

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 06 09:29:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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	5.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.720%#
35) Dibromofluoromethane	8.166	113	32570	5.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.840%#
50) Toluene-d8	10.572	98	128179	5.296	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.600%#
62) 4-Bromofluorobenzene	12.848	95	42598	5.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.580%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	26597	4.303	ug/l	97
3) Chloromethane	2.372	50	37459	4.891	ug/l	91
4) Vinyl Chloride	2.525	62	53384	5.141	ug/l	97
5) Bromomethane	2.943	94	43568	5.787	ug/l	90
6) Chloroethane	3.119	64	35237	4.755	ug/l	91
7) Trichlorofluoromethane	3.496	101	44008	4.888	ug/l	85
8) Diethyl Ether	3.972	74	18251	4.837	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.378	101	26776	4.859	ug/l #	83
10) Methyl Iodide	4.596	142	27784	4.146	ug/l #	89
11) Tert butyl alcohol	5.537	59	34723	25.713	ug/l	99
12) 1,1-Dichloroethene	4.343	96	28408	5.008	ug/l	86
13) Acrolein	4.184	56	35918	28.083	ug/l	88
14) Allyl chloride	5.031	41	41566	4.852	ug/l	97
15) Acrylonitrile	5.731	53	70442	23.595	ug/l	97
16) Acetone	4.443	43	55195	22.620	ug/l	100
17) Carbon Disulfide	4.725	76	78914	5.159	ug/l	98
18) Methyl Acetate	5.037	43	47725	5.135	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	96375	4.788	ug/l	93
20) Methylene Chloride	5.290	84	35524	5.155	ug/l #	89
21) trans-1,2-Dichloroethene	5.795	96	30446	4.902	ug/l	88
22) Diisopropyl ether	6.684	45	80300	4.675	ug/l #	94
23) Vinyl Acetate	6.613	43	279076	24.031	ug/l	99
24) 1,1-Dichloroethane	6.572	63	54891	4.949	ug/l	97
25) 2-Butanone	7.495	43	95779	24.185	ug/l	99
26) 2,2-Dichloropropane	7.501	77	49093	4.827	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	35436	4.672	ug/l	96
28) Bromochloromethane	7.819	49	23548	5.278	ug/l	98
29) Tetrahydrofuran	7.848	42	64406	25.300	ug/l	94
30) Chloroform	7.972	83	58004	4.904	ug/l	88
31) Cyclohexane	8.266	56	56410	5.485	ug/l	94
32) 1,1,1-Trichloroethane	8.178	97	51766	4.812	ug/l	91
36) 1,1-Dichloropropene	8.378	75	42745	4.807	ug/l	100
37) Ethyl Acetate	7.566	43	37253	4.682	ug/l #	90
38) Carbon Tetrachloride	8.366	117	42855	4.704	ug/l	89
39) Methylcyclohexane	9.601	83	56285	4.694	ug/l	93
40) Benzene	8.613	78	131280	4.733	ug/l	100

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 ClientSampleId :
 VSTDICC005

Quant Time: Apr 06 09:29:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	19921	4.658	ug/l	93
42) 1,2-Dichloroethane	8.678	62	40089	4.696	ug/l	90
43) Isopropyl Acetate	8.695	43	69439	4.730	ug/l	97
44) Trichloroethene	9.360	130	32275	4.863	ug/l	89
45) 1,2-Dichloropropane	9.625	63	32955	5.003	ug/l	94
46) Dibromomethane	9.713	93	24803	4.998	ug/l	98
47) Bromodichloromethane	9.895	83	48255	4.865	ug/l	99
48) Methyl methacrylate	9.683	41	29945	4.782	ug/l	98
49) 1,4-Dioxane	9.701	88	14681	96.693	ug/l #	92
51) 4-Methyl-2-Pentanone	10.448	43	202888	23.910	ug/l	100
52) Toluene	10.636	92	88341	4.866	ug/l	94
53) t-1,3-Dichloropropene	10.836	75	51633	4.793	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	54824	4.778	ug/l	97
55) 1,1,2-Trichloroethane	11.025	97	32586	4.573	ug/l	92
56) Ethyl methacrylate	10.877	69	51794	4.666	ug/l	96
57) 1,3-Dichloropropane	11.166	76	56164	4.770	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.166	63	78745	23.832	ug/l	97
59) 2-Hexanone	11.201	43	150759	23.848	ug/l	98
60) Dibromochloromethane	11.360	129	33850	4.612	ug/l	98
61) 1,2-Dibromoethane	11.472	107	33493	4.709	ug/l	97
64) Tetrachloroethene	11.101	164	24426	4.746	ug/l	90
65) Chlorobenzene	11.895	112	91035	4.964	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	31878	4.594	ug/l	95
67) Ethyl Benzene	11.966	91	157761	4.661	ug/l	97
68) m/p-Xylenes	12.072	106	126703	9.528	ug/l	95
69) o-Xylene	12.401	106	60700	4.627	ug/l	95
70) Styrene	12.413	104	96777	4.584	ug/l	96
71) Bromoform	12.583	173	22919	4.692	ug/l #	93
73) Isopropylbenzene	12.701	105	153480	5.010	ug/l	98
74) N-amyl acetate	12.501	43	57483	4.951	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	50930	5.297	ug/l	95
76) 1,2,3-Trichloropropane	12.995	75	59018	7.858	ug/l	61
77) Bromobenzene	12.983	156	32701	5.250	ug/l	93
78) n-propylbenzene	13.042	91	163617	4.834	ug/l	97
79) 2-Chlorotoluene	13.130	91	104467	5.125	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	120192	4.912	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	16982	5.088	ug/l	91
82) 4-Chlorotoluene	13.224	91	97343	5.065	ug/l	98
83) tert-Butylbenzene	13.442	119	108225	4.969	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	115078	4.761	ug/l	100
85) sec-Butylbenzene	13.618	105	146670	4.832	ug/l	99
86) p-Isopropyltoluene	13.736	119	113044	4.739	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	56787	4.928	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	53097	4.672	ug/l	92
89) n-Butylbenzene	14.060	91	90797	4.585	ug/l	99
90) Hexachloroethane	14.336	117	25452	4.880	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	56674	4.916	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9074	4.980	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	15795	3.795	ug/l	94
94) Hexachlorobutadiene	15.471	225	12029	4.993	ug/l	96
95) Naphthalene	15.589	128	58669	3.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	15224	3.824	ug/l	96

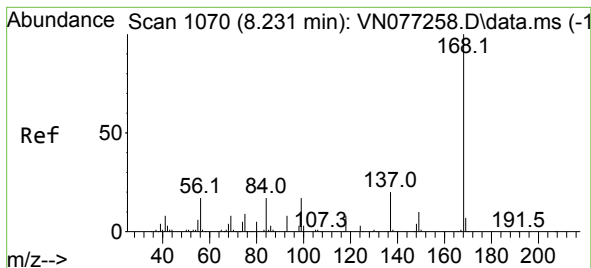
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 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# 1

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

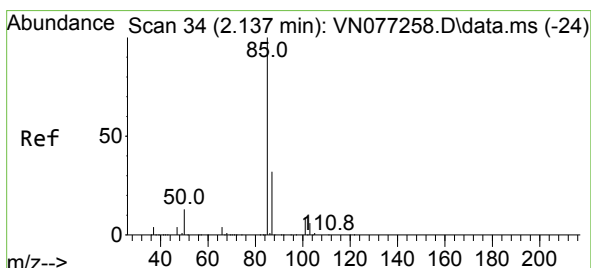
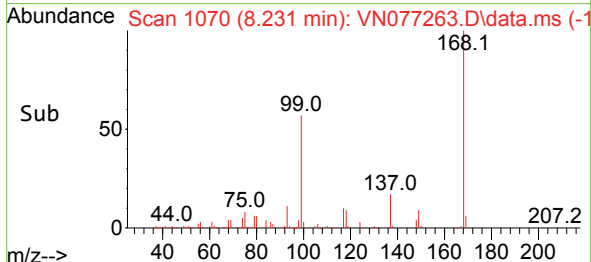
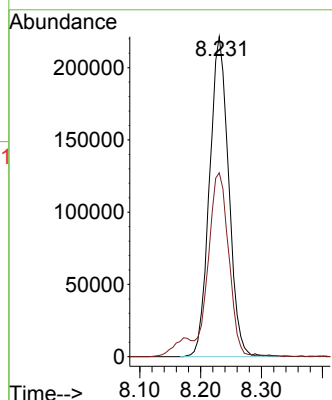
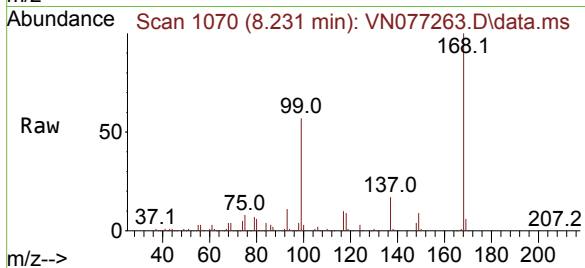
VSTDIC005

Tgt Ion:168 Resp: 484226

Ion Ratio Lower Upper

168 100

99 57.2 50.6 75.8



#2

Dichlorodifluoromethane

Concen: 4.303 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077263.D

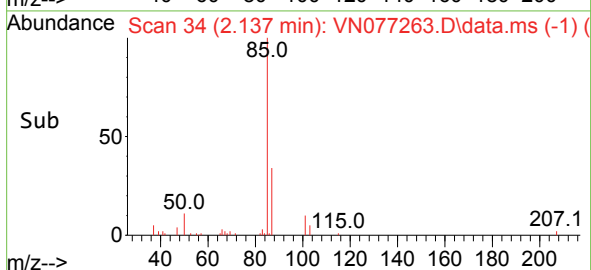
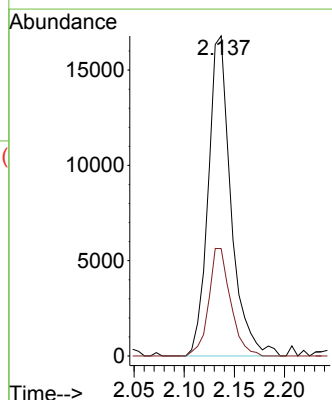
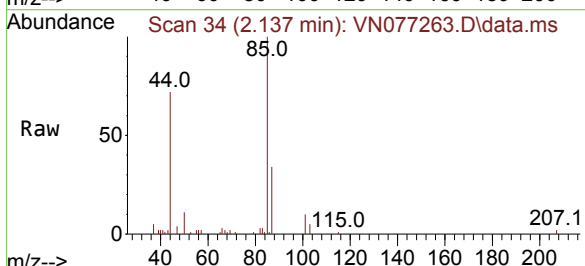
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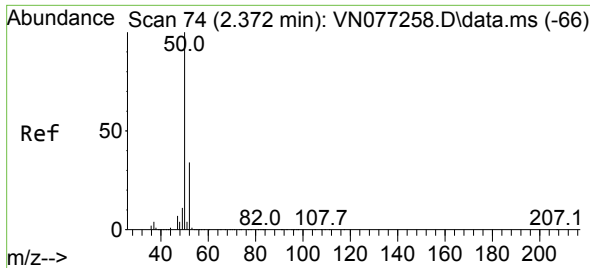
Tgt Ion: 85 Resp: 26597

Ion Ratio Lower Upper

85 100

87 33.6 16.1 48.2

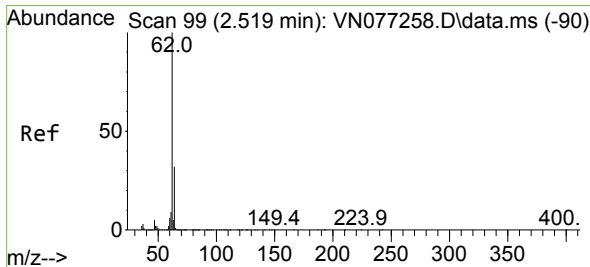
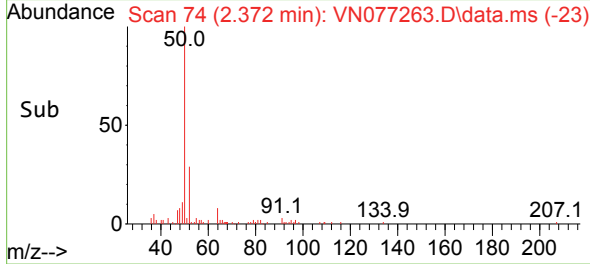
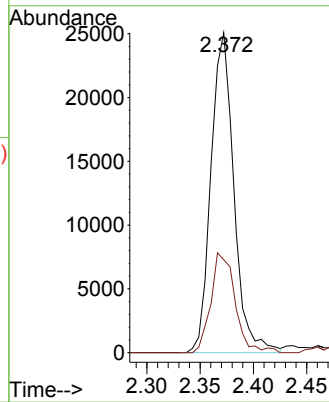
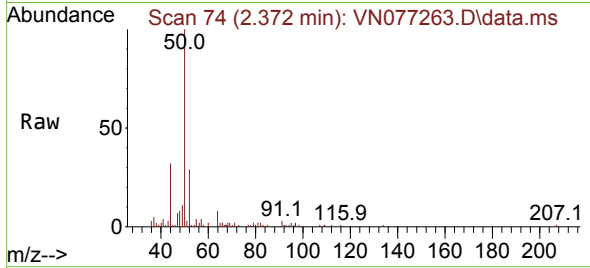




#3
Chloromethane
Concen: 4.891 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

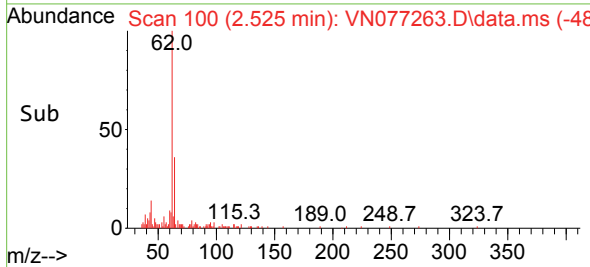
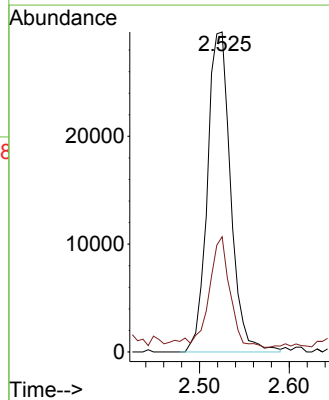
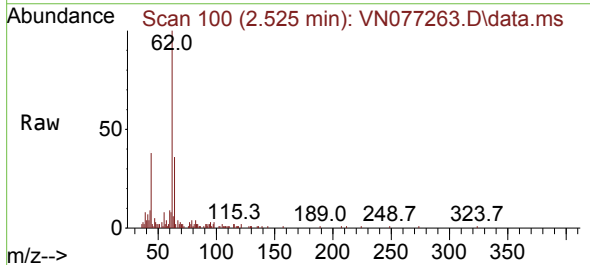
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

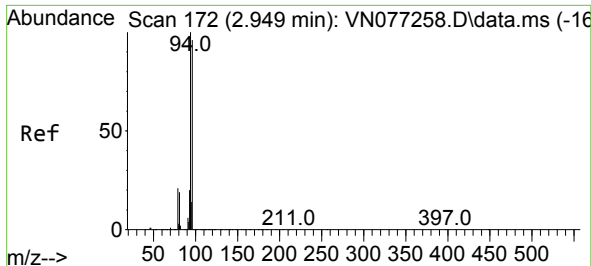
Tgt Ion: 50 Resp: 37459
Ion Ratio Lower Upper
50 100
52 29.1 27.3 40.9



#4
Vinyl Chloride
Concen: 5.141 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

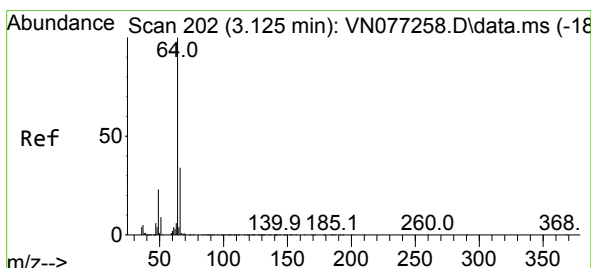
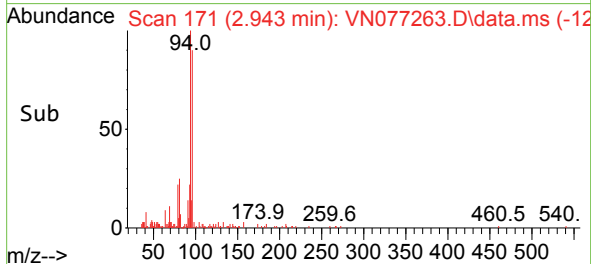
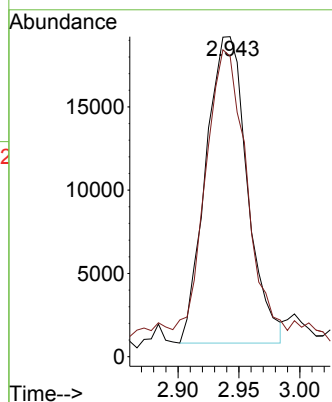
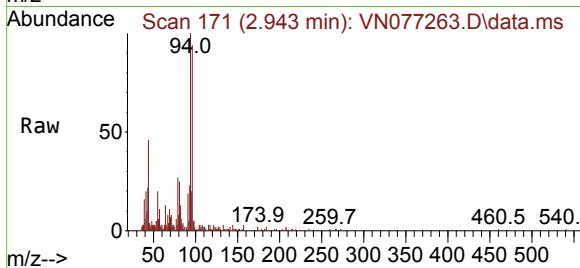




#5
Bromomethane
Concen: 5.787 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

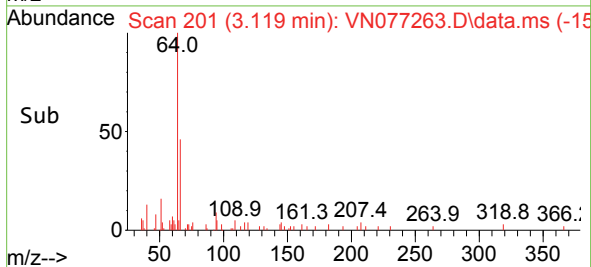
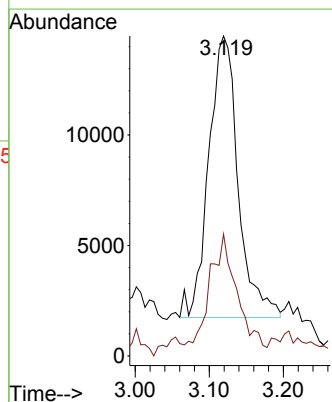
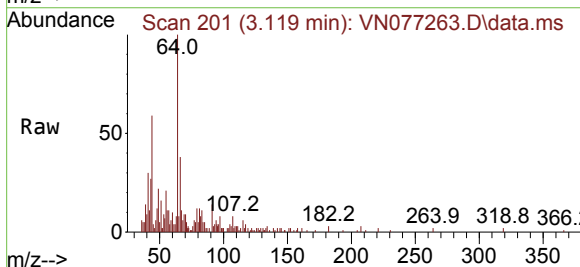
Instrument :
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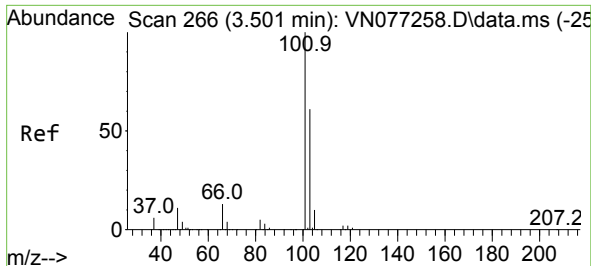
Tgt Ion: 94 Resp: 43568
Ion Ratio Lower Upper
94 100
96 86.1 77.0 115.4



#6
Chloroethane
Concen: 4.755 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

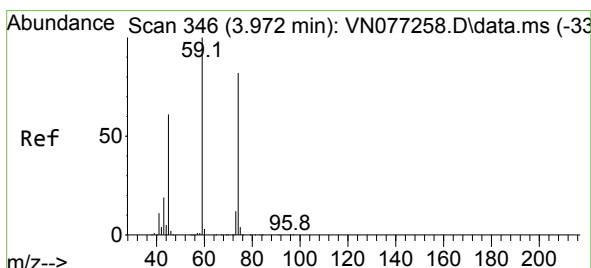
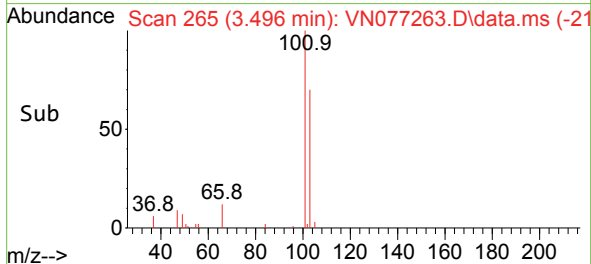
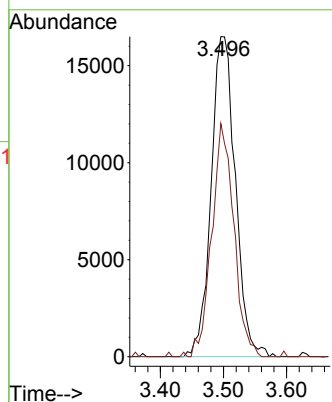
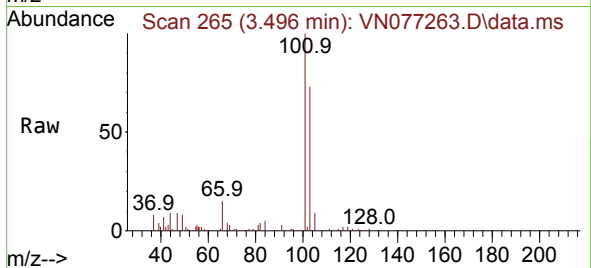




#7
Trichlorofluoromethane
Concen: 4.888 ug/l
RT: 3.496 min Scan# 265
Delta R.T. -0.005 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

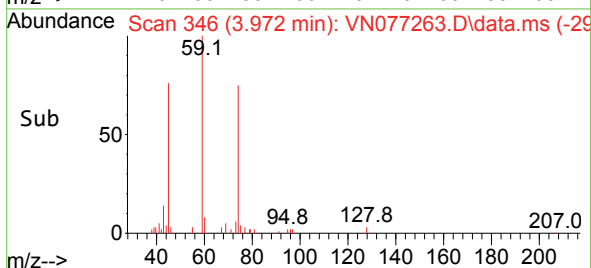
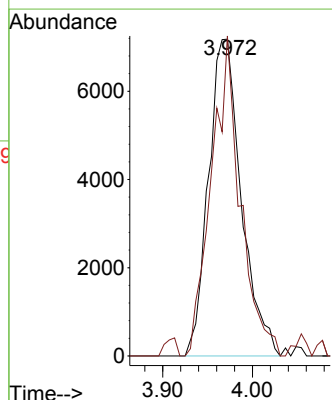
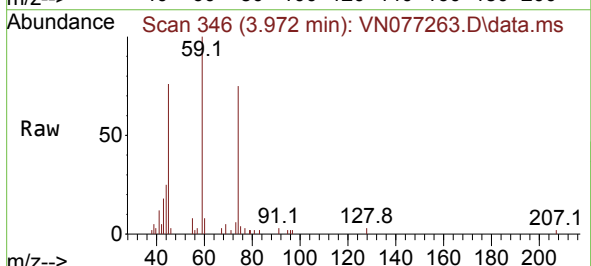
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MSVOA_N
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VSTDICC005

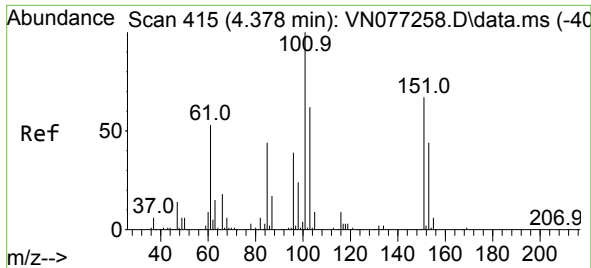
Tgt Ion:101 Resp: 44008
Ion Ratio Lower Upper
101 100
103 72.9 49.0 73.4



#8
Diethyl Ether
Concen: 4.837 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

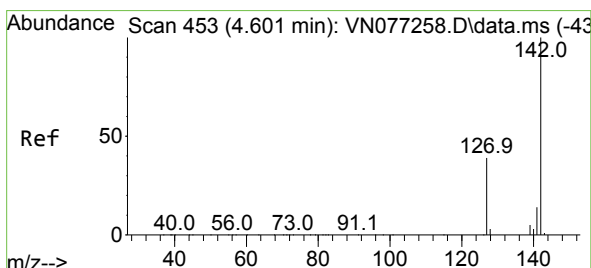
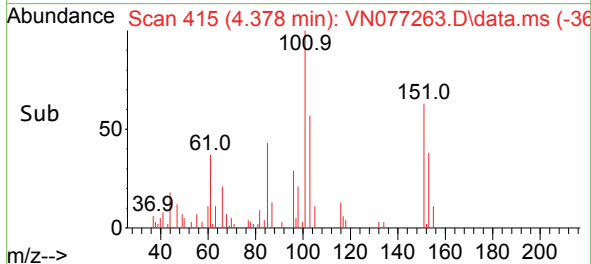
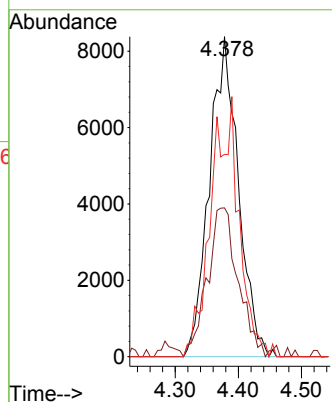
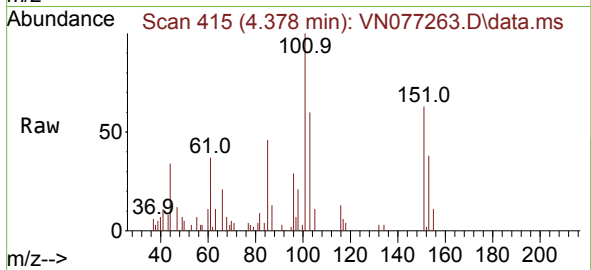




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.859 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

