

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077255.D
 Acq On : 05 Apr 2023 11:15
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2023
 Supervised By : Mahesh Dadoda 04/06/2023

Quant Time: Apr 05 11:47:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 11:06:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	497443	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.107	114	949662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	842535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	317978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	35382	6.909	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	13.820%	#	
35) Dibromofluoromethane	8.172	113	34905	5.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.920%	#	
50) Toluene-d8	10.566	98	125974	5.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.880%	#	
62) 4-Bromofluorobenzene	12.854	95	41151	5.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	11.740%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	27929	10.987	ug/l	85
3) Chloromethane	2.372	50	37654	11.478	ug/l	98
4) Vinyl Chloride	2.519	62	50919	14.242	ug/l	# 81
5) Bromomethane	2.949	94	39162	15.235	ug/l	87
6) Chloroethane	3.119	64	34137	11.419	ug/l	91
7) Trichlorofluoromethane	3.502	101	46033	5.683	ug/l	88
8) Diethyl Ether	3.972	74	21472	6.884	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.378	101	28936	5.984	ug/l	91
10) Methyl Iodide	4.596	142	33206	5.600	ug/l	# 88
11) Tert butyl alcohol	5.548	59	36081	43.423	ug/l	# 72
12) 1,1-Dichloroethene	4.354	96	31209	6.979	ug/l	# 70
13) Acrolein	4.184	56	36806	41.744	ug/l	98
14) Allyl chloride	5.031	41	41446	5.347	ug/l	# 80
15) Acrylonitrile	5.743	53	78782	28.835	ug/l	98
16) Acetone	4.449	43	67700	26.588	ug/l	98
17) Carbon Disulfide	4.713	76	79113	6.645	ug/l	# 95
18) Methyl Acetate	5.037	43	46071	4.811	ug/l	# 83
19) Methyl tert-butyl Ether	5.801	73	104591	6.990	ug/l	92
20) Methylene Chloride	5.284	84	35547	6.236	ug/l	# 86
21) trans-1,2-Dichloroethene	5.795	96	33759	6.904	ug/l	# 70
22) Diisopropyl ether	6.678	45	88762	5.415	ug/l	# 95
23) Vinyl Acetate	6.619	43	300079	30.508	ug/l	# 91
24) 1,1-Dichloroethane	6.578	63	56807	5.900	ug/l	98
25) 2-Butanone	7.489	43	102383	28.286	ug/l	90
26) 2,2-Dichloropropane	7.501	77	54952	7.714	ug/l	95
27) cis-1,2-Dichloroethene	7.501	96	39137	6.693	ug/l	90
28) Bromochloromethane	7.813	49	25242	6.007	ug/l	95
29) Tetrahydrofuran	7.854	42	65999	29.001	ug/l	# 82
30) Chloroform	7.978	83	60806	6.411	ug/l	97
31) Cyclohexane	8.254	56	60914	6.744	ug/l	# 95
32) 1,1,1-Trichloroethane	8.172	97	54482	6.809	ug/l	# 50
36) 1,1-Dichloropropene	8.378	75	44140	5.131	ug/l	97
37) Ethyl Acetate	7.572	43	42420	4.915	ug/l	# 92
38) Carbon Tetrachloride	8.366	117	45420	5.149	ug/l	89
39) Methylcyclohexane	9.607	83	57985	5.496	ug/l	# 88
40) Benzene	8.607	78	135642	5.022	ug/l	96

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 ClientSampleId :
 VSTDICC005

Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 11:06:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	20597	4.366	ug/l #	83
42) 1,2-Dichloroethane	8.678	62	44060	4.985	ug/l	95
43) Isopropyl Acetate	8.695	43	71987	5.317	ug/l #	97
44) Trichloroethene	9.354	130	33801	4.837	ug/l	87
45) 1,2-Dichloropropane	9.631	63	35612	4.956	ug/l	95
46) Dibromomethane	9.707	93	23724	5.193	ug/l #	77
47) Bromodichloromethane	9.889	83	49288	5.480	ug/l	97
48) Methyl methacrylate	9.683	41	30093	4.608	ug/l #	79
49) 1,4-Dioxane	9.707	88	15791	127.097	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	216130	25.210	ug/l	97
52) Toluene	10.636	92	87763	5.372	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	52118	5.875	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	57144	5.545	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	38966	5.766	ug/l	96
56) Ethyl methacrylate	10.878	69	56468	6.036	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	58912	5.132	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.166	63	89526	27.683	ug/l	95
59) 2-Hexanone	11.201	43	158757	25.516	ug/l	97
60) Dibromochloromethane	11.354	129	36437	5.189	ug/l	98
61) 1,2-Dibromoethane	11.472	107	37170	5.665	ug/l	99
64) Tetrachloroethene	11.107	164	26823	4.348	ug/l	89
65) Chlorobenzene	11.895	112	94069	5.288	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.966	131	35340	5.184	ug/l	95
67) Ethyl Benzene	11.966	91	168617	5.623	ug/l	99
68) m/p-Xylenes	12.072	106	130029	11.148	ug/l	96
69) o-Xylene	12.401	106	65951	5.863	ug/l	99
70) Styrene	12.413	104	102353	5.716	ug/l	99
71) Bromoform	12.583	173	24787	4.632	ug/l #	96
73) Isopropylbenzene	12.701	105	164044	6.918	ug/l	100
74) N-amyl acetate	12.495	43	61364	7.020	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	56010	6.792	ug/l	94
76) 1,2,3-Trichloropropane	12.995	75	38126m	5.365	ug/l	
77) Bromobenzene	12.983	156	33993	5.354	ug/l	90
78) n-propylbenzene	13.036	91	172956	6.614	ug/l	99
79) 2-Chlorotoluene	13.124	91	106364	6.324	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	128739	6.754	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	17269m	6.947	ug/l	
82) 4-Chlorotoluene	13.224	91	97665	6.180	ug/l	99
83) tert-Butylbenzene	13.442	119	113957	6.562	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	121352	6.519	ug/l	97
85) sec-Butylbenzene	13.618	105	152282	6.495	ug/l	94
86) p-Isopropyltoluene	13.730	119	121020	6.329	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	58047	5.210	ug/l	94
88) 1,4-Dichlorobenzene	13.813	146	57556	5.236	ug/l	92
89) n-Butylbenzene	14.060	91	92488	6.039	ug/l	97
90) Hexachloroethane	14.336	117	28452	7.152	ug/l	68
91) 1,2-Dichlorobenzene	14.113	146	58872	5.380	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9123	6.622	ug/l	90
93) 1,2,4-Trichlorobenzene	15.371	180	16431	3.859	ug/l	94
94) Hexachlorobutadiene	15.465	225	11255	3.090	ug/l	93
95) Naphthalene	15.589	128	52365	4.626	ug/l	97
96) 1,2,3-Trichlorobenzene	15.754	180	14981	3.583	ug/l	88

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

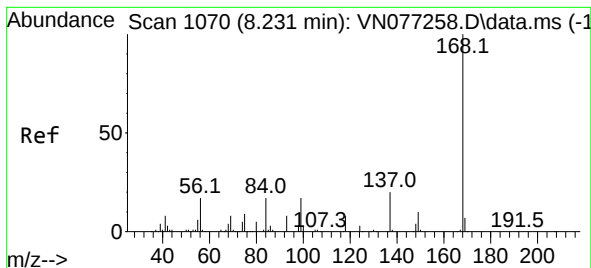
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

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Quant Title : SW846 8260
QLast Update : Wed Apr 05 11:06:18 2023
Response via : Initial Calibration

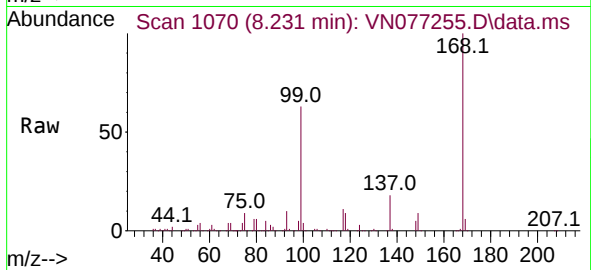
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

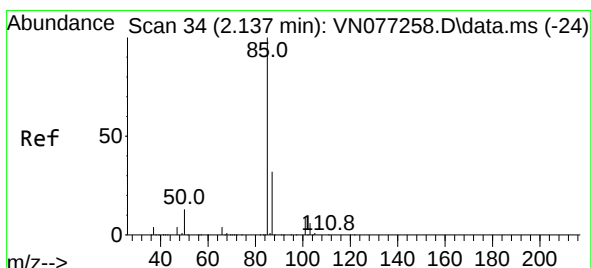
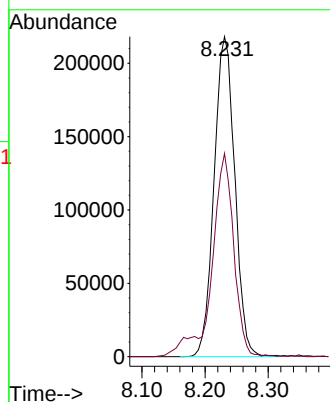
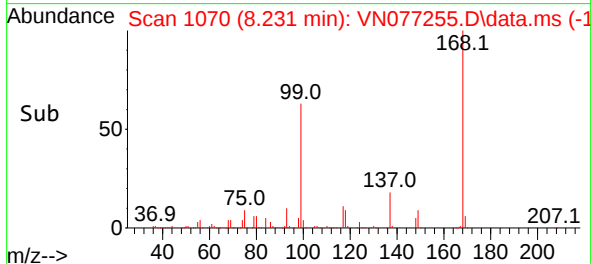
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 49744
Ion Ratio Lower Upper
168 100
99 63.3 41.8 62.8

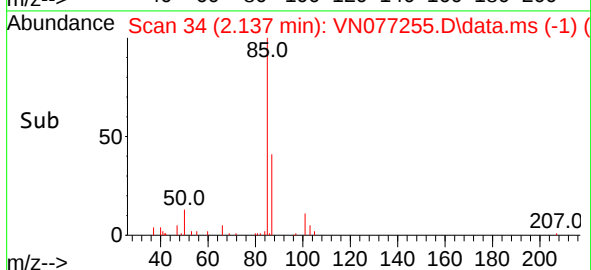
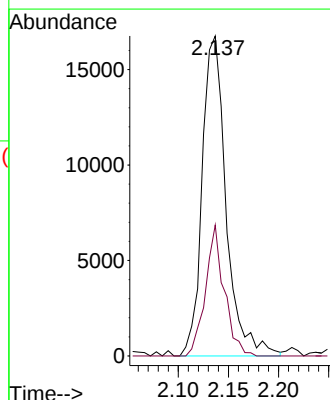
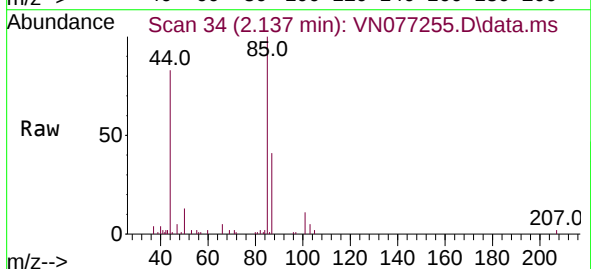
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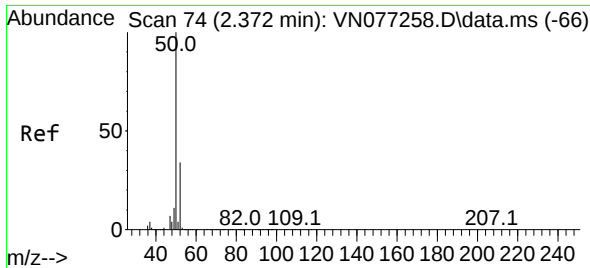
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#2
Dichlorodifluoromethane
Concen: 10.987 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

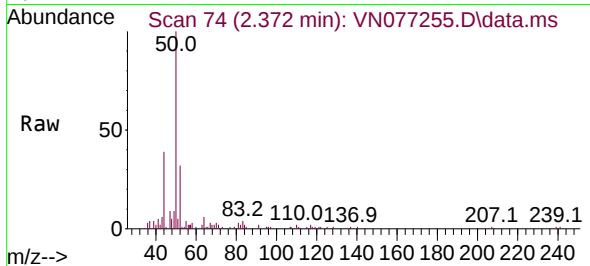
Tgt Ion: 85 Resp: 27929
Ion Ratio Lower Upper
85 100
87 40.9 16.3 48.8





#3
Chloromethane
Concen: 11.478 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

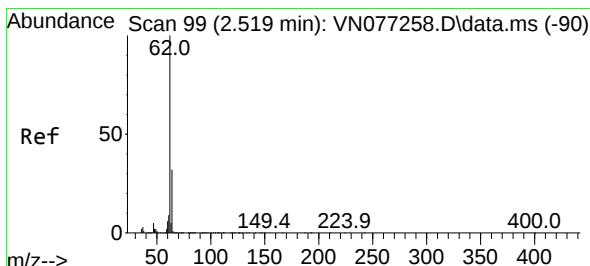
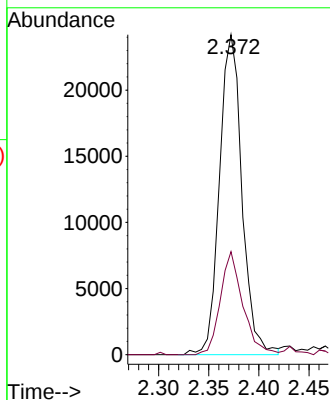
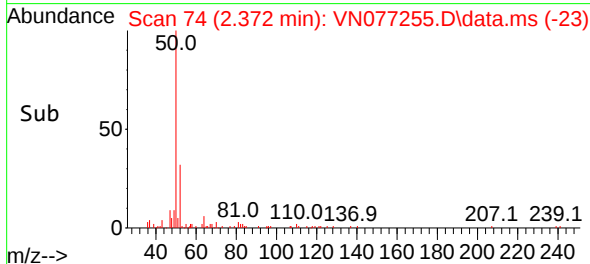
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 50 Resp: 37654
Ion Ratio Lower Upper
50 100
52 32.2 26.9 40.3

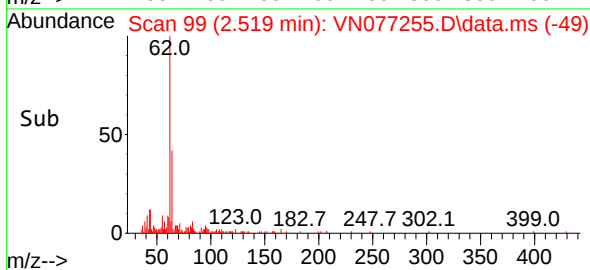
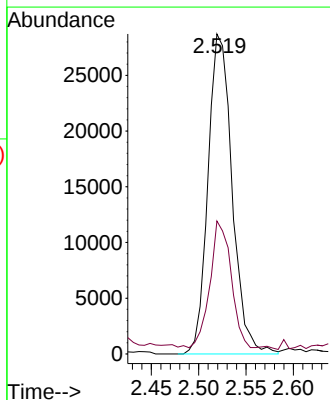
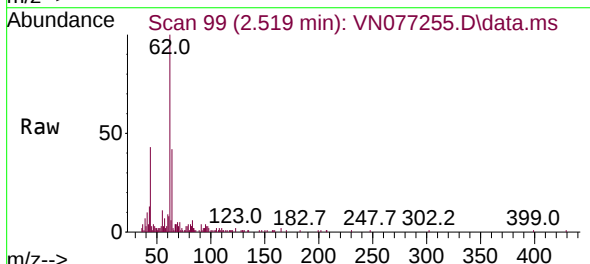
Manual Integrations
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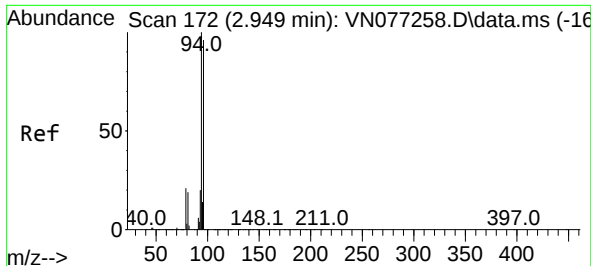
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#4
Vinyl Chloride
Concen: 14.242 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

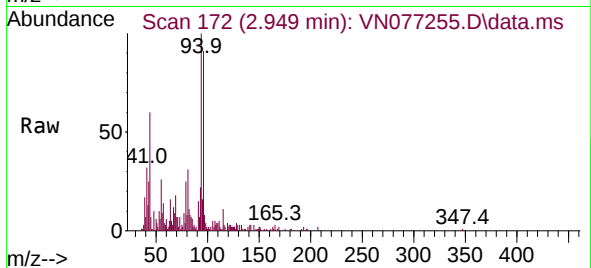
Tgt Ion: 62 Resp: 50919
Ion Ratio Lower Upper
62 100
64 40.2 23.9 35.9





#5
Bromomethane
Concen: 15.235 ug/l
RT: 2.949 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

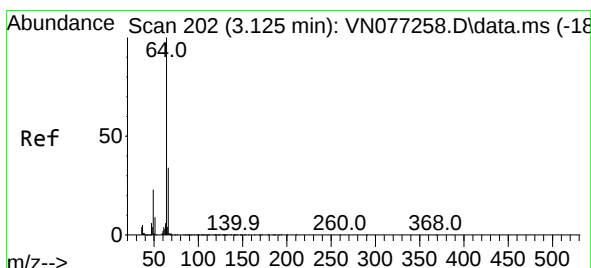
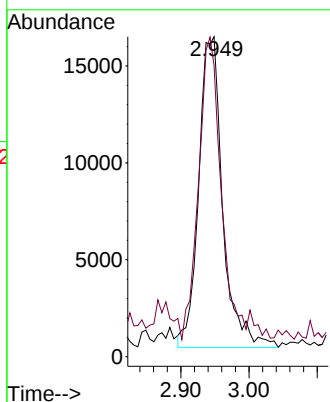
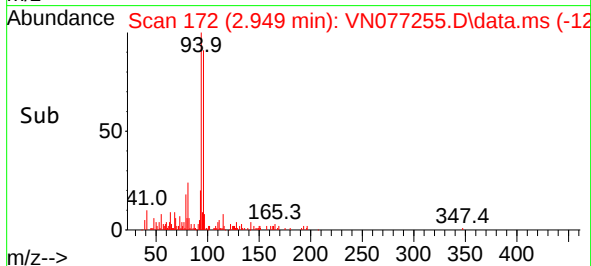
Instrument :
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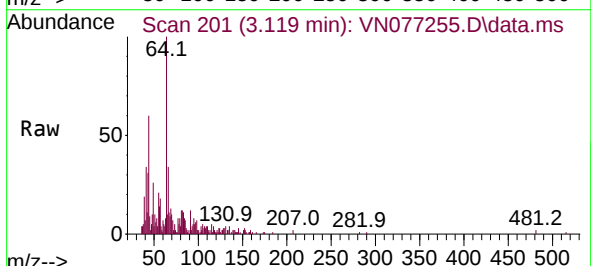
Tgt Ion: 94 Resp: 3916
Ion Ratio Lower Upper
94 100
96 85.2 78.1 117.1

Manual Integrations
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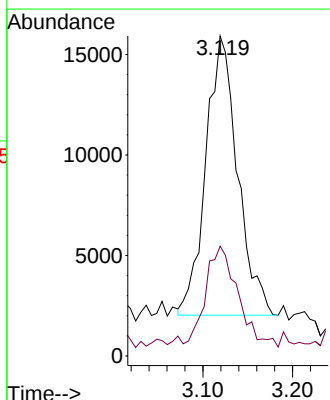
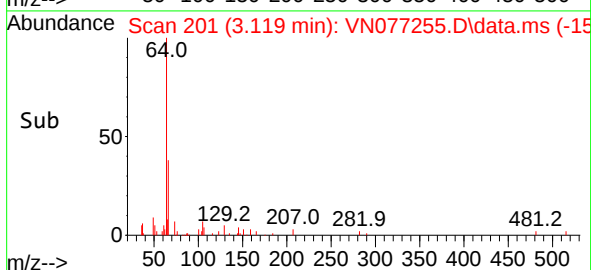
Reviewed By :John Carlone 04/06/2023
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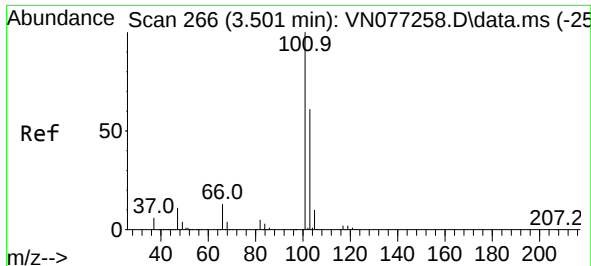


#6
Chloroethane
Concen: 11.419 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15



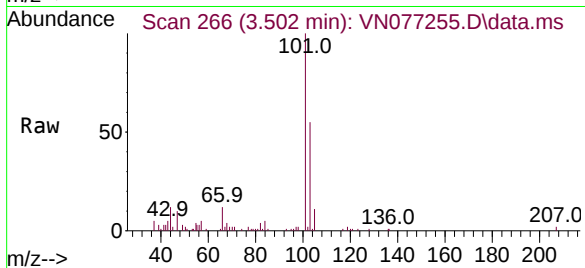
Tgt Ion: 64 Resp: 34137
Ion Ratio Lower Upper
64 100
66 36.1 25.0 37.6





#7
Trichlorofluoromethane
Concen: 5.683 ug/l
RT: 3.502 min Scan# 266
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

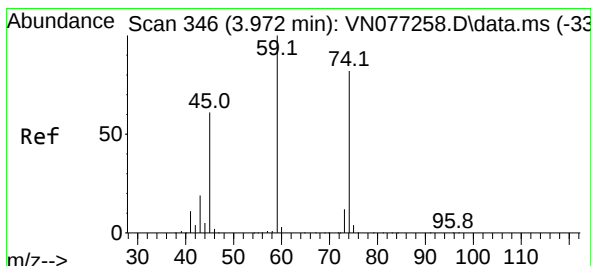
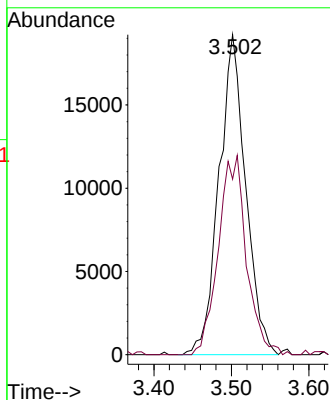
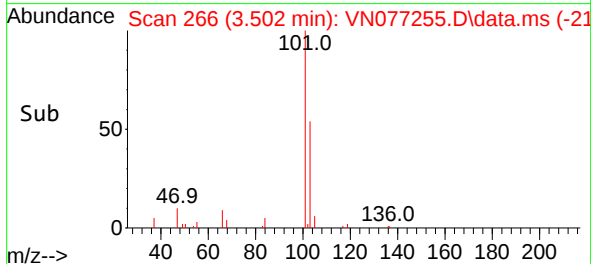
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 101 Resp: 4603
Ion Ratio Lower Upper
101 100
103 54.9 51.4 77.2

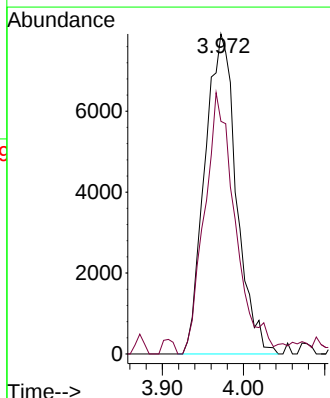
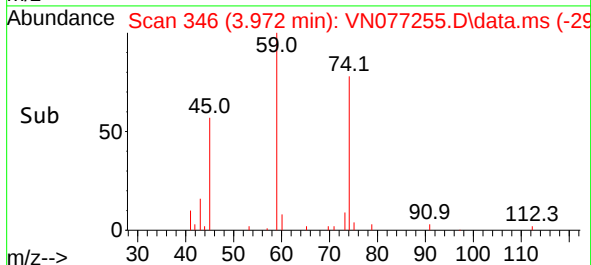
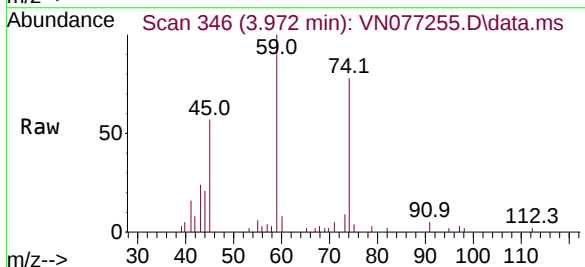
Manual Integrations
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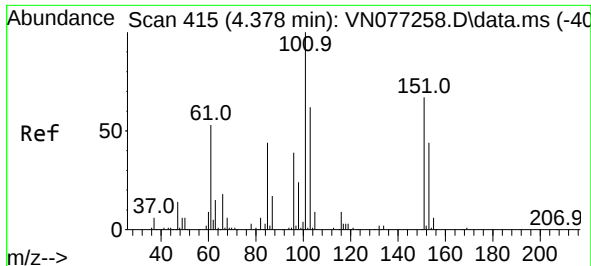
Reviewed By : John Carlone 04/06/2023
Supervised By : Mahesh Dadoda 04/06/2023



#8
Diethyl Ether
Concen: 6.884 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 74 Resp: 21472
Ion Ratio Lower Upper
74 100
45 79.3 47.8 143.3





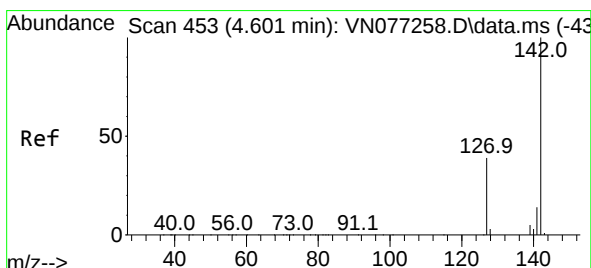
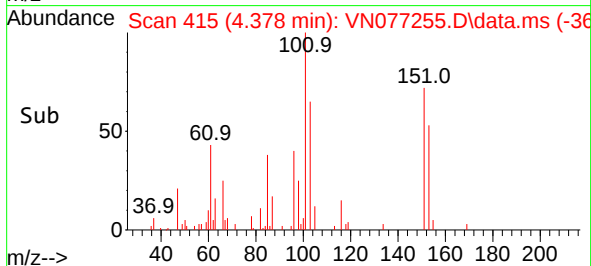
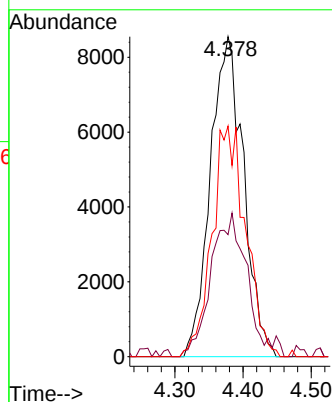
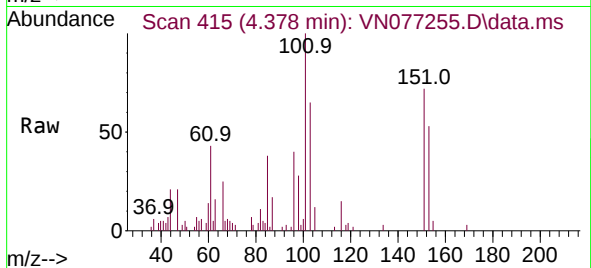
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.984 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 28930
Ion Ratio Lower Upper
101 100
85 47.7 33.5 50.3
151 73.1 65.3 97.9

