

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077258.D
 Acq On : 05 Apr 2023 12:28
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 12:55:36 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	564174	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.107	114	1083455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	997321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	449761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	370159	63.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.460%#	
35) Dibromofluoromethane	8.172	113	329960	49.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.700%	
50) Toluene-d8	10.572	98	1364172	56.424	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.840%	
62) 4-Bromofluorobenzene	12.848	95	464283	58.008	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.020%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	352122	122.132	ug/l	99
3) Chloromethane	2.372	50	406568	109.276	ug/l	99
4) Vinyl Chloride	2.519	62	594356	146.574	ug/l	95
5) Bromomethane	2.949	94	400048	137.224	ug/l	99
6) Chloroethane	3.125	64	399529	117.835	ug/l	96
7) Trichlorofluoromethane	3.501	101	511245	55.654	ug/l	96
8) Diethyl Ether	3.972	74	215200	60.831	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.378	101	300507	54.790	ug/l	89
10) Methyl Iodide	4.601	142	405244	60.256	ug/l	99
11) Tert butyl alcohol	5.537	59	393208	417.248	ug/l	99
12) 1,1-Dichloroethene	4.348	96	310458	61.216	ug/l	93
13) Acrolein	4.184	56	333898	333.904	ug/l	97
14) Allyl chloride	5.031	41	460402	52.376	ug/l #	85
15) Acrylonitrile	5.731	53	885919	285.903	ug/l	99
16) Acetone	4.437	43	682378	236.292	ug/l	98
17) Carbon Disulfide	4.725	76	878995	65.101	ug/l	98
18) Methyl Acetate	5.037	43	544561	50.139	ug/l	90
19) Methyl tert-butyl Ether	5.801	73	1177493	69.382	ug/l	94
20) Methylene Chloride	5.290	84	371907	57.530	ug/l	85
21) trans-1,2-Dichloroethene	5.795	96	357784	64.518	ug/l	88
22) Diisopropyl ether	6.684	45	1011888	54.431	ug/l #	89
23) Vinyl Acetate	6.613	43	3588557	321.687	ug/l #	93
24) 1,1-Dichloroethane	6.578	63	645744	59.132	ug/l	99
25) 2-Butanone	7.489	43	1135185	276.529	ug/l	90
26) 2,2-Dichloropropane	7.495	77	585893	72.520	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	431130	65.005	ug/l	93
28) Bromochloromethane	7.819	49	222351	46.659	ug/l	94
29) Tetrahydrofuran	7.842	42	751920	291.322	ug/l #	83
30) Chloroform	7.972	83	682972	63.490	ug/l	99
31) Cyclohexane	8.260	56	549093	53.599	ug/l	86
32) 1,1,1-Trichloroethane	8.172	97	613007	67.553	ug/l	97
36) 1,1-Dichloropropene	8.378	75	517374	52.711	ug/l	99
37) Ethyl Acetate	7.566	43	464287	47.148	ug/l	96
38) Carbon Tetrachloride	8.366	117	524382	52.102	ug/l	97
39) Methylcyclohexane	9.607	83	681348	56.601	ug/l	92
40) Benzene	8.613	78	1609860	52.241	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	248745	46.212	ug/l	91
42) 1,2-Dichloroethane	8.678	62	500258	49.612	ug/l	99
43) Isopropyl Acetate	8.695	43	838810	54.300	ug/l #	97
44) Trichloroethene	9.354	130	386388	48.461	ug/l	99
45) 1,2-Dichloropropane	9.625	63	383818	46.821	ug/l	93
46) Dibromomethane	9.713	93	284603	54.609	ug/l #	83
47) Bromodichloromethane	9.889	83	556028	54.187	ug/l	98
48) Methyl methacrylate	9.683	41	363716	48.813	ug/l #	79
49) 1,4-Dioxane	9.695	88	172012	1213.504	ug/l	90
51) 4-Methyl-2-Pentanone	10.448	43	2556146	261.332	ug/l	97
52) Toluene	10.636	92	1073899	57.614	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	653251	64.543	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	680490	57.874	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	413553	53.636	ug/l	99
56) Ethyl methacrylate	10.877	69	665670	62.368	ug/l #	88
57) 1,3-Dichloropropane	11.166	76	692177	52.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	1021482	276.857	ug/l	96
59) 2-Hexanone	11.195	43	1889871	266.240	ug/l	96
60) Dibromochloromethane	11.360	129	448328	55.965	ug/l	100
61) 1,2-Dibromoethane	11.472	107	425361	56.823	ug/l	99
64) Tetrachloroethene	11.107	164	307146	42.060	ug/l	89
65) Chlorobenzene	11.895	112	1120095	53.196	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	412475	51.117	ug/l	98
67) Ethyl Benzene	11.966	91	2070921	58.337	ug/l	96
68) m/p-Xylenes	12.077	106	1648269	119.379	ug/l	100
69) o-Xylene	12.401	106	818516	61.477	ug/l	99
70) Styrene	12.413	104	1345415	63.472	ug/l	98
71) Bromoform	12.583	173	312787	49.383	ug/l #	99
73) Isopropylbenzene	12.701	105	2085753	62.189	ug/l	98
74) N-amyl acetate	12.495	43	777353	62.869	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	639922	54.863	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	550592m	54.773	ug/l	
77) Bromobenzene	12.983	156	421736	46.959	ug/l	84
78) n-propylbenzene	13.042	91	2374194	64.192	ug/l	99
79) 2-Chlorotoluene	13.130	91	1387848	58.337	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	1768759	65.609	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.742	75	229944m	65.403	ug/l	
82) 4-Chlorotoluene	13.224	91	1352444	60.500	ug/l	98
83) tert-Butylbenzene	13.442	119	1484120	60.423	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	1763159	66.969	ug/l	97
85) sec-Butylbenzene	13.618	105	2155310	64.990	ug/l	97
86) p-Isopropyltoluene	13.730	119	1774520	65.606	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	828598	52.584	ug/l	96
88) 1,4-Dichlorobenzene	13.813	146	816308	52.506	ug/l	98
89) n-Butylbenzene	14.060	91	1500389	69.257	ug/l	98
90) Hexachloroethane	14.336	117	355347	63.152	ug/l	68
91) 1,2-Dichlorobenzene	14.113	146	820521	53.015	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	127664	65.516	ug/l	86
93) 1,2,4-Trichlorobenzene	15.371	180	366100	60.792	ug/l	96
94) Hexachlorobutadiene	15.465	225	162382	31.518	ug/l	98
95) Naphthalene	15.589	128	1414264	88.333	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	348127	58.864	ug/l	96

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

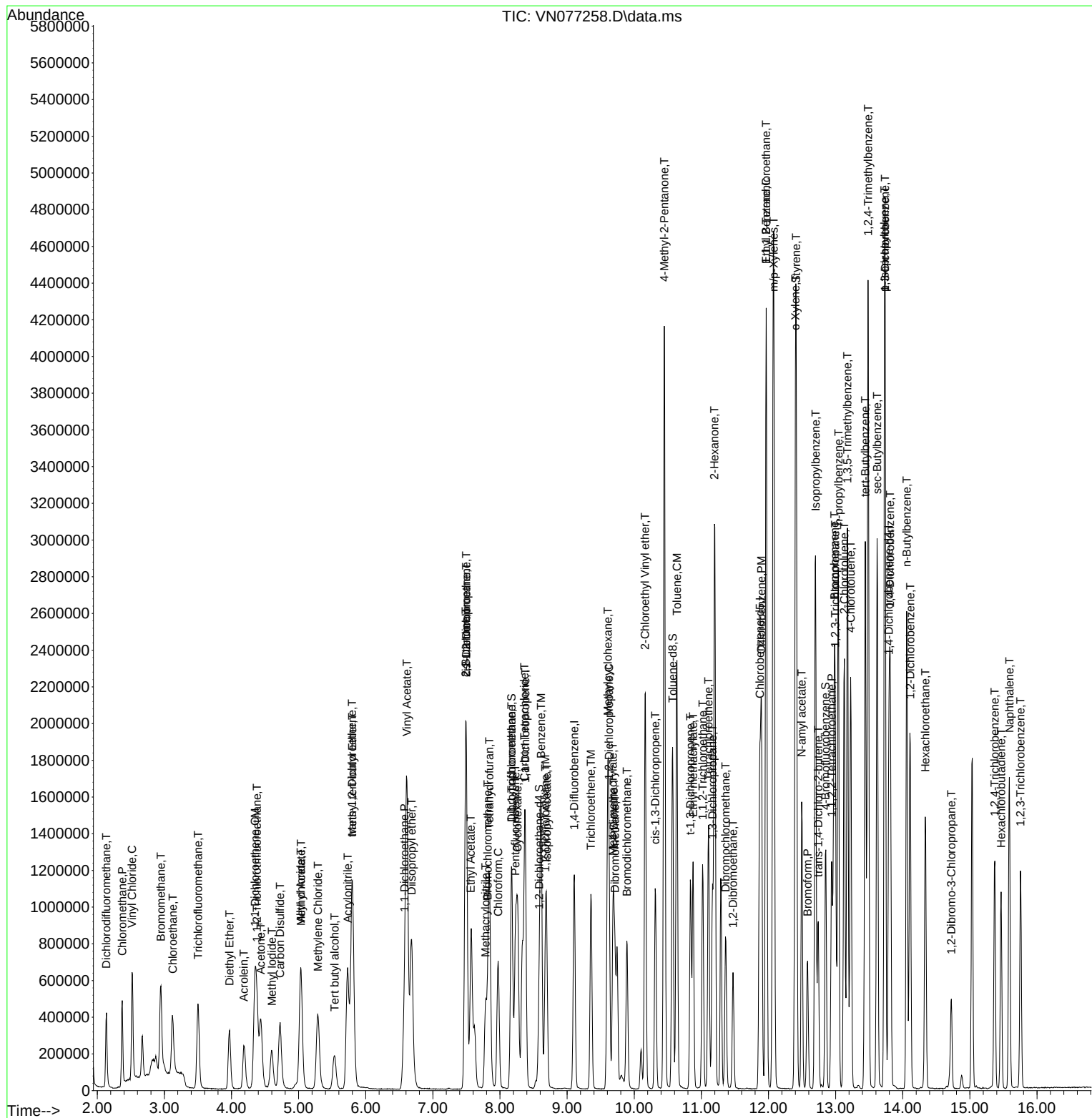
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
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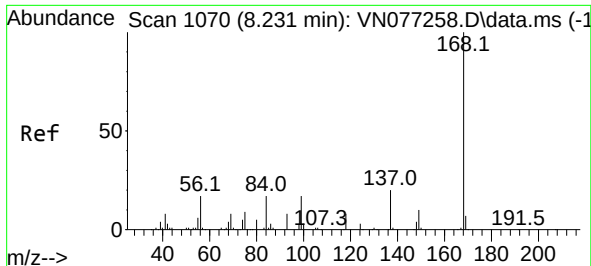
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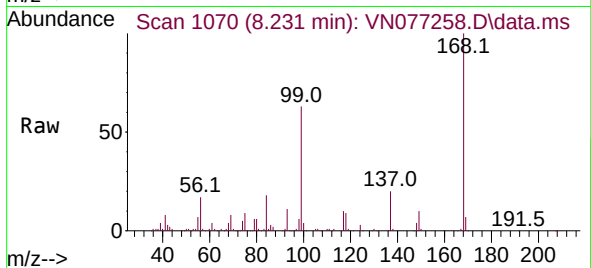
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. 0.001 min
Lab File: VN077258.D
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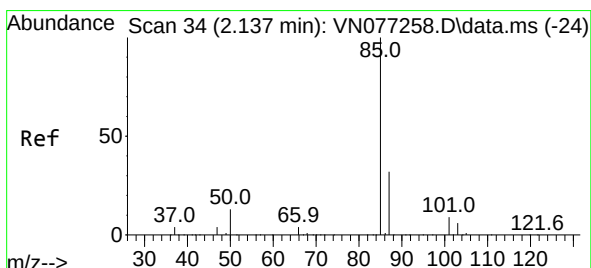
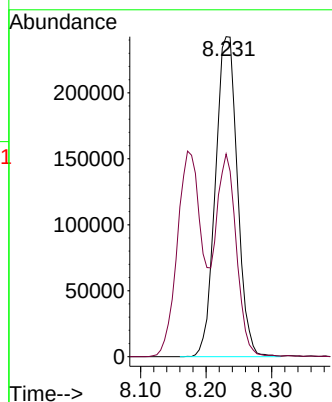
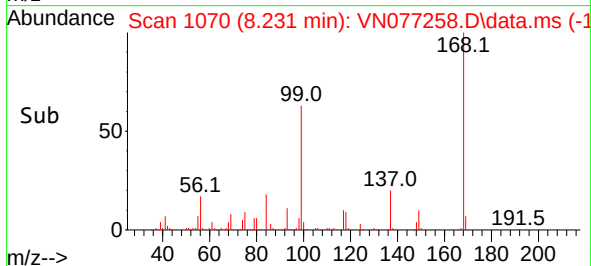
Instrument :
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VSTDICCC050



Tgt Ion:168 Resp: 564174
Ion Ratio Lower Upper
168 100
99 63.2 41.8 62.8

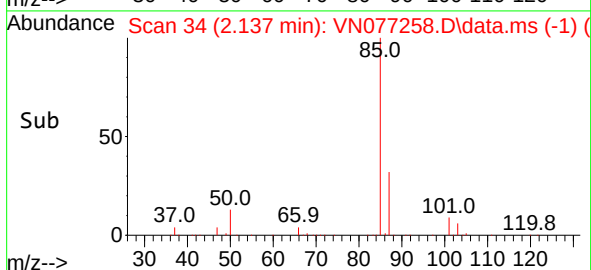
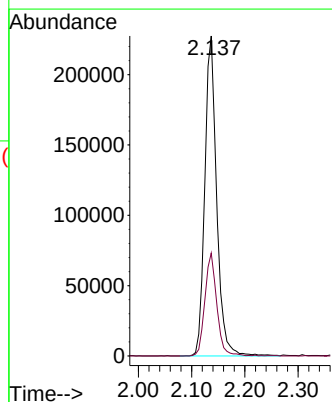
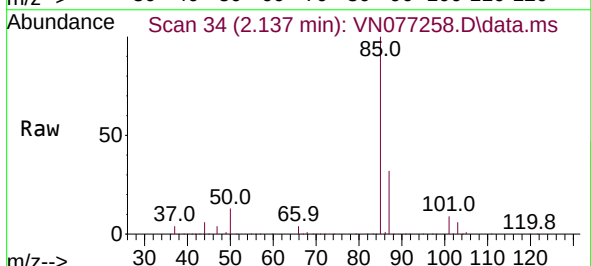
Manual Integrations
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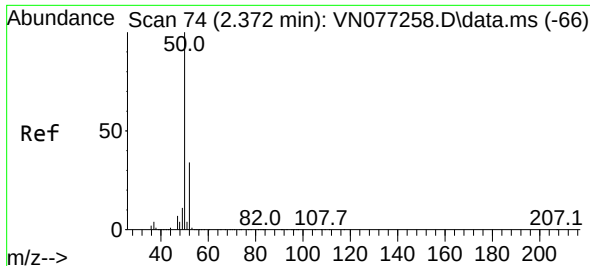
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#2
Dichlorodifluoromethane
Concen: 122.132 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077258.D
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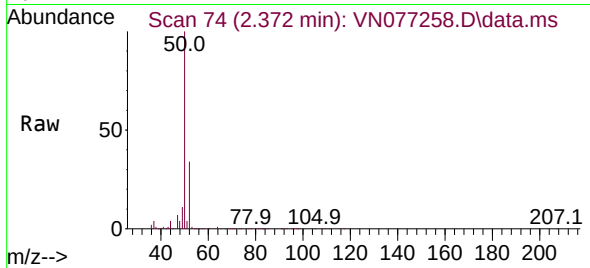
Tgt Ion: 85 Resp: 352122
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.8





#3
Chloromethane
Concen: 109.276 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

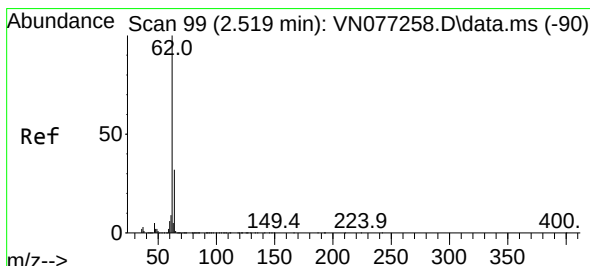
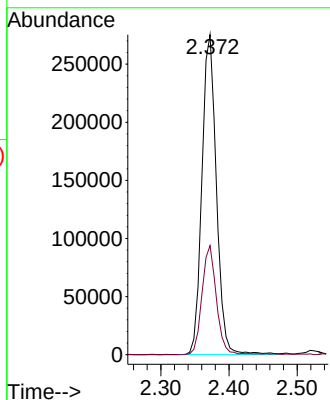
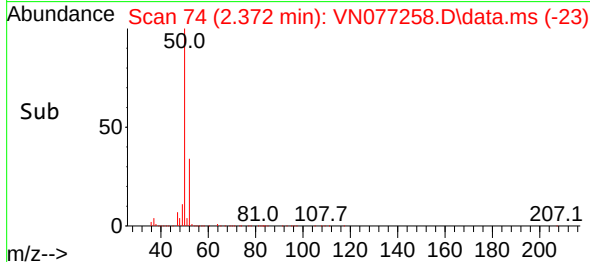
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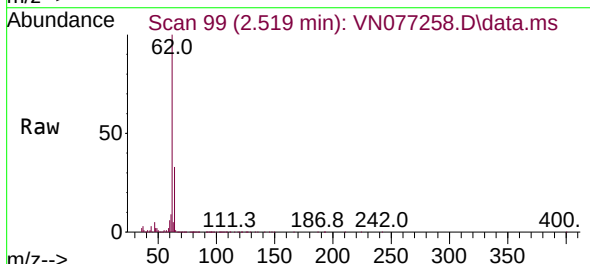
Tgt Ion: 50 Resp: 406568
Ion Ratio Lower Upper
50 100
52 34.1 26.9 40.3

Manual Integrations
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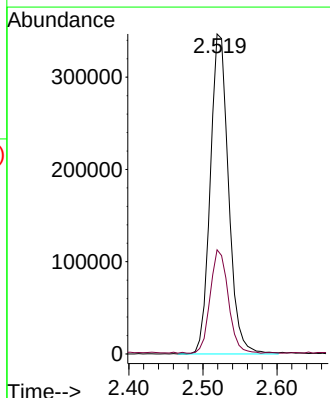
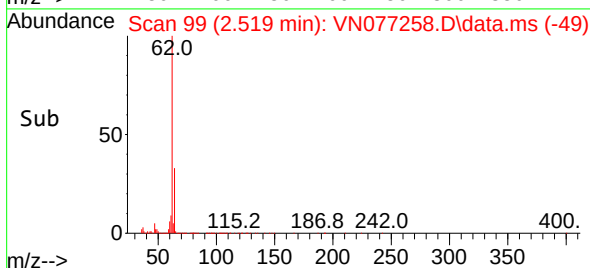
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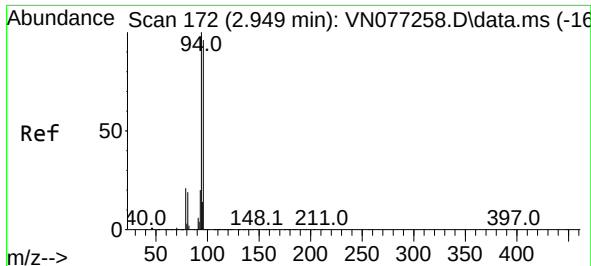


#4
Vinyl Chloride
Concen: 146.574 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



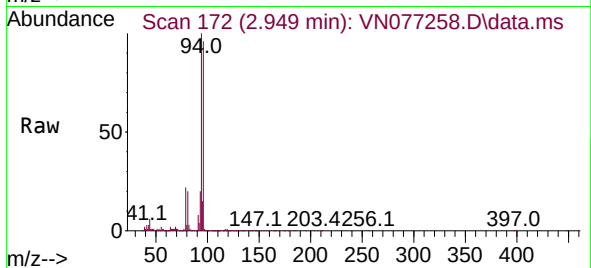
Tgt Ion: 62 Resp: 594356
Ion Ratio Lower Upper
62 100
64 32.3 23.9 35.9





#5
Bromomethane
Concen: 137.224 ug/l
RT: 2.949 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

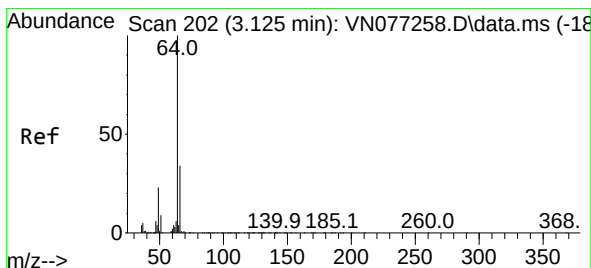
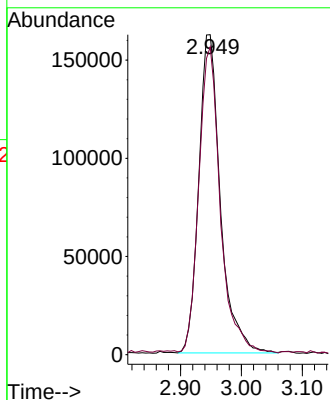
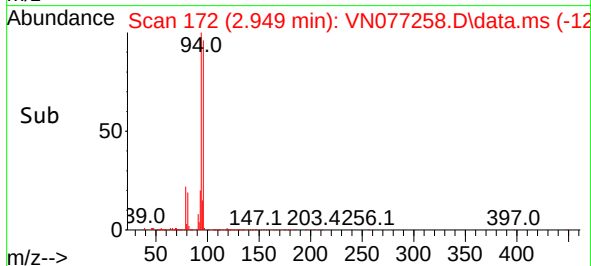
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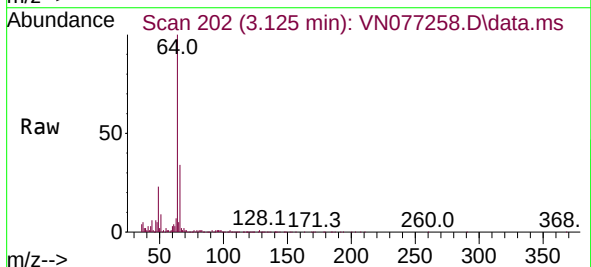
Tgt Ion: 94 Resp: 400048
Ion Ratio Lower Upper
94 100
96 96.2 78.1 117.1

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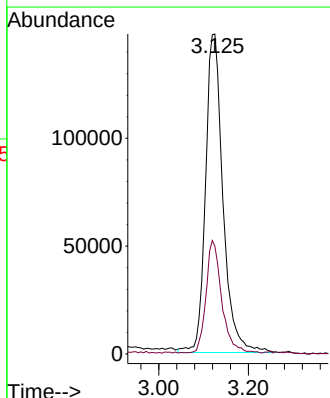
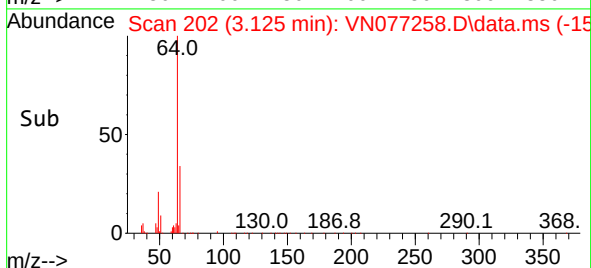
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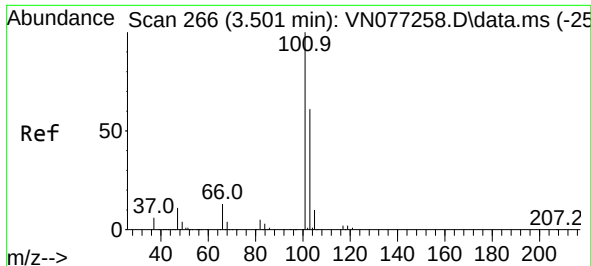


#6
Chloroethane
Concen: 117.835 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077258.D
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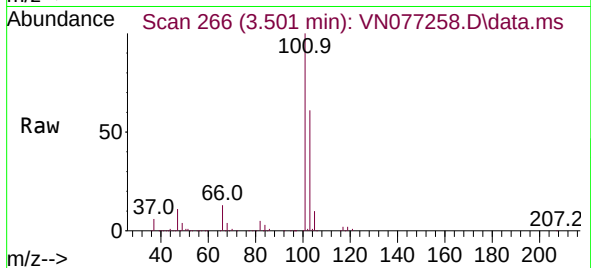
Tgt Ion: 64 Resp: 399529
Ion Ratio Lower Upper
64 100
66 33.6 25.0 37.6





#7
Trichlorofluoromethane
Concen: 55.654 ug/l
RT: 3.501 min Scan# 266
Delta R.T. -0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

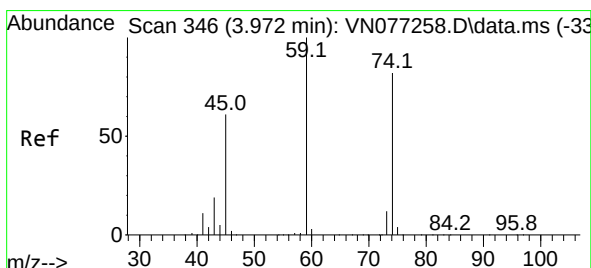
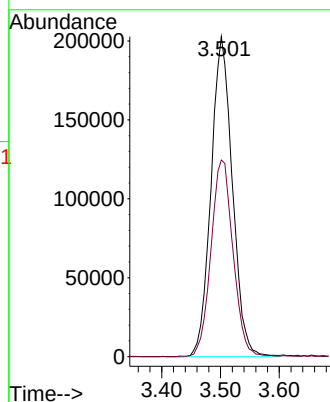
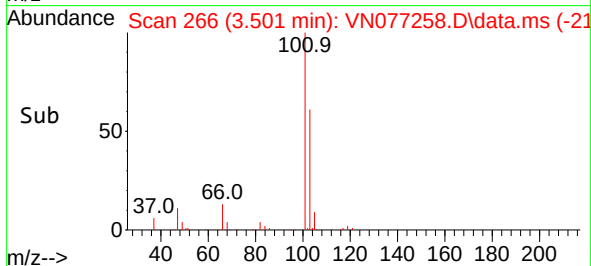
Instrument :
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Tgt Ion:101 Resp: 511249
Ion Ratio Lower Upper
101 100
103 61.2 51.4 77.2

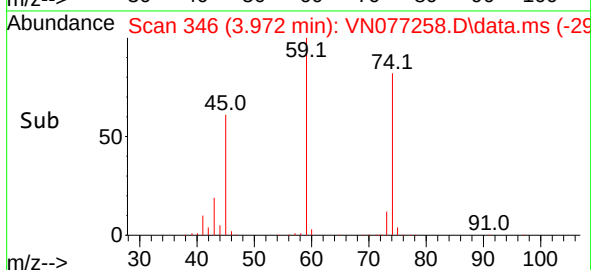
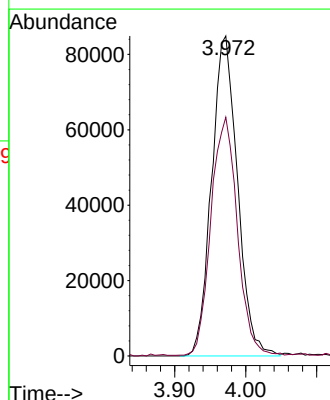
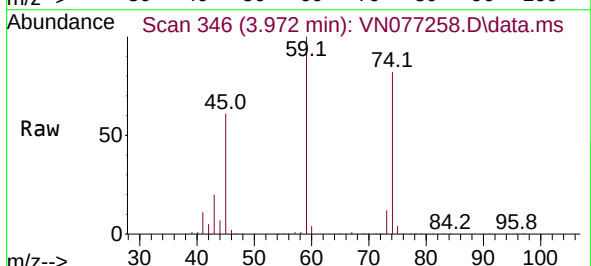
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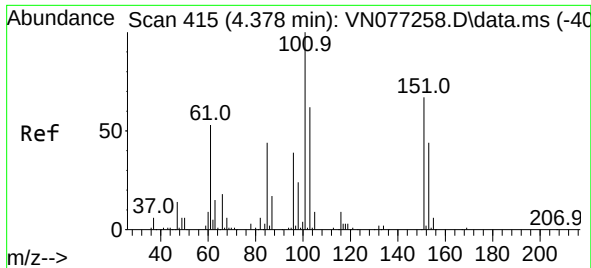
Reviewed By :John Carlone 04/06/2023
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#8
Diethyl Ether
Concen: 60.831 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077258.D
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Tgt Ion: 74 Resp: 215200
Ion Ratio Lower Upper
74 100
45 75.6 47.8 143.3





