

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077263.D
 Acq On : 05 Apr 2023 14:29
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 05 14:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 13:56:46 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	484226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	939158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	833033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	315407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	35460	5.521	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.040%#		
35) Dibromofluoromethane	8.166	113	32570	5.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.740%#		
50) Toluene-d8	10.572	98	128179	5.471	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.940%#		
62) 4-Bromofluorobenzene	12.848	95	42598	5.464	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.920%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	26597	4.345	ug/l	97
3) Chloromethane	2.372	50	37459	5.099	ug/l	91
4) Vinyl Chloride	2.525	62	53384	5.318	ug/l	97
5) Bromomethane	2.943	94	43568	6.107	ug/l	90
6) Chloroethane	3.119	64	35237	4.978	ug/l	91
7) Trichlorofluoromethane	3.496	101	44008	4.881	ug/l	85
8) Diethyl Ether	3.972	74	18251	4.745	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.378	101	26776	4.975	ug/l #	83
10) Methyl Iodide	4.596	142	27784	4.174	ug/l #	89
11) Tert butyl alcohol	5.537	59	34723	26.348	ug/l	99
12) 1,1-Dichloroethene	4.343	96	28408	4.971	ug/l	86
13) Acrolein	4.184	56	35918	28.804	ug/l	88
14) Allyl chloride	5.031	41	41566	5.035	ug/l	97
15) Acrylonitrile	5.731	53	70442	23.777	ug/l	97
16) Acetone	4.443	43	55195	22.365	ug/l	100
17) Carbon Disulfide	4.725	76	78914	5.193	ug/l	98
18) Methyl Acetate	5.037	43	47725	5.098	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	96375	4.823	ug/l	93
20) Methylene Chloride	5.290	84	35524	5.209	ug/l #	89
21) trans-1,2-Dichloroethene	5.795	96	30446	4.883	ug/l	88
22) Diisopropyl ether	6.684	45	80300	4.718	ug/l #	94
23) Vinyl Acetate	6.613	43	279076	23.419	ug/l	99
24) 1,1-Dichloroethane	6.572	63	54891	5.045	ug/l	97
25) 2-Butanone	7.495	43	95779	24.928	ug/l	99
26) 2,2-Dichloropropane	7.501	77	49093	4.710	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	35436	4.739	ug/l	96
28) Bromochloromethane	7.819	49	23548	5.512	ug/l	98
29) Tetrahydrofuran	7.848	42	64406	25.821	ug/l	94
30) Chloroform	7.972	83	58004	4.878	ug/l	88
31) Cyclohexane	8.266	56	56410	5.600	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	51766	4.888	ug/l	91
36) 1,1-Dichloropropene	8.378	75	42745	4.850	ug/l	100
37) Ethyl Acetate	7.566	43	37253	4.750	ug/l #	90
38) Carbon Tetrachloride	8.366	117	42855	4.726	ug/l	89
39) Methylcyclohexane	9.601	83	56285	4.696	ug/l	93
40) Benzene	8.613	78	131280	4.803	ug/l	100

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 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 05 14:54:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 05 13:56:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	19921	4.619	ug/l	93
42) 1,2-Dichloroethane	8.678	62	40089	4.697	ug/l	90
43) Isopropyl Acetate	8.695	43	69439	4.816	ug/l	97
44) Trichloroethene	9.360	130	32275	4.900	ug/l	89
45) 1,2-Dichloropropane	9.625	63	32955	4.866	ug/l	94
46) Dibromomethane	9.713	93	24803	5.082	ug/l	98
47) Bromodichloromethane	9.895	83	48255	4.953	ug/l	99
48) Methyl methacrylate	9.683	41	29945	4.774	ug/l	98
49) 1,4-Dioxane	9.701	88	14681	97.861	ug/l #	92
51) 4-Methyl-2-Pentanone	10.448	43	202888	24.024	ug/l	100
52) Toluene	10.636	92	88341	4.954	ug/l	94
53) t-1,3-Dichloropropene	10.836	75	51633	4.875	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	54824	4.788	ug/l	97
55) 1,1,2-Trichloroethane	11.025	97	32586	4.468	ug/l	92
56) Ethyl methacrylate	10.877	69	51794	4.595	ug/l	96
57) 1,3-Dichloropropane	11.166	76	56164	4.914	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.166	63	78745	23.426	ug/l	97
59) 2-Hexanone	11.201	43	150759	24.572	ug/l	98
60) Dibromochloromethane	11.360	129	33850	4.544	ug/l	98
61) 1,2-Dibromoethane	11.472	107	33493	4.705	ug/l	97
64) Tetrachloroethene	11.101	164	24426	4.665	ug/l	90
65) Chlorobenzene	11.895	112	91035	4.922	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	31878	4.659	ug/l	95
67) Ethyl Benzene	11.966	91	157761	4.687	ug/l	97
68) m/p-Xylenes	12.072	106	126703	9.732	ug/l	95
69) o-Xylene	12.401	106	60700	4.575	ug/l	95
70) Styrene	12.413	104	96777	4.652	ug/l	96
71) Bromoform	12.583	173	22919	4.552	ug/l #	93
73) Isopropylbenzene	12.701	105	153480	5.033	ug/l	98
74) N-amyl acetate	12.501	43	57483	5.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	50930	5.004	ug/l	95
76) 1,2,3-Trichloropropane	12.995	75	35018m	4.435	ug/l	
77) Bromobenzene	12.983	156	32701	5.255	ug/l	93
78) n-propylbenzene	13.042	91	163617	4.905	ug/l	97
79) 2-Chlorotoluene	13.130	91	104467	5.101	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	120192	4.944	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	16982	5.216	ug/l	91
82) 4-Chlorotoluene	13.224	91	97343	5.178	ug/l	98
83) tert-Butylbenzene	13.442	119	108225	4.925	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	115078	4.882	ug/l	100
85) sec-Butylbenzene	13.618	105	146670	4.847	ug/l	99
86) p-Isopropyltoluene	13.736	119	113044	4.770	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	56787	4.971	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	53097	4.719	ug/l	92
89) n-Butylbenzene	14.060	91	90797	4.683	ug/l	99
90) Hexachloroethane	14.336	117	25452	4.886	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	56674	4.985	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9074	5.001	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	15795	3.907	ug/l	94
94) Hexachlorobutadiene	15.471	225	12029	5.291	ug/l	96
95) Naphthalene	15.589	128	58669	4.010	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	15224	3.858	ug/l	96

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

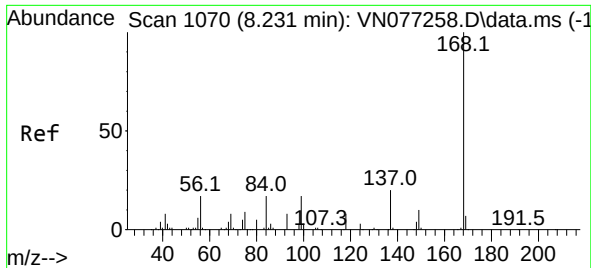
Manual Integrations
APPROVED

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

Quant Time: Apr 05 14:54:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 05 13:56:46 2023
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

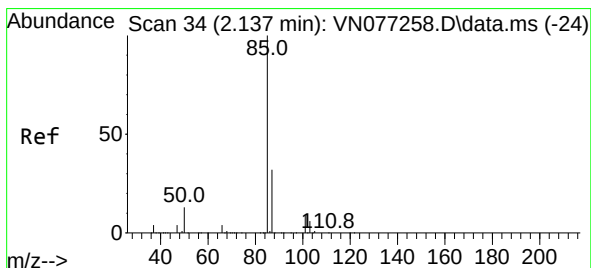
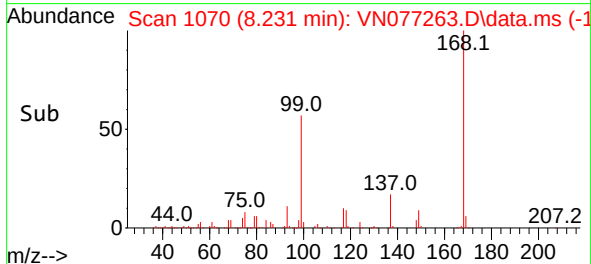
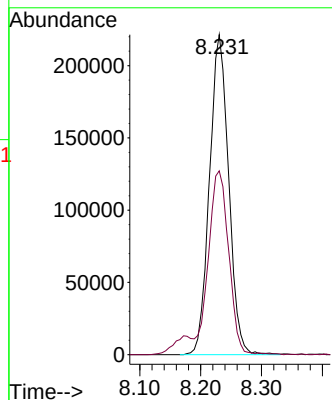
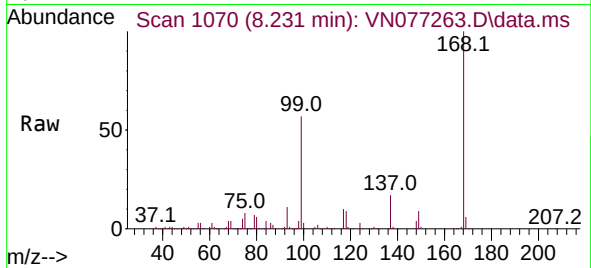
VSTDICC005

Tgt Ion:168 Resp: 484220
Ion Ratio Lower Upper
168 100
99 57.2 50.6 75.8

Manual Integrations

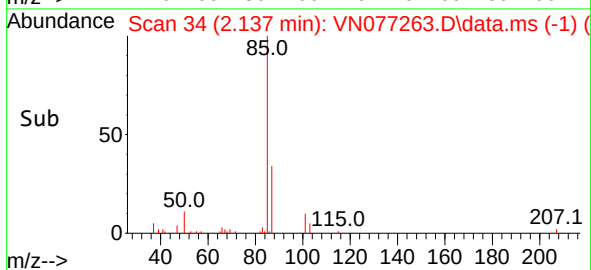
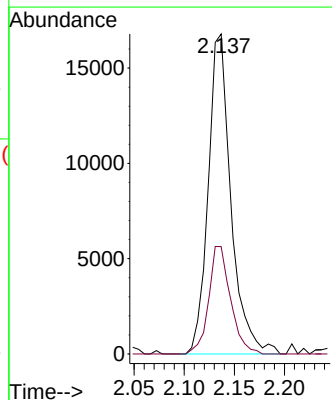
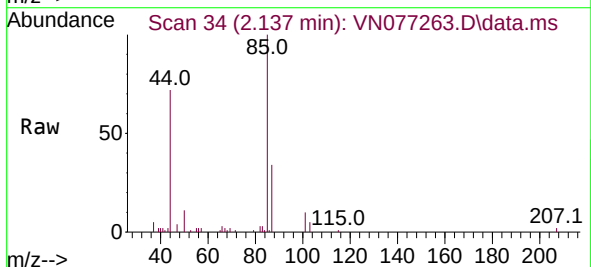
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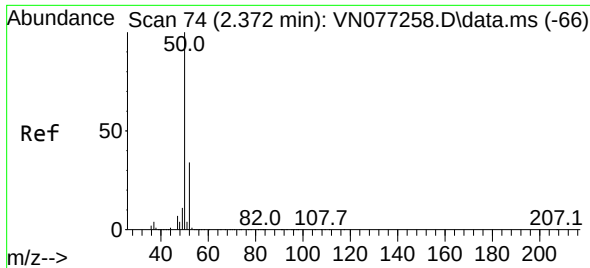
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#2
Dichlorodifluoromethane
Concen: 4.345 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 85 Resp: 26597
Ion Ratio Lower Upper
85 100
87 33.6 16.1 48.2





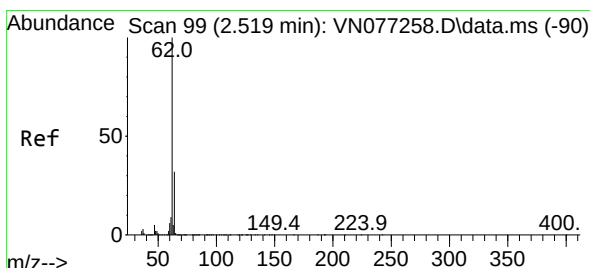
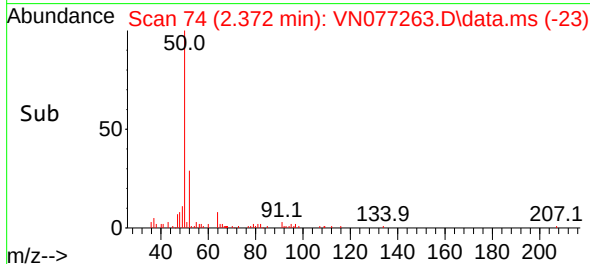
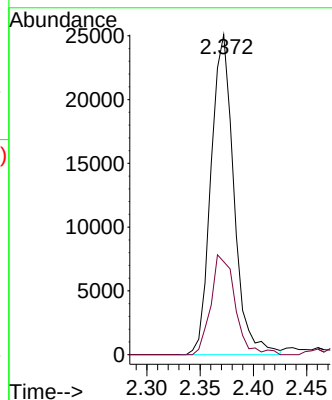
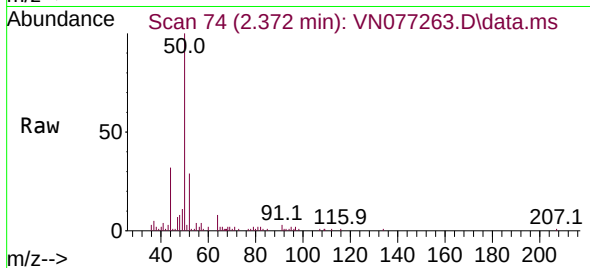
#3
Chloromethane
Concen: 5.099 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 37459
Ion Ratio Lower Upper
50 100
52 29.1 27.3 40.9

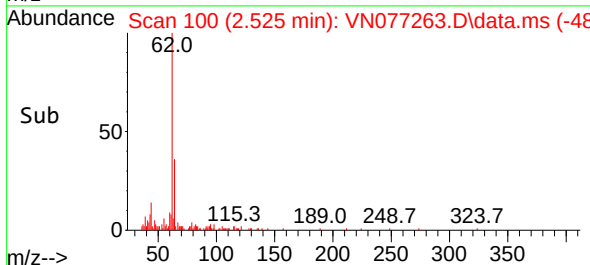
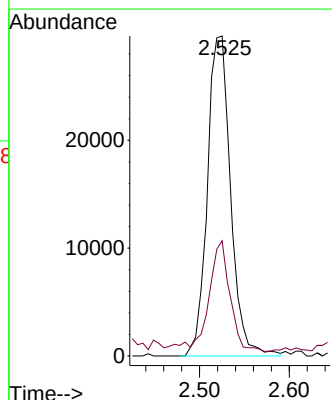
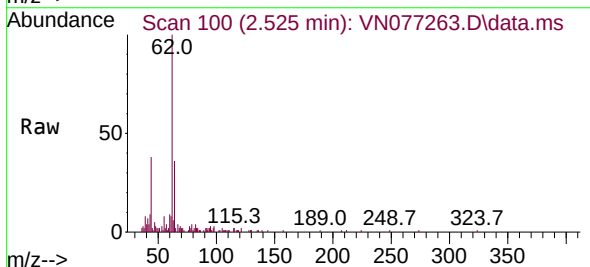
Manual Integrations
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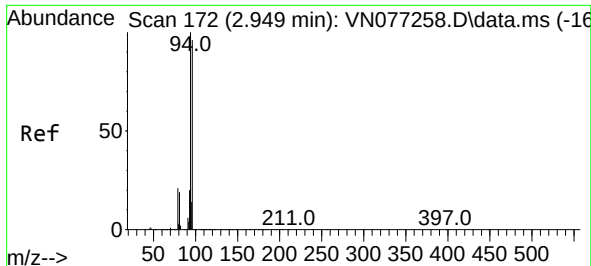
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#4
Vinyl Chloride
Concen: 5.318 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 62 Resp: 53384
Ion Ratio Lower Upper
62 100
64 34.2 25.8 38.8





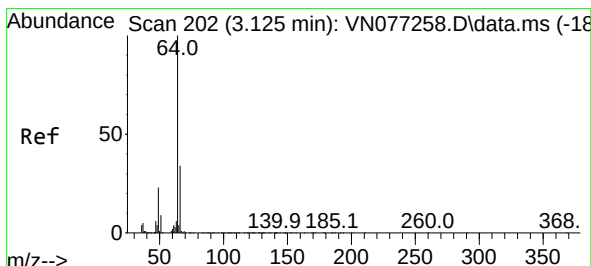
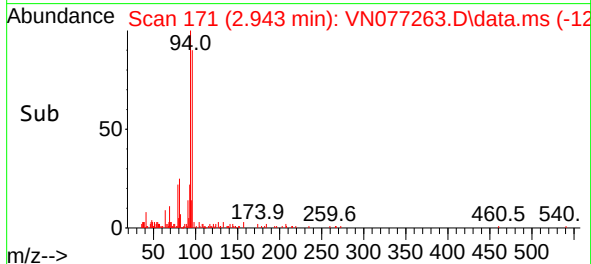
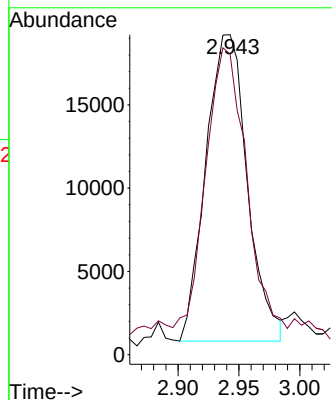
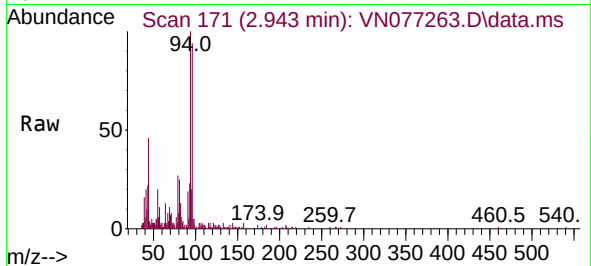
#5
Bromomethane
Concen: 6.107 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 4356
Ion Ratio Lower Upper
94 100
96 86.1 77.0 115.4

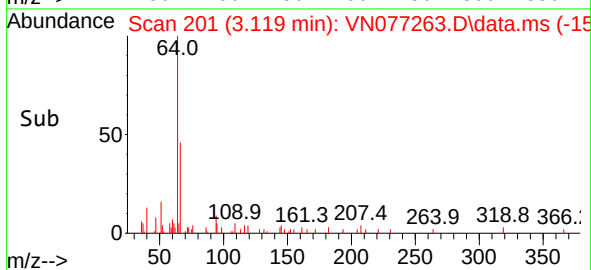
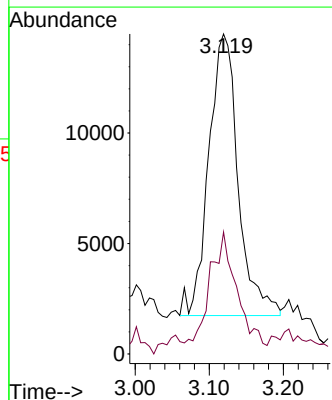
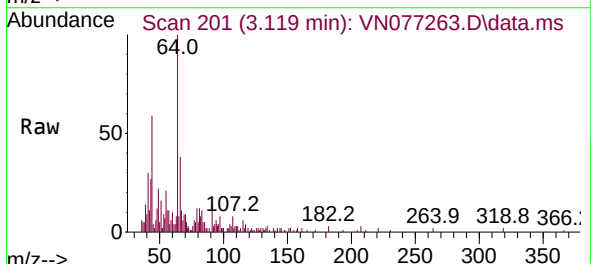
Manual Integrations
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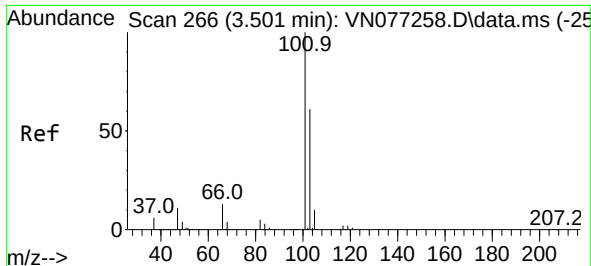
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#6
Chloroethane
Concen: 4.978 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 64 Resp: 35237
Ion Ratio Lower Upper
64 100
66 38.9 26.9 40.3





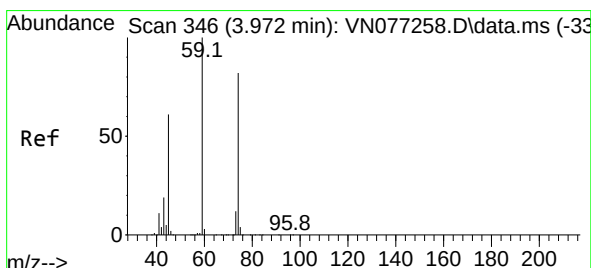
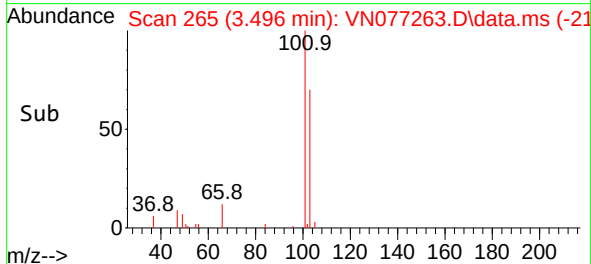
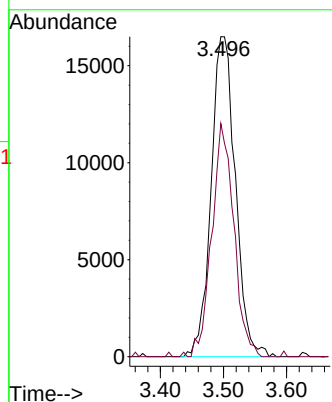
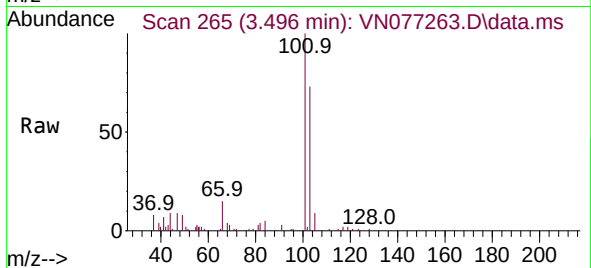
#7
Trichlorofluoromethane
Concen: 4.881 ug/l
RT: 3.496 min Scan# 265
Delta R.T. -0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 44008
Ion Ratio Lower Upper
101 100
103 72.9 49.0 73.4

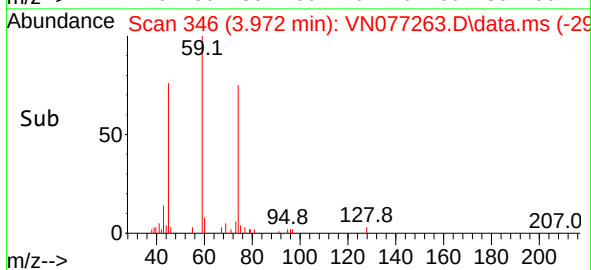
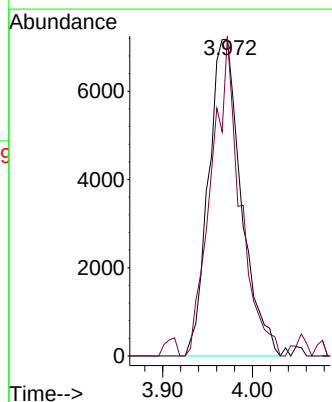
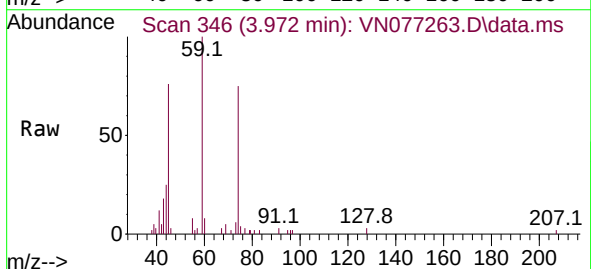
Manual Integrations
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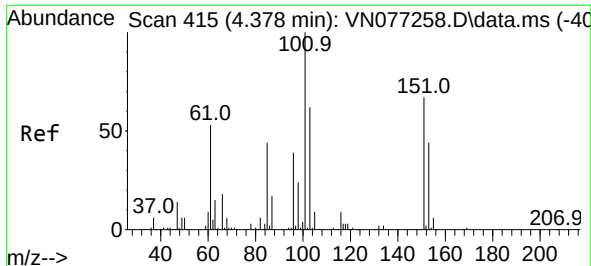
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#8
Diethyl Ether
Concen: 4.745 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 74 Resp: 18251
Ion Ratio Lower Upper
74 100
45 89.1 37.8 113.4





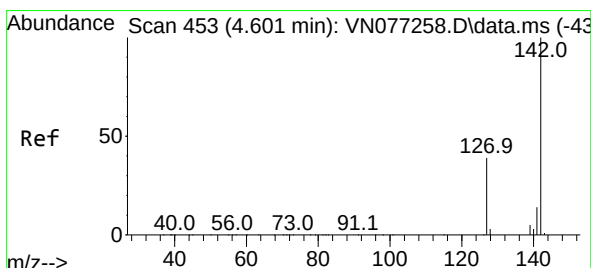
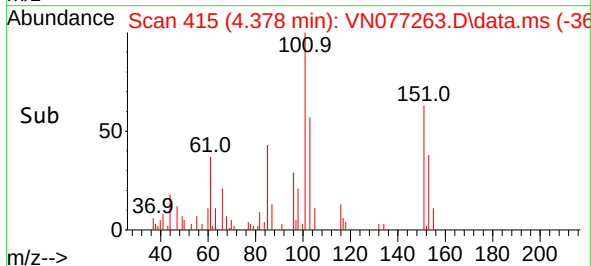
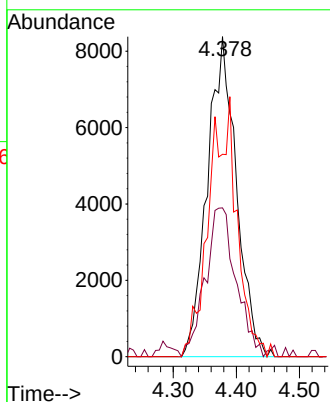
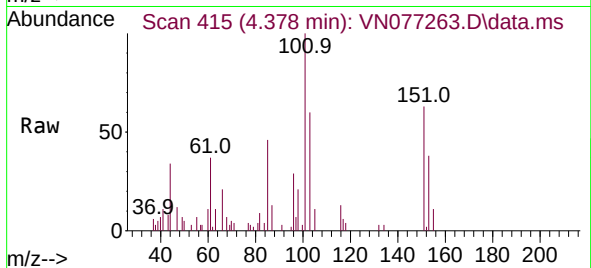
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.975 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005

Tgt Ion:101 Resp: 26770
Ion Ratio Lower Upper
101 100
85 49.2 37.3 55.9
151 49.2 56.3 84.5