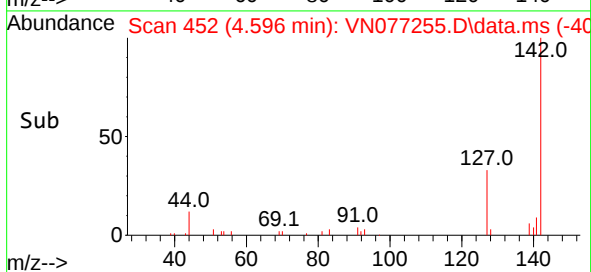
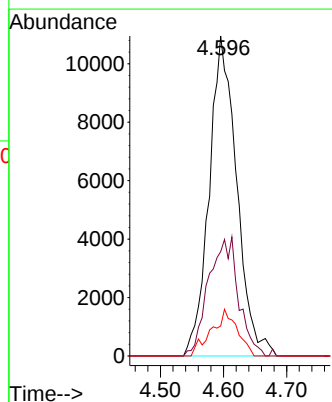
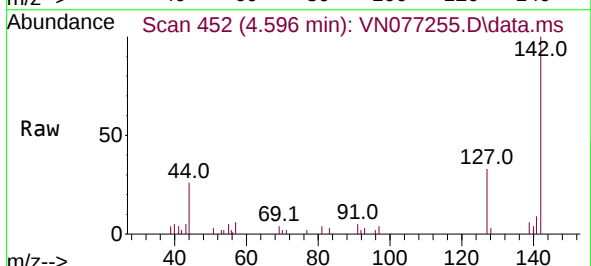
Manual Integrations
APPROVED

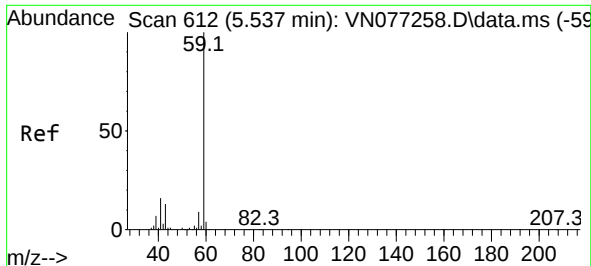
Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#10
Methyl Iodide
Concen: 5.600 ug/l
RT: 4.596 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

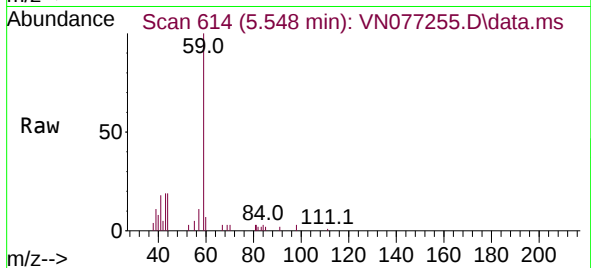
Tgt Ion:142 Resp: 33206
Ion Ratio Lower Upper
142 100
127 32.6 31.8 47.8
141 9.4 11.2 16.8#





#11
Tert butyl alcohol
Concen: 43.423 ug/l
RT: 5.548 min Scan# 612
Delta R.T. 0.018 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

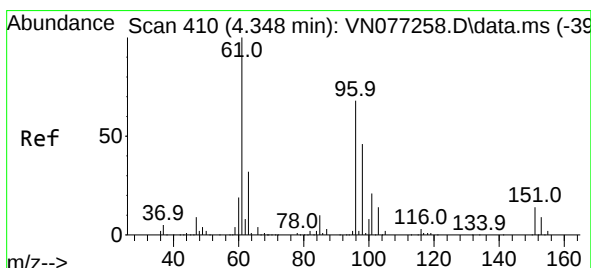
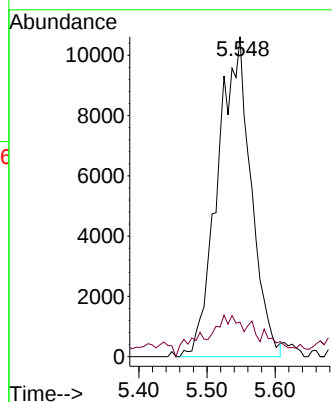
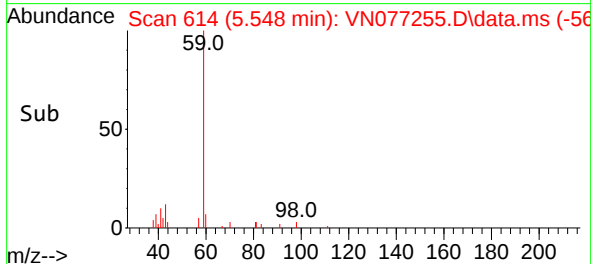
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



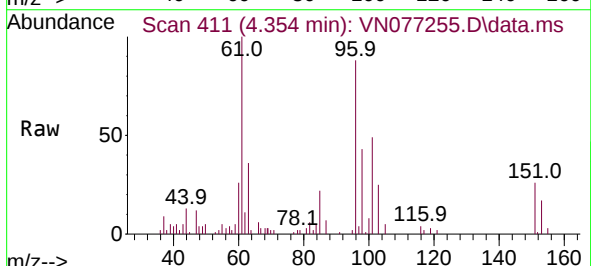
Tgt Ion: 59 Resp: 3608
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7

Manual Integrations
APPROVED

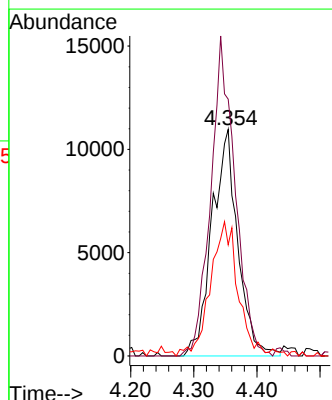
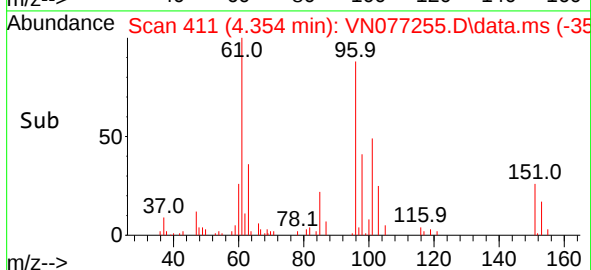
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

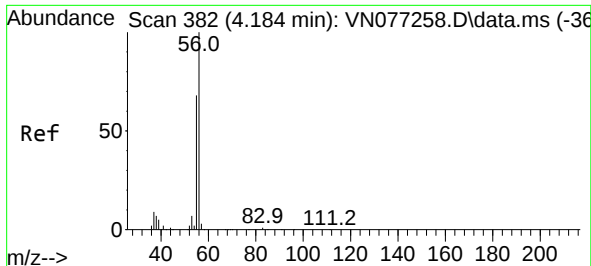


#12
1,1-Dichloroethene
Concen: 6.979 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15



Tgt Ion: 96 Resp: 31209
Ion Ratio Lower Upper
96 100
61 113.3 126.4 189.6#
98 47.5 50.8 76.2#





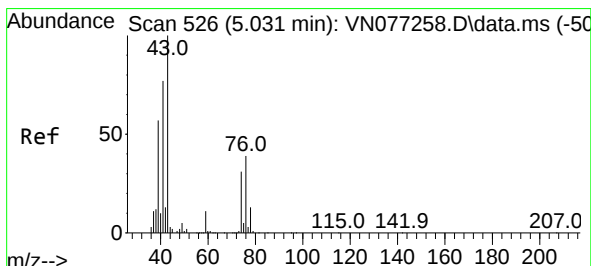
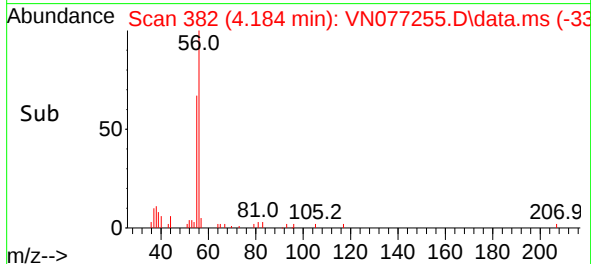
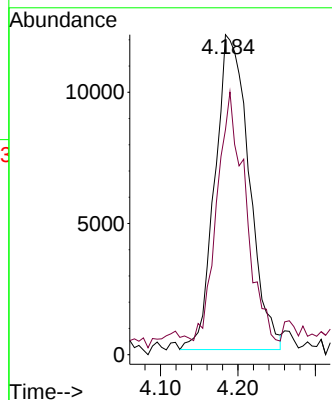
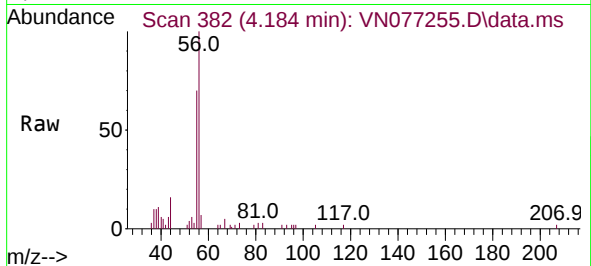
#13
Acrolein
Concen: 41.744 ug/l
RT: 4.184 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 36800
Ion Ratio Lower Upper
56 100
55 68.7 56.0 84.0

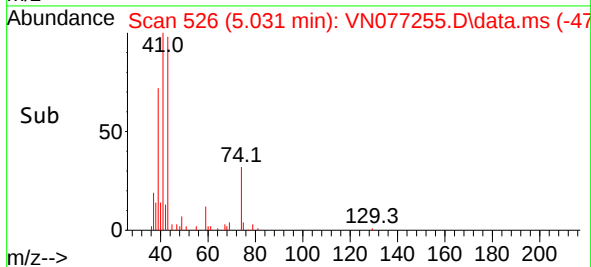
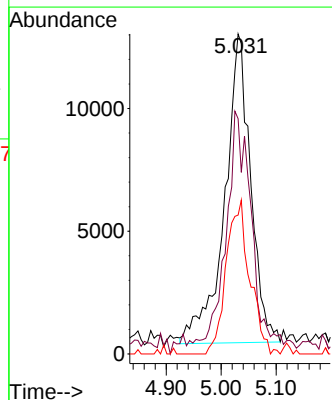
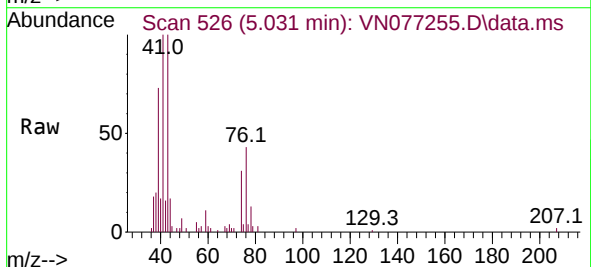
Manual Integrations
APPROVED

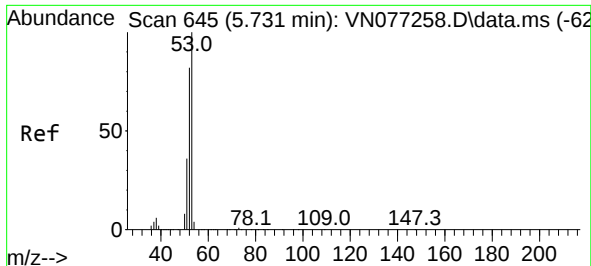
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#14
Allyl chloride
Concen: 5.347 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 41 Resp: 41446
Ion Ratio Lower Upper
41 100
39 73.4 46.8 70.2#
76 44.9 27.3 40.9#





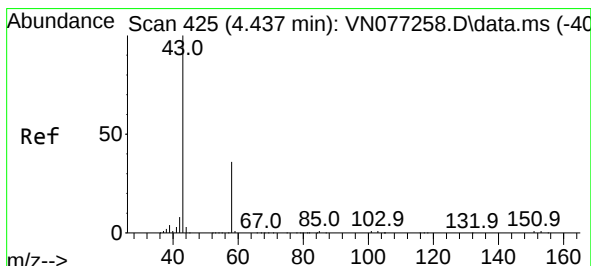
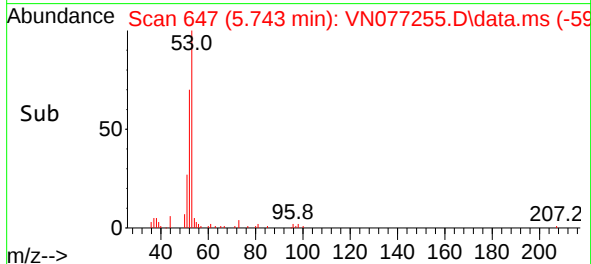
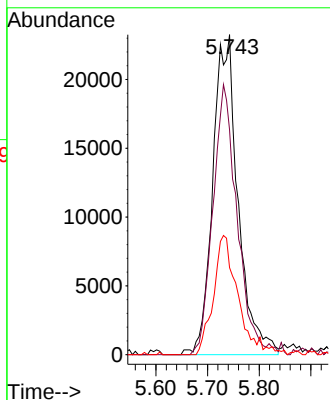
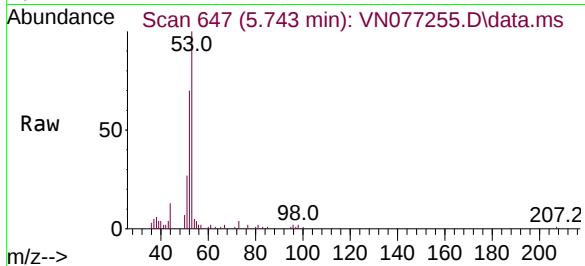
#15
Acrylonitrile
Concen: 28.835 ug/l
RT: 5.743 min Scan# 645
Delta R.T. 0.018 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 7878
Ion Ratio Lower Upper
53 100
52 80.3 65.8 98.6
51 36.4 28.2 42.2

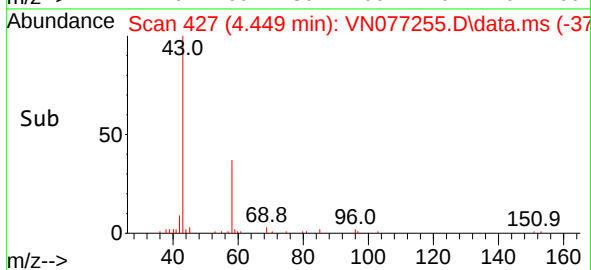
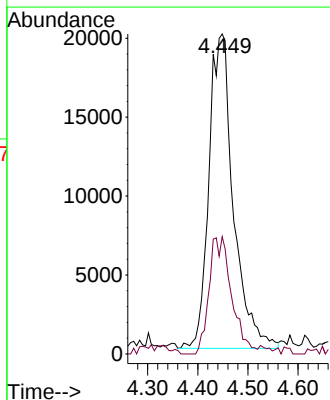
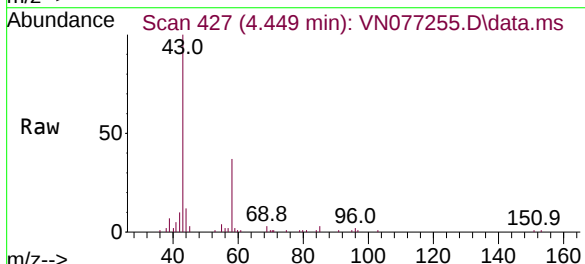
Manual Integrations
APPROVED

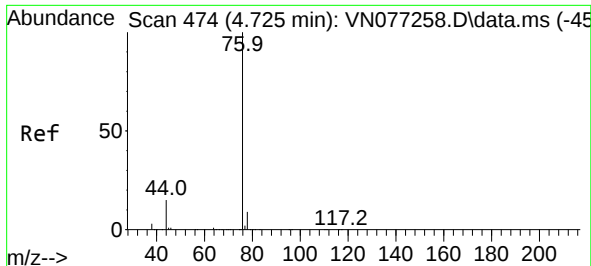
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#16
Acetone
Concen: 26.588 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 43 Resp: 67700
Ion Ratio Lower Upper
43 100
58 36.2 28.2 42.4





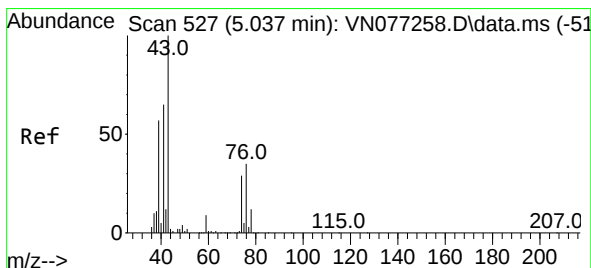
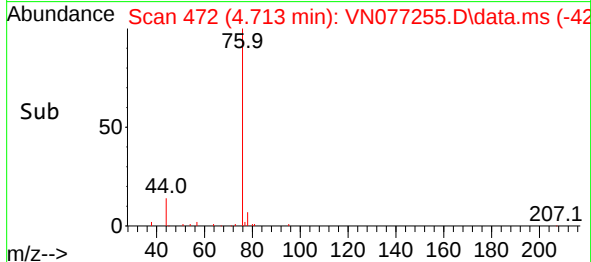
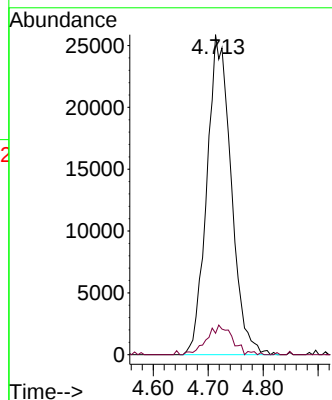
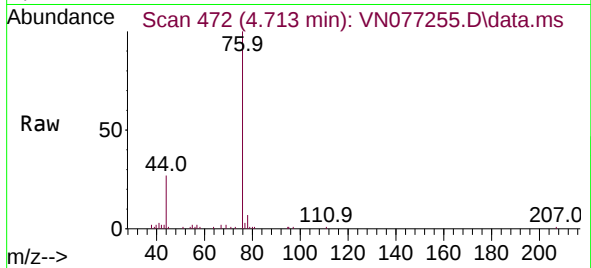
#17
Carbon Disulfide
Concen: 6.645 ug/l
RT: 4.713 min Scan# 474
Delta R.T. -0.012 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 7911
Ion Ratio Lower Upper
76 100
78 6.7 6.8 10.2

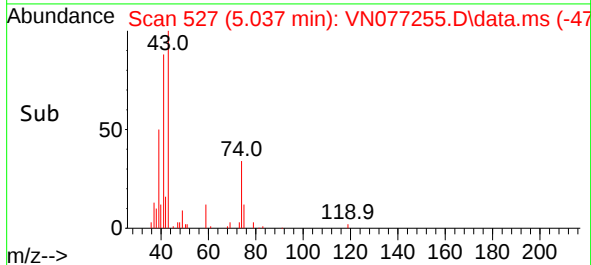
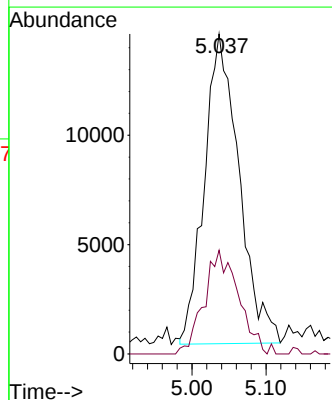
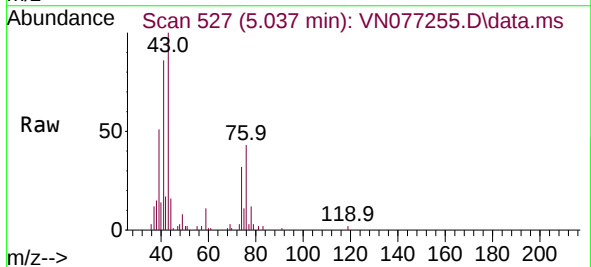
Manual Integrations
APPROVED

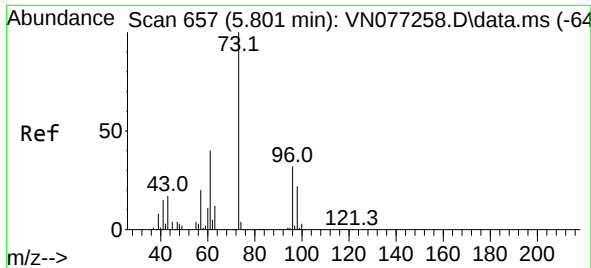
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#18
Methyl Acetate
Concen: 4.811 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 43 Resp: 46071
Ion Ratio Lower Upper
43 100
74 33.0 19.6 29.4





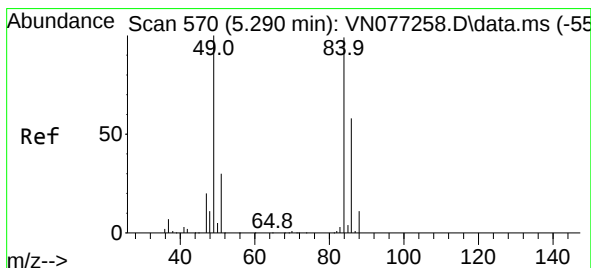
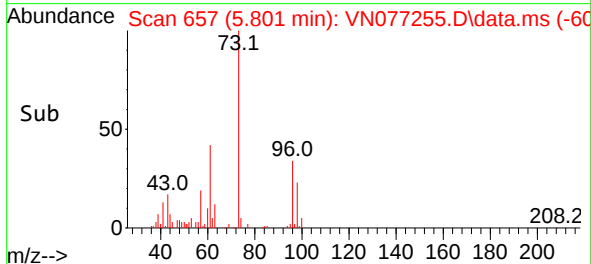
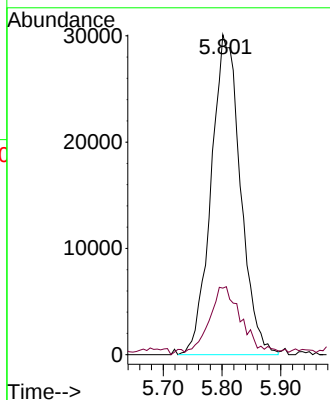
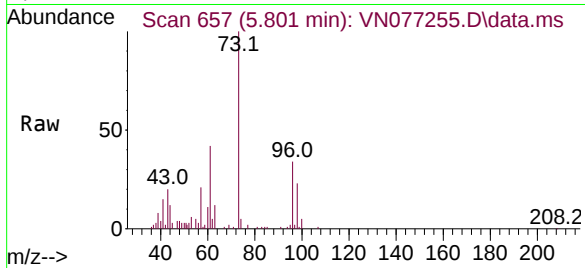
#19
Methyl tert-butyl Ether
Concen: 6.990 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 10459
Ion Ratio Lower Upper
73 100
57 19.6 18.7 28.1

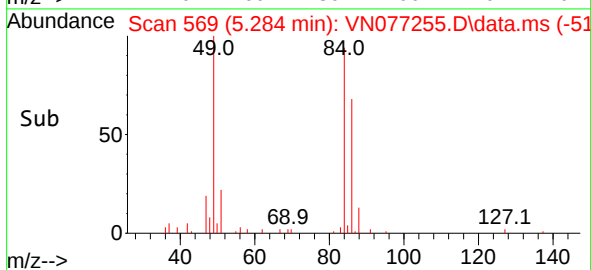
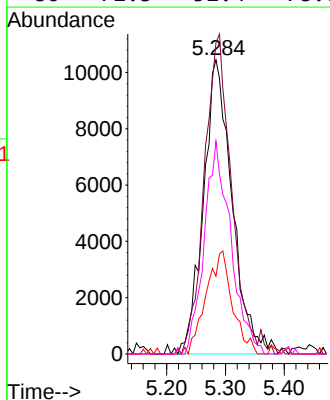
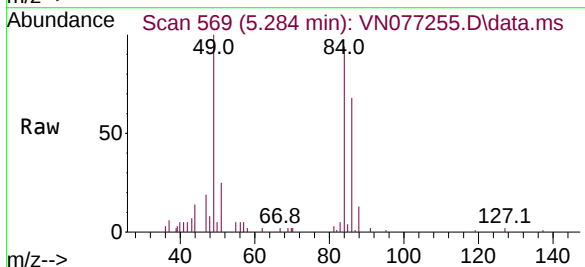
Manual Integrations
APPROVED

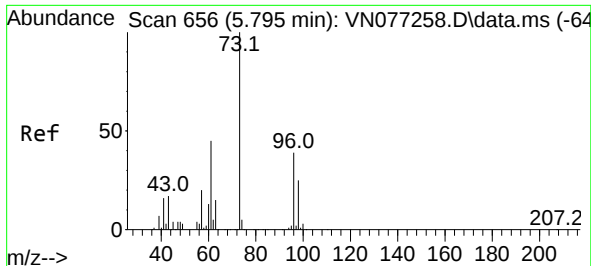
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#20
Methylene Chloride
Concen: 6.236 ug/l
RT: 5.284 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

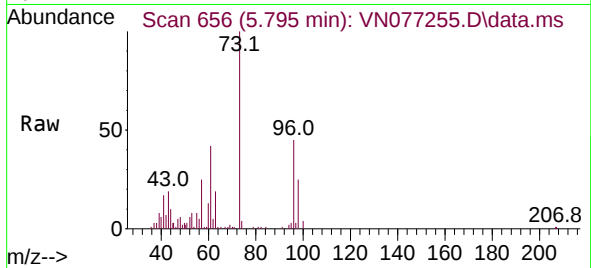
Tgt Ion: 84 Resp: 35547
Ion Ratio Lower Upper
84 100
49 105.8 97.8 146.8
51 25.0 29.8 44.8#
86 72.3 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 6.904 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

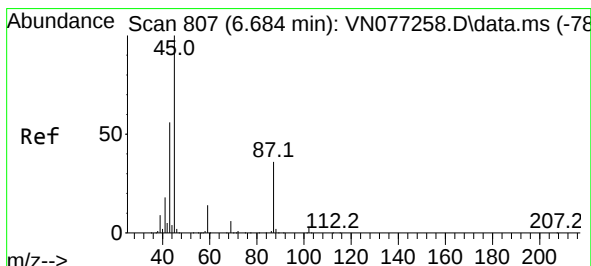
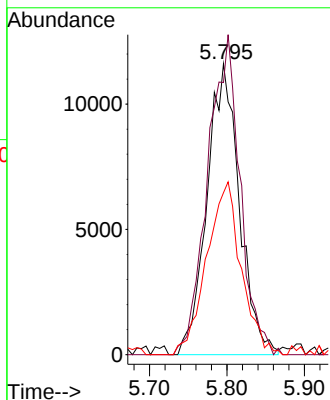
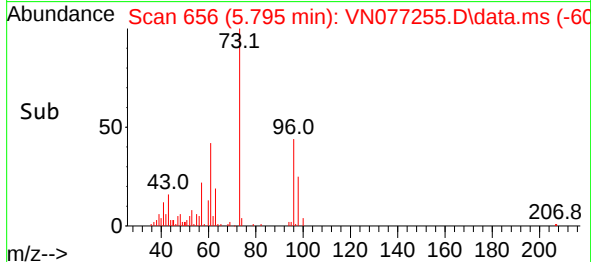
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 3375
Ion Ratio Lower Upper
96 100
61 91.3 109.7 164.5
98 54.2 50.4 75.6