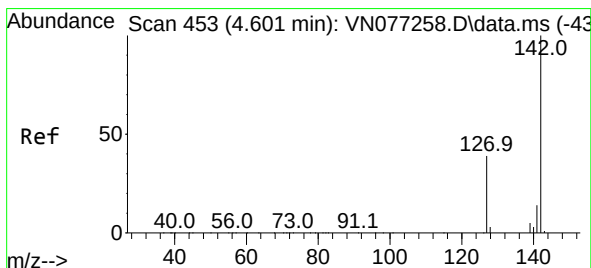
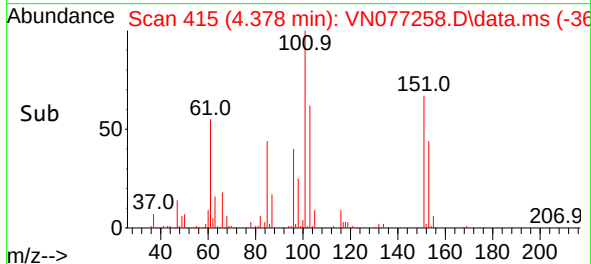
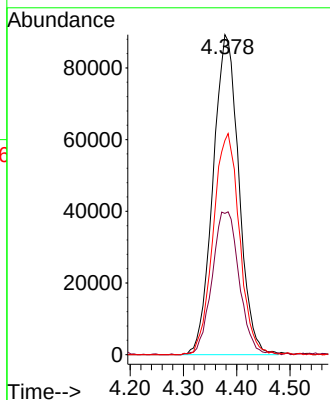
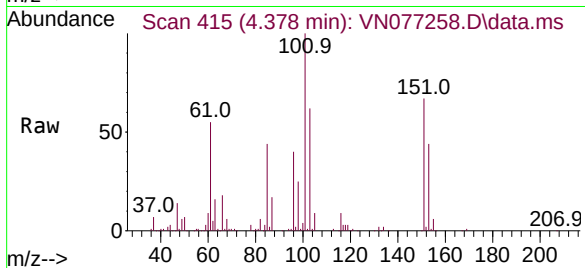
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.790 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 30050
Ion Ratio Lower Upper
101 100
85 46.6 33.5 50.3
151 70.4 65.3 97.9

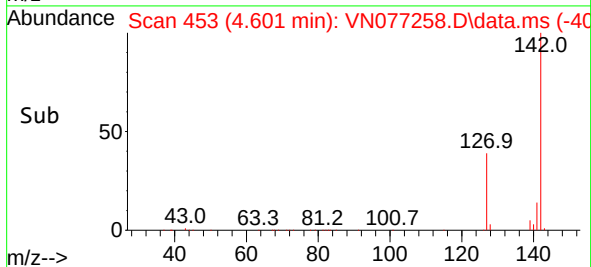
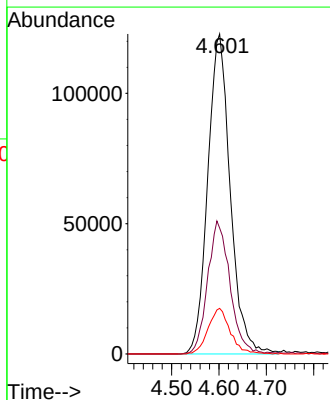
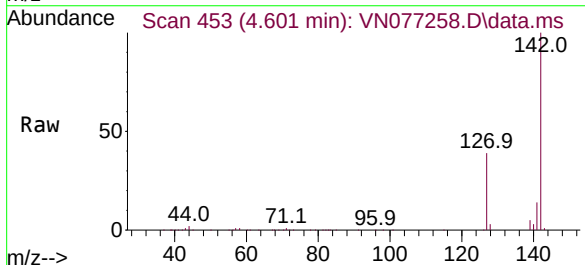
Manual Integrations
APPROVED

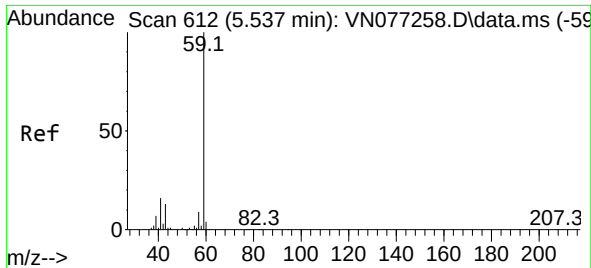
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#10
Methyl Iodide
Concen: 60.256 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

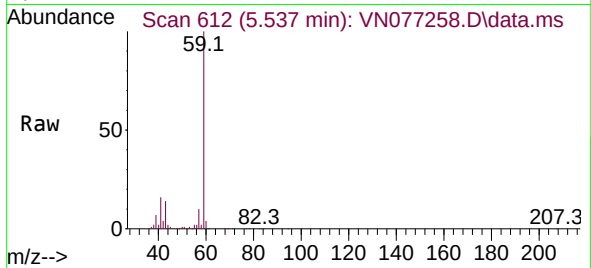
Tgt Ion:142 Resp: 405244
Ion Ratio Lower Upper
142 100
127 39.4 31.8 47.8
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 417.248 ug/l
RT: 5.537 min Scan# 612
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

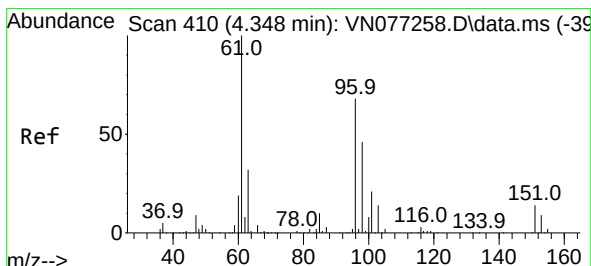
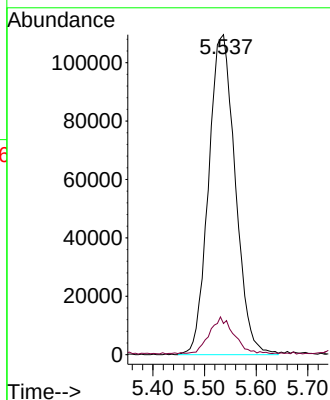
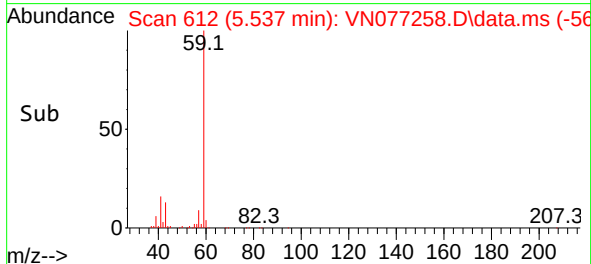
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



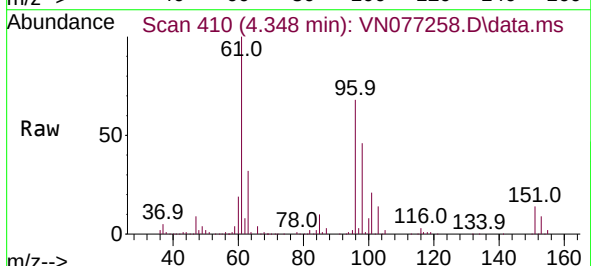
Tgt Ion: 59 Resp: 393208
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

Manual Integrations
APPROVED

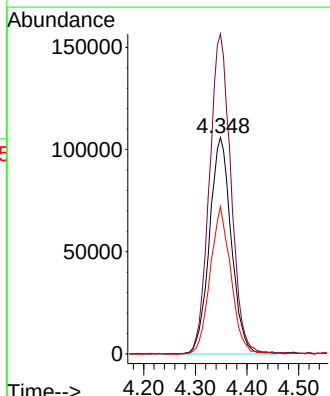
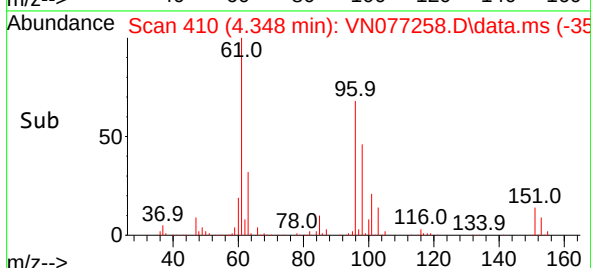
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

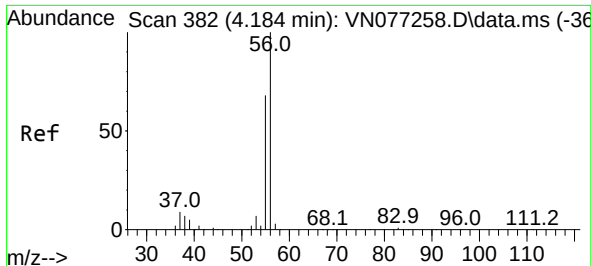


#12
1,1-Dichloroethene
Concen: 61.216 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



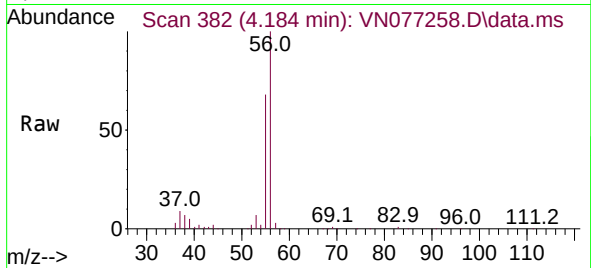
Tgt Ion: 96 Resp: 310458
Ion Ratio Lower Upper
96 100
61 147.9 126.4 189.6
98 68.1 50.8 76.2





#13
Acrolein
Concen: 333.904 ug/l
RT: 4.184 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

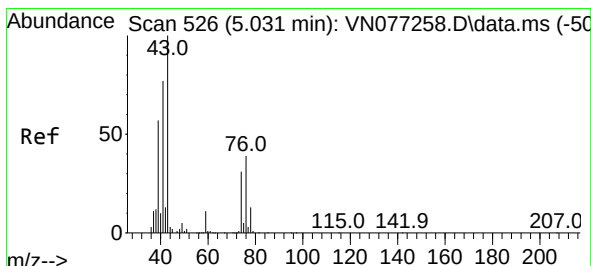
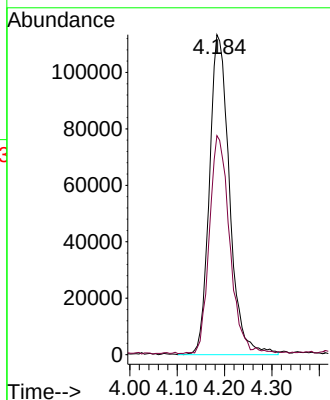
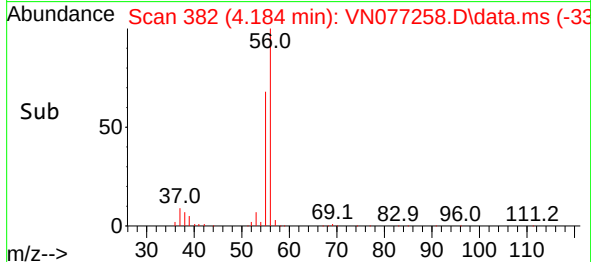
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 333898
Ion Ratio Lower Upper
56 100
55 67.7 56.0 84.0

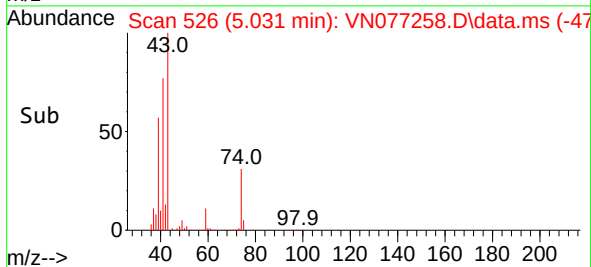
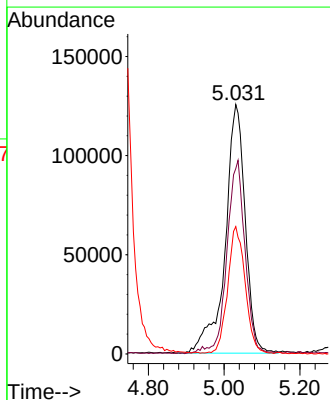
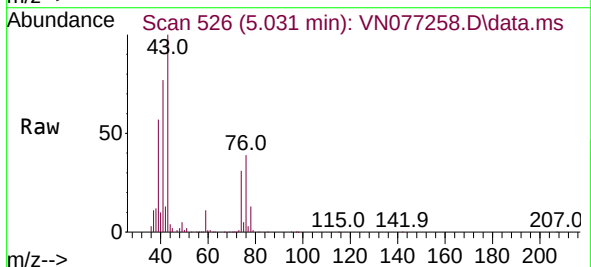
Manual Integrations
APPROVED

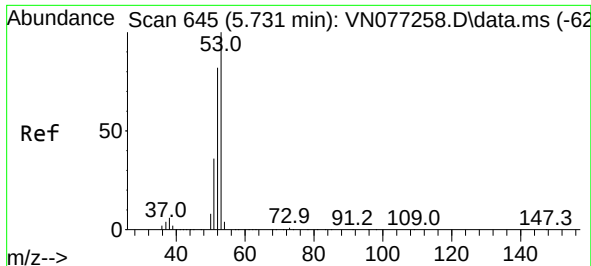
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#14
Allyl chloride
Concen: 52.376 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

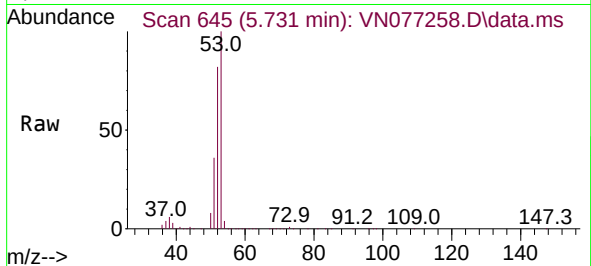
Tgt Ion: 41 Resp: 460402
Ion Ratio Lower Upper
41 100
39 68.7 46.8 70.2
76 44.3 27.3 40.9





#15
Acrylonitrile
Concen: 285.903 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

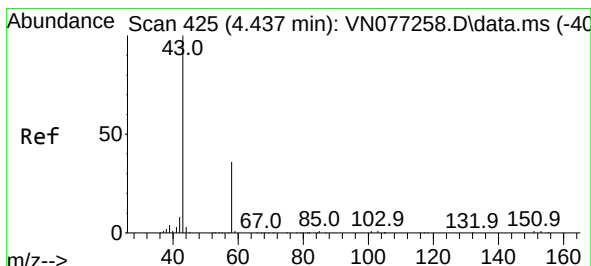
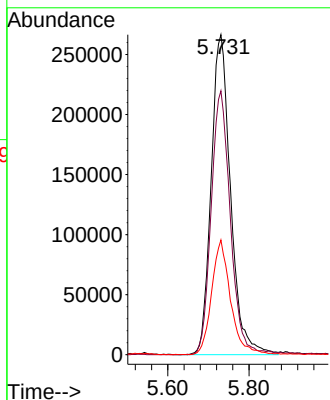
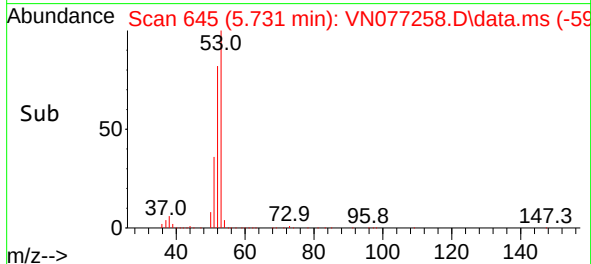
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



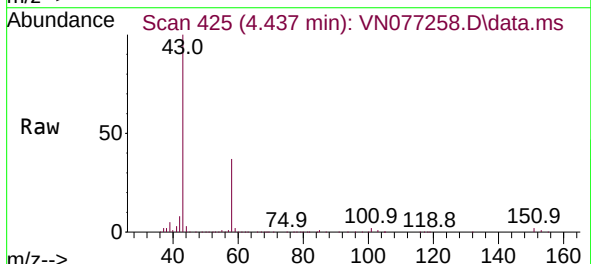
Tgt Ion: 53 Resp: 885919
Ion Ratio Lower Upper
53 100
52 81.5 65.8 98.6
51 35.1 28.2 42.2

Manual Integrations
APPROVED

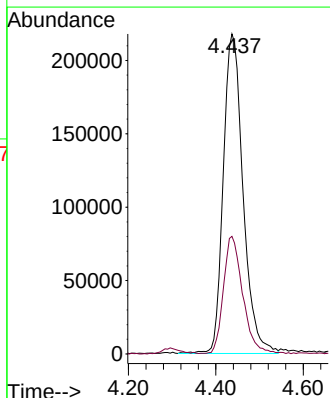
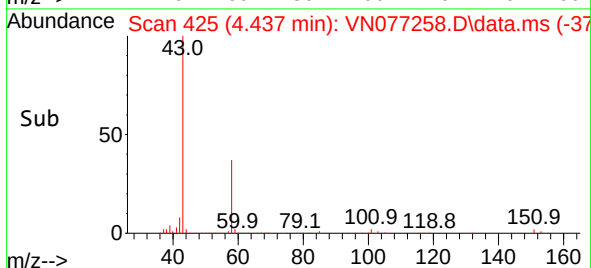
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

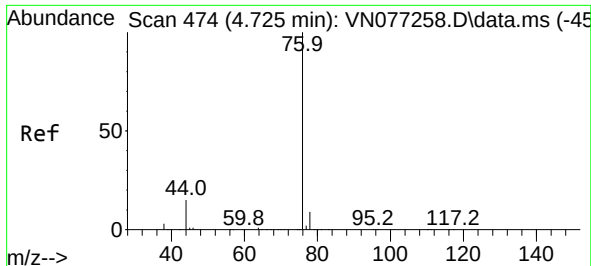


#16
Acetone
Concen: 236.292 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



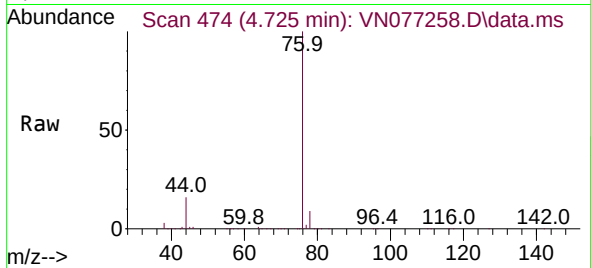
Tgt Ion: 43 Resp: 682378
Ion Ratio Lower Upper
43 100
58 36.3 28.2 42.4





#17
Carbon Disulfide
Concen: 65.101 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

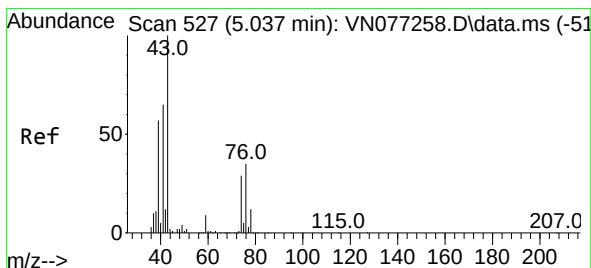
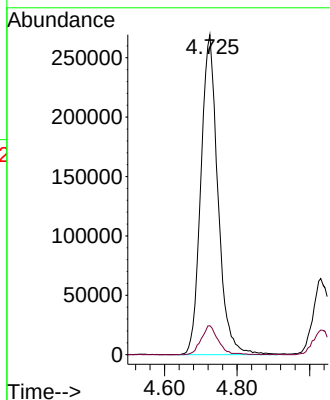
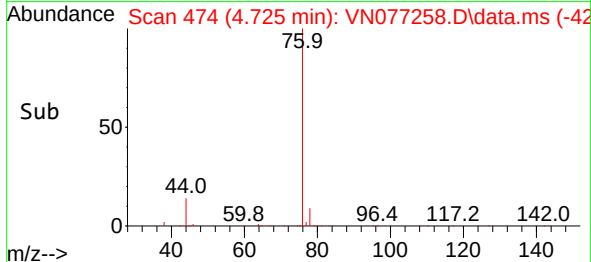
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



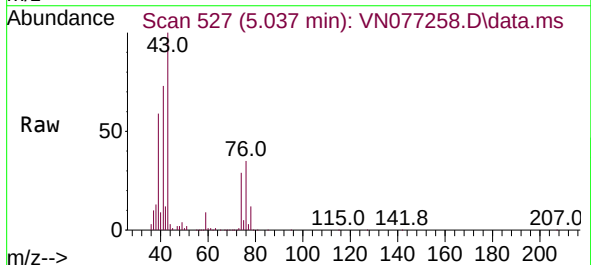
Tgt Ion: 76 Resp: 87899
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

Manual Integrations
APPROVED

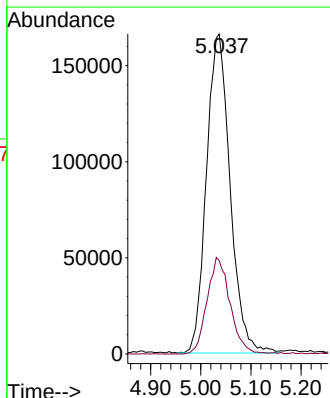
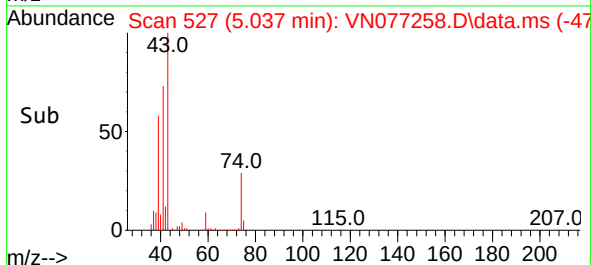
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

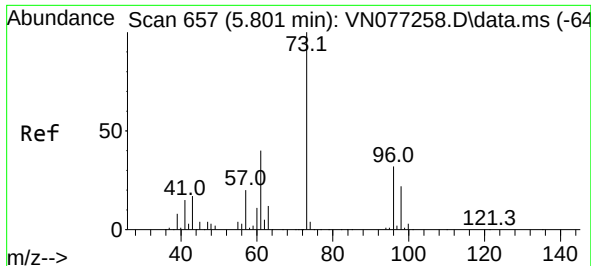


#18
Methyl Acetate
Concen: 50.139 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



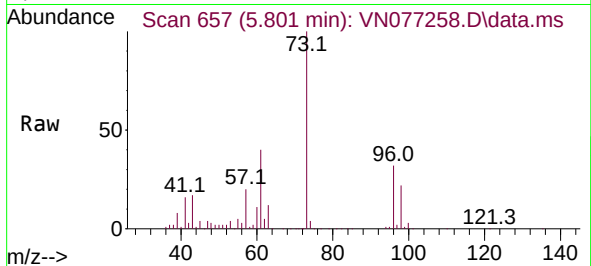
Tgt Ion: 43 Resp: 544561
Ion Ratio Lower Upper
43 100
74 29.3 19.6 29.4





#19
Methyl tert-butyl Ether
Concen: 69.382 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

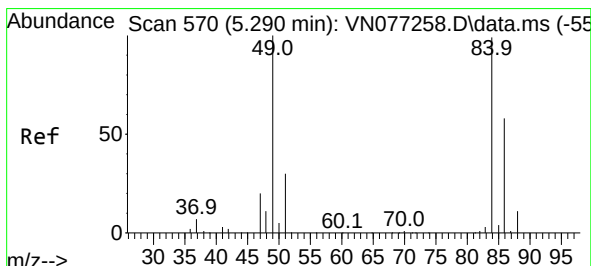
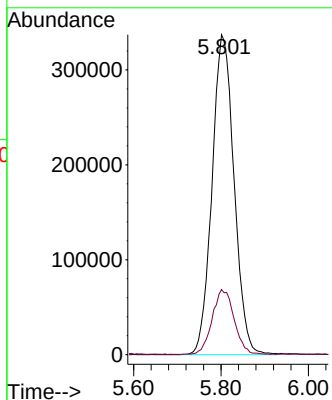
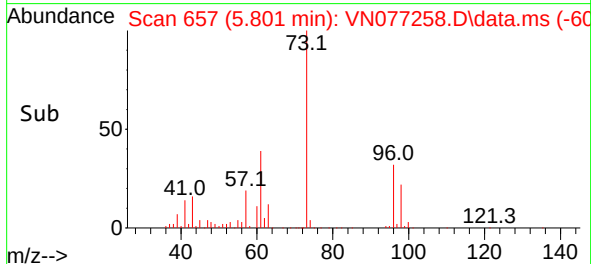
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 117749
Ion Ratio Lower Upper
73 100
57 20.3 18.7 28.1

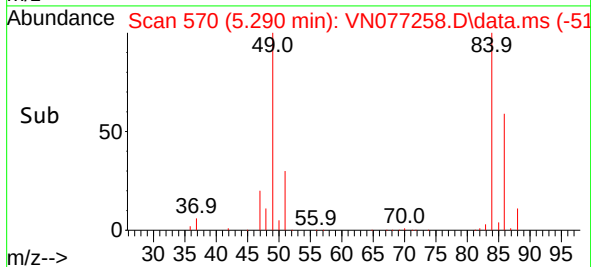
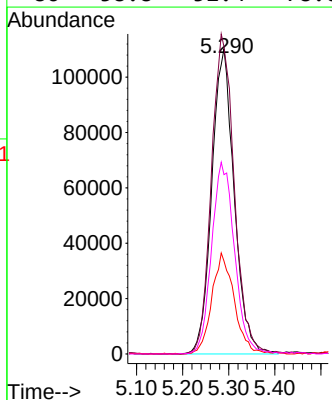
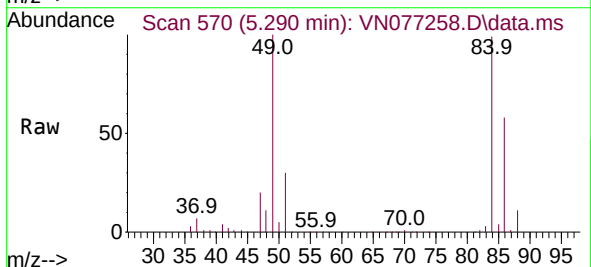
Manual Integrations
APPROVED

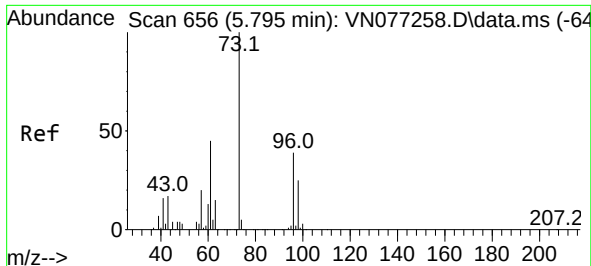
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#20
Methylene Chloride
Concen: 57.530 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

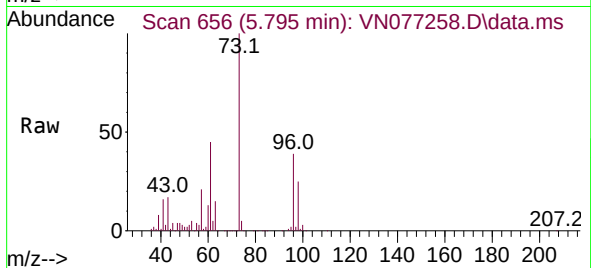
Tgt Ion: 84 Resp: 371907
Ion Ratio Lower Upper
84 100
49 100.8 97.8 146.8
51 30.5 29.8 44.8
86 58.8 52.4 78.6