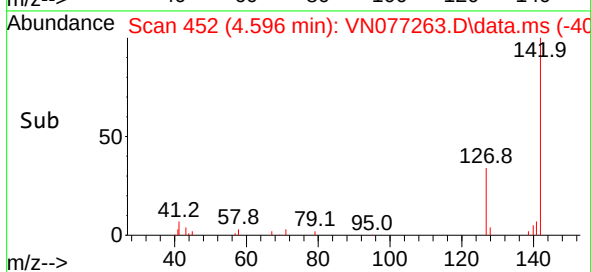
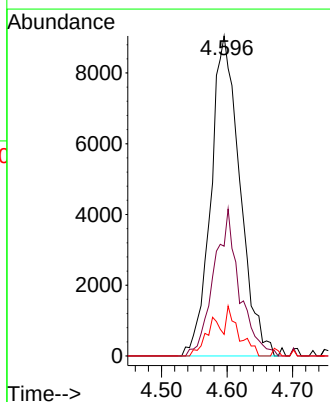
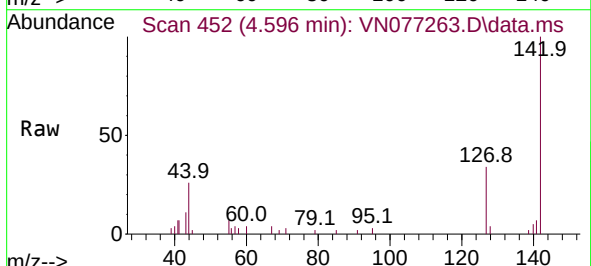
Manual Integrations
APPROVED

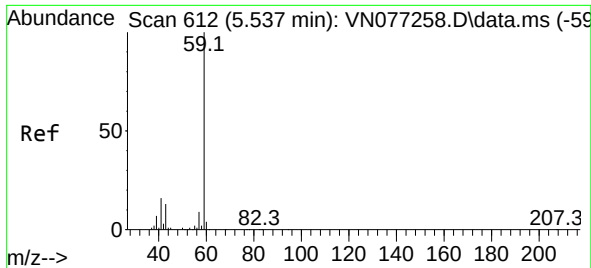
Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#10
Methyl Iodide
Concen: 4.174 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion:142 Resp: 27784
Ion Ratio Lower Upper
142 100
127 34.3 31.5 47.3
141 6.8 11.4 17.2#





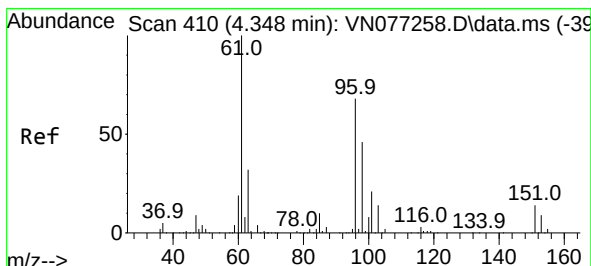
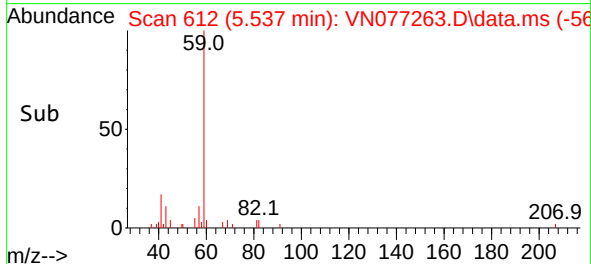
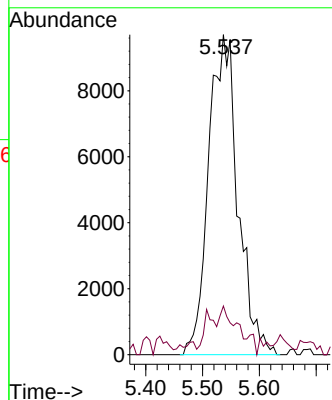
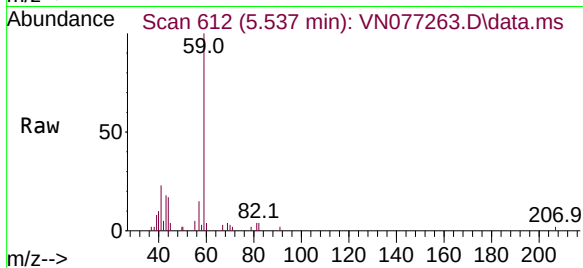
#11
Tert butyl alcohol
Concen: 26.348 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 3472
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

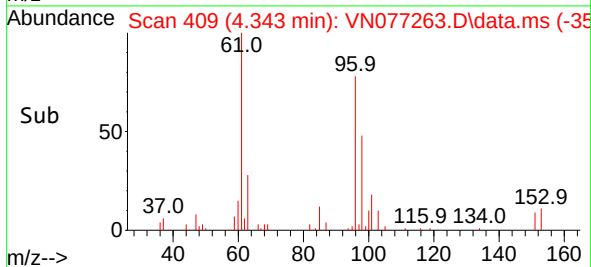
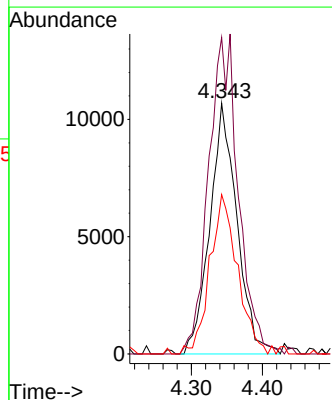
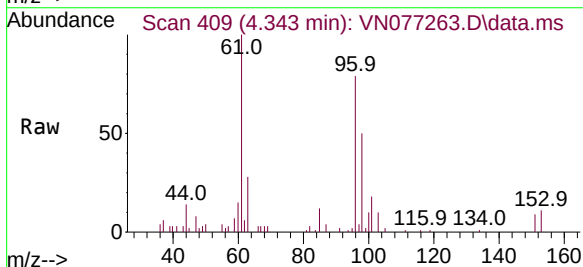
Manual Integrations
APPROVED

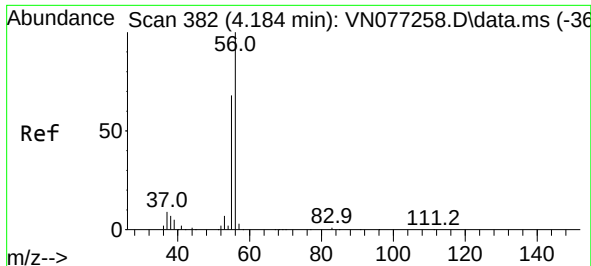
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#12
1,1-Dichloroethene
Concen: 4.971 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 96 Resp: 28408
Ion Ratio Lower Upper
96 100
61 126.3 118.3 177.5
98 63.6 54.5 81.7





#13

Acrolein

Concen: 28.804 ug/l

RT: 4.184 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 56 Resp: 35918

Ion Ratio Lower Upper

56 100

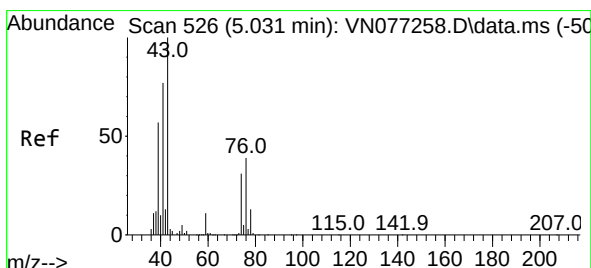
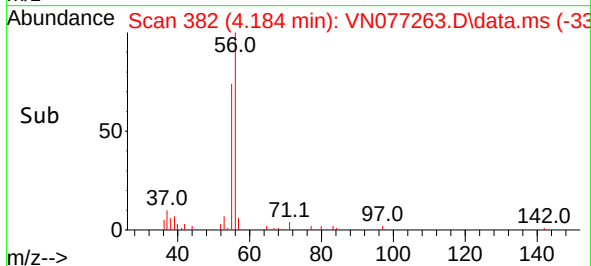
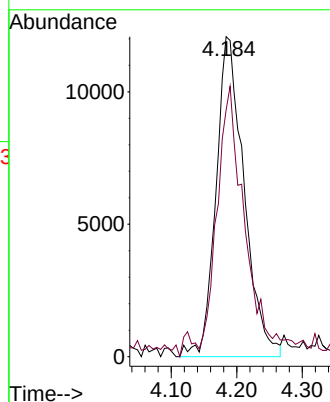
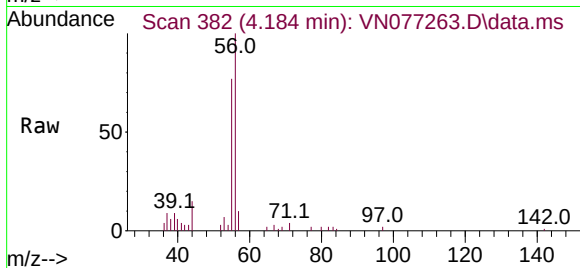
55 77.2 54.2 81.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#14

Allyl chloride

Concen: 5.035 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

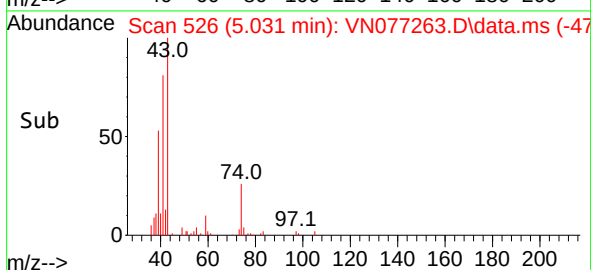
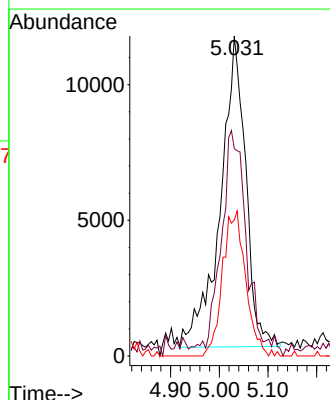
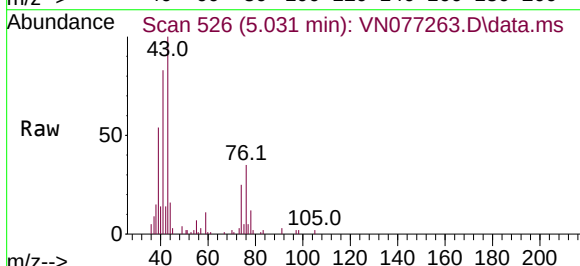
Tgt Ion: 41 Resp: 41566

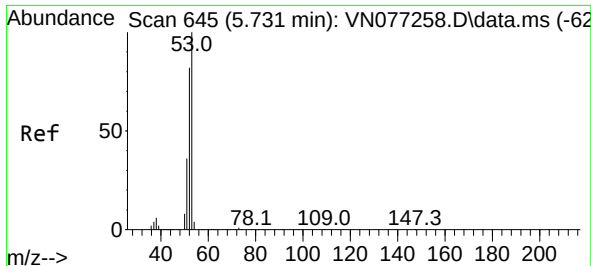
Ion Ratio Lower Upper

41 100

39 66.1 55.0 82.4

76 42.1 35.4 53.2





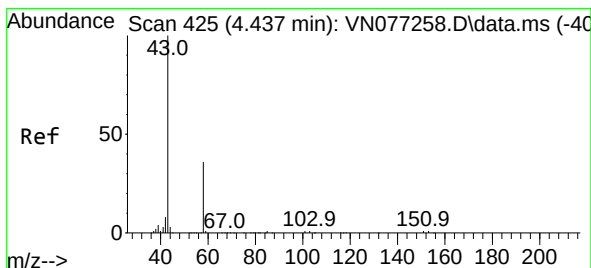
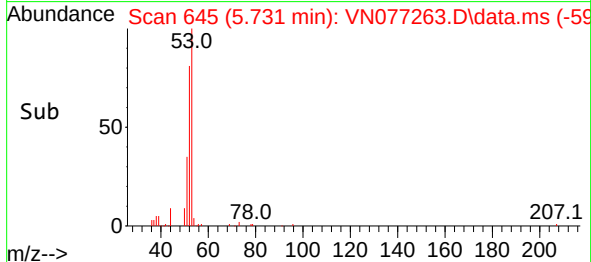
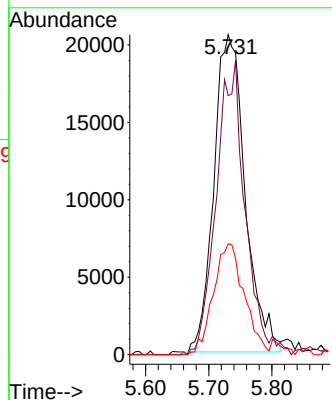
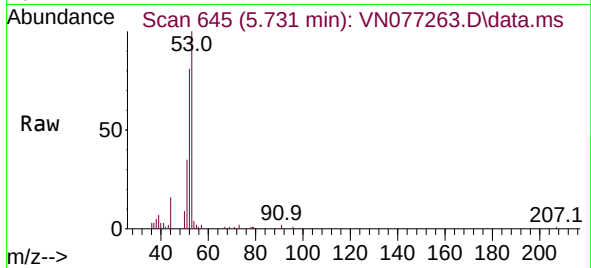
#15
Acrylonitrile
Concen: 23.777 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 7044
Ion Ratio Lower Upper
53 100
52 85.3 65.2 97.8
51 34.6 28.1 42.1

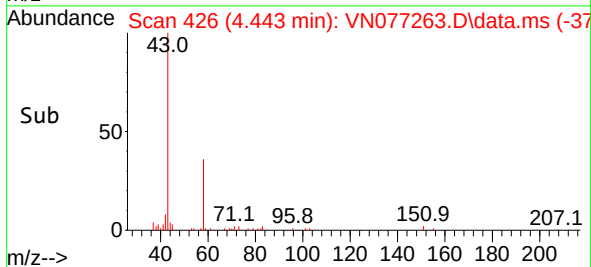
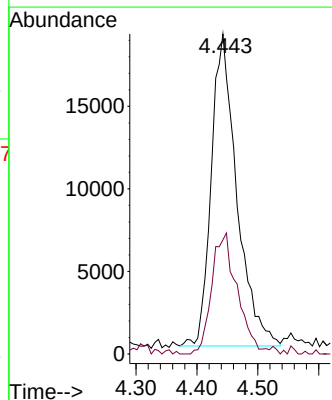
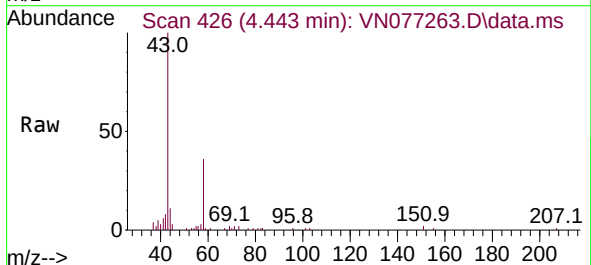
Manual Integrations
APPROVED

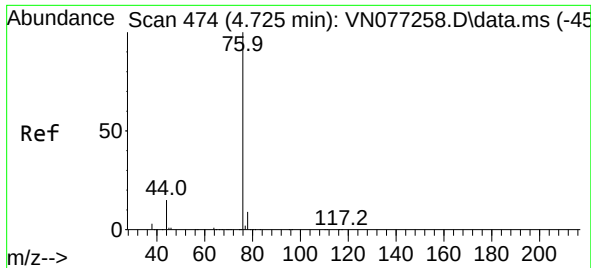
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#16
Acetone
Concen: 22.365 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 43 Resp: 55195
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6





#17

Carbon Disulfide

Concen: 5.193 ug/l

RT: 4.725 min Scan# 474

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 78914

Ion Ratio Lower Upper

76 100

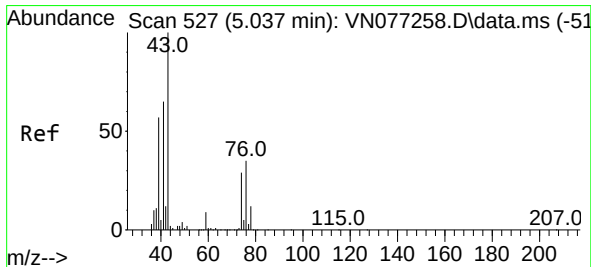
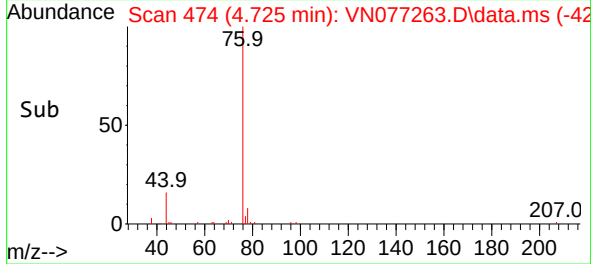
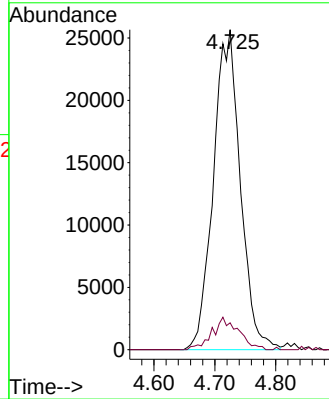
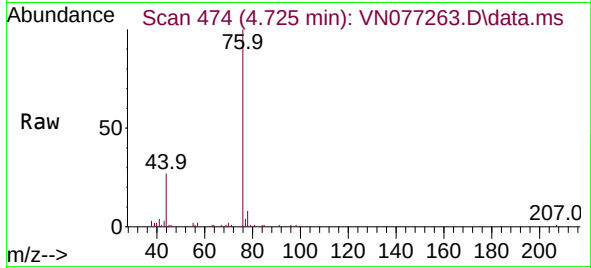
78 8.4 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#18

Methyl Acetate

Concen: 5.098 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.000 min

Lab File: VN077263.D

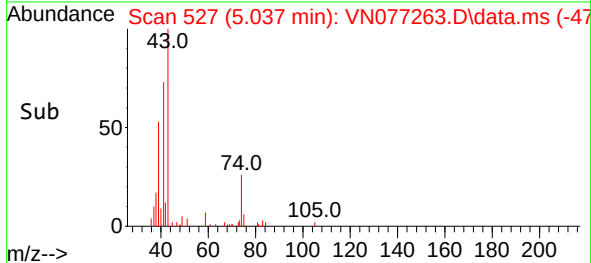
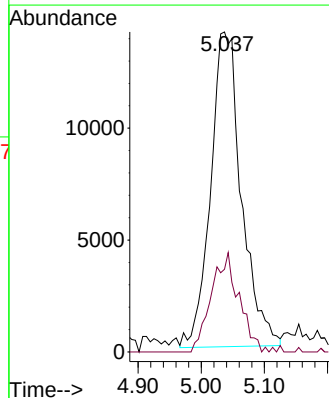
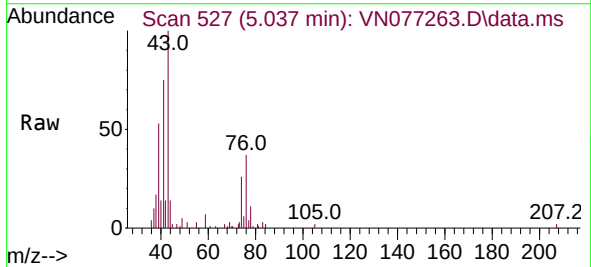
Acq: 05 Apr 2023 14:29

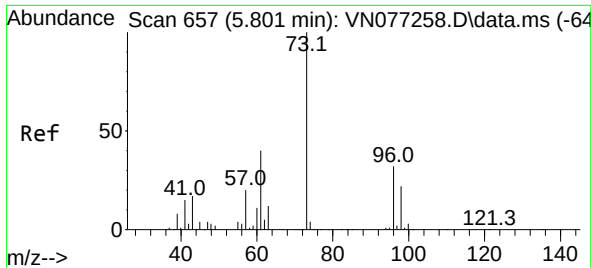
Tgt Ion: 43 Resp: 47725

Ion Ratio Lower Upper

43 100

74 28.3 23.4 35.2





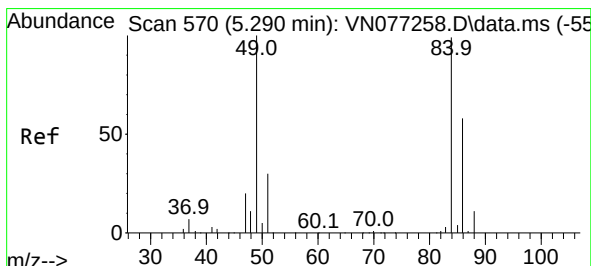
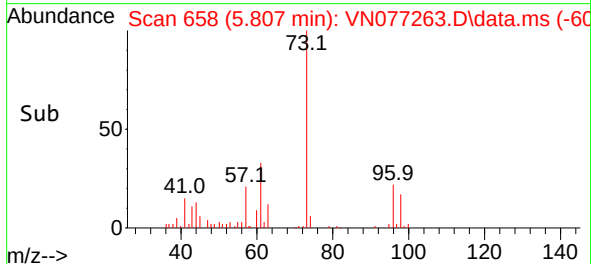
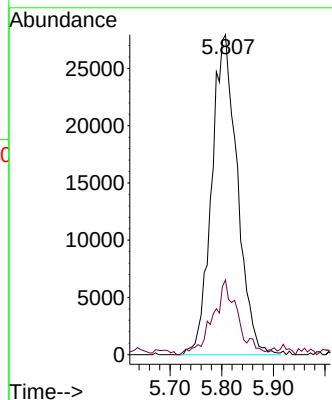
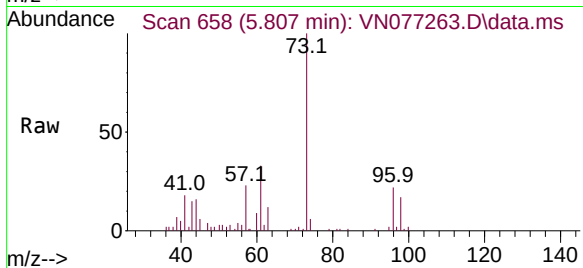
#19
Methyl tert-butyl Ether
Concen: 4.823 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 96375
Ion Ratio Lower Upper
73 100
57 23.4 16.2 24.4

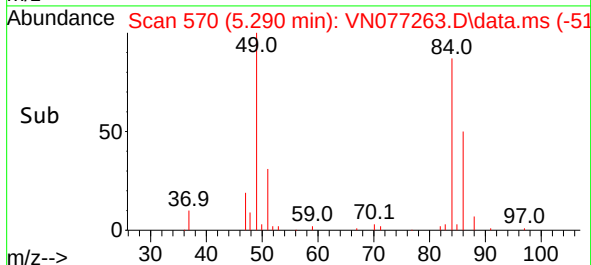
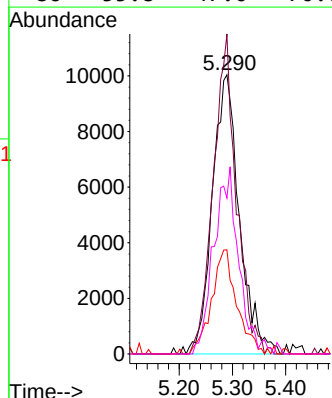
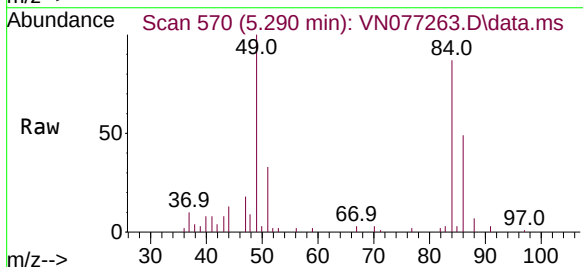
Manual Integrations
APPROVED

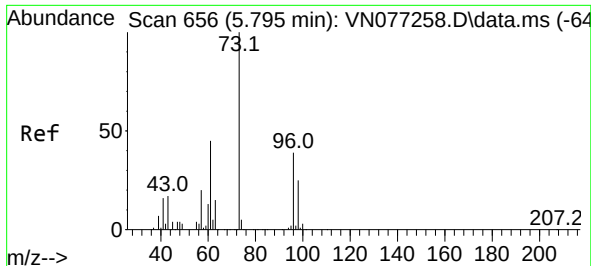
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#20
Methylene Chloride
Concen: 5.209 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

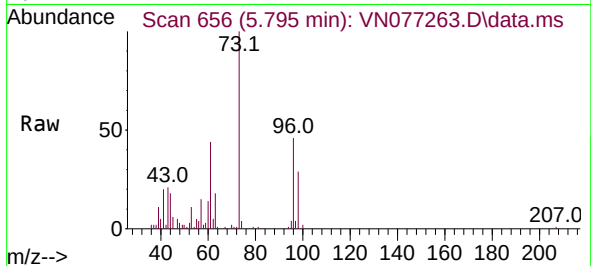
Tgt Ion: 84 Resp: 35524
Ion Ratio Lower Upper
84 100
49 114.6 80.6 121.0
51 37.3 24.4 36.6#
86 55.8 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 4.883 ug/l
RT: 5.795 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

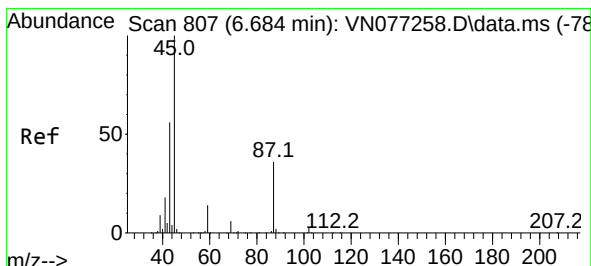
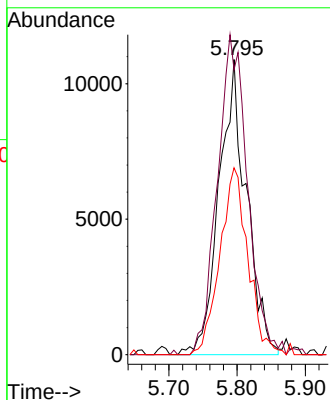
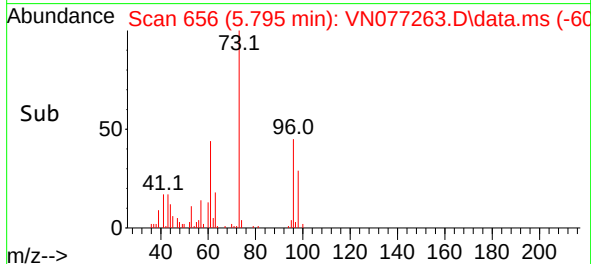
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



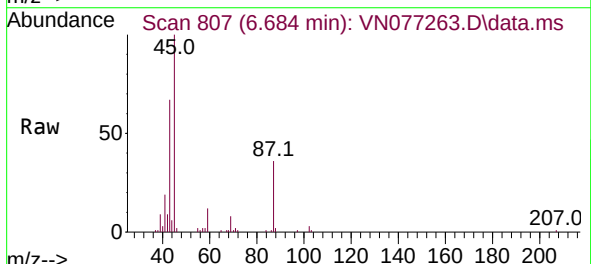
Tgt Ion: 96 Resp: 30440
Ion Ratio Lower Upper
96 100
61 96.5 93.8 140.6
98 63.3 50.9 76.3