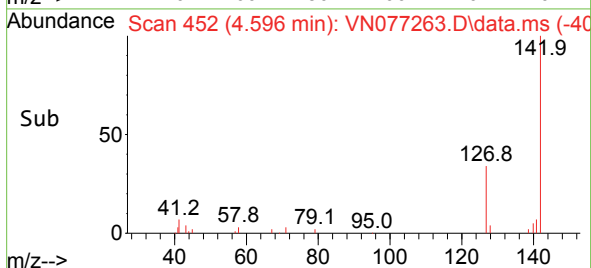
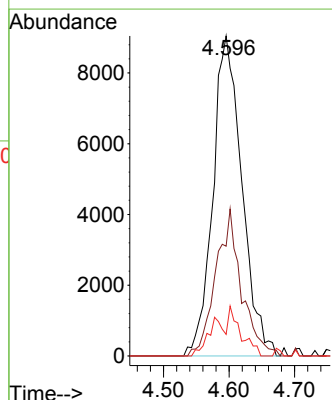
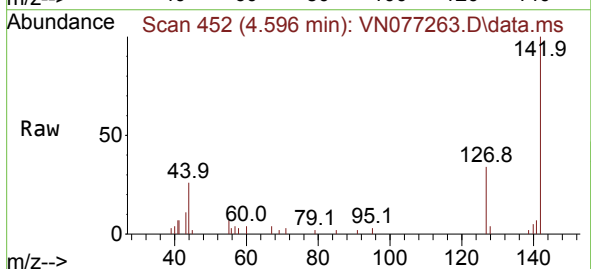
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

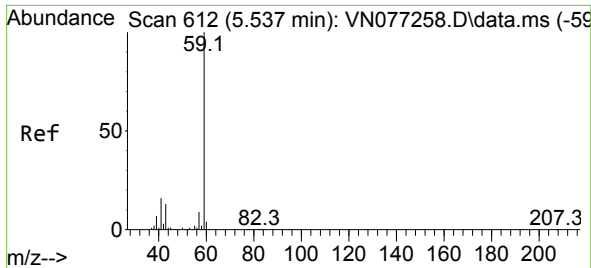
Tgt Ion:101 Resp: 26776
Ion Ratio Lower Upper
101 100
85 49.2 37.3 55.9
151 49.2 56.3 84.5#



#10
Methyl Iodide
Concen: 4.146 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#

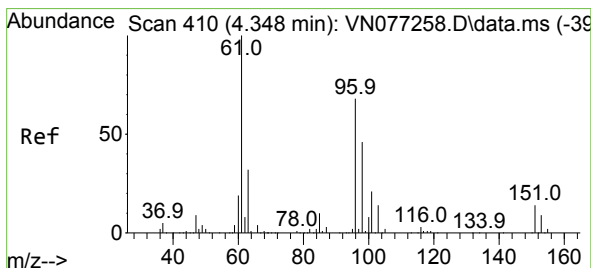
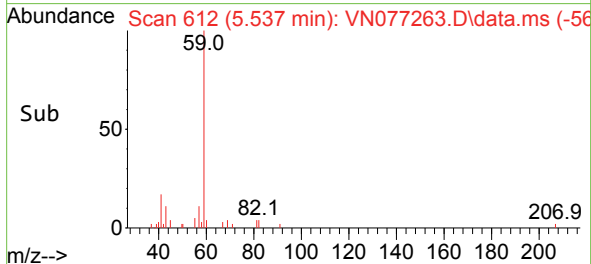
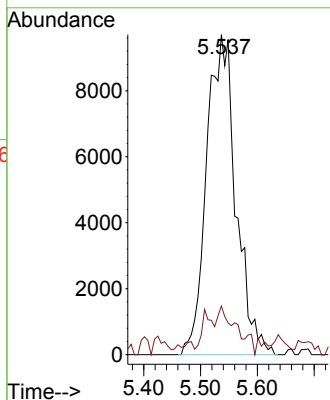
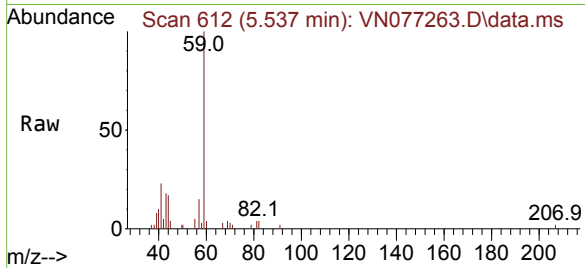




#11
Tert butyl alcohol
Concen: 25.713 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

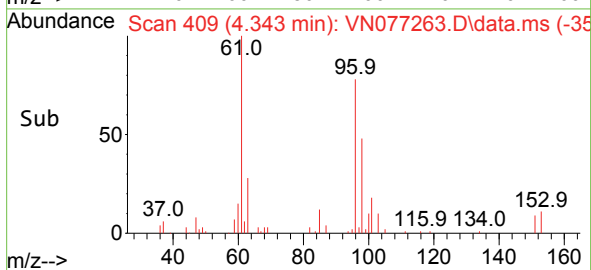
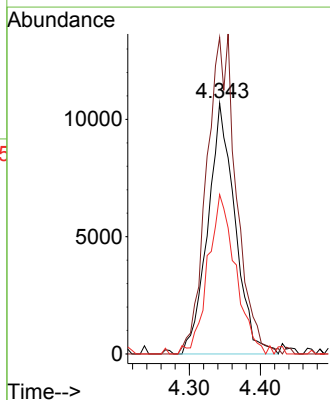
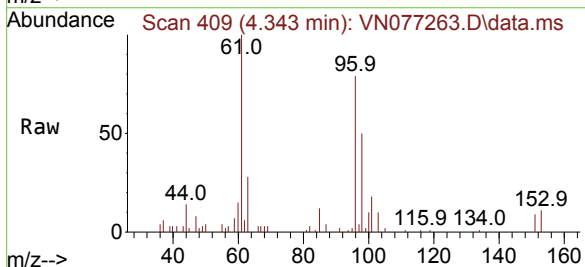
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

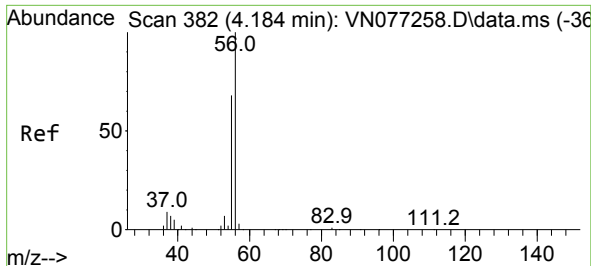
Tgt Ion: 59 Resp: 34723
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 5.008 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.005 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: 28.083 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 :

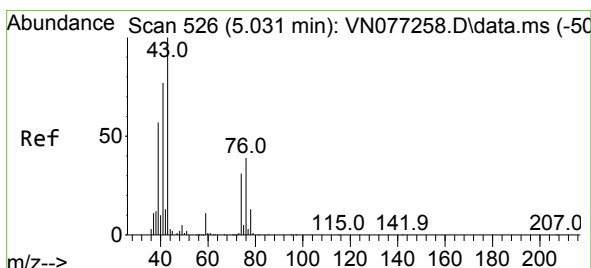
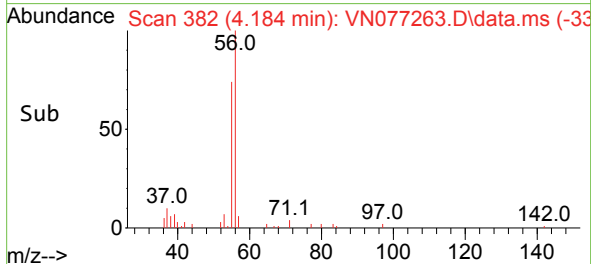
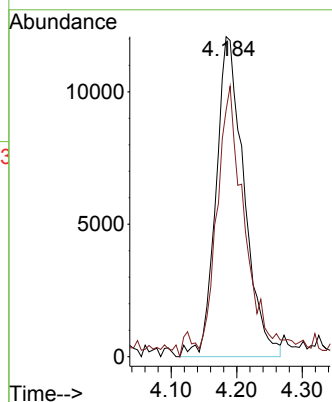
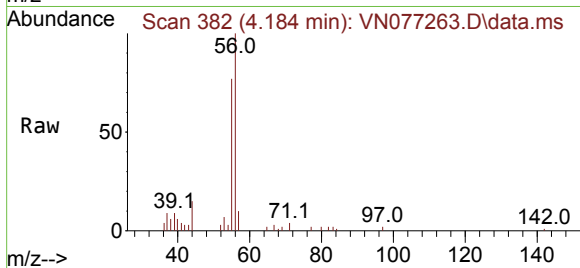
VSTDICC005

Tgt Ion: 56 Resp: 35918

Ion Ratio Lower Upper

56 100

55 77.2 54.2 81.2



#14

Allyl chloride

Concen: 4.852 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

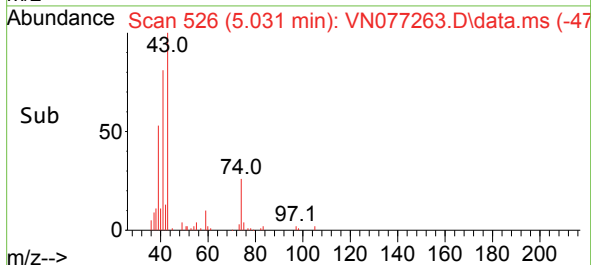
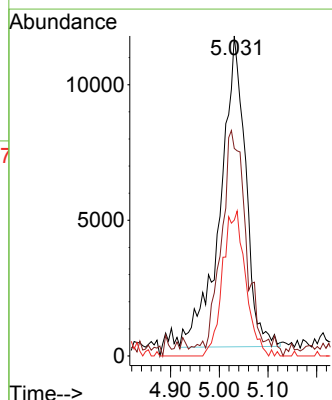
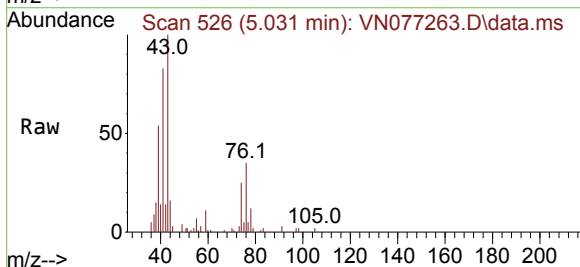
Tgt Ion: 41 Resp: 41566

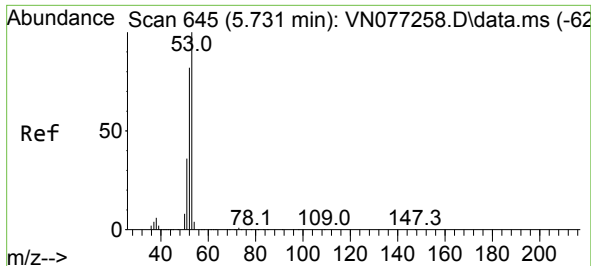
Ion Ratio Lower Upper

41 100

39 66.1 55.0 82.4

76 42.1 35.4 53.2

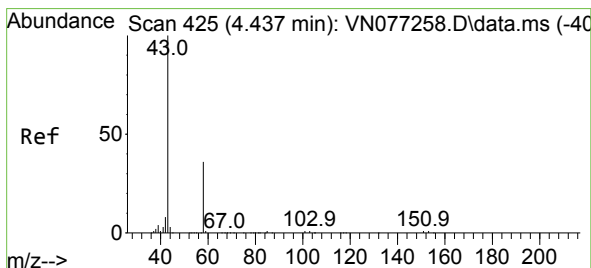
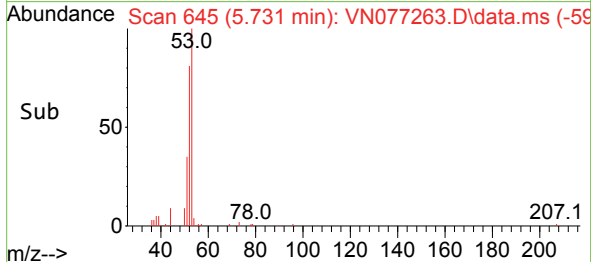
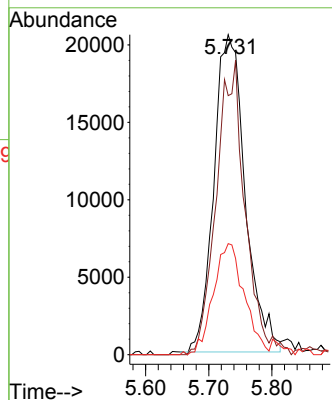
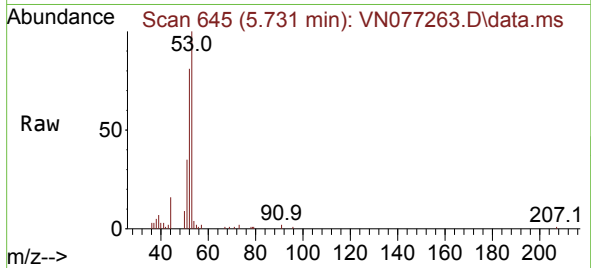




#15
Acrylonitrile
Concen: 23.595 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

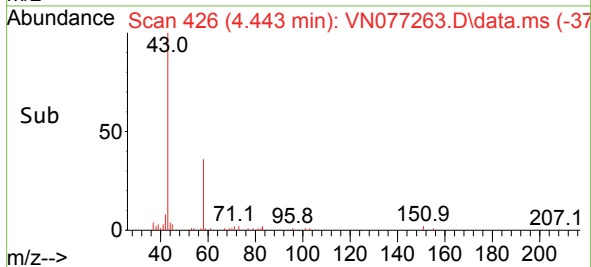
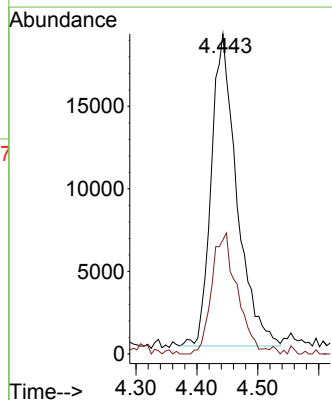
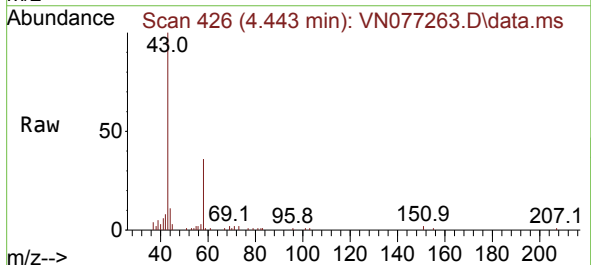
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

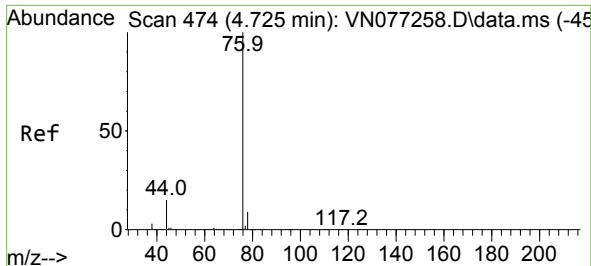
Tgt Ion: 53 Resp: 70442
Ion Ratio Lower Upper
53 100
52 85.3 65.2 97.8
51 34.6 28.1 42.1



#16
Acetone
Concen: 22.620 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

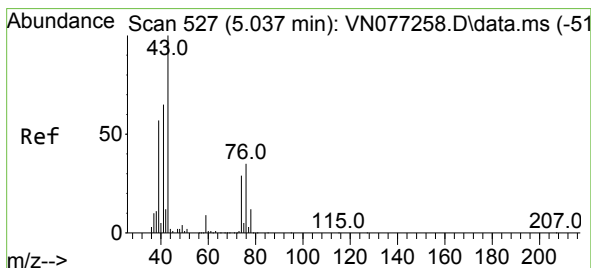
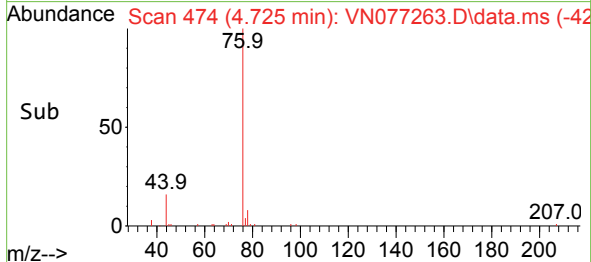
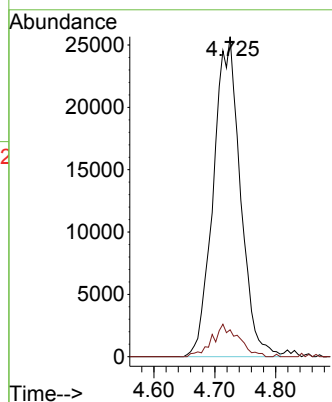
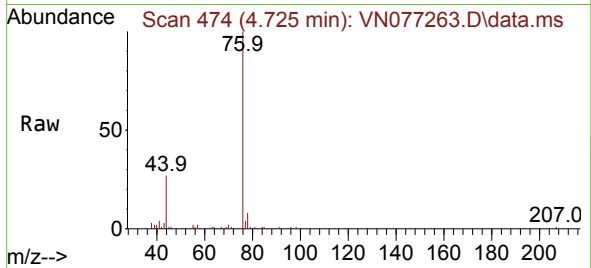




#17
Carbon Disulfide
Concen: 5.159 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

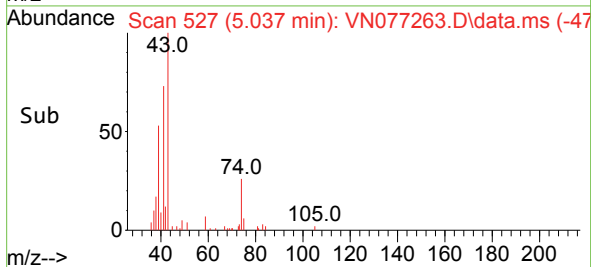
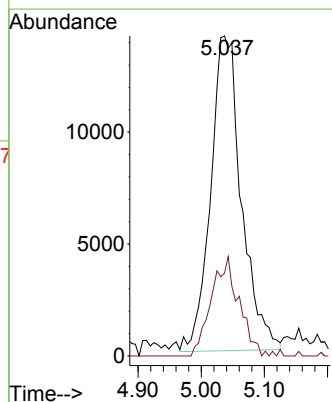
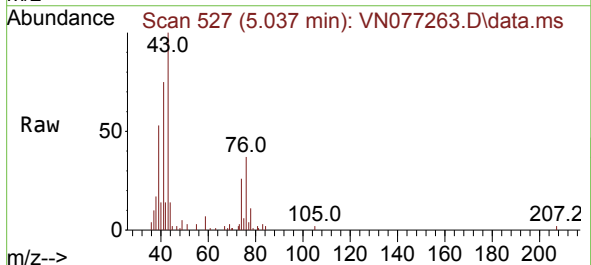
Instrument :
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ClientSampleId :
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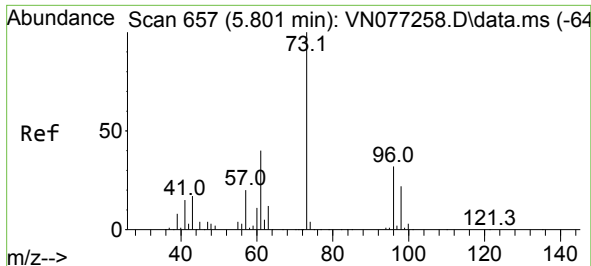
Tgt Ion: 76 Resp: 78914
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 5.135 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

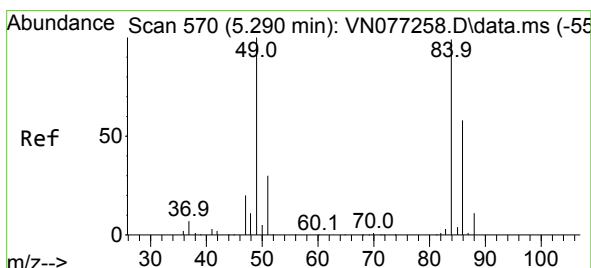
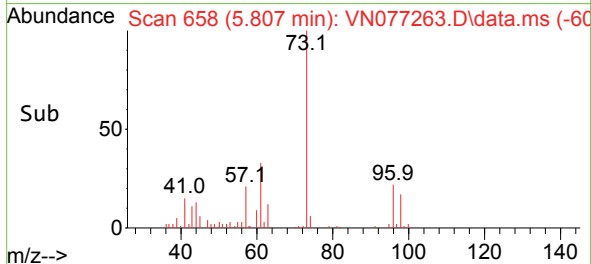
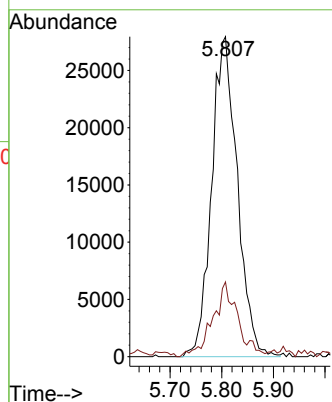
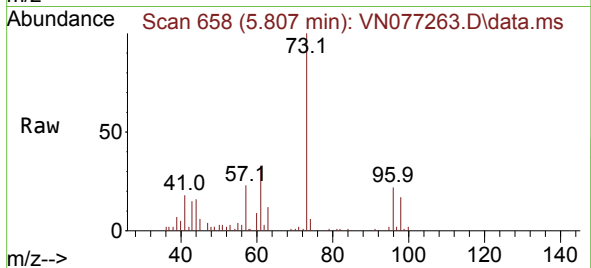




#19
Methyl tert-butyl Ether
Concen: 4.788 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

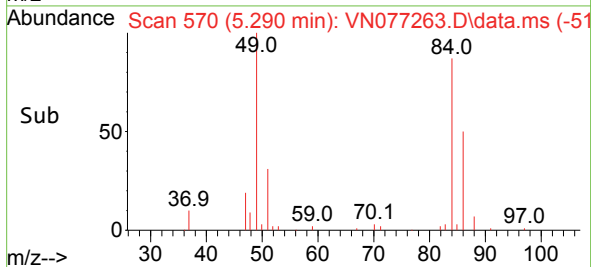
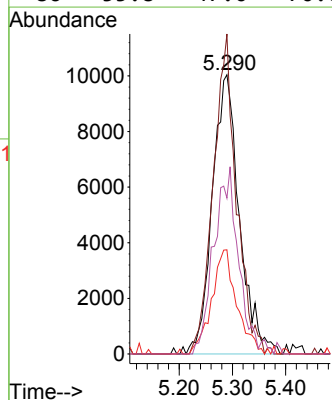
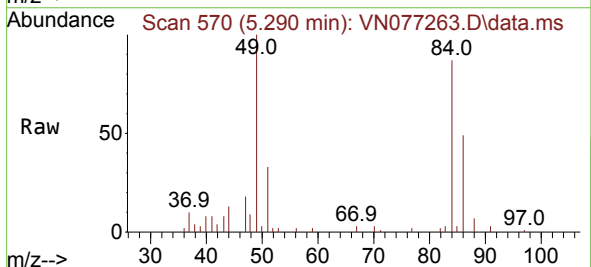
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

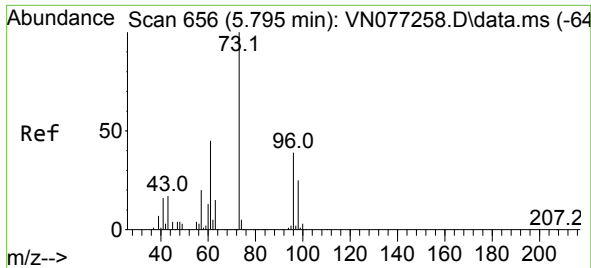
Tgt Ion: 73 Resp: 96375
Ion Ratio Lower Upper
73 100
57 23.4 16.2 24.4



#20
Methylene Chloride
Concen: 5.155 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

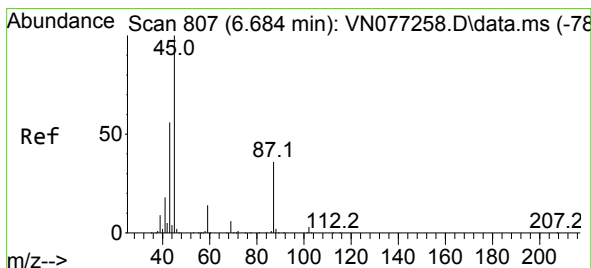
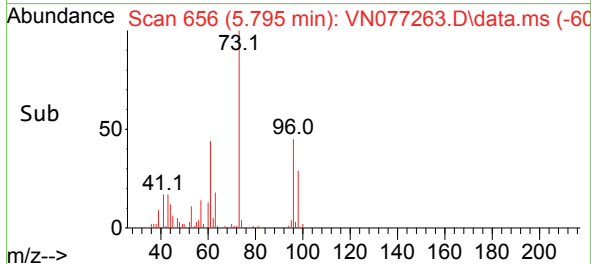
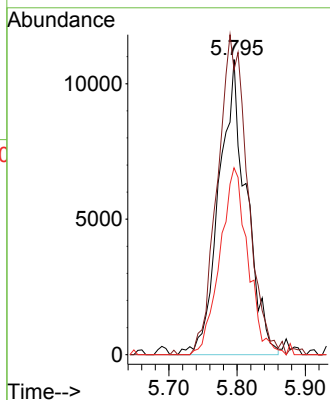
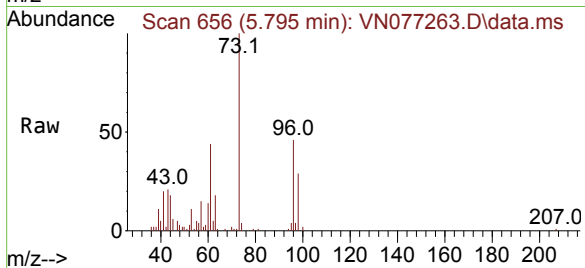




#21
trans-1,2-Dichloroethene
Concen: 4.902 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

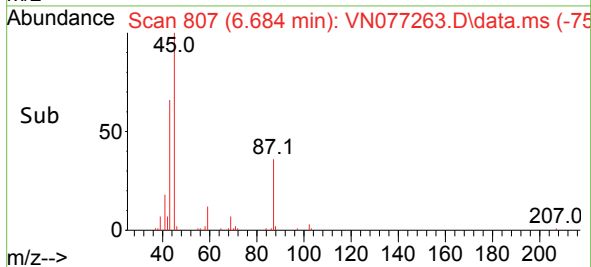
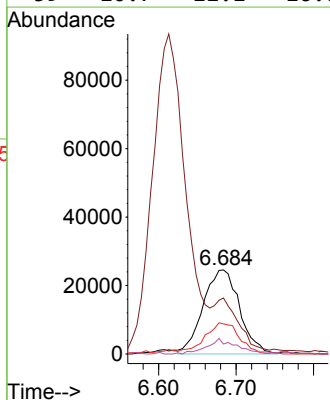
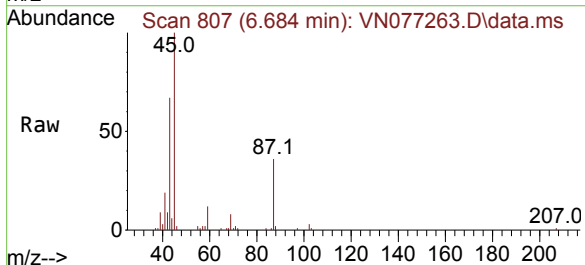
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