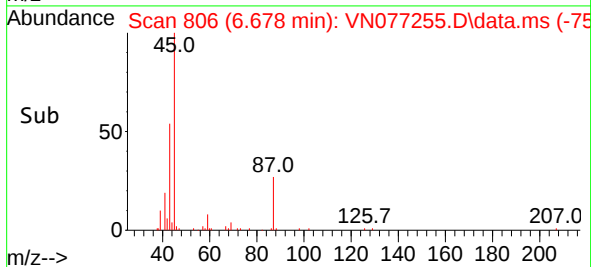
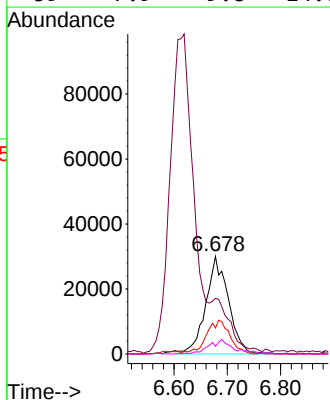
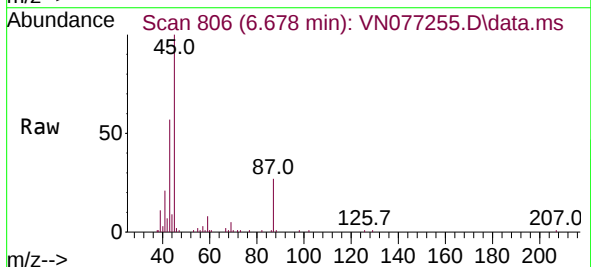
Manual Integrations
APPROVED

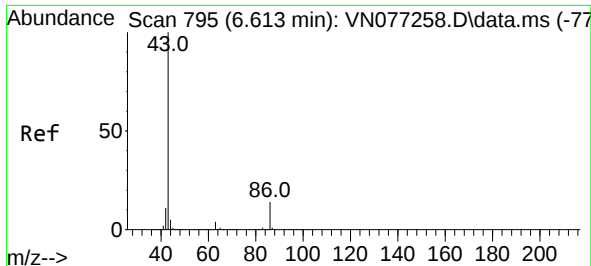
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#22
Diisopropyl ether
Concen: 5.415 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 45 Resp: 88762
Ion Ratio Lower Upper
45 100
43 54.0 39.6 59.4
87 26.1 21.0 31.4
59 7.9 9.8 14.6#





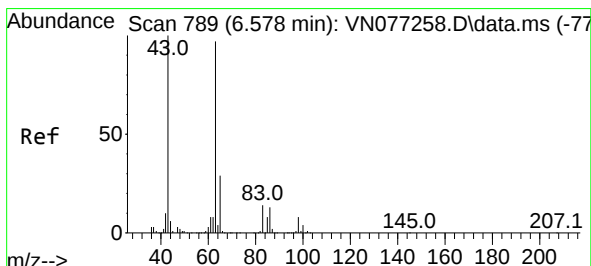
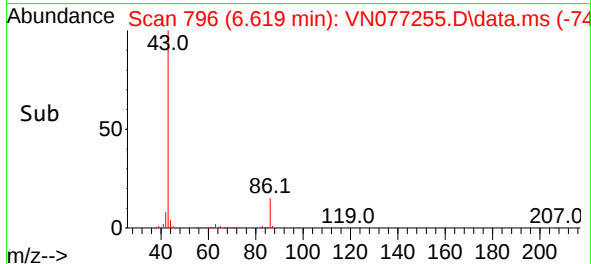
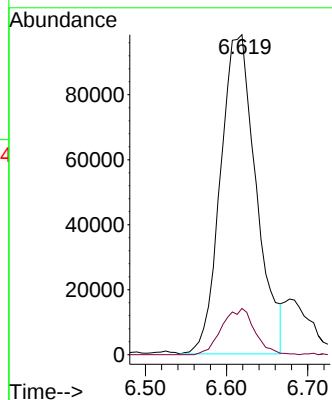
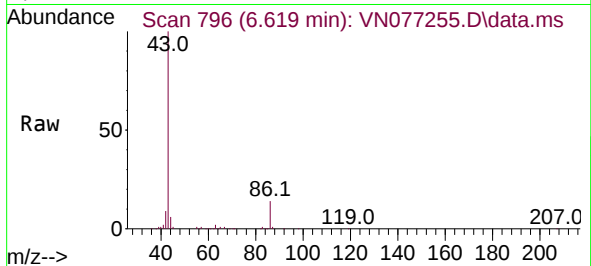
#23
 Vinyl Acetate
 Concen: 30.508 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.012 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 300079
 Ion Ratio Lower Upper
 43 100
 86 14.5 9.0 13.4

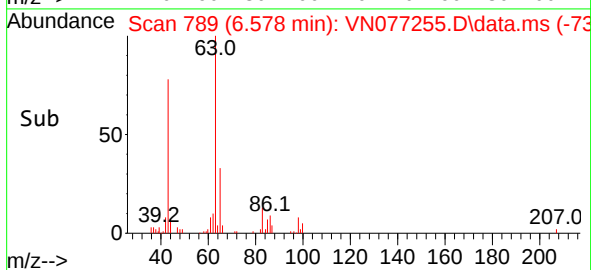
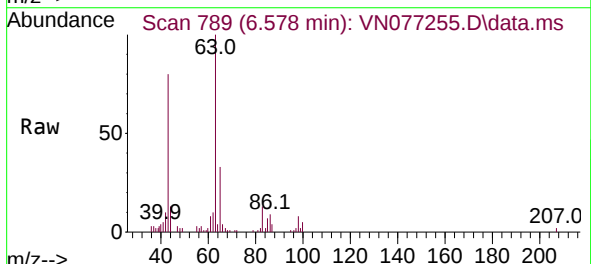
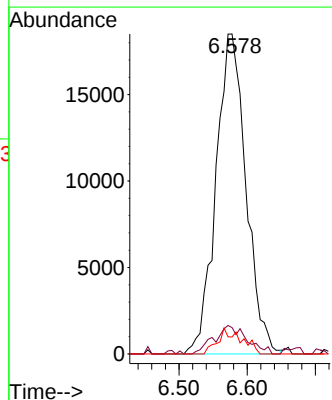
Manual Integrations
 APPROVED

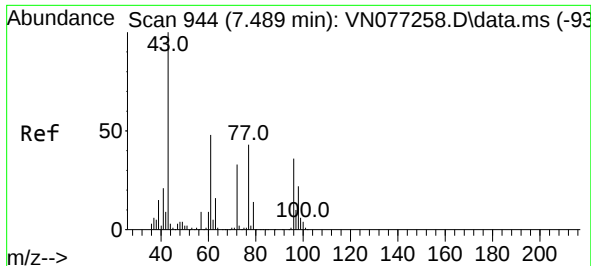
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#24
 1,1-Dichloroethane
 Concen: 5.900 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

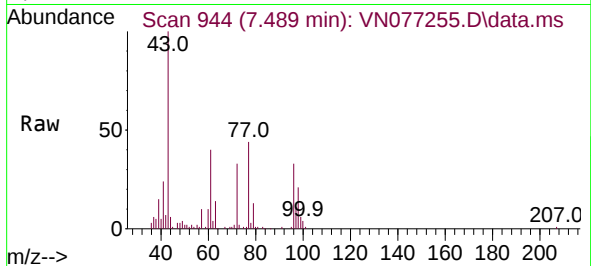
Tgt Ion: 63 Resp: 56807
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.5
 100 5.3 2.4 7.1





#25
2-Butanone
Concen: 28.286 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

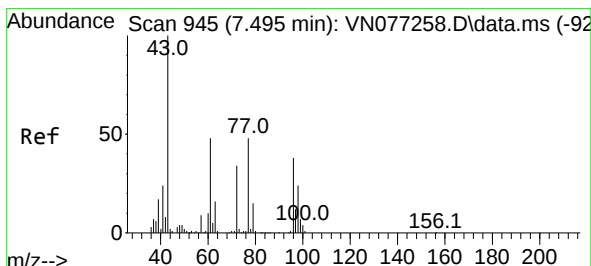
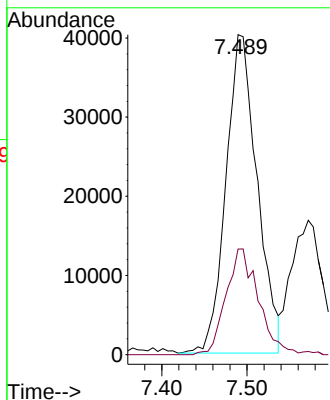
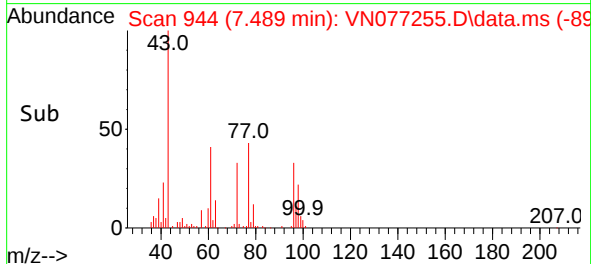
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



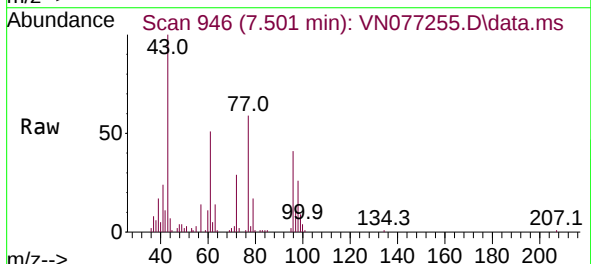
Tgt Ion: 43 Resp: 10238
Ion Ratio Lower Upper
43 100
72 33.1 22.2 33.2

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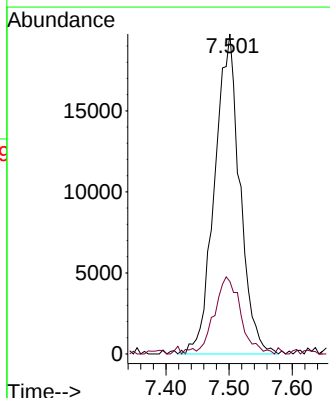
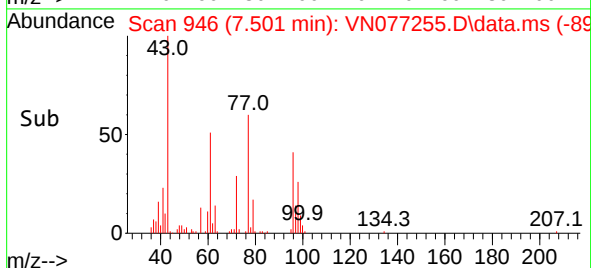
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

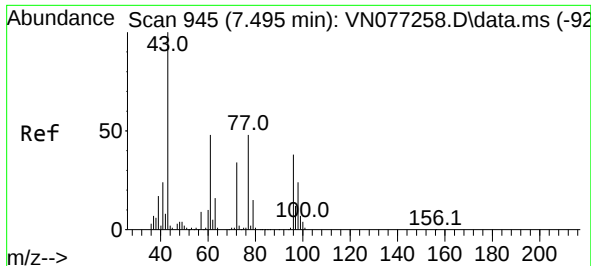


#26
2,2-Dichloropropane
Concen: 7.714 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15



Tgt Ion: 77 Resp: 54952
Ion Ratio Lower Upper
77 100
97 25.4 11.6 34.7





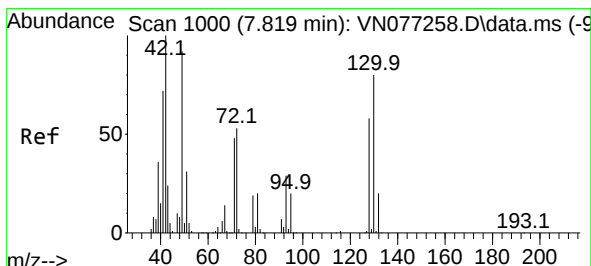
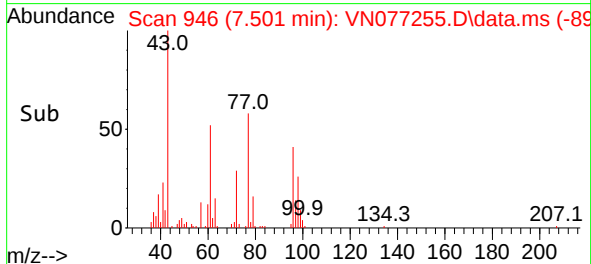
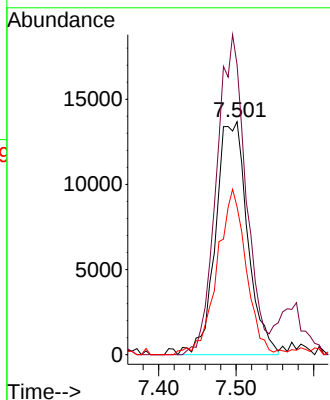
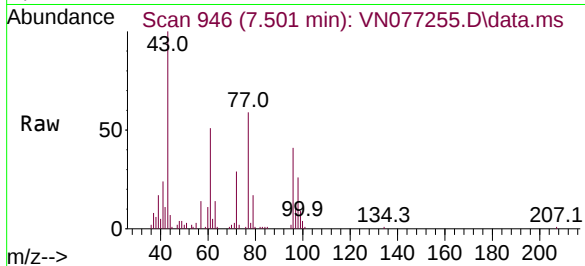
#27
 cis-1,2-Dichloroethene
 Concen: 6.693 ug/l
 RT: 7.501 min Scan# 945
 Delta R.T. 0.012 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 3913
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 286.0
 98 64.8 0.0 127.8

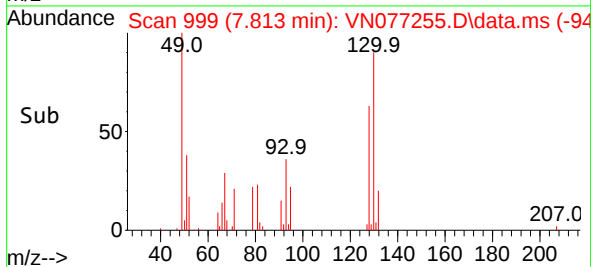
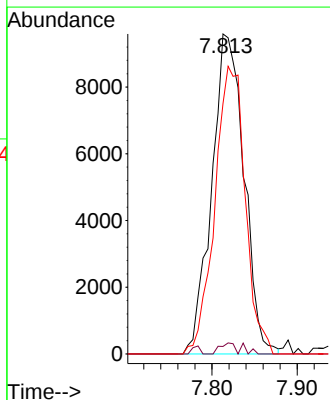
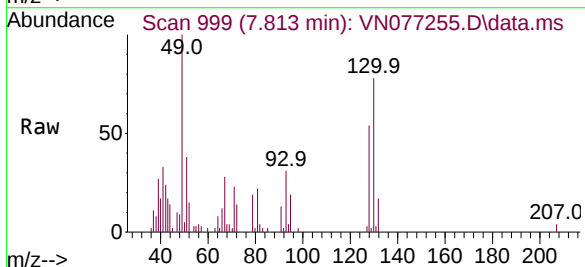
Manual Integrations
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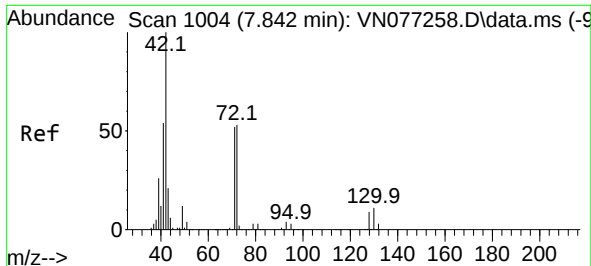
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#28
 Bromochloromethane
 Concen: 6.007 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Tgt Ion: 49 Resp: 25242
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.0
 130 84.6 63.9 95.9





#29

Tetrahydrofuran

Concen: 29.001 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

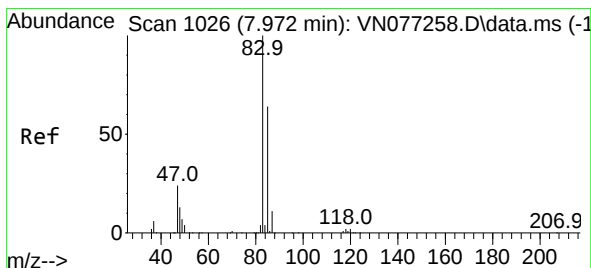
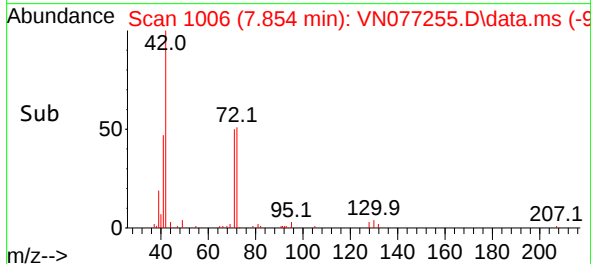
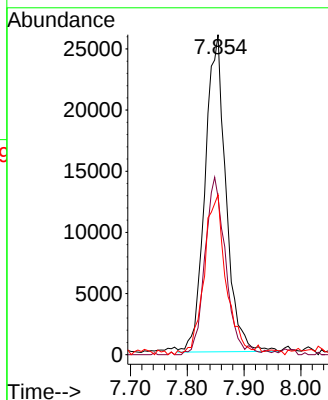
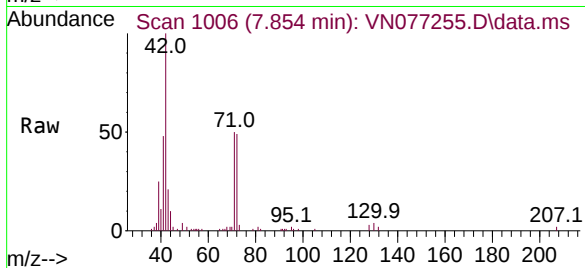
Tgt Ion:	42	Resp:	6599
Ion Ratio	Lower	Upper	
42	100		
72	55.6	35.6	53.4
71	53.2	33.2	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#30

Chloroform

Concen: 6.411 ug/l

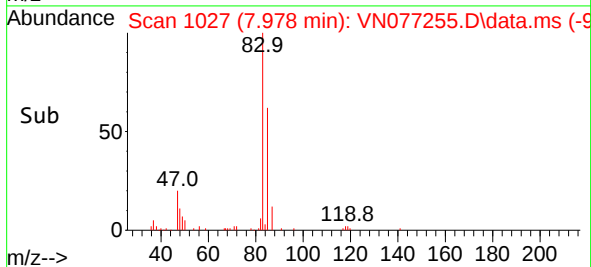
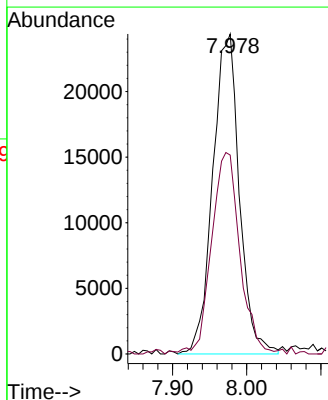
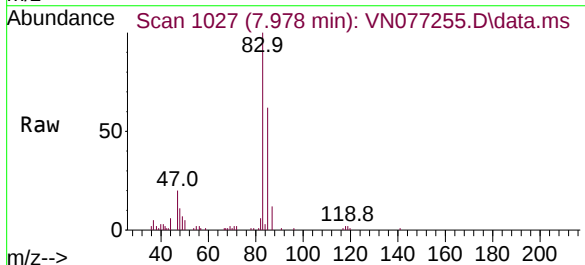
RT: 7.978 min Scan# 1027

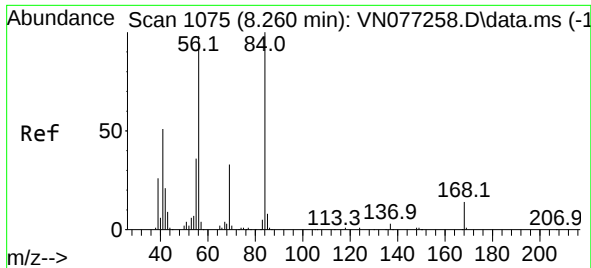
Delta R.T. 0.006 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

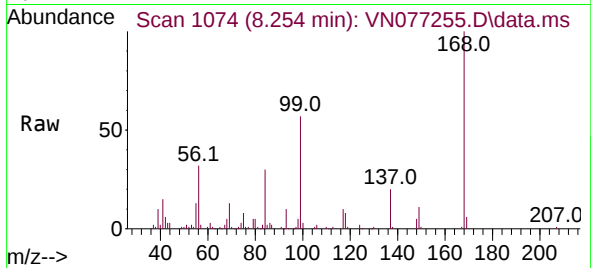
Tgt Ion:	83	Resp:	60806
Ion Ratio	Lower	Upper	
83	100		
85	61.6	51.4	77.0





#31
Cyclohexane
Concen: 6.744 ug/l
RT: 8.254 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

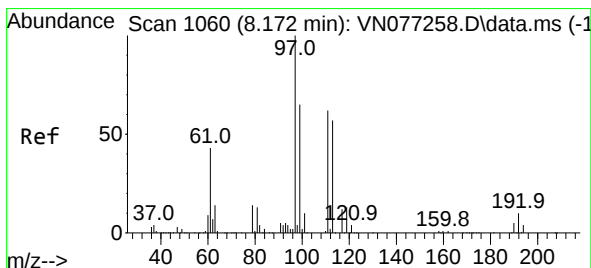
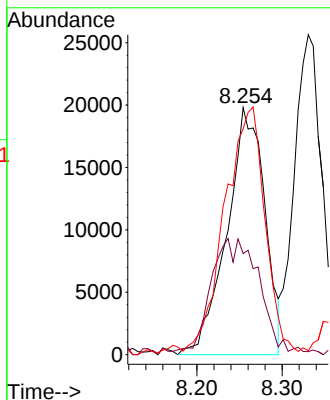
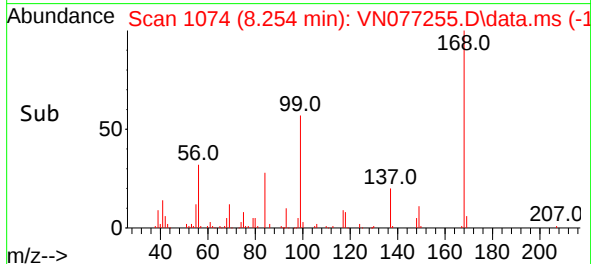
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 60914
Ion Ratio Lower Upper
56 100
69 38.9 25.1 37.7
84 88.4 69.0 103.4

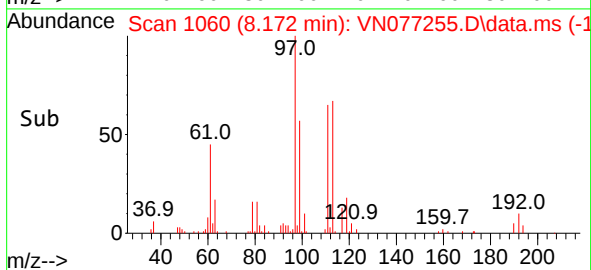
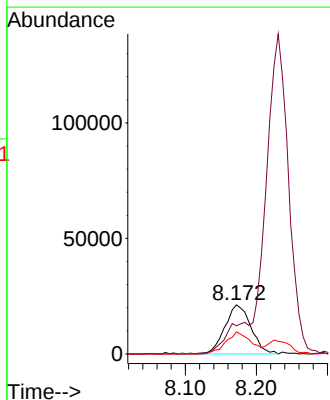
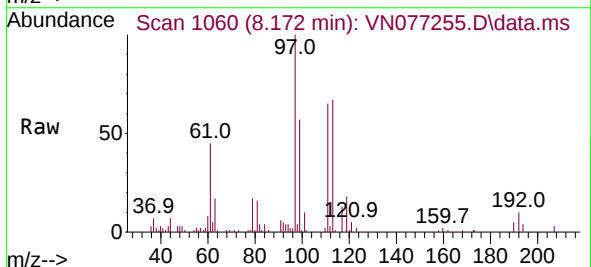
Manual Integrations
APPROVED

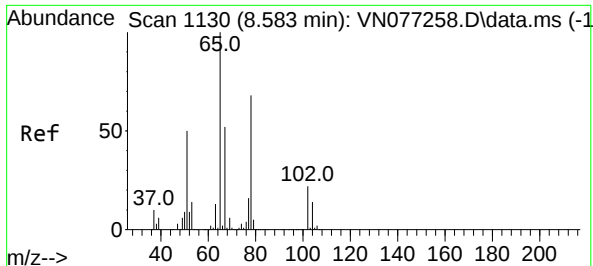
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#32
1,1,1-Trichloroethane
Concen: 6.809 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 97 Resp: 54482
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8
61 42.6 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 6.909 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 3538

Ion Ratio Lower Upper

65 100

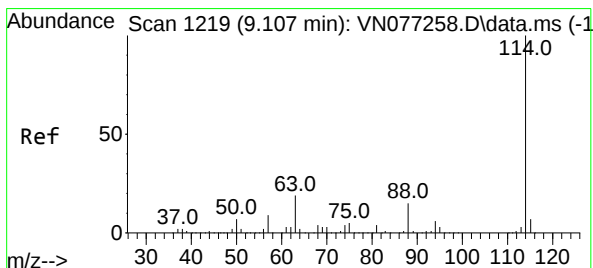
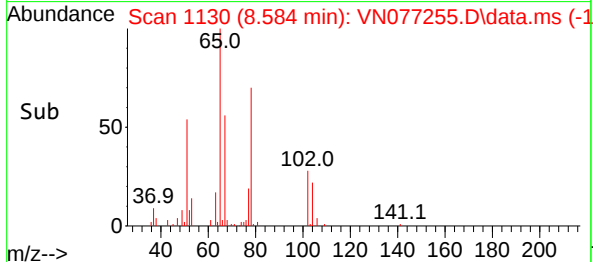
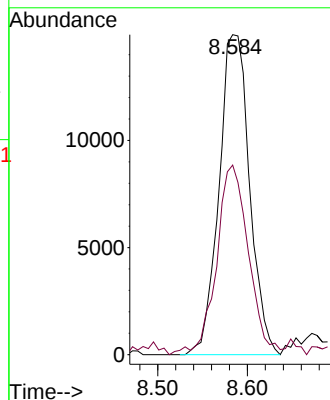
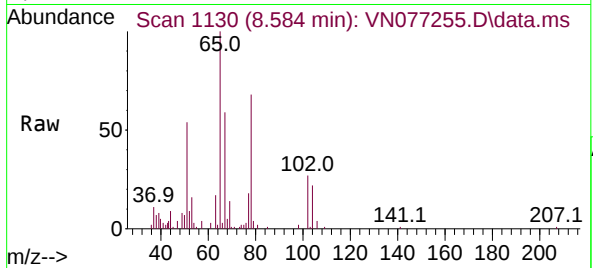
67 61.6 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

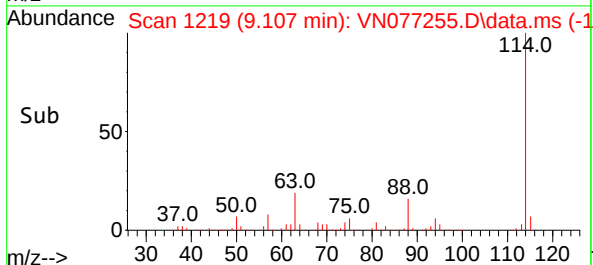
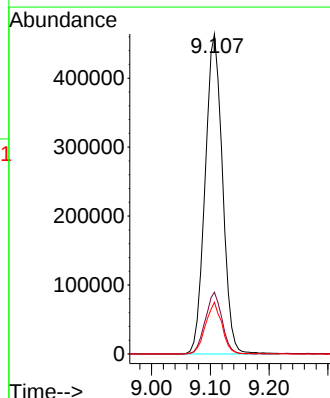
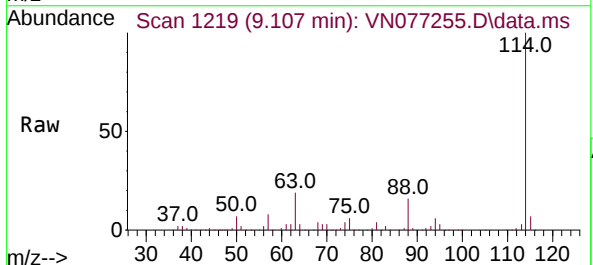
Tgt Ion:114 Resp: 949662