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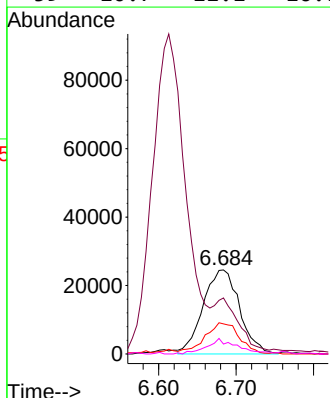
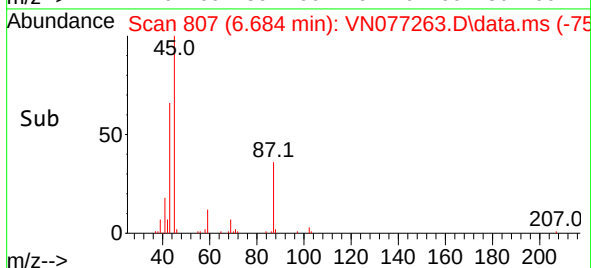
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

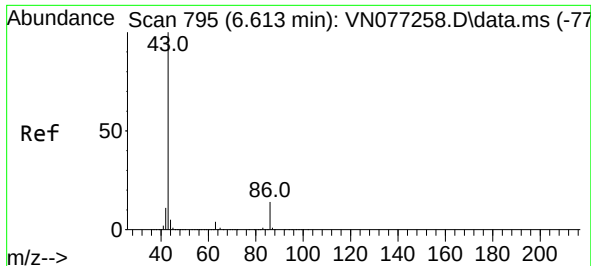


#22
Diisopropyl ether
Concen: 4.718 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29



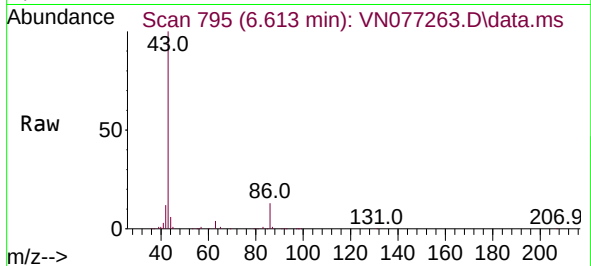
Tgt Ion: 45 Resp: 80300
Ion Ratio Lower Upper
45 100
43 62.3 44.6 66.8
87 35.1 28.4 42.6
59 10.7 11.1 16.7#





#23
 Vinyl Acetate
 Concen: 23.419 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

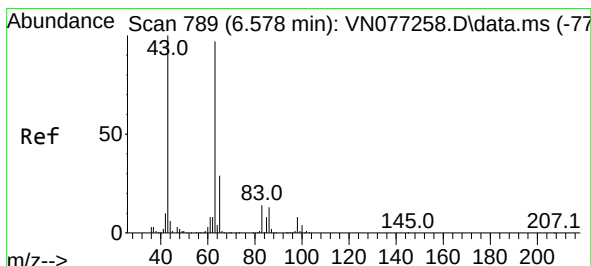
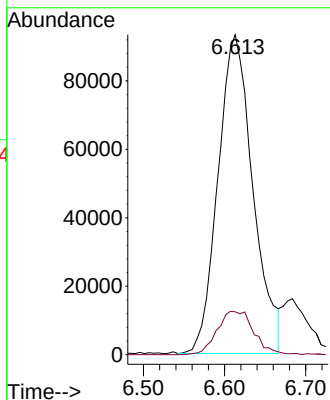
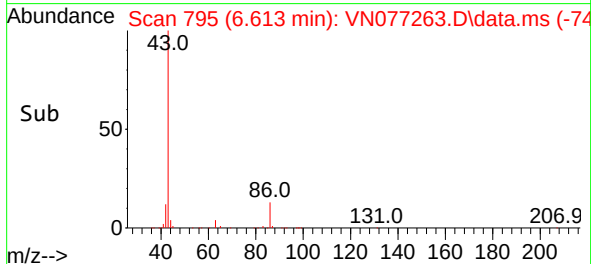
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



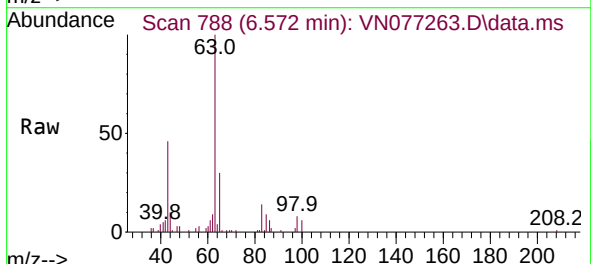
Tgt Ion: 43 Resp: 279070
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8

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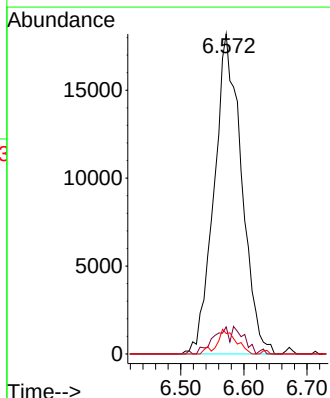
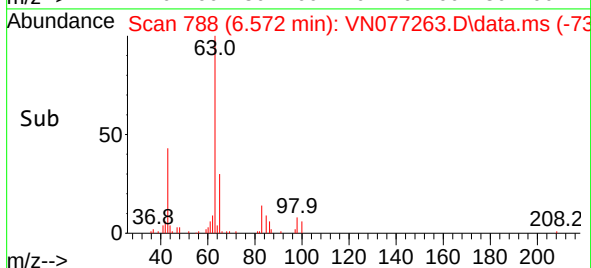
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

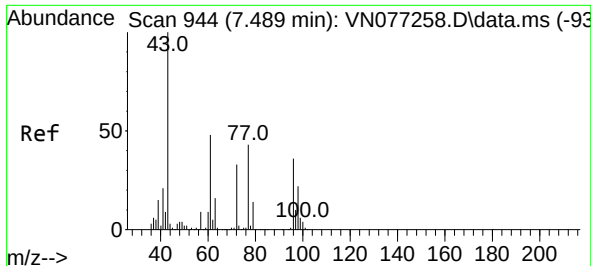


#24
 1,1-Dichloroethane
 Concen: 5.045 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29



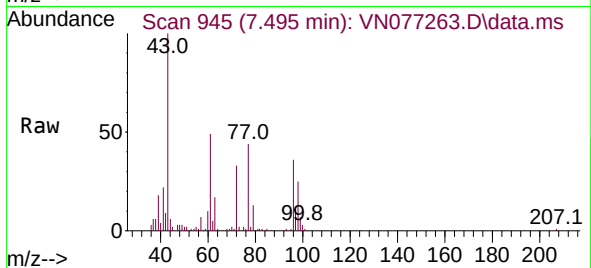
Tgt Ion: 63 Resp: 54891
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.0 12.0
 100 6.4 2.3 6.9





#25
2-Butanone
Concen: 24.928 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

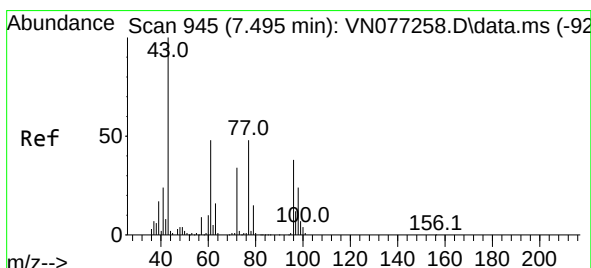
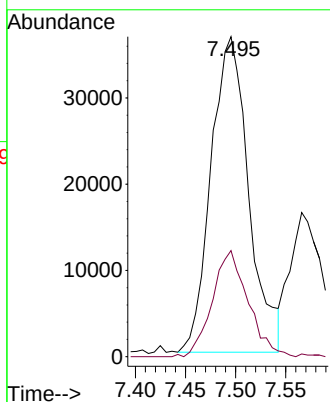
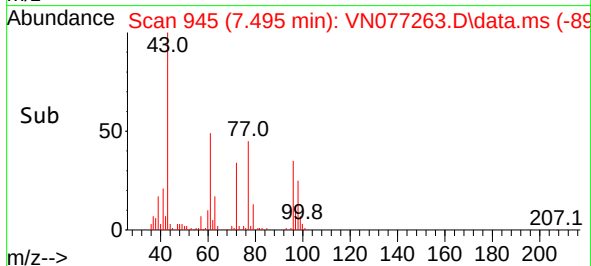
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 95779
Ion Ratio Lower Upper
43 100
72 32.9 26.6 39.8

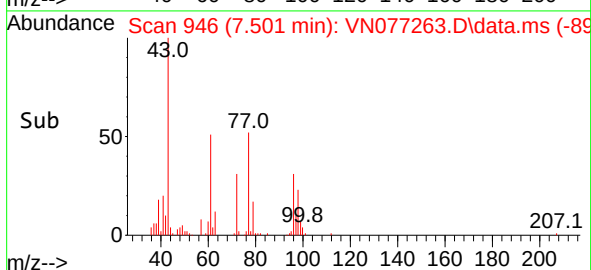
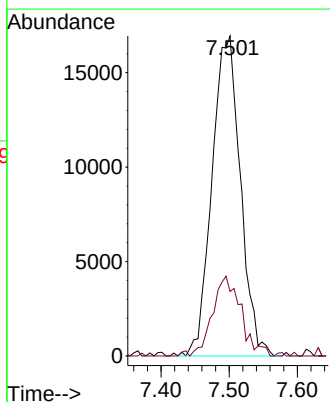
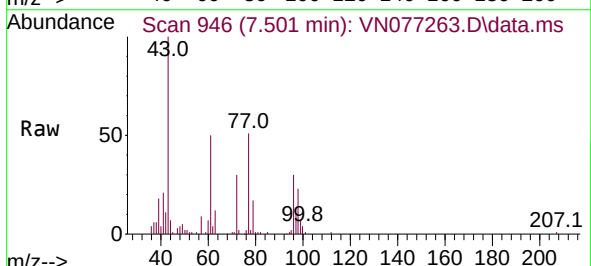
Manual Integrations
APPROVED

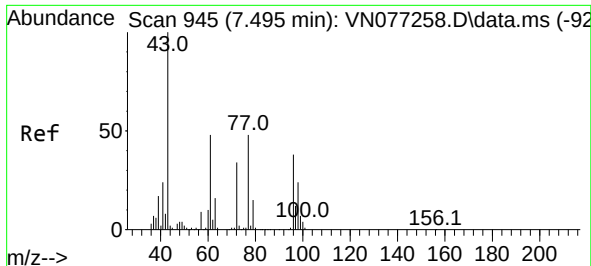
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#26
2,2-Dichloropropane
Concen: 4.710 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 77 Resp: 49093
Ion Ratio Lower Upper
77 100
97 24.8 12.0 36.1





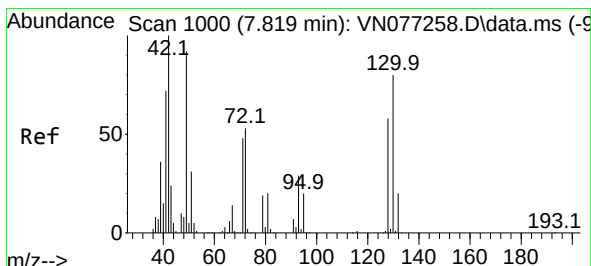
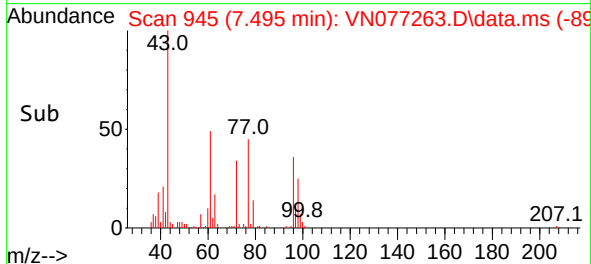
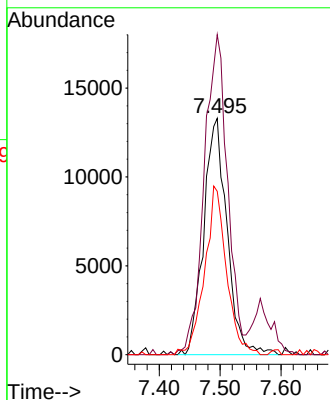
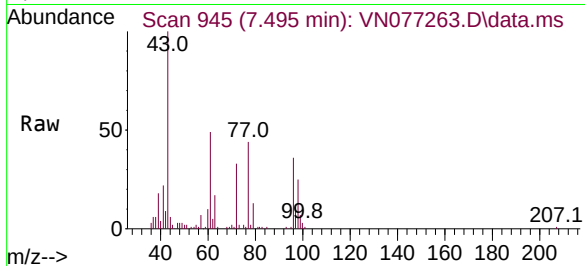
#27
 cis-1,2-Dichloroethene
 Concen: 4.739 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 35436
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 261.0
 98 66.5 0.0 128.0

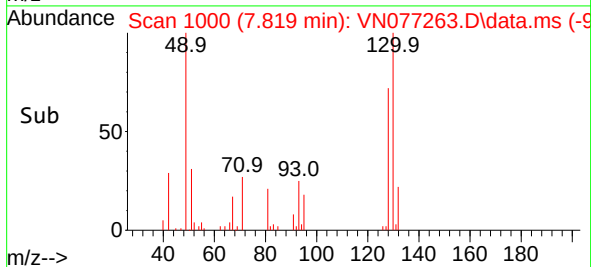
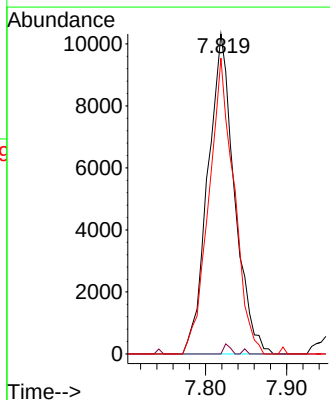
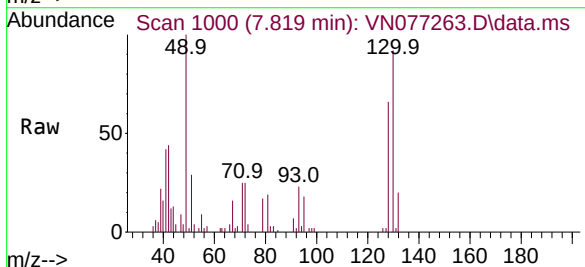
Manual Integrations
 APPROVED

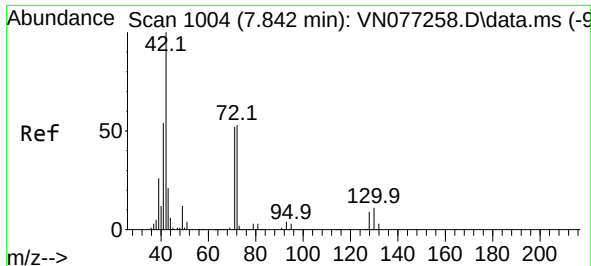
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#28
 Bromochloromethane
 Concen: 5.512 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

Tgt Ion: 49 Resp: 23548
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.4
 130 87.6 68.4 102.6





#29

Tetrahydrofuran

Concen: 25.821 ug/l

RT: 7.848 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

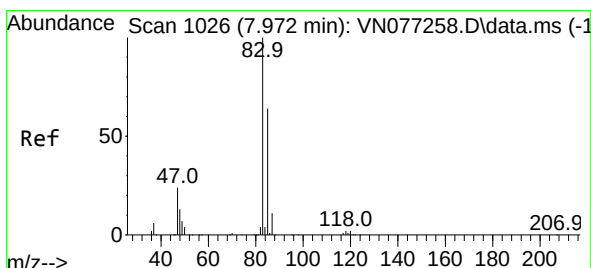
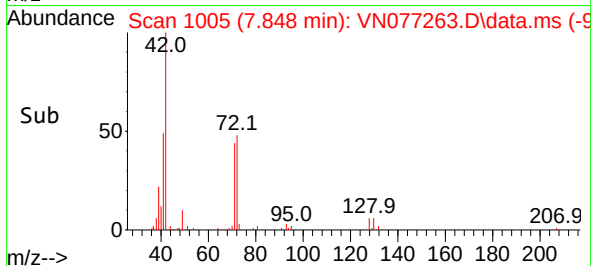
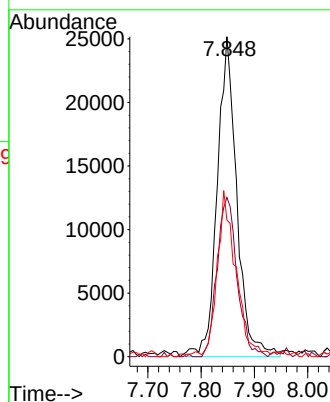
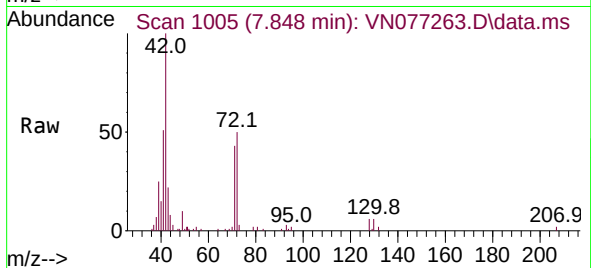
Tgt Ion:	42	Resp:	64400
Ion Ratio	Lower	Upper	
42	100		
72	50.9	44.6	66.8
71	48.2	41.3	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#30

Chloroform

Concen: 4.878 ug/l

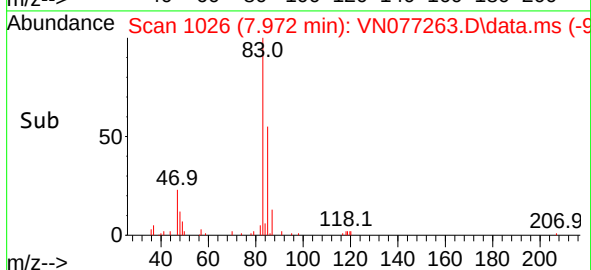
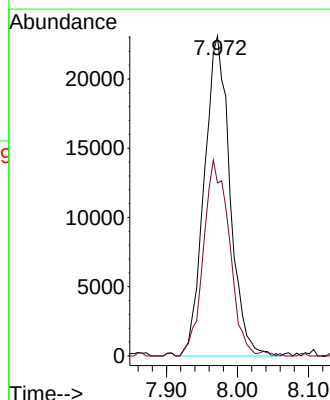
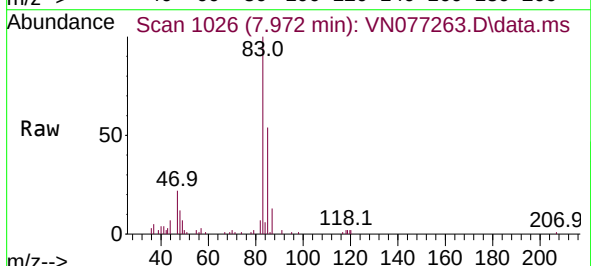
RT: 7.972 min Scan# 1026

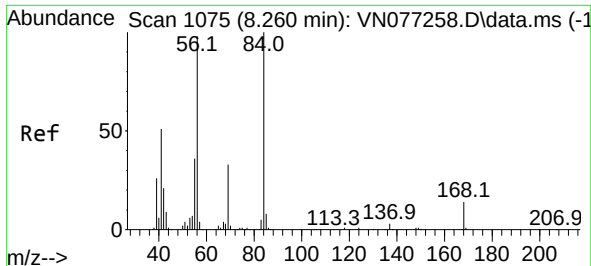
Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

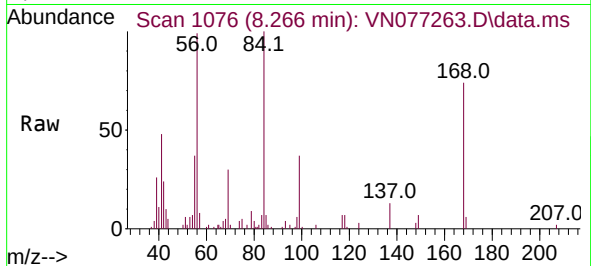
Tgt Ion:	83	Resp:	58004
Ion Ratio	Lower	Upper	
83	100		
85	54.1	50.9	76.3





#31
Cyclohexane
Concen: 5.600 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

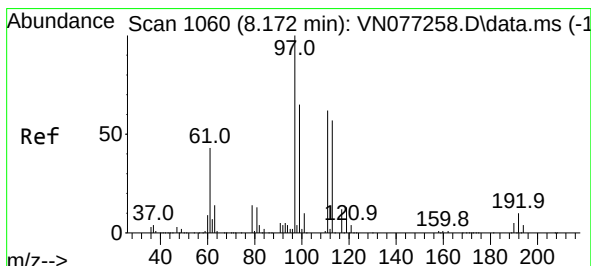
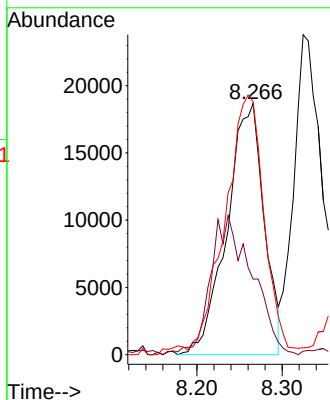
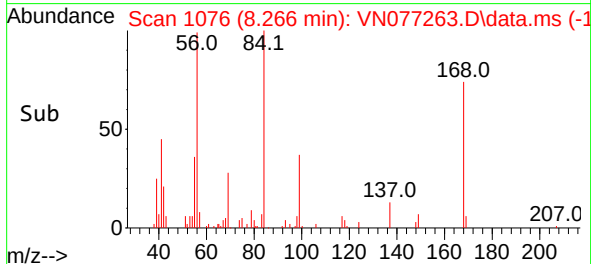
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



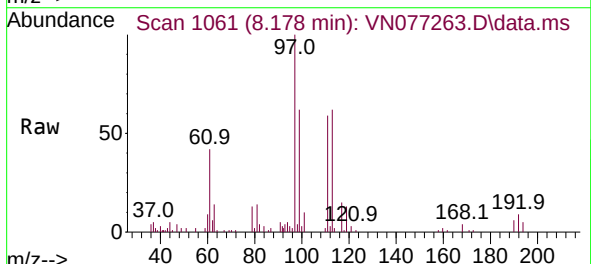
Tgt Ion: 56 Resp: 56410
Ion Ratio Lower Upper
56 100
69 28.9 26.6 40.0
84 97.2 81.8 122.8

Manual Integrations
APPROVED

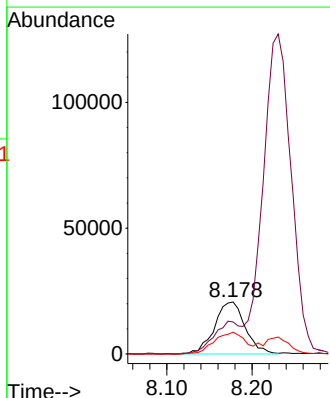
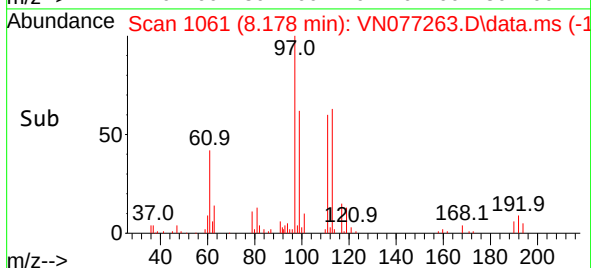
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

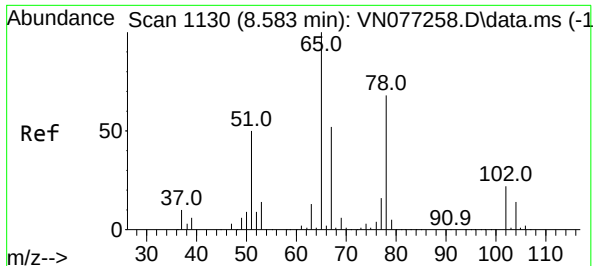


#32
1,1,1-Trichloroethane
Concen: 4.888 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29



Tgt Ion: 97 Resp: 51766
Ion Ratio Lower Upper
97 100
99 57.7 54.2 81.4
61 42.2 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 5.521 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. -0.005 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 35460

Ion Ratio Lower Upper

65 100

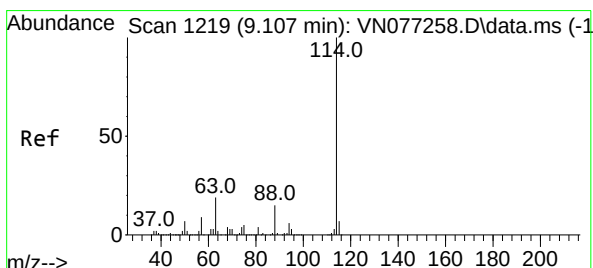
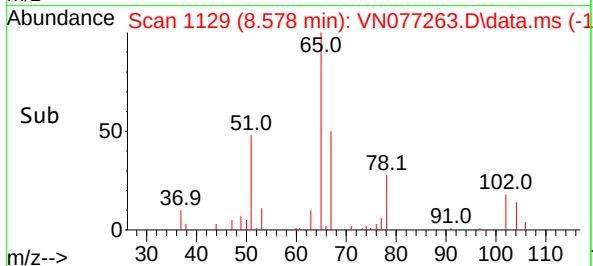
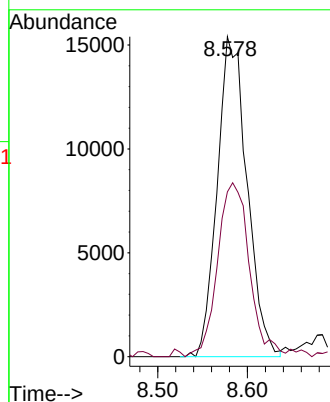
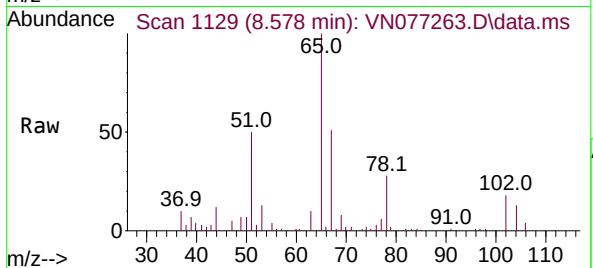
67 57.9 0.0 108.8

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: VN077263.D

Acq: 05 Apr 2023 14:29

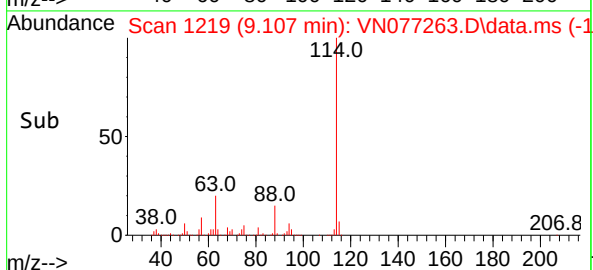
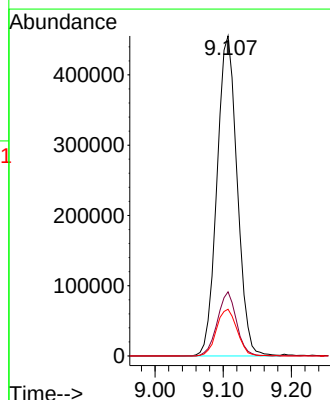
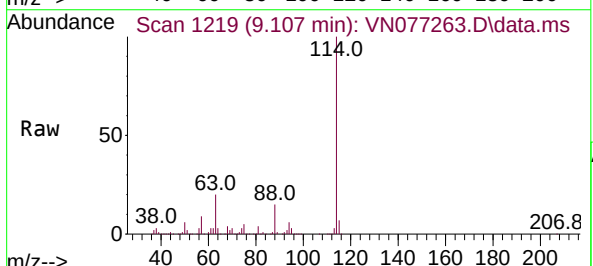
Tgt Ion:114 Resp: 939158