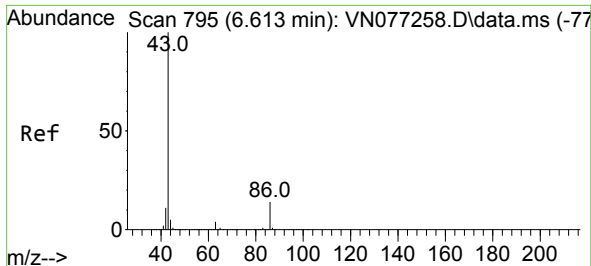
Tgt Ion: 96 Resp: 30446
Ion Ratio Lower Upper
96 100
61 96.5 93.8 140.6
98 63.3 50.9 76.3



#22
Diisopropyl ether
Concen: 4.675 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#

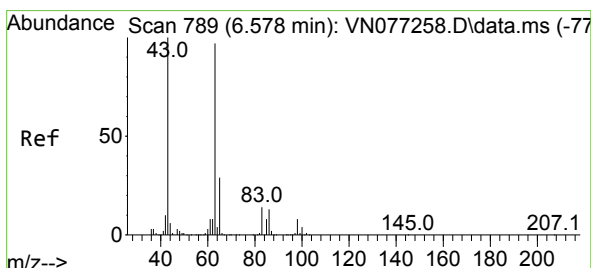
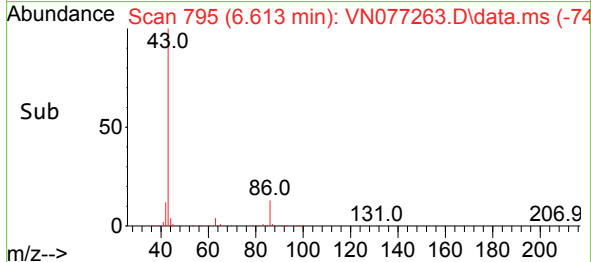
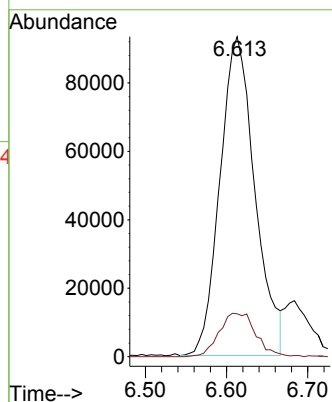
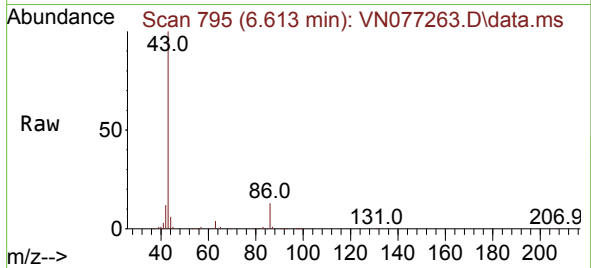




#23
 Vinyl Acetate
 Concen: 24.031 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

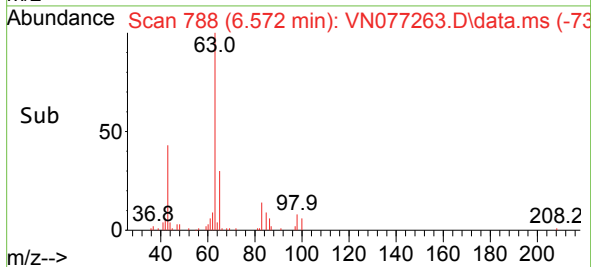
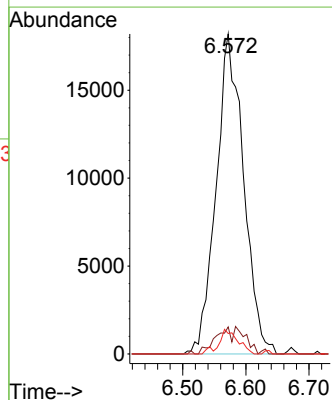
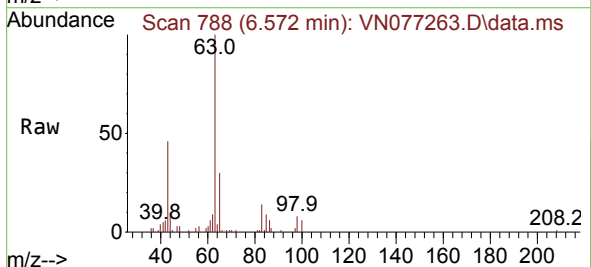
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

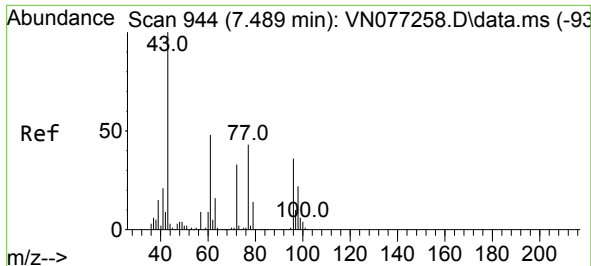
Tgt Ion: 43 Resp: 279076
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 4.949 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

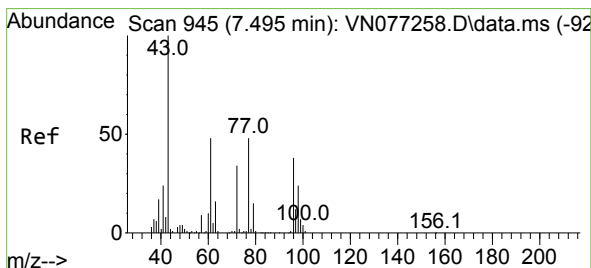
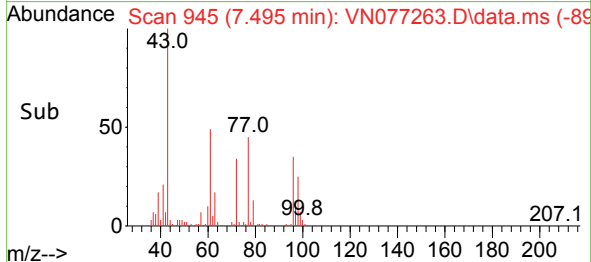
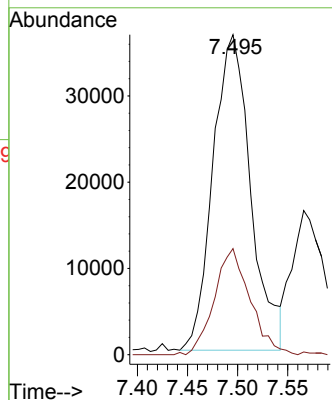
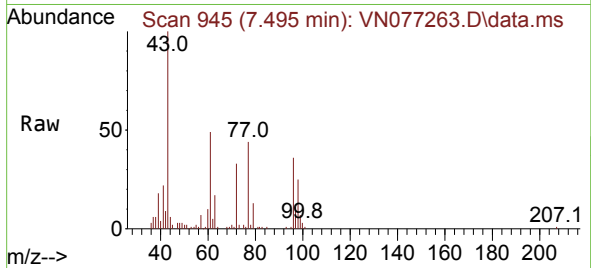




#25
2-Butanone
Concen: 24.185 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

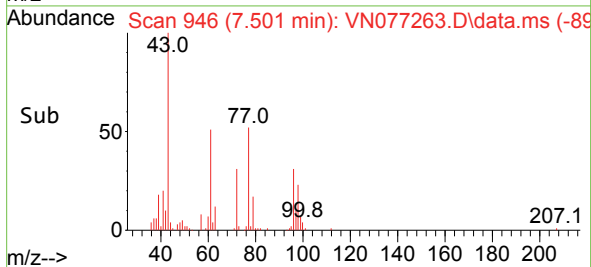
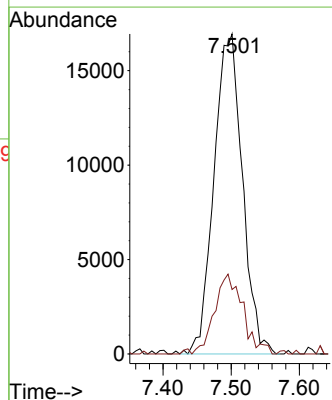
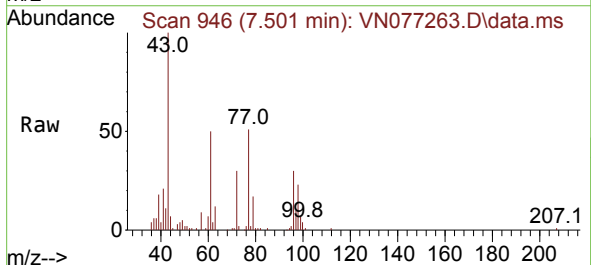
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

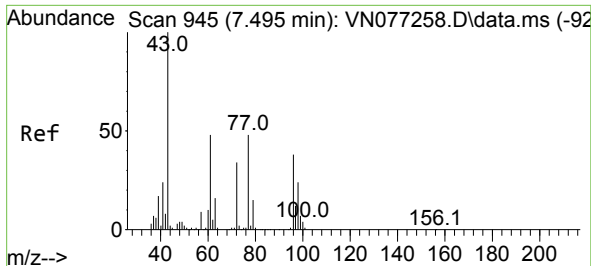
Tgt Ion: 43 Resp: 95779
Ion Ratio Lower Upper
43 100
72 32.9 26.6 39.8



#26
2,2-Dichloropropane
Concen: 4.827 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

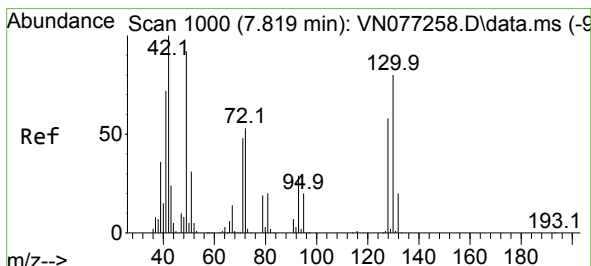
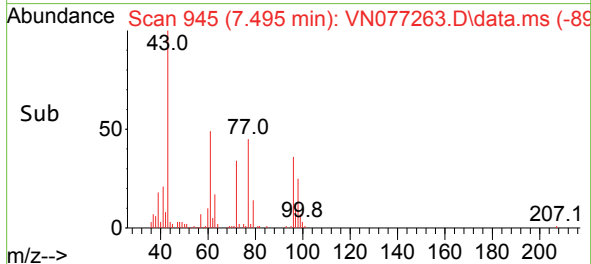
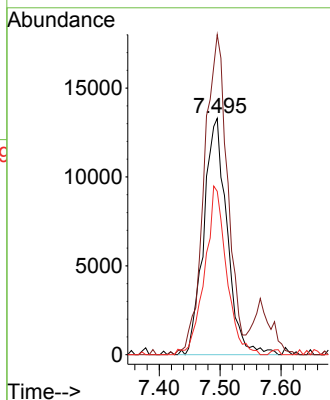
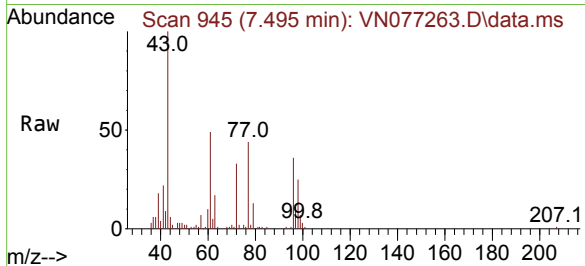




#27
 cis-1,2-Dichloroethene
 Concen: 4.672 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

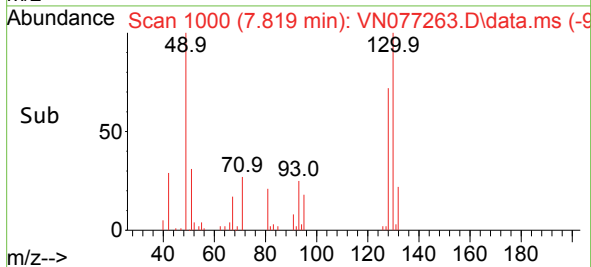
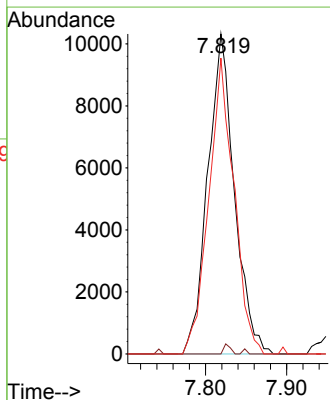
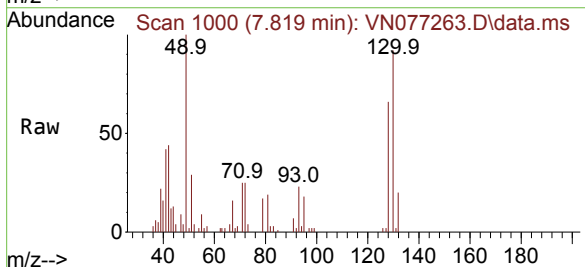
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

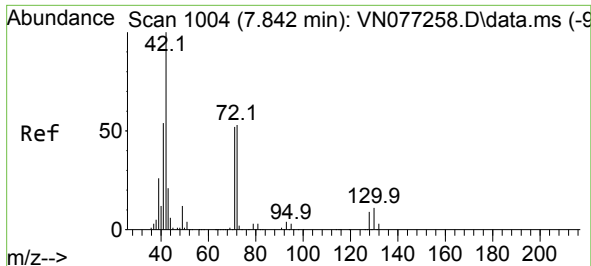
Tgt Ion: 96 Resp: 35436
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 261.0
 98 66.5 0.0 128.0



#28
 Bromochloromethane
 Concen: 5.278 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: 25.300 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

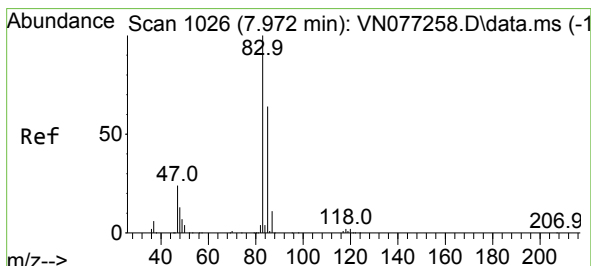
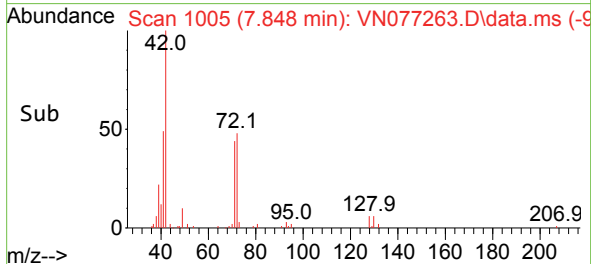
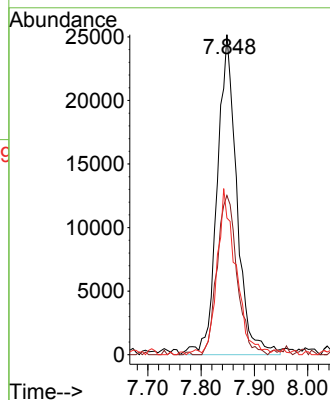
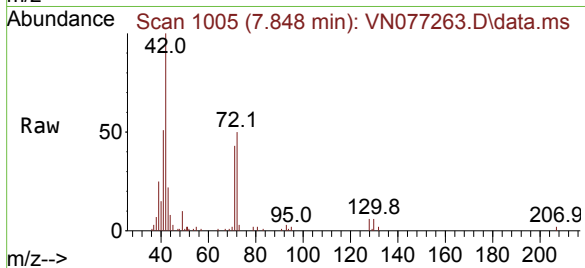
Tgt Ion: 42 Resp: 64406

Ion Ratio Lower Upper

42 100

72 50.9 44.6 66.8

71 48.2 41.3 61.9



#30

Chloroform

Concen: 4.904 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077263.D

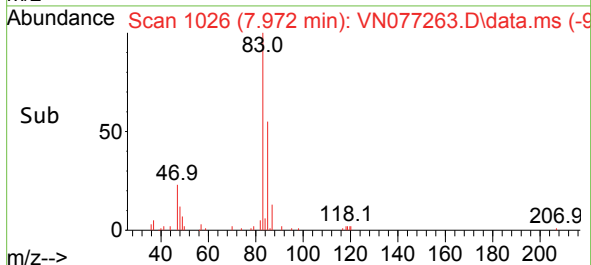
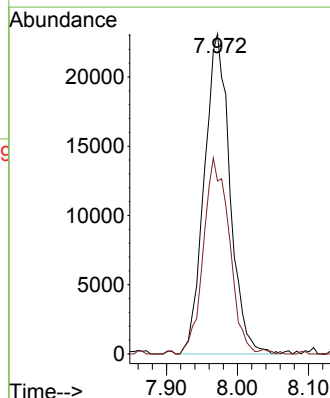
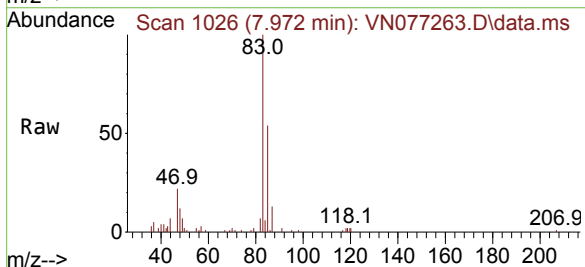
Acq: 05 Apr 2023 14:29

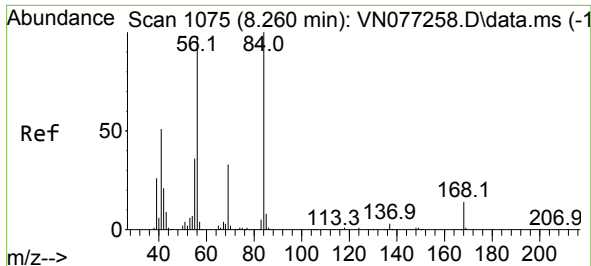
Tgt Ion: 83 Resp: 58004

Ion Ratio Lower Upper

83 100

85 54.1 50.9 76.3

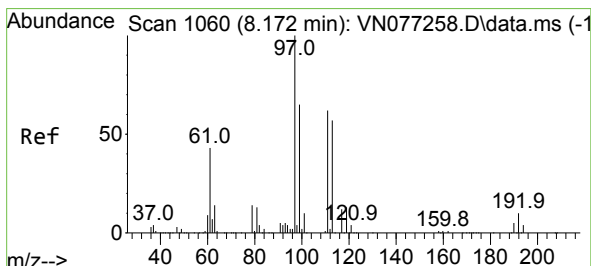
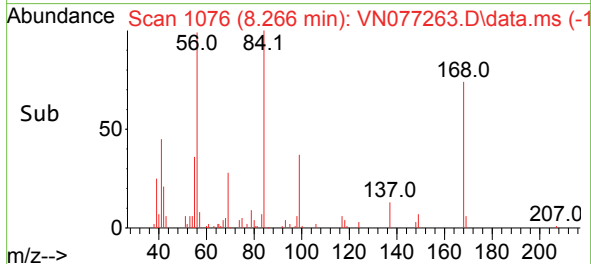
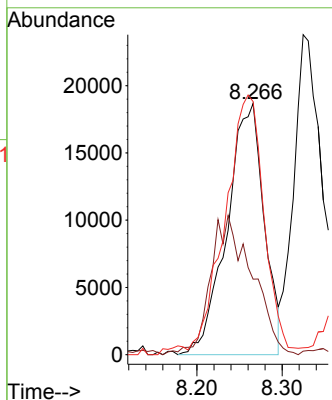
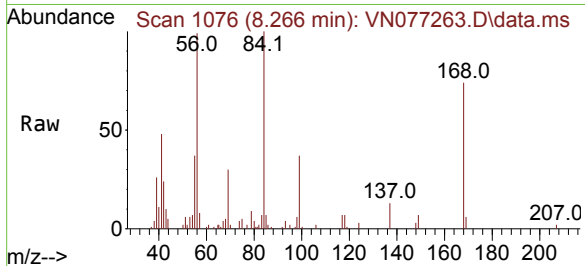




#31
Cyclohexane
Concen: 5.485 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

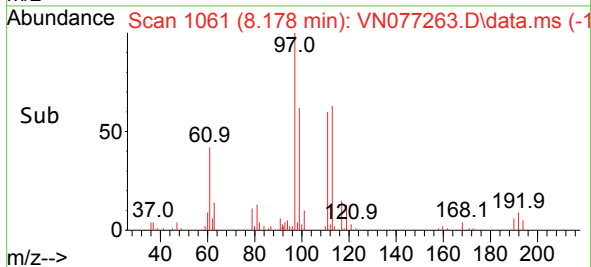
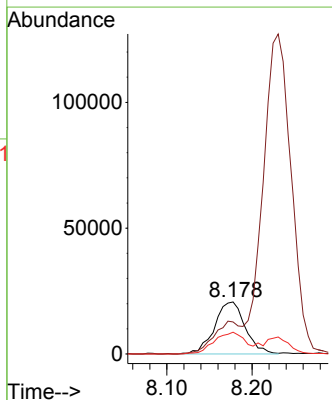
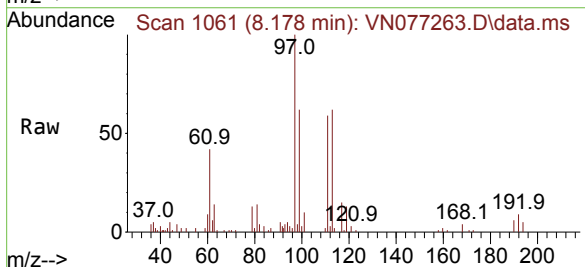
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

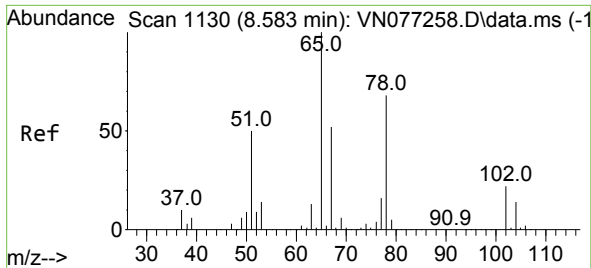
Tgt Ion: 56 Resp: 56410
Ion Ratio Lower Upper
56 100
69 28.9 26.6 40.0
84 97.2 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 4.812 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

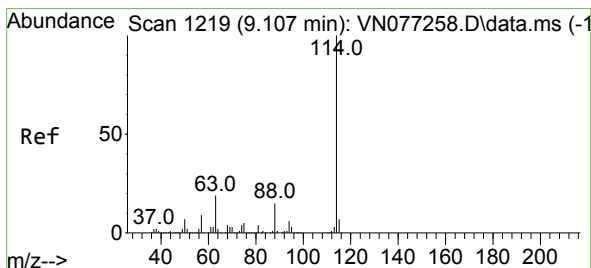
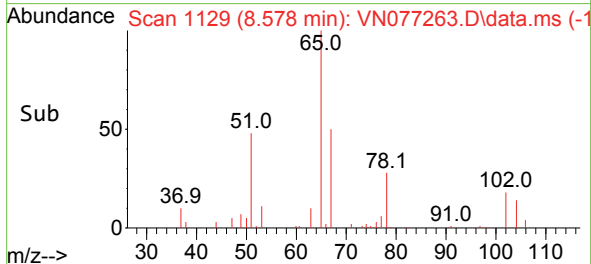
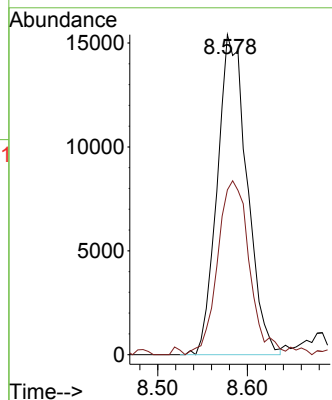
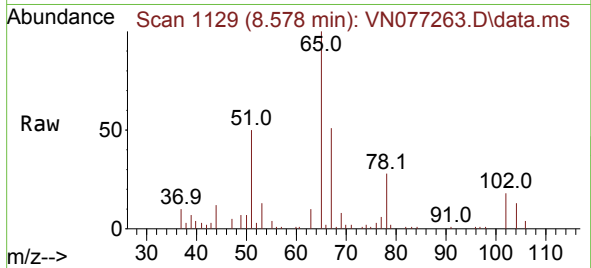




#33
1,2-Dichloroethane-d4
Concen: 5.358 ug/l
RT: 8.578 min Scan# 1129
Delta R.T. -0.005 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

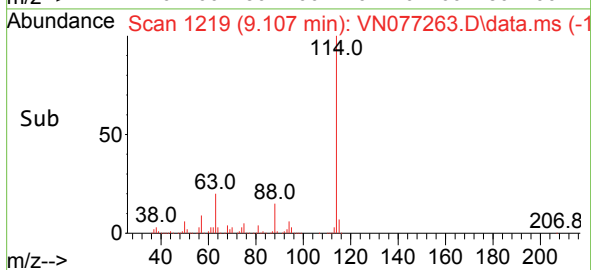
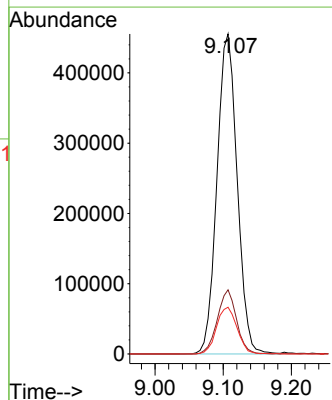
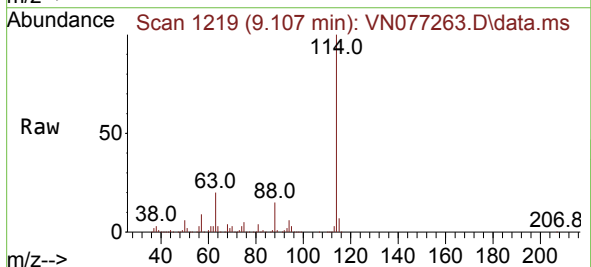
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