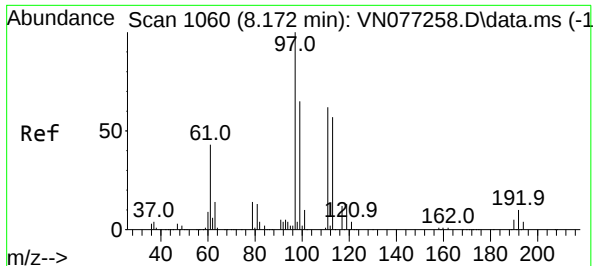
Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 16.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 5.956 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

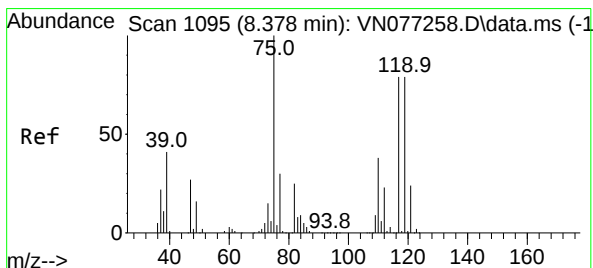
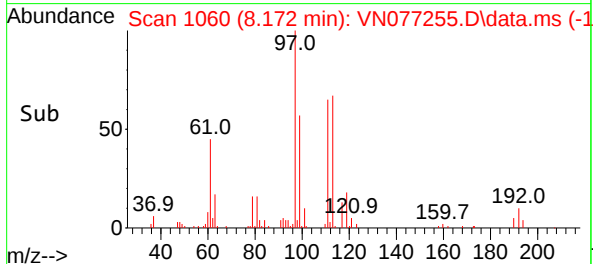
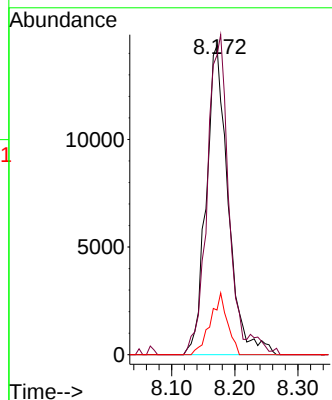
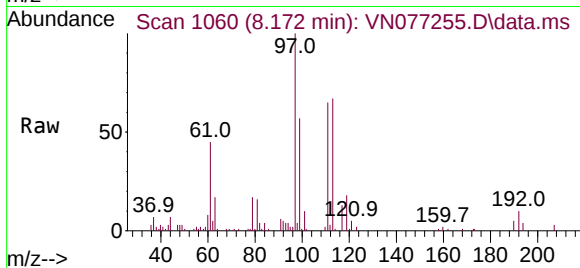
Tgt Ion:	113	Resp:	3490
Ion Ratio	Lower	Upper	
113	100		
111	98.4	82.2	123.2
192	15.4	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#36

1,1-Dichloropropene

Concen: 5.131 ug/l

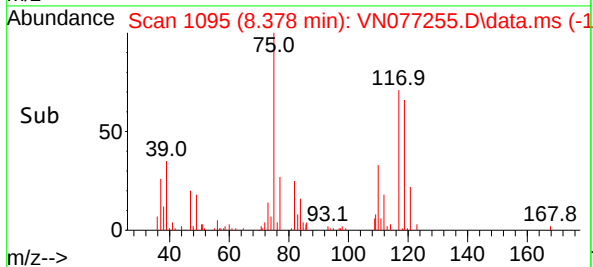
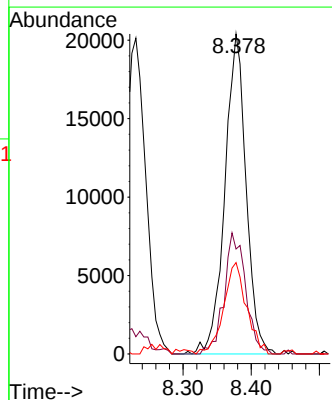
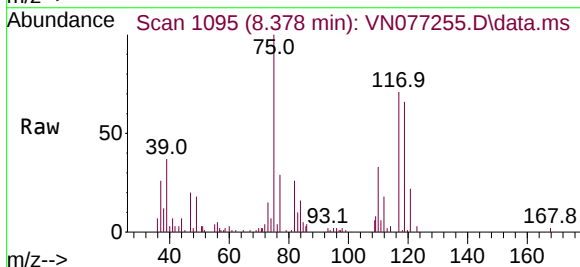
RT: 8.378 min Scan# 1095

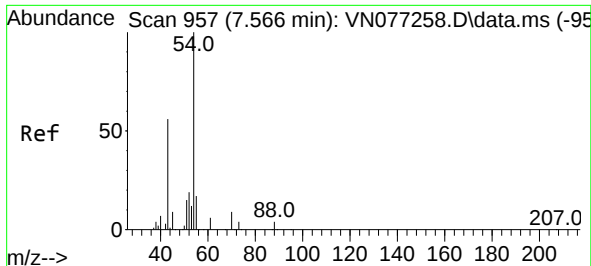
Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

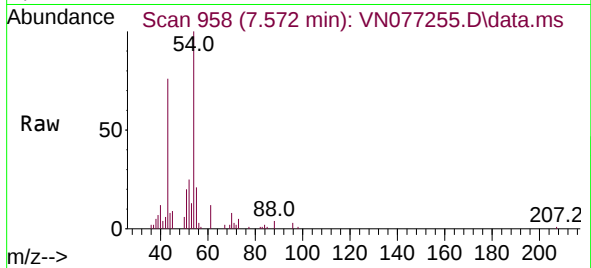
Tgt Ion:	75	Resp:	44140
Ion Ratio	Lower	Upper	
75	100		
110	38.3	17.6	52.9
77	30.8	24.4	36.6





#37
Ethyl Acetate
Concen: 4.915 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

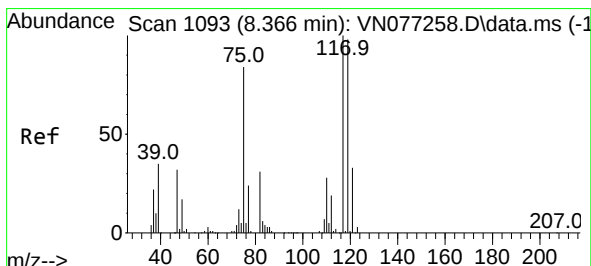
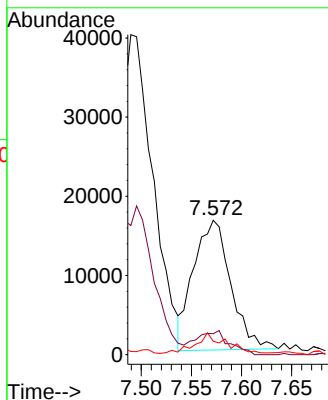
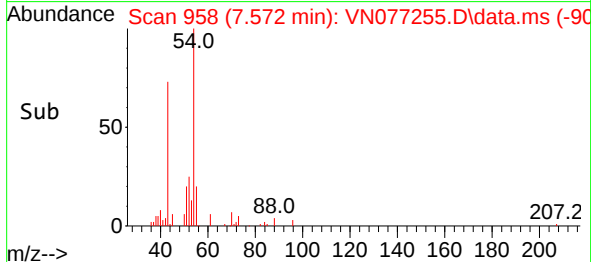
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 42420
Ion Ratio Lower Upper
43 100
61 16.3 10.9 16.3
70 14.9 8.8 13.2

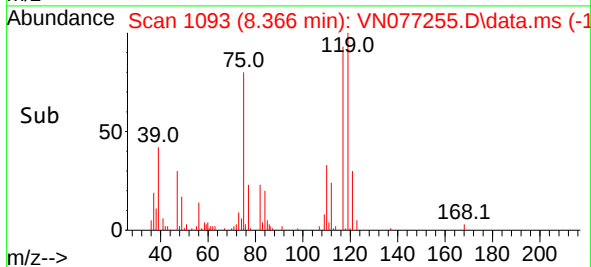
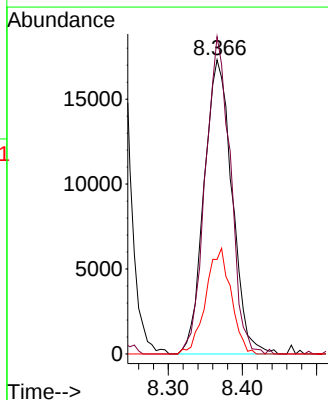
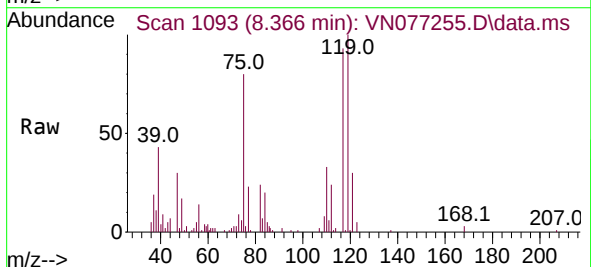
Manual Integrations
APPROVED

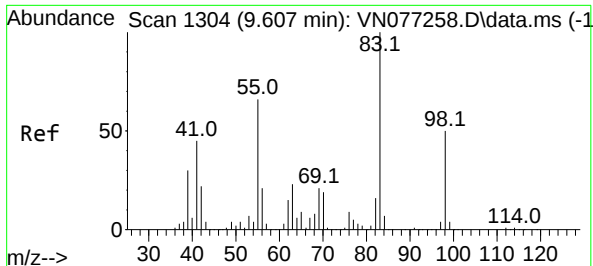
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#38
Carbon Tetrachloride
Concen: 5.149 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:117 Resp: 45420
Ion Ratio Lower Upper
117 100
119 107.9 76.5 114.7
121 32.1 23.8 35.8





#39

Methylcyclohexane

Concen: 5.496 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

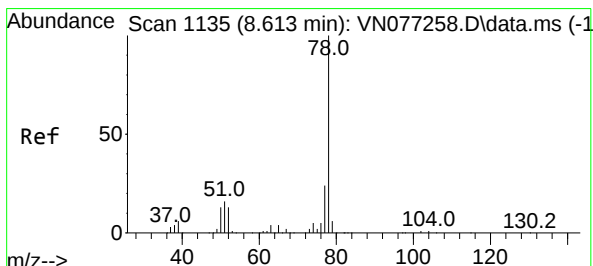
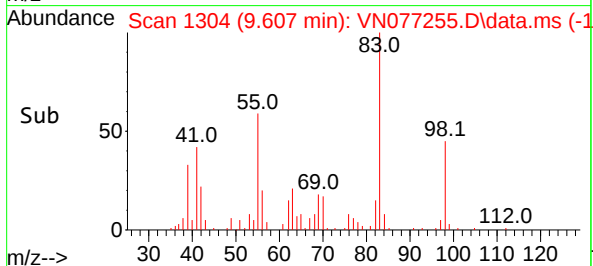
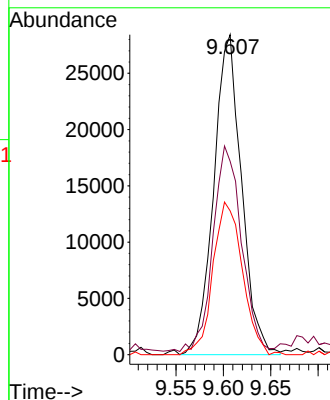
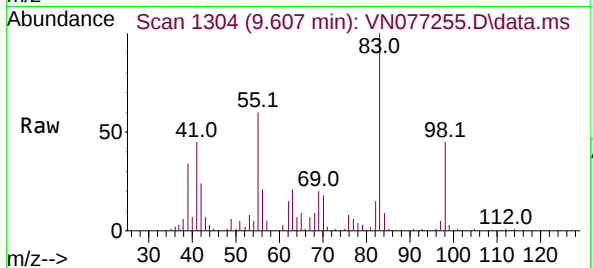
Tgt Ion: 83	Resp: 5798
Ion Ratio	Lower Upper
83	100
55	59.4 59.7 89.5
98	44.9 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#40

Benzene

Concen: 5.022 ug/l

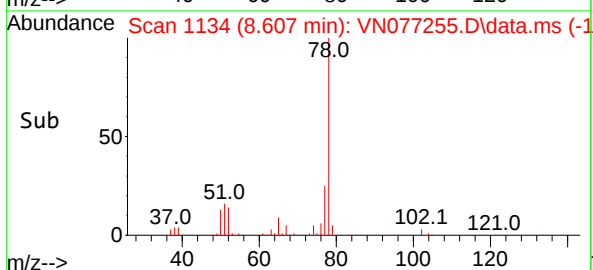
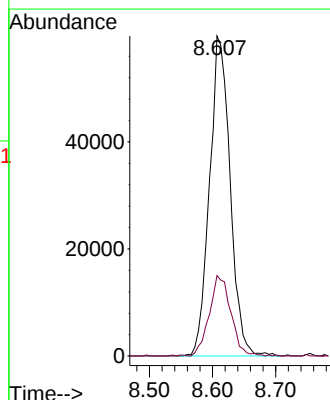
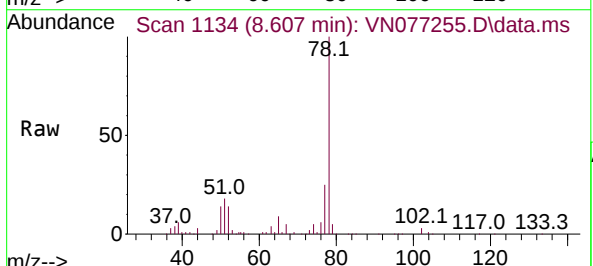
RT: 8.607 min Scan# 1134

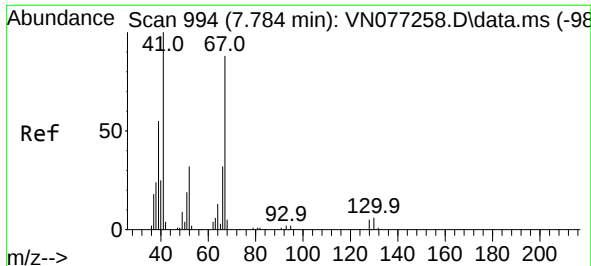
Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Tgt Ion: 78	Resp: 135642
Ion Ratio	Lower Upper
78	100
77	25.1 18.7 28.1





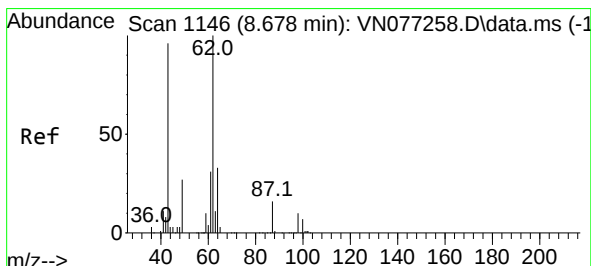
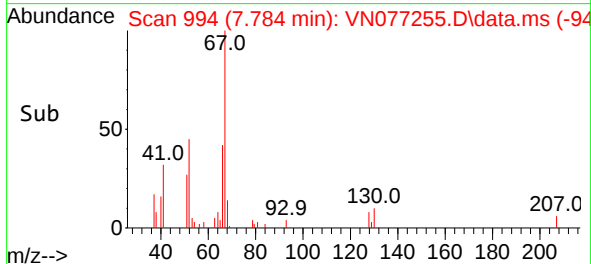
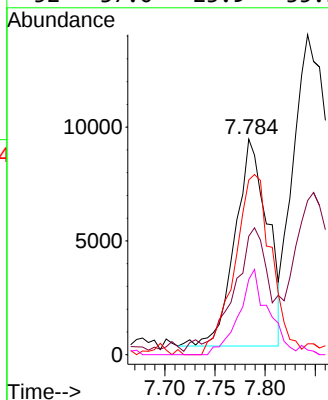
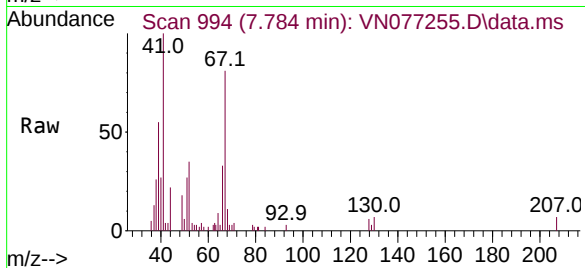
#41
Methacrylonitrile
Concen: 4.366 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 41 Resp: 2059
Ion Ratio Lower Upper
41 100
39 60.0 44.0 66.0
67 97.8 60.7 91.1
52 37.0 23.9 35.9#

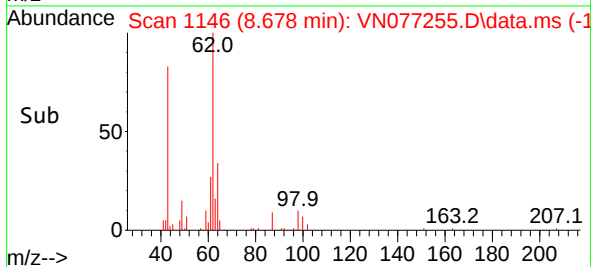
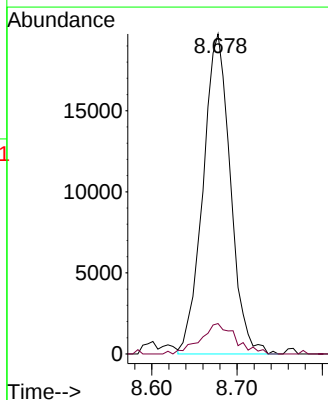
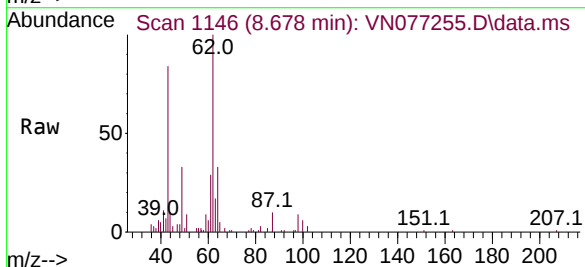
Manual Integrations
APPROVED

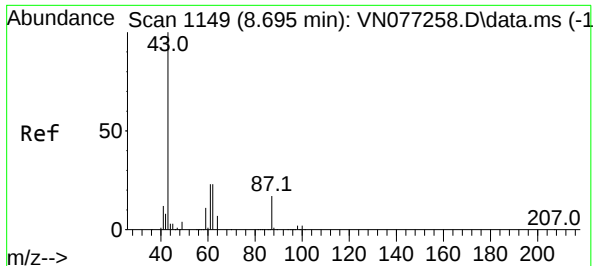
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#42
1,2-Dichloroethane
Concen: 4.985 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

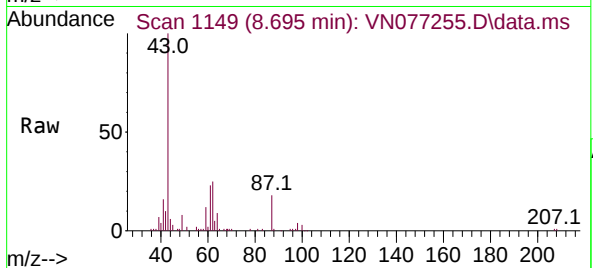
Tgt Ion: 62 Resp: 44060
Ion Ratio Lower Upper
62 100
98 12.2 0.0 20.8





#43
Isopropyl Acetate
Concen: 5.317 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

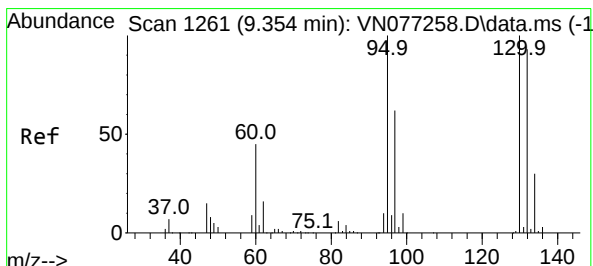
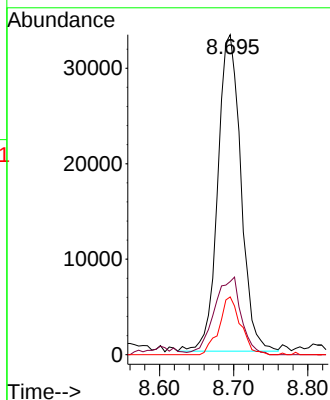
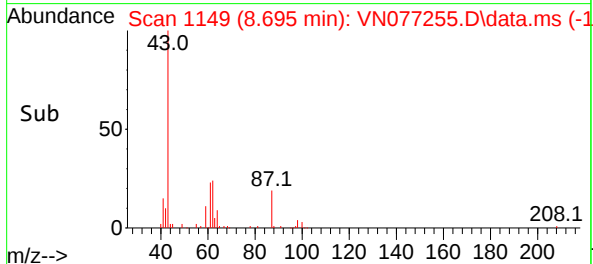
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



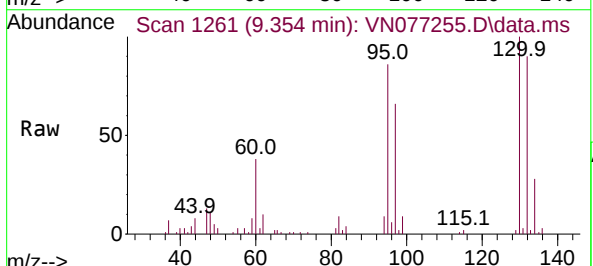
Tgt Ion: 43 Resp: 7198
Ion Ratio Lower Upper
43 100
61 28.5 22.2 33.2
87 17.0 11.3 16.9

Manual Integrations
APPROVED

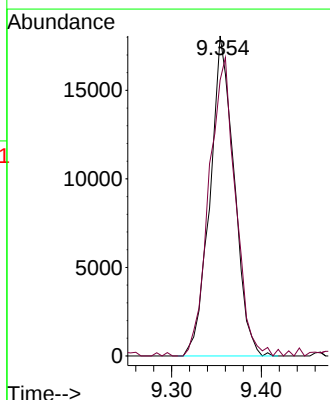
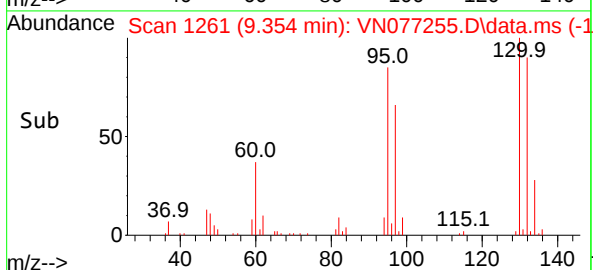
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

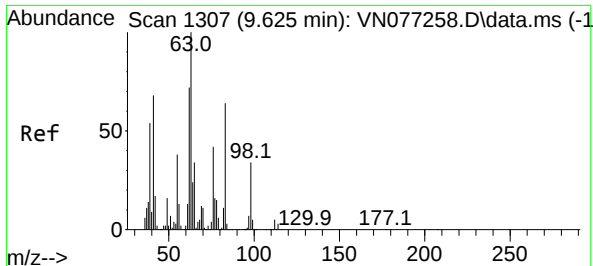


#44
Trichloroethene
Concen: 4.837 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15



Tgt Ion:130 Resp: 33801
Ion Ratio Lower Upper
130 100
95 86.2 0.0 197.8





#45

1,2-Dichloropropane

Concen: 4.956 ug/l

RT: 9.631 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 3561

Ion Ratio Lower Upper

63 100

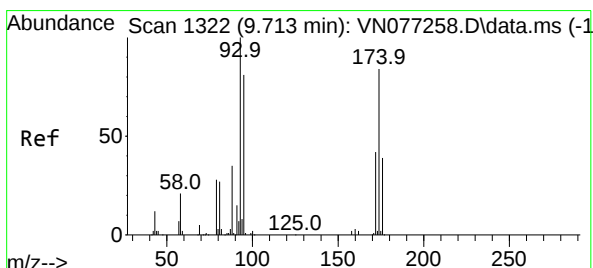
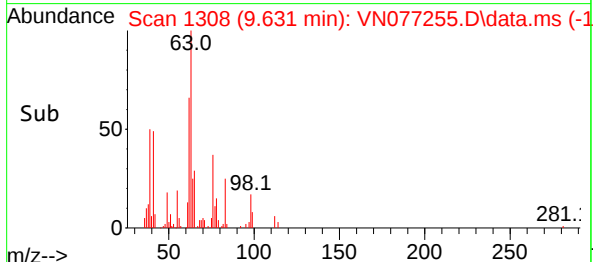
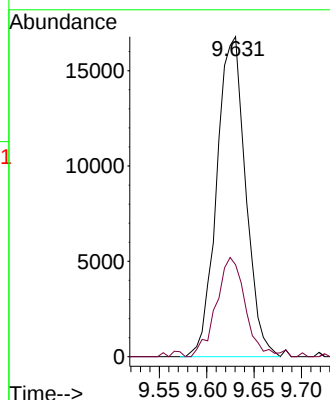
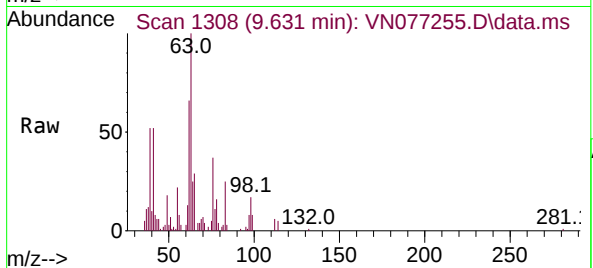
65 27.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#46

Dibromomethane

Concen: 5.193 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

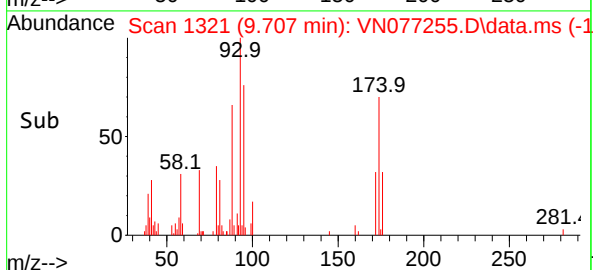
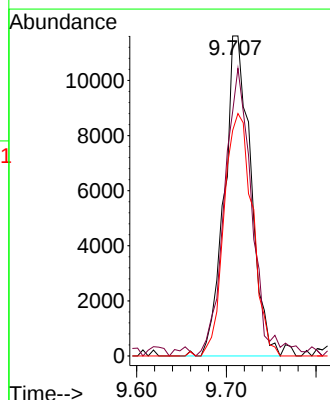
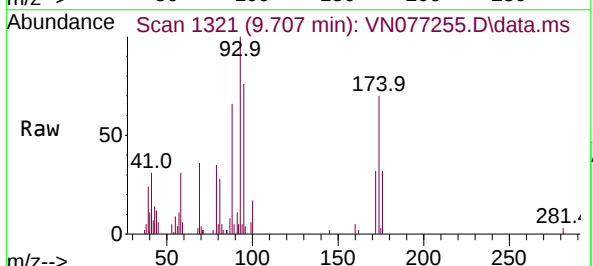
Tgt Ion: 93 Resp: 23724