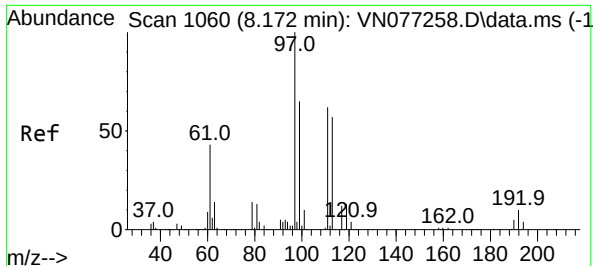
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.8

88 14.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 5.368 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

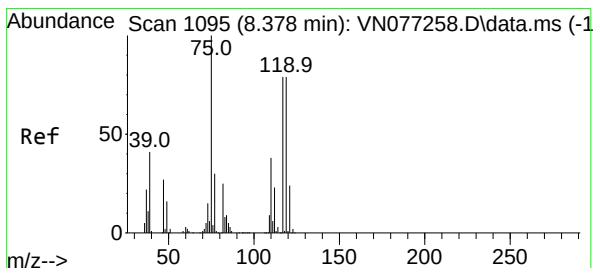
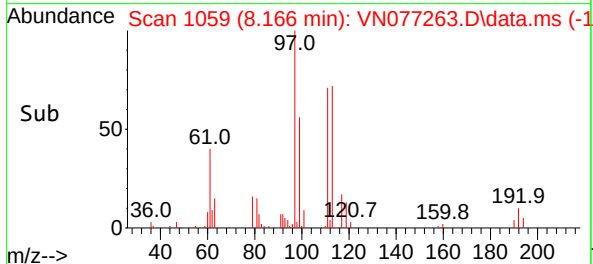
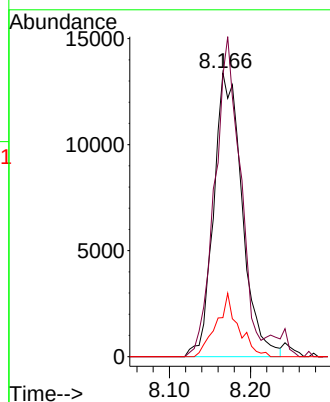
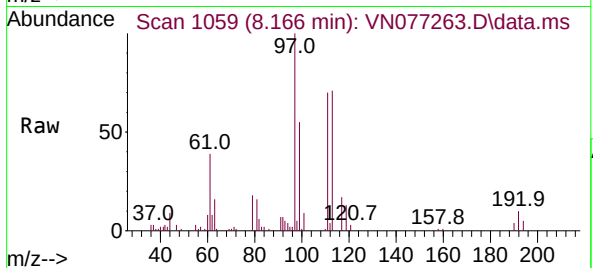
Tgt Ion:	113	Resp:	32570
Ion Ratio	Lower	Upper	
113	100		
111	100.8	83.4	125.0
192	17.4	13.5	20.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#36

1,1-Dichloropropene

Concen: 4.850 ug/l

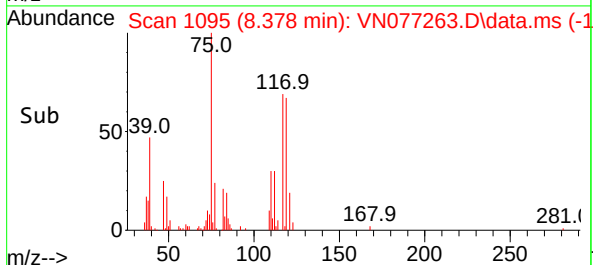
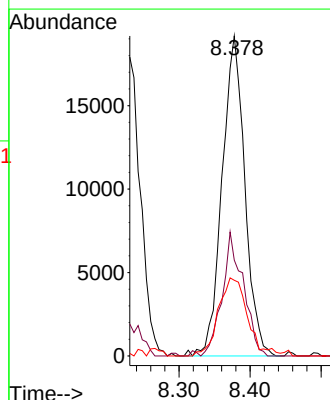
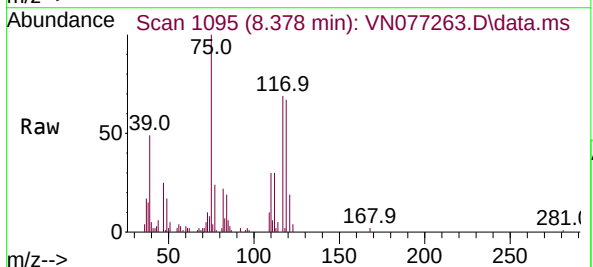
RT: 8.378 min Scan# 1095

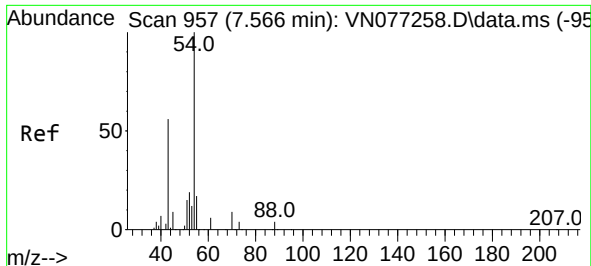
Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Tgt Ion:	75	Resp:	42745
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.8	53.5
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 4.750 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 3725

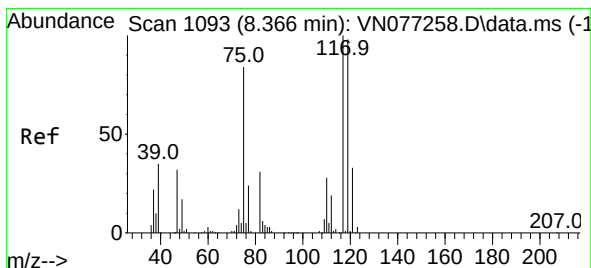
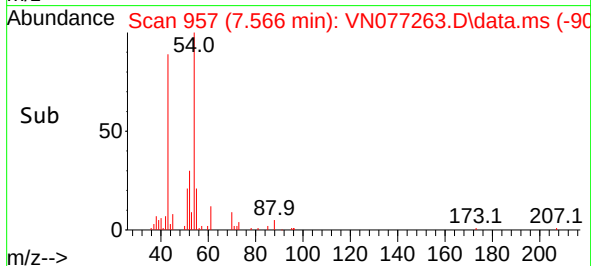
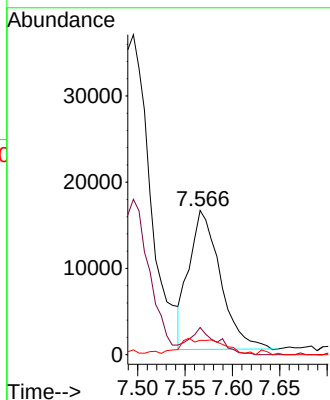
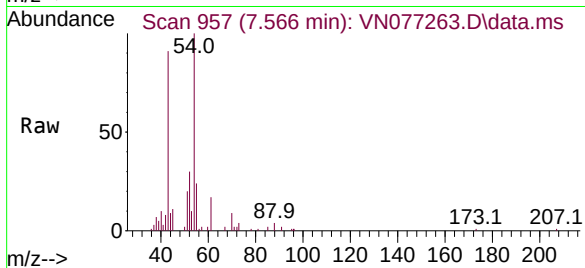
Ion	Ratio	Lower	Upper
43	100		
61	17.1	12.2	18.2
70	5.8	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#38

Carbon Tetrachloride

Concen: 4.726 ug/l

RT: 8.366 min Scan# 1093

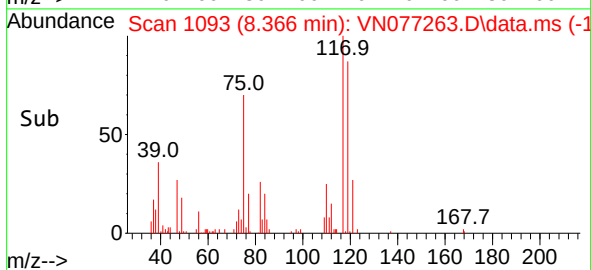
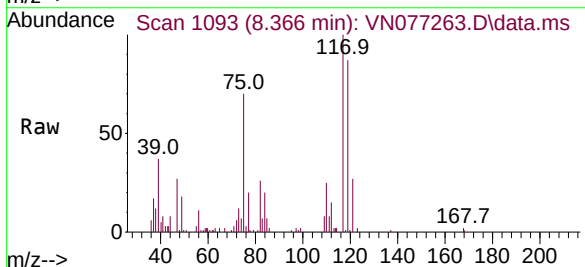
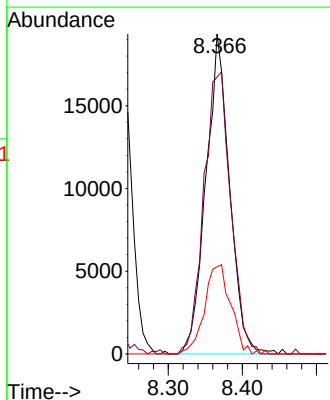
Delta R.T. -0.000 min

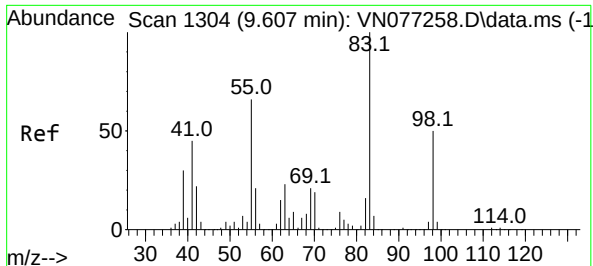
Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Tgt Ion:117 Resp: 42855

Ion	Ratio	Lower	Upper
117	100		
119	86.5	78.5	117.7
121	27.3	26.6	40.0





#39

Methylcyclohexane

Concen: 4.696 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

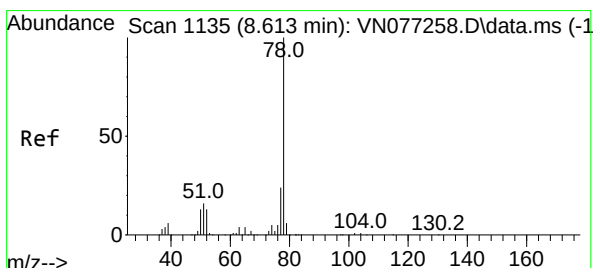
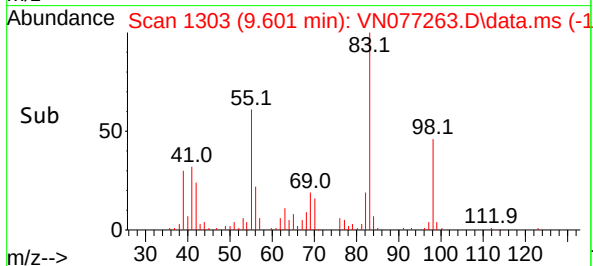
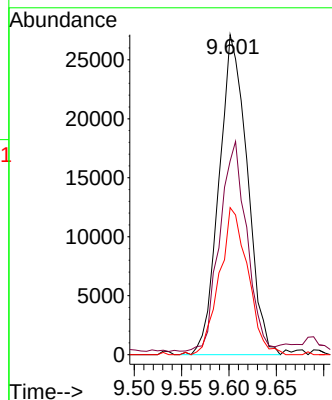
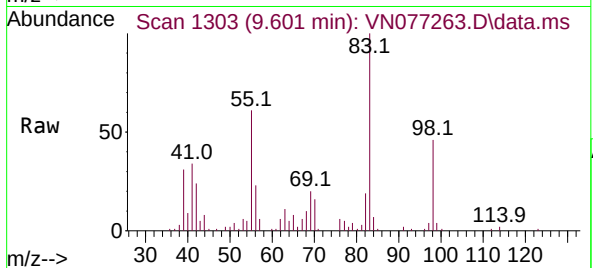
Tgt Ion	Ratio	Lower	Upper
83	100		
55	59.4	52.4	78.6
98	46.0	39.8	59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#40

Benzene

Concen: 4.803 ug/l

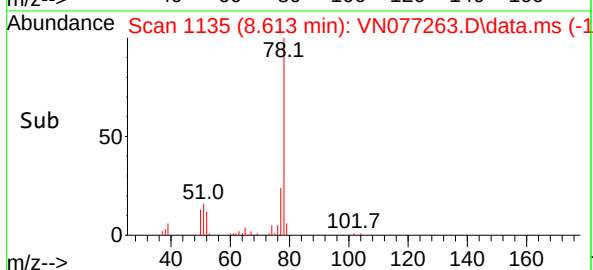
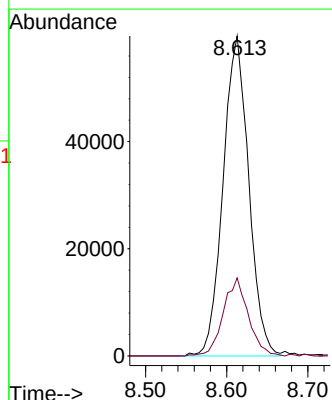
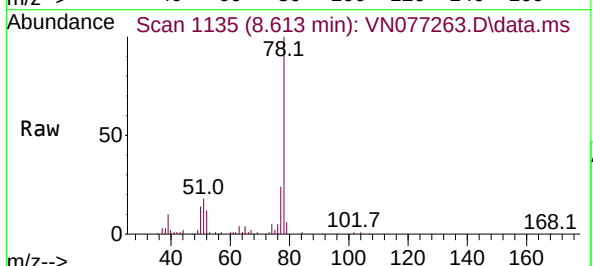
RT: 8.613 min Scan# 1135

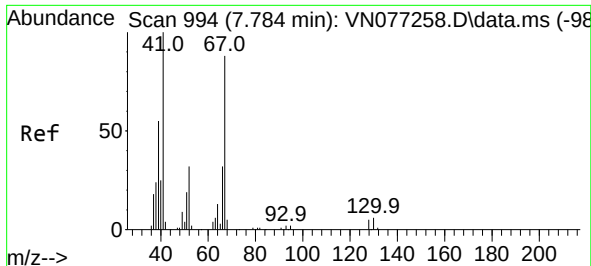
Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

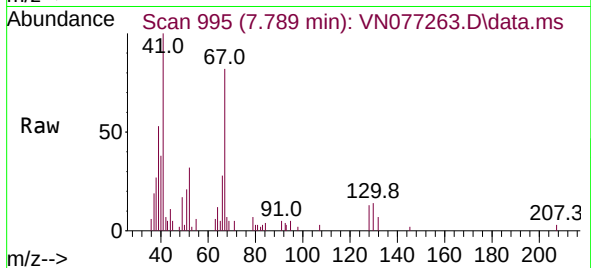
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





#41
Methacrylonitrile
Concen: 4.619 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

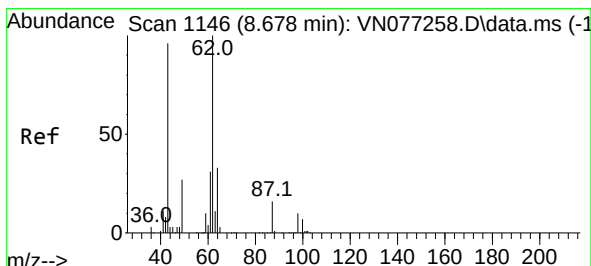
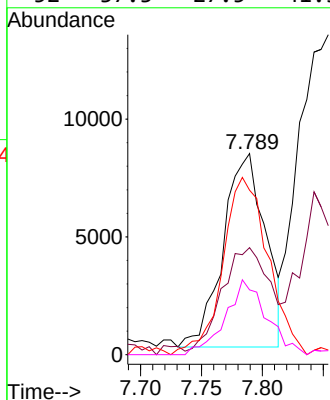
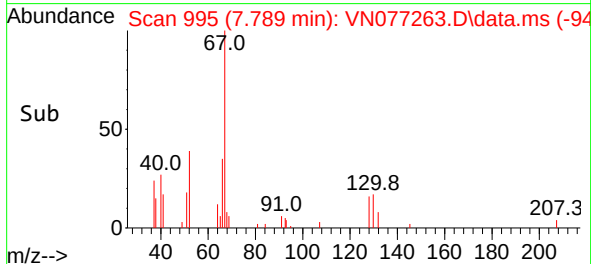
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 1992
Ion Ratio Lower Upper
41 100
39 58.7 44.1 66.1
67 97.6 71.4 107.2
52 37.3 27.5 41.3

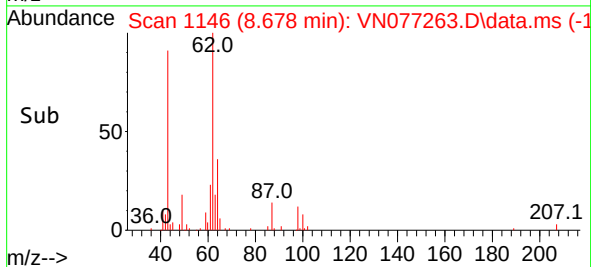
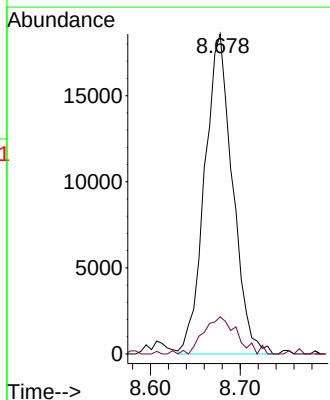
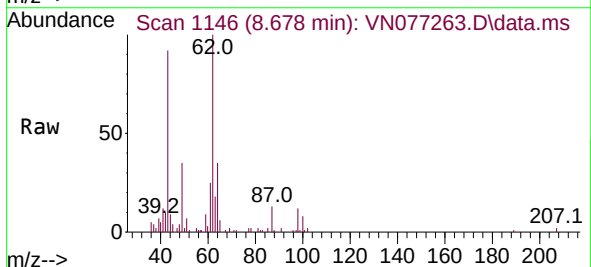
Manual Integrations
APPROVED

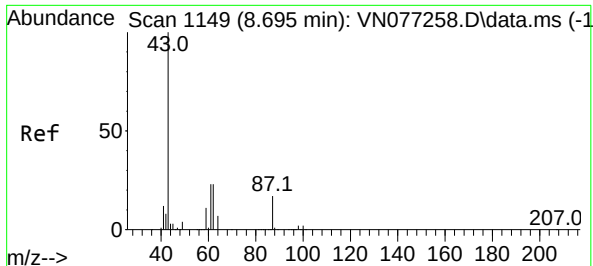
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#42
1,2-Dichloroethane
Concen: 4.697 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

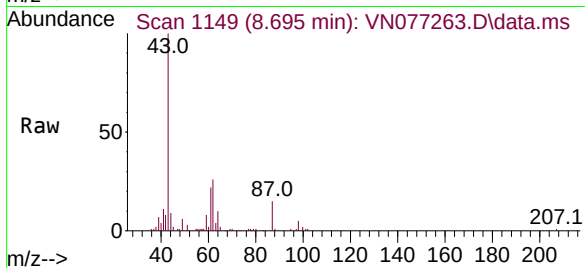
Tgt Ion: 62 Resp: 40089
Ion Ratio Lower Upper
62 100
98 13.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 4.816 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

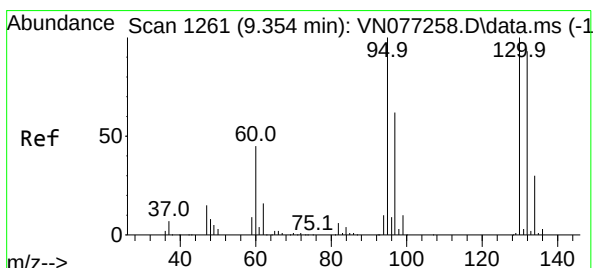
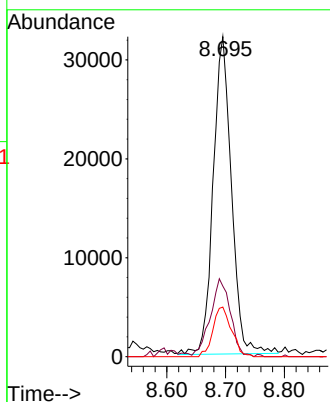
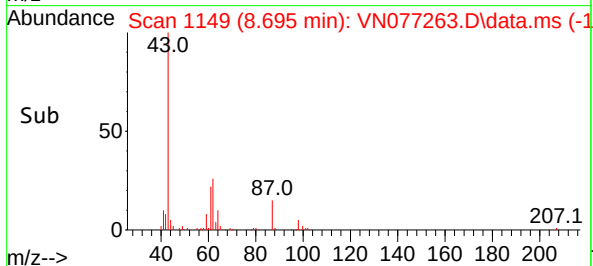
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



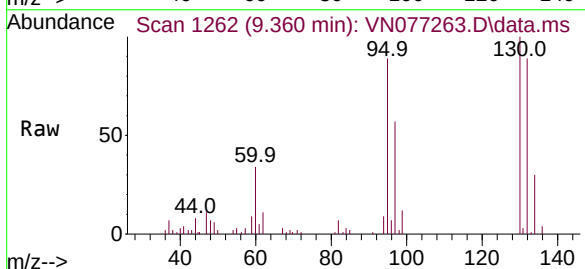
Tgt Ion: 43 Resp: 69439
Ion Ratio Lower Upper
43 100
61 26.9 22.7 34.1
87 15.9 13.6 20.4

Manual Integrations
APPROVED

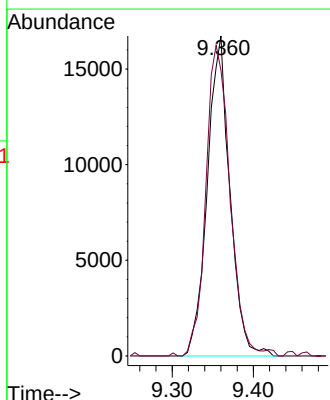
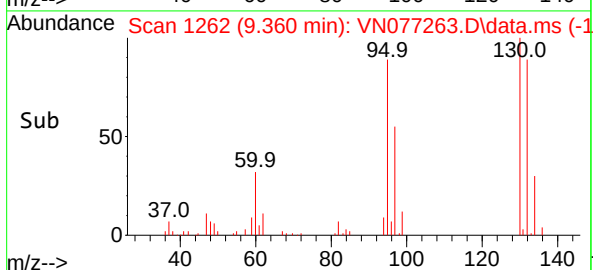
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

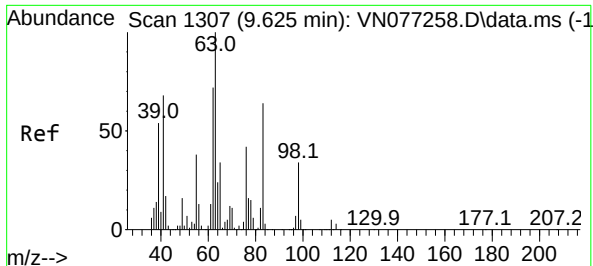


#44
Trichloroethene
Concen: 4.900 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29



Tgt Ion:130 Resp: 32275
Ion Ratio Lower Upper
130 100
95 89.4 0.0 200.2





#45

1,2-Dichloropropane

Concen: 4.866 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 3295

Ion Ratio Lower Upper

63 100

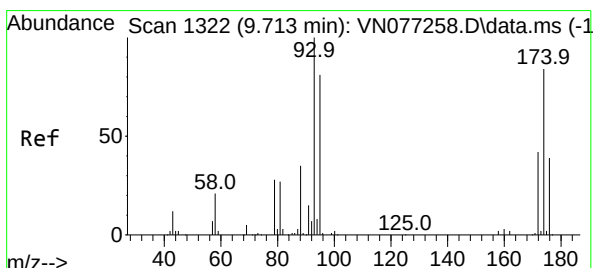
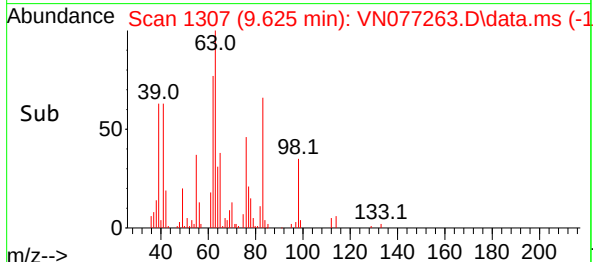
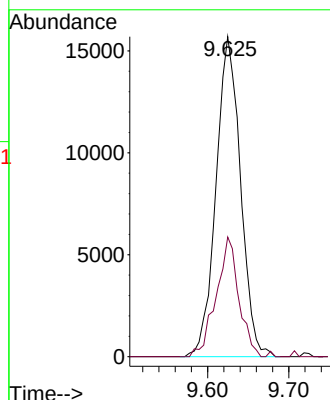
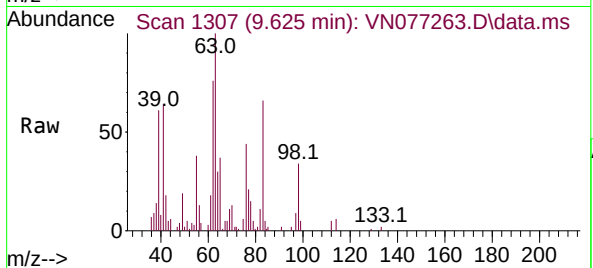
65 37.4 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#46

Dibromomethane

Concen: 5.082 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

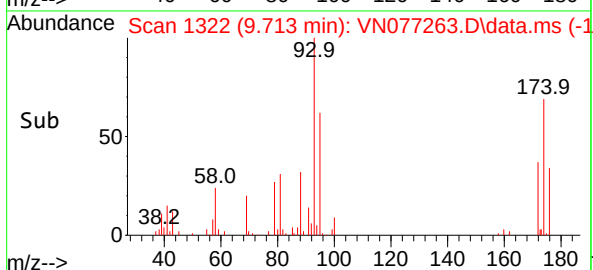
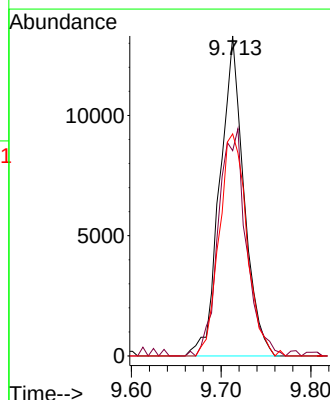
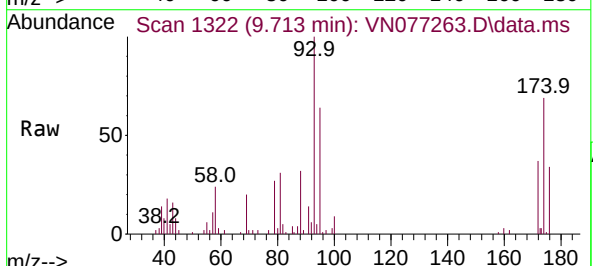
Tgt Ion: 93 Resp: 24803