#21
trans-1,2-Dichloroethene
Concen: 64.518 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

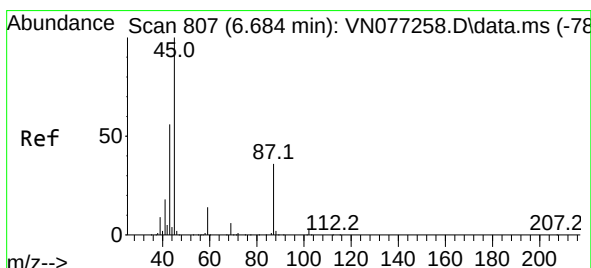
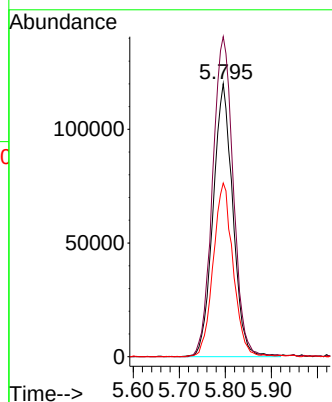
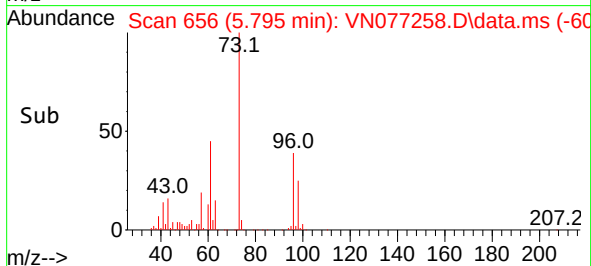
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 357784
Ion Ratio Lower Upper
96 100
61 117.2 109.7 164.5
98 63.6 50.4 75.6

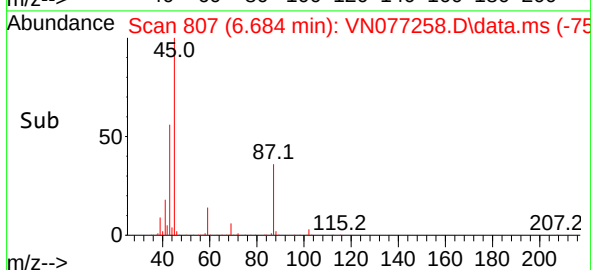
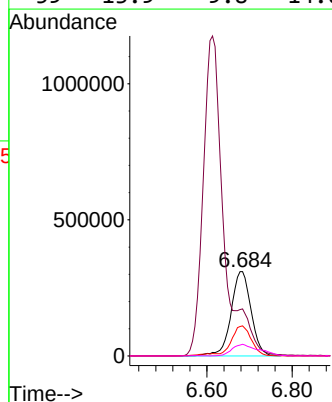
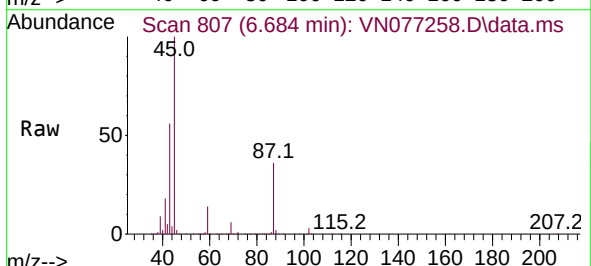
Manual Integrations
APPROVED

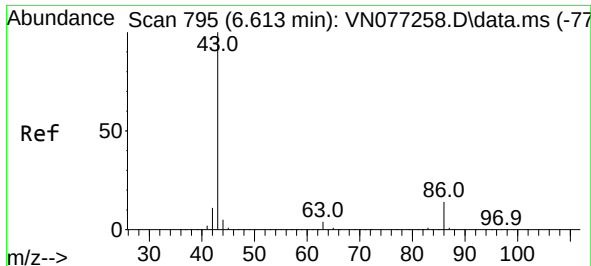
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#22
Diisopropyl ether
Concen: 54.431 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 45 Resp: 1011888
Ion Ratio Lower Upper
45 100
43 55.7 39.6 59.4
87 35.5 21.0 31.4#
59 13.9 9.8 14.6





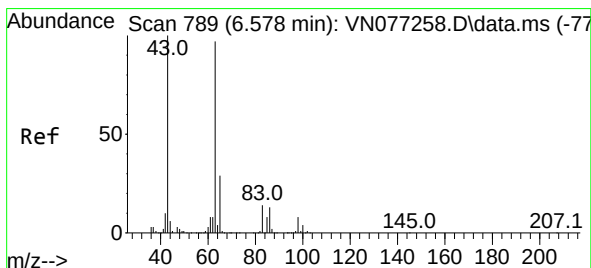
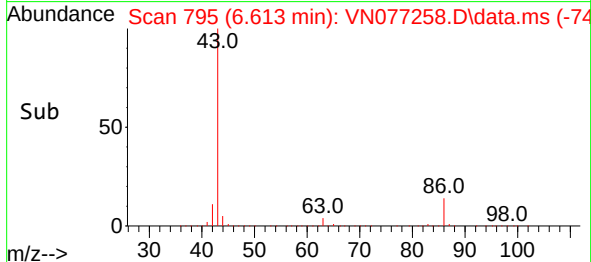
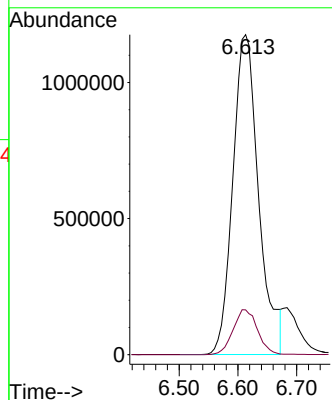
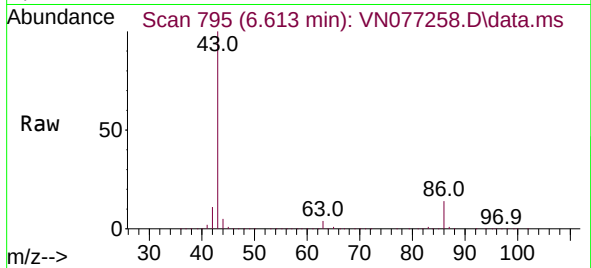
#23
 Vinyl Acetate
 Concen: 321.687 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 358855
 Ion Ratio Lower Upper
 43 100
 86 14.0 9.0 13.4

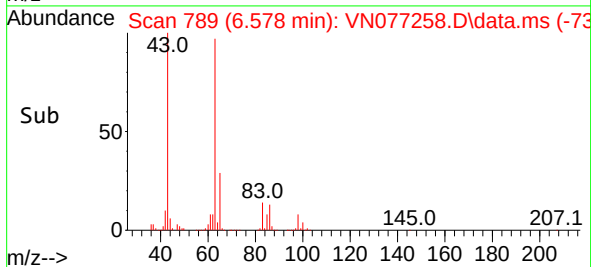
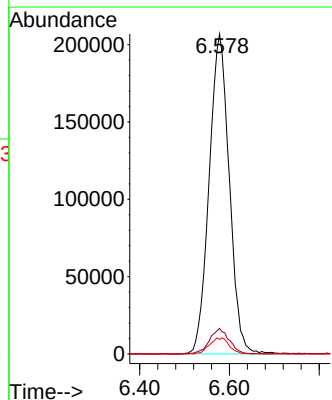
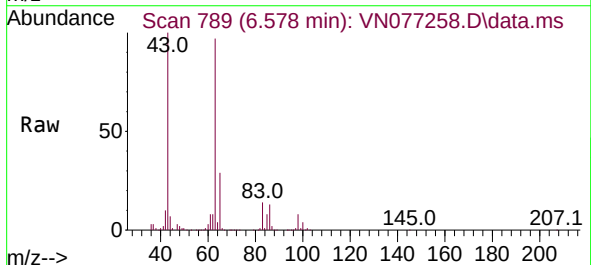
Manual Integrations
 APPROVED

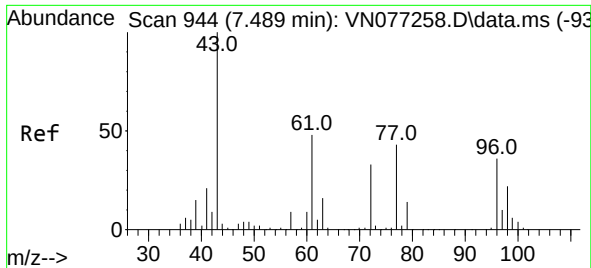
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#24
 1,1-Dichloroethane
 Concen: 59.132 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

Tgt Ion: 63 Resp: 645744
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.5
 100 4.6 2.4 7.1





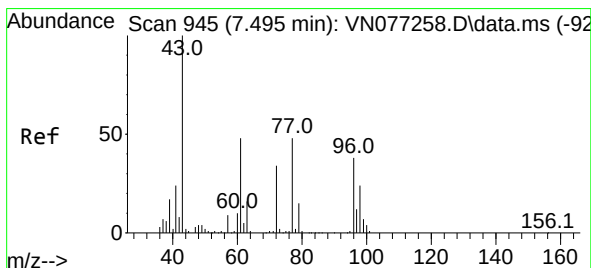
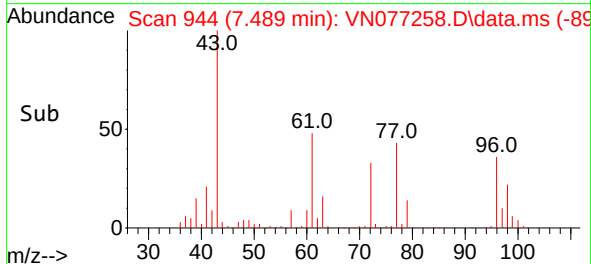
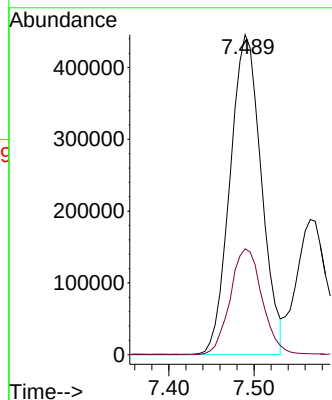
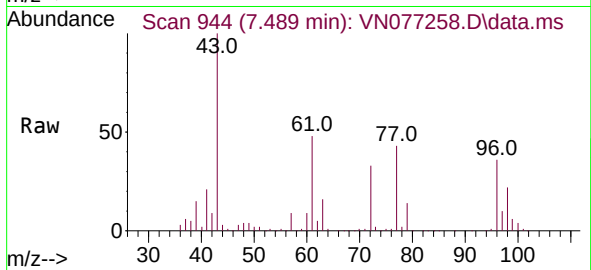
#25
2-Butanone
Concen: 276.529 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 113518
Ion Ratio Lower Upper
43 100
72 33.2 22.2 33.2

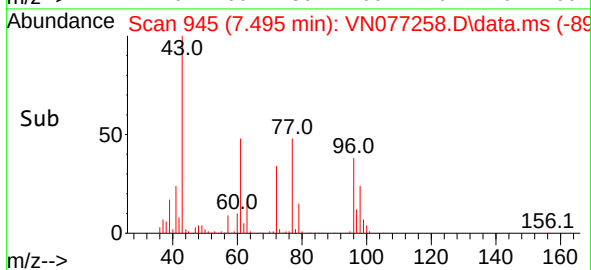
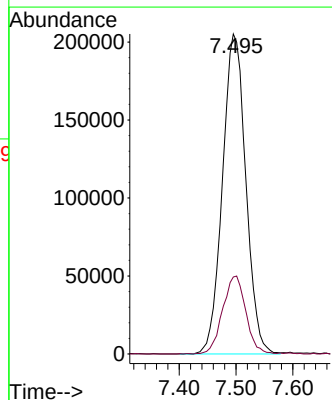
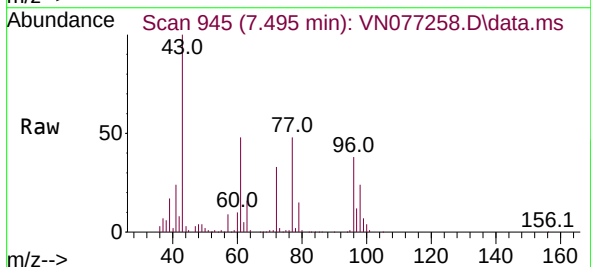
Manual Integrations
APPROVED

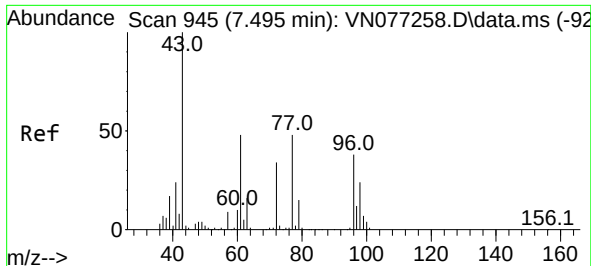
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#26
2,2-Dichloropropane
Concen: 72.520 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

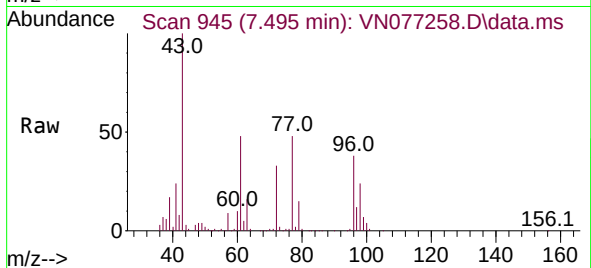
Tgt Ion: 77 Resp: 585893
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 65.005 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

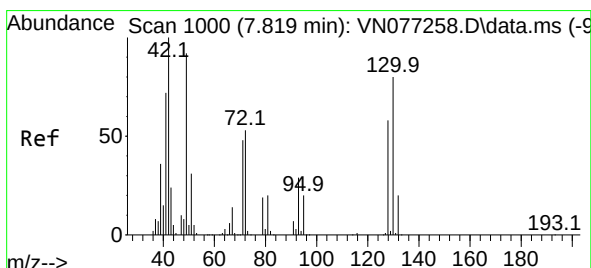
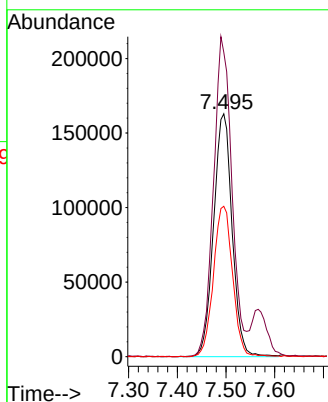
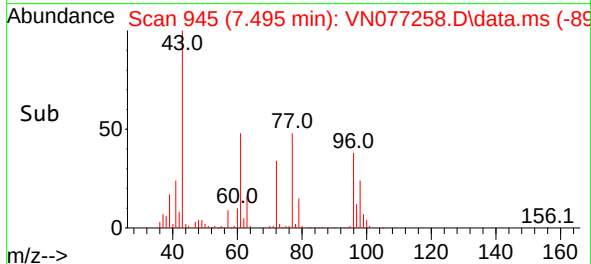
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 431130
 Ion Ratio Lower Upper
 96 100
 61 130.5 0.0 286.0
 98 64.0 0.0 127.8

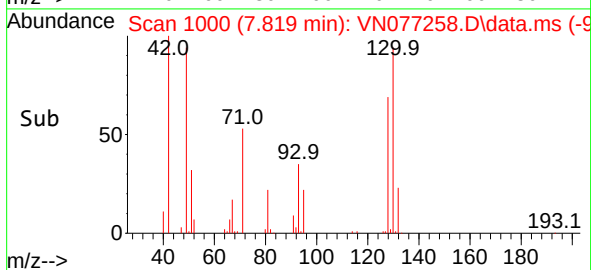
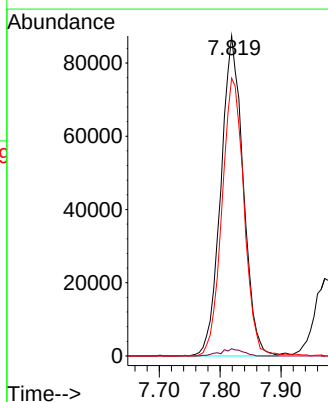
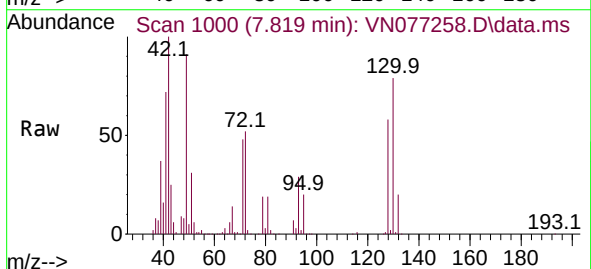
Manual Integrations
 APPROVED

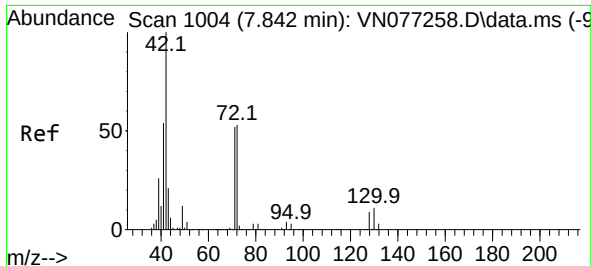
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#28
 Bromochloromethane
 Concen: 46.659 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

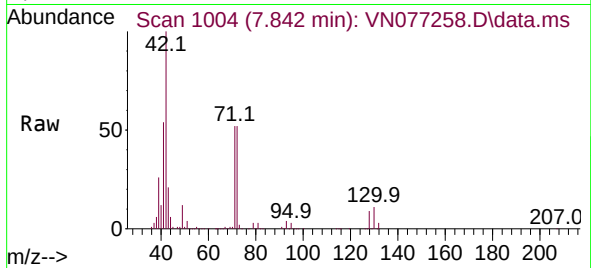
Tgt Ion: 49 Resp: 222351
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 85.5 63.9 95.9





#29
Tetrahydrofuran
Concen: 291.322 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

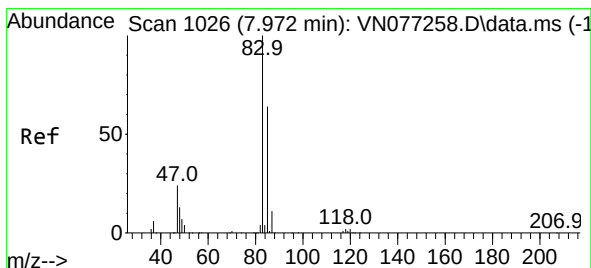
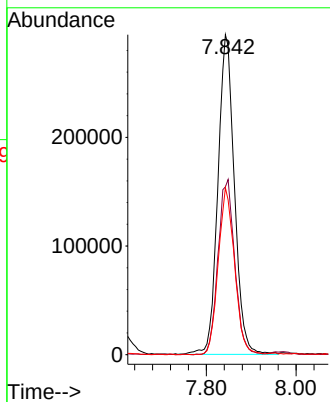
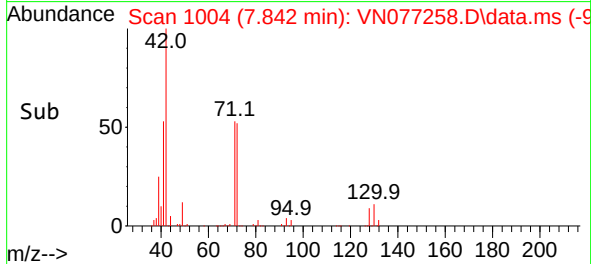
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



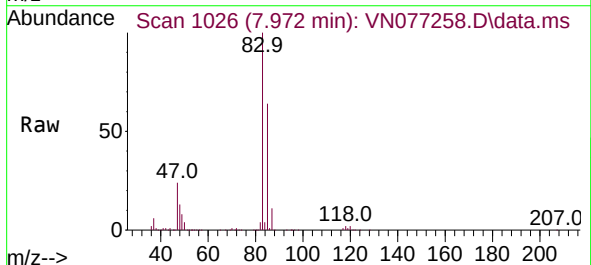
Tgt Ion: 42 Resp: 751920
Ion Ratio Lower Upper
42 100
72 55.7 35.6 53.4
71 51.6 33.2 49.8

Manual Integrations
APPROVED

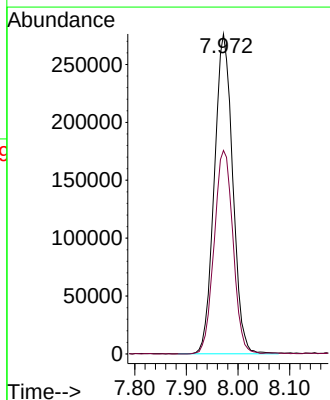
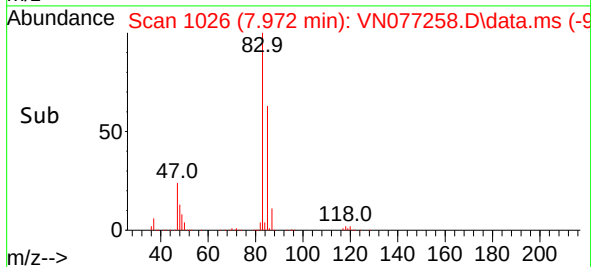
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

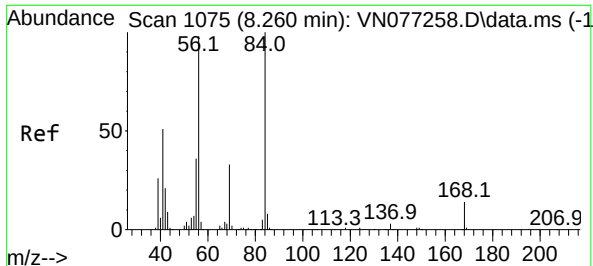


#30
Chloroform
Concen: 63.490 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



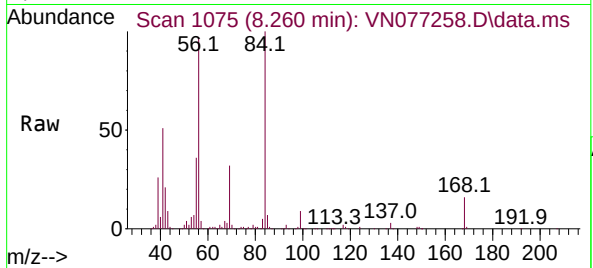
Tgt Ion: 83 Resp: 682972
Ion Ratio Lower Upper
83 100
85 63.6 51.4 77.0





#31
Cyclohexane
Concen: 53.599 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

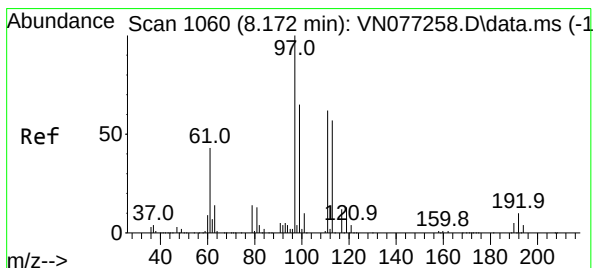
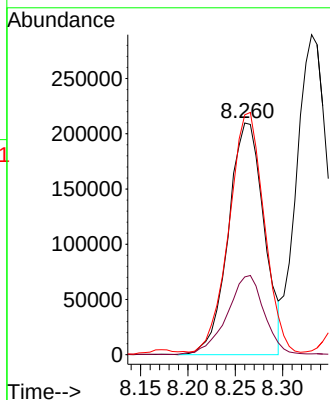
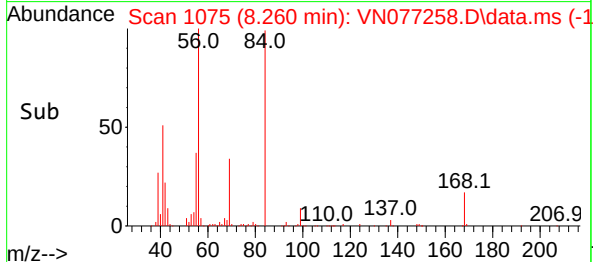
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



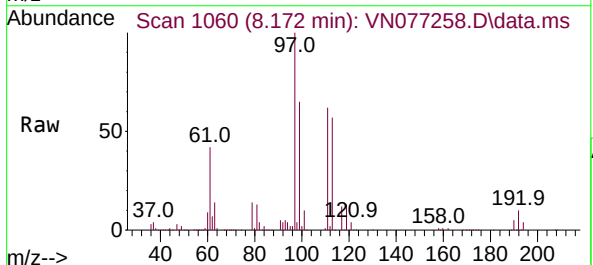
Tgt Ion: 56 Resp: 54909
Ion Ratio Lower Upper
56 100
69 33.3 25.1 37.7
84 102.3 69.0 103.4

Manual Integrations
APPROVED

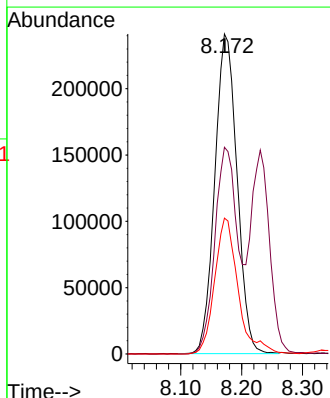
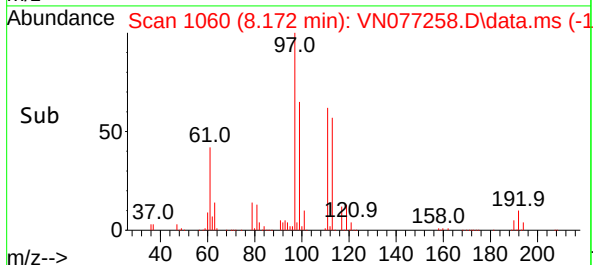
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

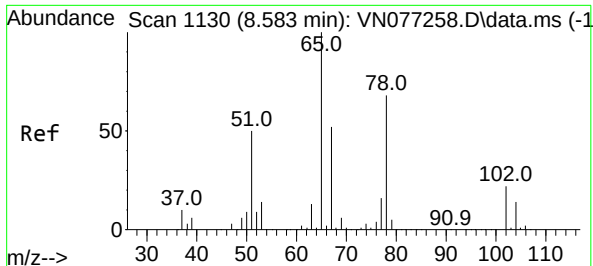


#32
1,1,1-Trichloroethane
Concen: 67.553 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



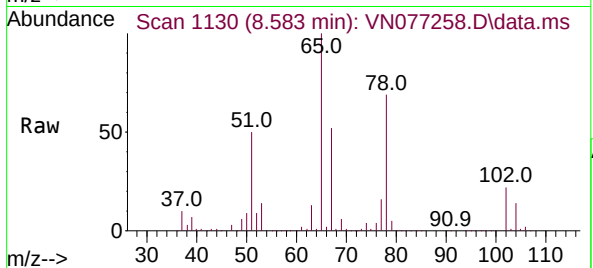
Tgt Ion: 97 Resp: 613007
Ion Ratio Lower Upper
97 100
99 67.8 51.8 77.8
61 44.7 37.1 55.7





#33
1,2-Dichloroethane-d4
Concen: 63.731 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