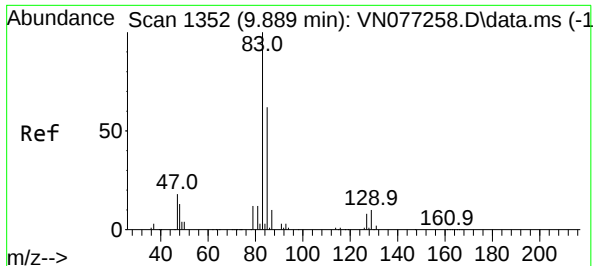
Ion Ratio Lower Upper

93 100

95 93.8 66.1 99.1

174 81.6 91.0 136.4#





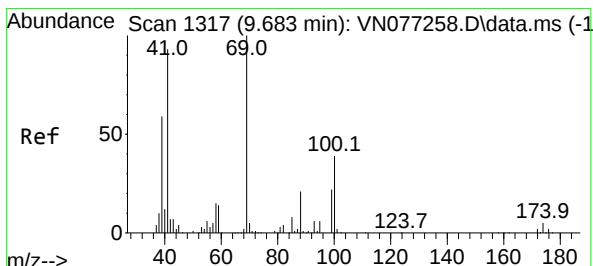
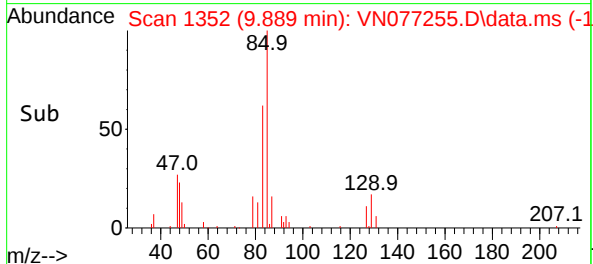
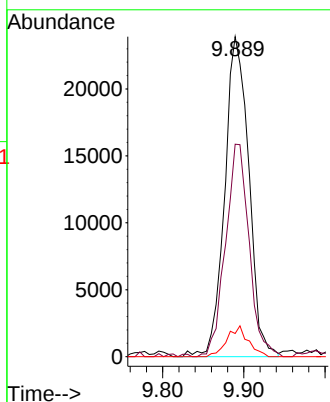
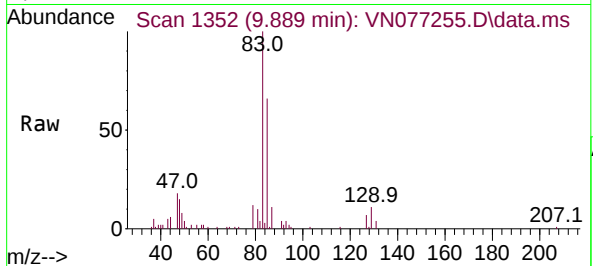
#47
Bromodichloromethane
Concen: 5.480 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 4928
Ion Ratio Lower Upper
83 100
85 66.4 51.3 76.9
127 7.3 6.6 10.0

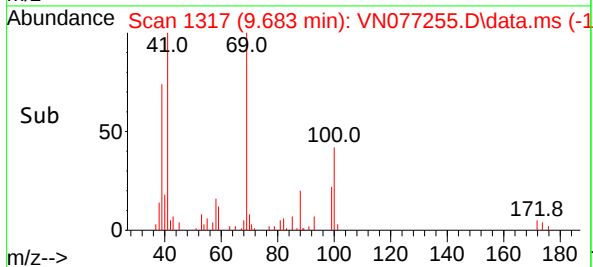
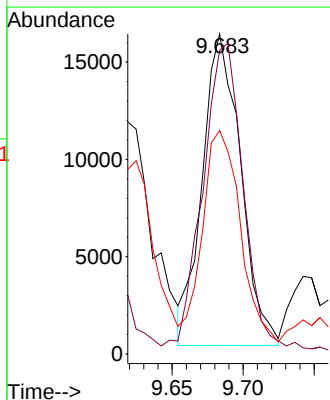
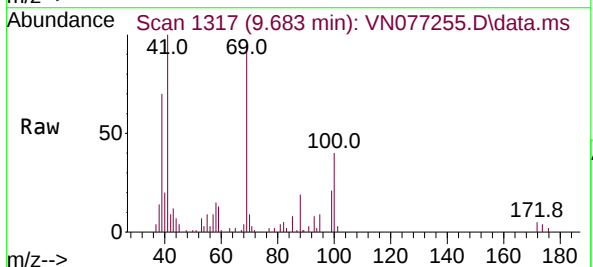
Manual Integrations
APPROVED

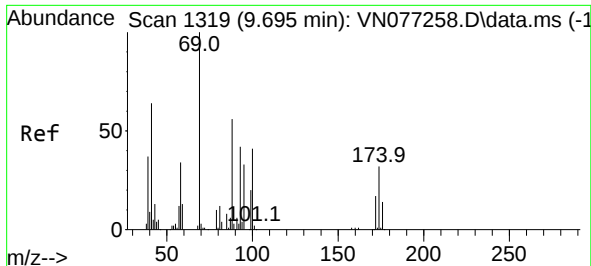
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#48
Methyl methacrylate
Concen: 4.608 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 41 Resp: 30093
Ion Ratio Lower Upper
41 100
69 104.4 70.7 106.1
39 70.7 40.6 61.0#





#49

1,4-Dioxane

Concen: 127.097 ug/l

RT: 9.707 min Scan# 1319

Delta R.T. 0.012 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

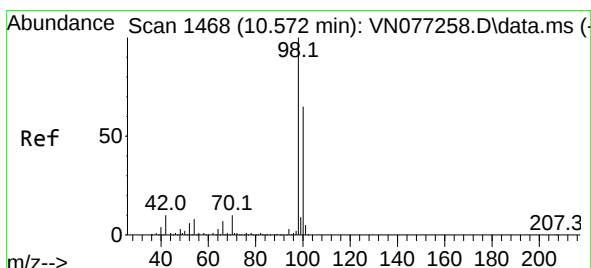
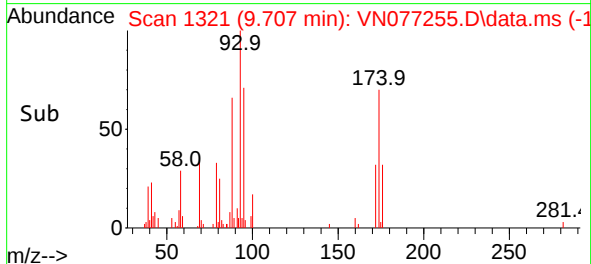
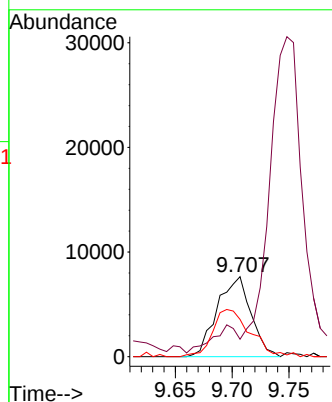
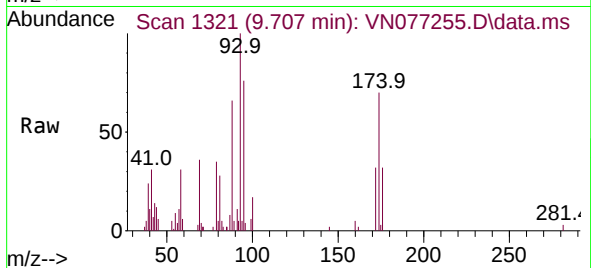
Tgt Ion:	88	Resp:	1579
Ion Ratio	Lower	Upper	
88	100		
43	26.2	21.2	31.8
58	66.1	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#50

Toluene-d8

Concen: 5.944 ug/l

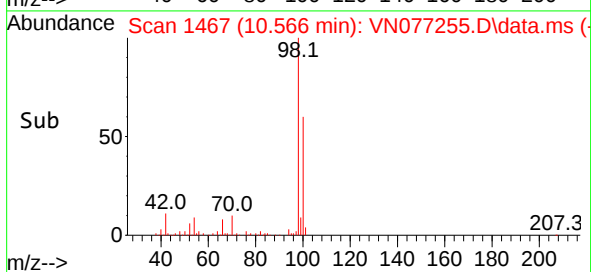
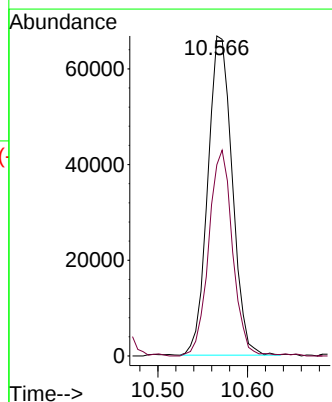
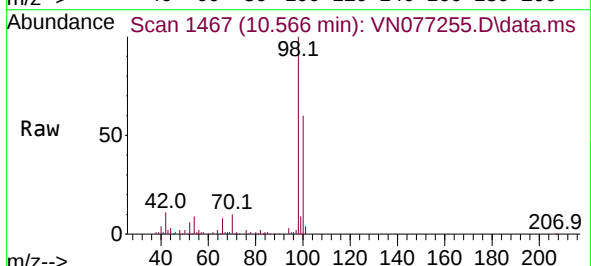
RT: 10.566 min Scan# 1467

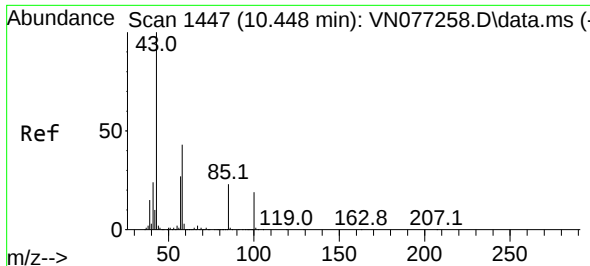
Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

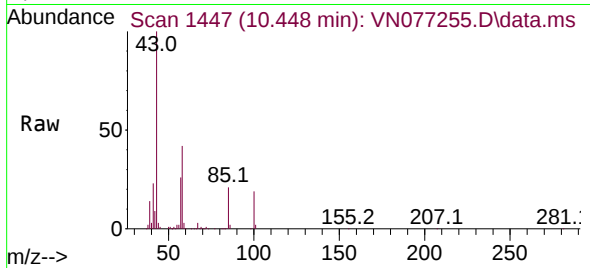
Tgt Ion:	98	Resp:	125974
Ion Ratio	Lower	Upper	
98	100		
100	62.8	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 25.210 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

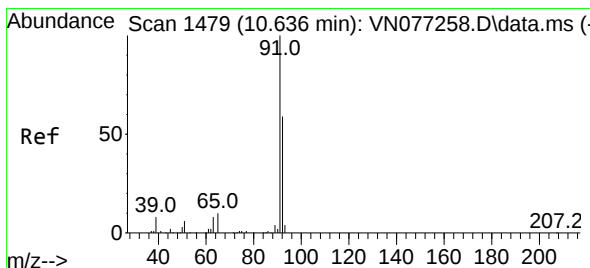
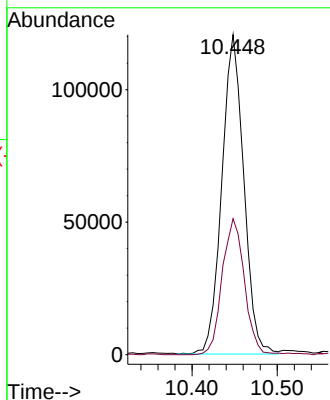
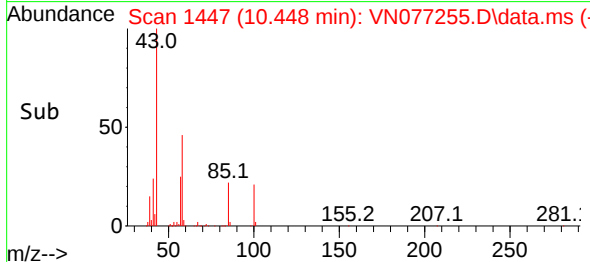
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



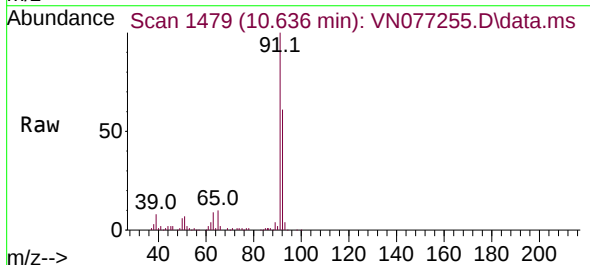
Tgt Ion: 43 Resp: 216130
Ion Ratio Lower Upper
43 100
58 43.4 33.3 49.9

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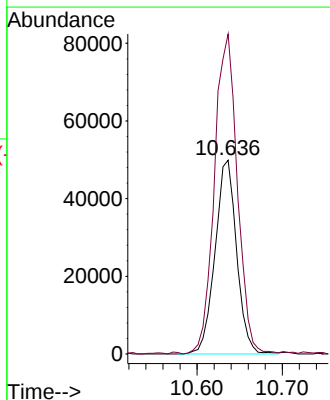
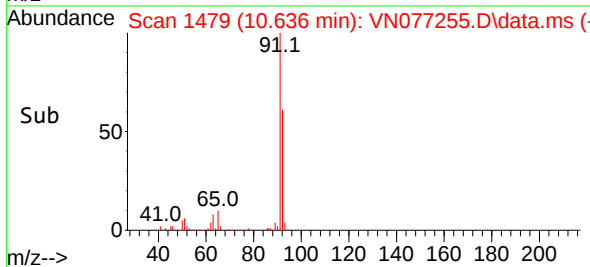
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

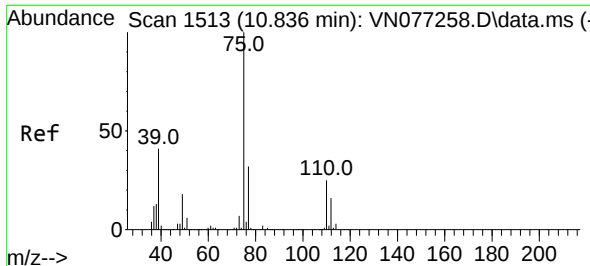


#52
Toluene
Concen: 5.372 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15



Tgt Ion: 92 Resp: 87763
Ion Ratio Lower Upper
92 100
91 175.3 138.8 208.2





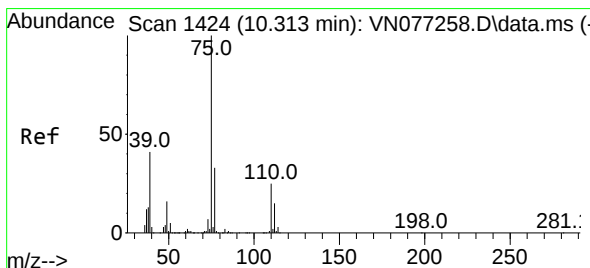
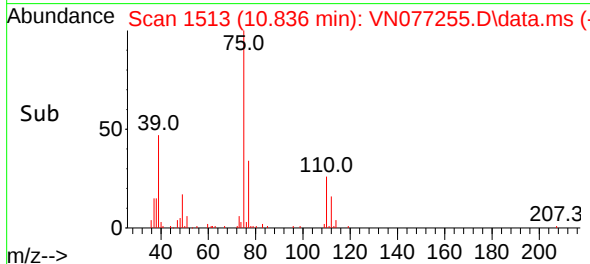
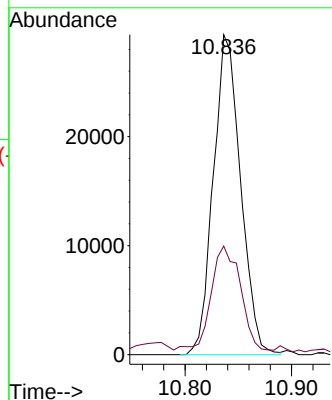
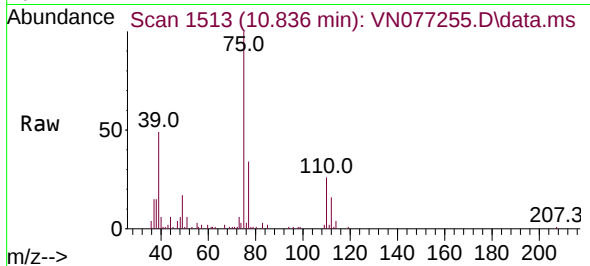
#53
 t-1,3-Dichloropropene
 Concen: 5.875 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 52118
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.8

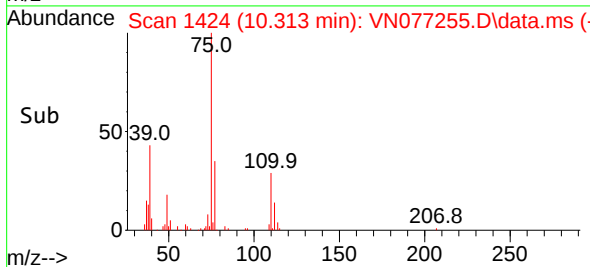
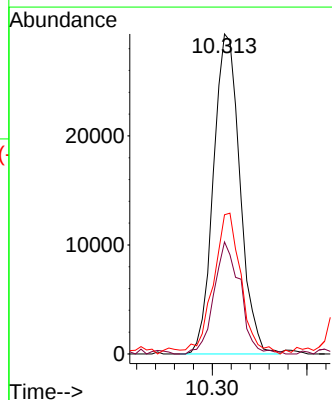
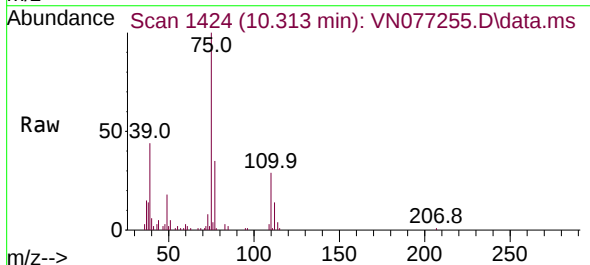
Manual Integrations
 APPROVED

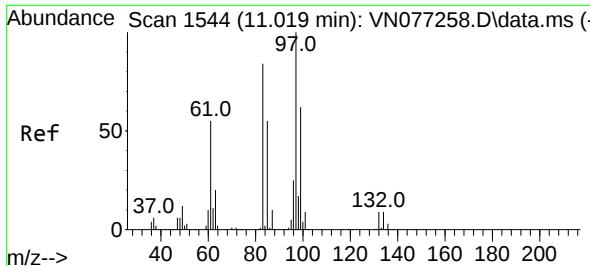
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#54
 cis-1,3-Dichloropropene
 Concen: 5.545 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

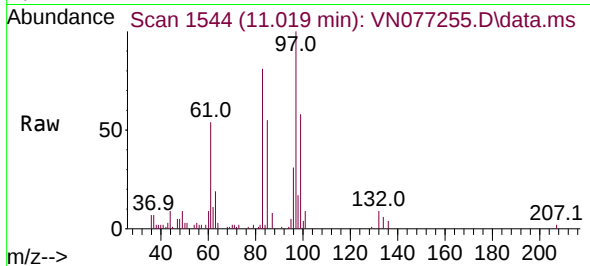
Tgt Ion: 75 Resp: 57144
 Ion Ratio Lower Upper
 75 100
 77 35.0 24.8 37.2
 39 43.5 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 5.766 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

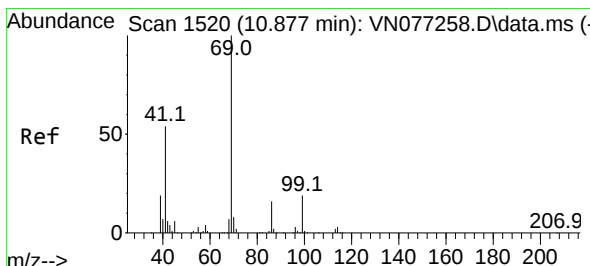
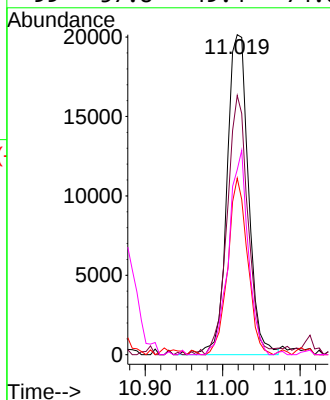
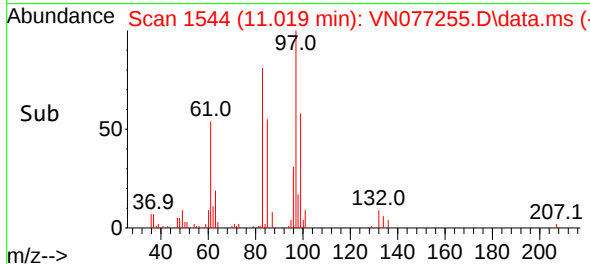
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.3	68.4	102.6
85	54.3	43.2	64.8
99	57.8	49.4	74.0

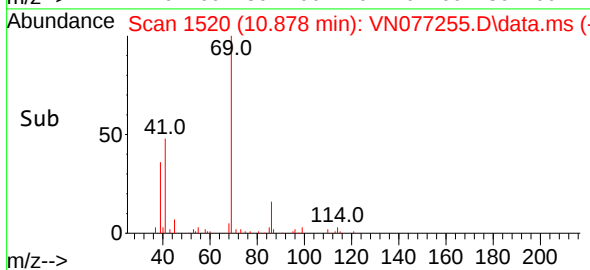
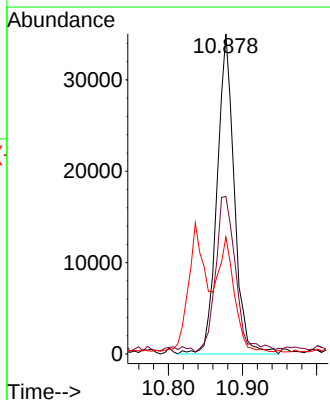
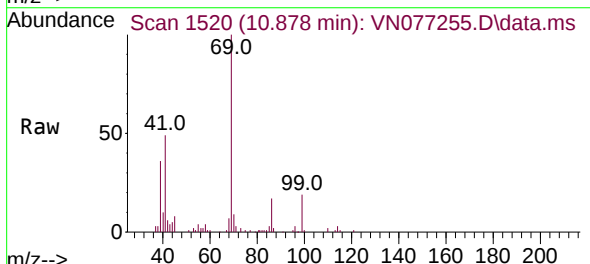
Manual Integrations
APPROVED

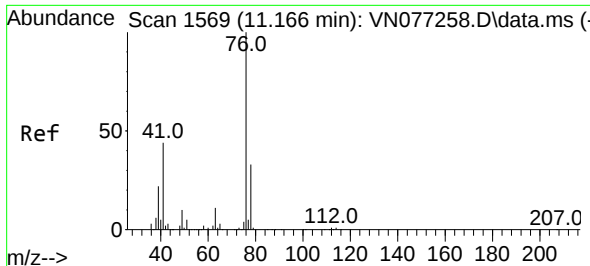
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#56
Ethyl methacrylate
Concen: 6.036 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.8	49.9	74.9
39	33.2	21.9	32.9





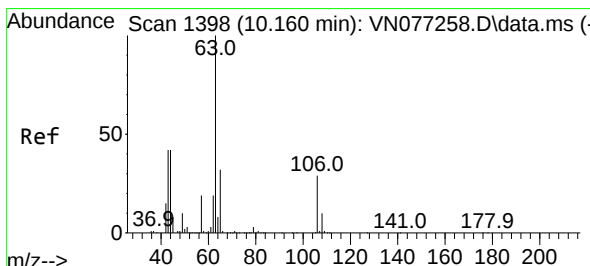
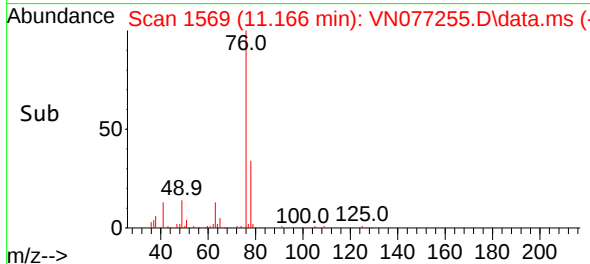
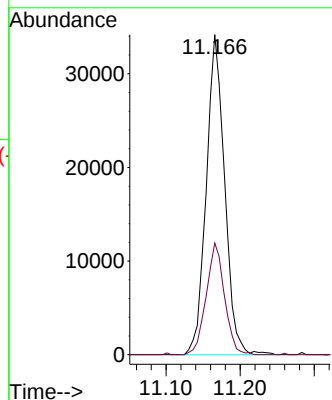
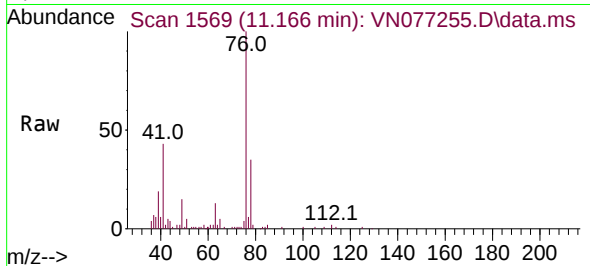
#57
1,3-Dichloropropane
Concen: 5.132 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 58912
Ion Ratio Lower Upper
76 100
78 34.7 25.9 38.9

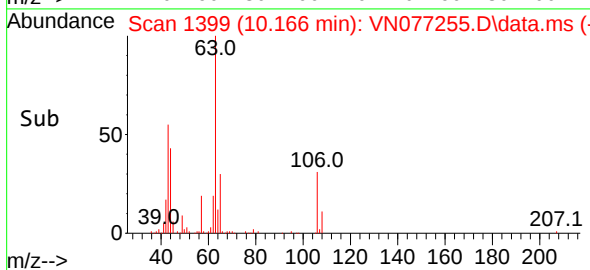
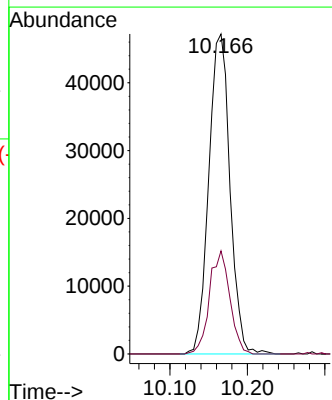
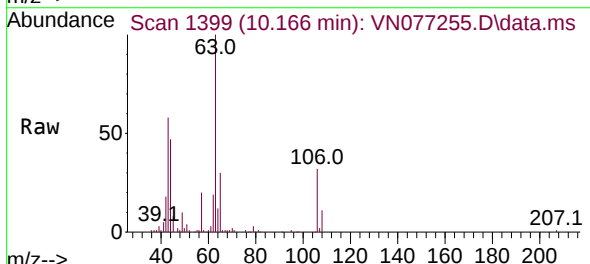
Manual Integrations
APPROVED

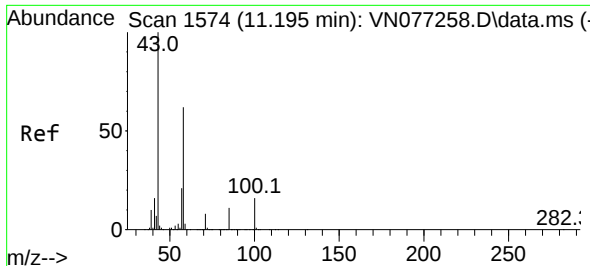
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 27.683 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