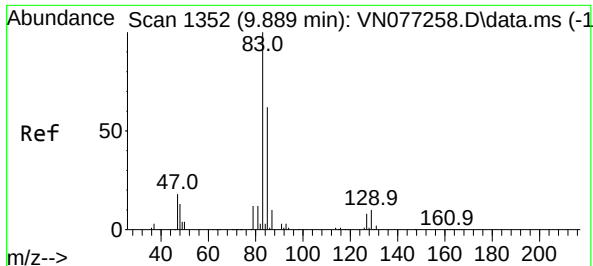
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.6

174 79.5 66.0 99.0





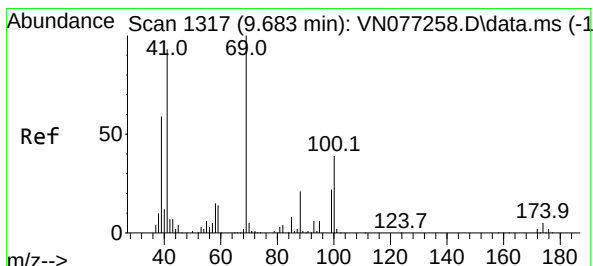
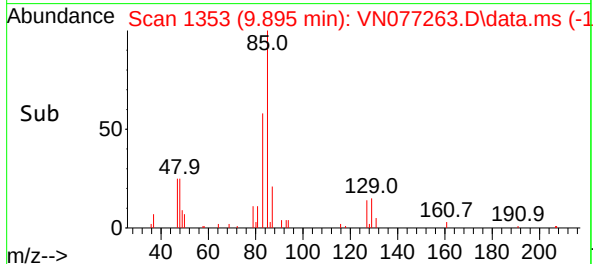
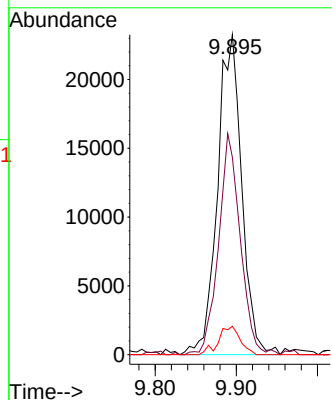
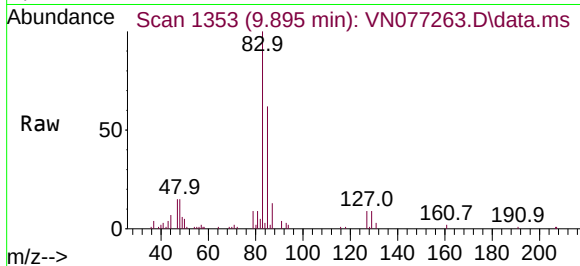
#47
Bromodichloromethane
Concen: 4.953 ug/l
RT: 9.895 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 4825
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.8
127 8.8 6.2 9.2

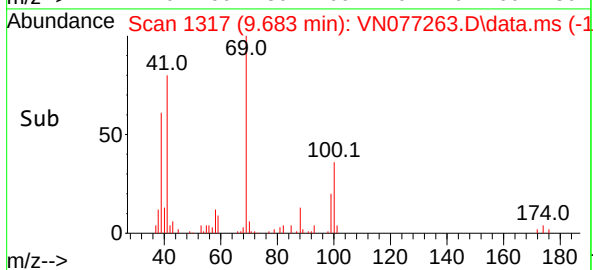
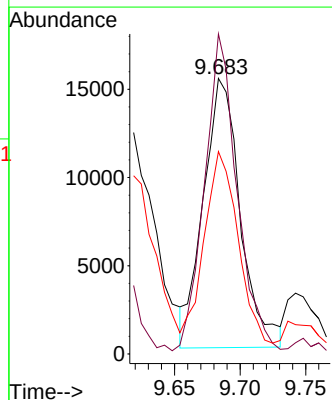
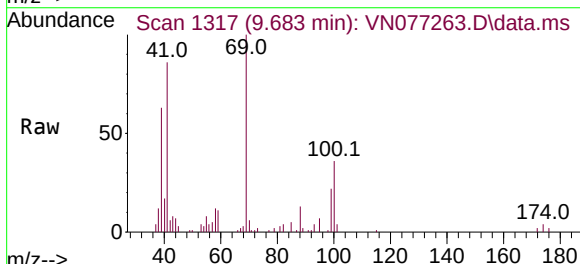
Manual Integrations
APPROVED

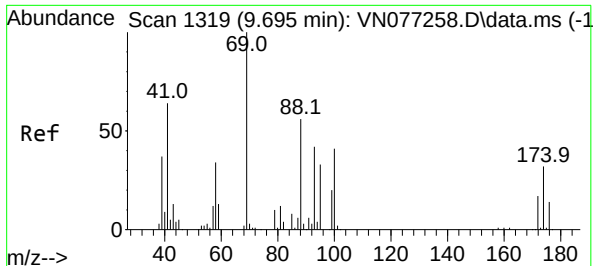
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#48
Methyl methacrylate
Concen: 4.774 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 41 Resp: 29945
Ion Ratio Lower Upper
41 100
69 104.7 85.0 127.6
39 69.0 53.5 80.3





#49

1,4-Dioxane

Concen: 97.861 ug/l

RT: 9.701 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 1468

Ion Ratio Lower Upper

88 100

43 26.2 17.0 25.6

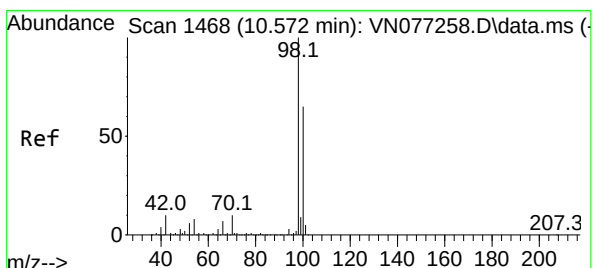
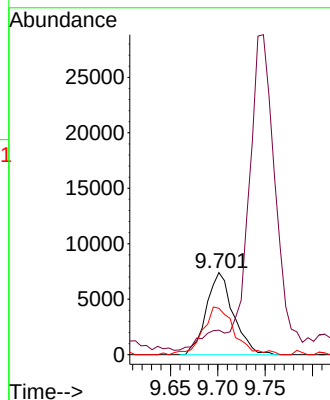
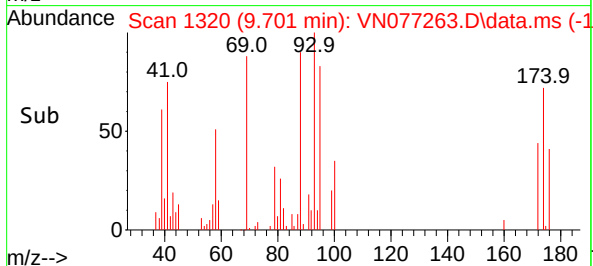
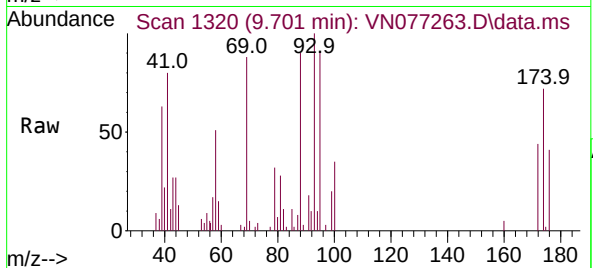
58 67.5 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#50

Toluene-d8

Concen: 5.471 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077263.D

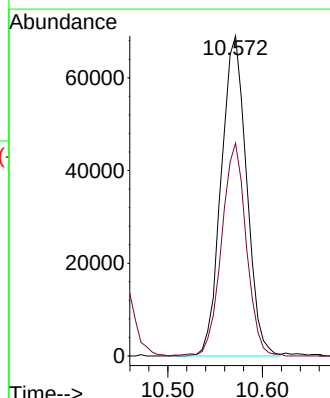
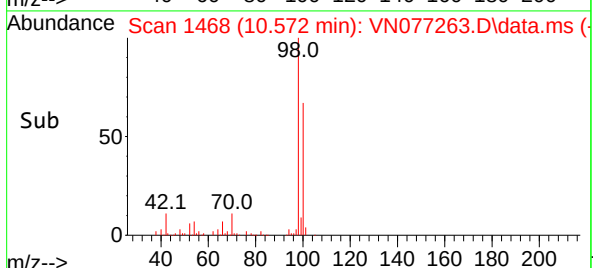
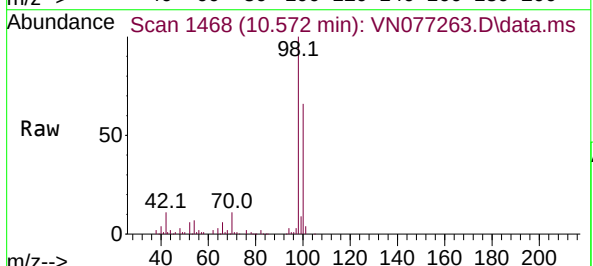
Acq: 05 Apr 2023 14:29

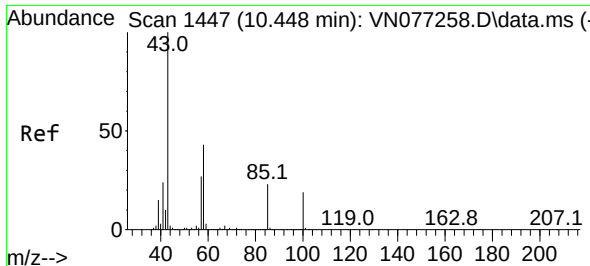
Tgt Ion: 98 Resp: 128179

Ion Ratio Lower Upper

98 100

100 64.7 51.3 76.9





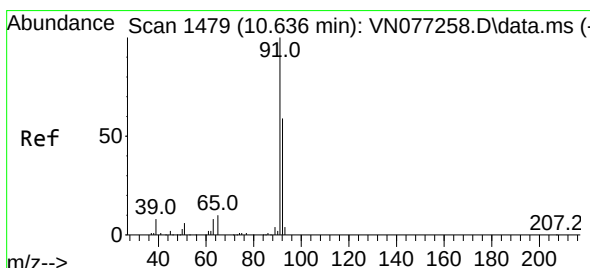
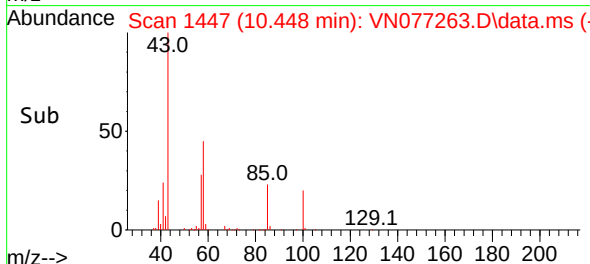
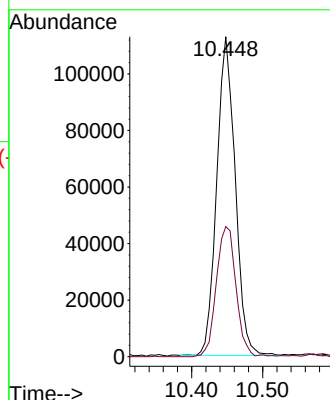
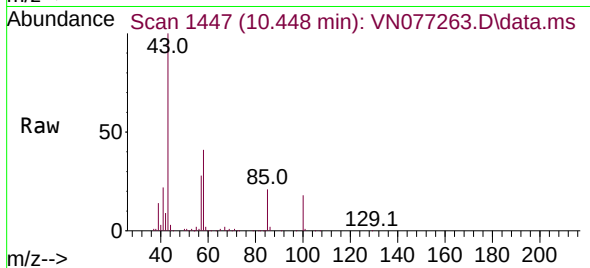
#51
4-Methyl-2-Pentanone
Concen: 24.024 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 20288
Ion Ratio Lower Upper
43 100
58 43.2 34.6 52.0

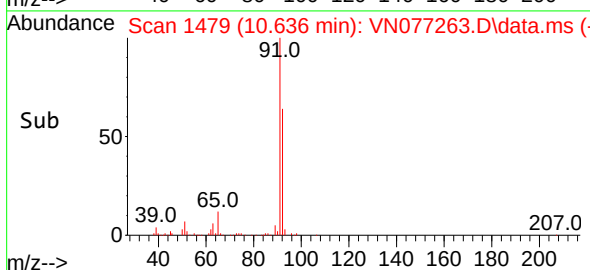
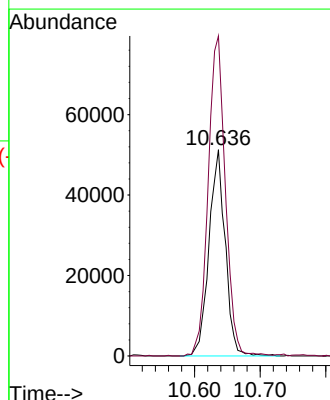
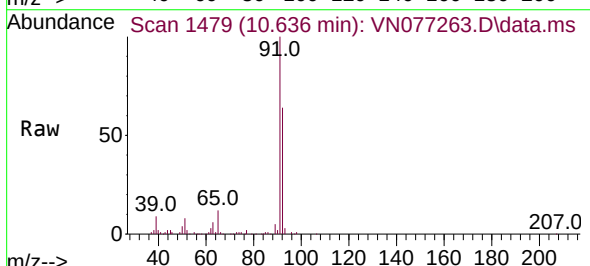
Manual Integrations
APPROVED

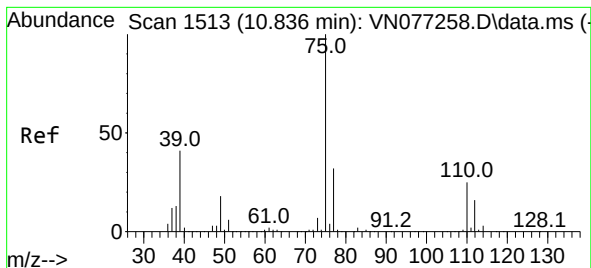
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#52
Toluene
Concen: 4.954 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 92 Resp: 88341
Ion Ratio Lower Upper
92 100
91 164.3 138.0 207.0





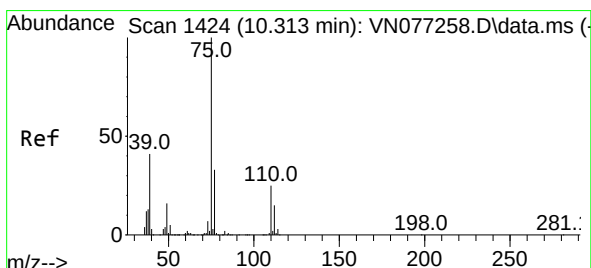
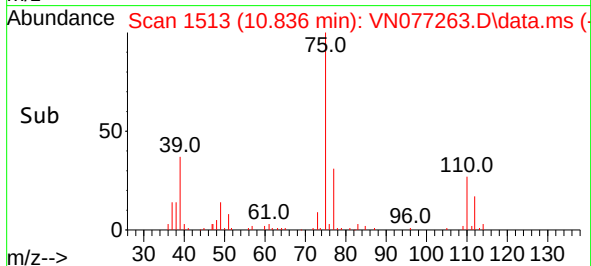
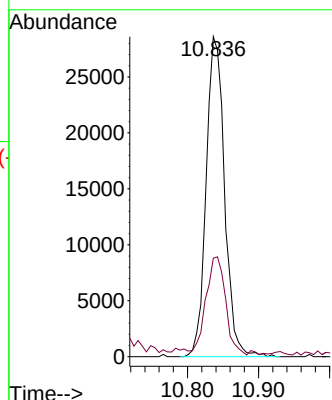
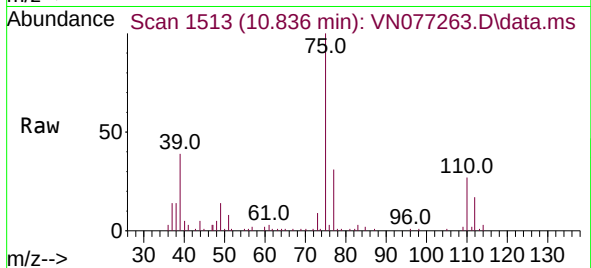
#53
t-1,3-Dichloropropene
Concen: 4.875 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 5163
Ion Ratio Lower Upper
75 100
77 29.2 25.4 38.0

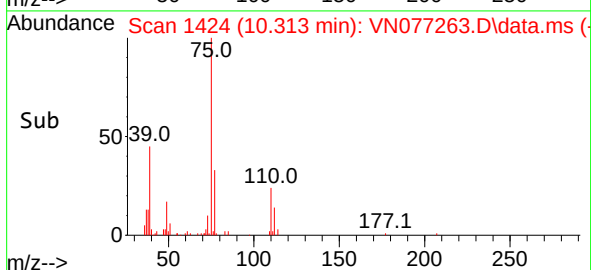
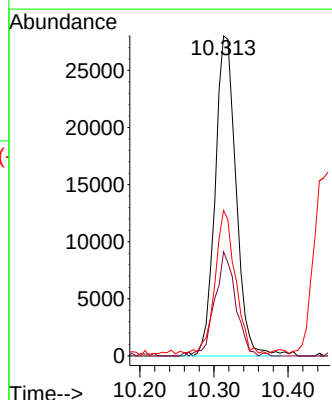
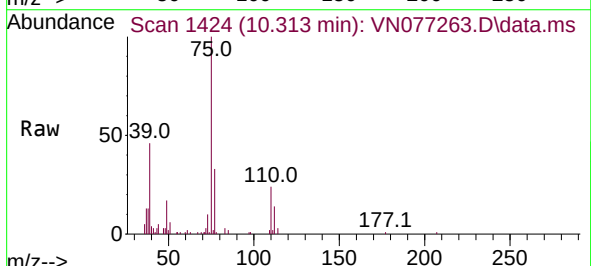
Manual Integrations
APPROVED

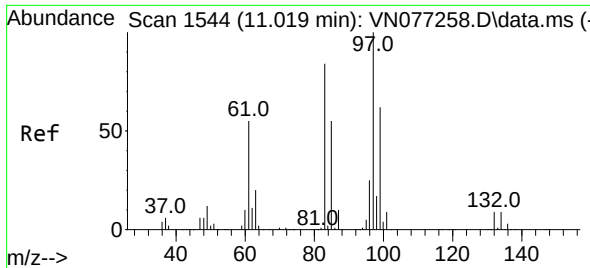
Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#54
cis-1,3-Dichloropropene
Concen: 4.788 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

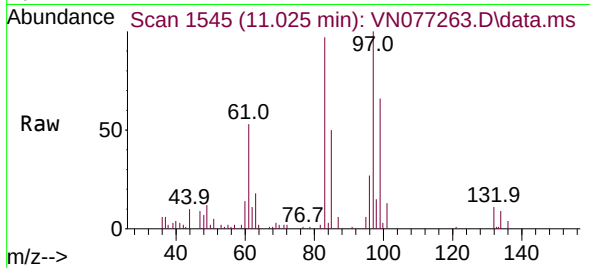
Tgt Ion: 75 Resp: 54824
Ion Ratio Lower Upper
75 100
77 32.6 26.7 40.1
39 44.1 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 4.468 ug/l
RT: 11.025 min Scan# 1544
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

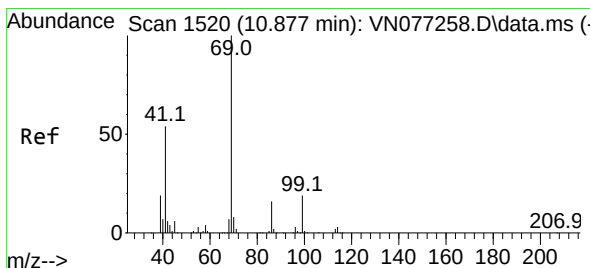
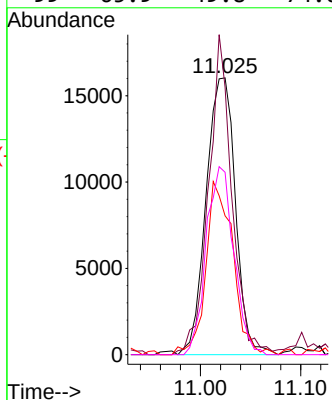
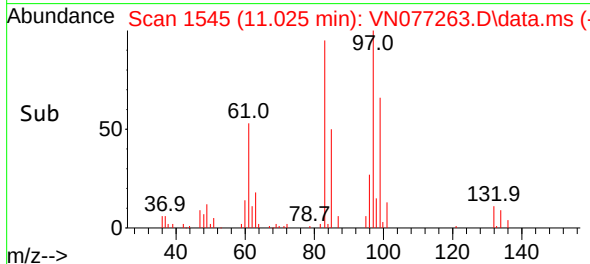
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



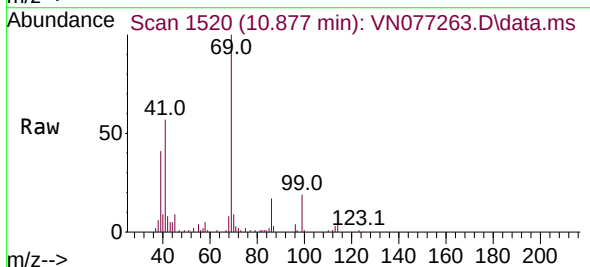
Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.2	67.4	101.2
85	50.2	44.1	66.1
99	65.9	49.8	74.6

Manual Integrations
APPROVED

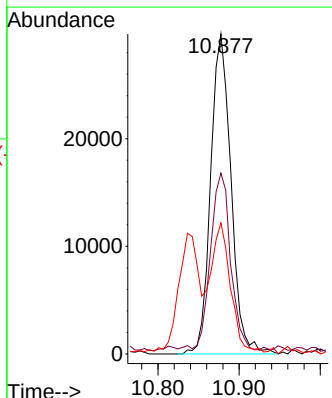
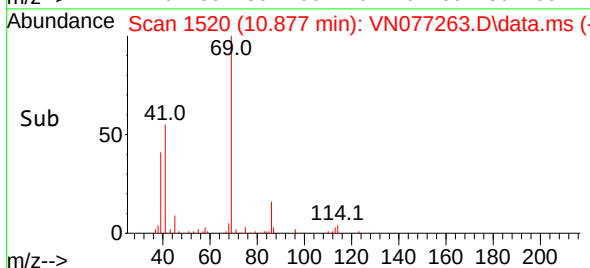
Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

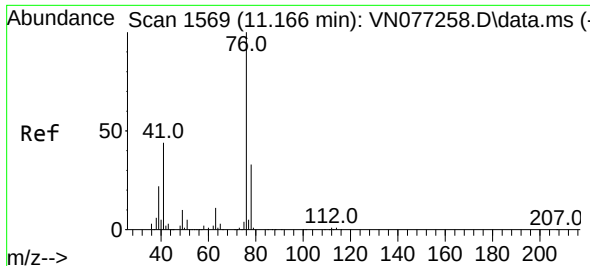


#56
Ethyl methacrylate
Concen: 4.595 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29



Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.3	42.8	64.2
39	39.0	27.0	40.4





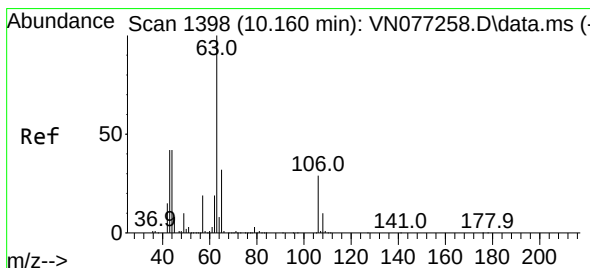
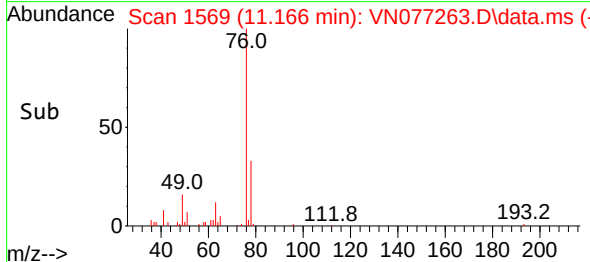
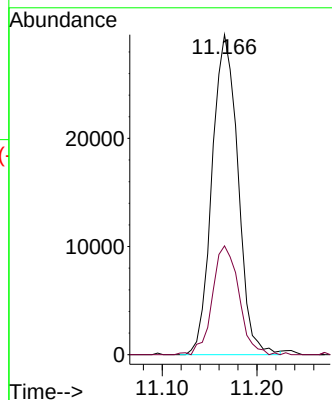
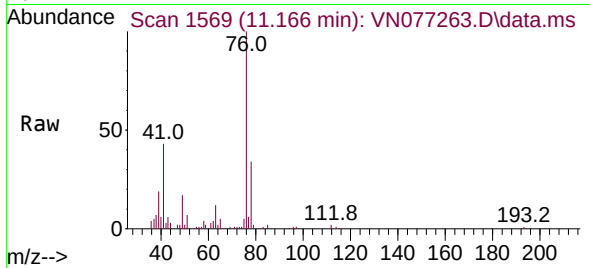
#57
1,3-Dichloropropane
Concen: 4.914 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 56164
Ion Ratio Lower Upper
76 100
78 34.9 26.2 39.4

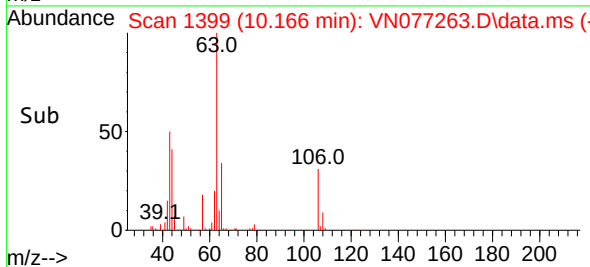
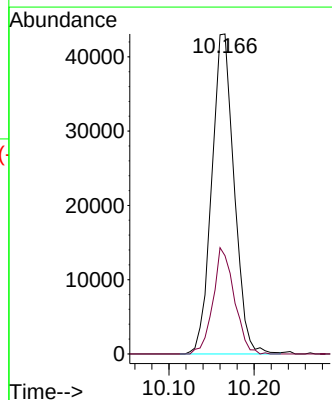
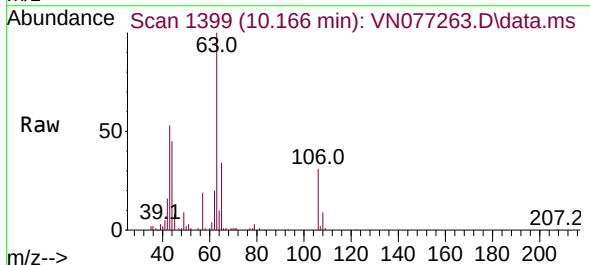
Manual Integrations
APPROVED

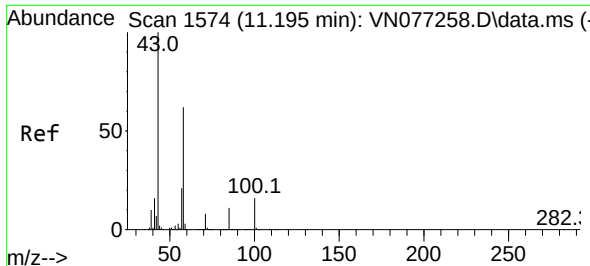
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 23.426 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