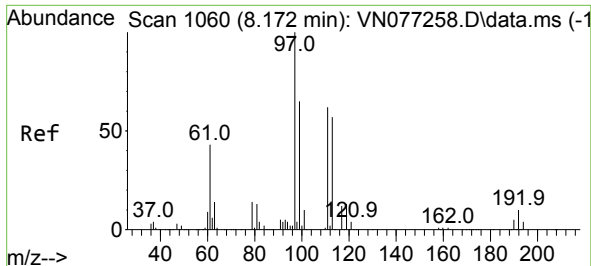
Tgt Ion: 65 Resp: 35460
Ion Ratio Lower Upper
65 100
67 57.9 0.0 108.8



#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

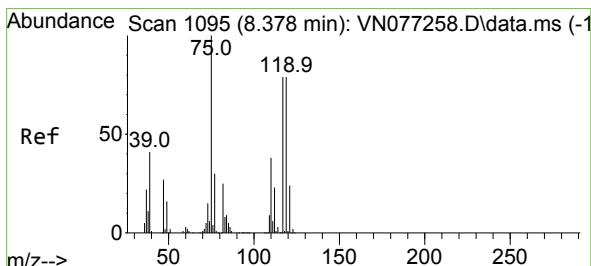
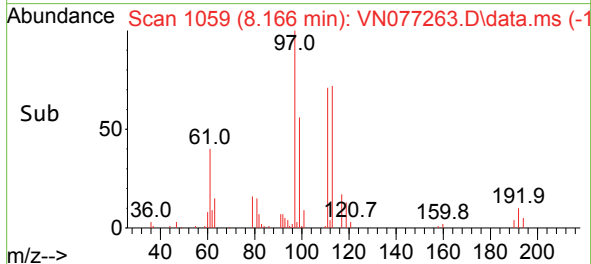
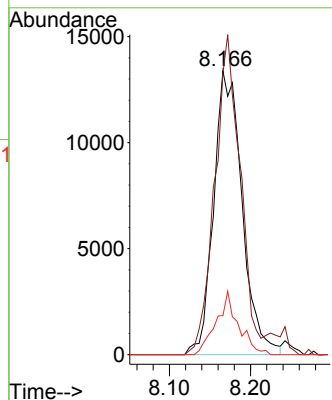
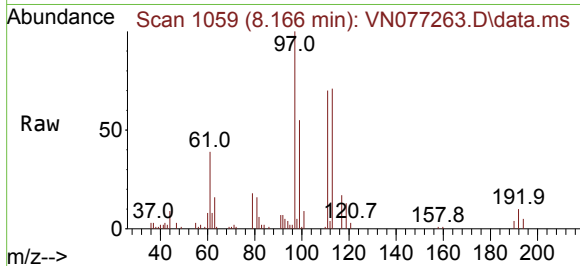




#35
 Dibromofluoromethane
 Concen: 5.417 ug/l
 RT: 8.166 min Scan# 1059
 Delta R.T. -0.006 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

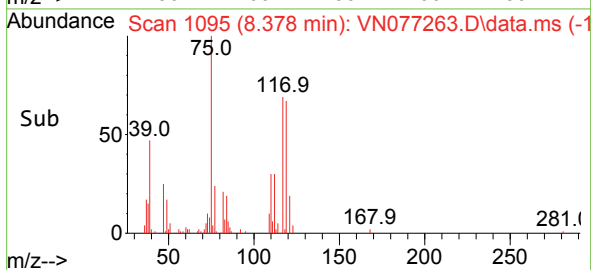
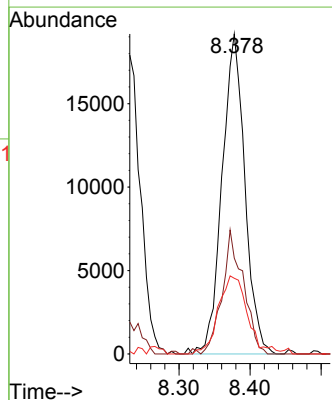
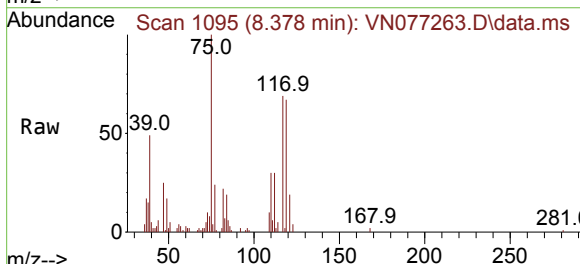
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

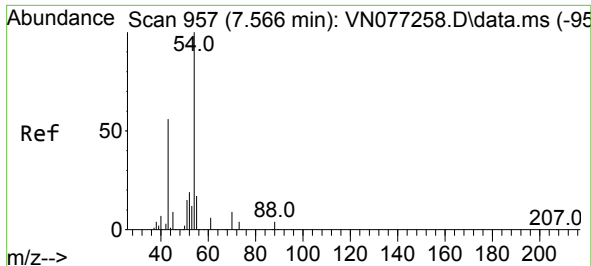
Tgt Ion: 113 Resp: 32570
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.4 125.0
 192 17.4 13.5 20.3



#36
 1,1-Dichloropropene
 Concen: 4.807 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

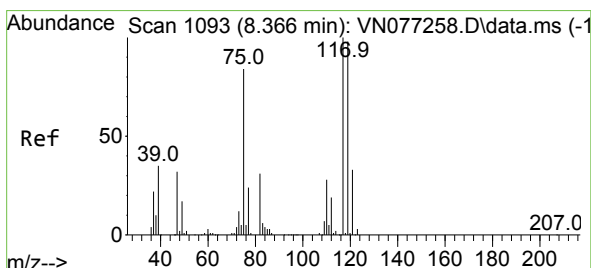
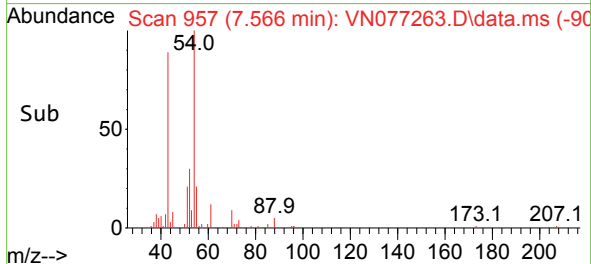
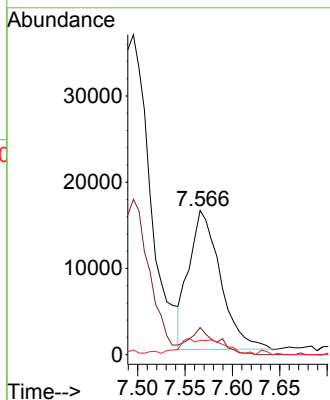
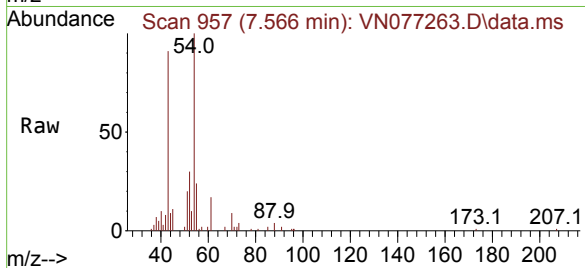




#37
Ethyl Acetate
Concen: 4.682 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

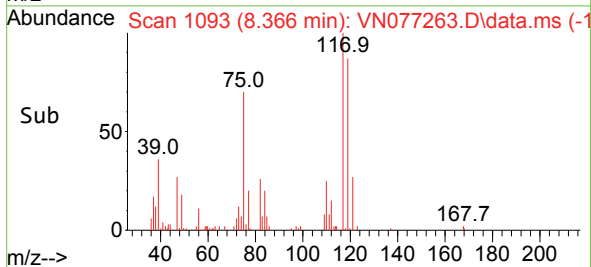
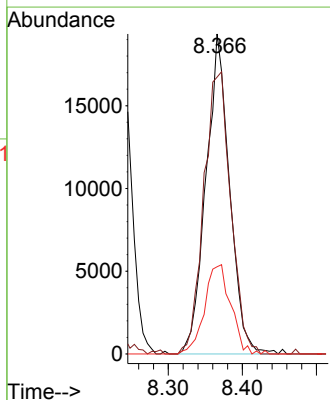
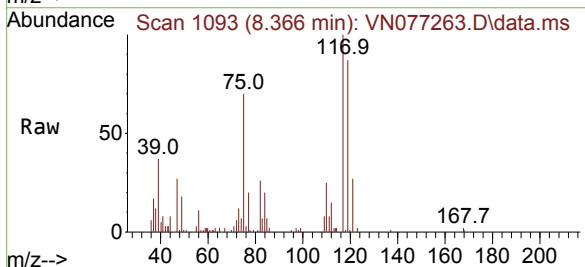
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

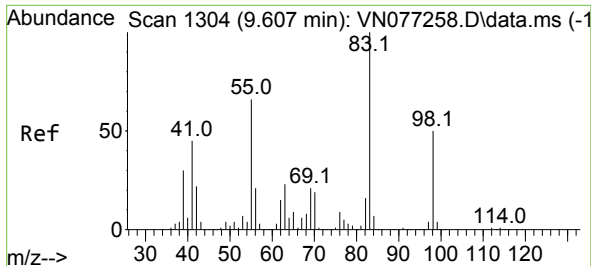
Tgt Ion: 43 Resp: 37253
Ion Ratio Lower Upper
43 100
61 17.1 12.2 18.2
70 5.8 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 4.704 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: 4.694 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

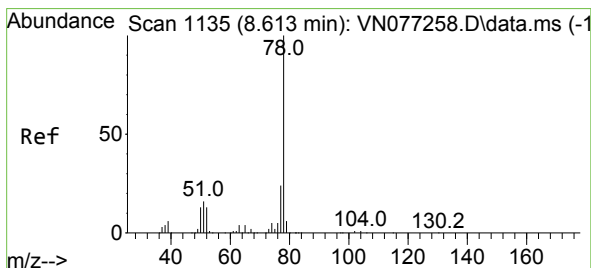
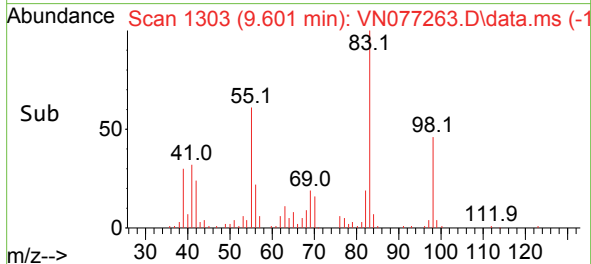
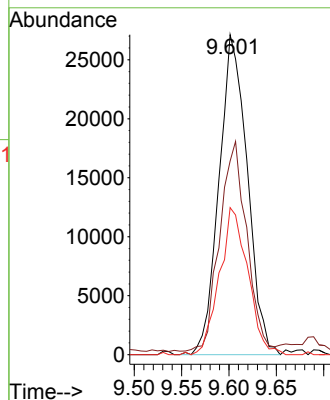
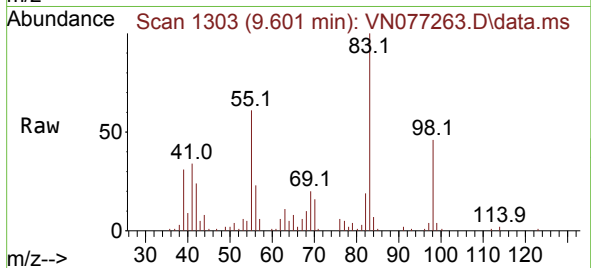
Tgt Ion: 83 Resp: 56285

Ion Ratio Lower Upper

83 100

55 59.4 52.4 78.6

98 46.0 39.8 59.6



#40

Benzene

Concen: 4.733 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077263.D

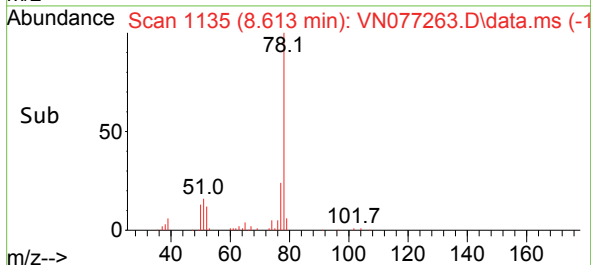
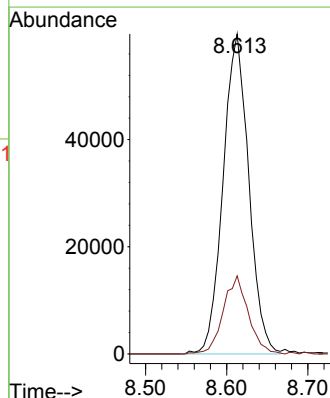
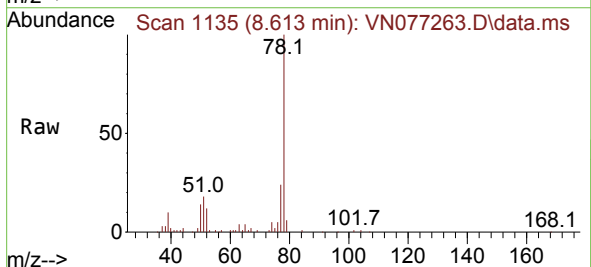
Acq: 05 Apr 2023 14:29

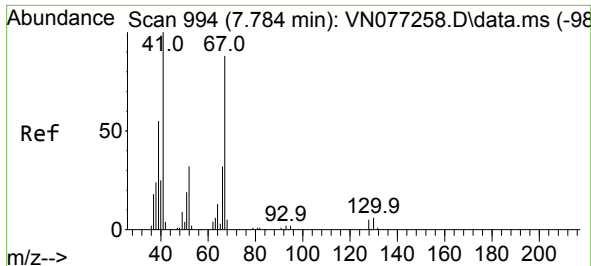
Tgt Ion: 78 Resp: 131280

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

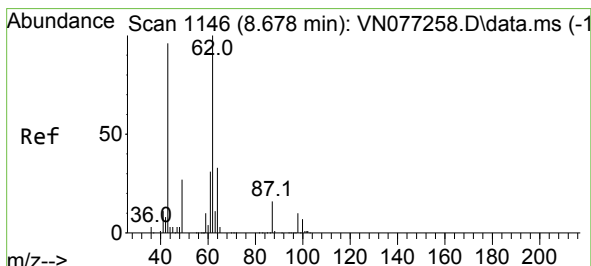
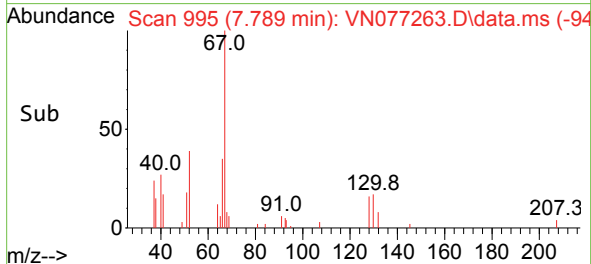
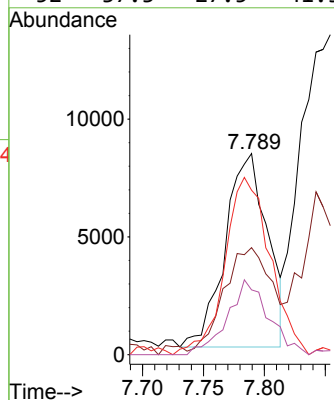
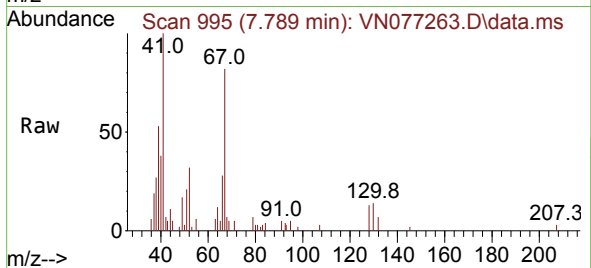




#41
Methacrylonitrile
Concen: 4.658 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

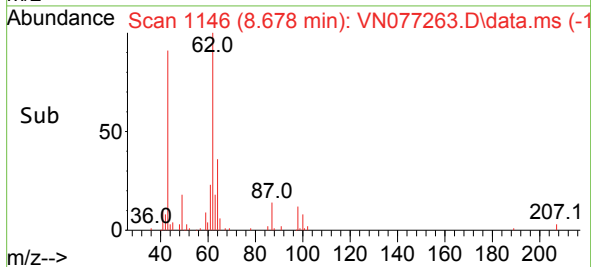
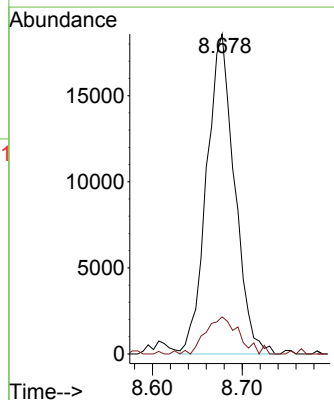
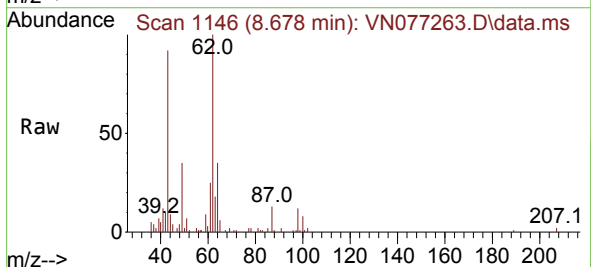
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

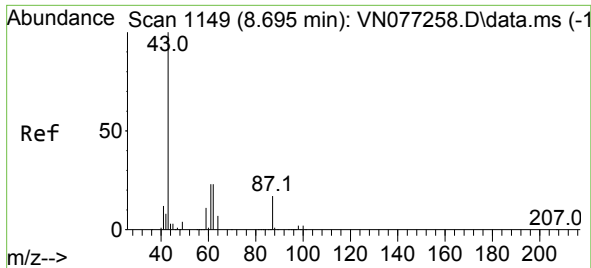
Tgt Ion:	41	Resp:	19921
Ion	Ratio	Lower	Upper
41	100		
39	58.7	44.1	66.1
67	97.6	71.4	107.2
52	37.3	27.5	41.3



#42
1,2-Dichloroethane
Concen: 4.696 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

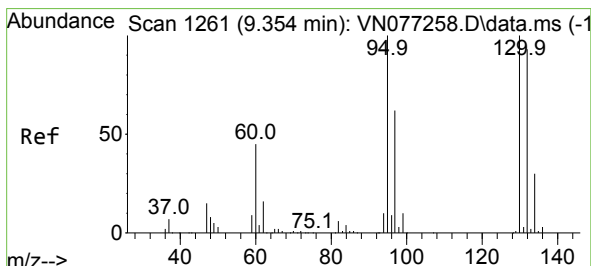
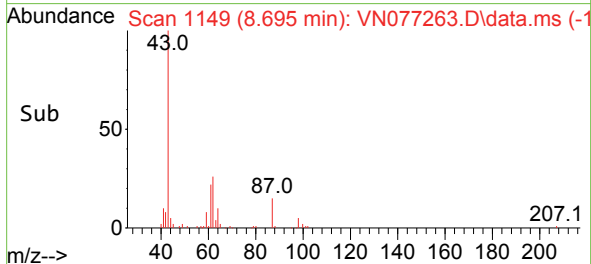
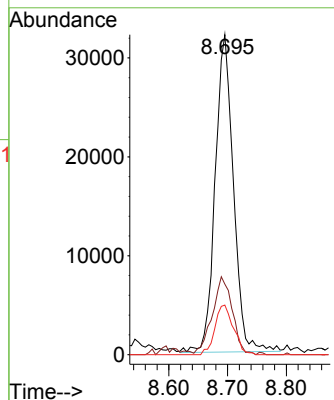
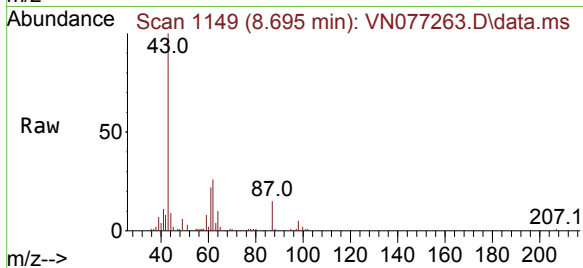




#43
Isopropyl Acetate
Concen: 4.730 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

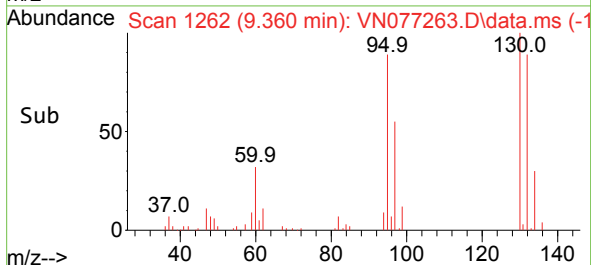
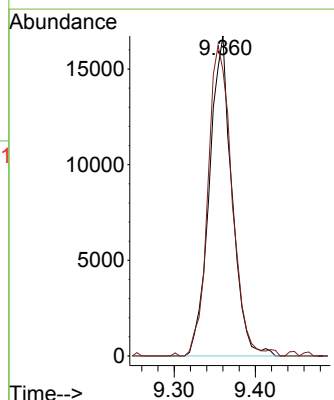
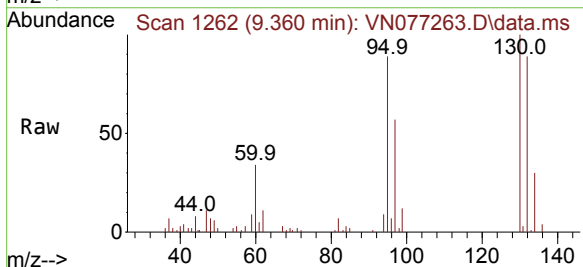
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

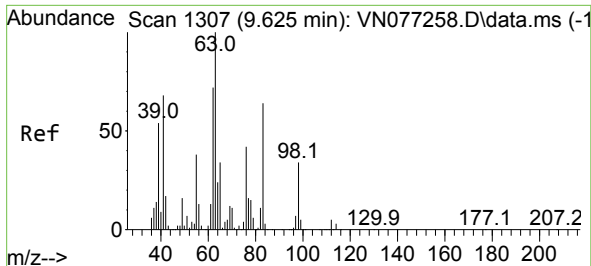
Tgt Ion: 43 Resp: 69439
Ion Ratio Lower Upper
43 100
61 26.9 22.7 34.1
87 15.9 13.6 20.4



#44
Trichloroethene
Concen: 4.863 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: 5.003 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 :

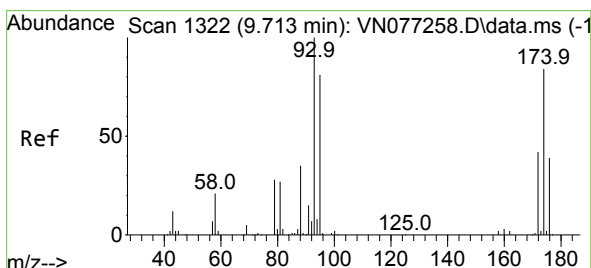
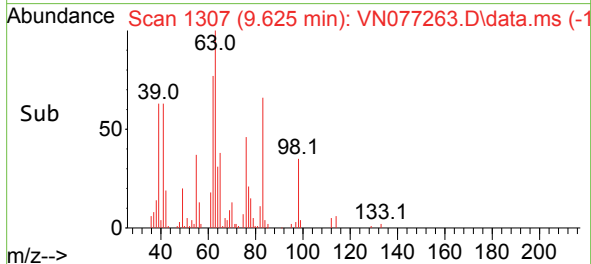
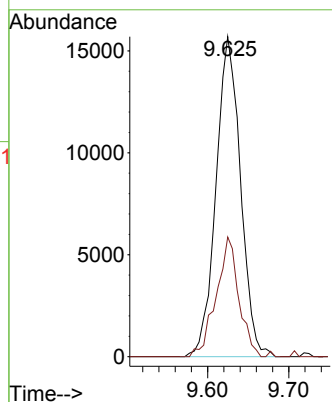
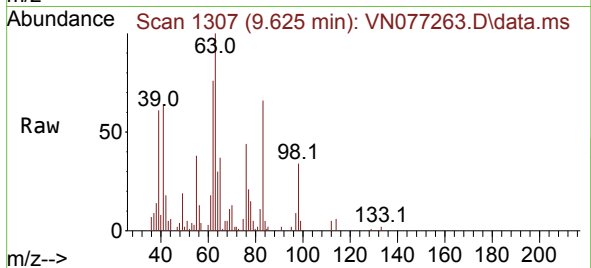
VSTDIC005

Tgt Ion: 63 Resp: 32955

Ion Ratio Lower Upper

63 100

65 37.4 27.1 40.7



#46

Dibromomethane

Concen: 4.998 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

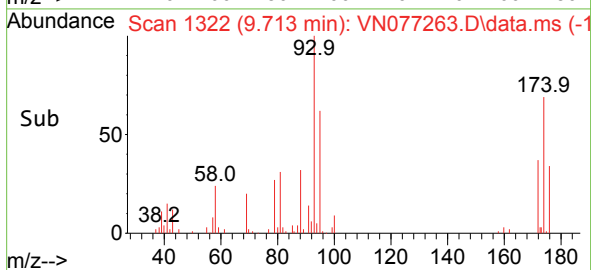
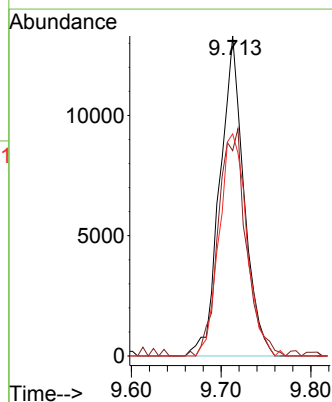
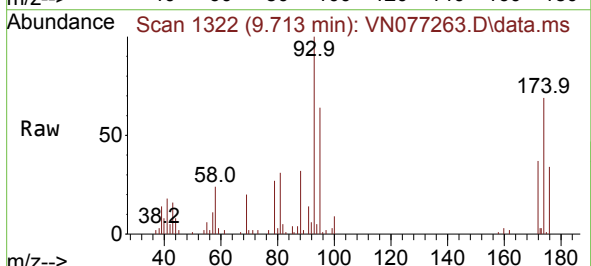
Tgt Ion: 93 Resp: 24803