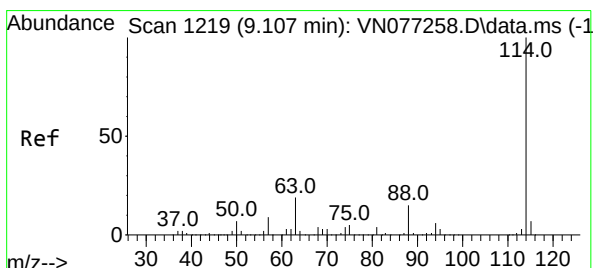
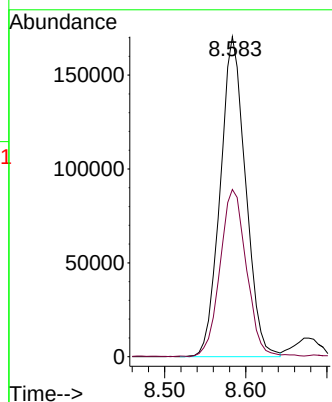
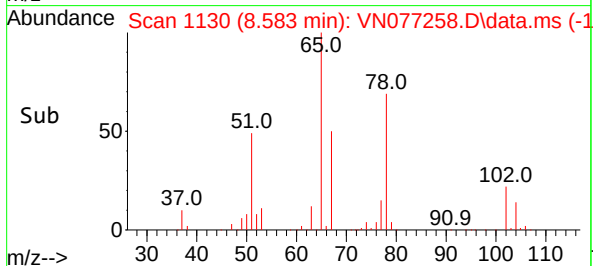
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 65 Resp: 370159
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.4

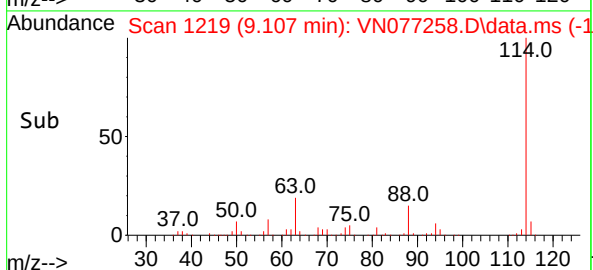
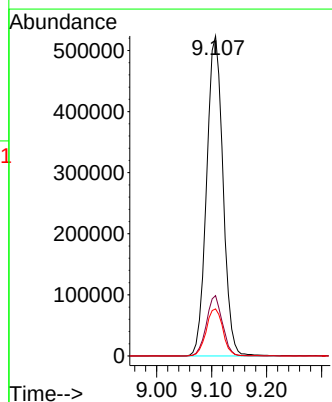
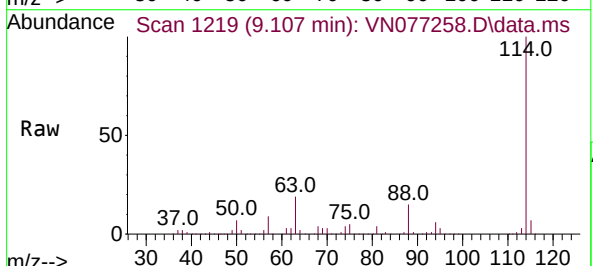
Manual Integrations
APPROVED

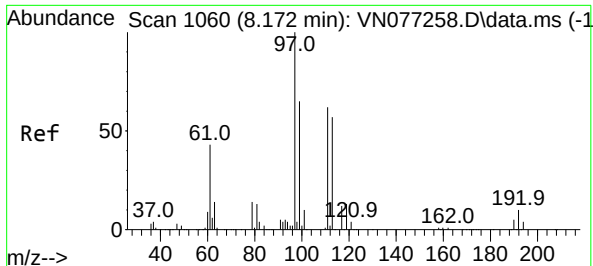
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:114 Resp: 1083455
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.2
88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.351 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

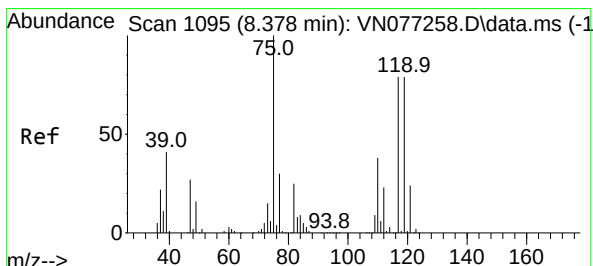
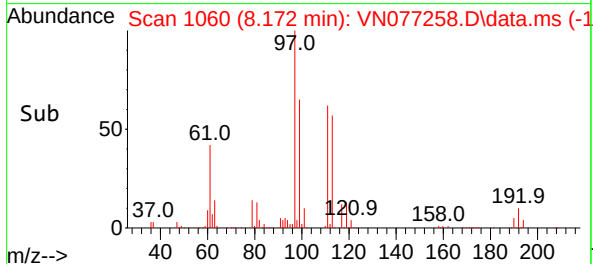
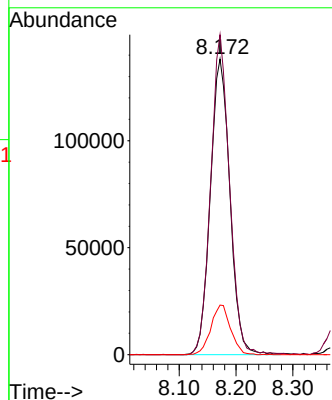
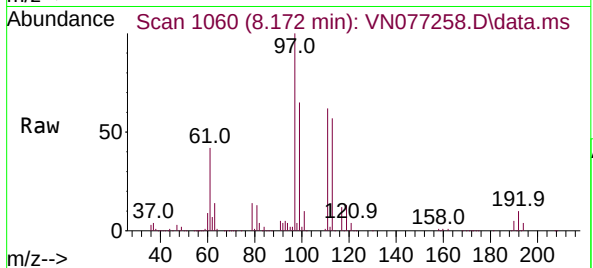
Tgt Ion:	113	Resp:	329960
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.2
192	16.9	18.5	27.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#36

1,1-Dichloropropene

Concen: 52.711 ug/l

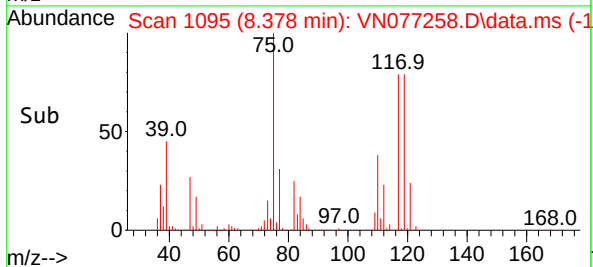
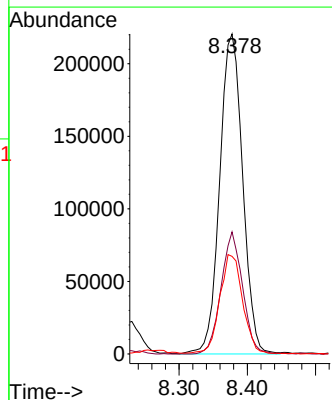
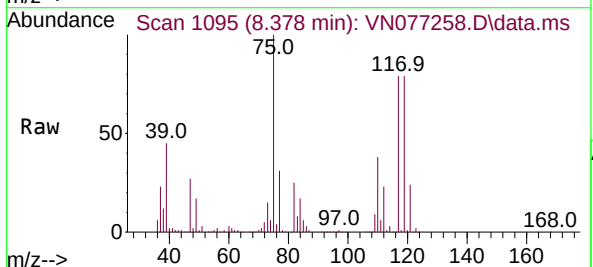
RT: 8.378 min Scan# 1095

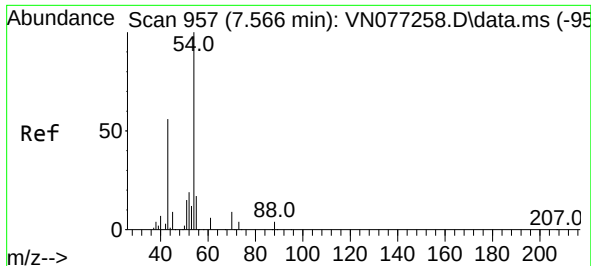
Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Tgt Ion:	75	Resp:	517374
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.6	52.9
77	31.2	24.4	36.6





#37

Ethyl Acetate

Concen: 47.148 ug/l

RT: 7.566 min Scan# 957

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 46428

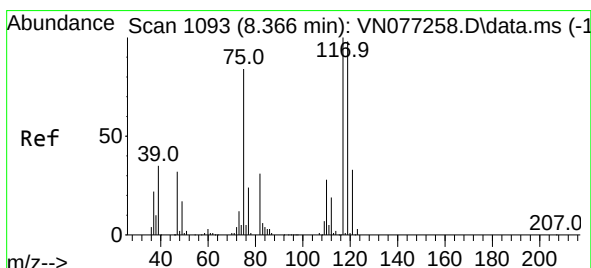
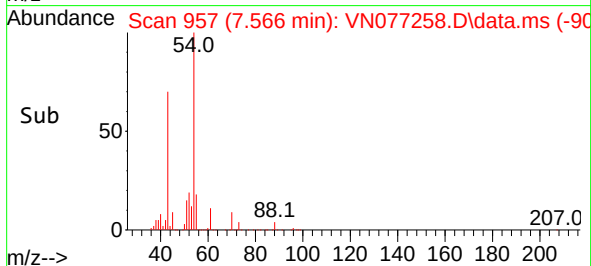
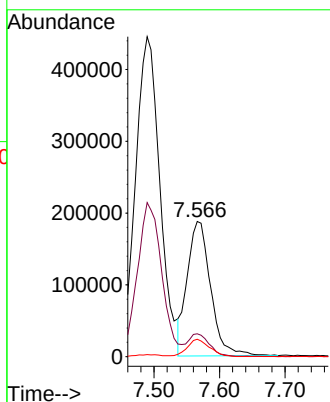
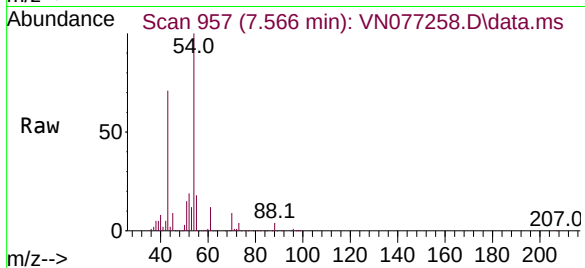
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.9	16.3
70	12.5	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#38

Carbon Tetrachloride

Concen: 52.102 ug/l

RT: 8.366 min Scan# 1093

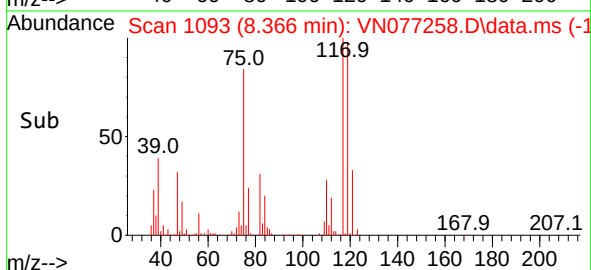
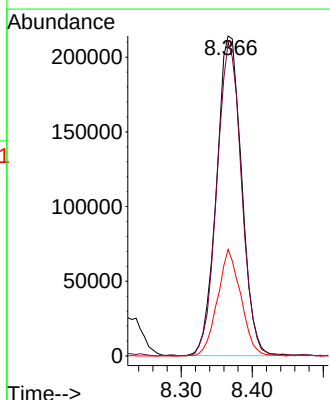
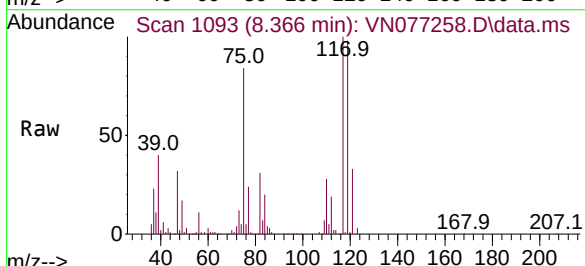
Delta R.T. 0.000 min

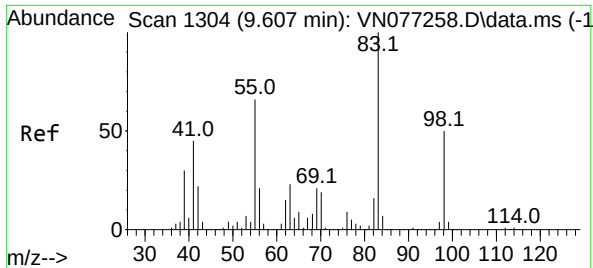
Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Tgt Ion:117 Resp: 524382

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.5	114.7
121	33.3	23.8	35.8





#39

Methylcyclohexane

Concen: 56.601 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

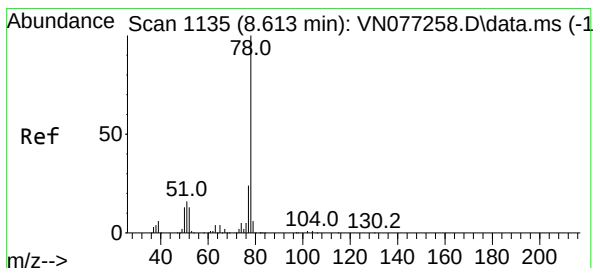
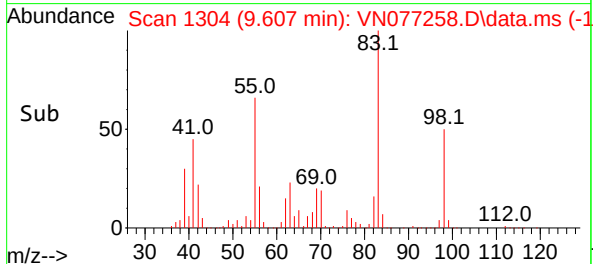
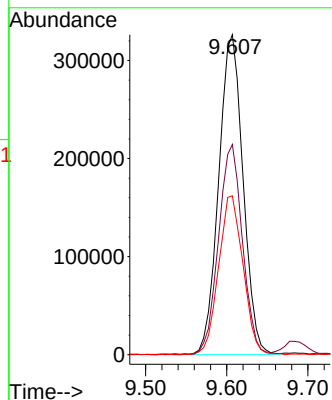
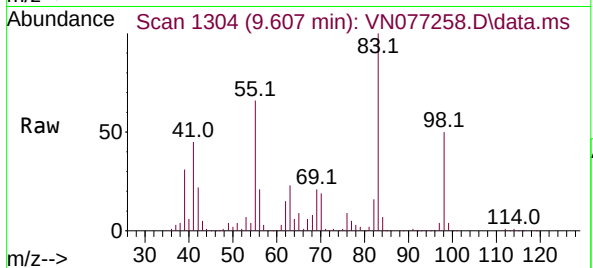
Tgt Ion:	83	Resp:	68134
Ion Ratio	Lower	Upper	
83	100		
55	65.5	59.7	89.5
98	49.7	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#40

Benzene

Concen: 52.241 ug/l

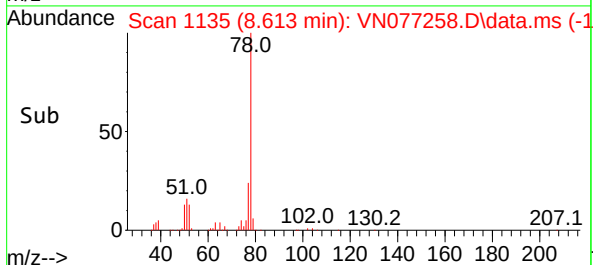
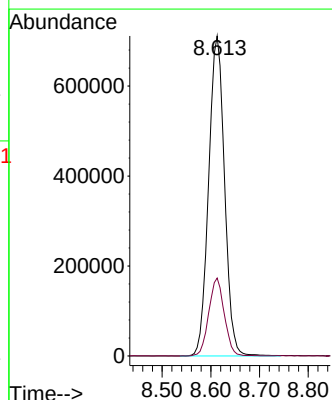
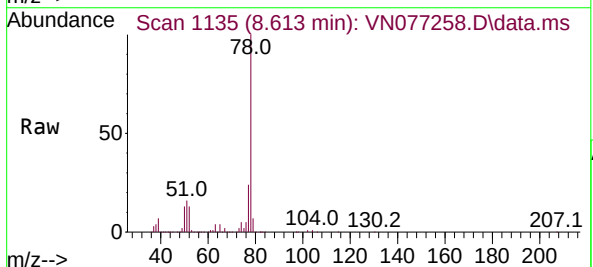
RT: 8.613 min Scan# 1135

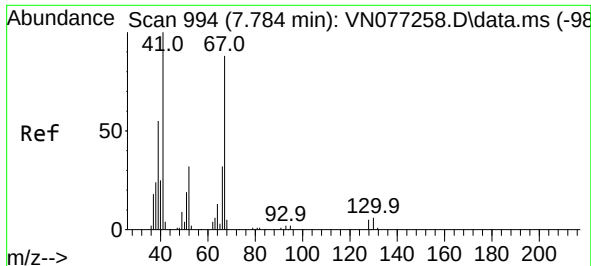
Delta R.T. 0.006 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

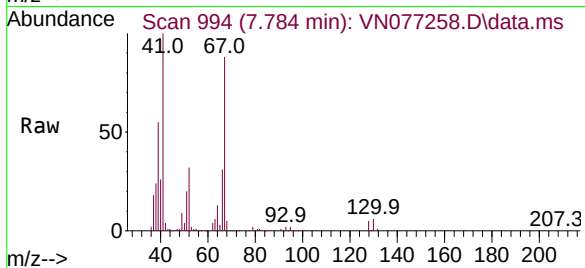
Tgt Ion:	78	Resp:	1609860
Ion Ratio	Lower	Upper	
78	100		
77	24.4	18.7	28.1





#41
Methacrylonitrile
Concen: 46.212 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

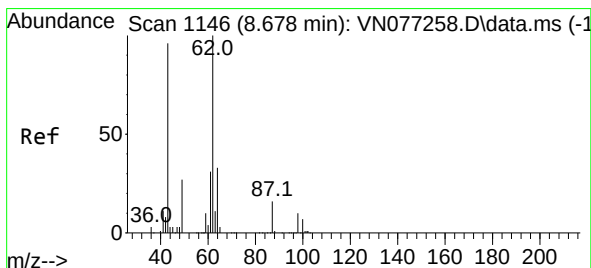
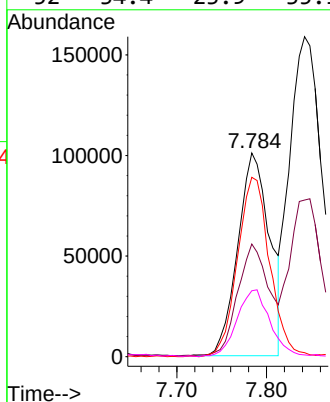
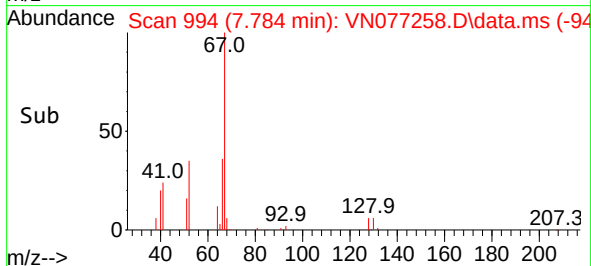
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 248745
Ion Ratio Lower Upper
41 100
39 55.1 44.0 66.0
67 89.3 60.7 91.1
52 34.4 23.9 35.9

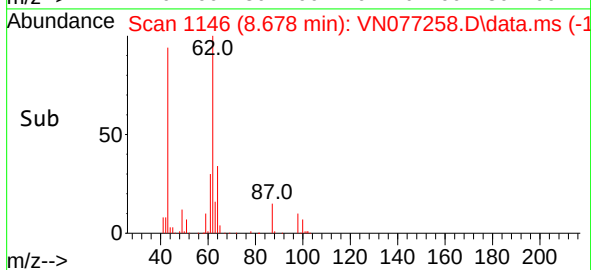
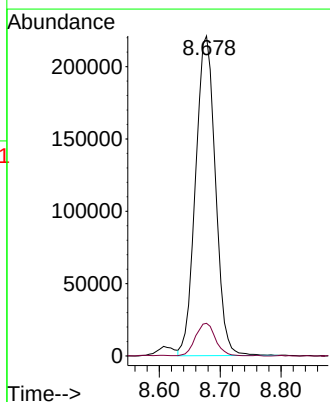
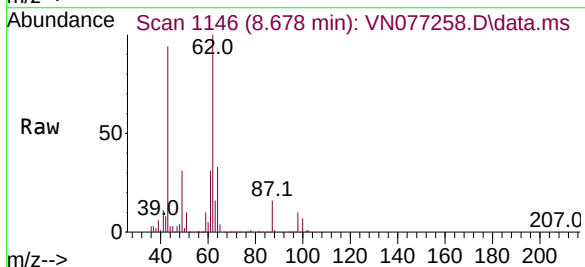
Manual Integrations
APPROVED

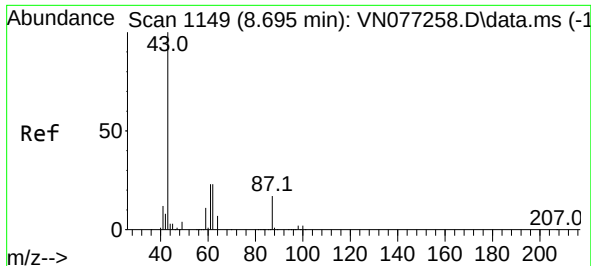
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#42
1,2-Dichloroethane
Concen: 49.612 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 62 Resp: 500258
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.8





#43

Isopropyl Acetate

Concen: 54.300 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

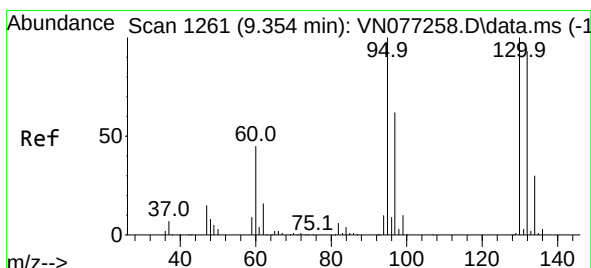
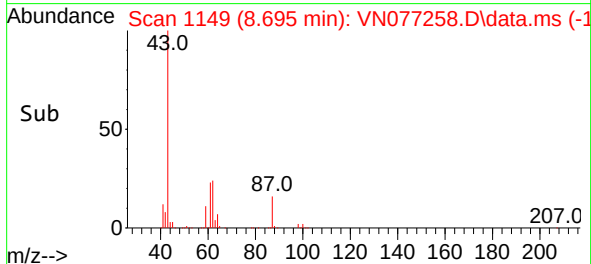
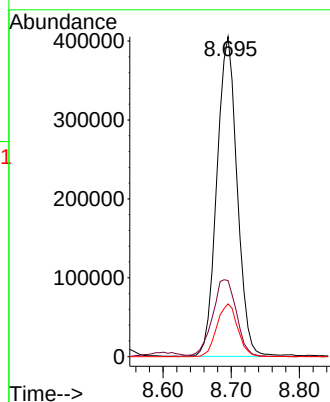
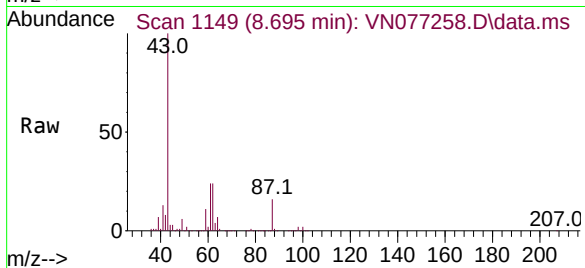
Tgt Ion:	43	Resp:	838810
Ion Ratio	Lower	Upper	
43	100		
61	28.4	22.2	33.2
87	17.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#44

Trichloroethene

Concen: 48.461 ug/l

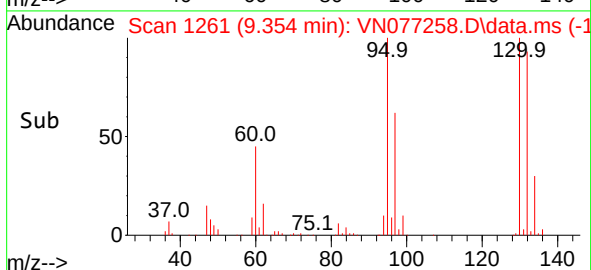
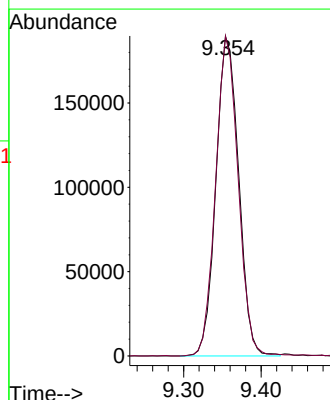
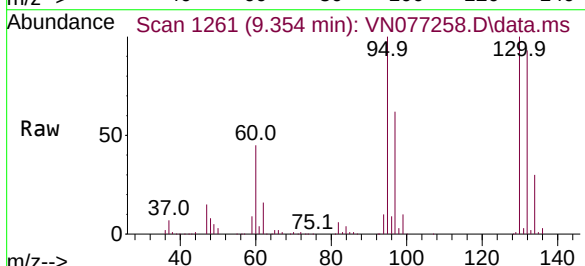
RT: 9.354 min Scan# 1261

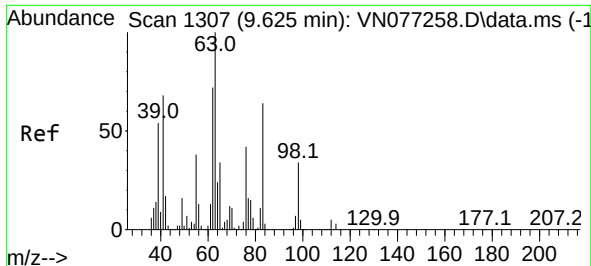
Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

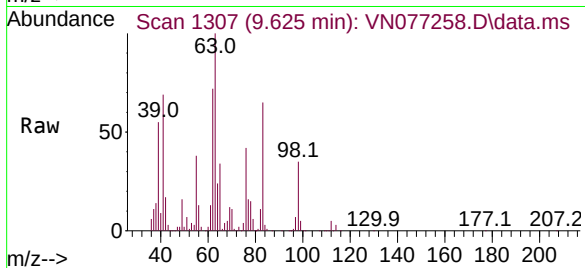
Tgt Ion:	130	Resp:	386388
Ion Ratio	Lower	Upper	
130	100		
95	100.1	0.0	197.8





#45
1,2-Dichloropropane
Concen: 46.821 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

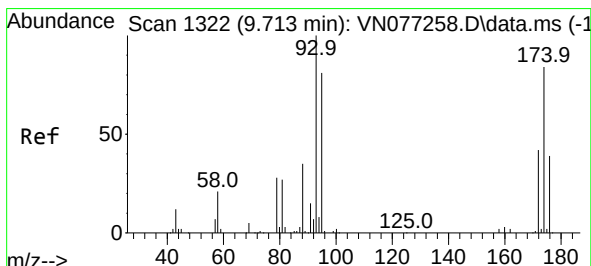
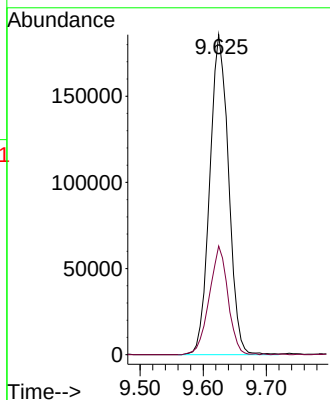
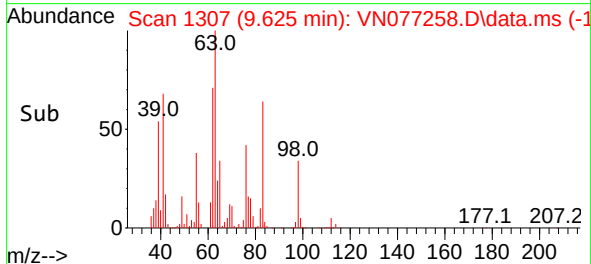
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



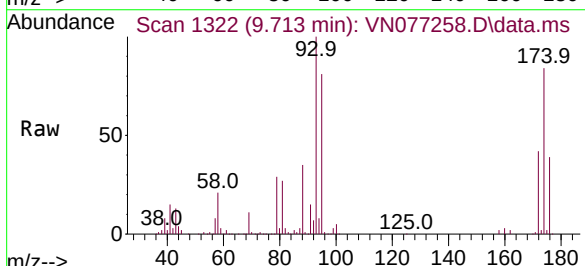
Tgt Ion: 63 Resp: 383818
Ion Ratio Lower Upper
63 100
65 33.9 24.2 36.4