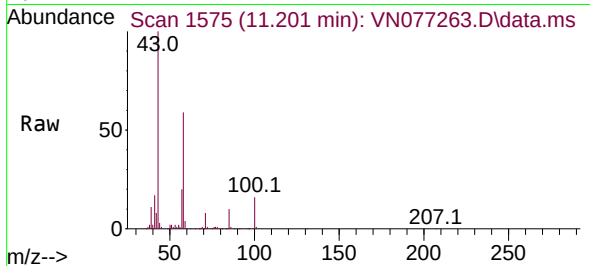
Tgt Ion: 63 Resp: 78745
Ion Ratio Lower Upper
63 100
106 31.5 24.1 36.1





#59
2-Hexanone
Concen: 24.572 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

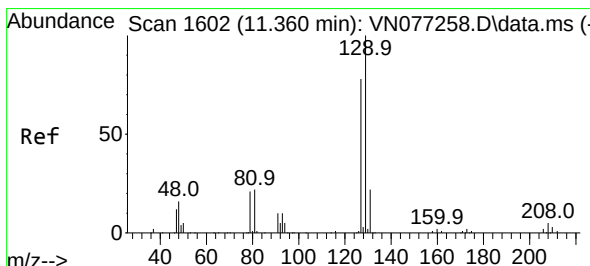
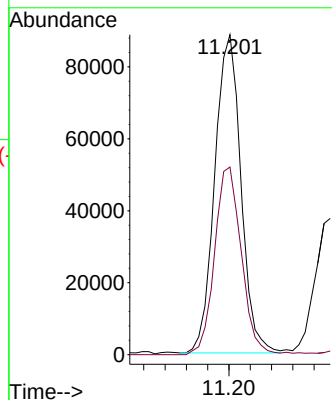
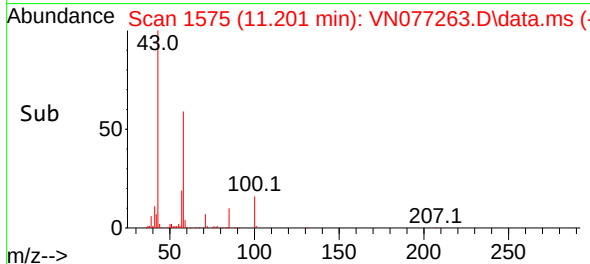
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 150759
Ion Ratio Lower Upper
43 100
58 60.5 30.9 92.5

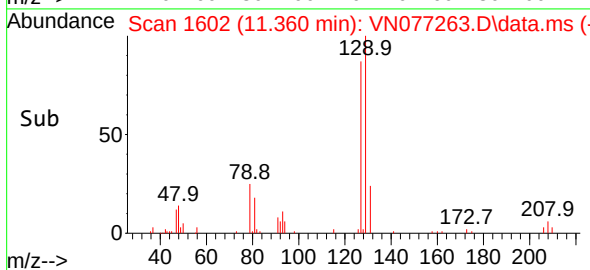
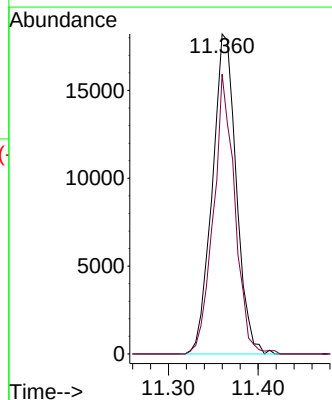
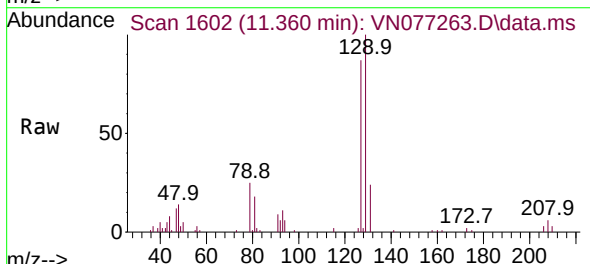
Manual Integrations
APPROVED

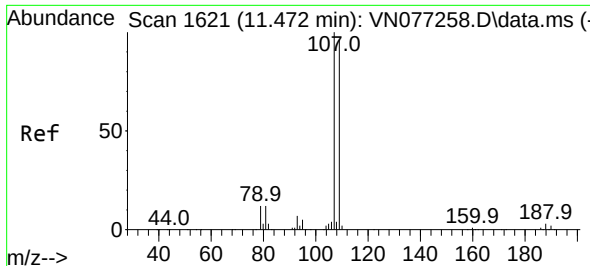
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#60
Dibromochloromethane
Concen: 4.544 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

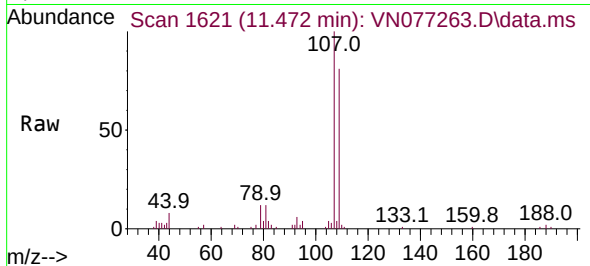
Tgt Ion:129 Resp: 33850
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5





#61
1,2-Dibromoethane
Concen: 4.705 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

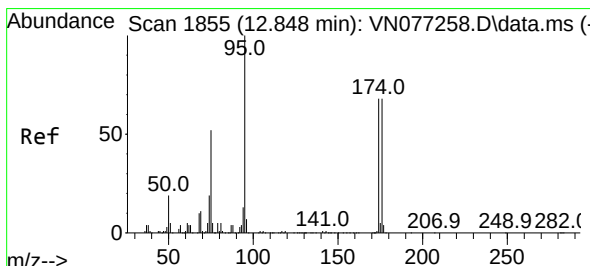
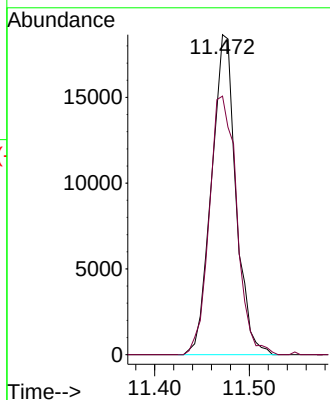
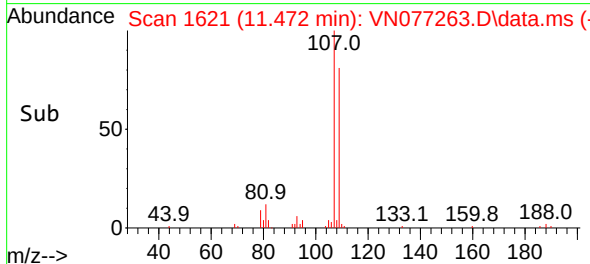
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



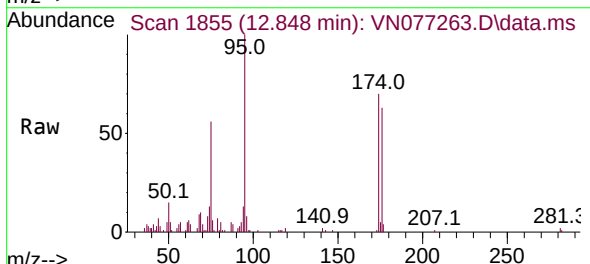
Tgt Ion:107 Resp: 3349
Ion Ratio Lower Upper
107 100
109 90.7 75.2 112.8

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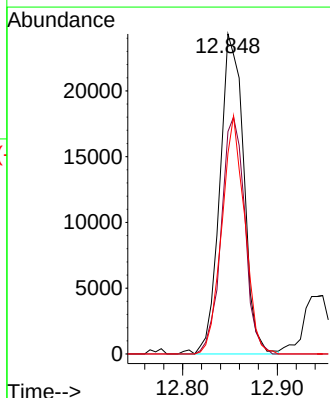
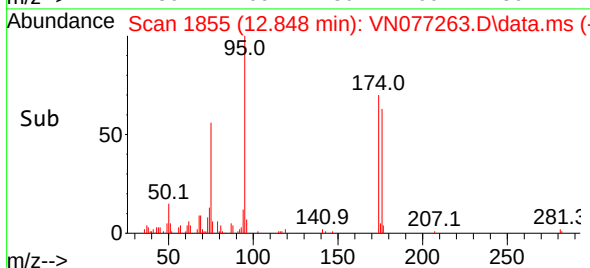
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

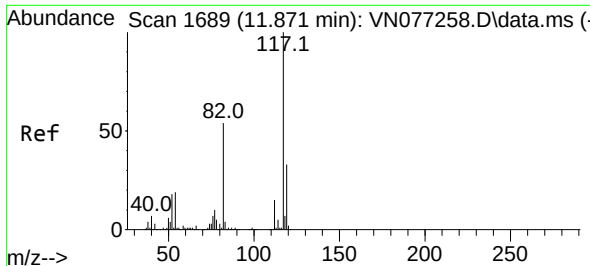


#62
4-Bromofluorobenzene
Concen: 5.464 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29



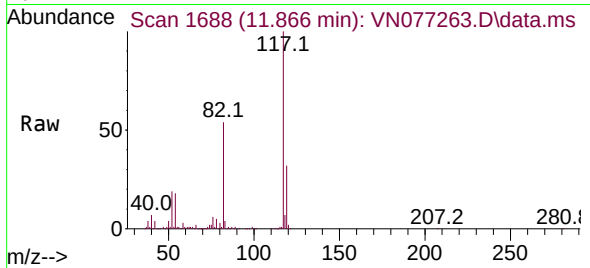
Tgt Ion: 95 Resp: 42598
Ion Ratio Lower Upper
95 100
174 72.8 0.0 146.8
176 71.0 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1689
Delta R.T. -0.005 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

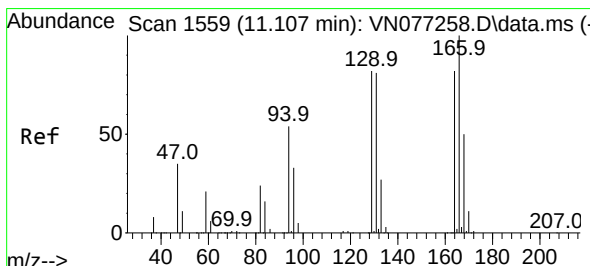
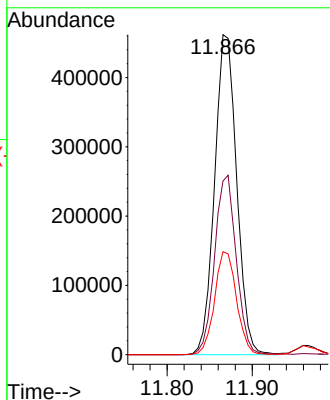
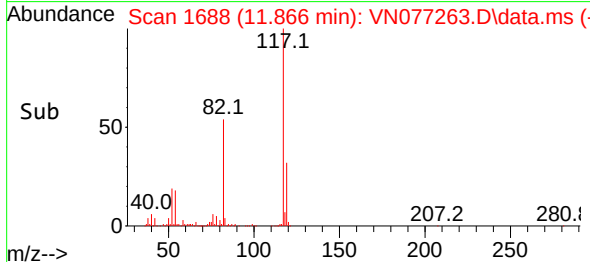
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 833033
Ion Ratio Lower Upper
117 100
82 54.3 42.9 64.3
119 32.2 26.2 39.4

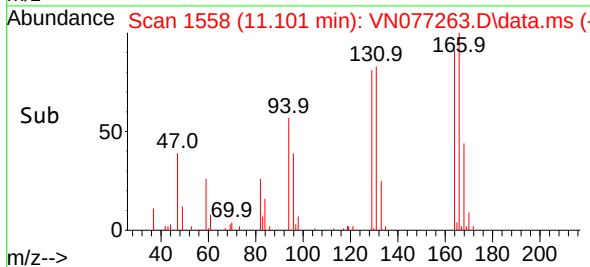
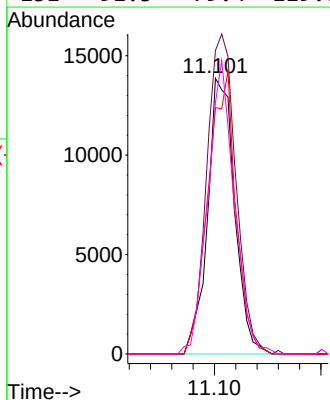
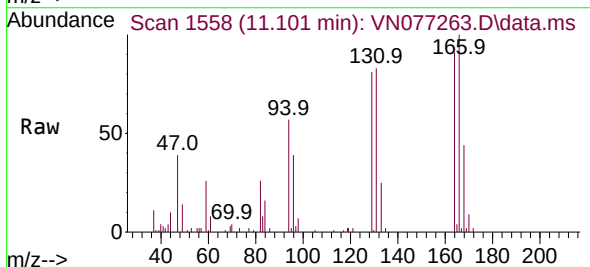
Manual Integrations
APPROVED

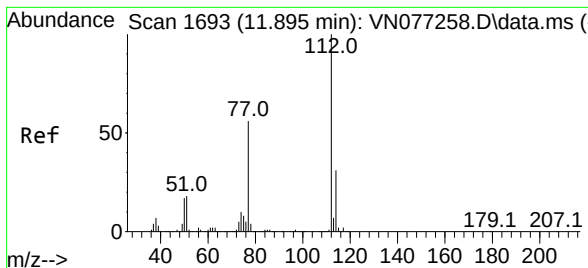
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#64
Tetrachloroethene
Concen: 4.665 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion:164 Resp: 24426
Ion Ratio Lower Upper
164 100
166 110.1 97.8 146.6
129 89.3 80.1 120.1
131 91.3 79.4 119.0





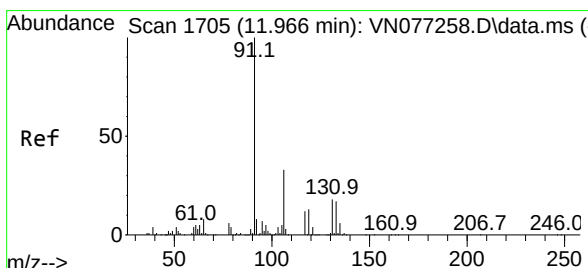
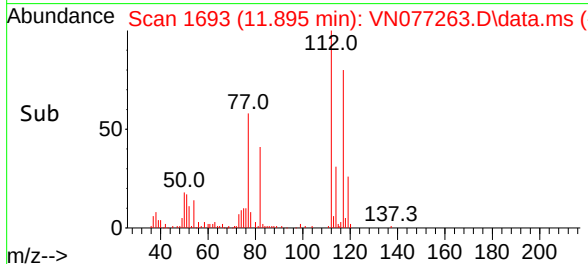
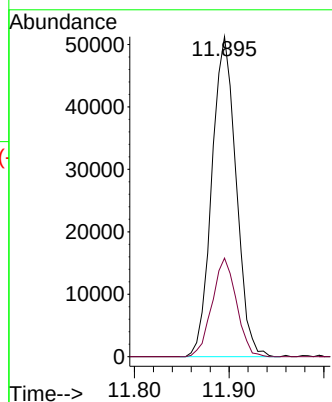
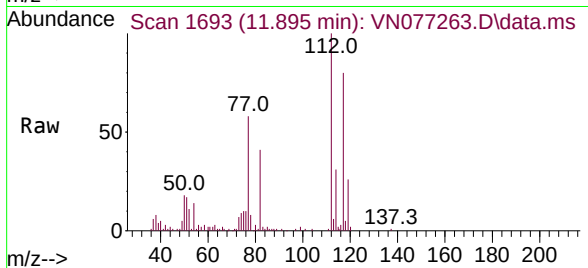
#65
Chlorobenzene
Concen: 4.922 ug/l
RT: 11.895 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 91035
Ion Ratio Lower Upper
112 100
114 30.8 24.6 36.8

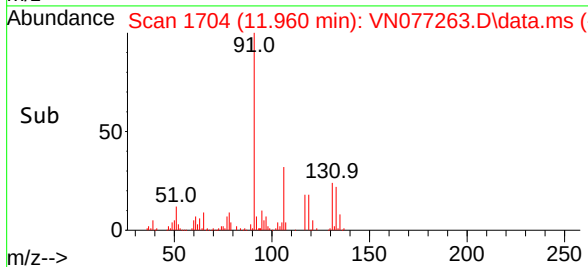
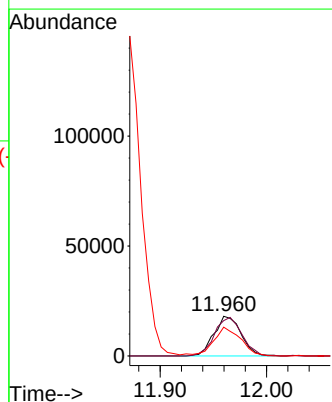
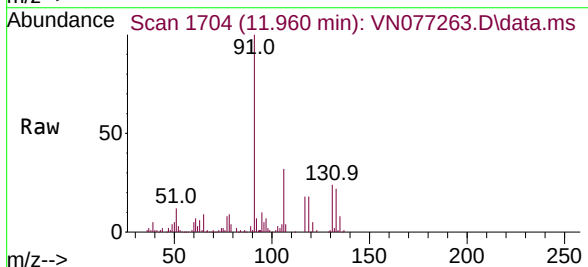
Manual Integrations
APPROVED

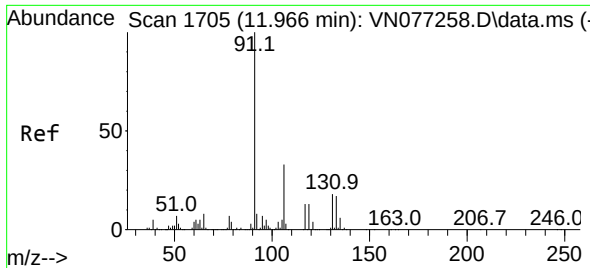
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.659 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

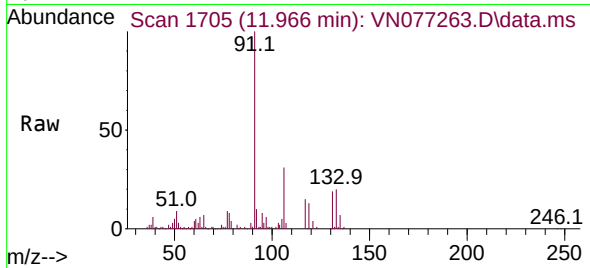
Tgt Ion:131 Resp: 31878
Ion Ratio Lower Upper
131 100
133 99.0 46.9 140.6
119 71.5 34.0 102.0





#67
Ethyl Benzene
Concen: 4.687 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

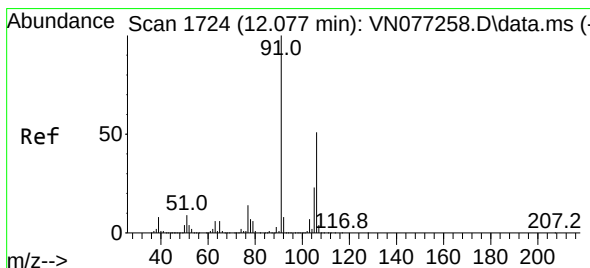
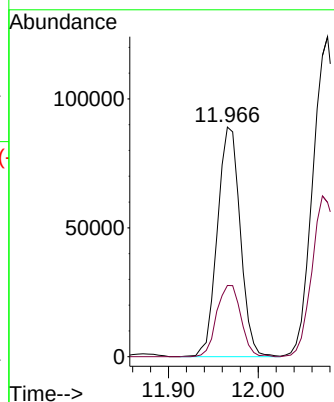
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 157763
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.2

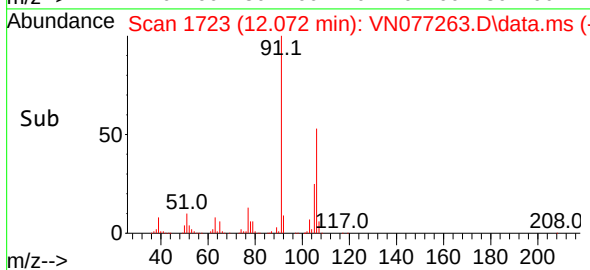
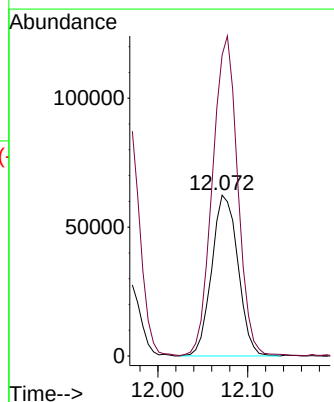
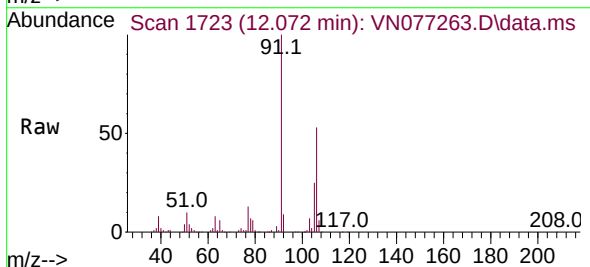
Manual Integrations
APPROVED

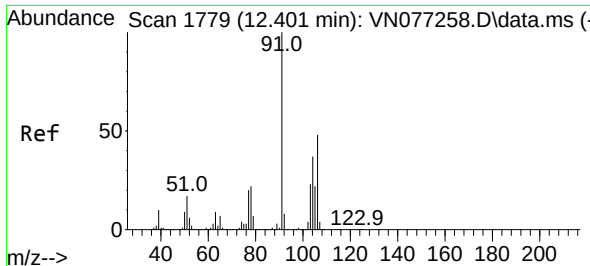
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#68
m/p-Xylenes
Concen: 9.732 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion:106 Resp: 126703
Ion Ratio Lower Upper
106 100
91 191.0 158.7 238.1





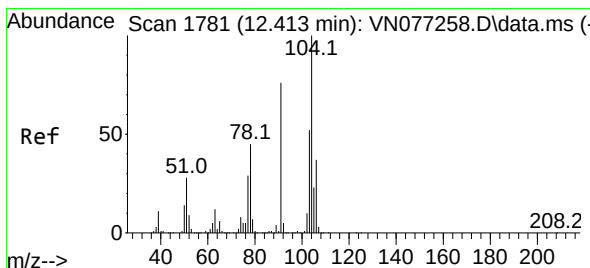
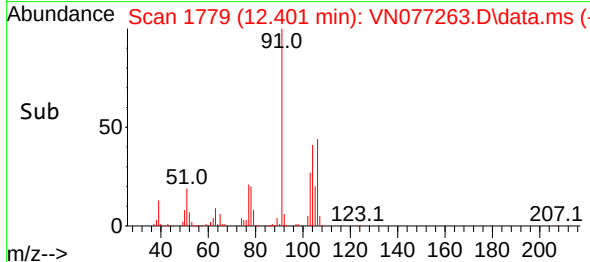
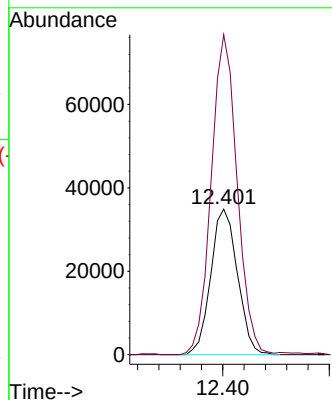
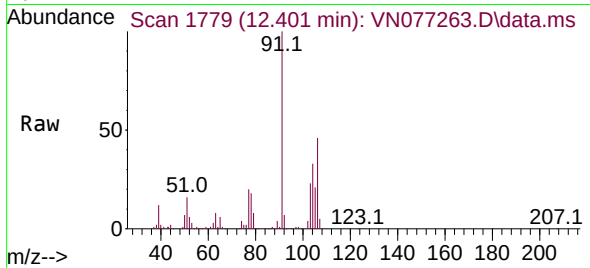
#69
o-Xylene
Concen: 4.575 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 60700
Ion Ratio Lower Upper
106 100
91 215.1 104.0 312.0

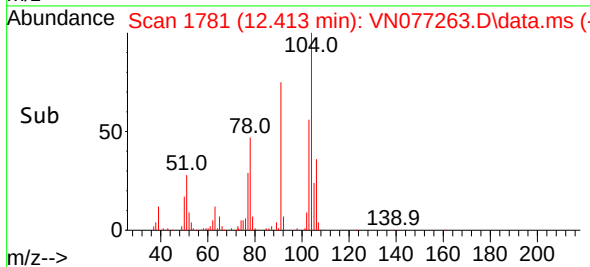
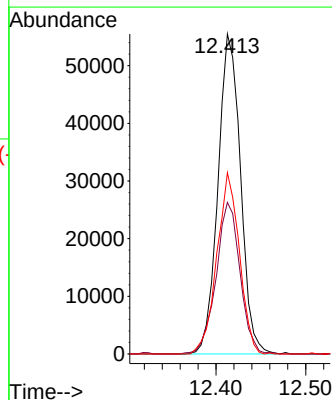
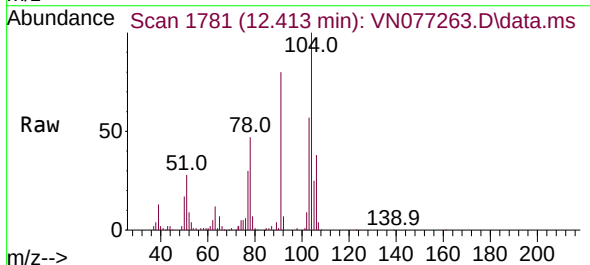
Manual Integrations
APPROVED

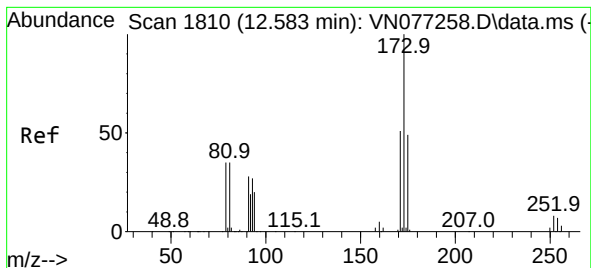
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#70
Styrene
Concen: 4.652 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion:104 Resp: 96777
Ion Ratio Lower Upper
104 100
78 50.3 38.0 57.0
103 56.5 43.1 64.7





#71

Bromoform

Concen: 4.552 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

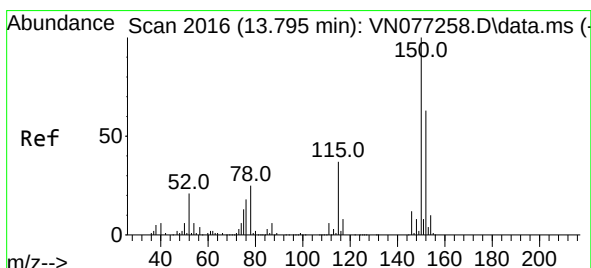
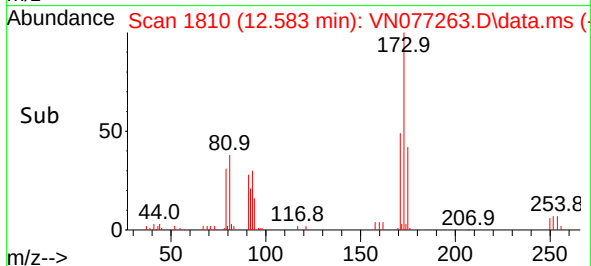
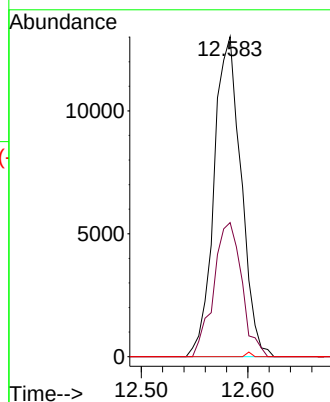
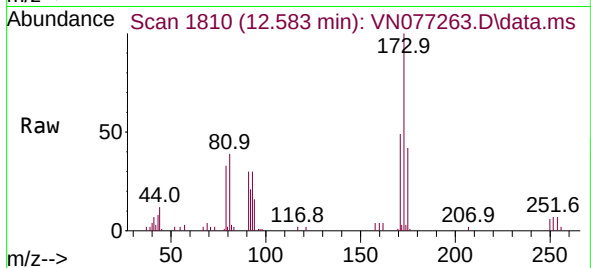
Tgt Ion:173 Resp: 22919
 Ion Ratio Lower Upper
 173 100
 175 43.5 24.1 72.4
 254 0.3 0.1 0.1