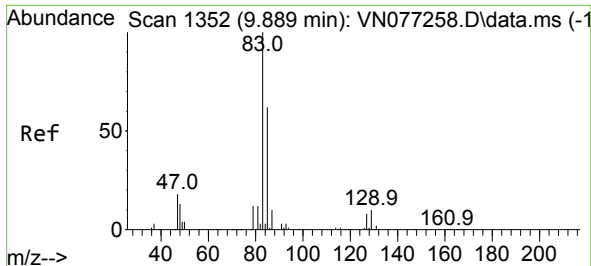
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.6

174 79.5 66.0 99.0

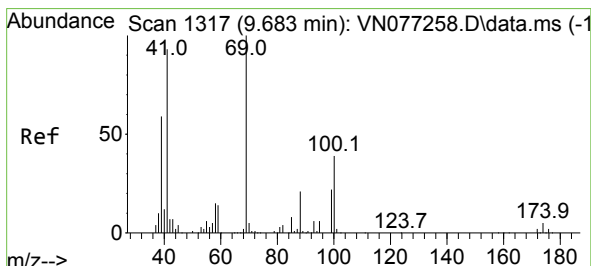
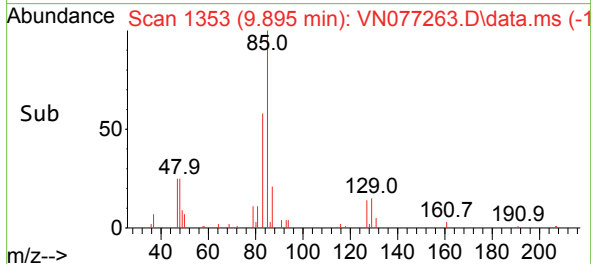
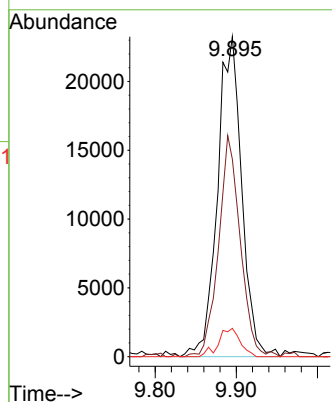
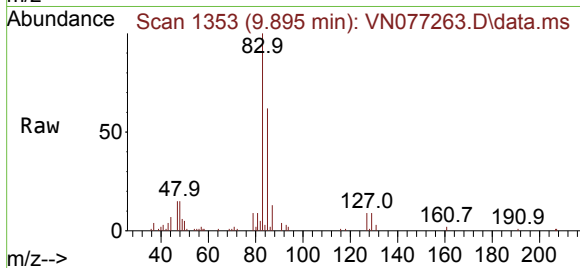




#47
Bromodichloromethane
Concen: 4.865 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

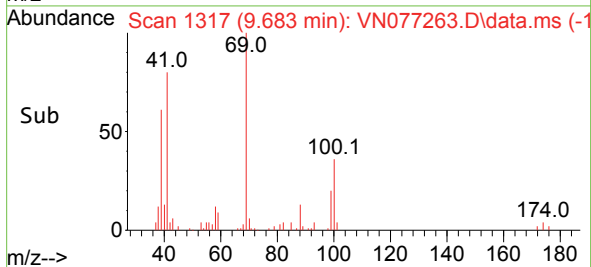
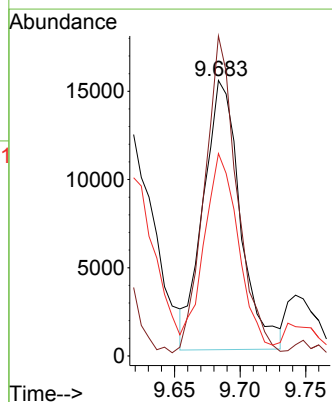
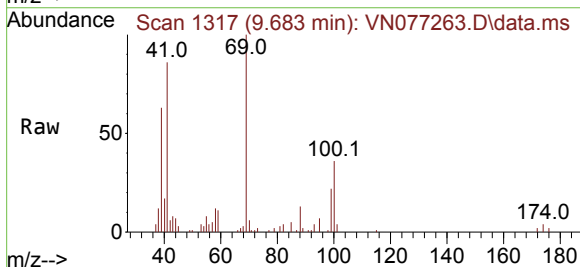
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

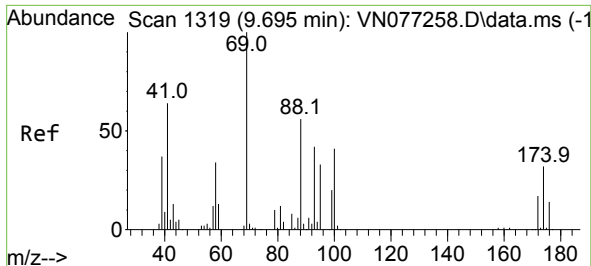
Tgt Ion: 83 Resp: 48255
Ion Ratio Lower Upper
83 100
85 61.7 49.8 74.8
127 8.8 6.2 9.2



#48
Methyl methacrylate
Concen: 4.782 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: 96.693 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

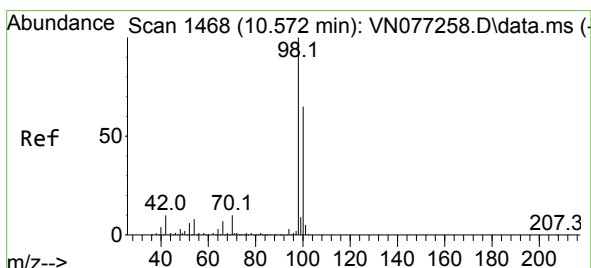
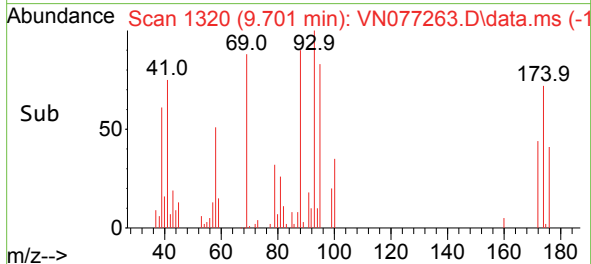
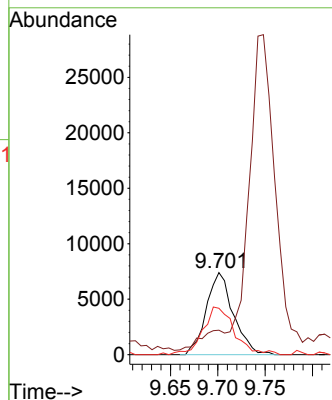
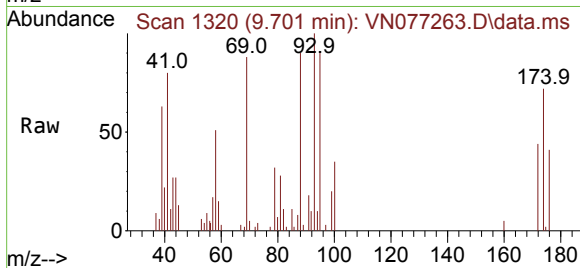
Tgt Ion: 88 Resp: 14681

Ion Ratio Lower Upper

88 100

43 26.2 17.0 25.6#

58 67.5 49.8 74.6



#50

Toluene-d8

Concen: 5.296 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077263.D

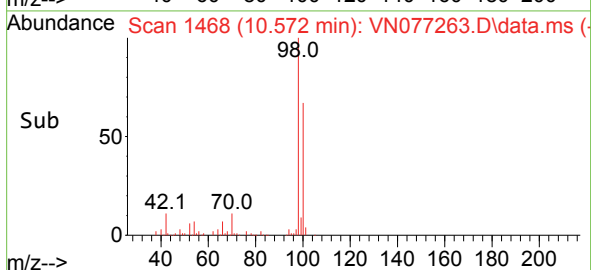
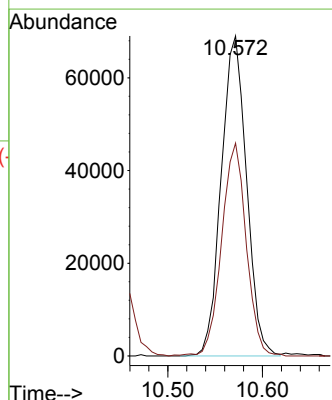
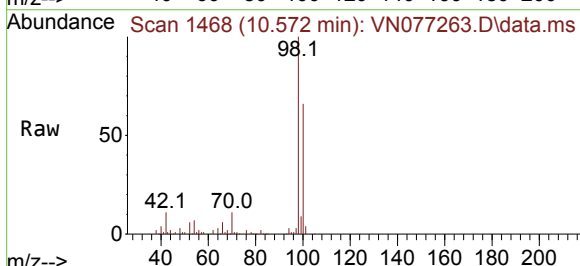
Acq: 05 Apr 2023 14:29

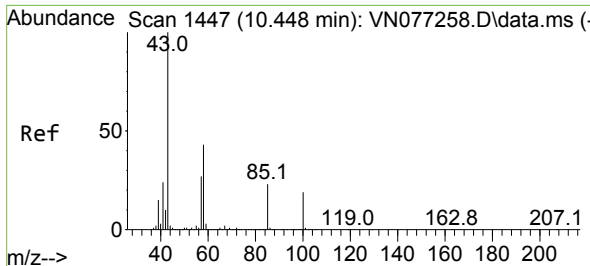
Tgt Ion: 98 Resp: 128179

Ion Ratio Lower Upper

98 100

100 64.7 51.3 76.9

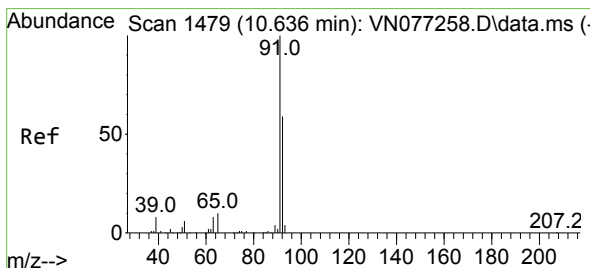
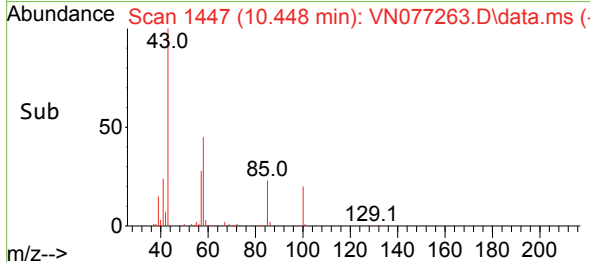
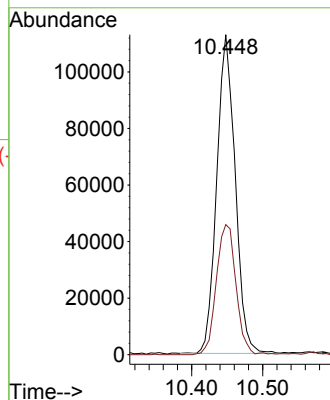
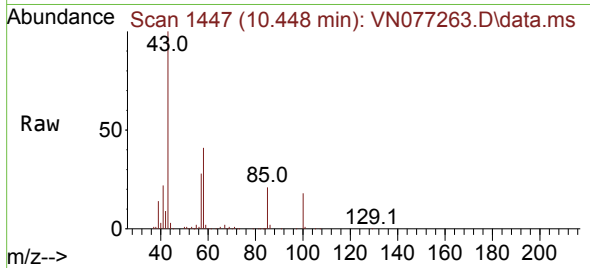




#51
4-Methyl-2-Pentanone
Concen: 23.910 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

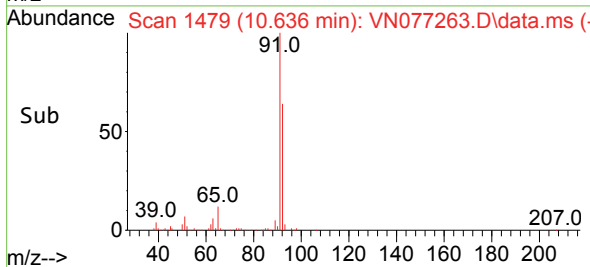
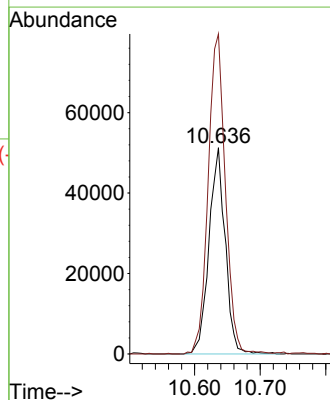
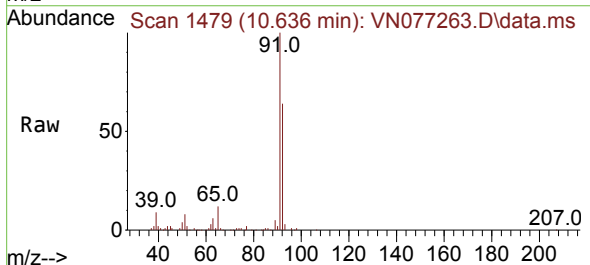
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

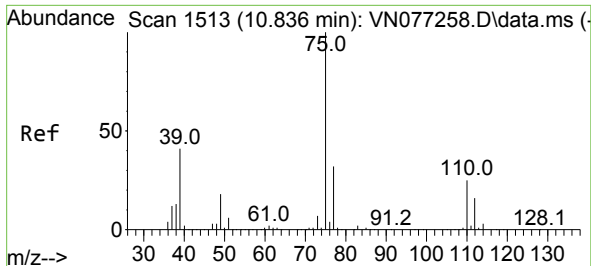
Tgt Ion: 43 Resp: 202888
Ion Ratio Lower Upper
43 100
58 43.2 34.6 52.0



#52
Toluene
Concen: 4.866 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

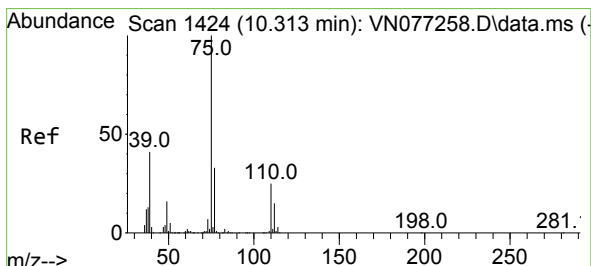
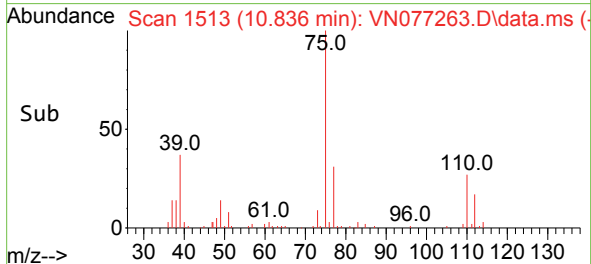
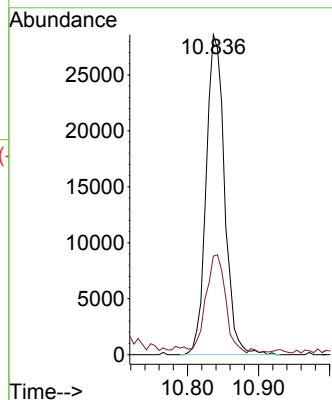
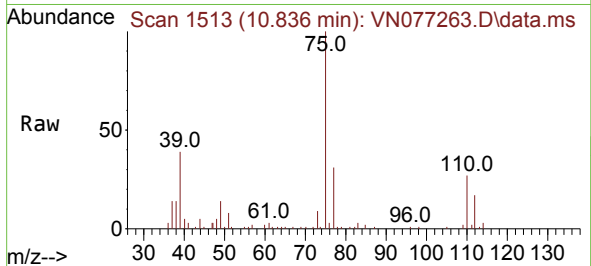




#53
 t-1,3-Dichloropropene
 Concen: 4.793 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

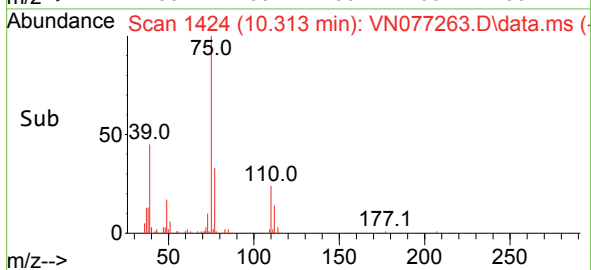
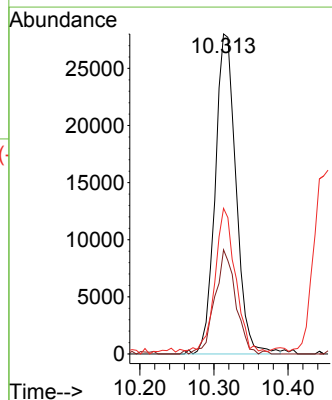
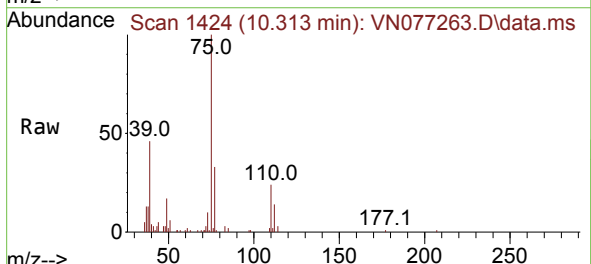
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

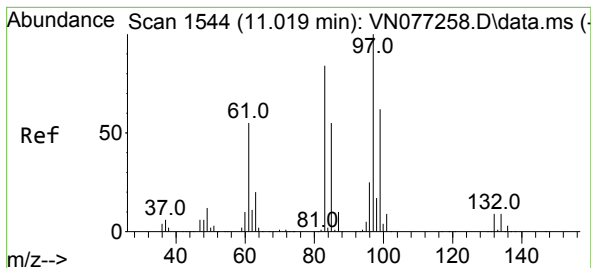
Tgt Ion: 75 Resp: 51633
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.778 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: 4.573 ug/l

RT: 11.025 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 32586

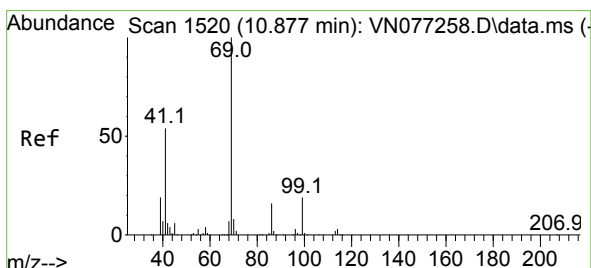
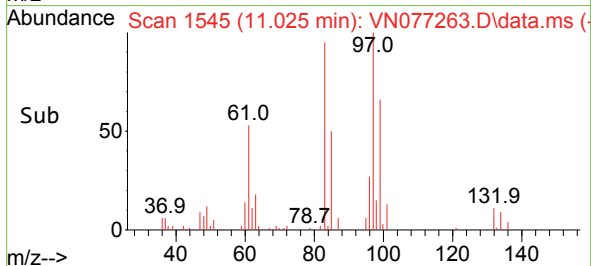
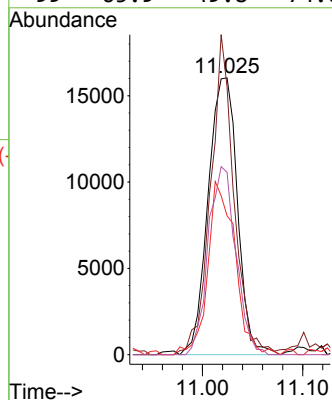
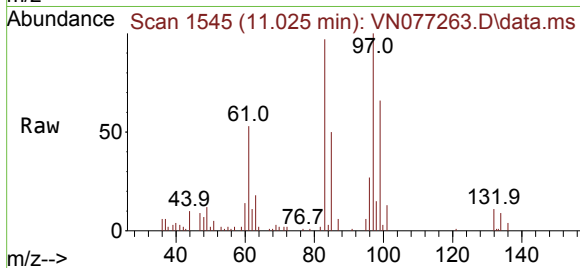
Ion Ratio Lower Upper

97 100

83 95.2 67.4 101.2

85 50.2 44.1 66.1

99 65.9 49.8 74.6



#56

Ethyl methacrylate

Concen: 4.666 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

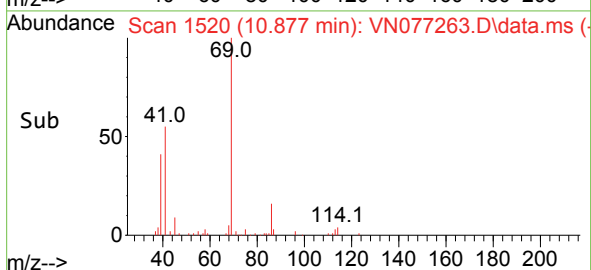
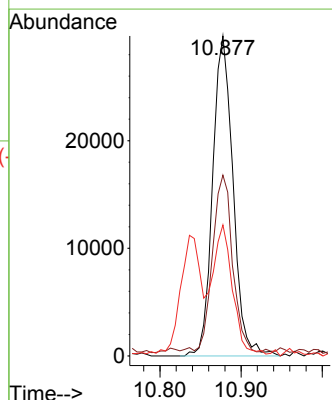
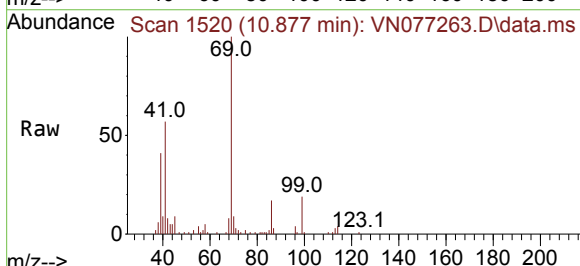
Tgt Ion: 69 Resp: 51794

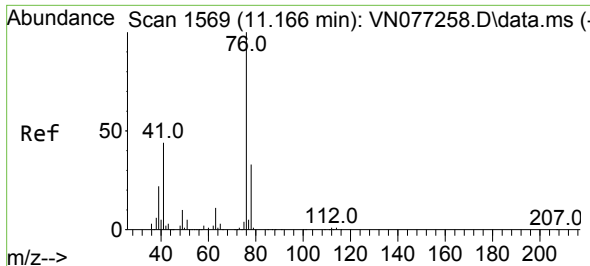
Ion Ratio Lower Upper

69 100

41 54.3 42.8 64.2

39 39.0 27.0 40.4

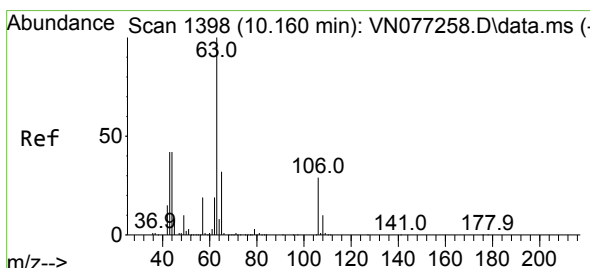
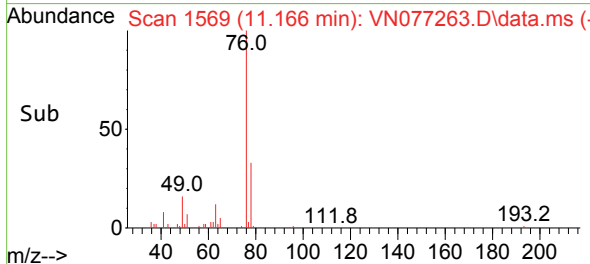
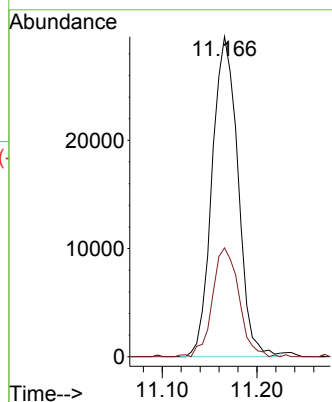
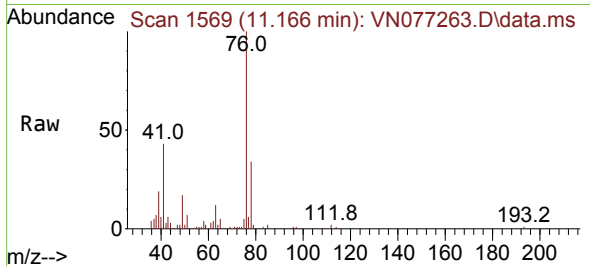




#57
1,3-Dichloropropane
Concen: 4.770 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

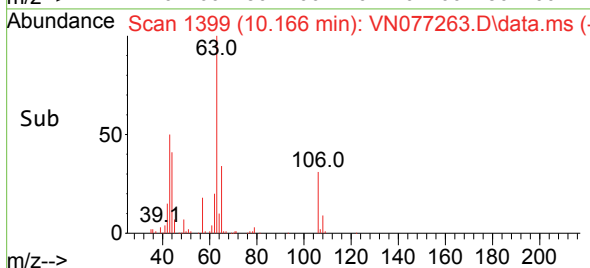
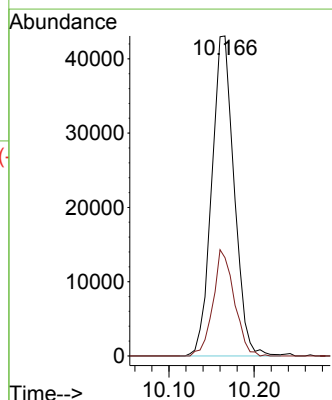
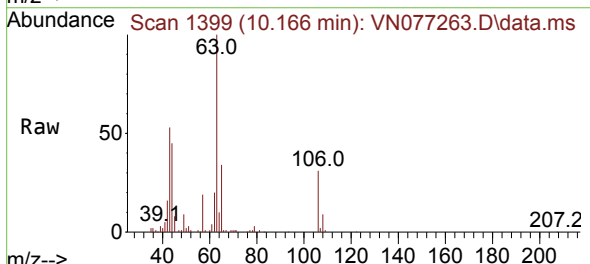
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

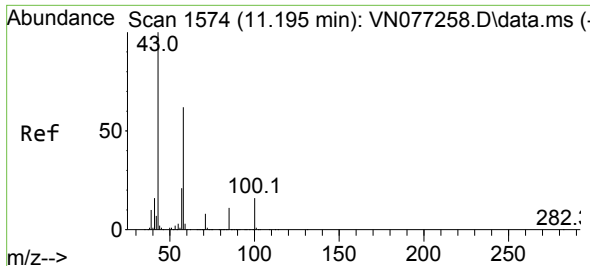
Tgt Ion: 76 Resp: 56164
Ion Ratio Lower Upper
76 100
78 34.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 23.832 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