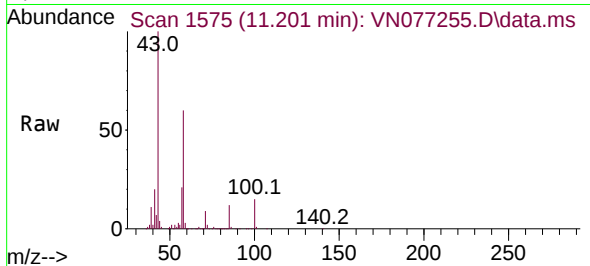
Tgt Ion: 63 Resp: 89526
Ion Ratio Lower Upper
63 100
106 31.0 22.6 33.8





#59
2-Hexanone
Concen: 25.516 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

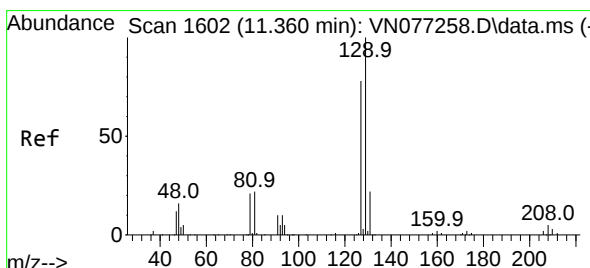
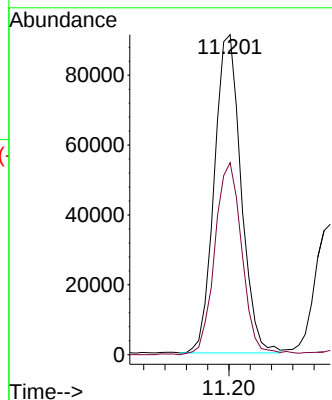
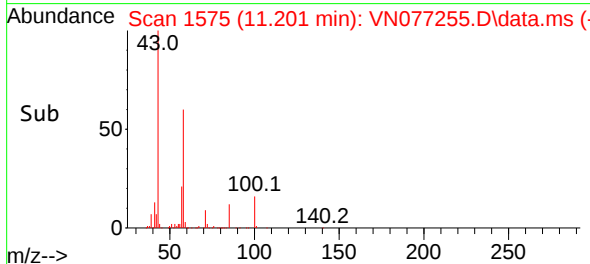
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 15875
Ion Ratio Lower Upper
43 100
58 61.2 29.3 88.0

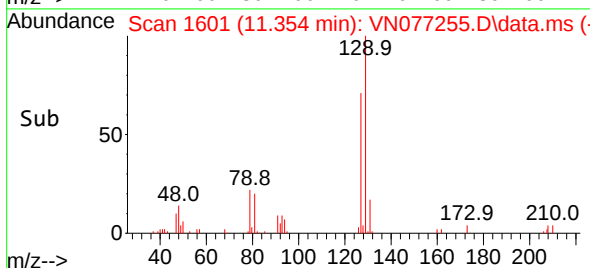
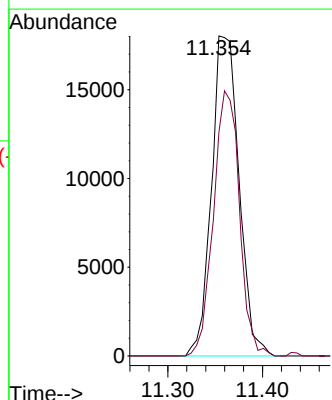
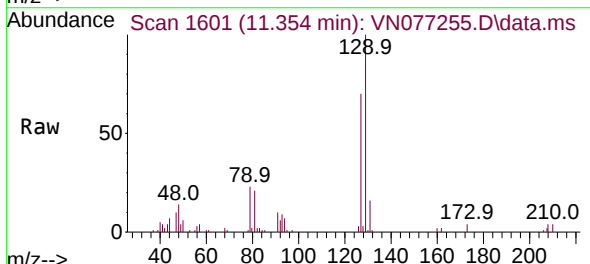
Manual Integrations
APPROVED

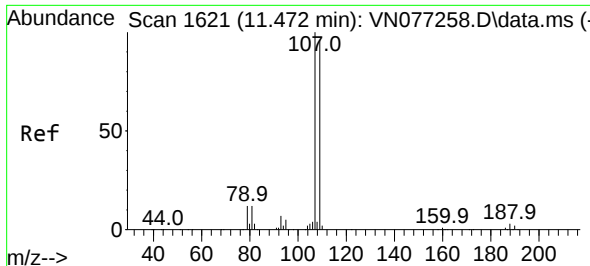
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#60
Dibromochloromethane
Concen: 5.189 ug/l
RT: 11.354 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:129 Resp: 36437
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.3





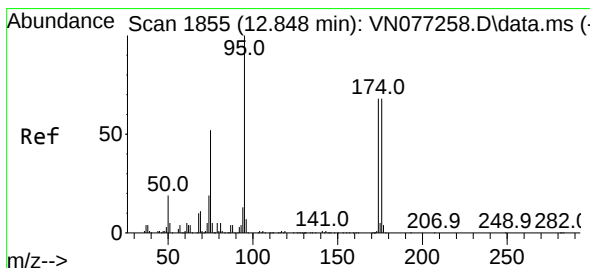
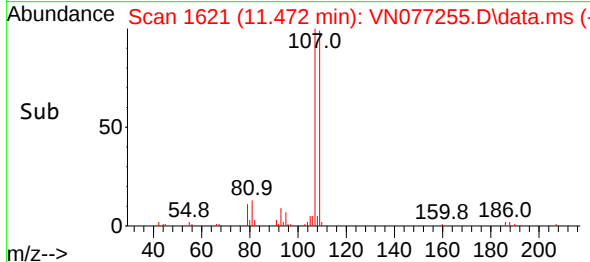
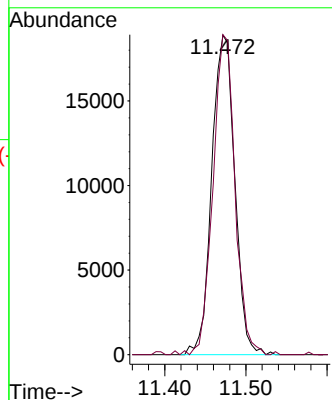
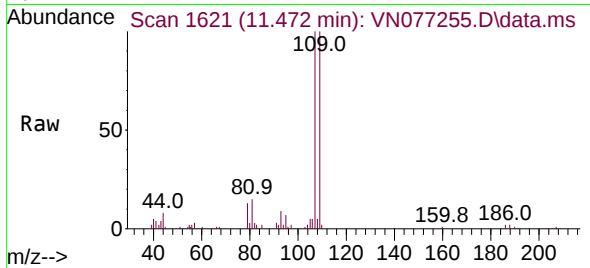
#61
1,2-Dibromoethane
Concen: 5.665 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 37170
Ion Ratio Lower Upper
107 100
109 95.8 75.7 113.5

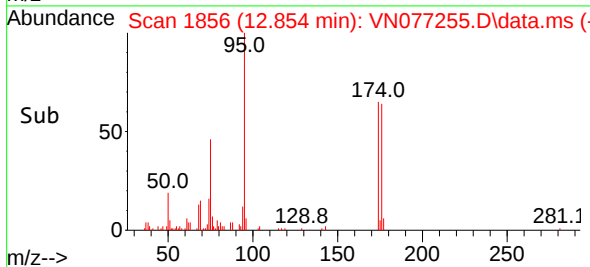
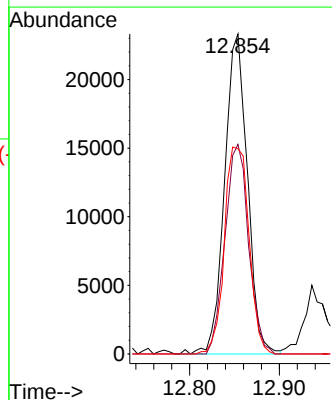
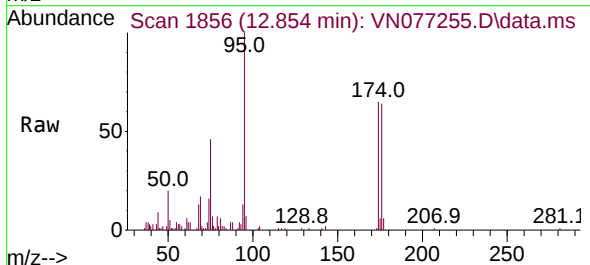
Manual Integrations
APPROVED

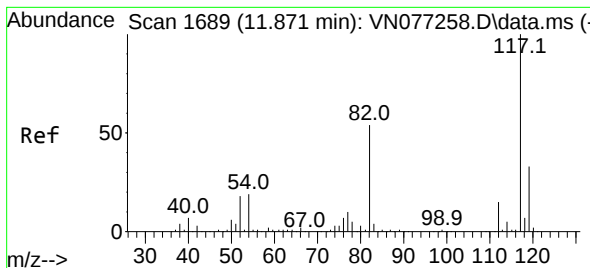
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#62
4-Bromofluorobenzene
Concen: 5.866 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

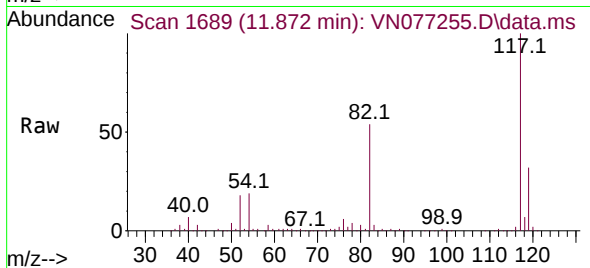
Tgt Ion: 95 Resp: 41151
Ion Ratio Lower Upper
95 100
174 67.8 0.0 179.2
176 69.6 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

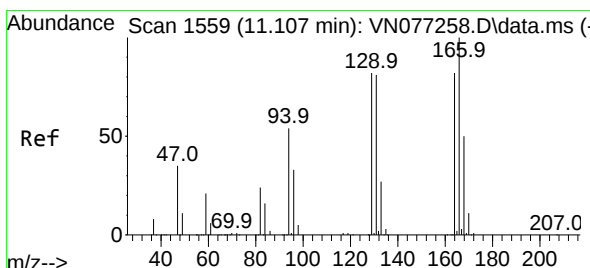
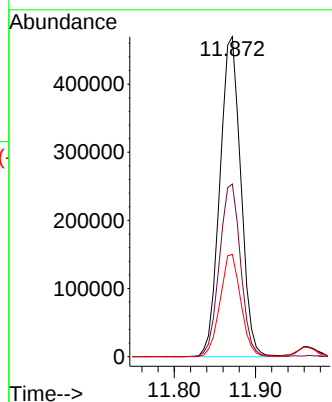
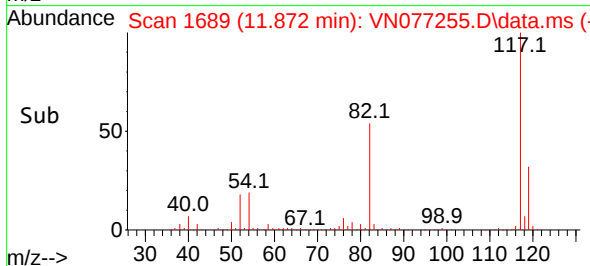
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:117 Resp: 84253
Ion Ratio Lower Upper
117 100
82 54.0 42.9 64.3
119 32.0 25.3 37.9

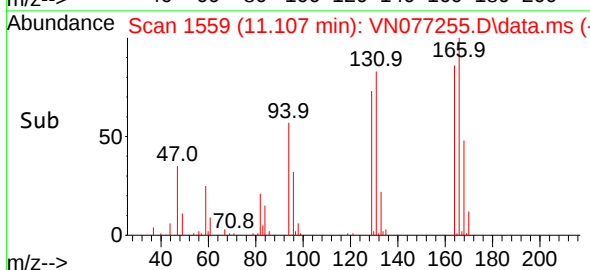
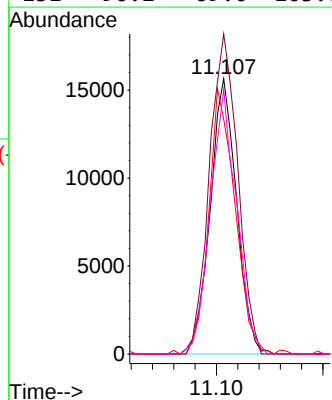
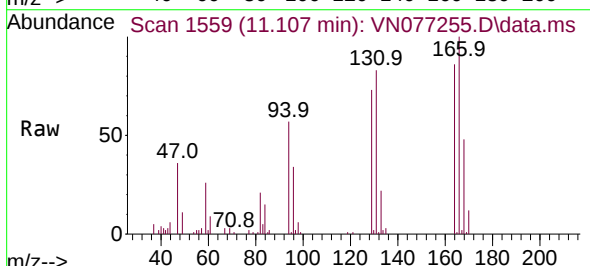
Manual Integrations
APPROVED

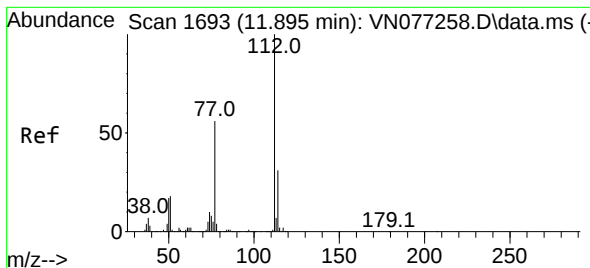
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#64
Tetrachloroethene
Concen: 4.348 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

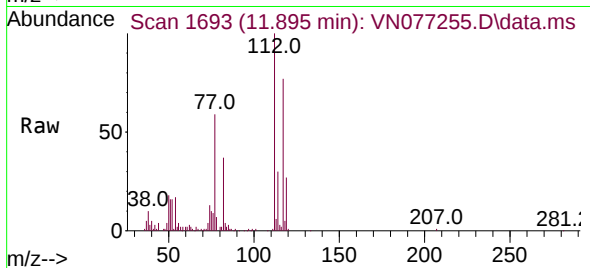
Tgt Ion:164 Resp: 26823
Ion Ratio Lower Upper
164 100
166 116.3 106.0 159.0
129 85.3 72.4 108.6
131 96.2 69.0 103.6





#65
Chlorobenzene
Concen: 5.288 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

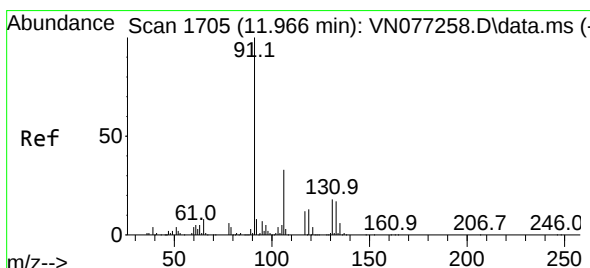
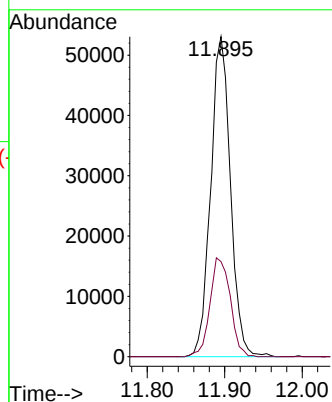
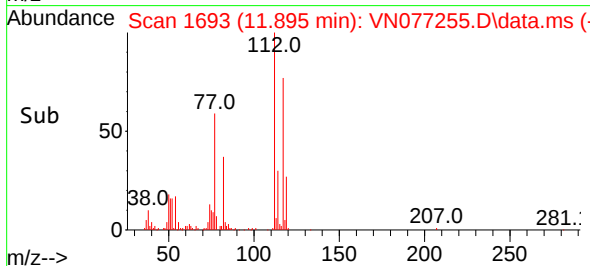
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:112 Resp: 94069
Ion Ratio Lower Upper
112 100
114 29.7 25.9 38.9

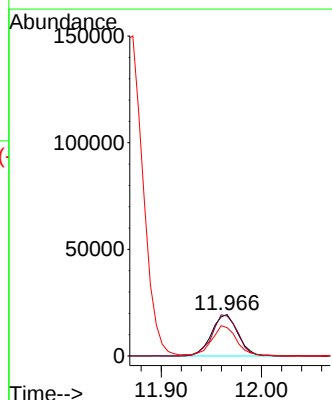
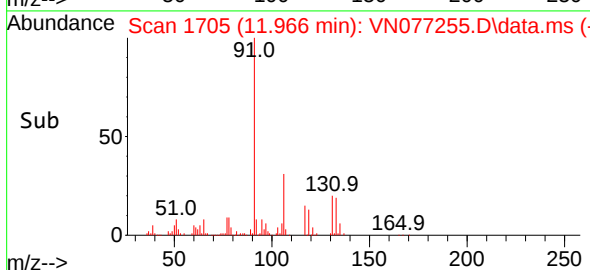
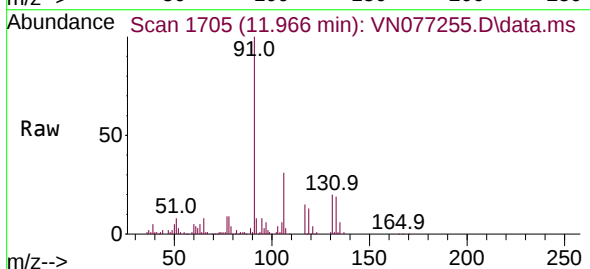
Manual Integrations
APPROVED

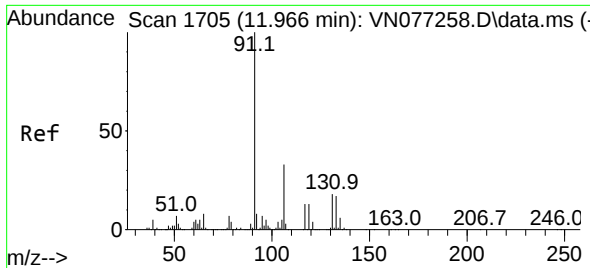
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 5.184 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

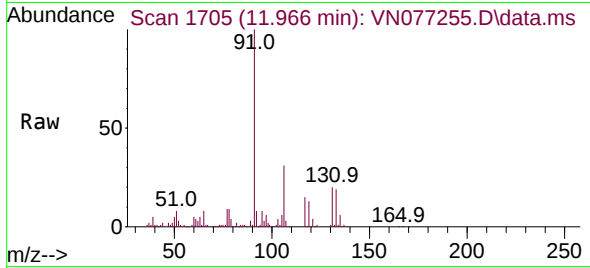
Tgt Ion:131 Resp: 35340
Ion Ratio Lower Upper
131 100
133 97.5 46.5 139.5
119 69.1 32.0 96.2





#67
Ethyl Benzene
Concen: 5.623 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

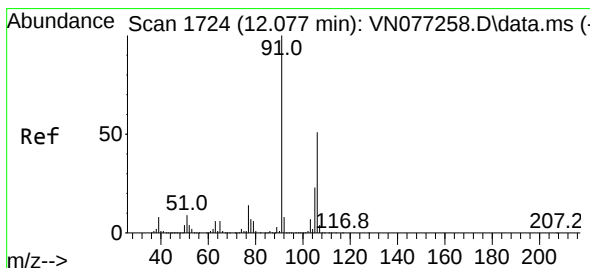
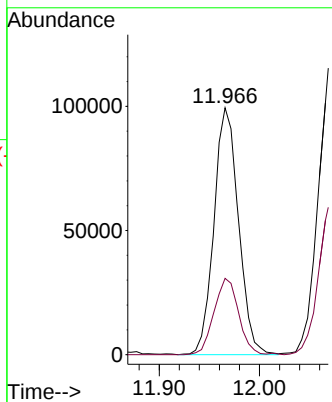
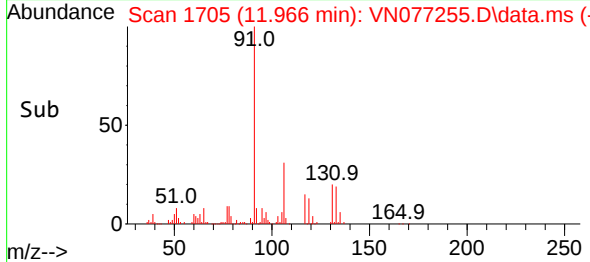
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



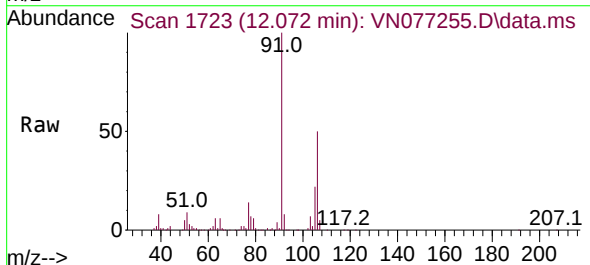
Tgt Ion: 91 Resp: 16861
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

Manual Integrations
APPROVED

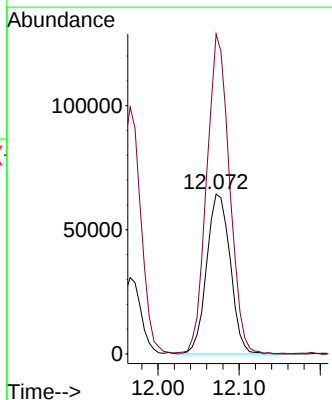
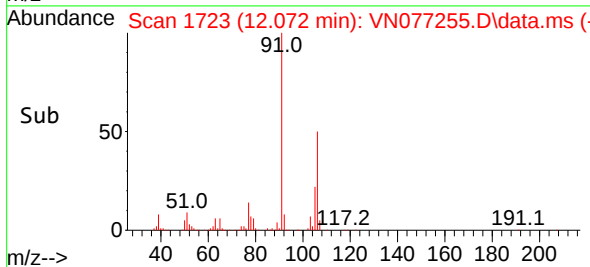
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

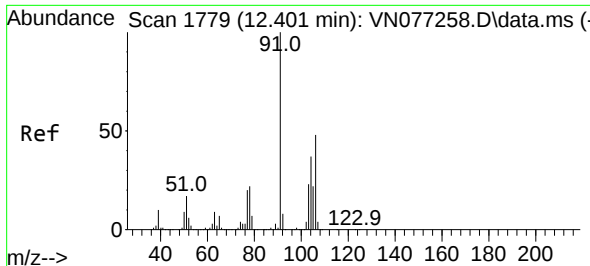


#68
m/p-Xylenes
Concen: 11.148 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15



Tgt Ion:106 Resp: 130029
Ion Ratio Lower Upper
106 100
91 193.0 158.6 238.0





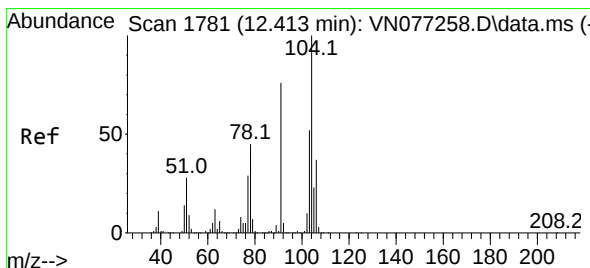
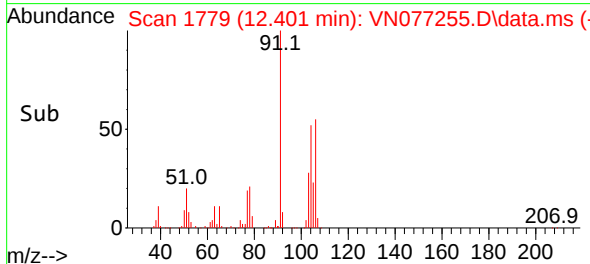
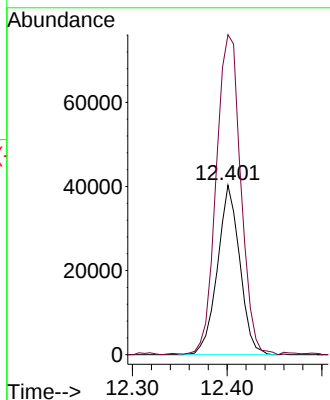
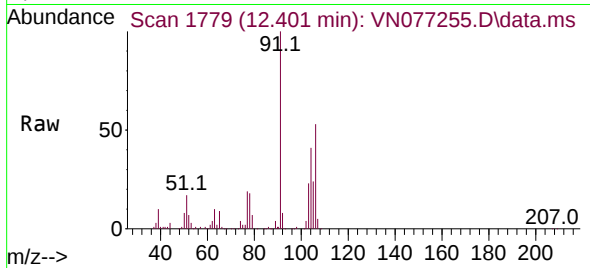
#69
o-Xylene
Concen: 5.863 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 6595
Ion Ratio Lower Upper
106 100
91 208.2 104.7 314.1

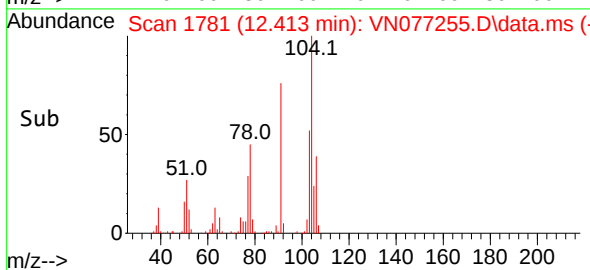
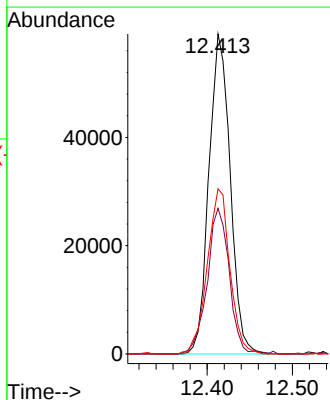
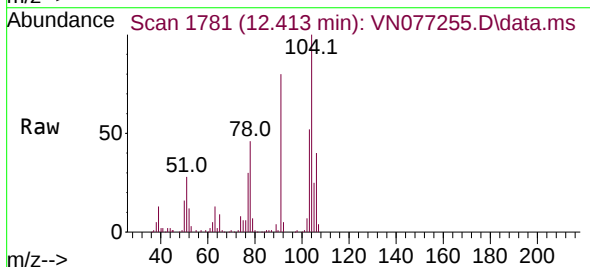
Manual Integrations
APPROVED

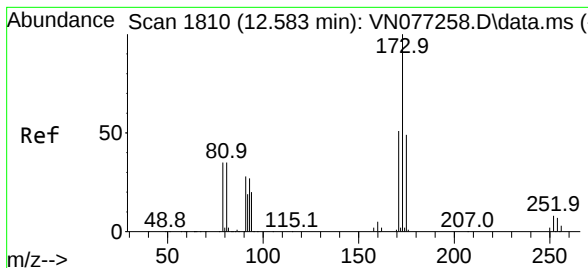
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#70
Styrene
Concen: 5.716 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:104 Resp: 102353
Ion Ratio Lower Upper
104 100
78 47.2 38.7 58.1
103 54.8 44.5 66.7





#71

Bromoform

Concen: 4.632 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:173 Resp: 2478