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

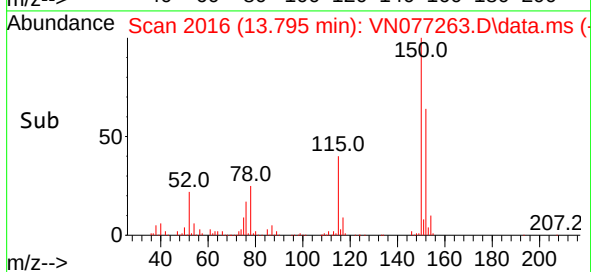
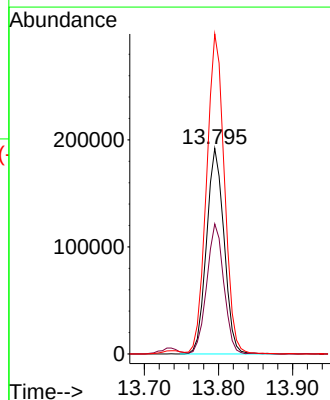
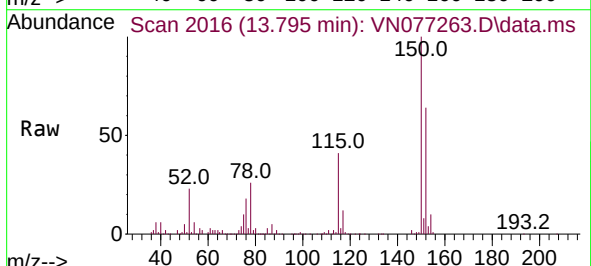
RT: 13.795 min Scan# 2016

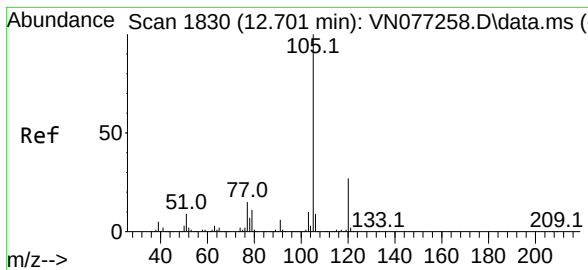
Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Tgt Ion:152 Resp: 315407
 Ion Ratio Lower Upper
 152 100
 115 60.9 32.1 96.3
 150 158.6 0.0 354.8





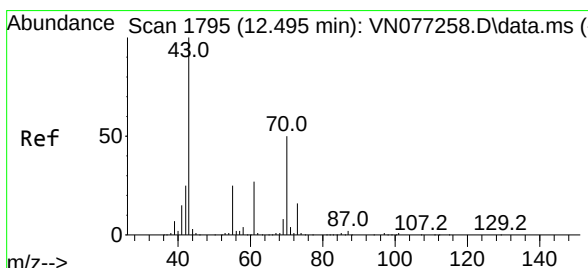
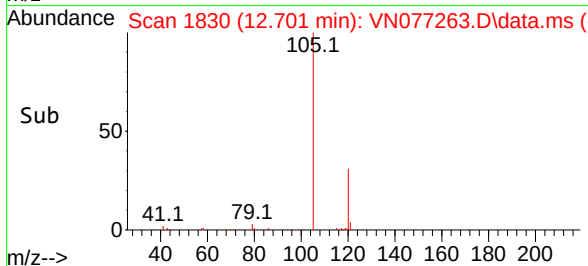
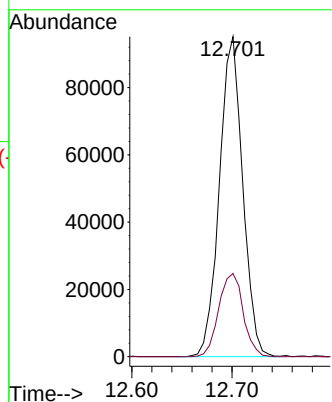
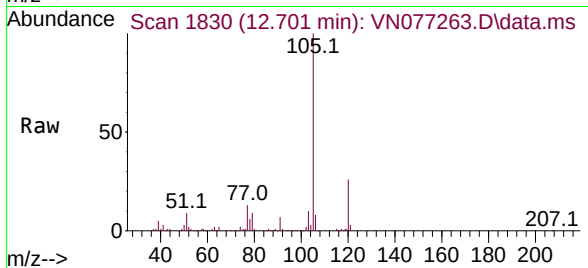
#73
Isopropylbenzene
Concen: 5.033 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 153480
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.6

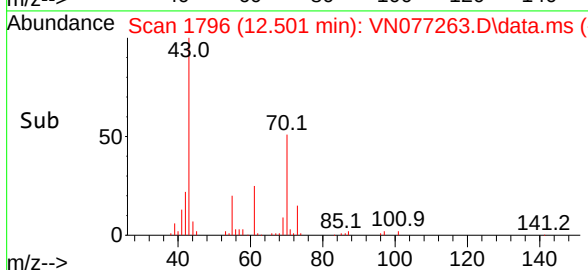
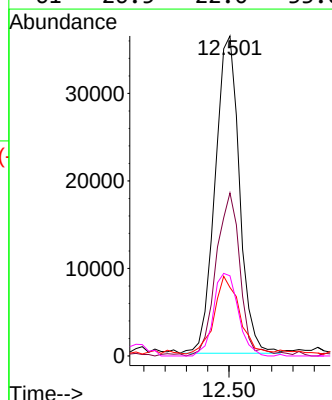
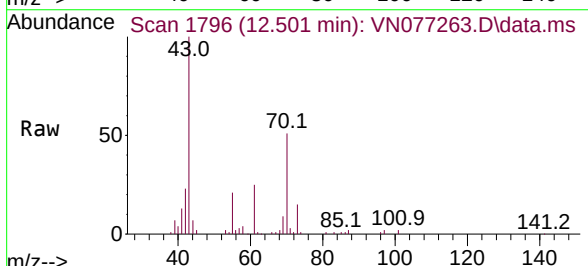
Manual Integrations
APPROVED

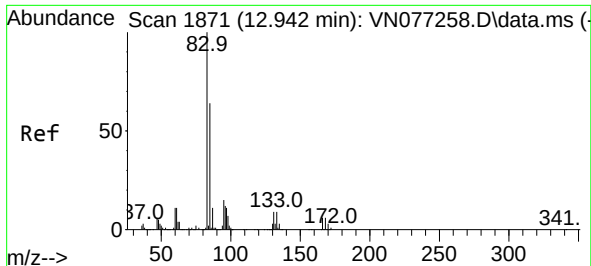
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#74
N-ethyl acetate
Concen: 5.090 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

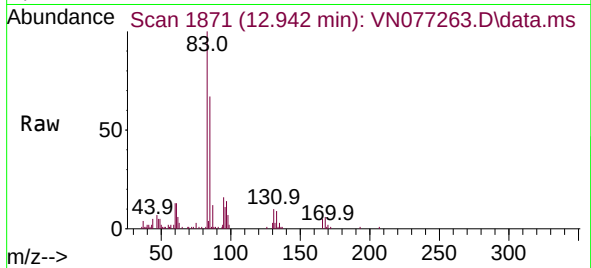
Tgt Ion: 43 Resp: 57483
Ion Ratio Lower Upper
43 100
70 50.8 41.0 61.6
55 25.3 19.3 28.9
61 26.5 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 5.004 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

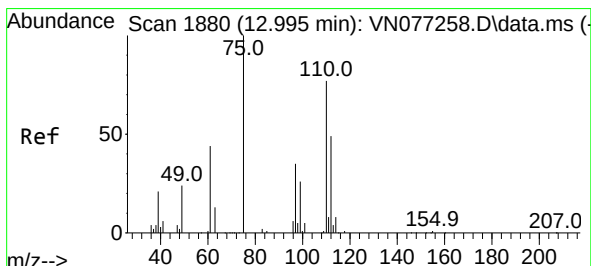
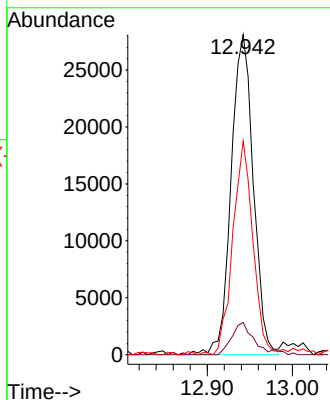
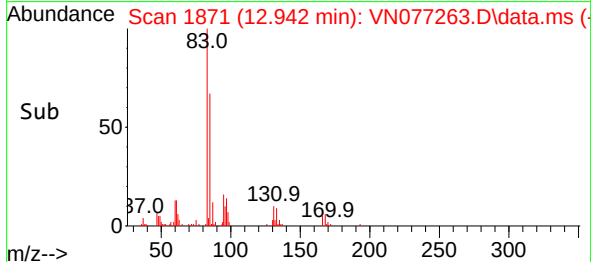
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 50930
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.6
85 60.3 32.1 96.3

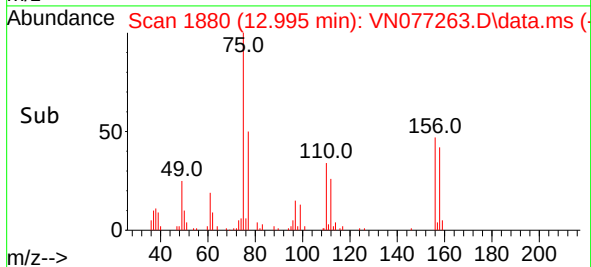
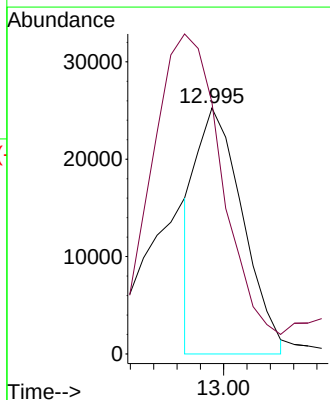
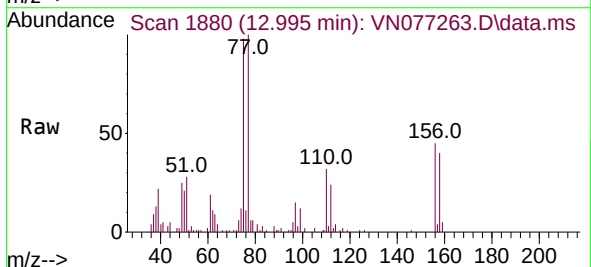
Manual Integrations
APPROVED

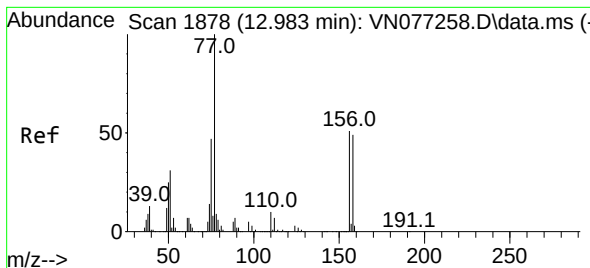
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#76
1,2,3-Trichloropropane
Concen: 4.435 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 75 Resp: 35018
Ion Ratio Lower Upper
75 100
77 204.5 88.3 264.9





#77

Bromobenzene

Concen: 5.255 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

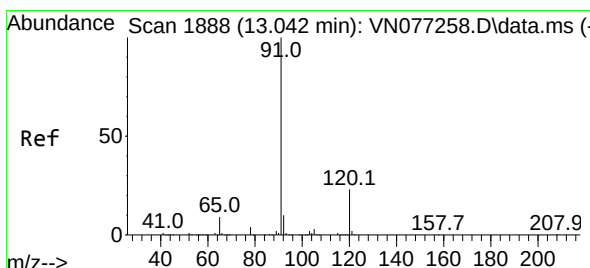
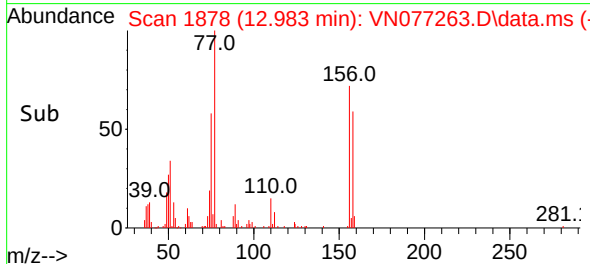
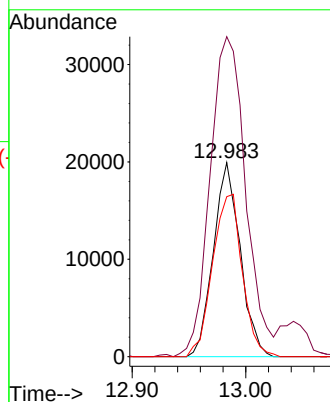
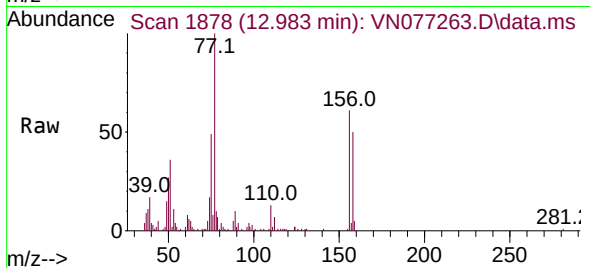
Tgt Ion:156 Resp: 3270
 Ion Ratio Lower Upper
 156 100
 77 219.0 115.3 345.8
 158 92.7 49.3 147.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#78

n-propylbenzene

Concen: 4.905 ug/l

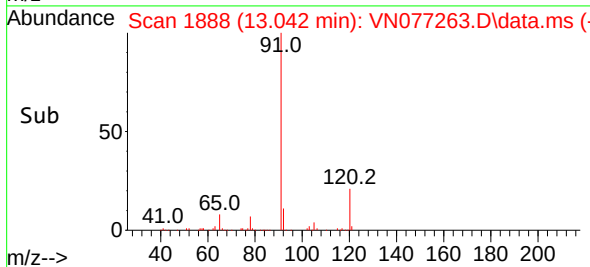
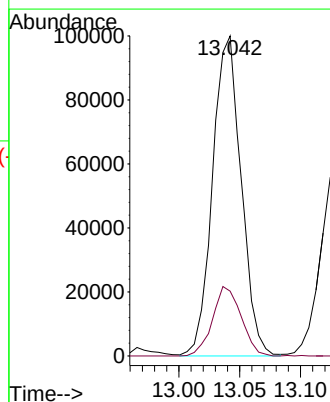
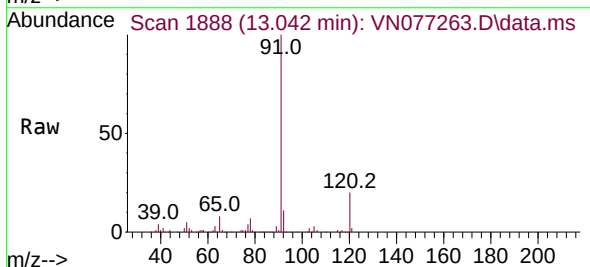
RT: 13.042 min Scan# 1888

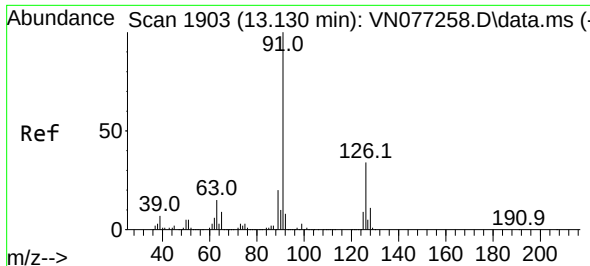
Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Tgt Ion: 91 Resp: 163617
 Ion Ratio Lower Upper
 91 100
 120 21.6 11.5 34.5





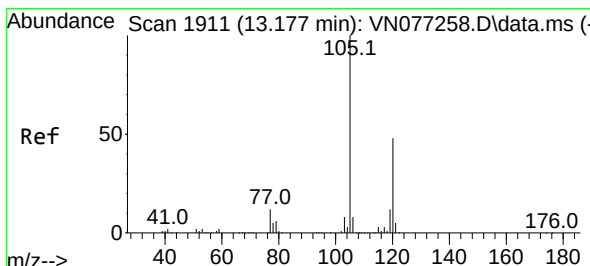
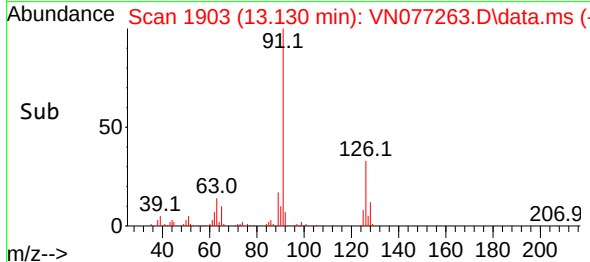
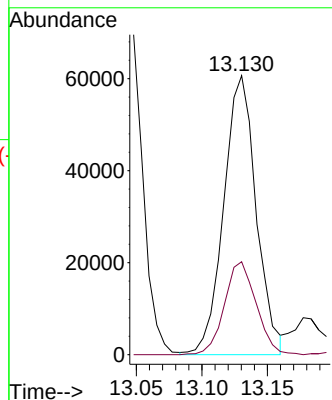
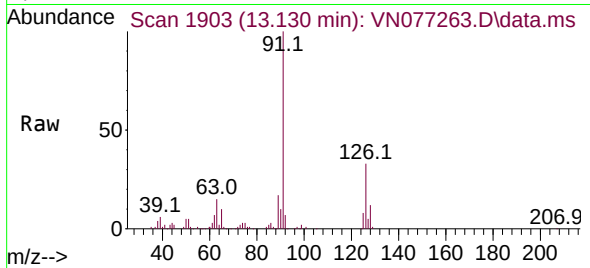
#79
2-Chlorotoluene
Concen: 5.101 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 10446
Ion Ratio Lower Upper
91 100
126 32.6 16.8 50.4

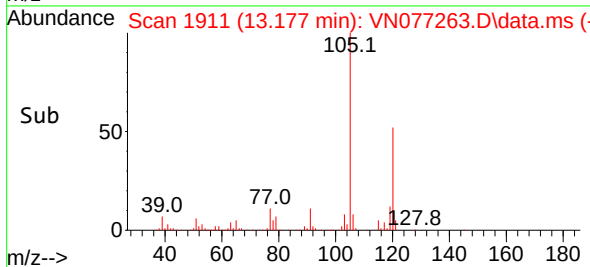
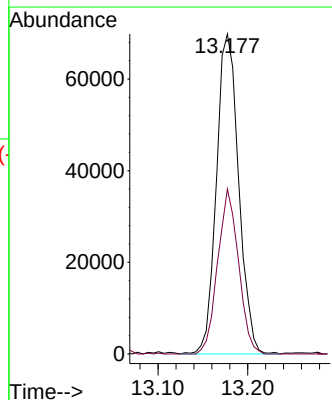
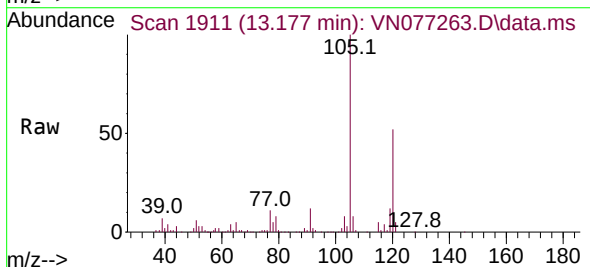
Manual Integrations
APPROVED

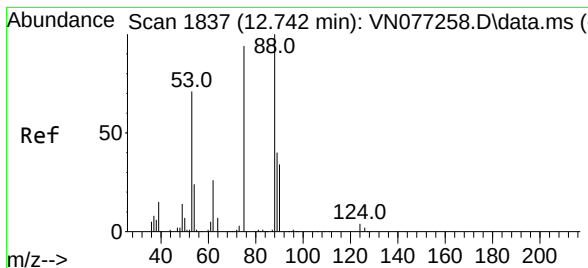
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.944 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion:105 Resp: 120192
Ion Ratio Lower Upper
105 100
120 48.3 24.3 73.0





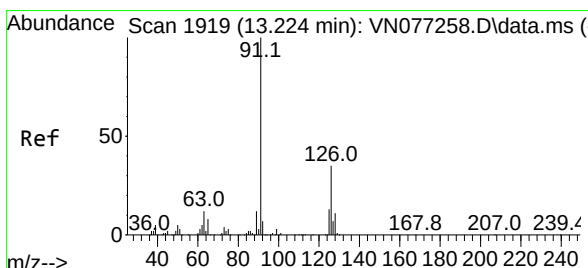
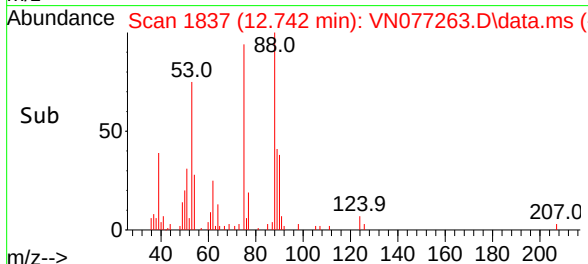
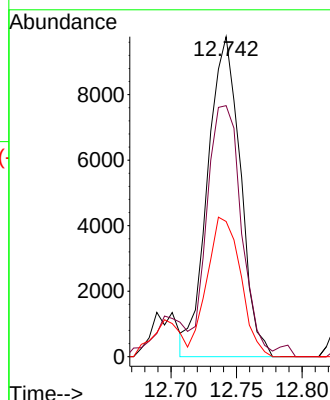
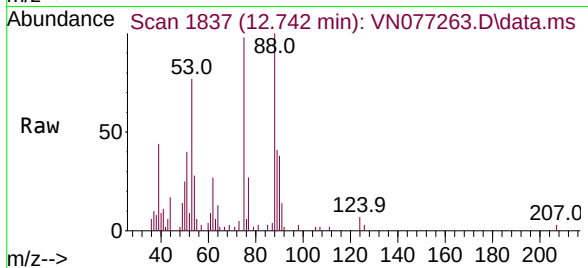
#81
trans-1,4-Dichloro-2-butene
Concen: 5.216 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 75 Resp: 1698
Ion Ratio Lower Upper
75 100
53 79.2 72.8 109.2
89 44.7 37.4 56.2

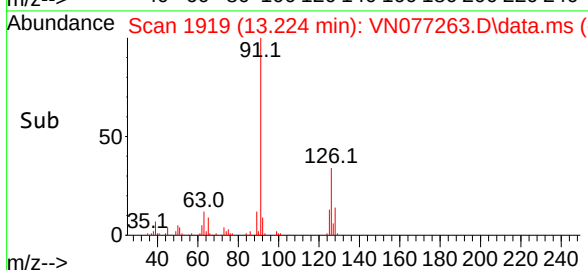
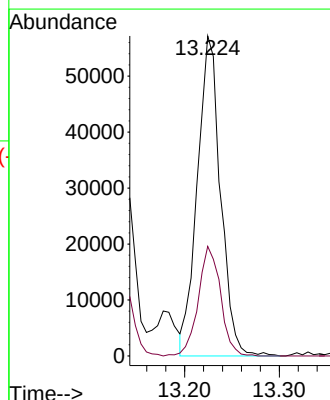
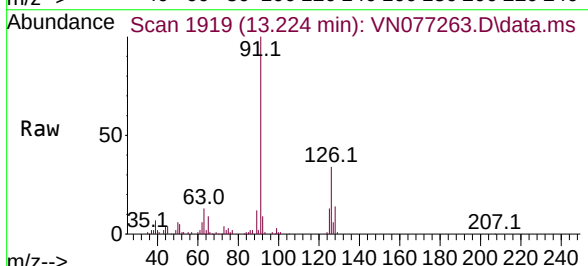
Manual Integrations
APPROVED

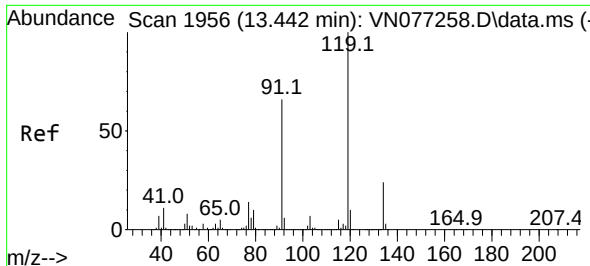
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#82
4-Chlorotoluene
Concen: 5.178 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 91 Resp: 97343
Ion Ratio Lower Upper
91 100
126 32.9 16.9 50.7





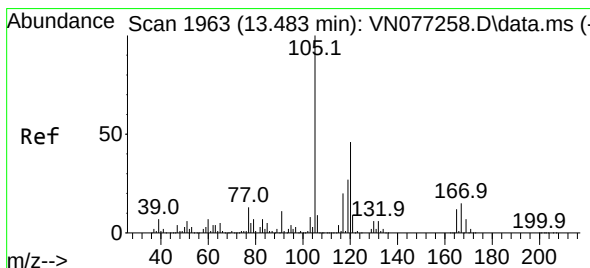
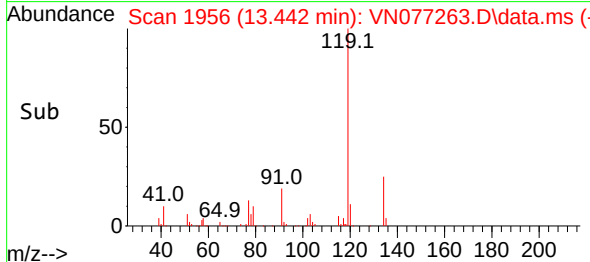
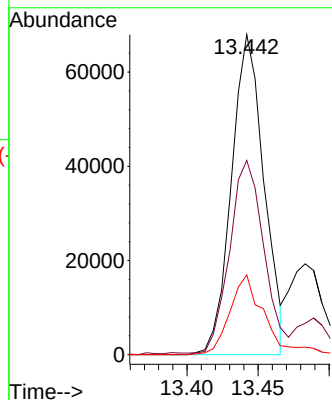
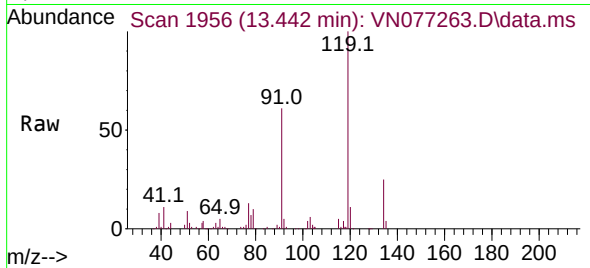
#83
tert-Butylbenzene
Concen: 4.925 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 108225
Ion Ratio Lower Upper
119 100
91 65.3 33.5 100.4
134 26.6 13.3 39.9