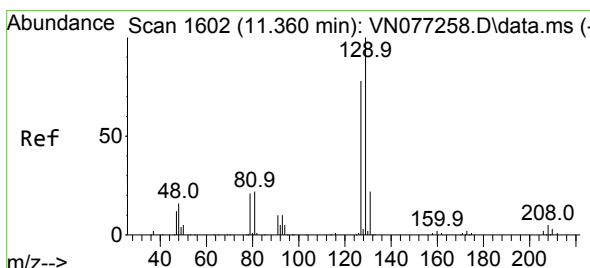
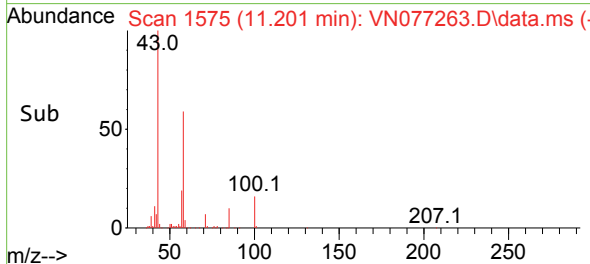
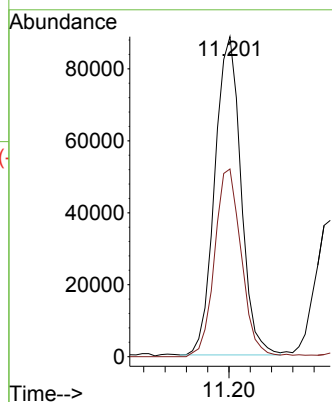
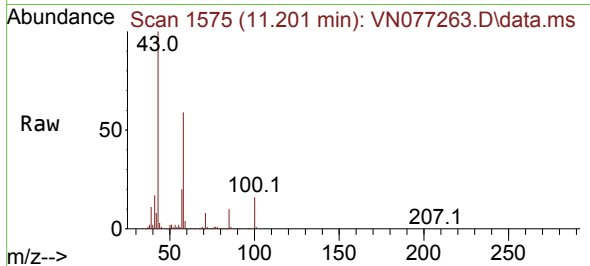




#59
2-Hexanone
Concen: 23.848 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

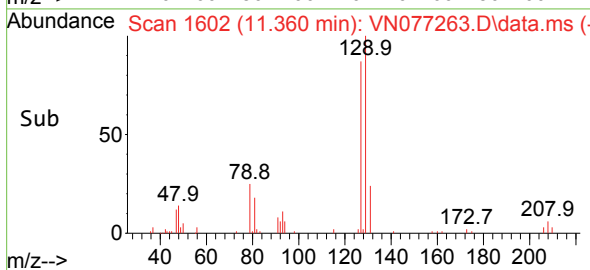
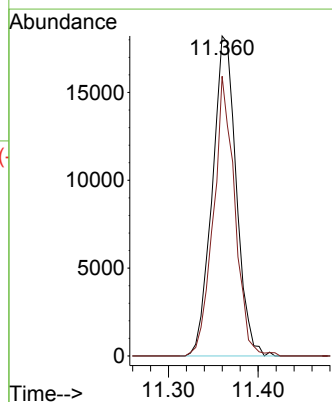
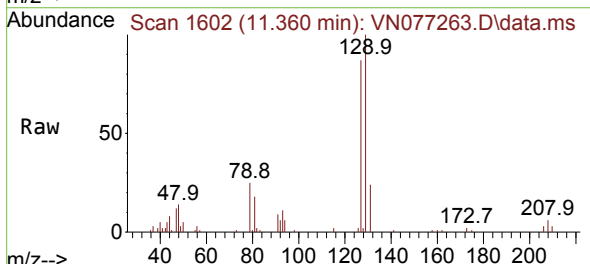
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

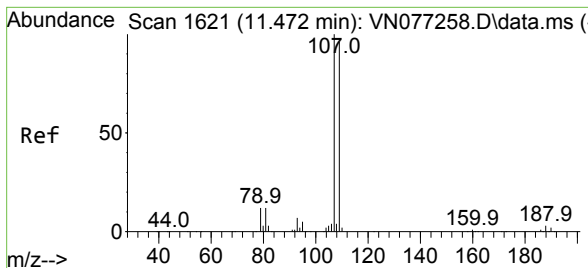
Tgt Ion: 43 Resp: 150759
Ion Ratio Lower Upper
43 100
58 60.5 30.9 92.5



#60
Dibromochloromethane
Concen: 4.612 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

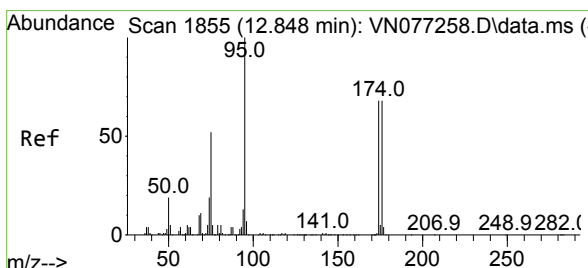
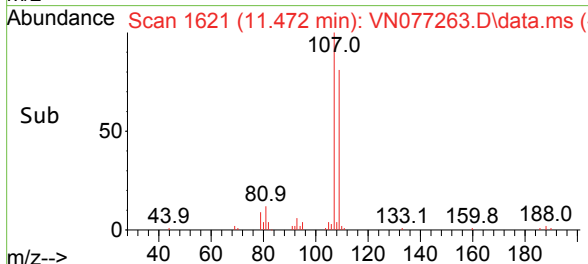
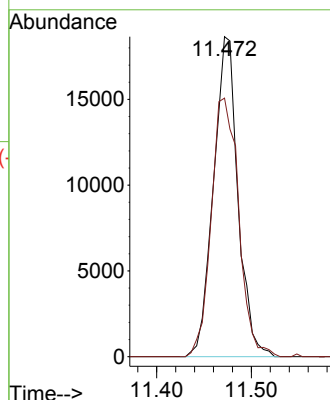
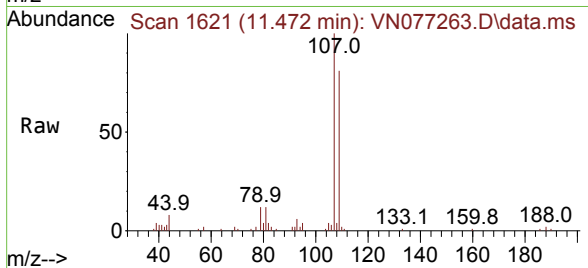




#61
1,2-Dibromoethane
Concen: 4.709 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

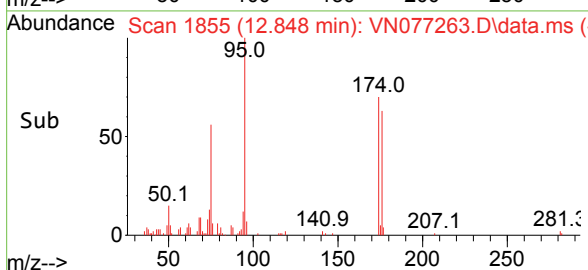
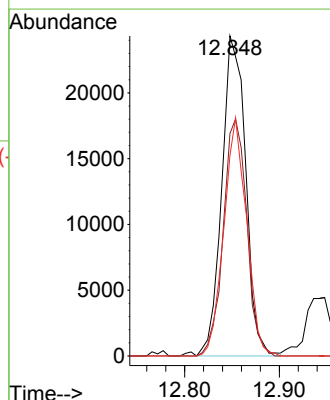
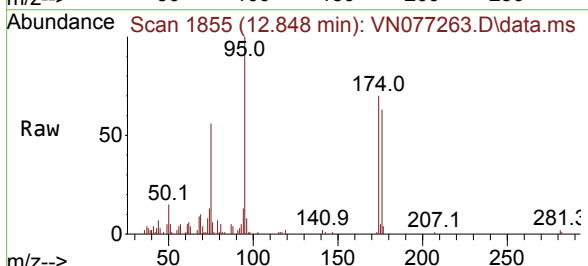
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

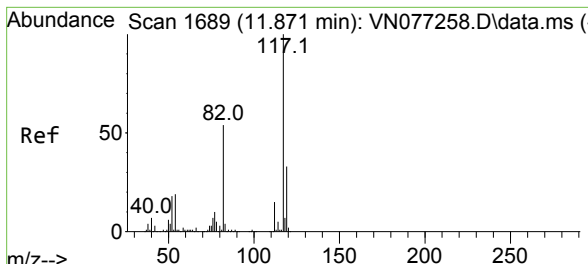
Tgt Ion:107 Resp: 33493
Ion Ratio Lower Upper
107 100
109 90.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 5.292 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



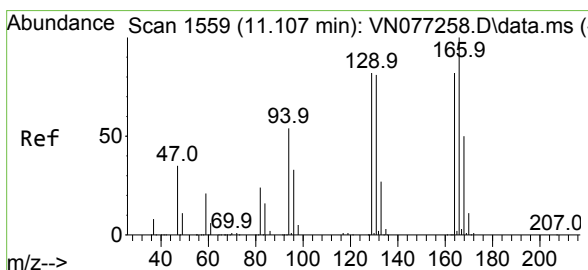
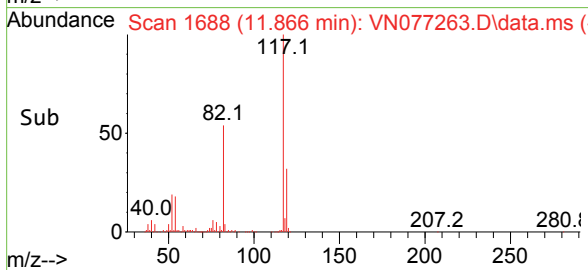
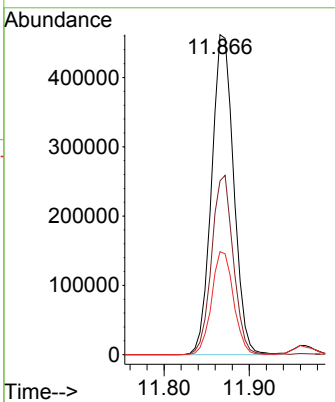
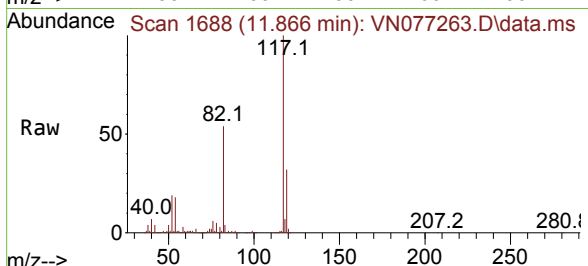


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.866 min Scan# 1688
 Delta R.T. -0.005 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:117 Resp: 833033

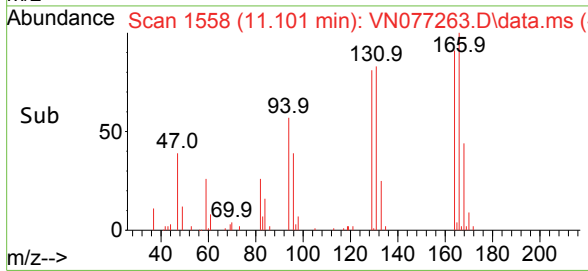
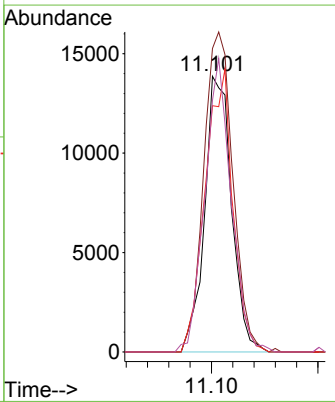
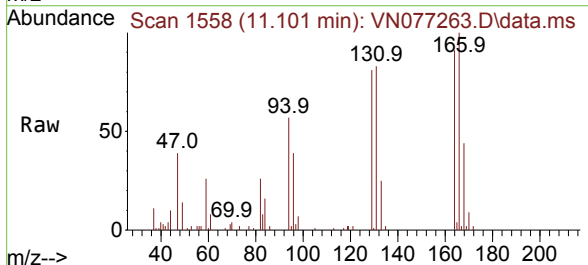
Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.9	64.3
119	32.2	26.2	39.4

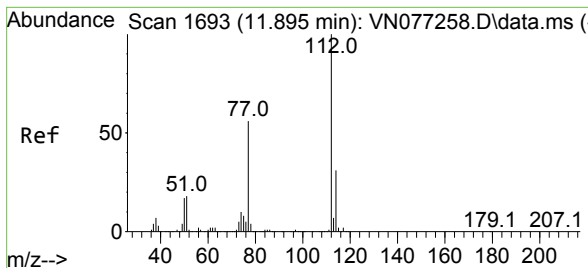


#64
 Tetrachloroethene
 Concen: 4.746 ug/l
 RT: 11.101 min Scan# 1558
 Delta R.T. -0.006 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

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

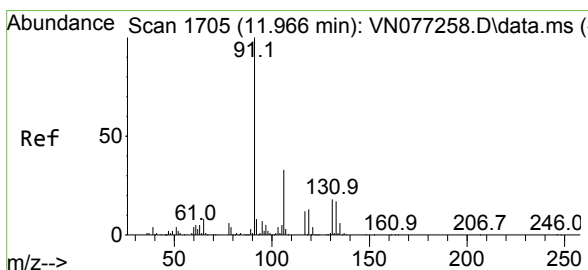
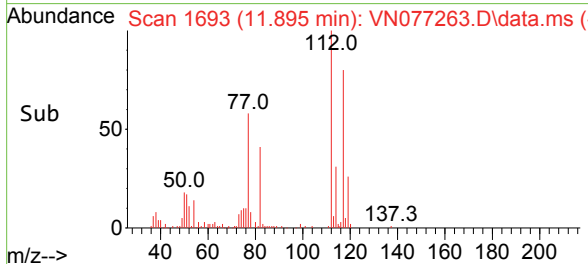
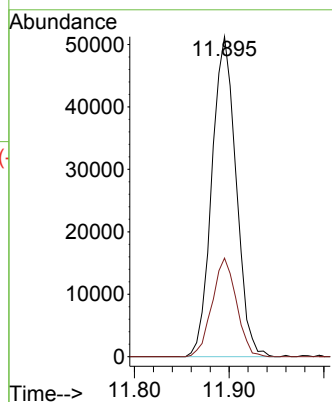
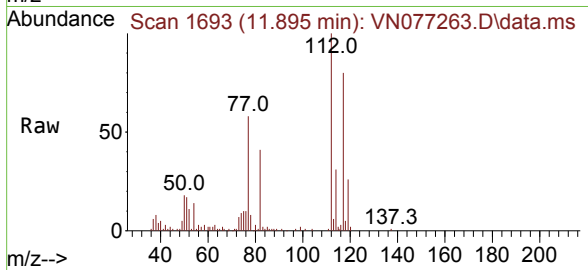




#65
Chlorobenzene
Concen: 4.964 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

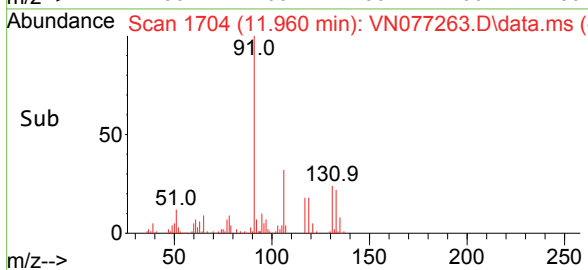
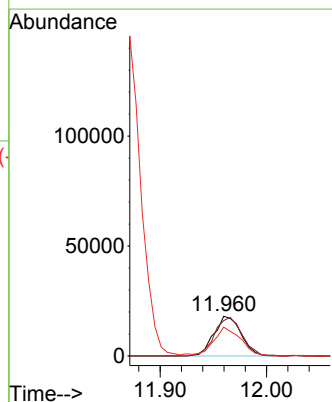
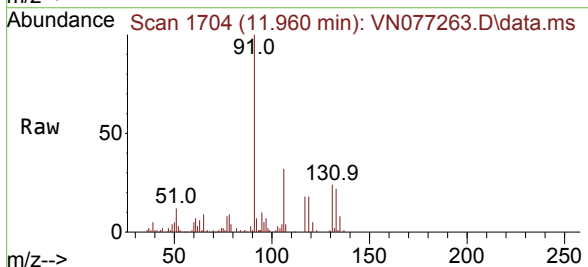
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

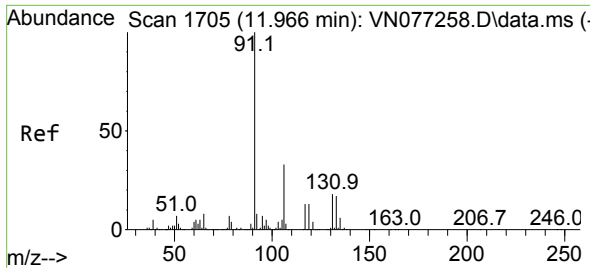
Tgt Ion:112 Resp: 91035
Ion Ratio Lower Upper
112 100
114 30.8 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 4.594 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

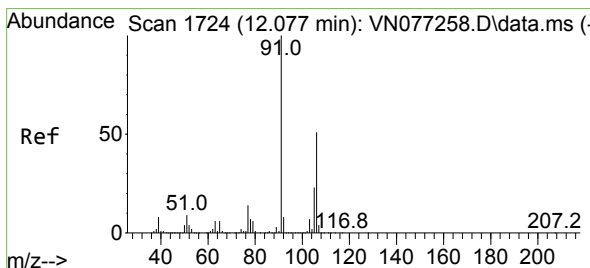
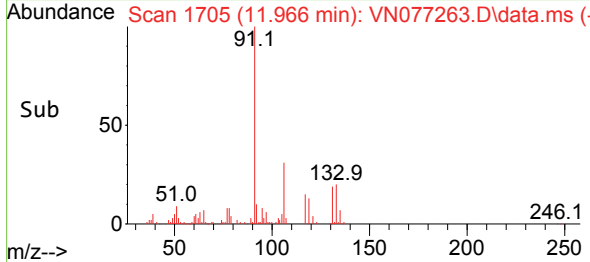
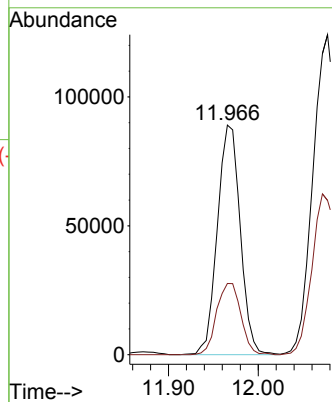
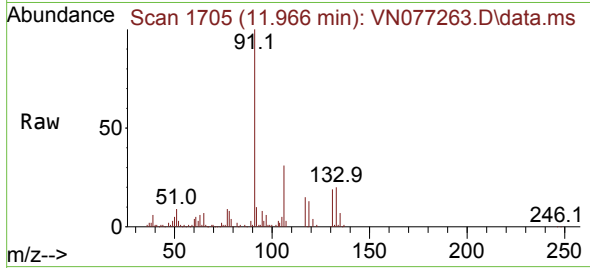




#67
Ethyl Benzene
Concen: 4.661 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

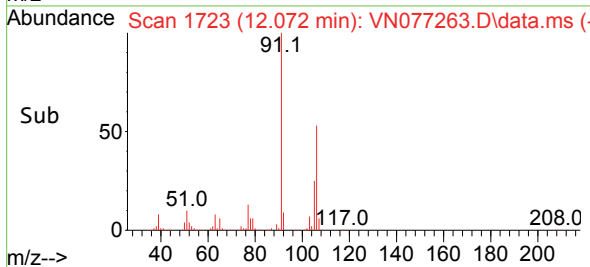
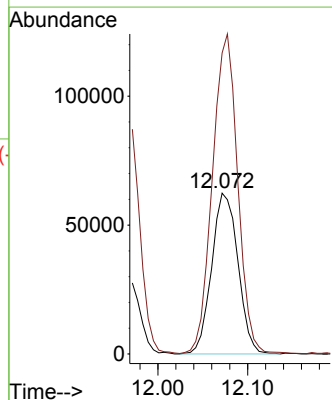
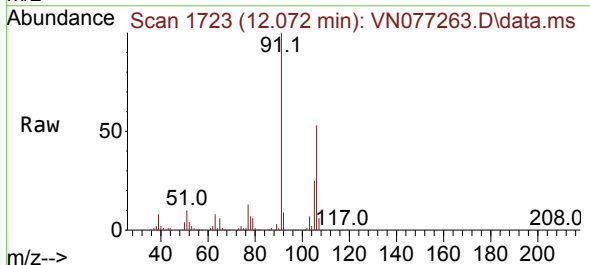
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

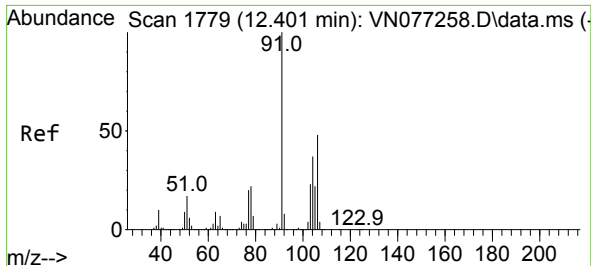
Tgt Ion: 91 Resp: 157761
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.2



#68
m/p-Xylenes
Concen: 9.528 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

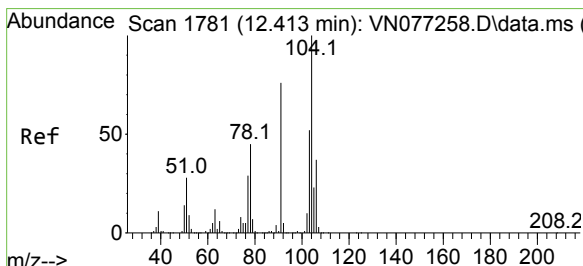
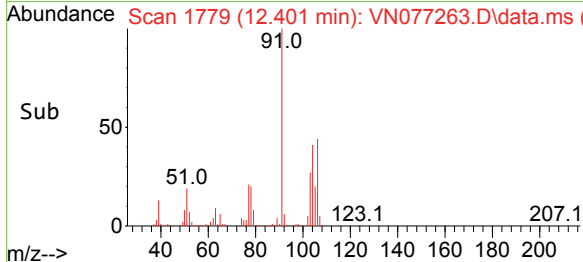
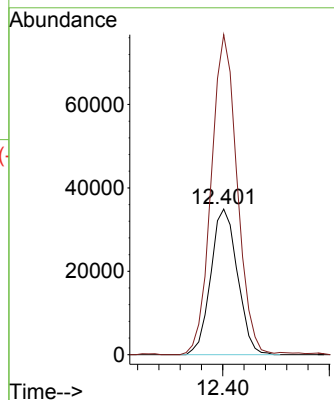
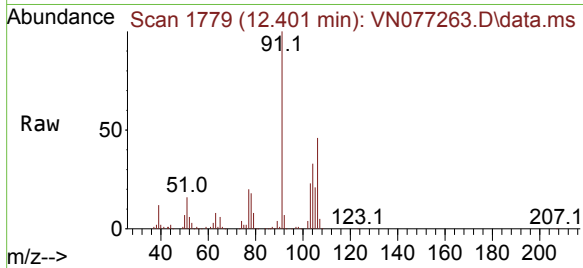




#69
o-Xylene
Concen: 4.627 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

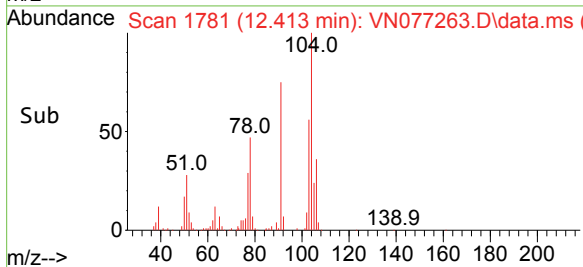
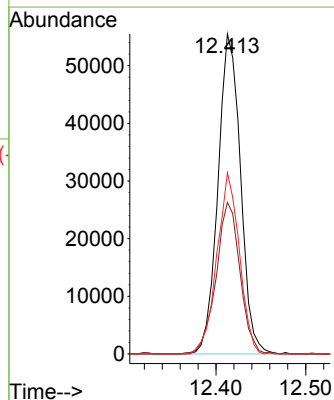
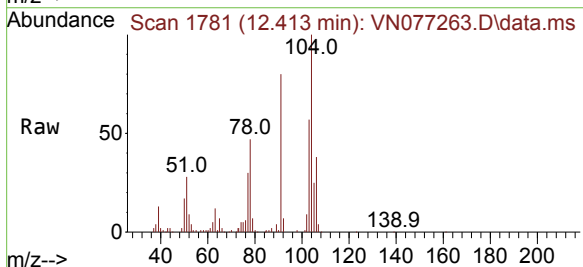
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

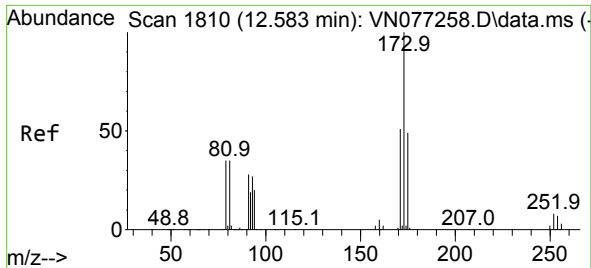
Tgt Ion:106 Resp: 60700
Ion Ratio Lower Upper
106 100
91 215.1 104.0 312.0



#70
Styrene
Concen: 4.584 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

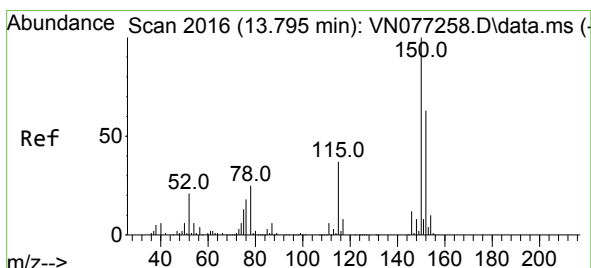
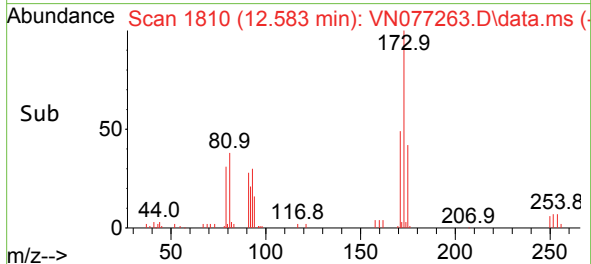
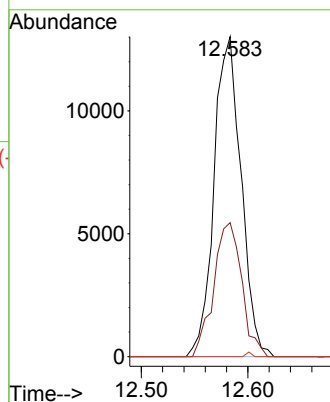
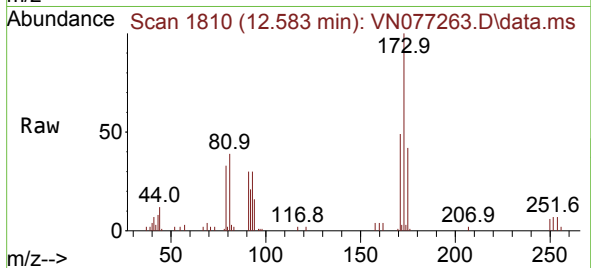