Manual Integrations
APPROVED

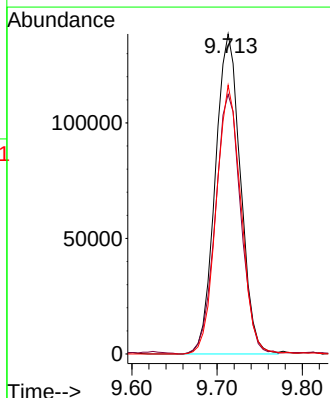
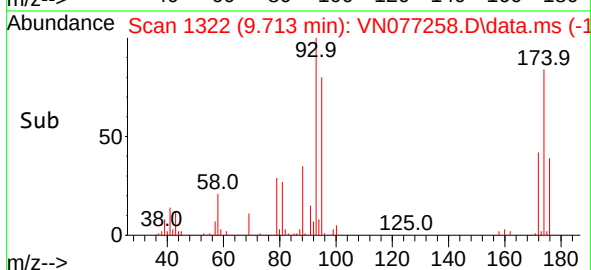
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

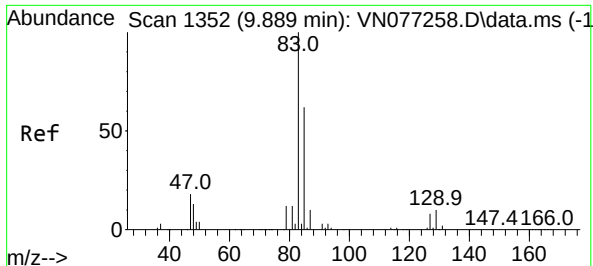


#46
Dibromomethane
Concen: 54.609 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



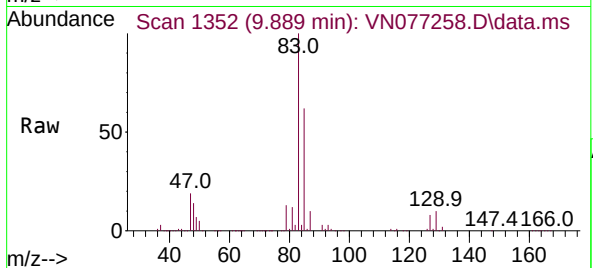
Tgt Ion: 93 Resp: 284603
Ion Ratio Lower Upper
93 100
95 82.2 66.1 99.1
174 82.5 91.0 136.4#





#47
Bromodichloromethane
Concen: 54.187 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

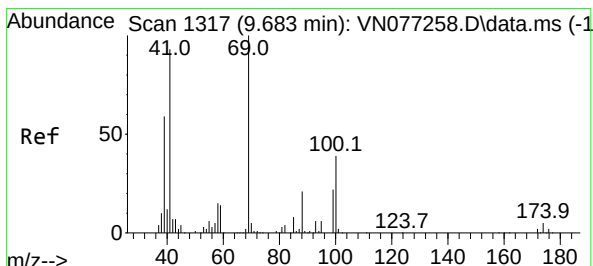
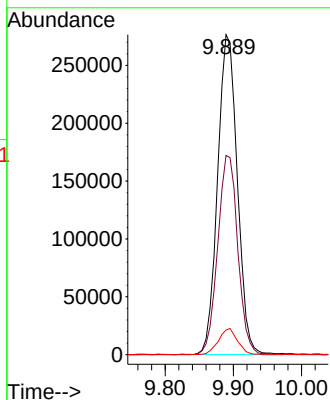
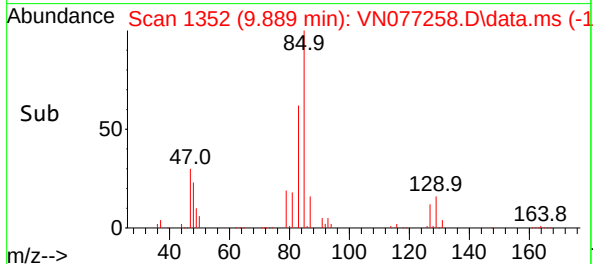
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



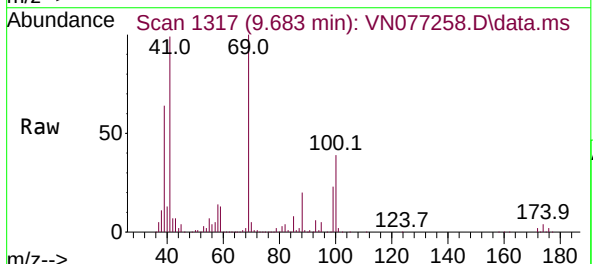
Tgt Ion: 83 Resp: 556028
Ion Ratio Lower Upper
83 100
85 62.3 51.3 76.9
127 7.7 6.6 10.0

Manual Integrations
APPROVED

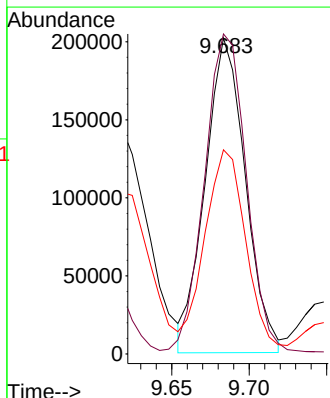
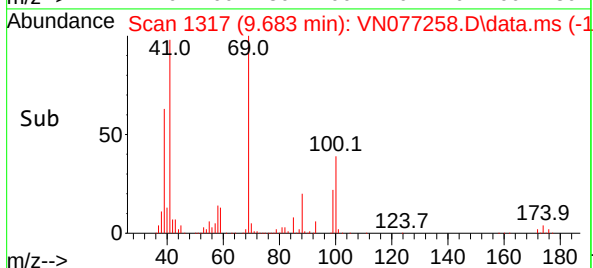
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

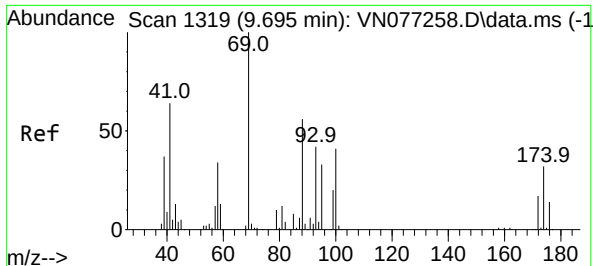


#48
Methyl methacrylate
Concen: 48.813 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



Tgt Ion: 41 Resp: 363716
Ion Ratio Lower Upper
41 100
69 106.3 70.7 106.1#
39 66.9 40.6 61.0#





#49

1,4-Dioxane

Concen: 1213.504 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 172012

Ion Ratio Lower Upper

88 100

43 21.3 21.2 31.8

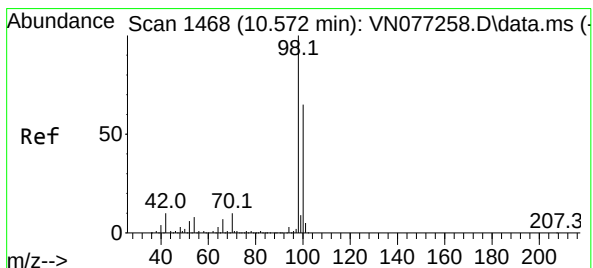
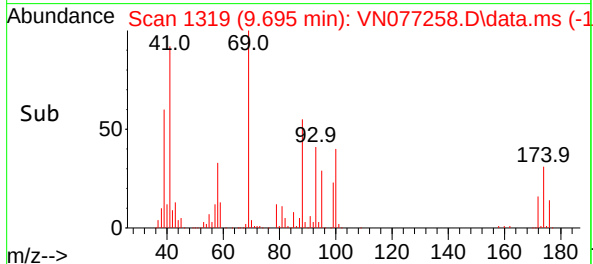
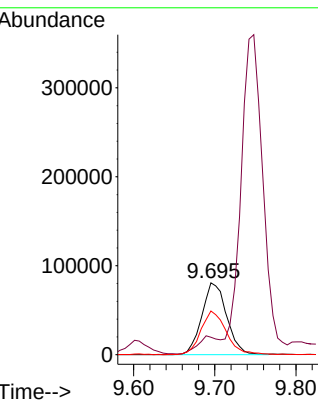
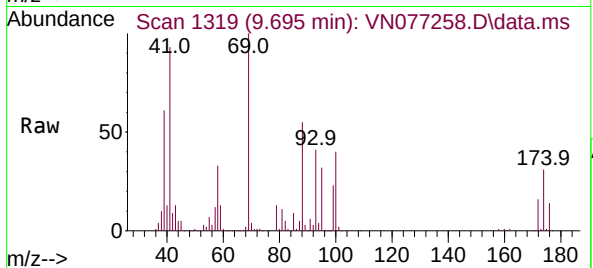
58 62.2 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#50

Toluene-d8

Concen: 56.424 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077258.D

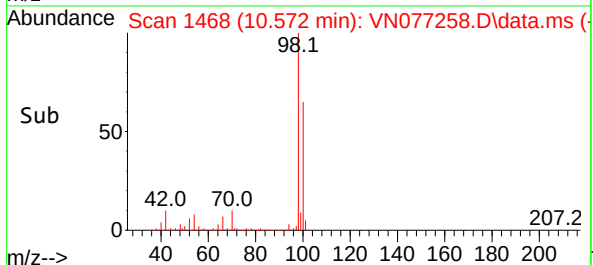
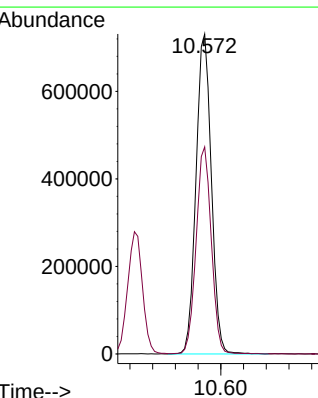
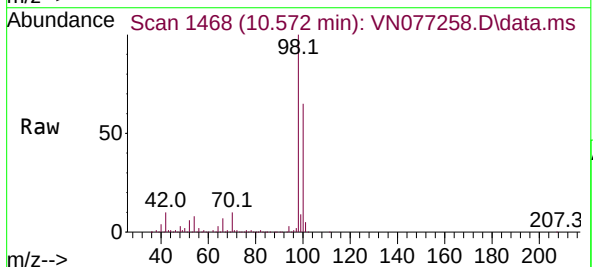
Acq: 05 Apr 2023 12:28

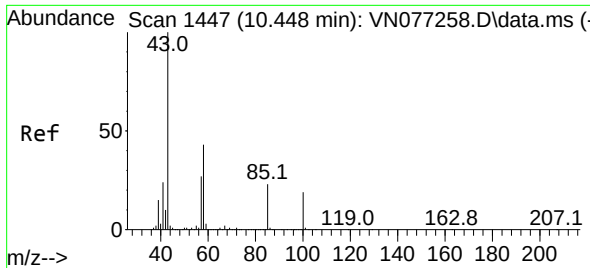
Tgt Ion: 98 Resp: 1364172

Ion Ratio Lower Upper

98 100

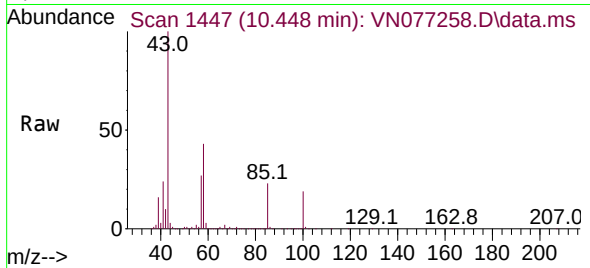
100 64.1 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 261.332 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

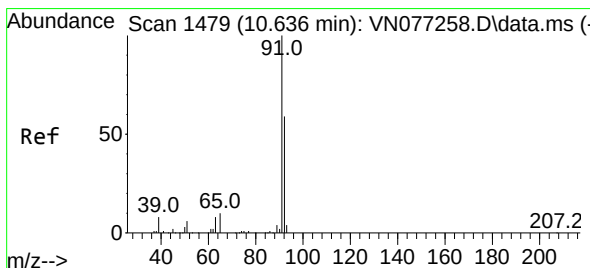
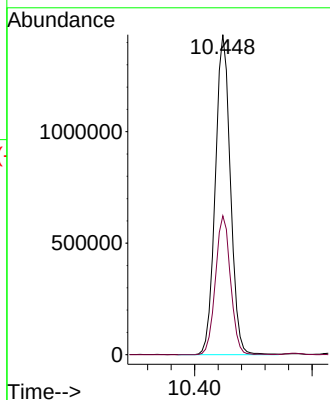
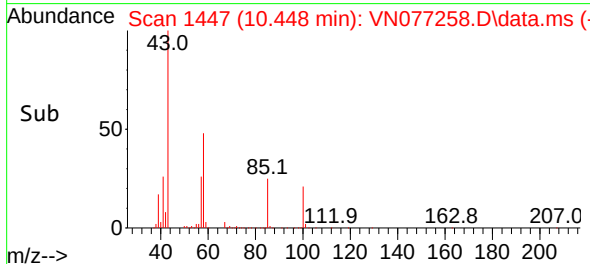
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 2556140
Ion Ratio Lower Upper
43 100
58 43.3 33.3 49.9

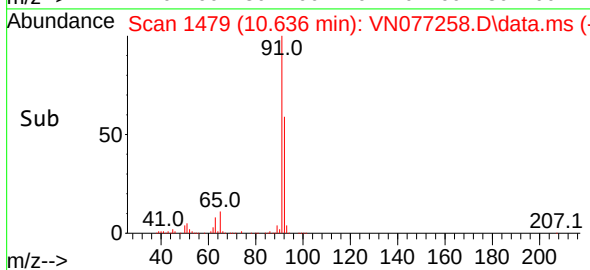
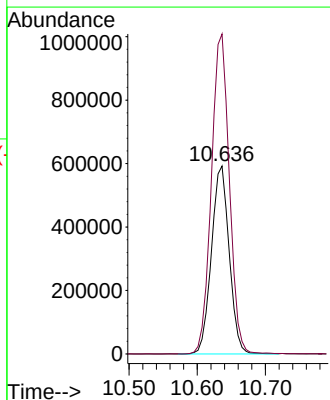
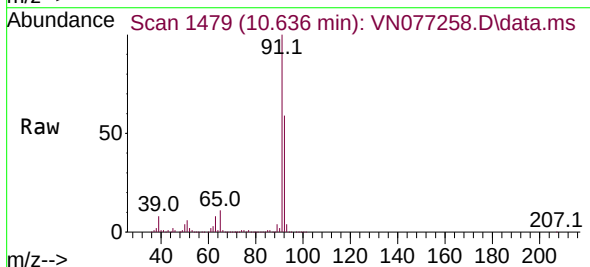
Manual Integrations
APPROVED

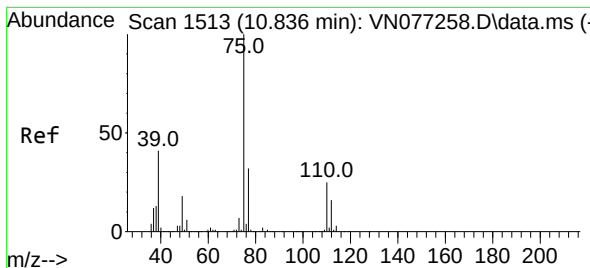
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#52
Toluene
Concen: 57.614 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 92 Resp: 1073899
Ion Ratio Lower Upper
92 100
91 172.5 138.8 208.2





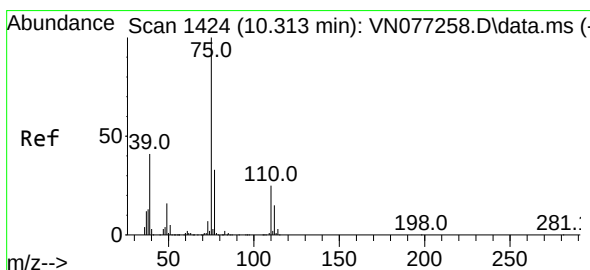
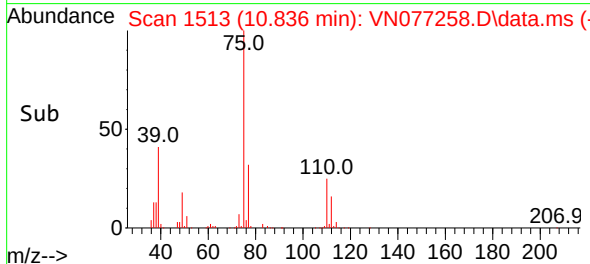
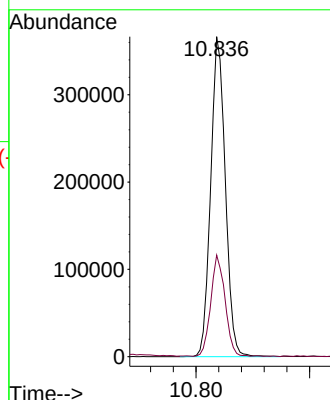
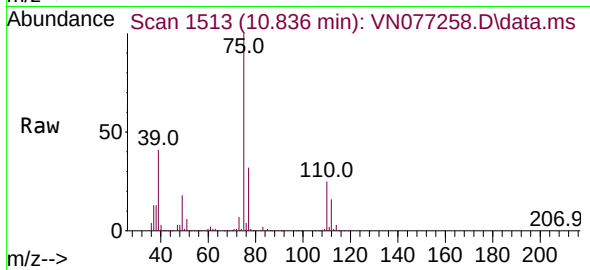
#53
t-1,3-Dichloropropene
Concen: 64.543 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 65325
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8

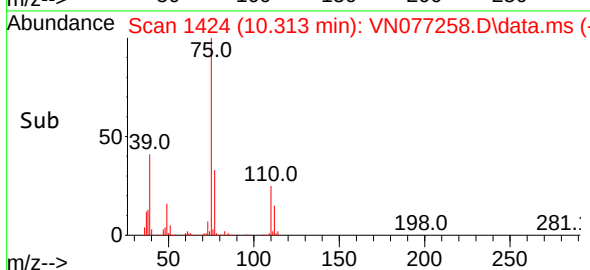
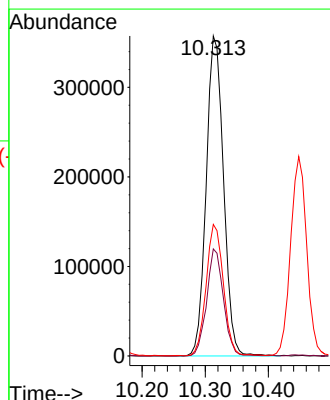
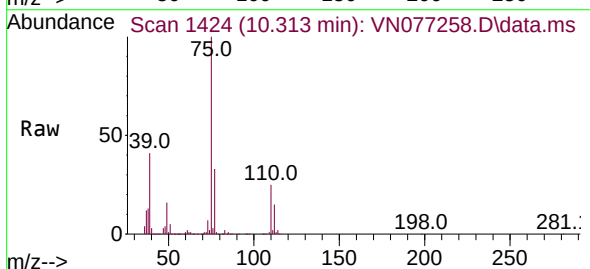
Manual Integrations
APPROVED

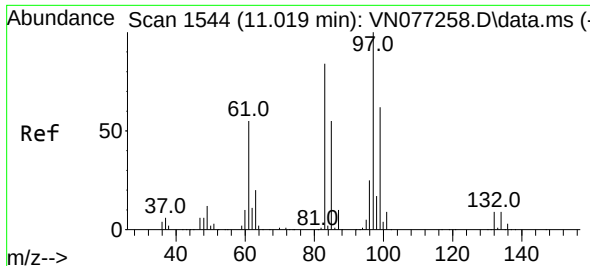
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#54
cis-1,3-Dichloropropene
Concen: 57.874 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

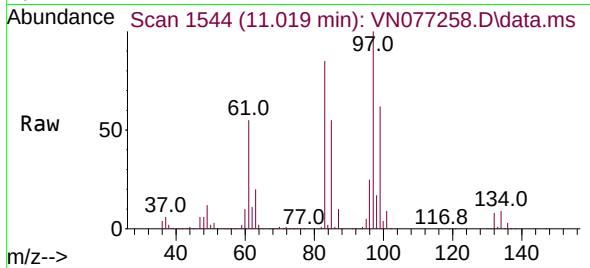
Tgt Ion: 75 Resp: 680490
Ion Ratio Lower Upper
75 100
77 33.4 24.8 37.2
39 41.0 33.3 49.9





#55
1,1,2-Trichloroethane
Concen: 53.636 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

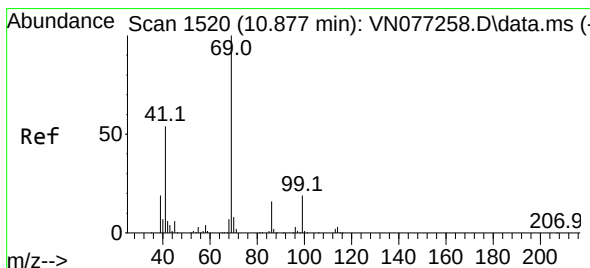
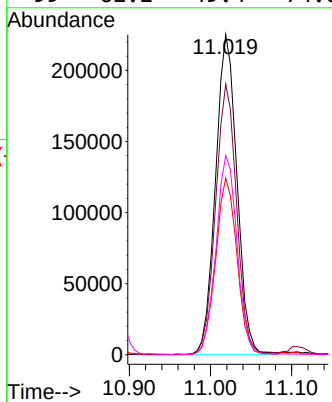
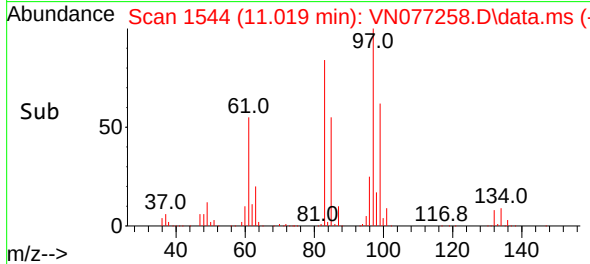
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



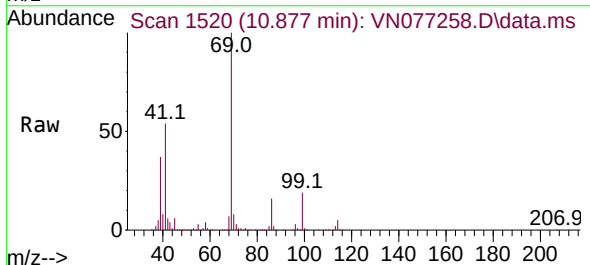
Tgt Ion: 97 Resp: 41355
Ion Ratio Lower Upper
97 100
83 84.3 68.4 102.6
85 55.1 43.2 64.8
99 62.2 49.4 74.0

Manual Integrations
APPROVED

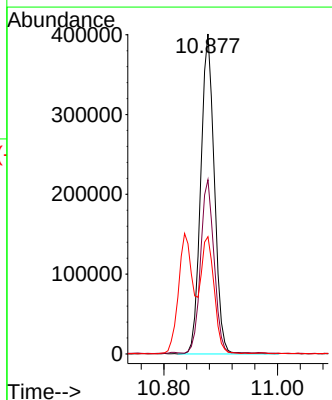
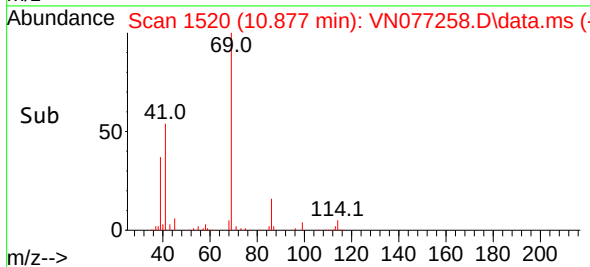
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

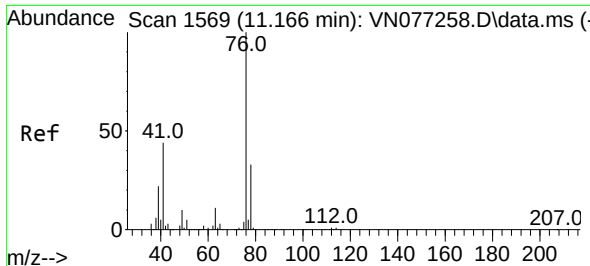


#56
Ethyl methacrylate
Concen: 62.368 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



Tgt Ion: 69 Resp: 665670
Ion Ratio Lower Upper
69 100
41 53.5 49.9 74.9
39 33.7 21.9 32.9





#57

1,3-Dichloropropane

Concen: 52.847 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 69217

Ion Ratio Lower Upper

76 100

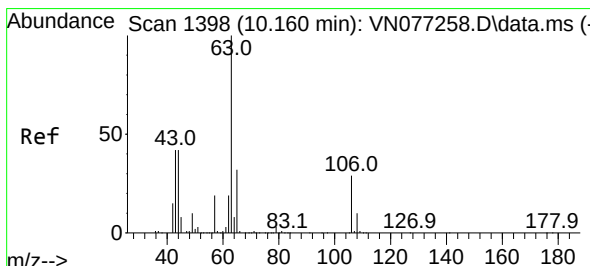
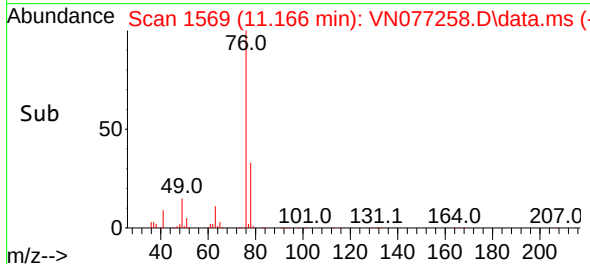
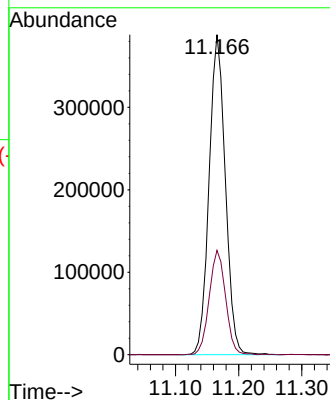
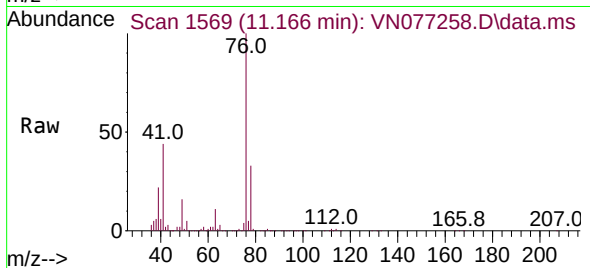
78 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#58

2-Chloroethyl Vinyl ether

Concen: 276.857 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077258.D

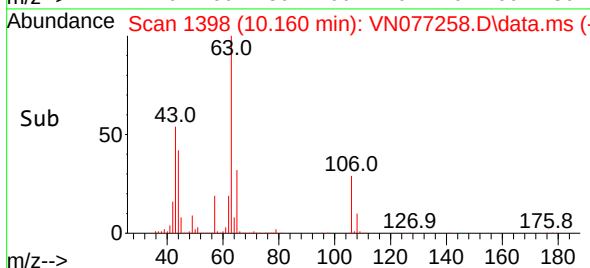
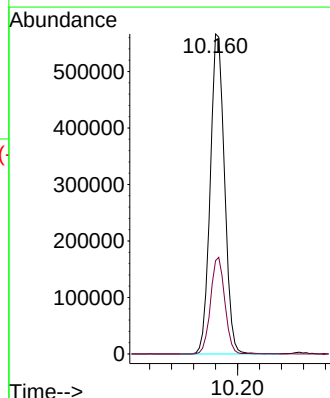
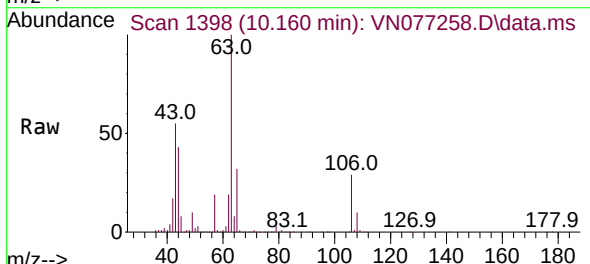
Acq: 05 Apr 2023 12:28