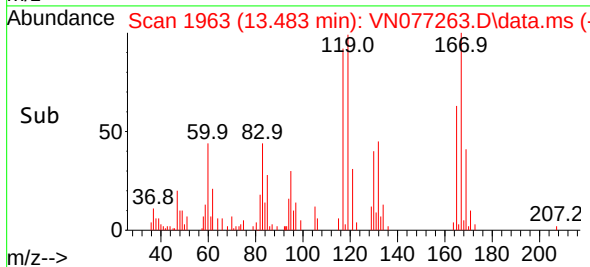
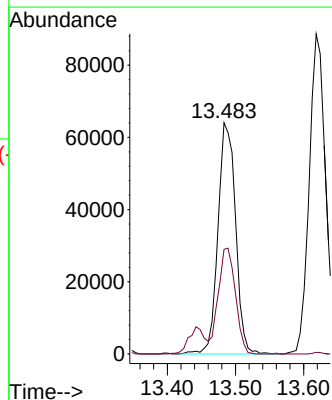
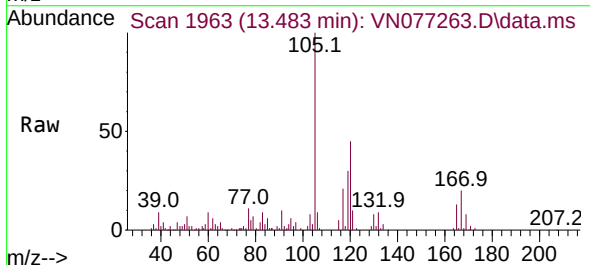
Manual Integrations
APPROVED

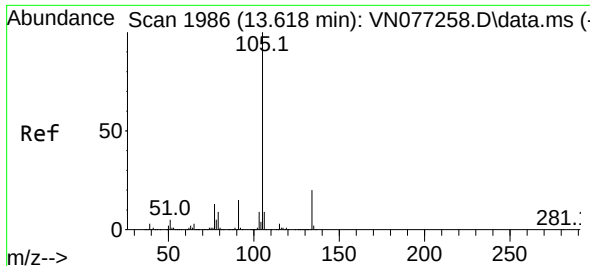
Reviewed By :John Carbone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.882 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

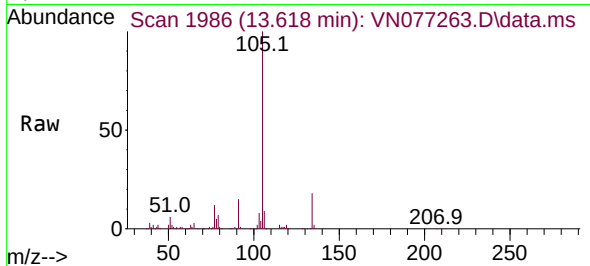
Tgt Ion:105 Resp: 115078
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 4.847 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

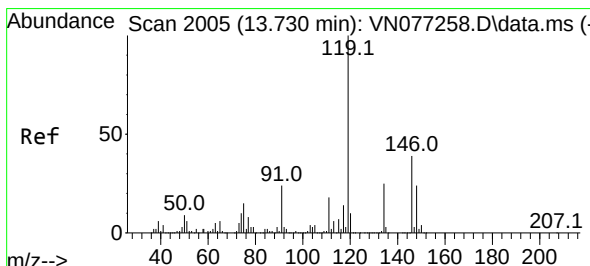
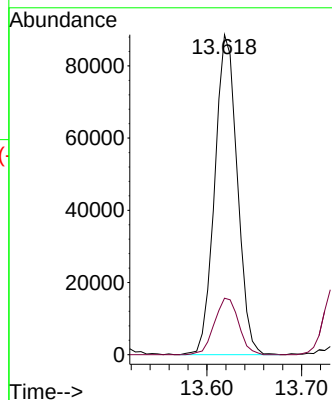
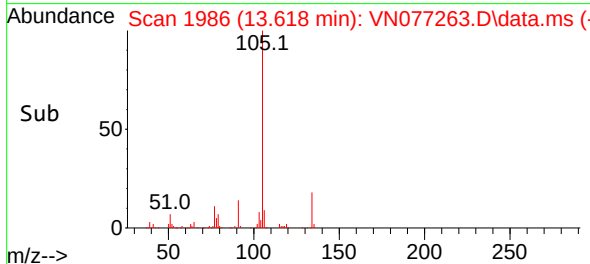
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



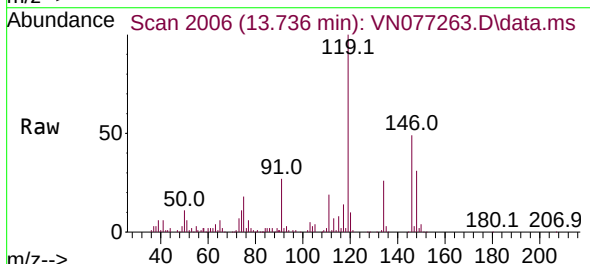
Tgt Ion:105 Resp: 146670
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations
 APPROVED

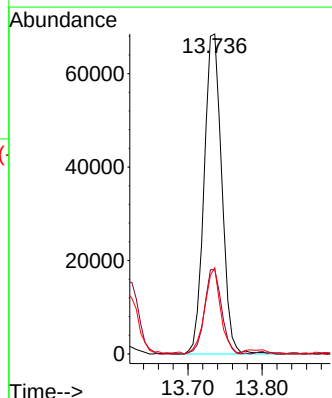
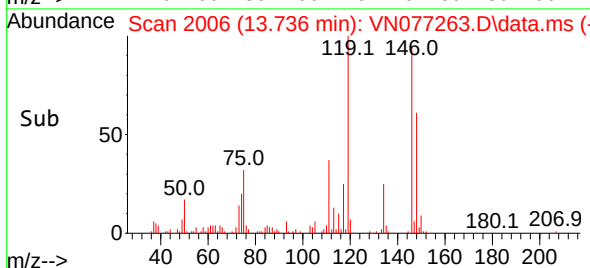
Reviewed By :John Carlone 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

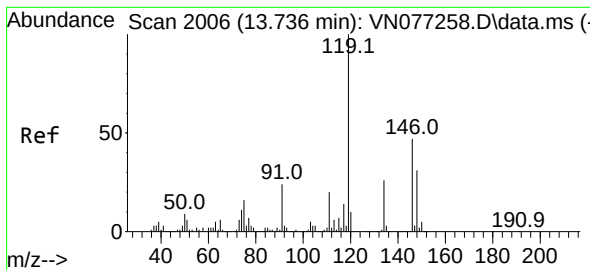


#86
 p-Isopropyltoluene
 Concen: 4.770 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29



Tgt Ion:119 Resp: 113044
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 4.971 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

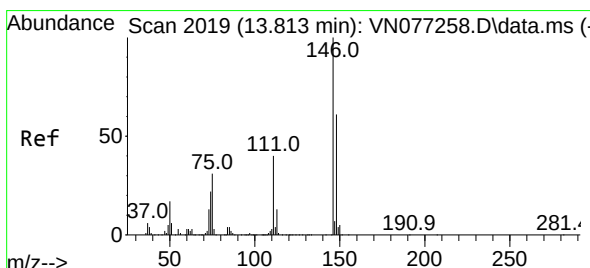
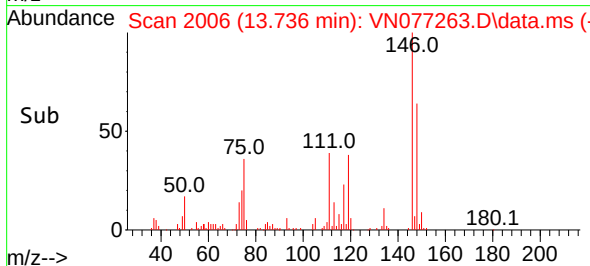
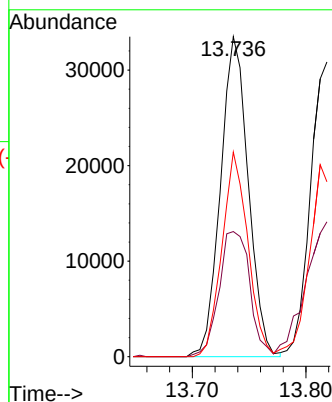
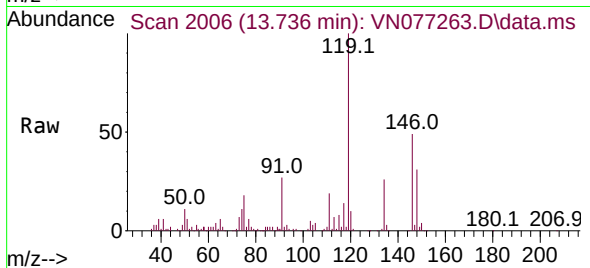
Tgt Ion:	146	Resp:	5678
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.8	65.4
148	59.8	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#88

1,4-Dichlorobenzene

Concen: 4.719 ug/l

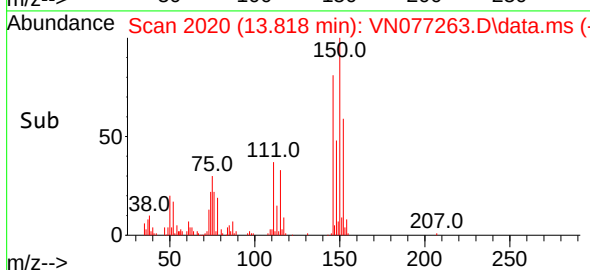
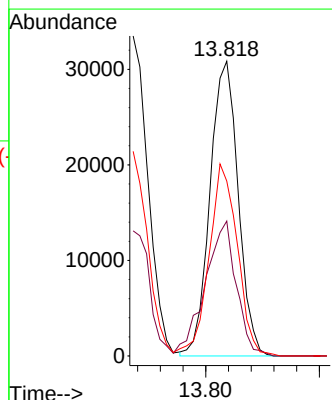
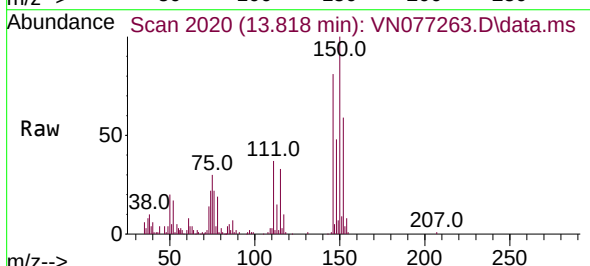
RT: 13.818 min Scan# 2020

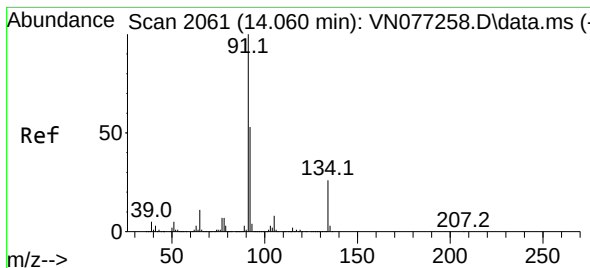
Delta R.T. 0.005 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Tgt Ion:	146	Resp:	53097
Ion Ratio	Lower	Upper	
146	100		
111	50.7	20.4	61.2
148	65.7	31.6	95.0





#89

n-Butylbenzene

Concen: 4.683 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

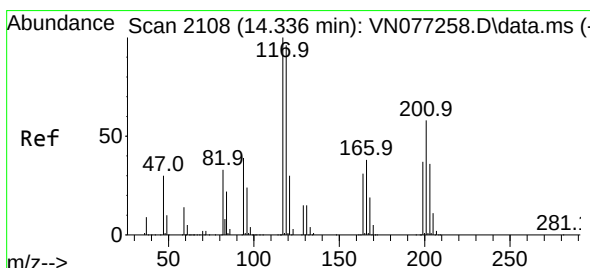
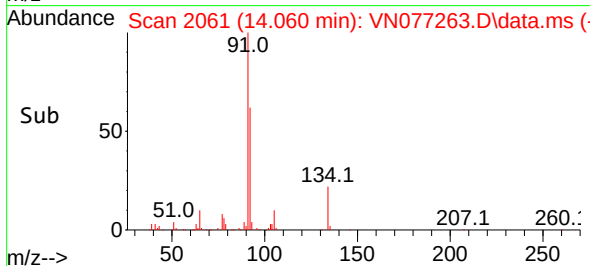
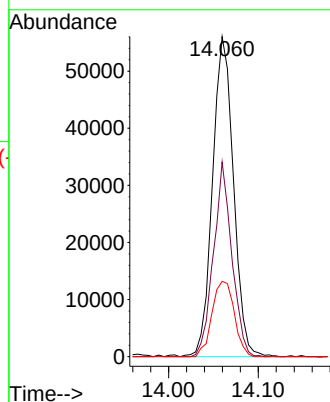
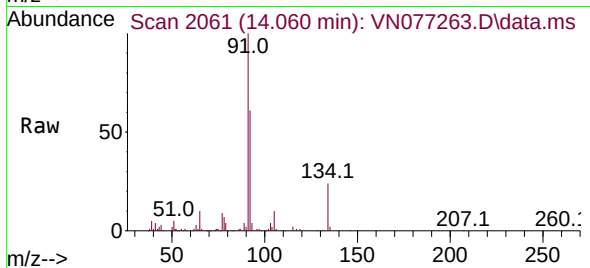
Tgt Ion:	91	Resp:	9079
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.0
134	25.1	12.8	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#90

Hexachloroethane

Concen: 4.886 ug/l

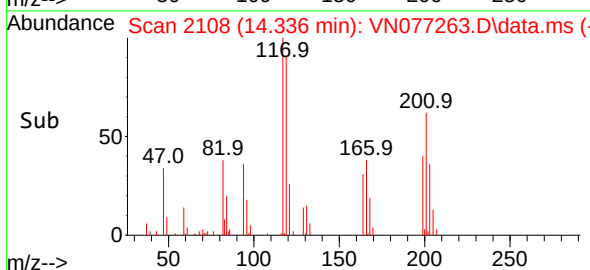
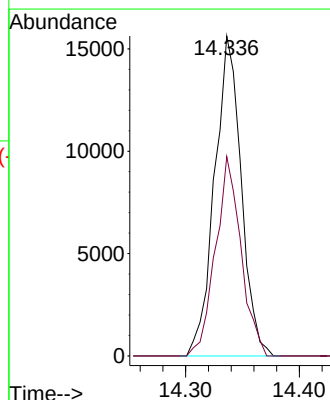
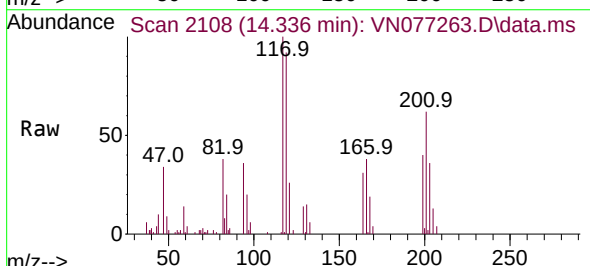
RT: 14.336 min Scan# 2108

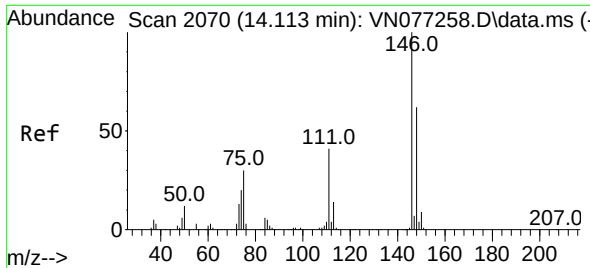
Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Tgt Ion:	117	Resp:	25452
Ion	Ratio	Lower	Upper
117	100		
201	59.7	29.8	89.5





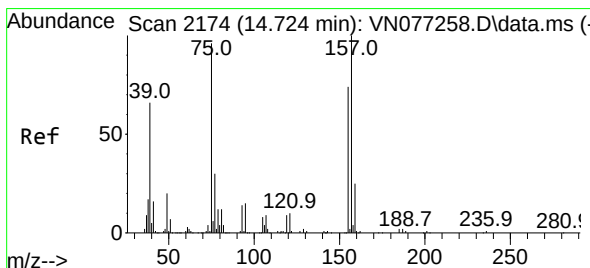
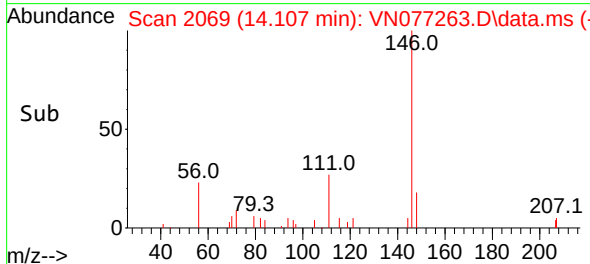
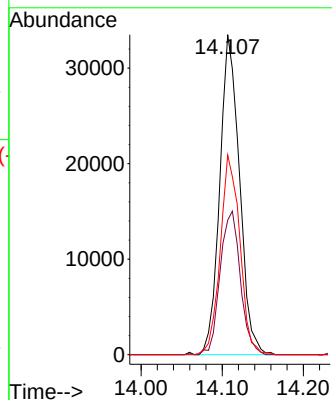
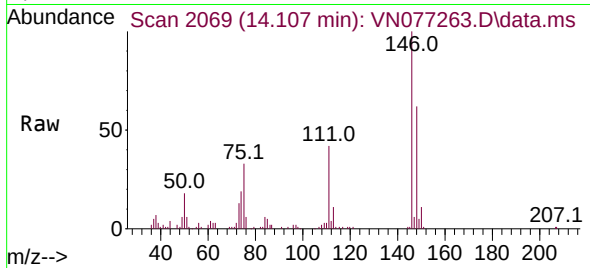
#91
1,2-Dichlorobenzene
Concen: 4.985 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 56674
Ion Ratio Lower Upper
146 100
111 46.1 21.9 65.5
148 61.9 31.9 95.5

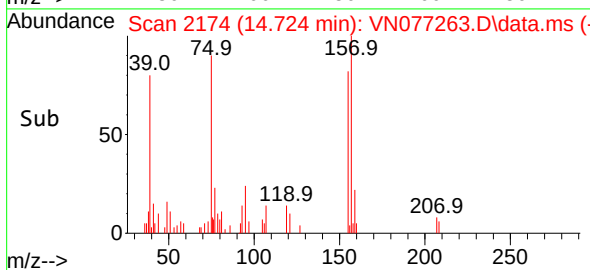
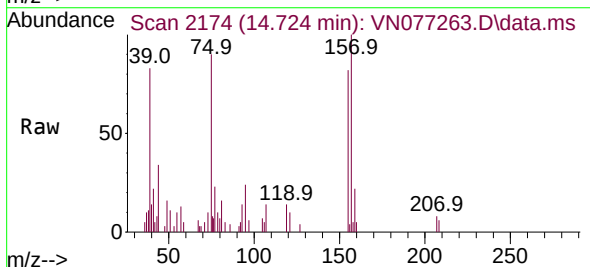
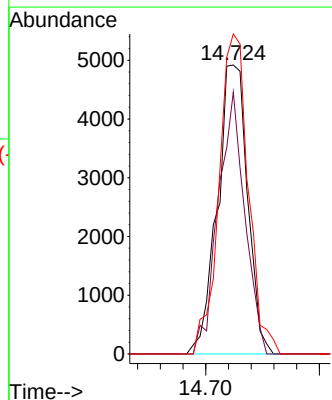
Manual Integrations
APPROVED

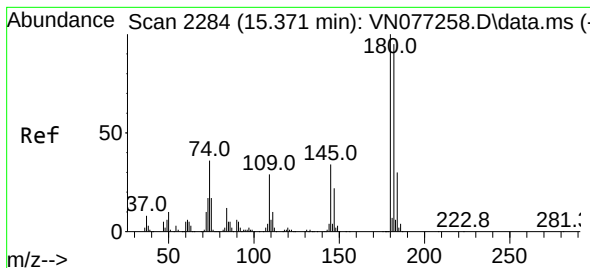
Reviewed By :John Carlone 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.001 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

Tgt Ion: 75 Resp: 9074
Ion Ratio Lower Upper
75 100
155 80.1 41.0 123.2
157 107.6 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 3.907 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

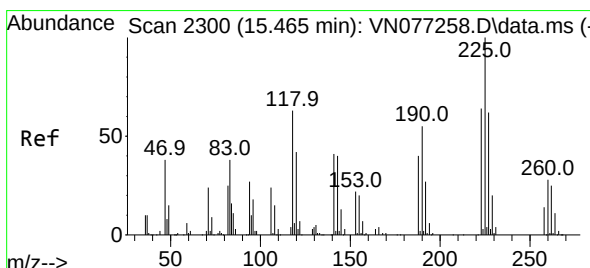
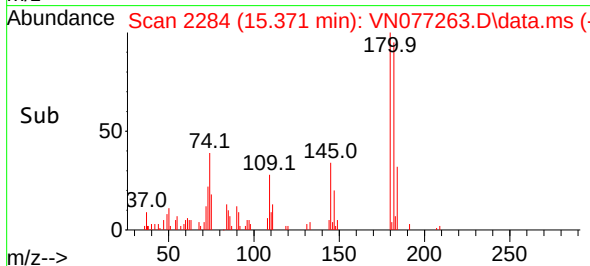
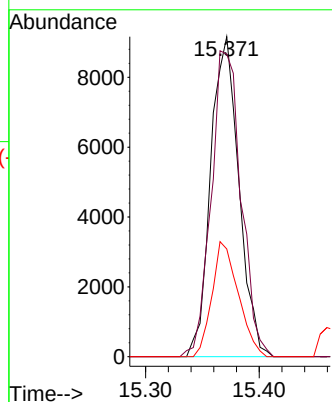
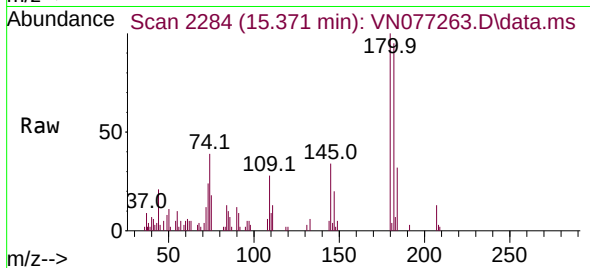
Tgt Ion:180	Resp:	1579
Ion Ratio	Lower	Upper
180	100	
182	101.2	46.7 140.0
145	33.6	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#94

Hexachlorobutadiene

Concen: 5.291 ug/l

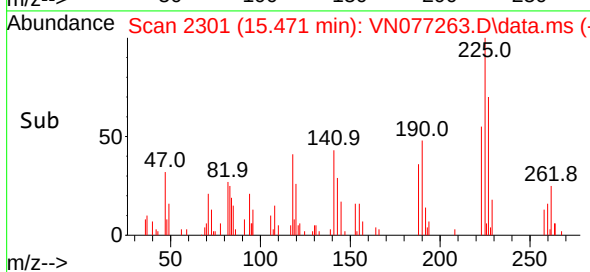
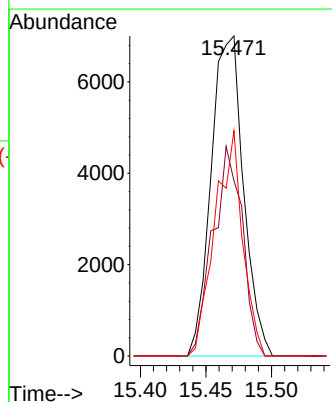
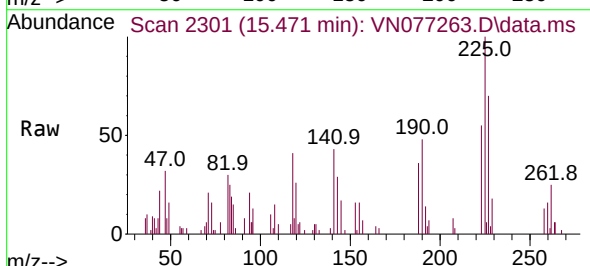
RT: 15.471 min Scan# 2301

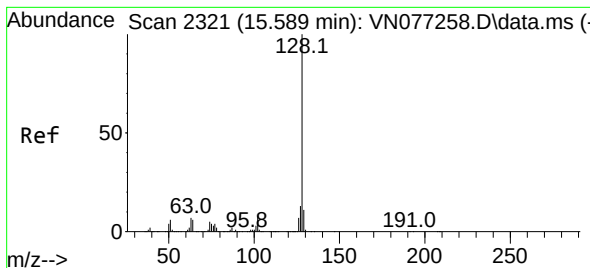
Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Tgt Ion:225	Resp:	12029
Ion Ratio	Lower	Upper
225	100	
223	59.5	31.7 95.1
227	60.0	31.2 93.6





#95

Naphthalene

Concen: 4.010 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

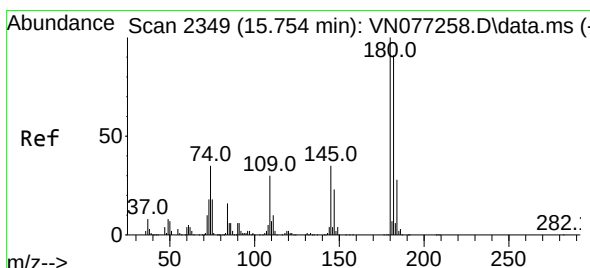
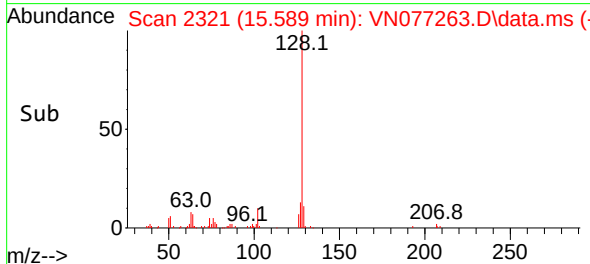
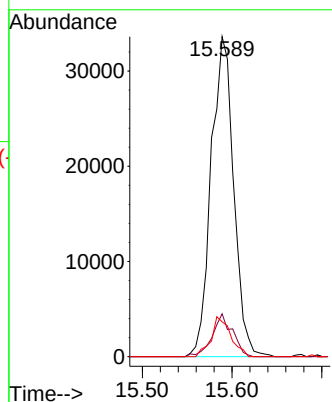
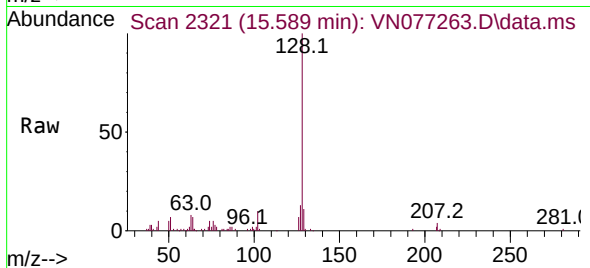
Tgt Ion:128	Resp:	5866
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.2 15.4
129	10.8	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#96

1,2,3-Trichlorobenzene

Concen: 3.858 ug/l

RT: 15.760 min Scan# 2350

Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Tgt Ion:180	Resp:	15224
Ion Ratio	Lower	Upper
180	100	
182	89.1	46.9 140.8
145	34.7	17.6 52.8