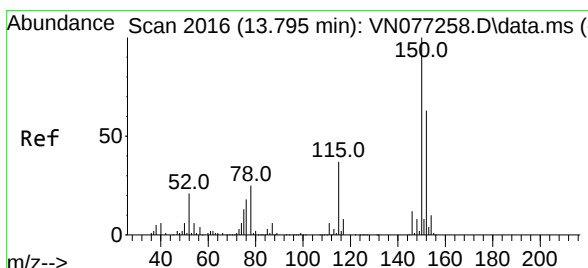
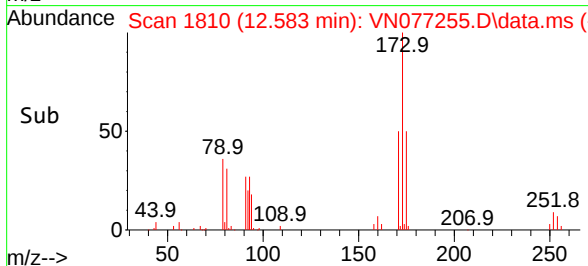
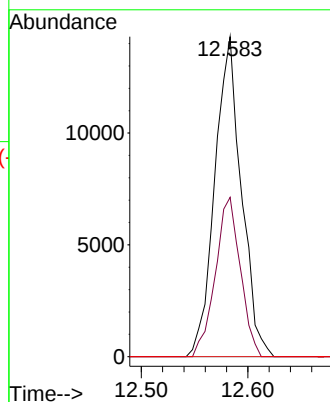
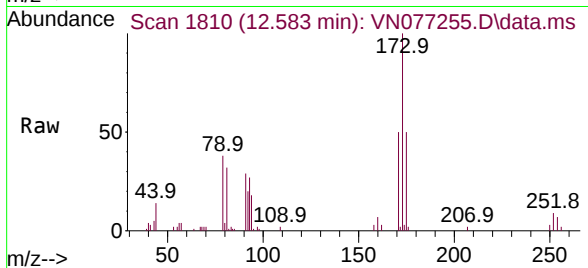
Ion	Ratio	Lower	Upper
173	100		
175	46.7	24.6	73.8
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

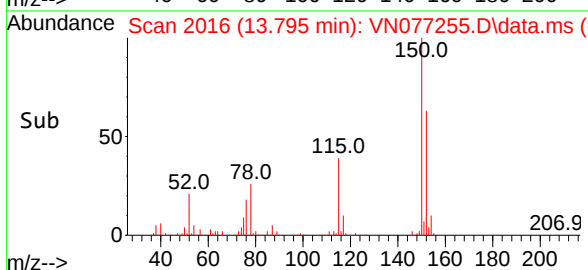
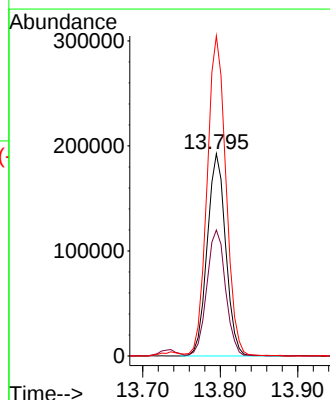
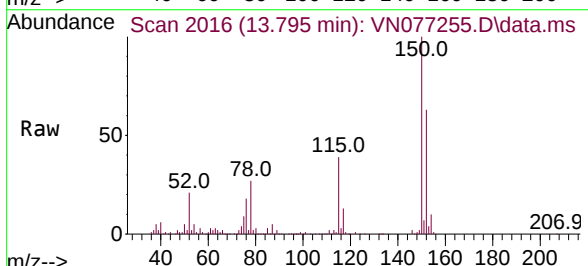
Delta R.T. 0.000 min

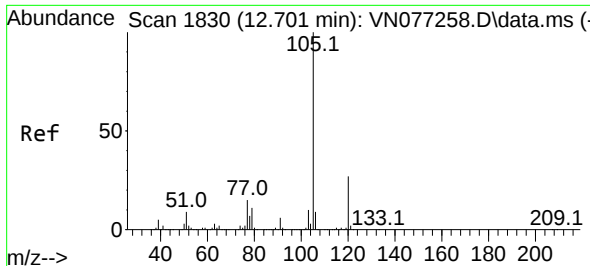
Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Tgt Ion:152 Resp: 317978

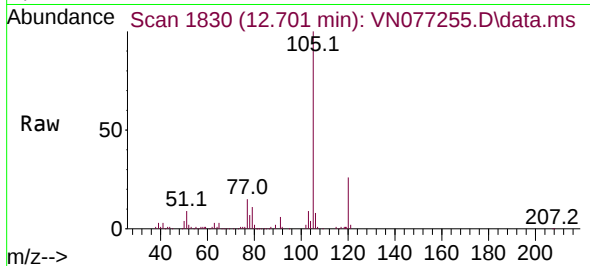
Ion	Ratio	Lower	Upper
152	100		
115	63.4	27.9	83.6
150	161.6	0.0	346.4





#73
Isopropylbenzene
Concen: 6.918 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

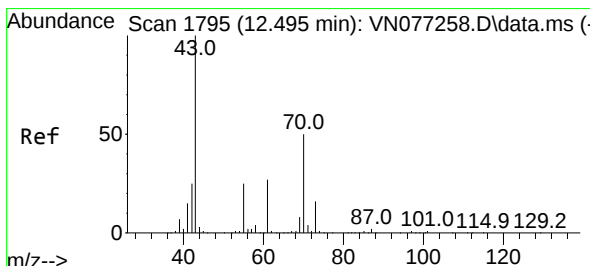
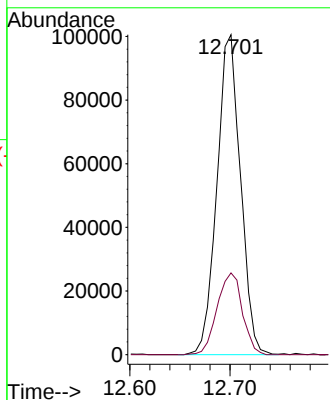
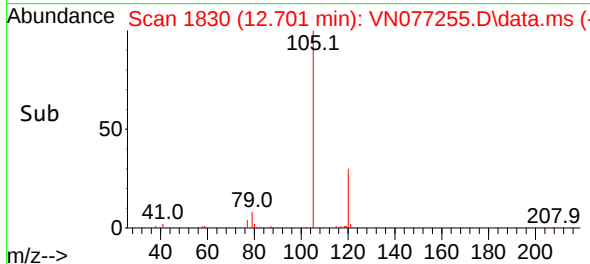
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:105 Resp: 16404
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1

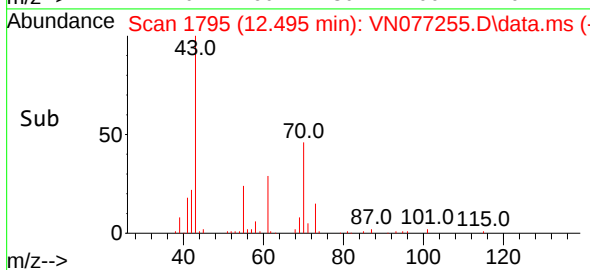
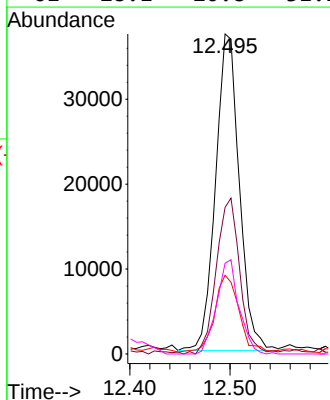
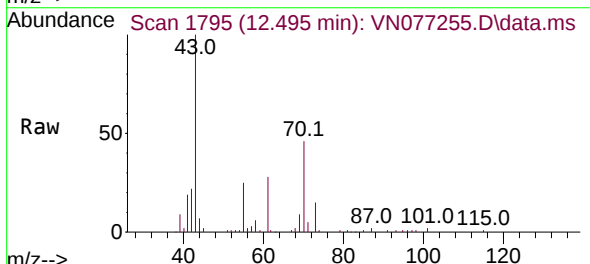
Manual Integrations
APPROVED

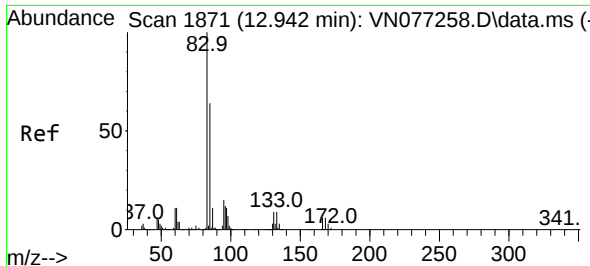
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#74
N-ethyl acetate
Concen: 7.020 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

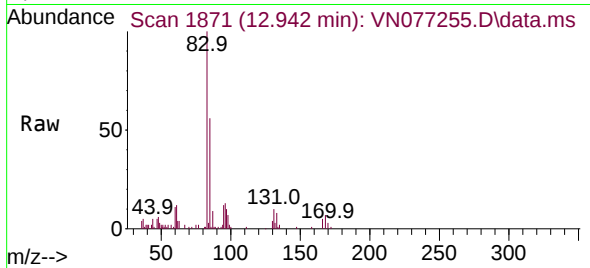
Tgt Ion: 43 Resp: 61364
Ion Ratio Lower Upper
43 100
70 48.6 37.5 56.3
55 24.5 21.4 32.0
61 28.1 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 6.792 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

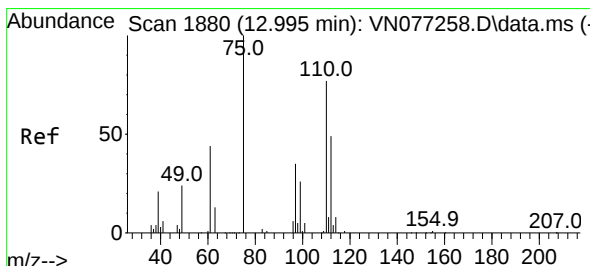
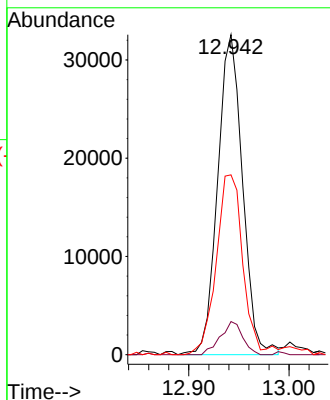
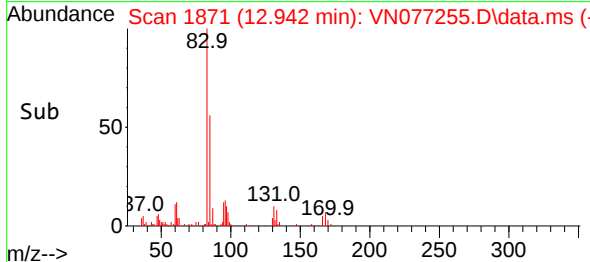
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 56010
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 59.4 32.3 96.9

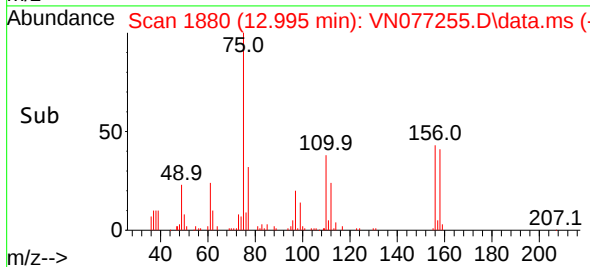
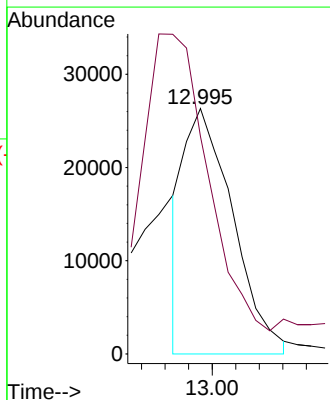
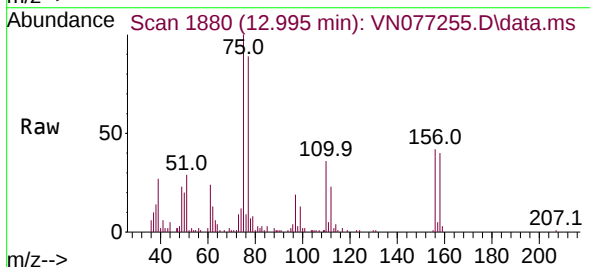
Manual Integrations
APPROVED

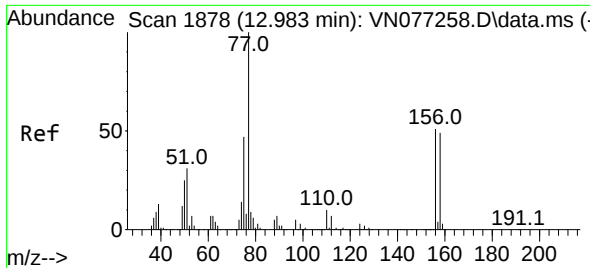
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#76
1,2,3-Trichloropropane
Concen: 5.365 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 75 Resp: 38126
Ion Ratio Lower Upper
75 100
77 192.2 93.7 280.9





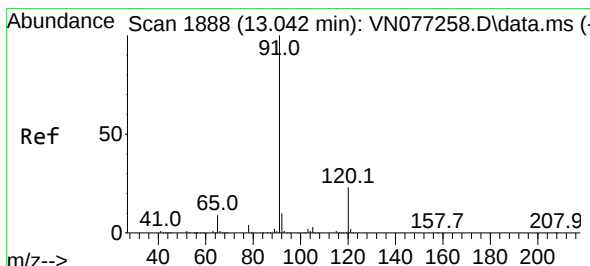
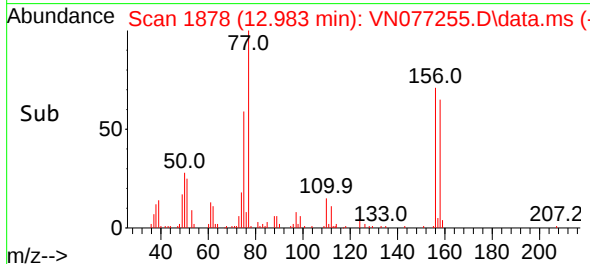
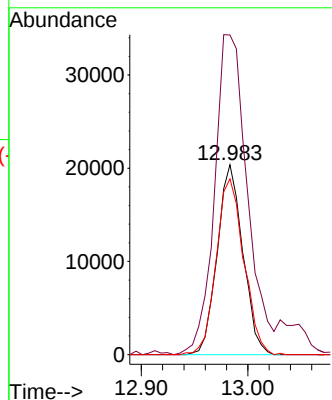
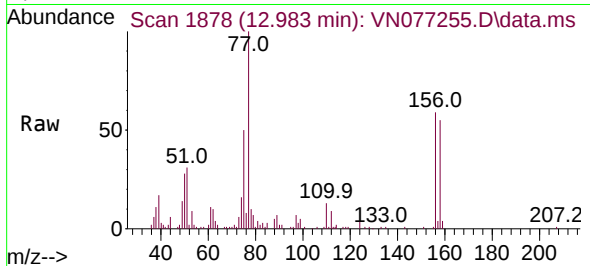
#77
Bromobenzene
Concen: 5.354 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 156 Resp: 3399
Ion Ratio Lower Upper
156 100
77 215.5 97.0 291.2
158 99.8 49.1 147.3

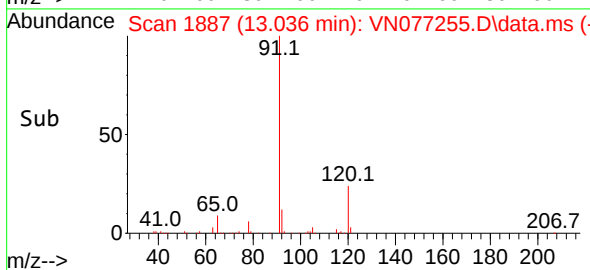
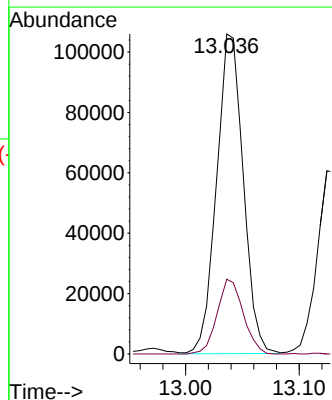
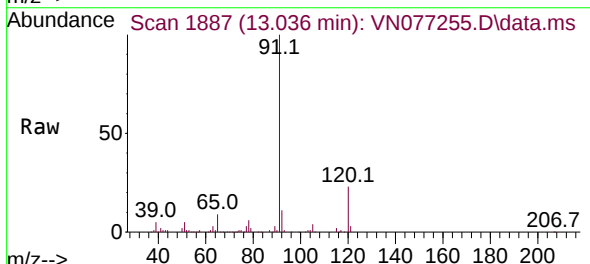
Manual Integrations
APPROVED

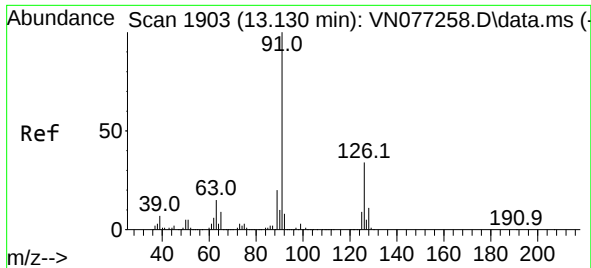
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#78
n-propylbenzene
Concen: 6.614 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 91 Resp: 172956
Ion Ratio Lower Upper
91 100
120 22.8 11.7 35.1





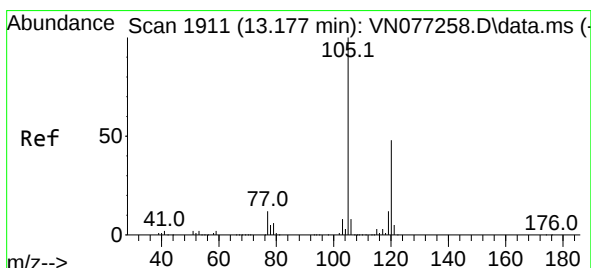
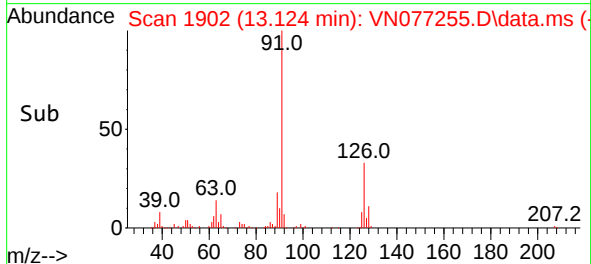
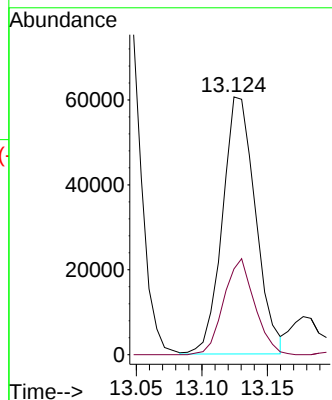
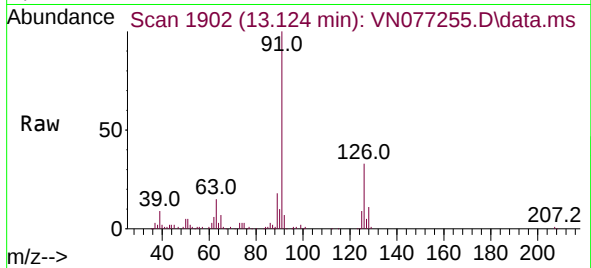
#79
2-Chlorotoluene
Concen: 6.324 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 106364
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

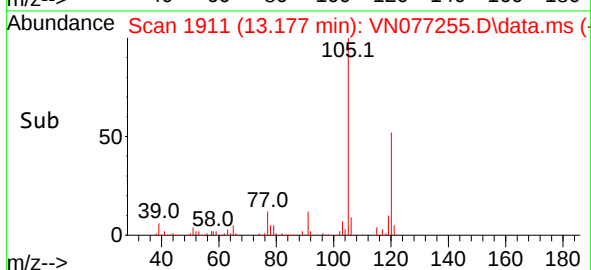
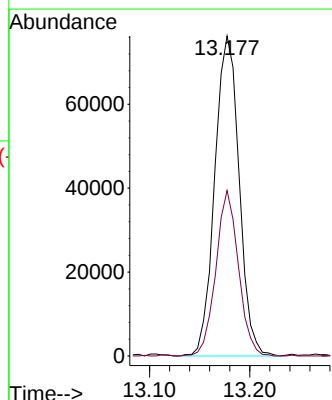
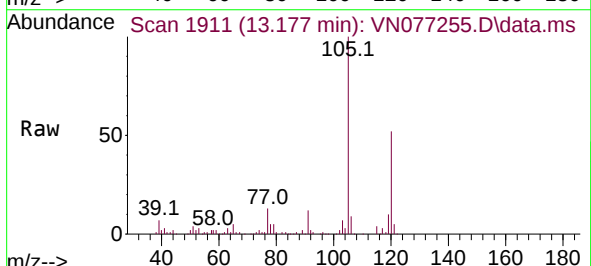
Manual Integrations
APPROVED

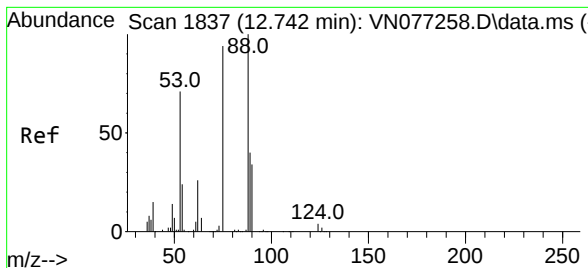
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 6.754 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

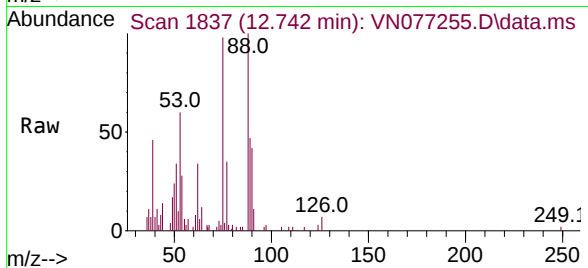
Tgt Ion:105 Resp: 128739
Ion Ratio Lower Upper
105 100
120 47.9 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 6.947 ug/l m
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

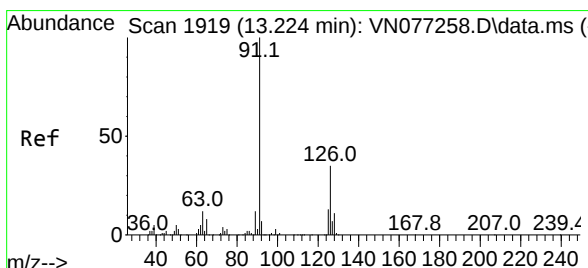
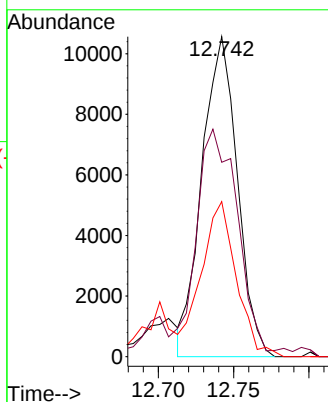
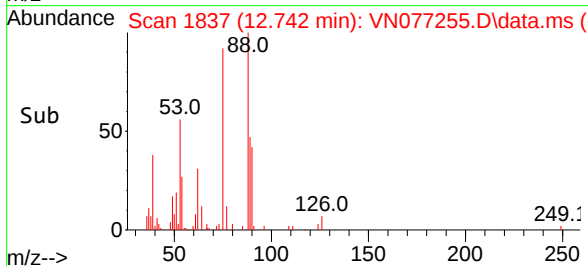
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 17265
Ion Ratio Lower Upper
75 100
53 79.3 74.1 111.1
89 48.2 36.3 54.5

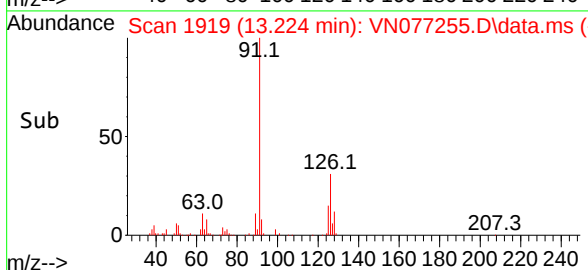
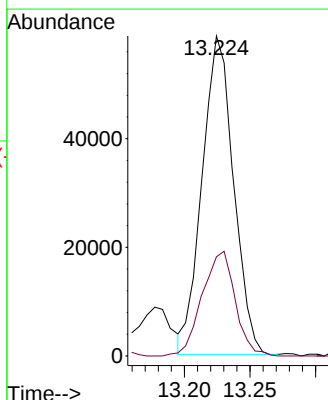
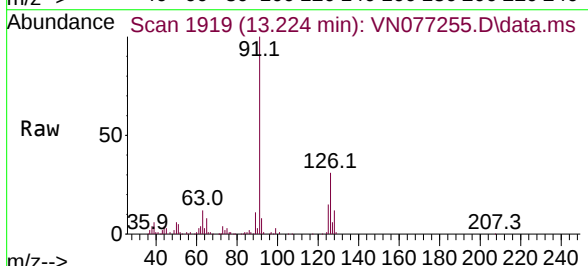
Manual Integrations
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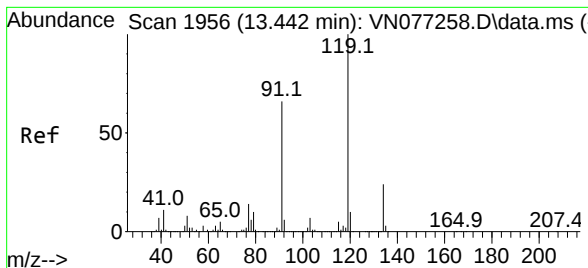
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#82
4-Chlorotoluene
Concen: 6.180 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 91 Resp: 97665
Ion Ratio Lower Upper
91 100
126 34.5 17.6 52.8





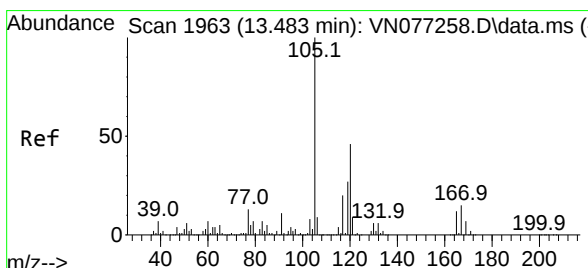
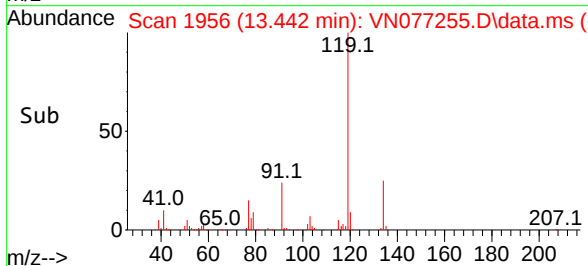
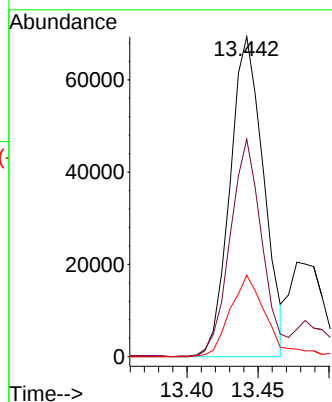
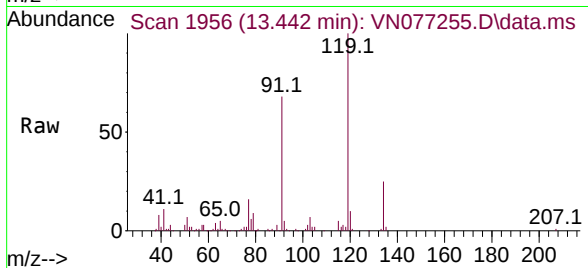
#83
tert-Butylbenzene
Concen: 6.562 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 11395
Ion Ratio Lower Upper
119 100
91 65.3 31.4 94.0
134 27.7 13.7 41.0