#71
Bromoform
Concen: 4.692 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

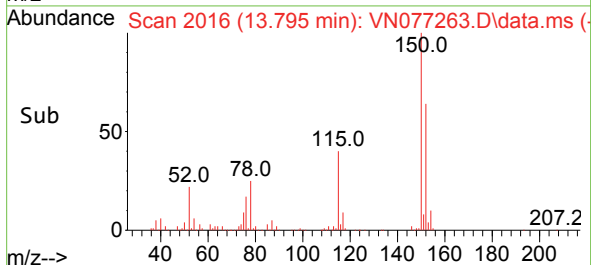
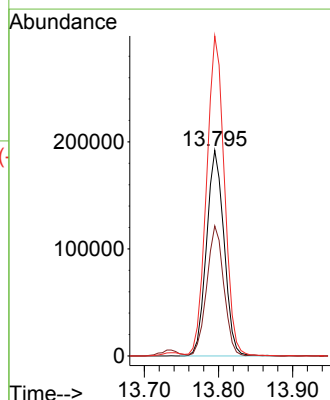
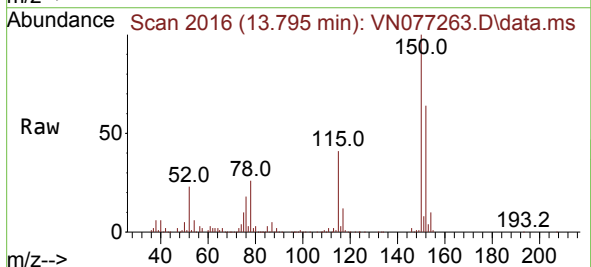
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

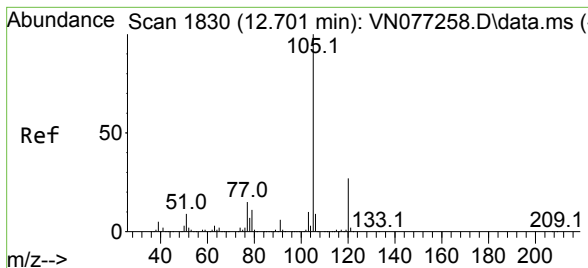
Tgt Ion:173 Resp: 22919
Ion Ratio Lower Upper
173 100
175 43.5 24.1 72.4
254 0.3 0.1 0.1#



#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: 5.010 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 :

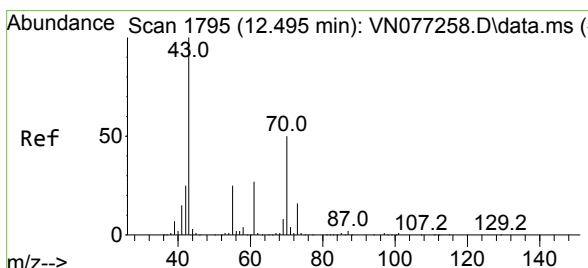
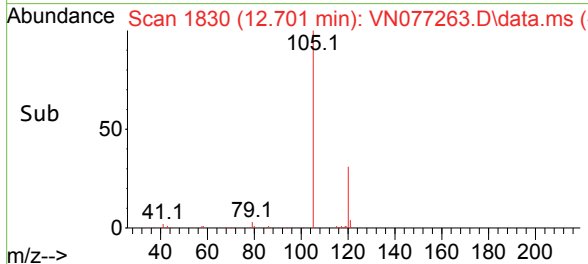
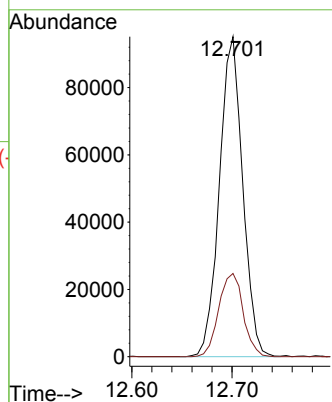
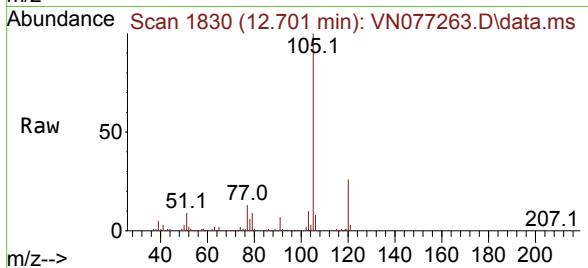
VSTDIC005

Tgt Ion:105 Resp: 153480

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.6



#74

N-ethyl acetate

Concen: 4.951 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

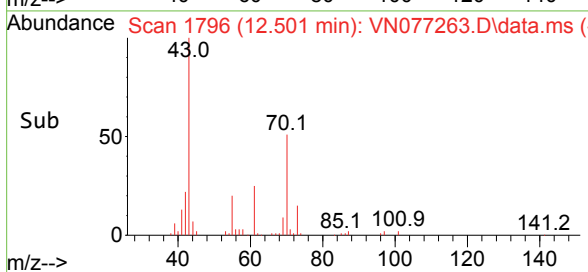
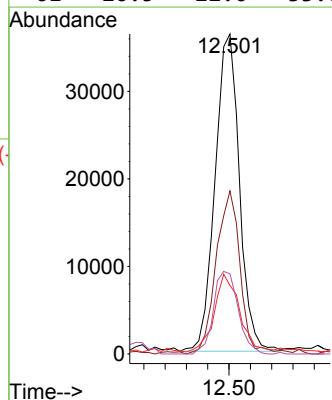
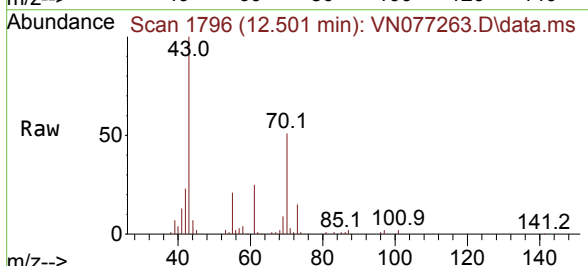
Ion Ratio Lower Upper

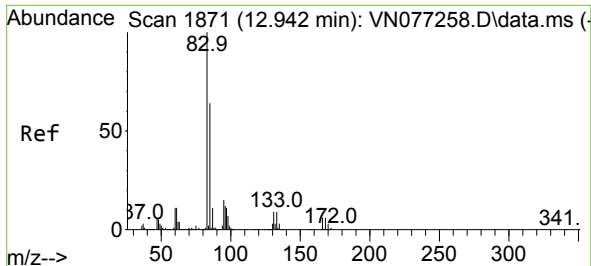
43 100

70 50.8 41.0 61.6

55 25.3 19.3 28.9

61 26.5 22.0 33.0

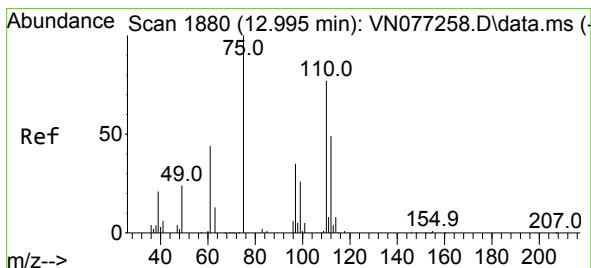
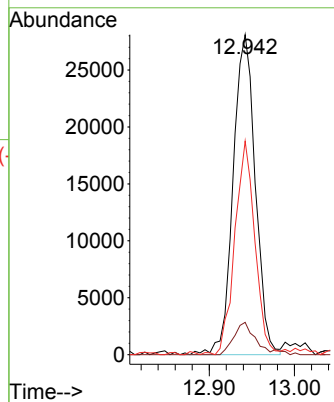
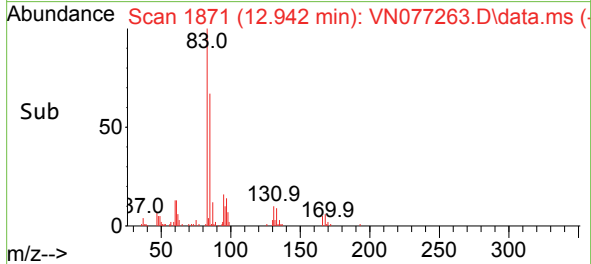
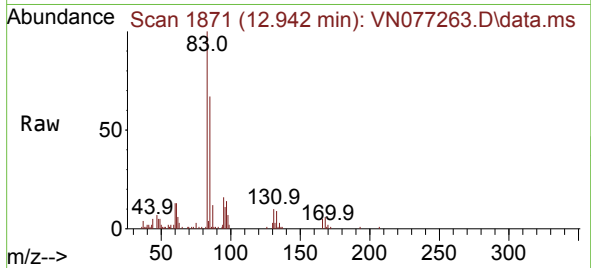




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.297 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

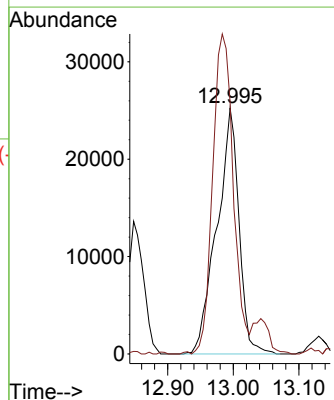
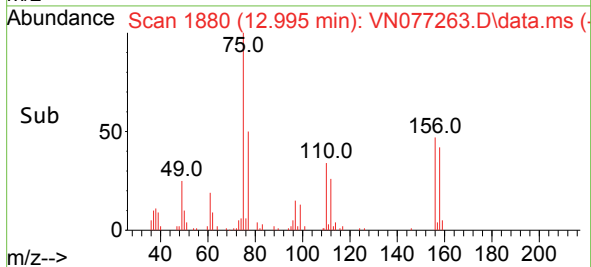
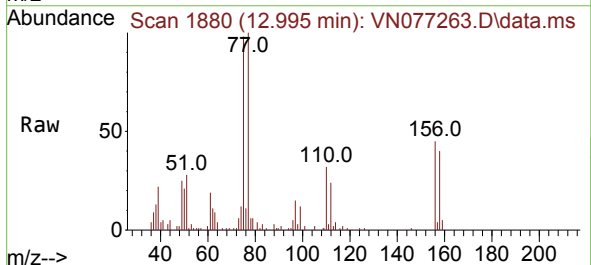
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

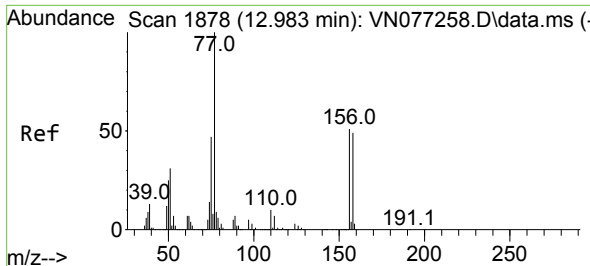
Tgt Ion: 83 Resp: 50930
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.6
 85 60.3 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 7.858 ug/l
 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: 59018
 Ion Ratio Lower Upper
 75 100
 77 121.3 88.3 264.9

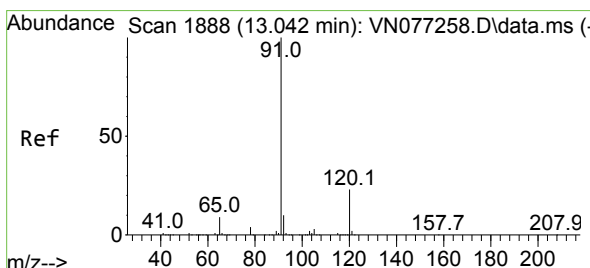
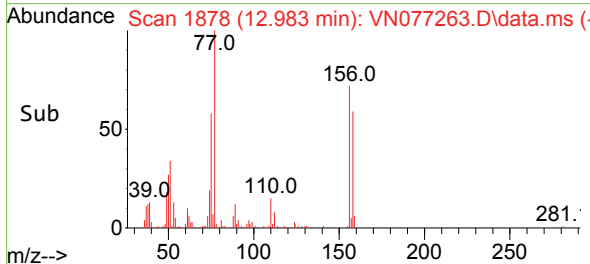
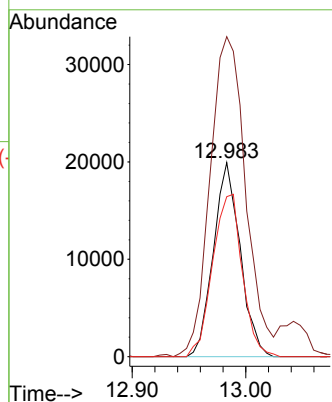
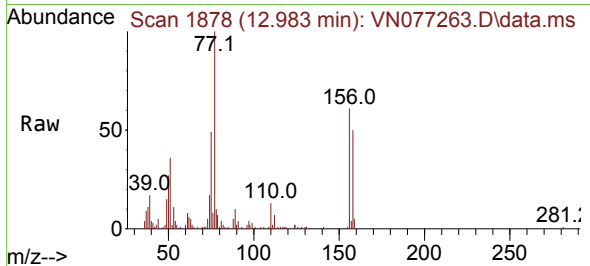




#77
Bromobenzene
Concen: 5.250 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

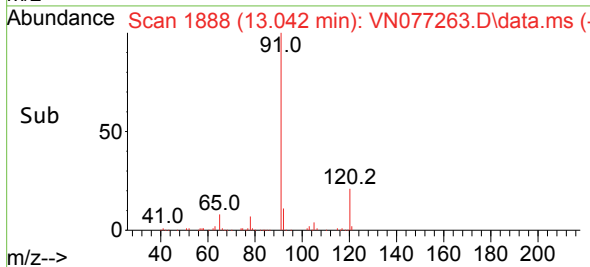
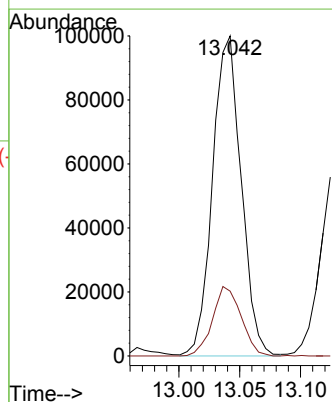
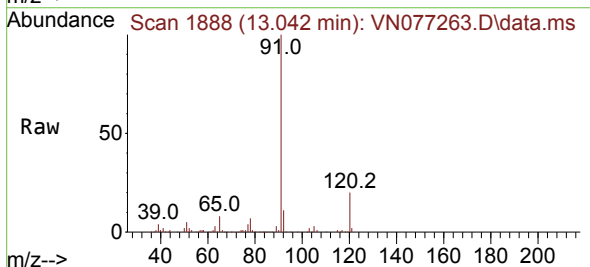
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

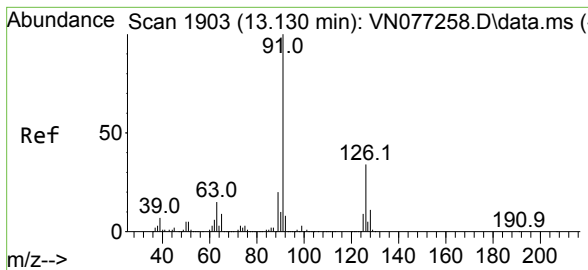
Tgt Ion:156 Resp: 32701
Ion Ratio Lower Upper
156 100
77 219.0 115.3 345.8
158 92.7 49.3 147.8



#78
n-propylbenzene
Concen: 4.834 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

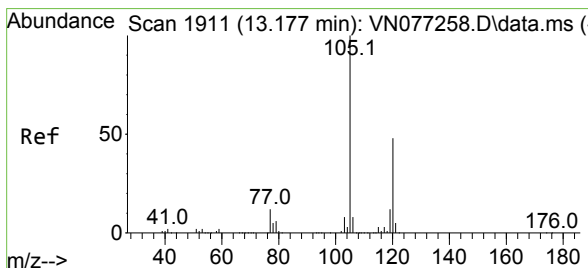
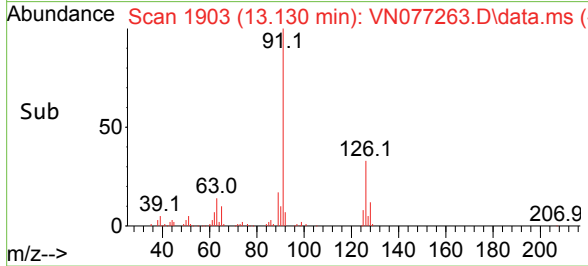
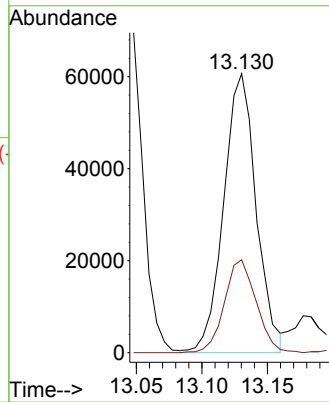
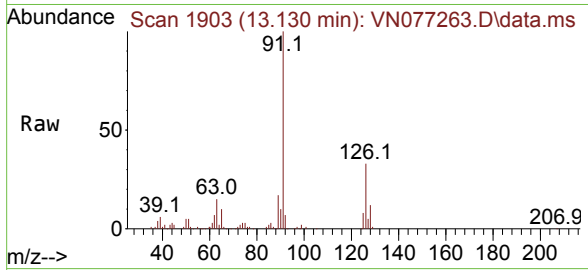




#79
2-Chlorotoluene
Concen: 5.125 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

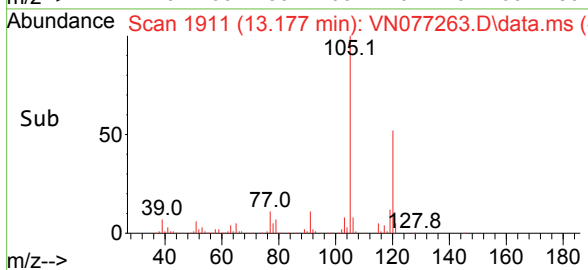
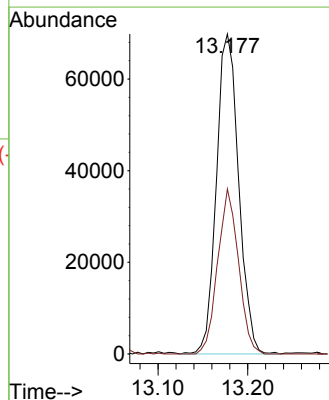
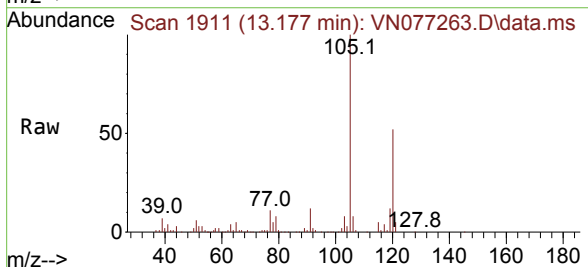
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

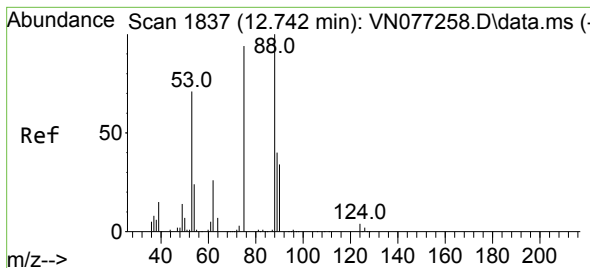
Tgt Ion: 91 Resp: 104467
Ion Ratio Lower Upper
91 100
126 32.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 4.912 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

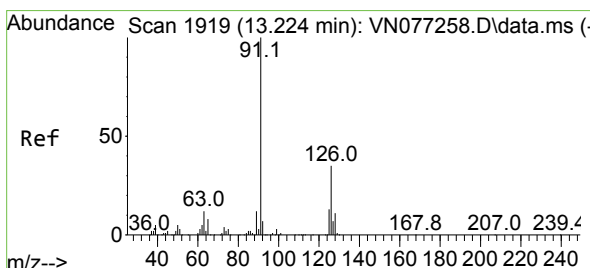
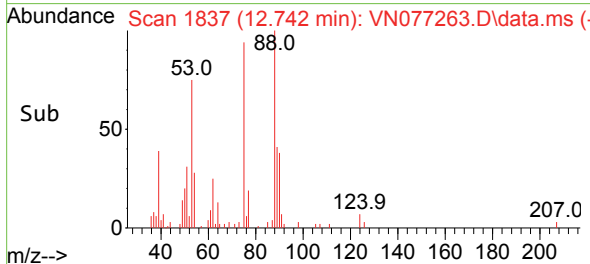
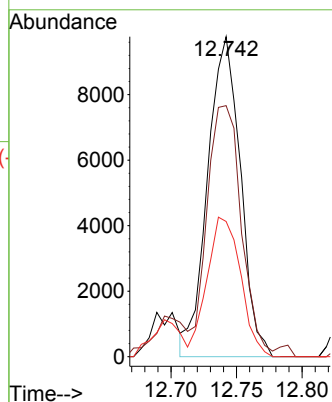
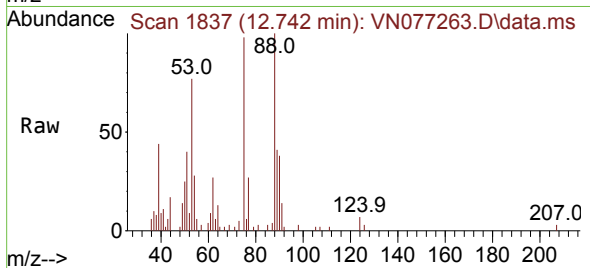




#81
trans-1,4-Dichloro-2-butene
Concen: 5.088 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077263.D
Acq: 05 Apr 2023 14:29

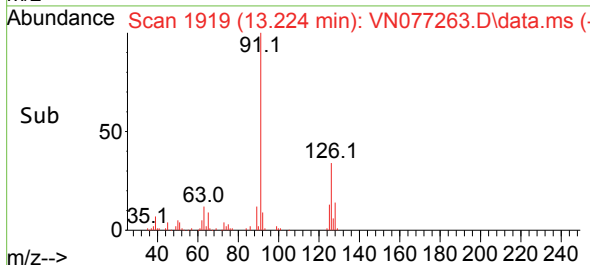
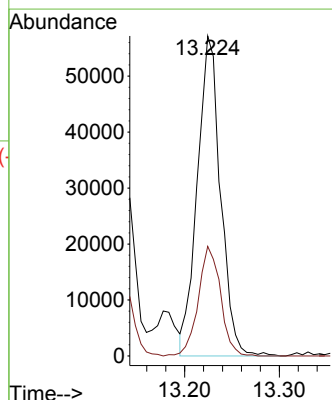
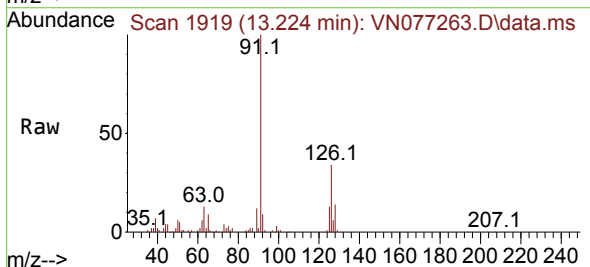
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

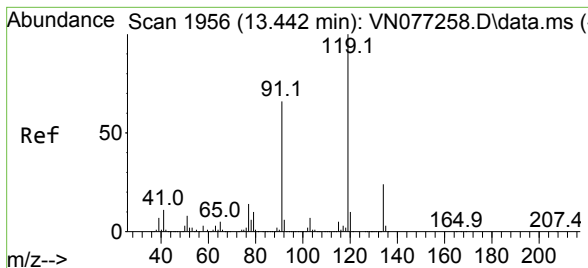
Tgt Ion: 75 Resp: 16982
Ion Ratio Lower Upper
75 100
53 79.2 72.8 109.2
89 44.7 37.4 56.2



#82
4-Chlorotoluene
Concen: 5.065 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: 4.969 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

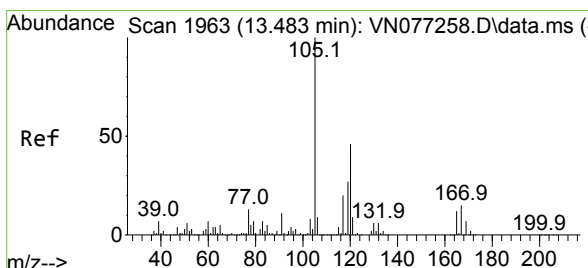
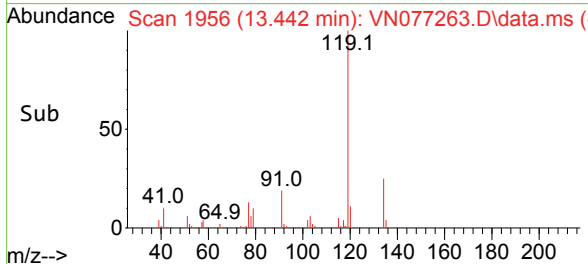
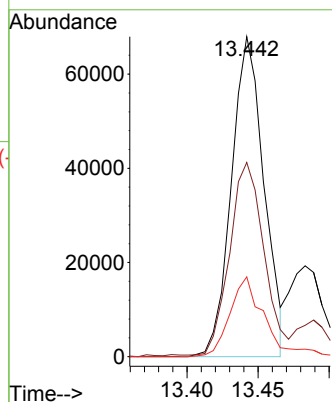
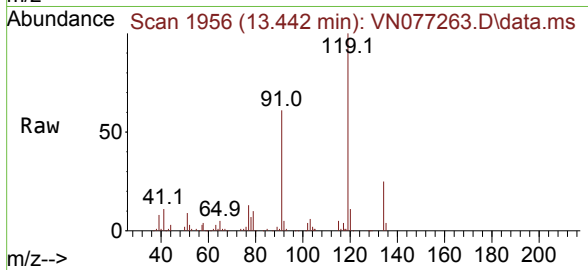
Tgt Ion:119 Resp: 108225