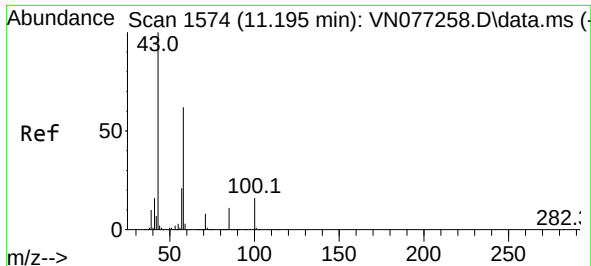
Tgt Ion: 63 Resp: 1021482

Ion Ratio Lower Upper

63 100

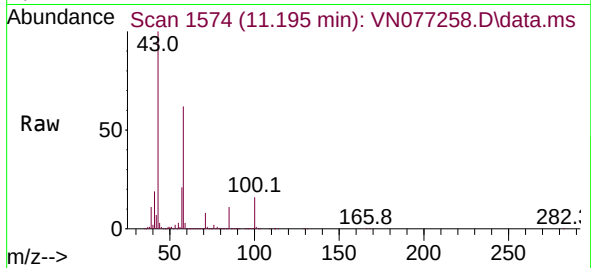
106 30.1 22.6 33.8





#59
2-Hexanone
Concen: 266.240 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

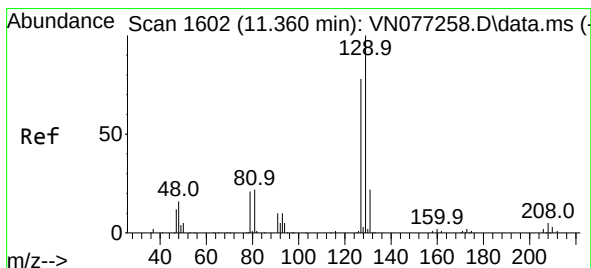
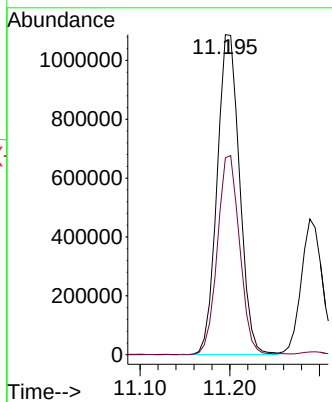
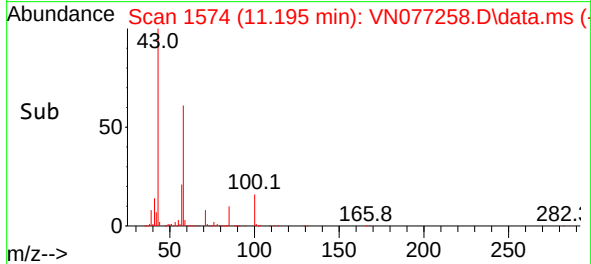
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 188987
Ion Ratio Lower Upper
43 100
58 61.7 29.3 88.0

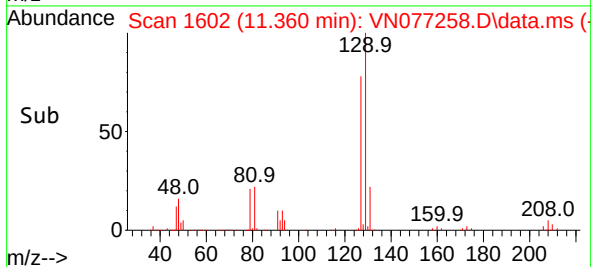
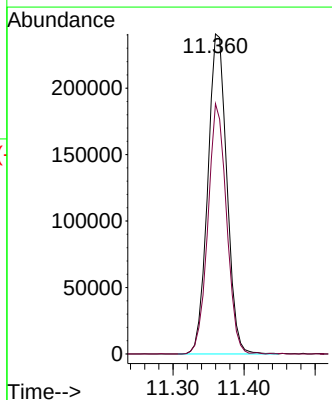
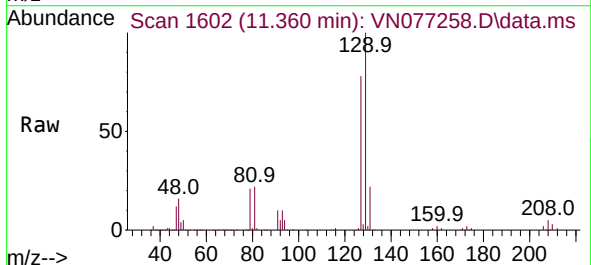
Manual Integrations
APPROVED

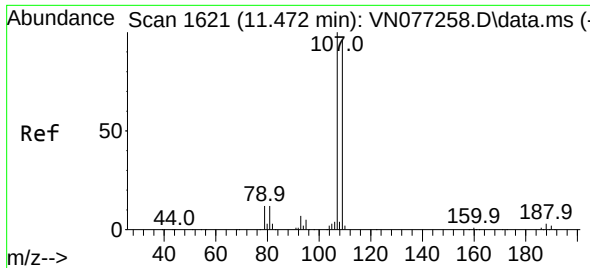
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#60
Dibromochloromethane
Concen: 55.965 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:129 Resp: 448328
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.3





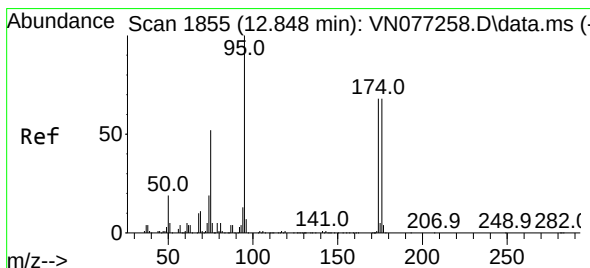
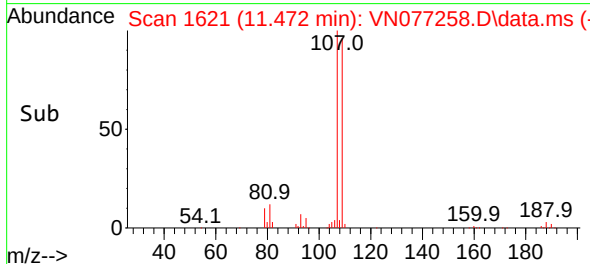
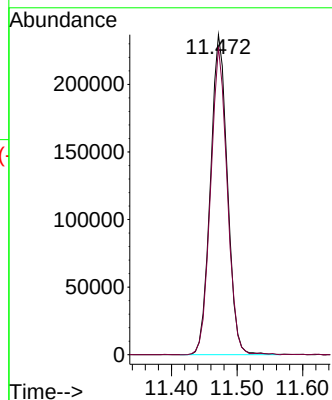
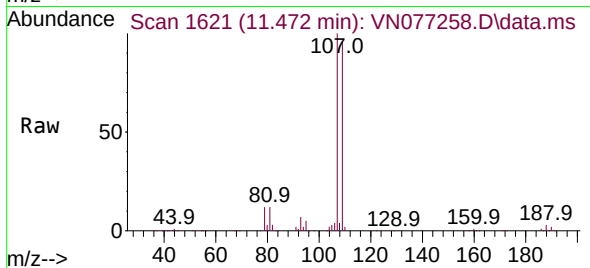
#61
1,2-Dibromoethane
Concen: 56.823 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 42536
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

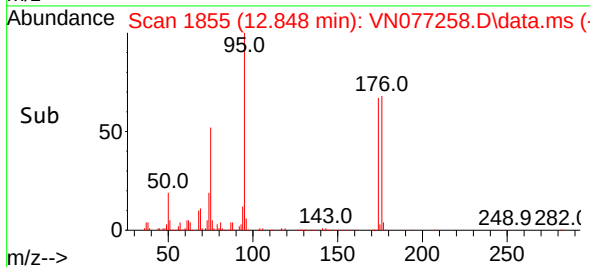
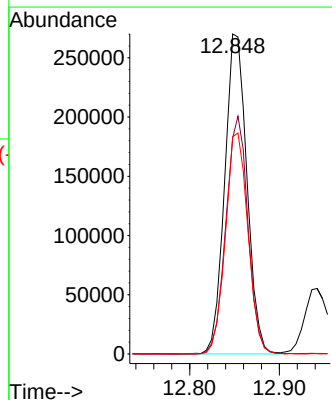
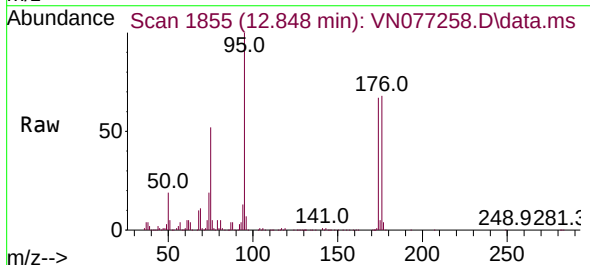
Manual Integrations
APPROVED

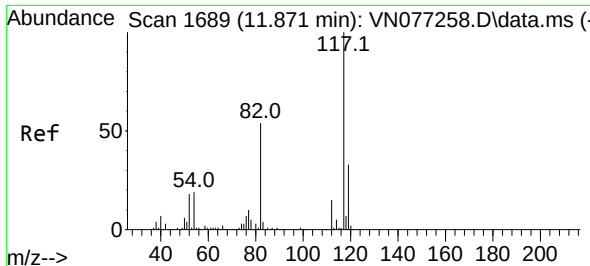
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#62
4-Bromofluorobenzene
Concen: 58.008 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

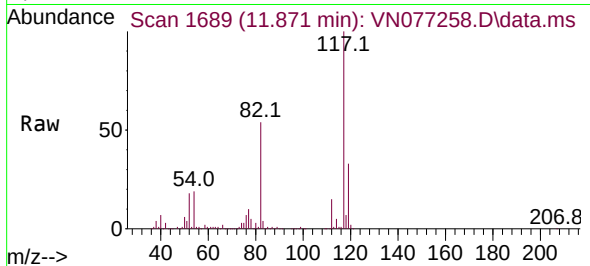
Tgt Ion: 95 Resp: 464283
Ion Ratio Lower Upper
95 100
174 73.4 0.0 179.2
176 69.8 0.0 171.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

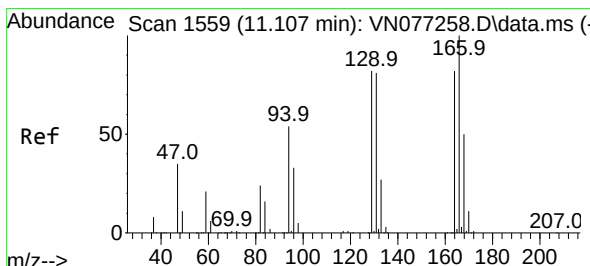
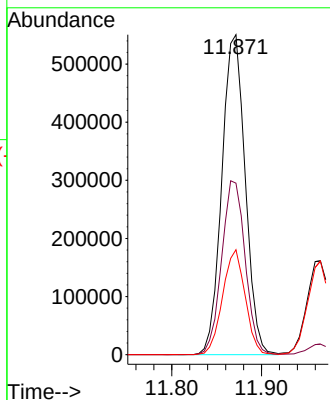
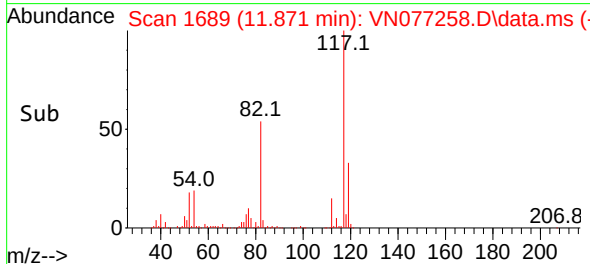
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 99732
Ion Ratio Lower Upper
117 100
82 53.6 42.9 64.3
119 32.8 25.3 37.9

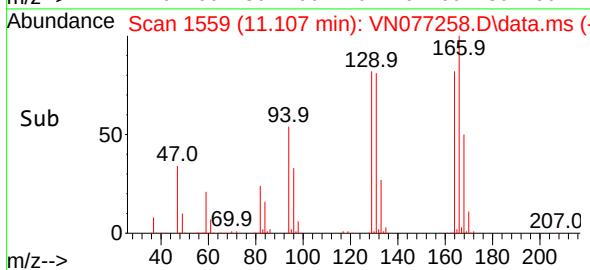
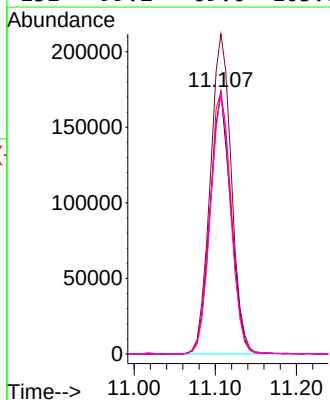
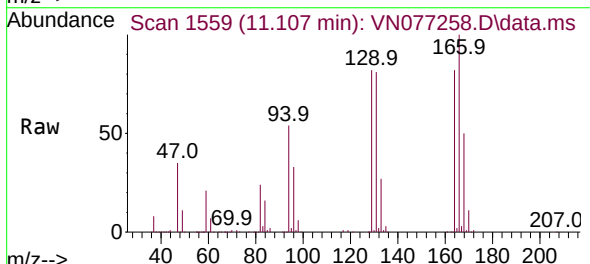
Manual Integrations
APPROVED

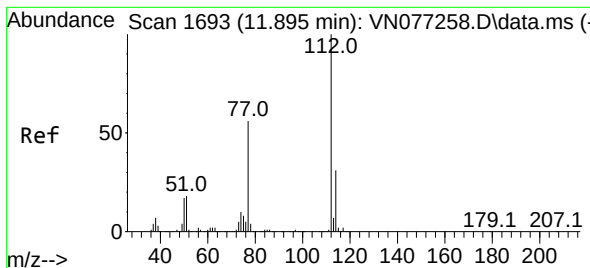
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#64
Tetrachloroethene
Concen: 42.060 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

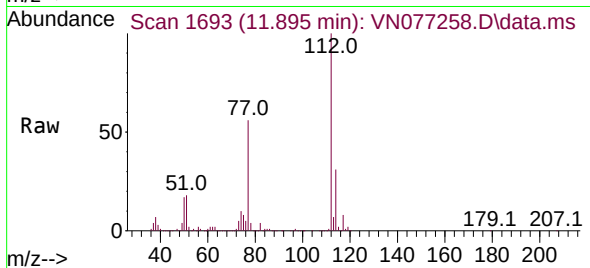
Tgt Ion:164 Resp: 307146
Ion Ratio Lower Upper
164 100
166 122.2 106.0 159.0
129 100.1 72.4 108.6
131 99.2 69.0 103.6





#65
Chlorobenzene
Concen: 53.196 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

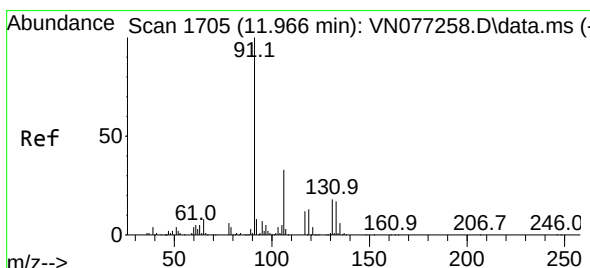
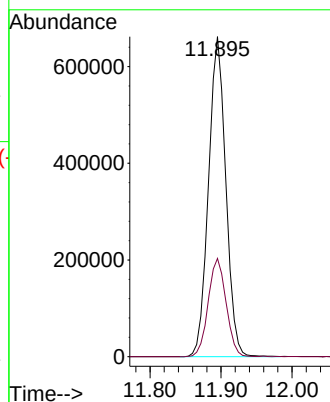
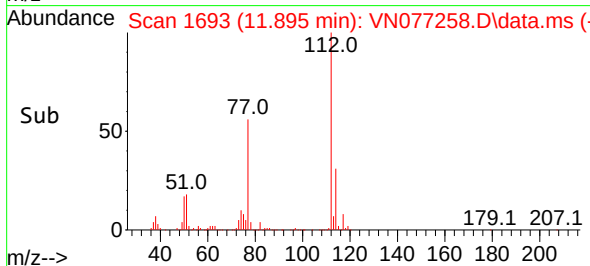
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



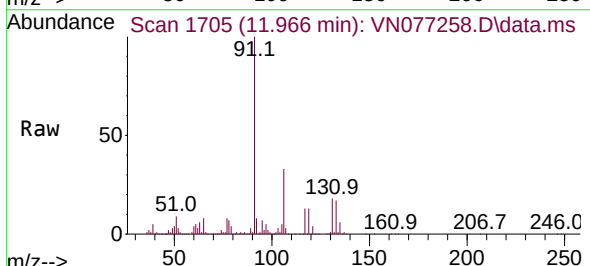
Tgt Ion:112 Resp: 112009
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9

Manual Integrations
APPROVED

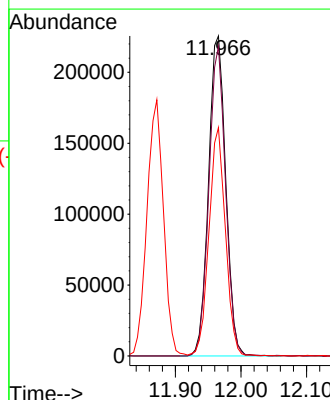
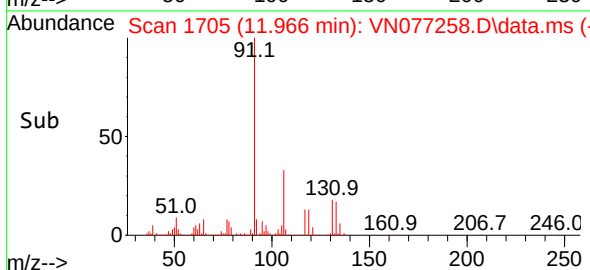
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

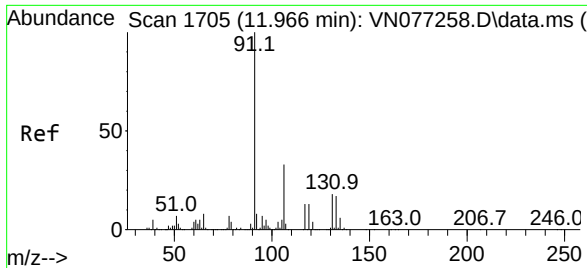


#66
1,1,1,2-Tetrachloroethane
Concen: 51.117 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



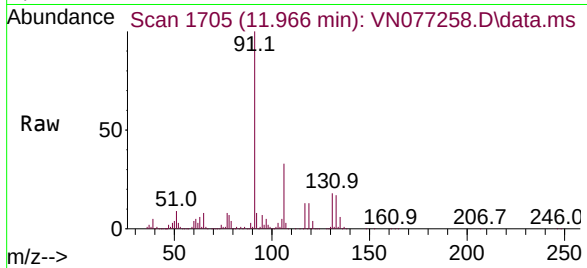
Tgt Ion:131 Resp: 412475
Ion Ratio Lower Upper
131 100
133 93.7 46.5 139.5
119 68.0 32.0 96.2





#67
Ethyl Benzene
Concen: 58.337 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

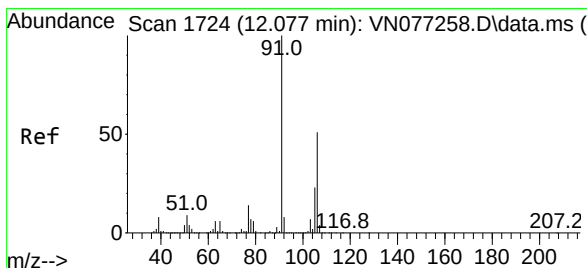
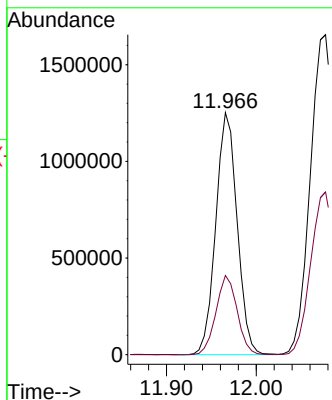
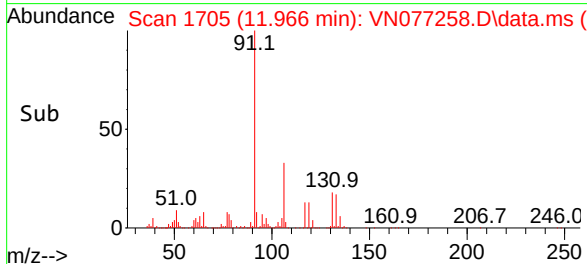
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 207092
Ion Ratio Lower Upper
91 100
106 32.7 24.3 36.5

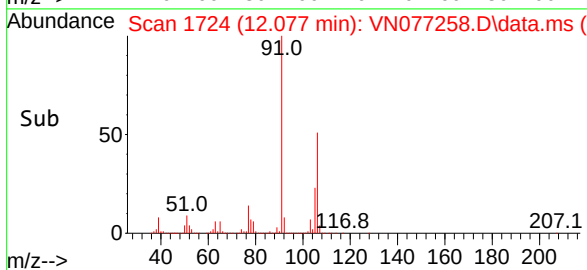
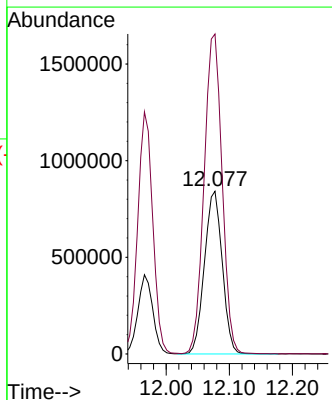
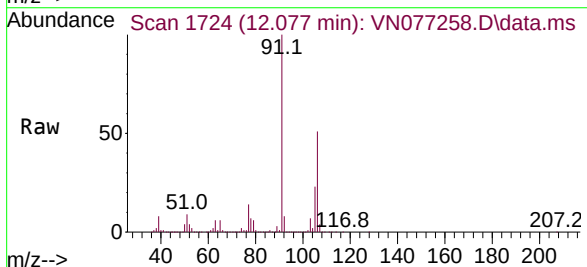
Manual Integrations
APPROVED

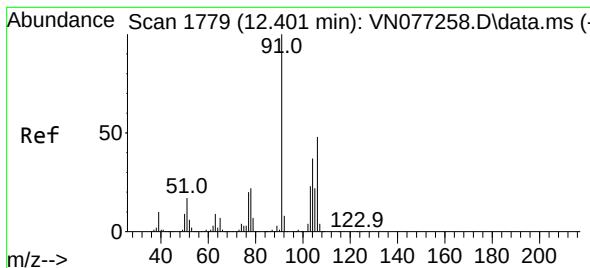
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#68
m/p-Xylenes
Concen: 119.379 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:106 Resp: 1648269
Ion Ratio Lower Upper
106 100
91 198.4 158.6 238.0





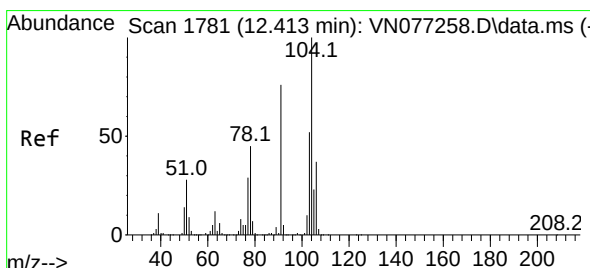
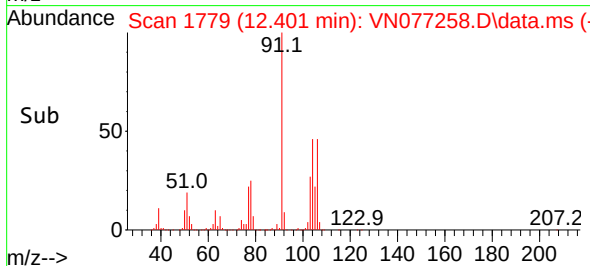
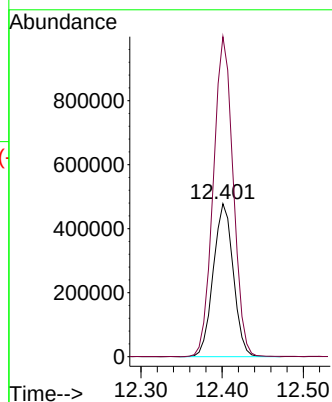
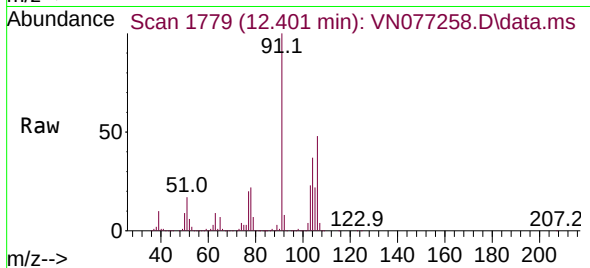
#69
o-Xylene
Concen: 61.477 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 818510
Ion Ratio Lower Upper
106 100
91 208.0 104.7 314.1

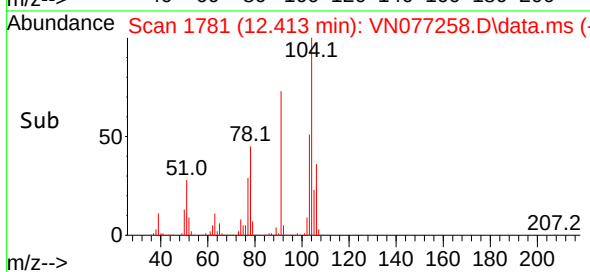
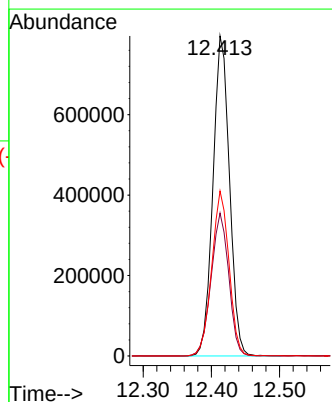
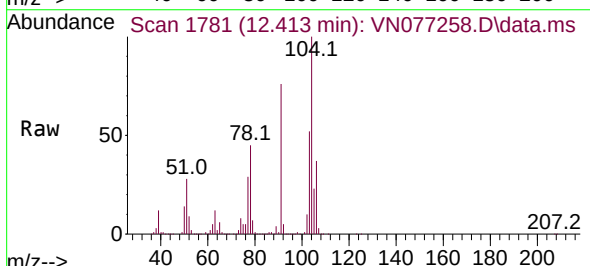
Manual Integrations
APPROVED

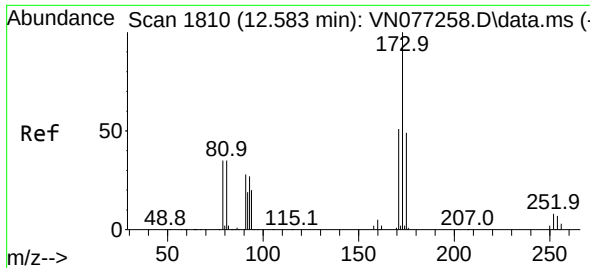
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#70
Styrene
Concen: 63.472 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

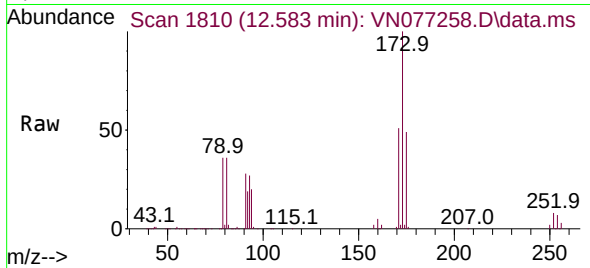
Tgt Ion:104 Resp: 1345415
Ion Ratio Lower Upper
104 100
78 47.5 38.7 58.1
103 53.9 44.5 66.7