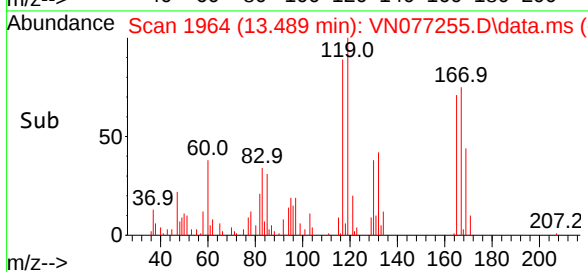
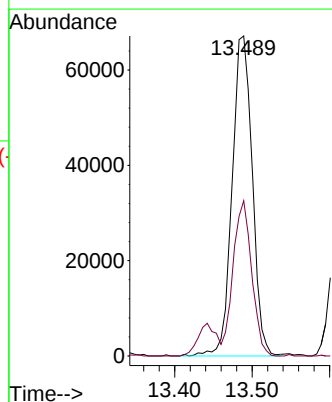
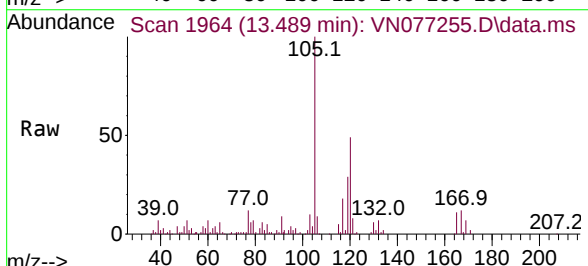
Manual Integrations
APPROVED

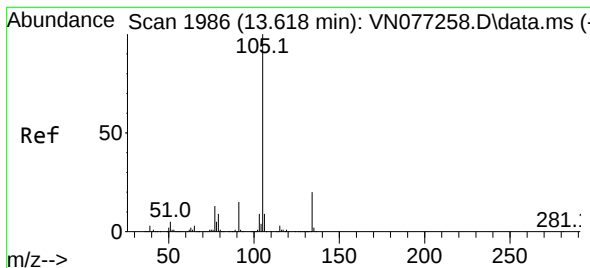
Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 6.519 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

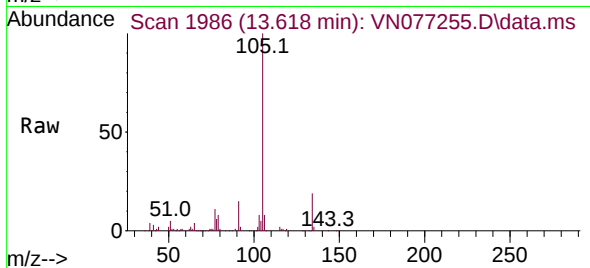
Tgt Ion:105 Resp: 121352
Ion Ratio Lower Upper
105 100
120 44.8 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 6.495 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

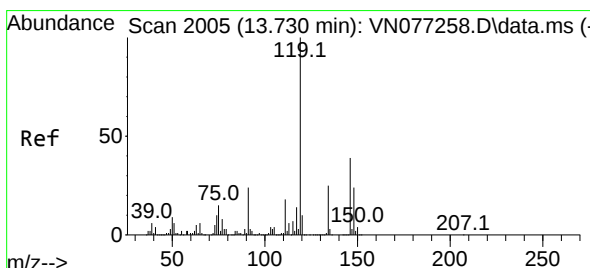
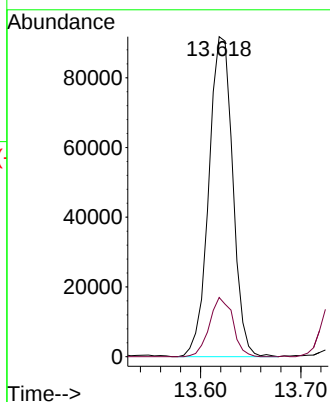
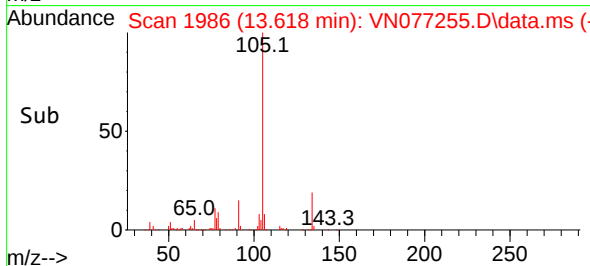
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



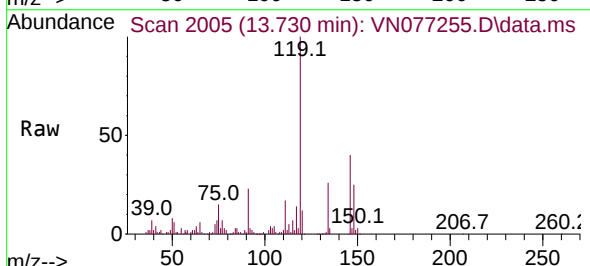
Tgt Ion:105 Resp: 15228
 Ion Ratio Lower Upper
 105 100
 134 18.1 10.4 31.2

Manual Integrations
 APPROVED

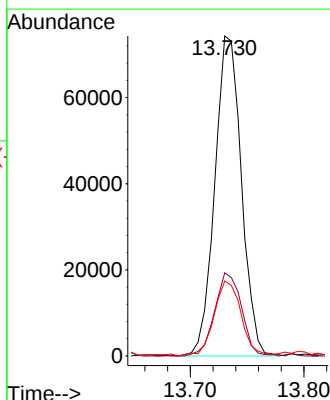
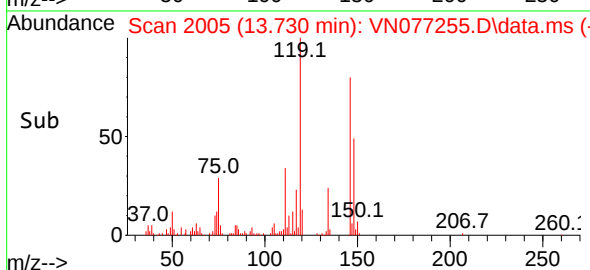
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

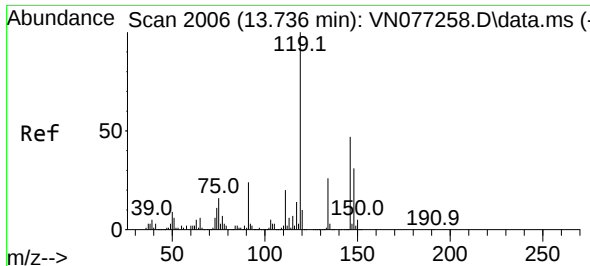


#86
 p-Isopropyltoluene
 Concen: 6.329 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15



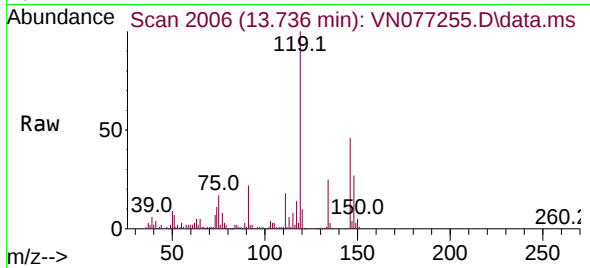
Tgt Ion:119 Resp: 121020
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 23.8 10.9 32.6





#87
 1,3-Dichlorobenzene
 Concen: 5.210 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

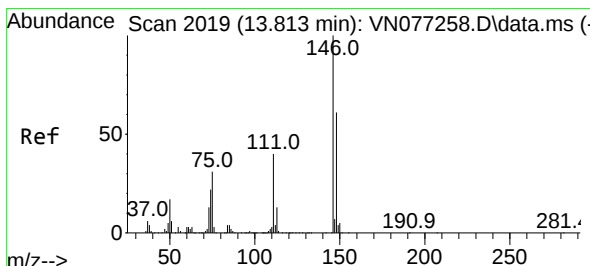
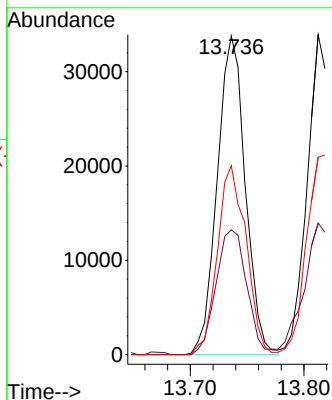
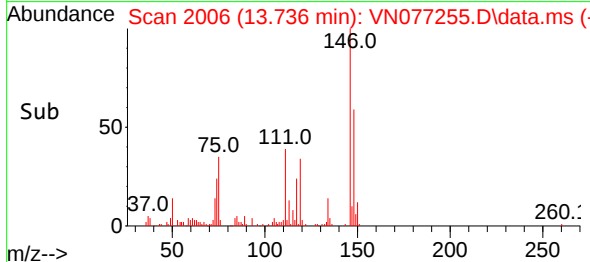
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



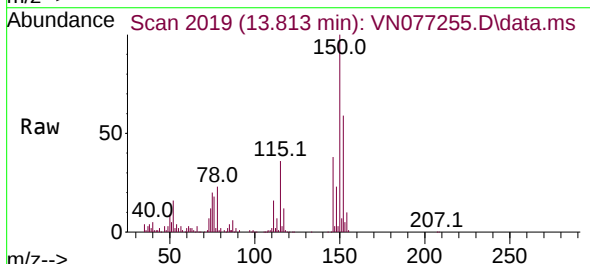
Tgt Ion:146 Resp: 5804
 Ion Ratio Lower Upper
 146 100
 111 43.2 19.1 57.1
 148 60.5 31.9 95.9

Manual Integrations
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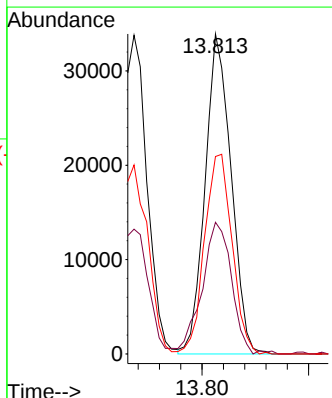
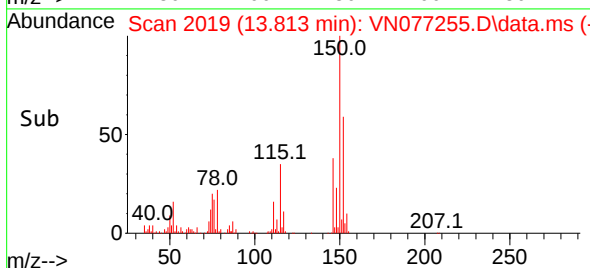
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

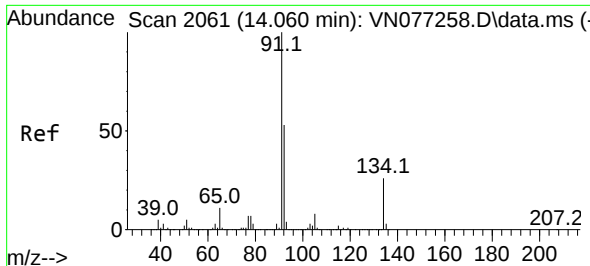


#88
 1,4-Dichlorobenzene
 Concen: 5.236 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. 0.001 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15



Tgt Ion:146 Resp: 57556
 Ion Ratio Lower Upper
 146 100
 111 46.5 18.6 56.0
 148 66.3 31.9 95.5





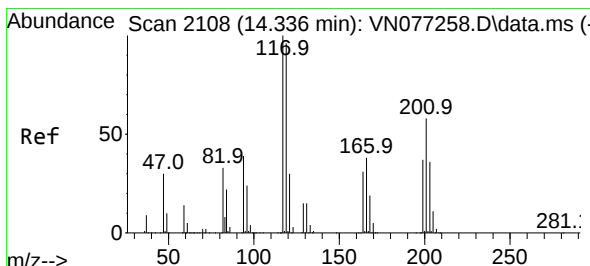
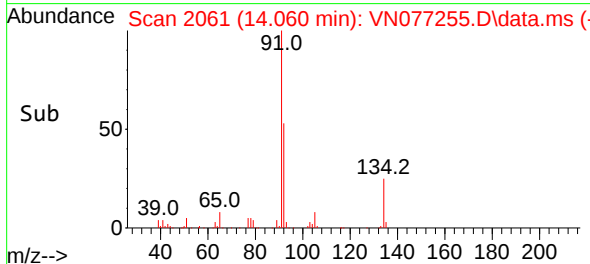
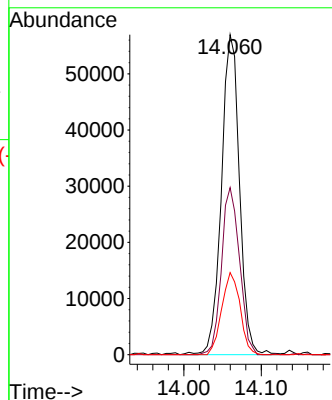
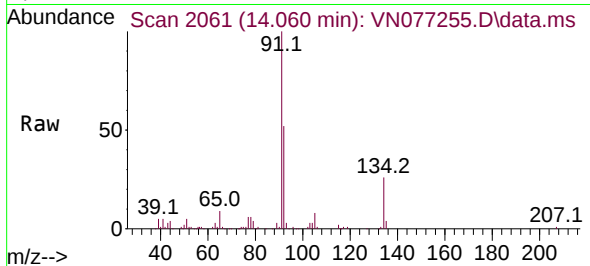
#89
n-Butylbenzene
Concen: 6.039 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 92488
Ion Ratio Lower Upper
91 100
92 51.9 27.0 80.8
134 25.9 13.6 40.7

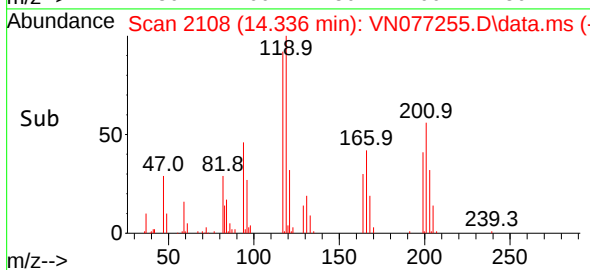
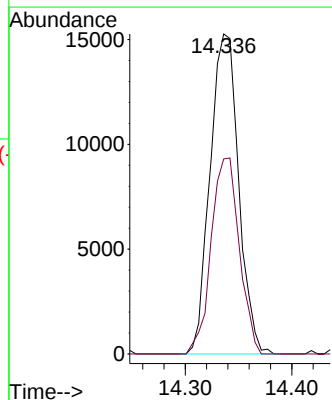
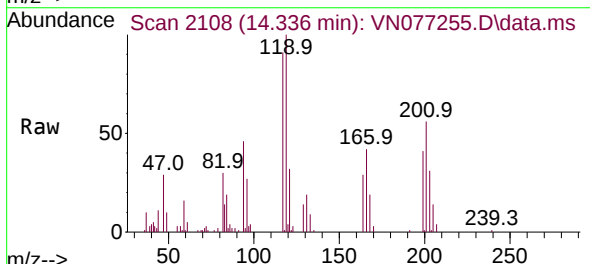
Manual Integrations
APPROVED

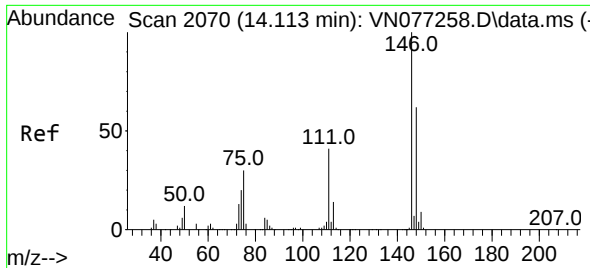
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#90
Hexachloroethane
Concen: 7.152 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:117 Resp: 28452
Ion Ratio Lower Upper
117 100
201 60.3 45.1 135.2





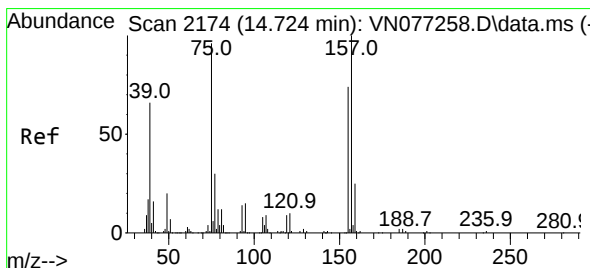
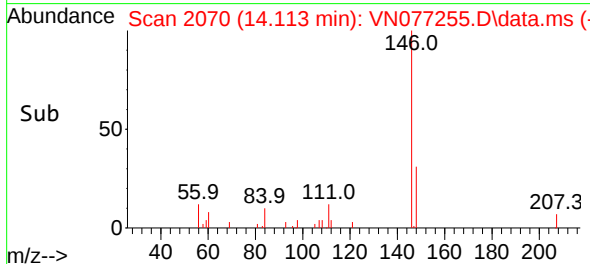
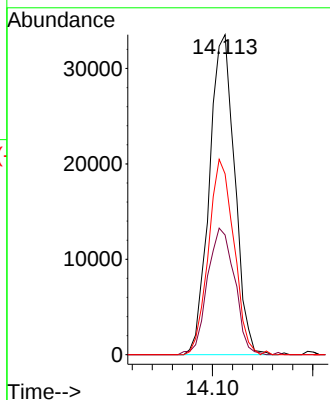
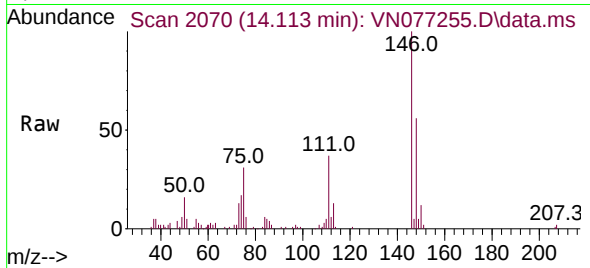
#91
1,2-Dichlorobenzene
Concen: 5.380 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 5887
Ion Ratio Lower Upper
146 100
111 42.3 19.6 58.7
148 61.3 31.8 95.4

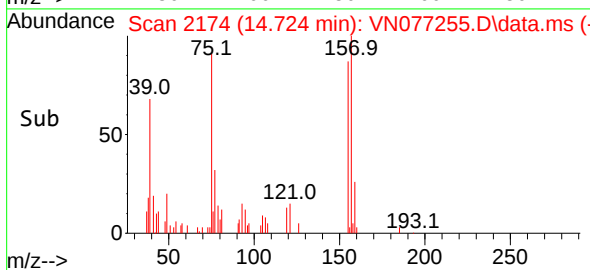
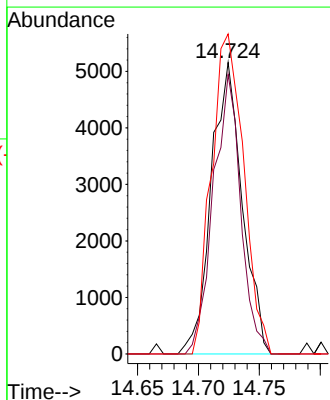
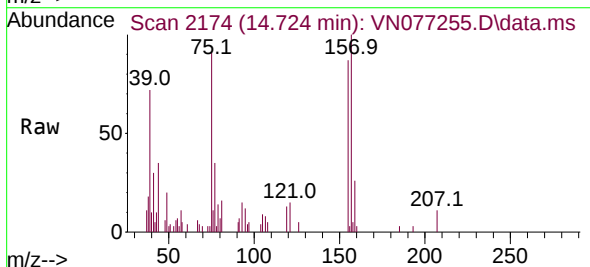
Manual Integrations
APPROVED

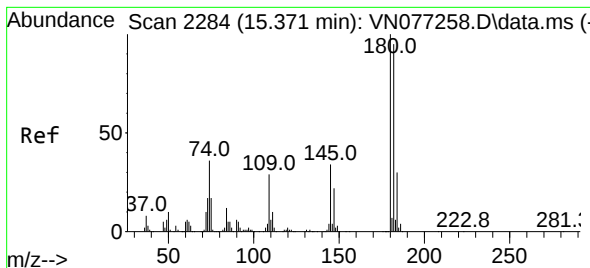
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.622 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 75 Resp: 9123
Ion Ratio Lower Upper
75 100
155 84.7 48.1 144.3
157 114.2 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 3.859 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:180 Resp: 1643

Ion Ratio Lower Upper

180 100

182 93.0 47.9 143.8

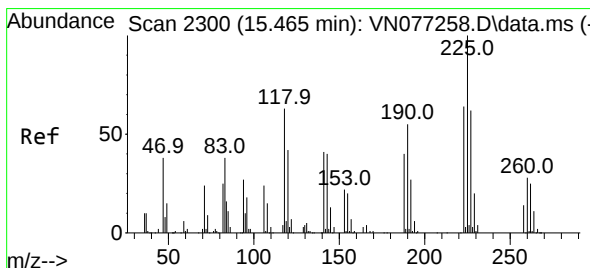
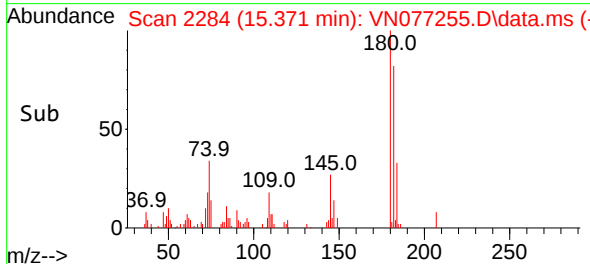
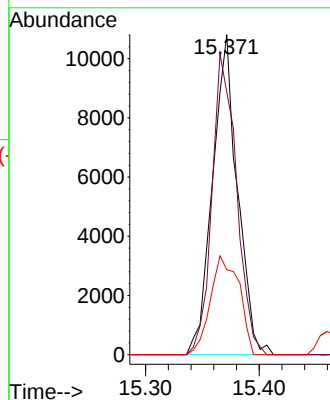
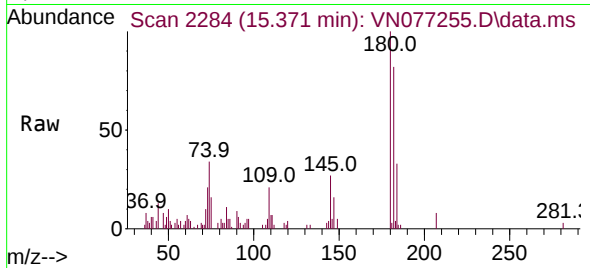
145 35.6 13.9 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#94

Hexachlorobutadiene

Concen: 3.090 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

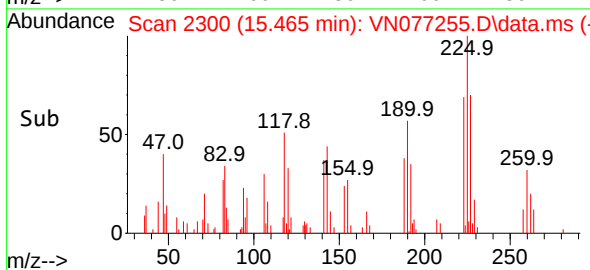
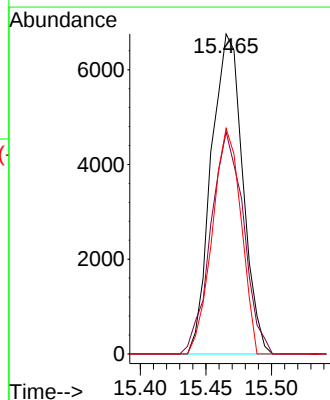
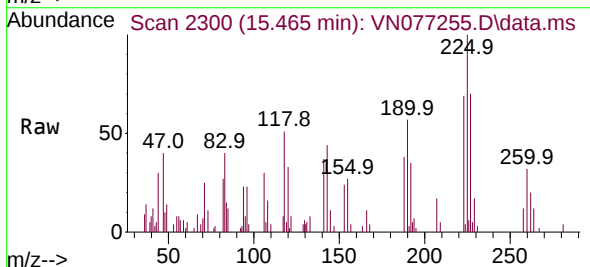
Tgt Ion:225 Resp: 11255

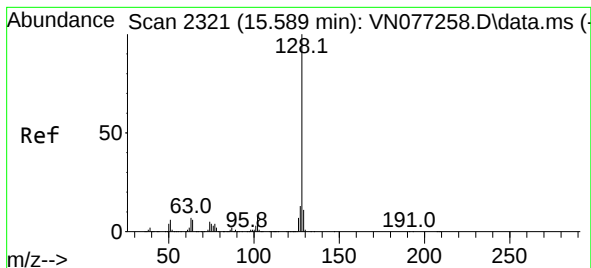
Ion Ratio Lower Upper

225 100

223 72.4 31.1 93.2

227 64.3 32.3 96.8





#95

Naphthalene

Concen: 4.626 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

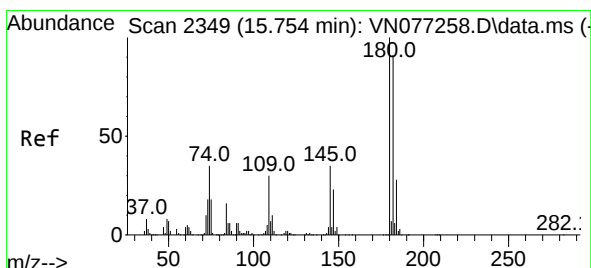
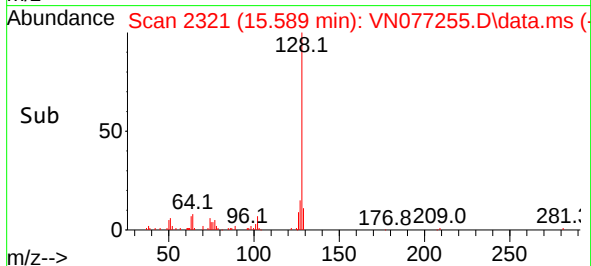
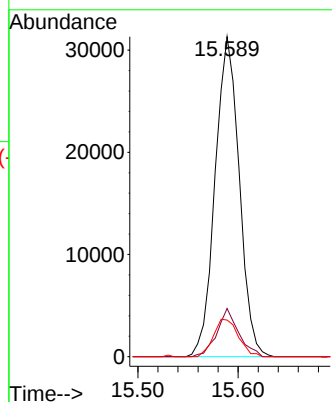
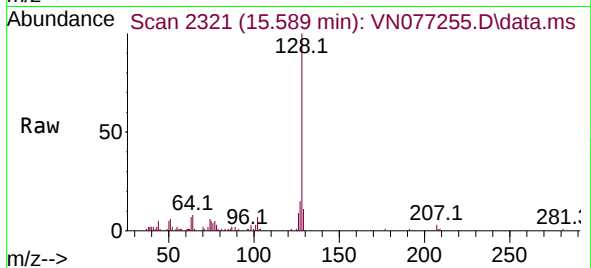
Tgt Ion:128	Resp: 5236
Ion Ratio	Lower Upper
128 100	
127 13.5	10.2 15.2
129 12.1	8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 3.583 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Tgt Ion:180	Resp: 14981
Ion Ratio	Lower Upper
180 100	
182 105.5	47.9 143.8
145 39.8	14.8 44.3