Ion Ratio Lower Upper

119 100

91 65.3 33.5 100.4

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 4.761 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077263.D

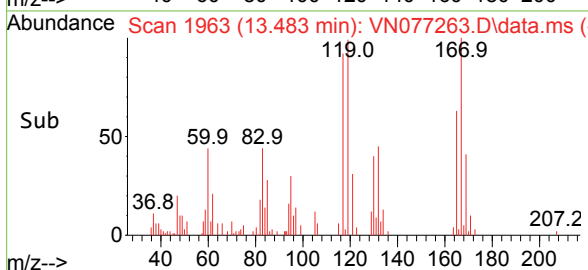
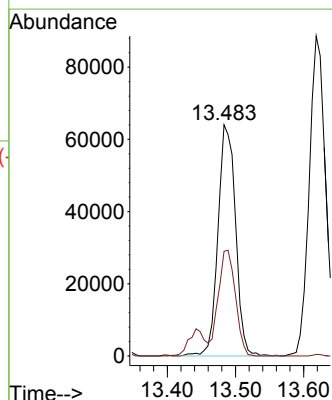
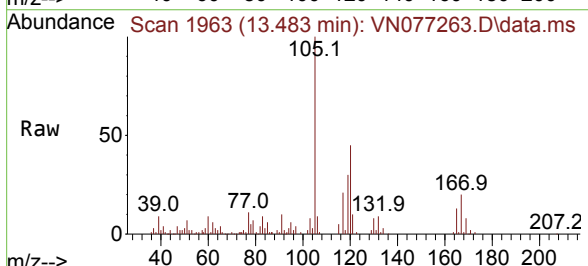
Acq: 05 Apr 2023 14:29

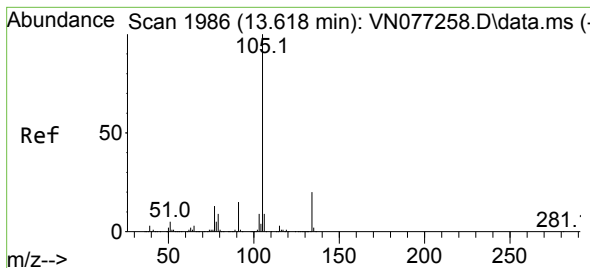
Tgt Ion:105 Resp: 115078

Ion Ratio Lower Upper

105 100

120 44.7 22.5 67.5





#85

sec-Butylbenzene

Concen: 4.832 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 :

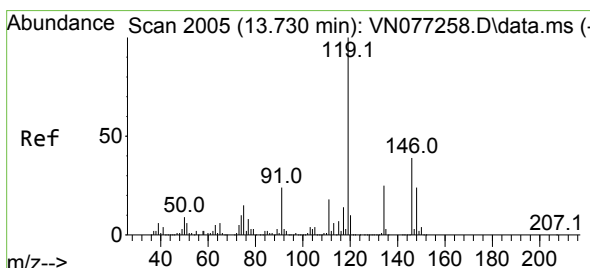
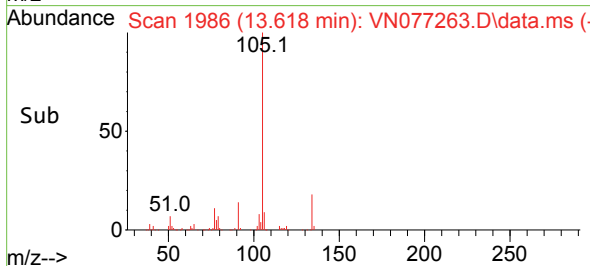
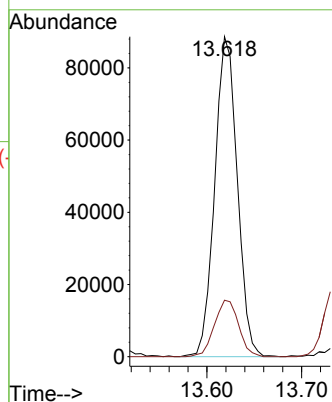
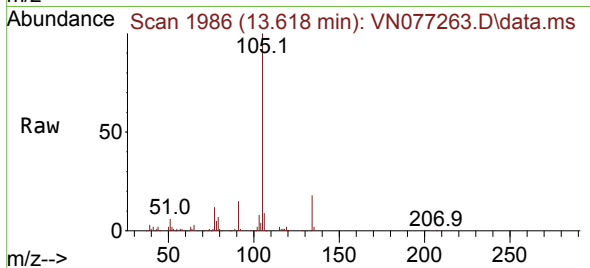
VSTDIC005

Tgt Ion:105 Resp: 146670

Ion Ratio Lower Upper

105 100

134 18.9 9.8 29.4



#86

p-Isopropyltoluene

Concen: 4.739 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

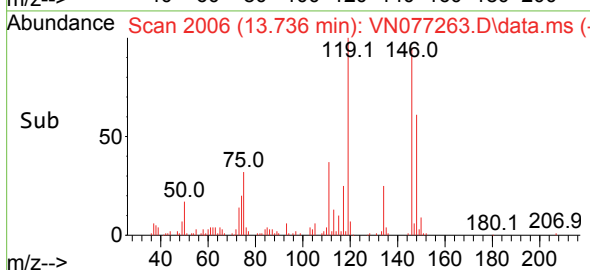
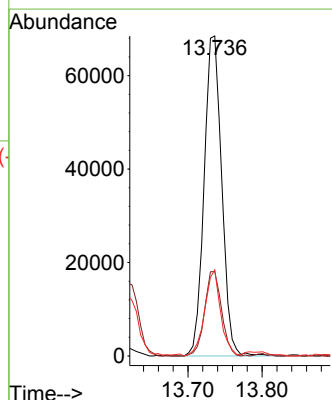
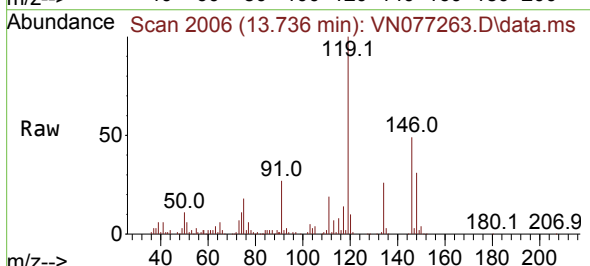
Tgt Ion:119 Resp: 113044

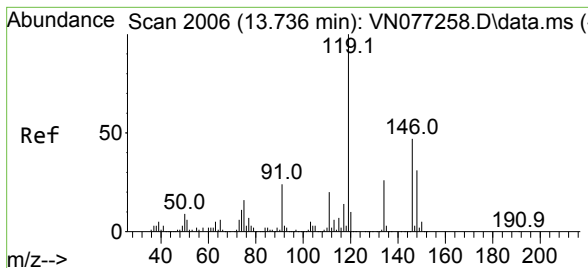
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 4.928 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

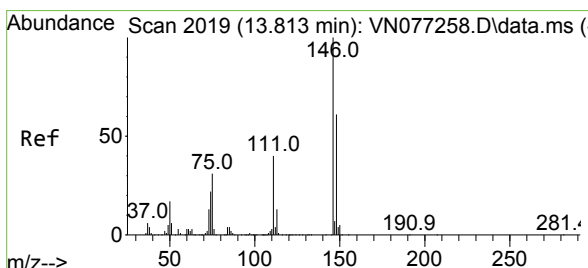
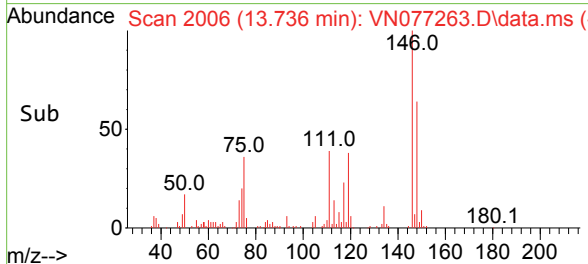
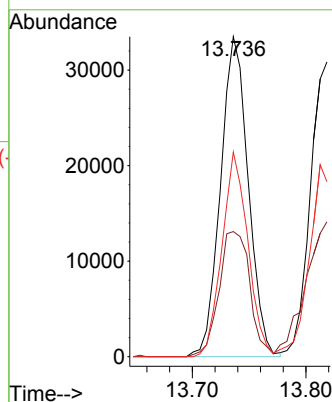
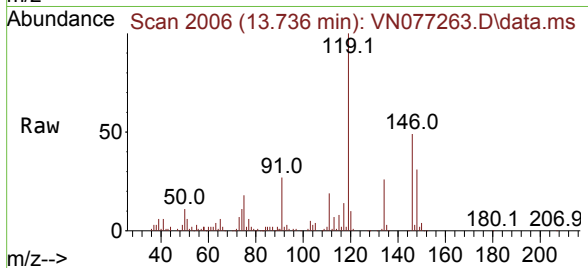
Tgt Ion:146 Resp: 56787

Ion Ratio Lower Upper

146 100

111 43.5 21.8 65.4

148 59.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 4.672 ug/l

RT: 13.818 min Scan# 2020

Delta R.T. 0.005 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

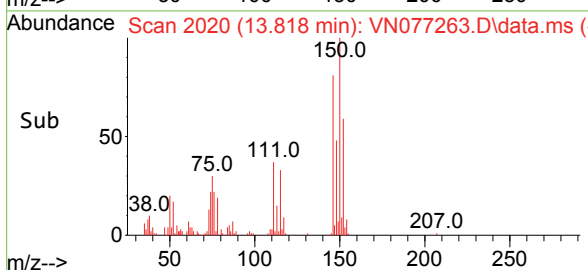
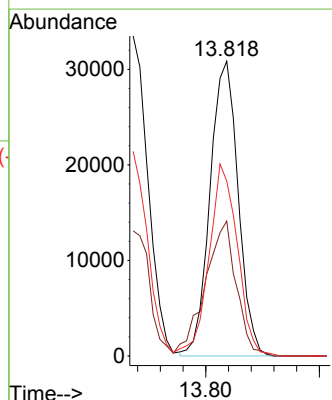
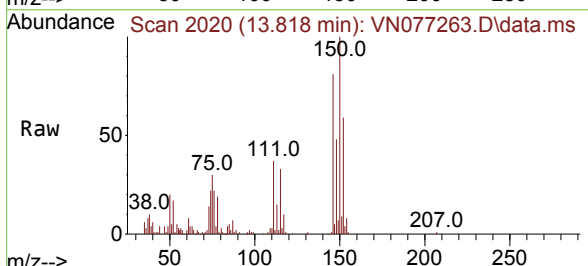
Tgt Ion:146 Resp: 53097

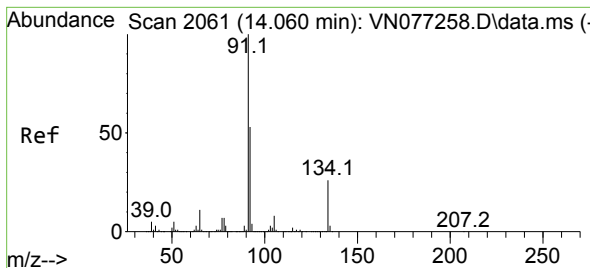
Ion Ratio Lower Upper

146 100

111 50.7 20.4 61.2

148 65.7 31.6 95.0





#89

n-Butylbenzene

Concen: 4.585 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

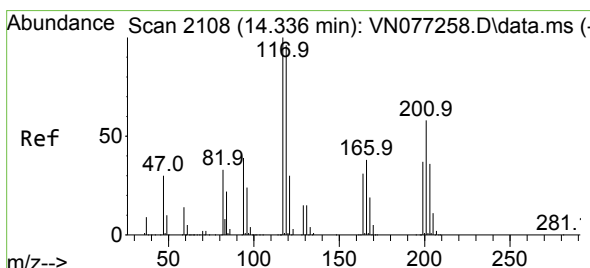
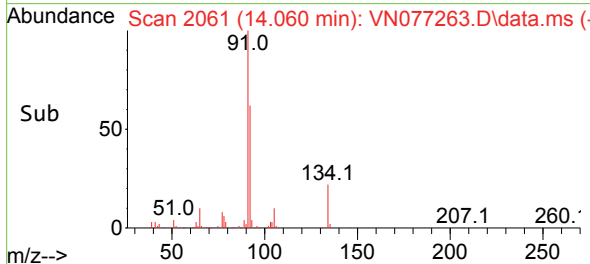
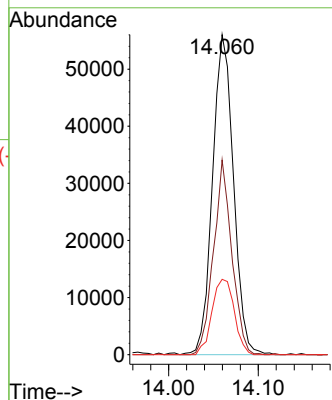
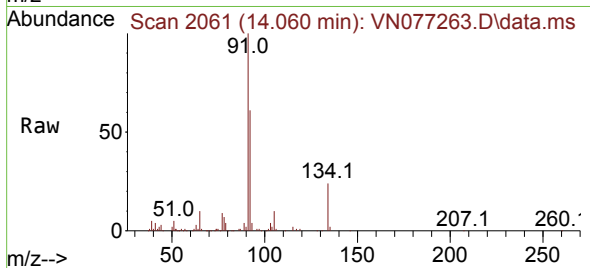
Tgt Ion: 91 Resp: 90797

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

134 25.1 12.8 38.3



#90

Hexachloroethane

Concen: 4.880 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077263.D

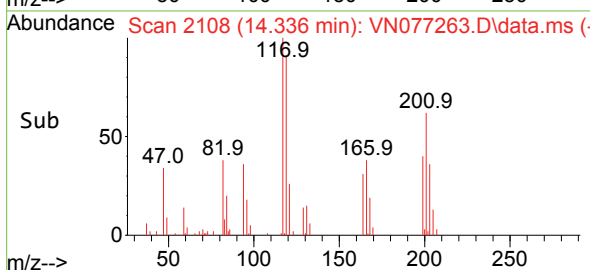
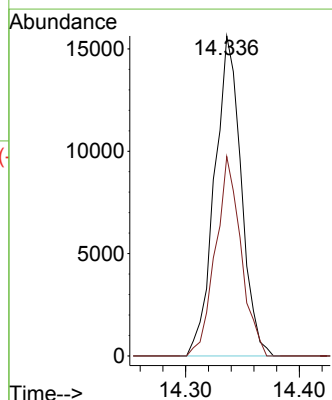
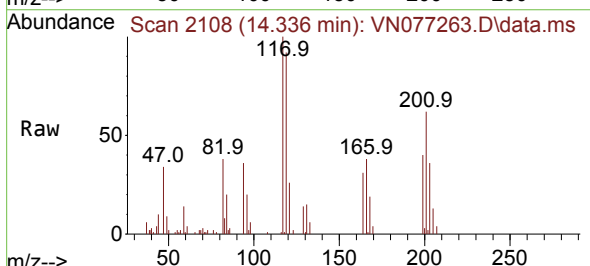
Acq: 05 Apr 2023 14:29

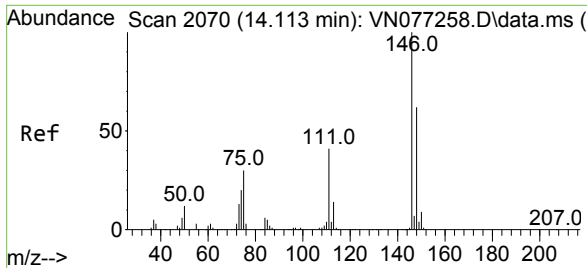
Tgt Ion: 117 Resp: 25452

Ion Ratio Lower Upper

117 100

201 59.7 29.8 89.5

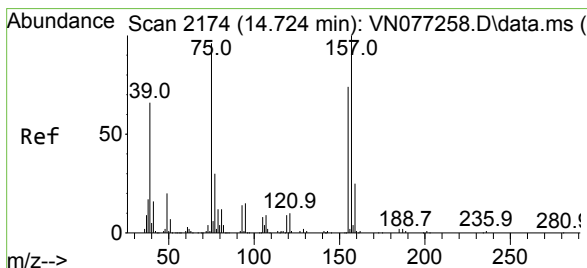
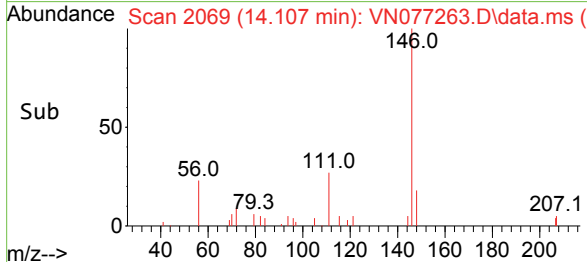
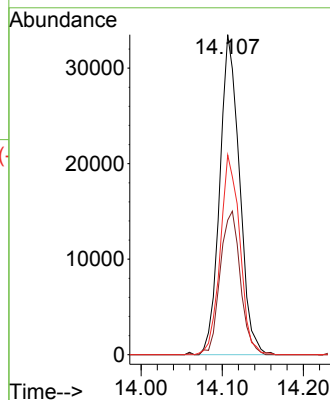
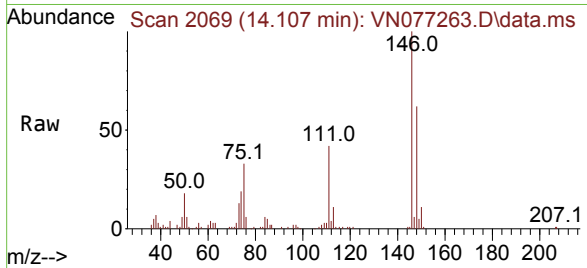




#91
 1,2-Dichlorobenzene
 Concen: 4.916 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.006 min
 Lab File: VN077263.D
 Acq: 05 Apr 2023 14:29

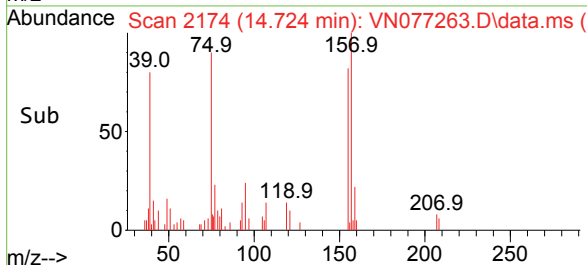
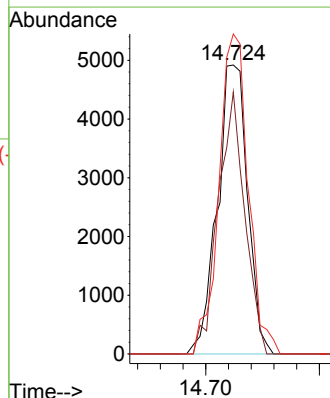
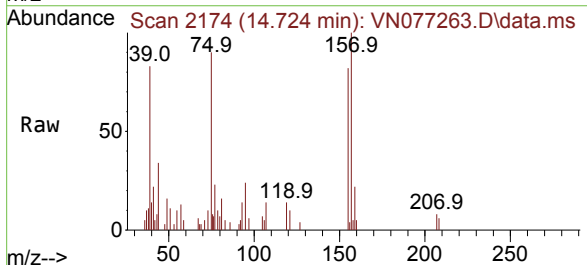
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

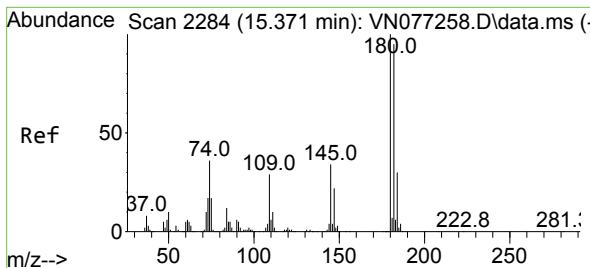
Tgt Ion:146 Resp: 56674
 Ion Ratio Lower Upper
 146 100
 111 46.1 21.9 65.5
 148 61.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.980 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: 3.795 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 :

VSTDICC005

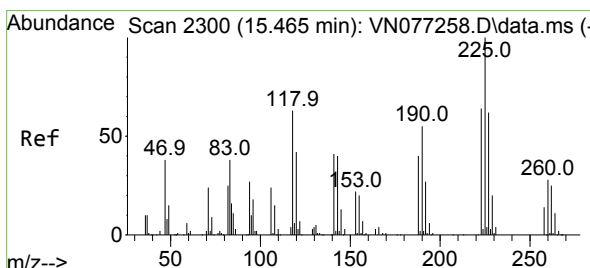
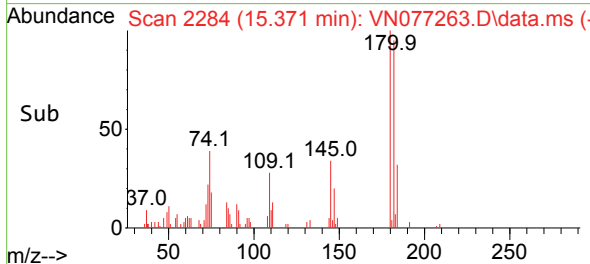
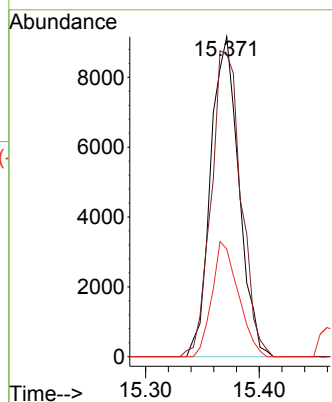
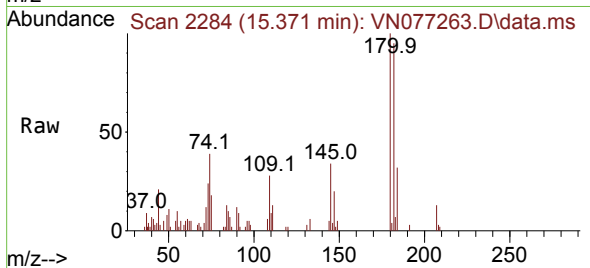
Tgt Ion:180 Resp: 15795

Ion Ratio Lower Upper

180 100

182 101.2 46.7 140.0

145 33.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 4.993 ug/l

RT: 15.471 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VN077263.D

Acq: 05 Apr 2023 14:29

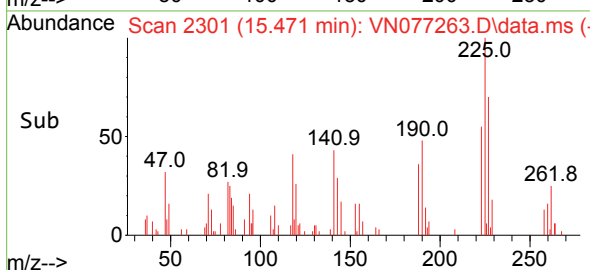
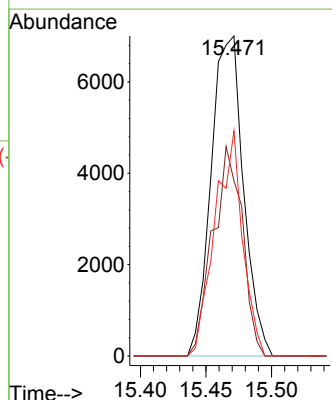
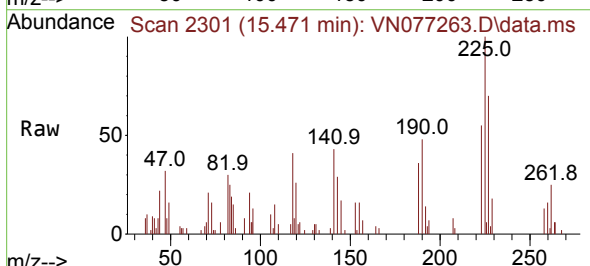
Tgt Ion:225 Resp: 12029

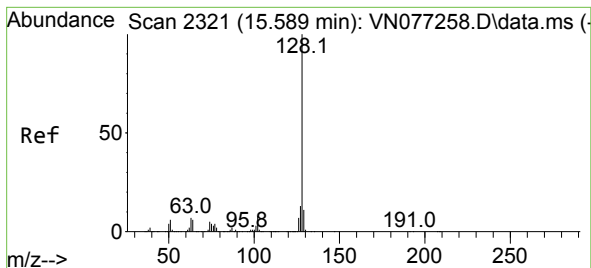
Ion Ratio Lower Upper

225 100

223 59.5 31.7 95.1

227 60.0 31.2 93.6





#95

Naphthalene

Concen: 3.753 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

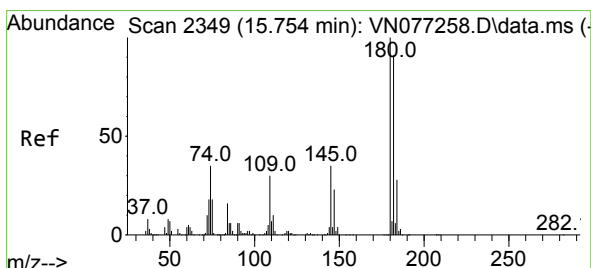
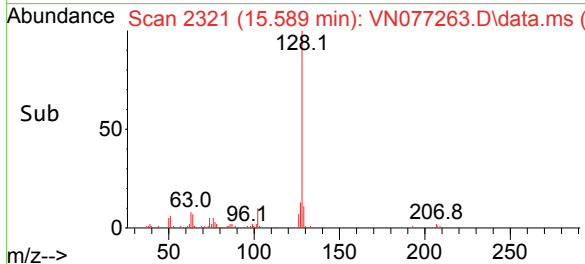
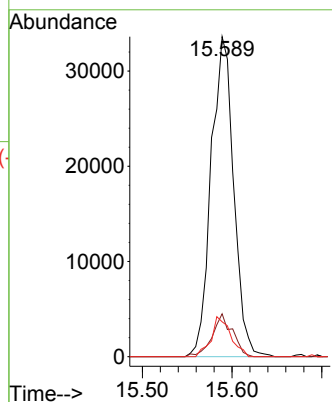
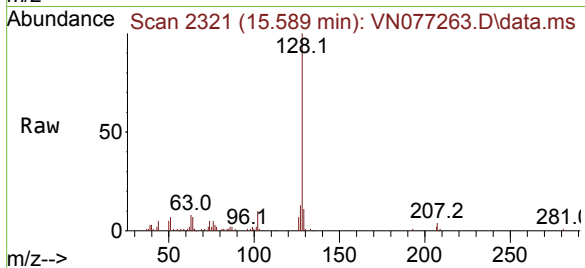
Tgt Ion:128 Resp: 58669

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 3.824 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