#71
Bromoform
Concen: 49.383 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

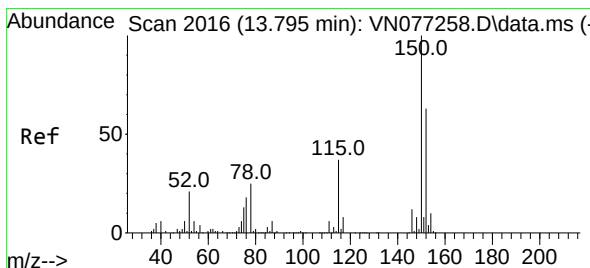
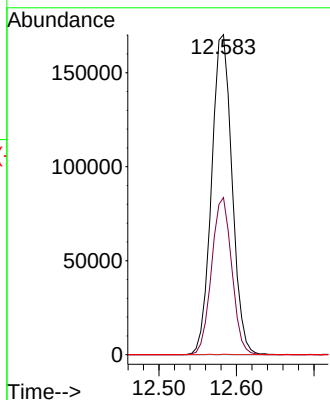
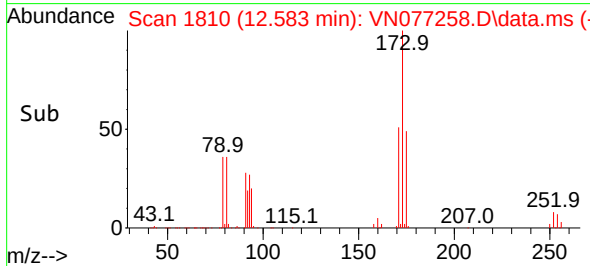
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



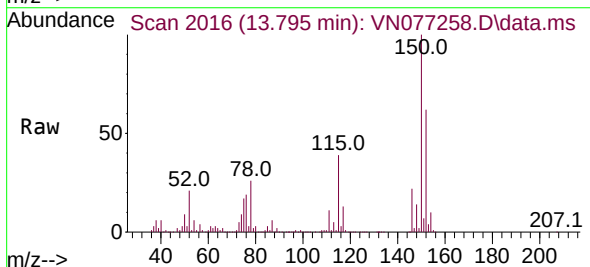
Tgt Ion:173 Resp: 31278
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.1 0.1 0.1

Manual Integrations
APPROVED

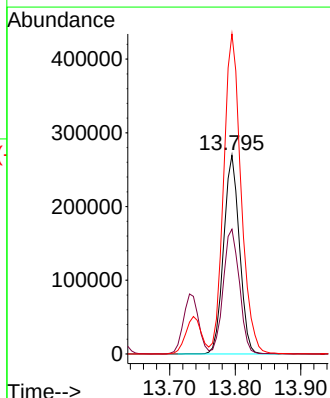
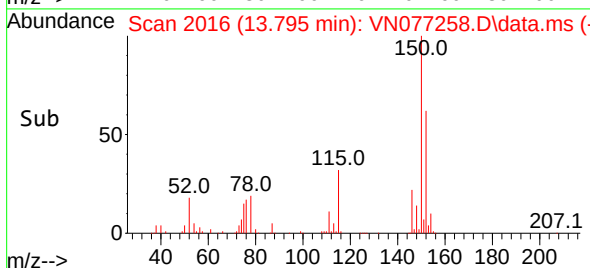
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

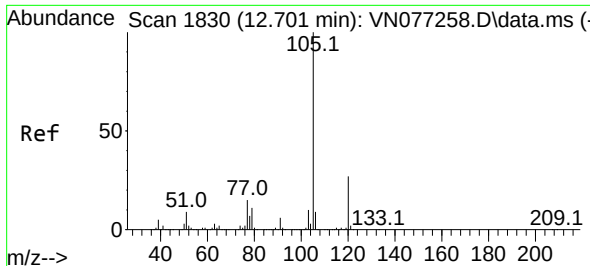


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



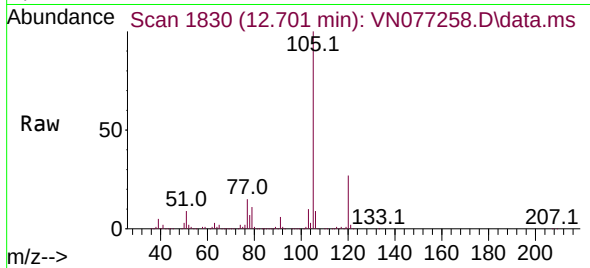
Tgt Ion:152 Resp: 449761
Ion Ratio Lower Upper
152 100
115 64.2 27.9 83.6
150 177.4 0.0 346.4





#73
Isopropylbenzene
Concen: 62.189 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

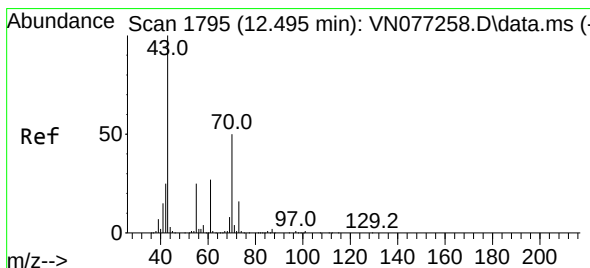
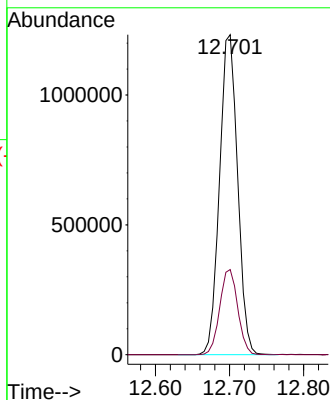
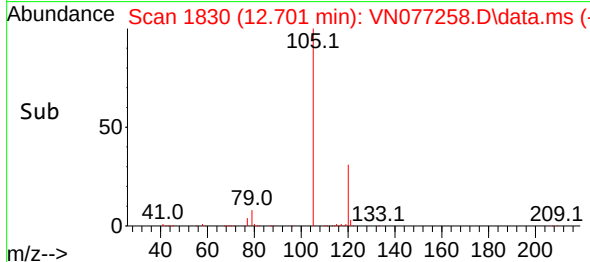
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



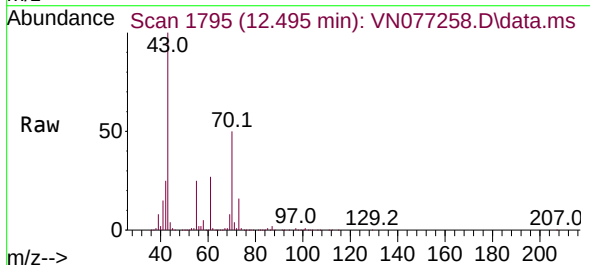
Tgt Ion:105 Resp: 208575
Ion Ratio Lower Upper
105 100
120 26.4 13.7 41.1

Manual Integrations
APPROVED

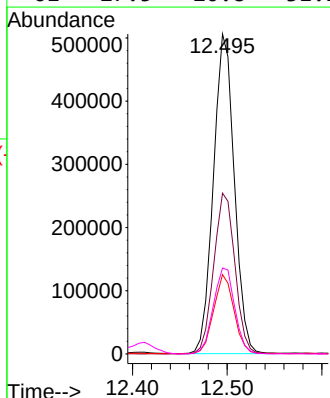
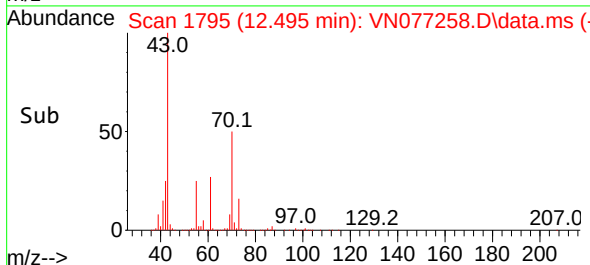
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

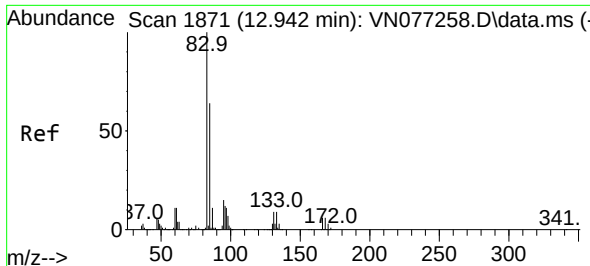


#74
N-ethyl acetate
Concen: 62.869 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



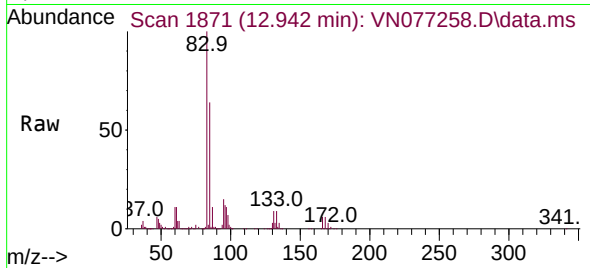
Tgt Ion: 43 Resp: 777353
Ion Ratio Lower Upper
43 100
70 51.3 37.5 56.3
55 24.1 21.4 32.0
61 27.5 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 54.863 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

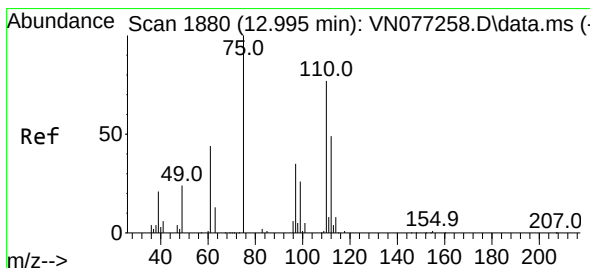
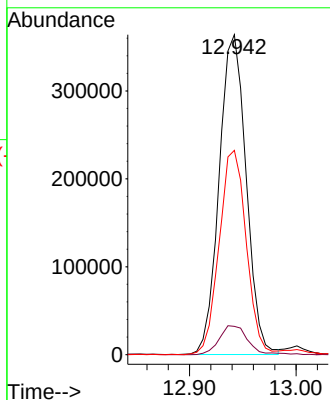
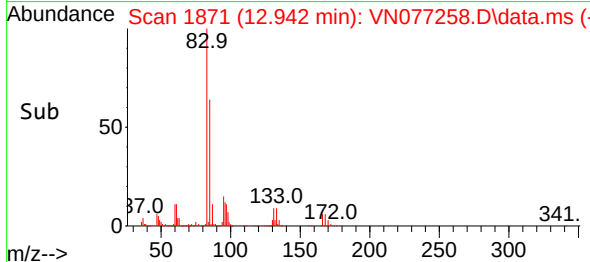
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 63992
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 64.2 32.3 96.9

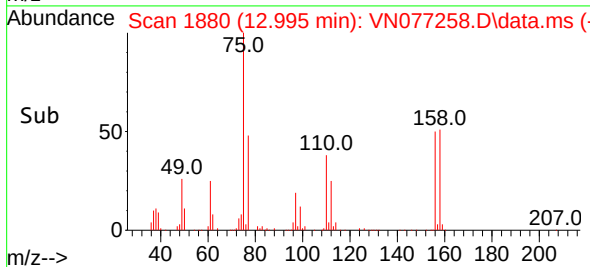
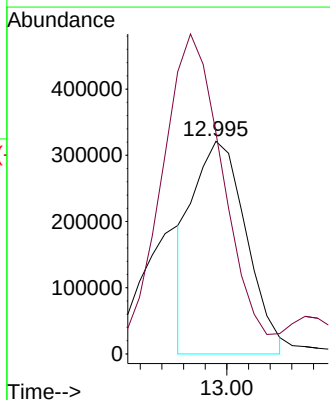
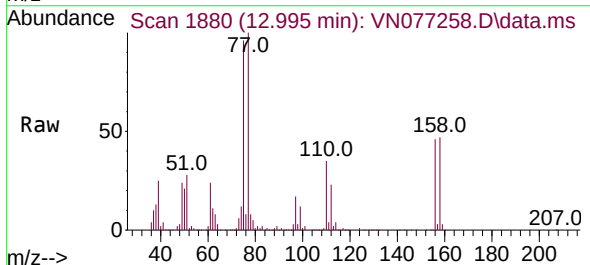
Manual Integrations
APPROVED

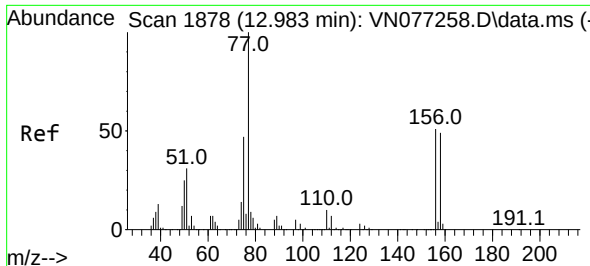
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#76
1,2,3-Trichloropropane
Concen: 54.773 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

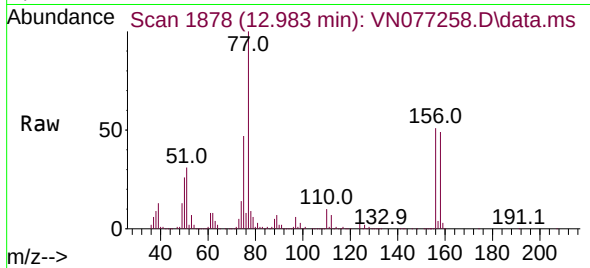
Tgt Ion: 75 Resp: 550592
Ion Ratio Lower Upper
75 100
77 176.6 93.7 280.9





#77
Bromobenzene
Concen: 46.959 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

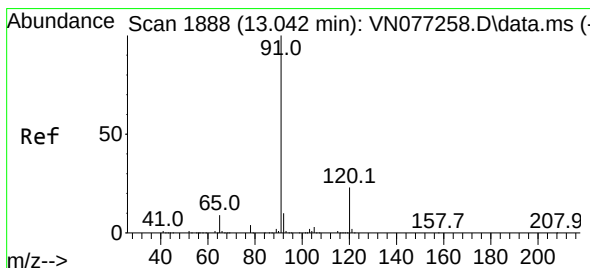
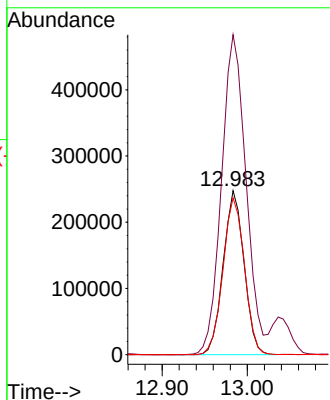
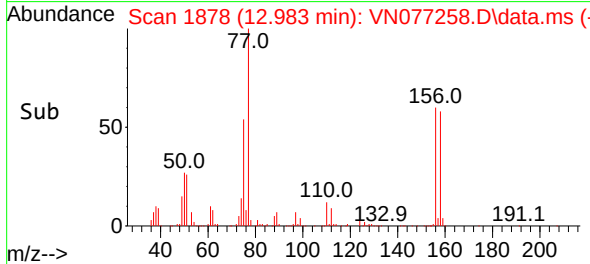
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



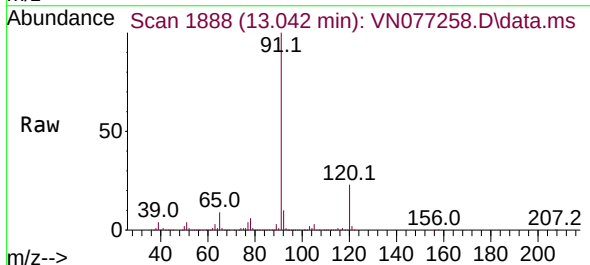
Tgt Ion:156 Resp: 421730
Ion Ratio Lower Upper
156 100
77 230.5 97.0 291.2
158 98.5 49.1 147.3

Manual Integrations
APPROVED

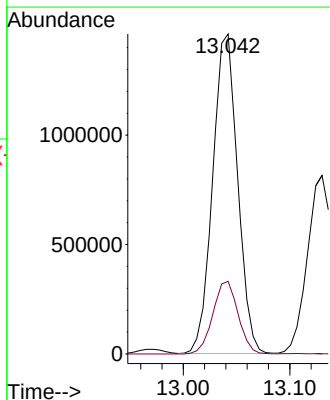
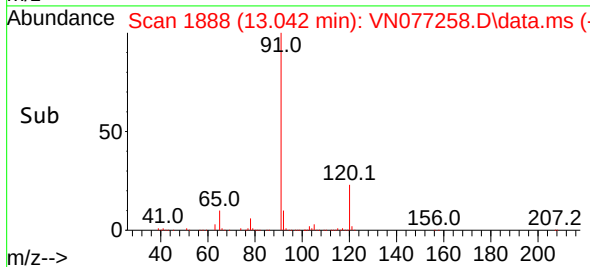
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

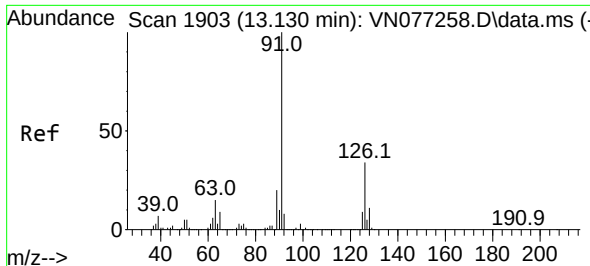


#78
n-propylbenzene
Concen: 64.192 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



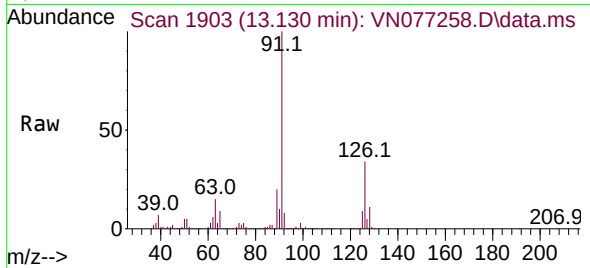
Tgt Ion: 91 Resp: 2374194
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.1





#79
2-Chlorotoluene
Concen: 58.337 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

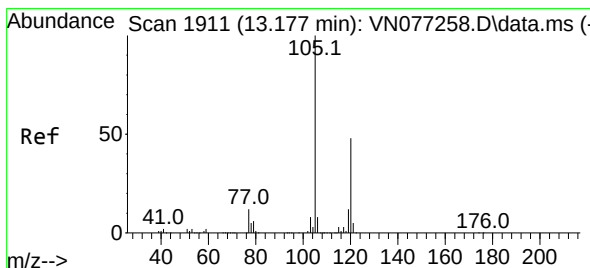
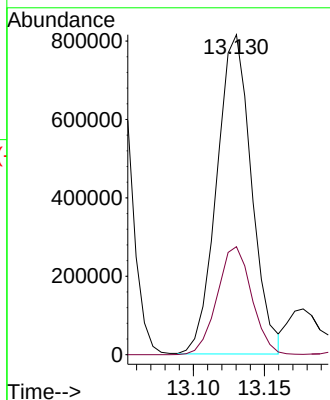
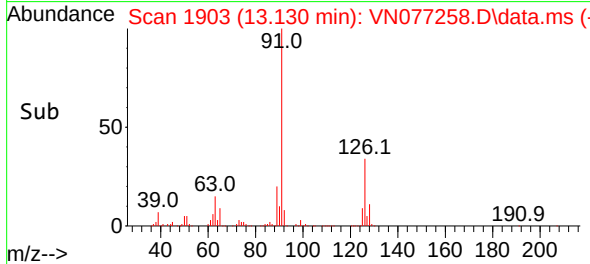
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



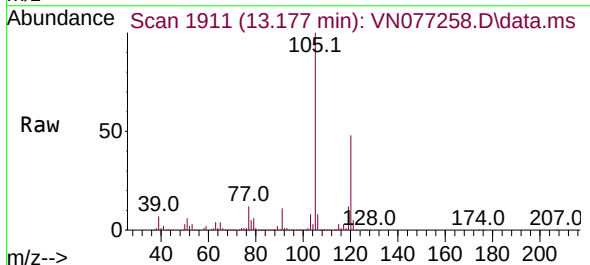
Tgt Ion: 91 Resp: 138784
Ion Ratio Lower Upper
91 100
126 33.6 17.3 51.9

Manual Integrations
APPROVED

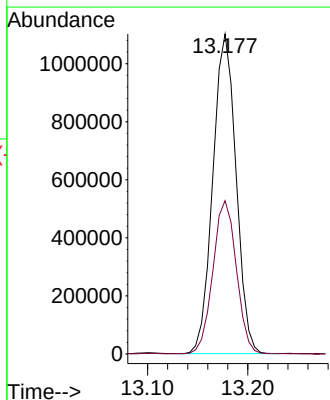
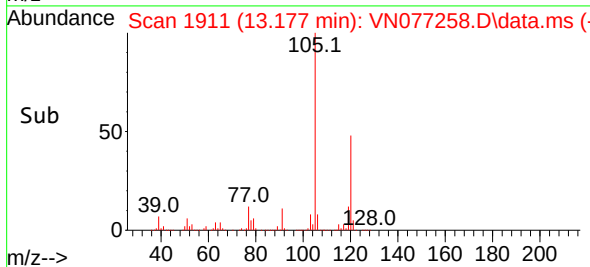
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

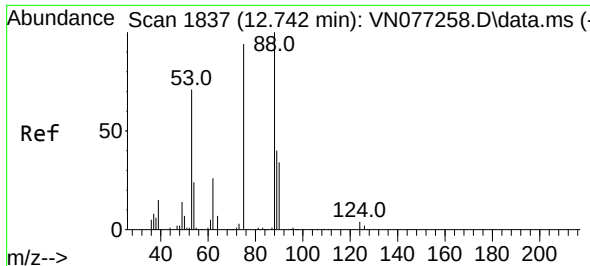


#80
1,3,5-Trimethylbenzene
Concen: 65.609 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



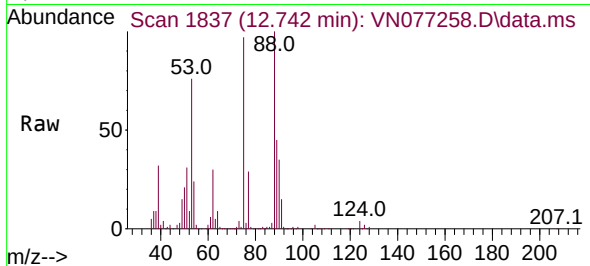
Tgt Ion:105 Resp: 1768759
Ion Ratio Lower Upper
105 100
120 48.7 25.6 76.8





#81
trans-1,4-Dichloro-2-butene
Concen: 65.403 ug/l m
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

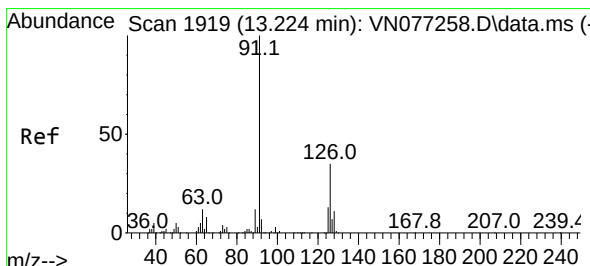
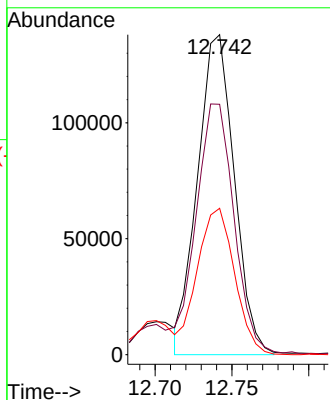
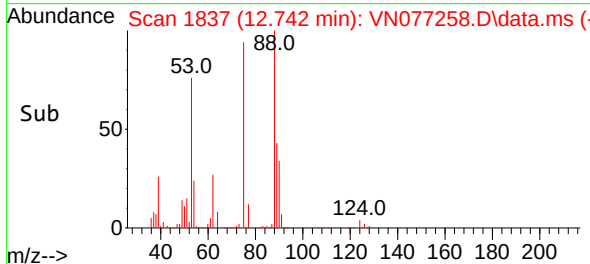
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 229944
Ion Ratio Lower Upper
75 100
53 91.0 74.1 111.1
89 46.8 36.3 54.5

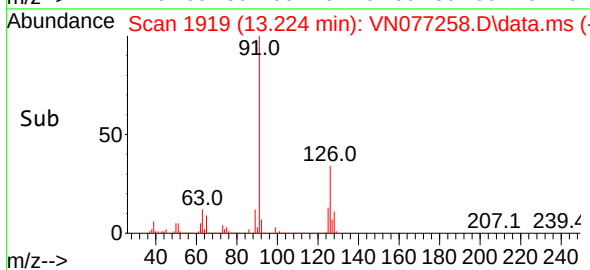
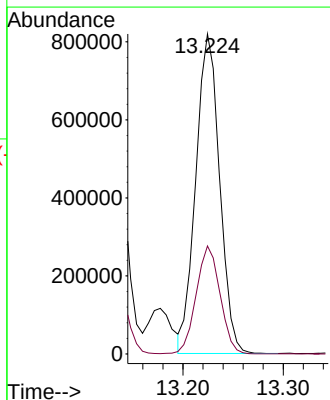
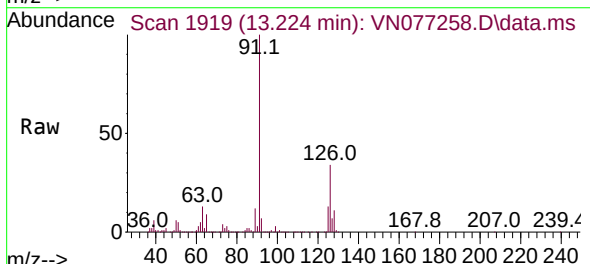
Manual Integrations
APPROVED

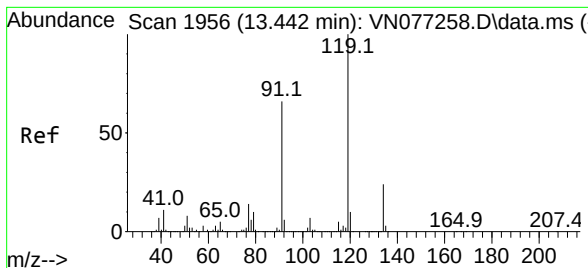
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#82
4-Chlorotoluene
Concen: 60.500 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

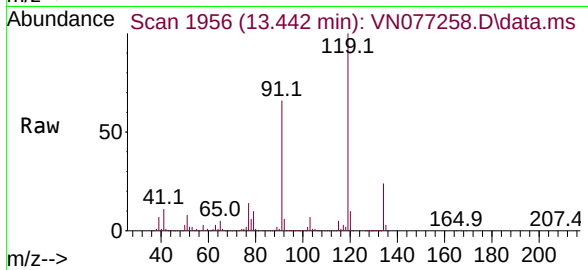
Tgt Ion: 91 Resp: 1352444
Ion Ratio Lower Upper
91 100
126 33.8 17.6 52.8





#83
tert-Butylbenzene
Concen: 60.423 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

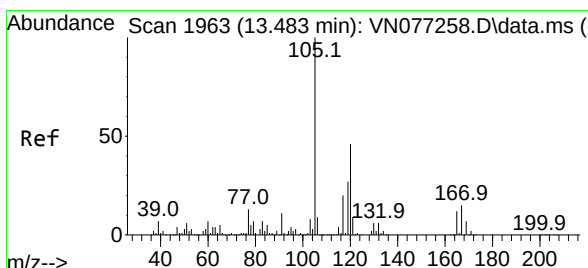
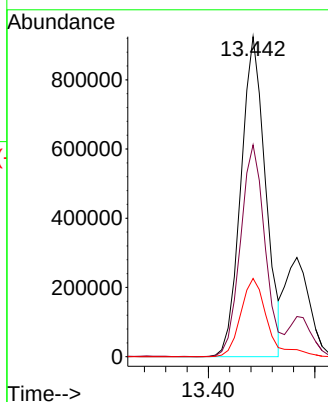
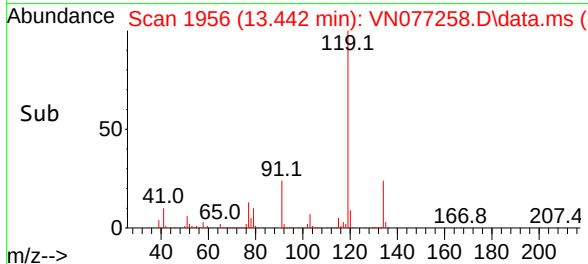
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



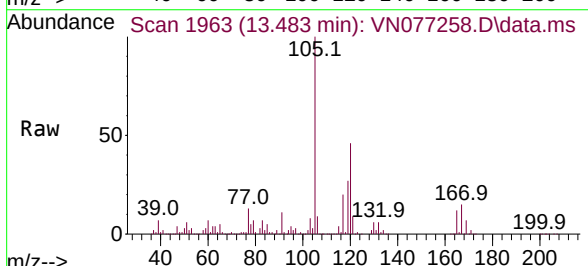
Tgt Ion:119 Resp: 1484120
Ion Ratio Lower Upper
119 100
91 66.9 31.4 94.0
134 26.6 13.7 41.0

Manual Integrations
APPROVED

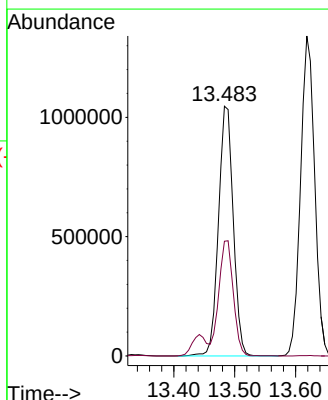
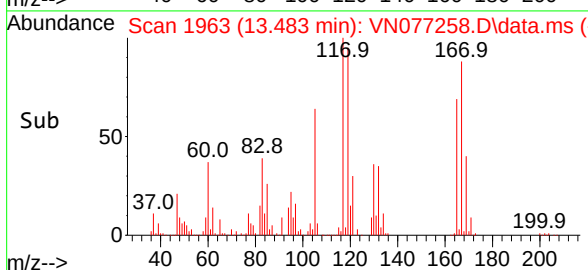
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

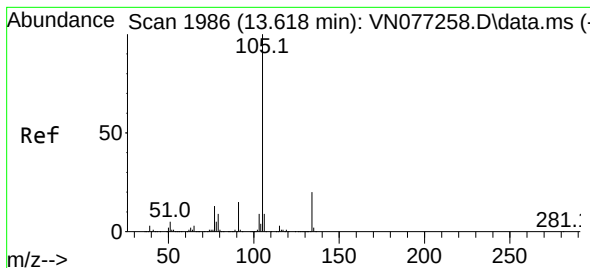


#84
1,2,4-Trimethylbenzene
Concen: 66.969 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



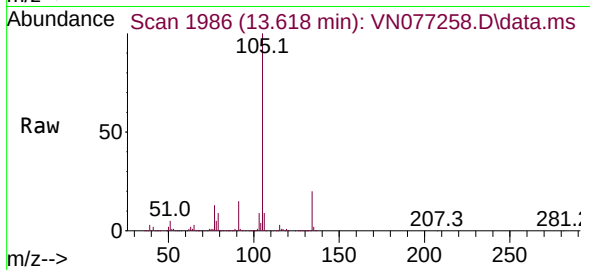
Tgt Ion:105 Resp: 1763159
Ion Ratio Lower Upper
105 100
120 45.0 23.4 70.0





#85
 sec-Butylbenzene
 Concen: 64.990 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28

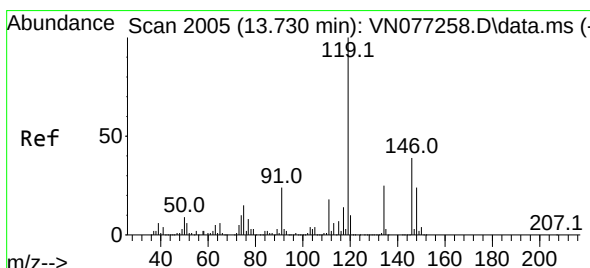
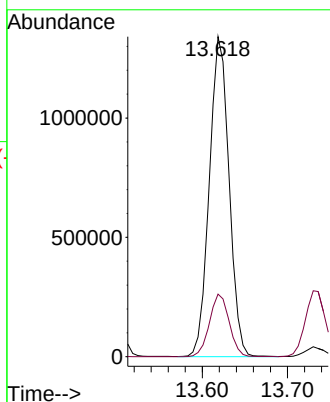
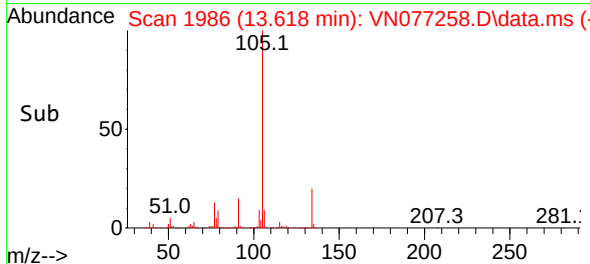
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



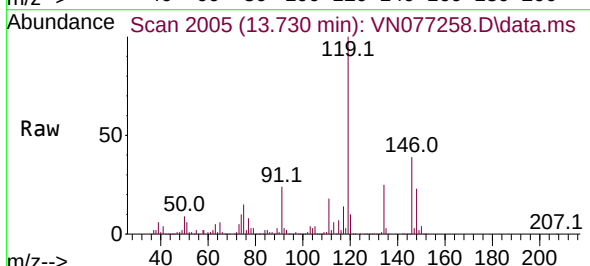
Tgt Ion:105 Resp: 2155310
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.2

Manual Integrations
 APPROVED

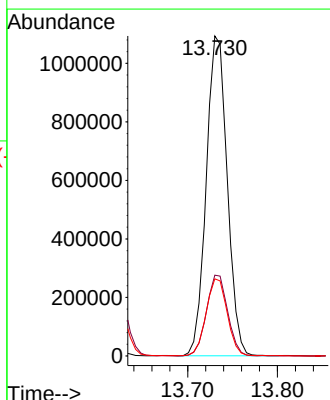
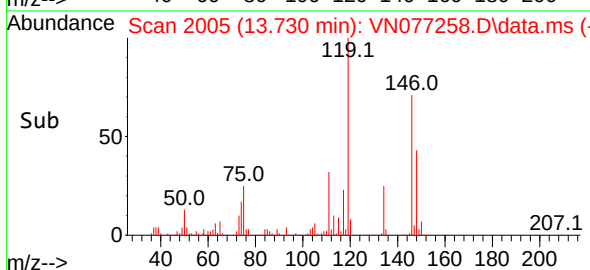
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

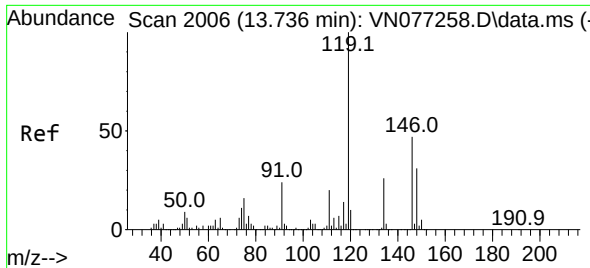


#86
 p-Isopropyltoluene
 Concen: 65.606 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077258.D
 Acq: 05 Apr 2023 12:28



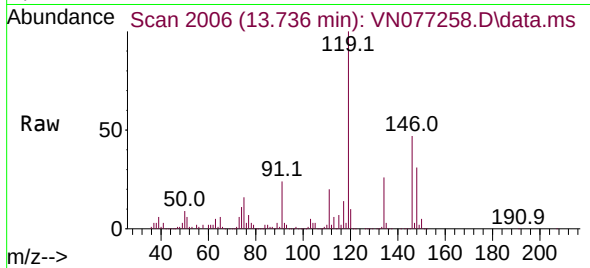
Tgt Ion:119 Resp: 1774520
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.5 40.4
 91 24.5 10.9 32.6





#87
1,3-Dichlorobenzene
Concen: 52.584 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

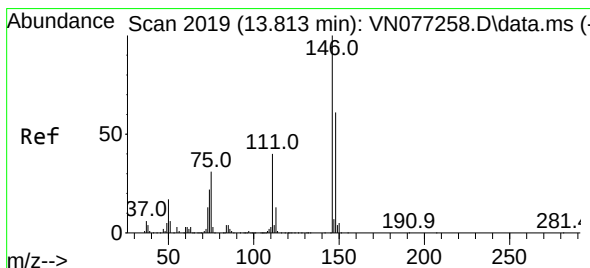
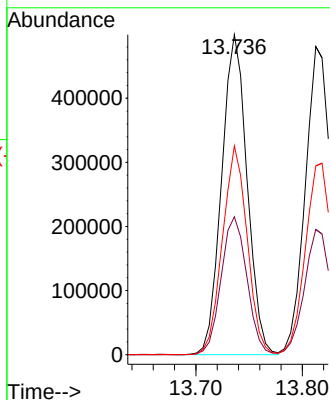
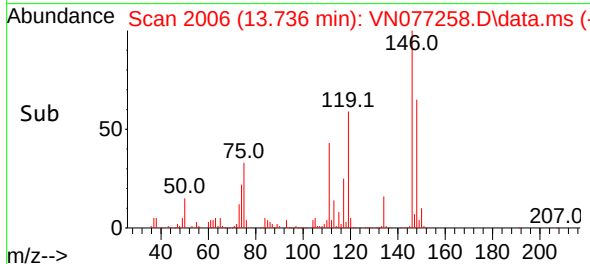
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



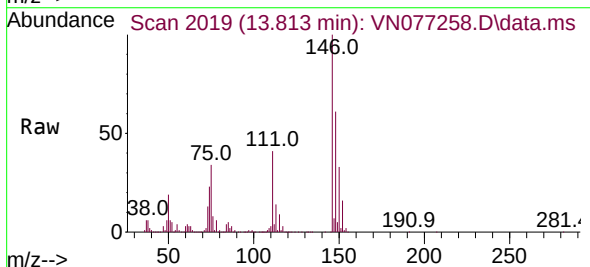
Tgt Ion:146 Resp: 828598
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.1
148 63.4 31.9 95.9

Manual Integrations
APPROVED

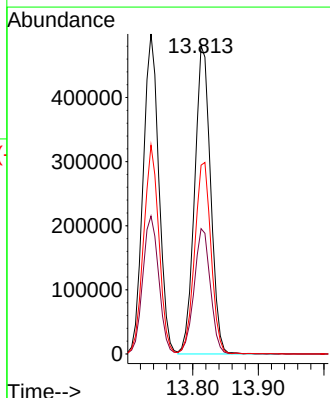
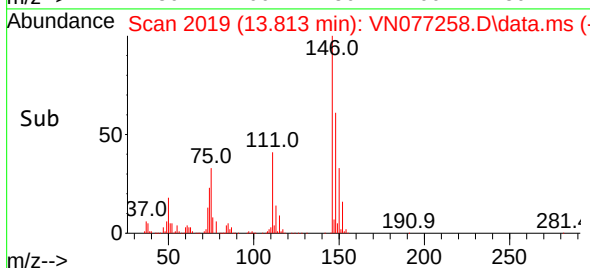
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

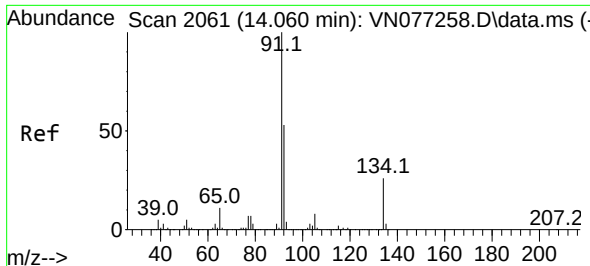


#88
1,4-Dichlorobenzene
Concen: 52.506 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.001 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



Tgt Ion:146 Resp: 816308
Ion Ratio Lower Upper
146 100
111 40.8 18.6 56.0
148 63.3 31.9 95.5





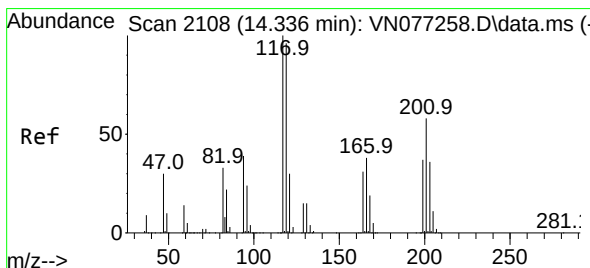
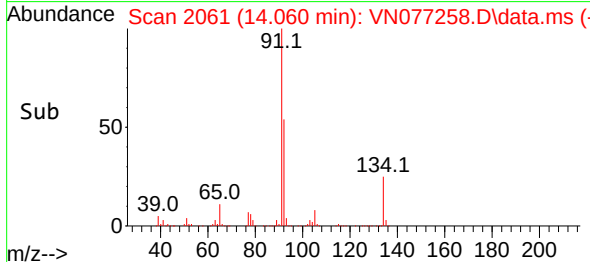
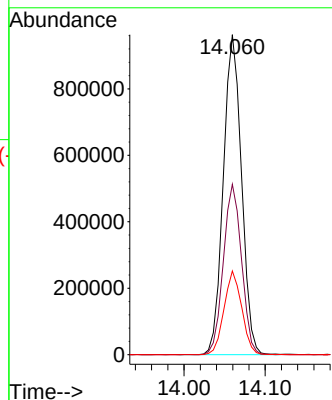
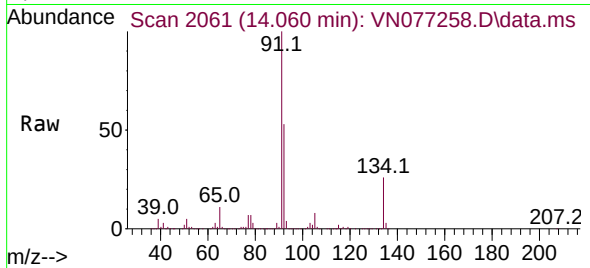
#89
n-Butylbenzene
Concen: 69.257 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1500389
Ion Ratio Lower Upper
91 100
92 53.3 27.0 80.8
134 25.5 13.6 40.7

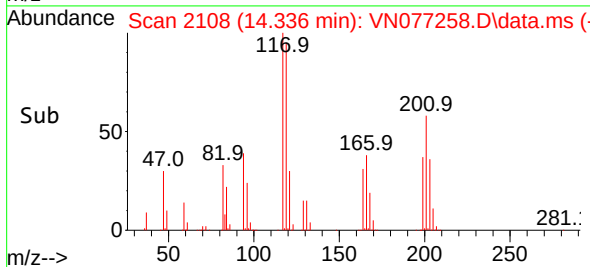
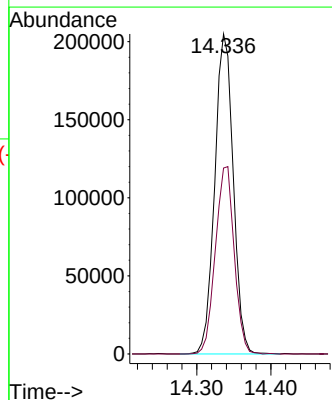
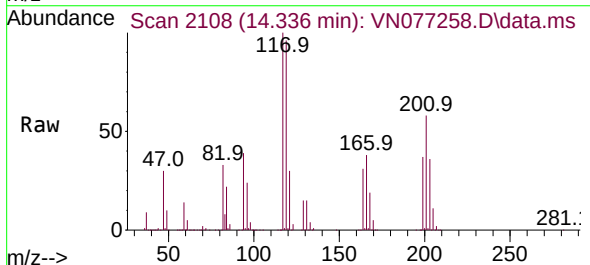
Manual Integrations
APPROVED

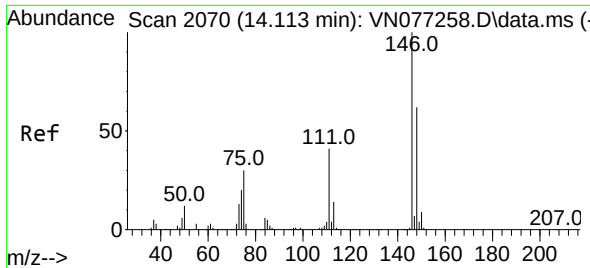
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#90
Hexachloroethane
Concen: 63.152 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion:117 Resp: 355347
Ion Ratio Lower Upper
117 100
201 59.7 45.1 135.2





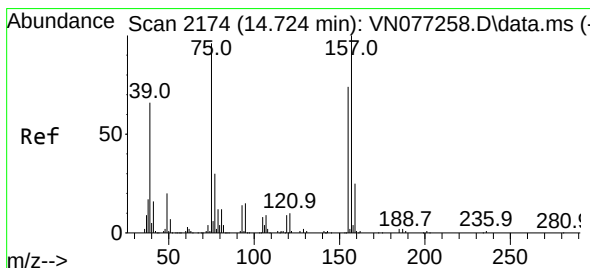
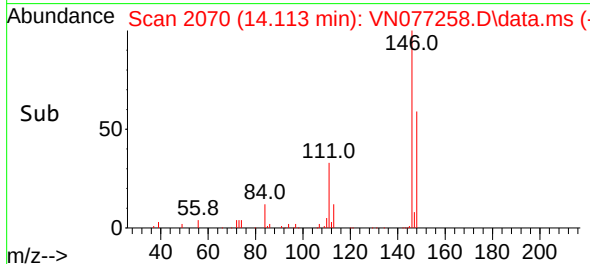
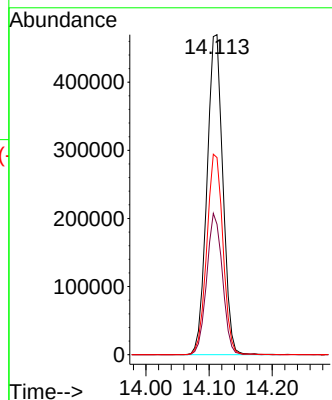
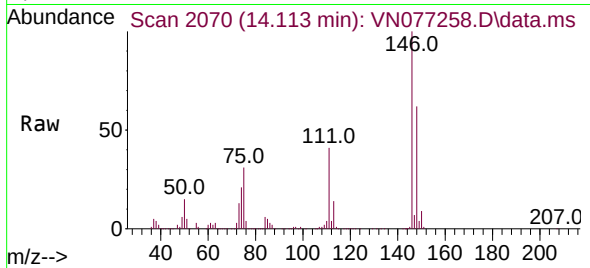
#91
1,2-Dichlorobenzene
Concen: 53.015 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 82052
Ion Ratio Lower Upper
146 100
111 43.7 19.6 58.7
148 63.7 31.8 95.4

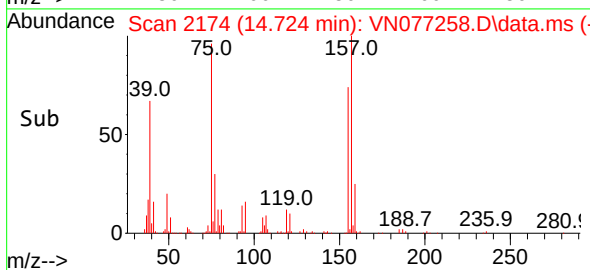
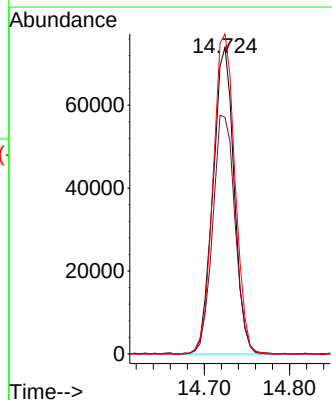
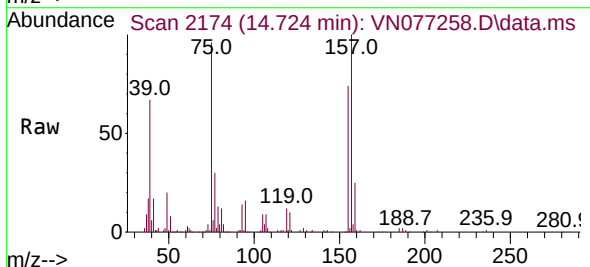
Manual Integrations
APPROVED

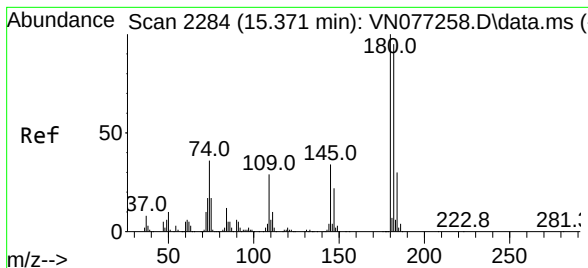
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 65.516 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

Tgt Ion: 75 Resp: 127664
Ion Ratio Lower Upper
75 100
155 82.1 48.1 144.3
157 108.0 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 60.792 ug/l

RT: 15.371 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 366100

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.8

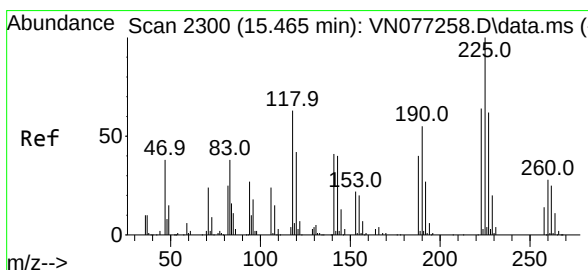
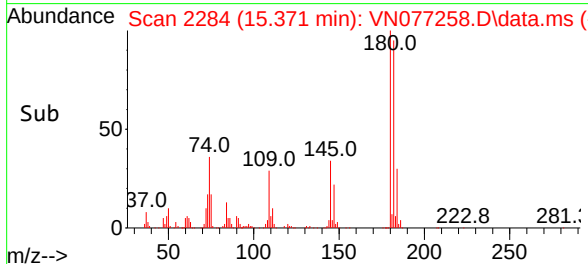
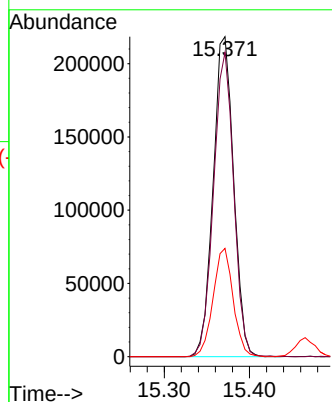
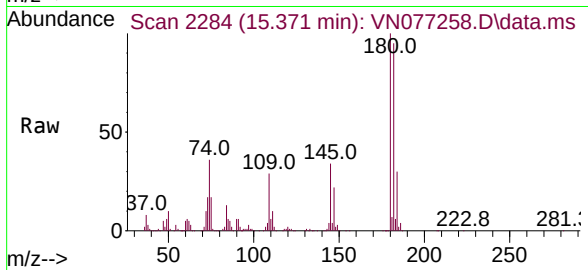
145 33.2 13.9 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#94

Hexachlorobutadiene

Concen: 31.518 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077258.D

Acq: 05 Apr 2023 12:28

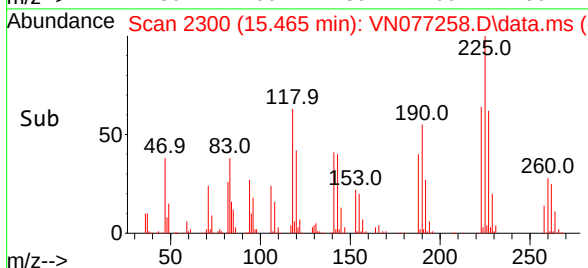
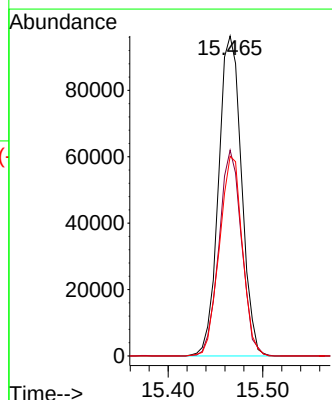
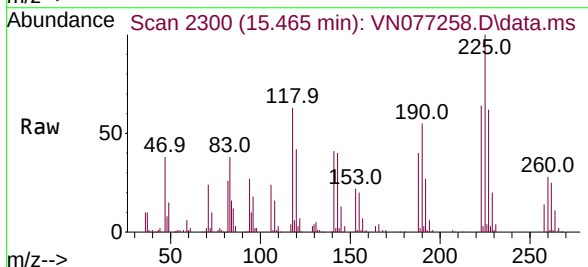
Tgt Ion:225 Resp: 162382

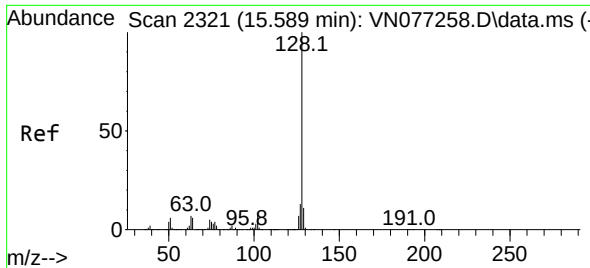
Ion Ratio Lower Upper

225 100

223 63.4 31.1 93.2

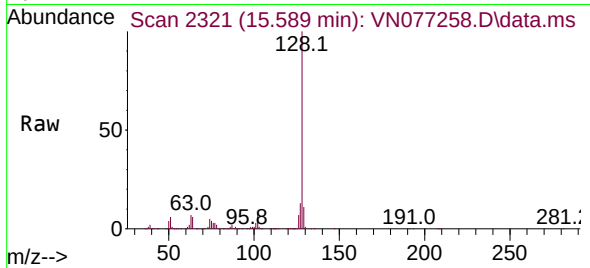
227 62.4 32.3 96.8





#95
Naphthalene
Concen: 88.333 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28

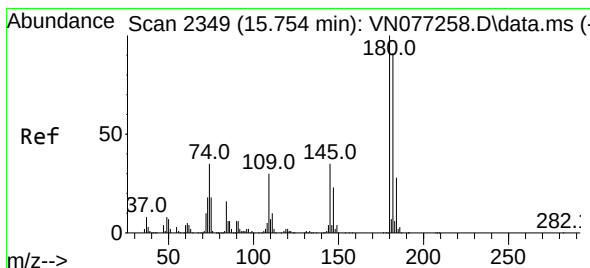
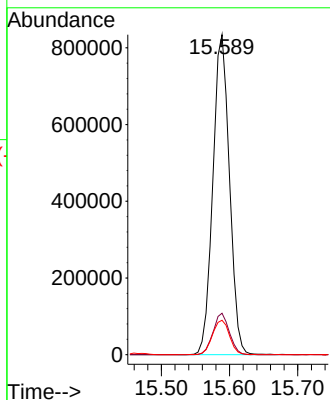
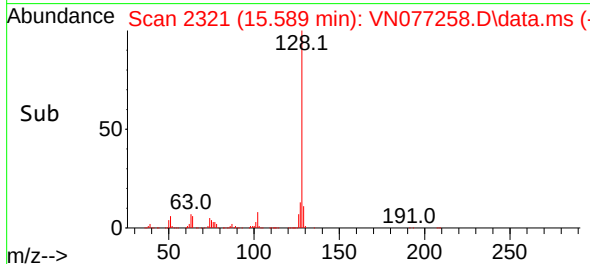
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



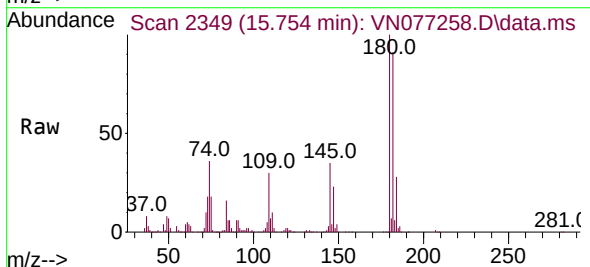
Tgt Ion:128 Resp: 1414264
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 58.864 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077258.D
Acq: 05 Apr 2023 12:28



Tgt Ion:180 Resp: 348127
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.8
145 35.2 14.8 44.3

