

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077264.D
 Acq On : 05 Apr 2023 16:28
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 06 09:30:20 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	502715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	954576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	810202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	295989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	7133	1.038	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.080%#
35) Dibromofluoromethane	8.178	113	6195	1.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.020%#
50) Toluene-d8	10.572	98	20953	0.852	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.700%#
62) 4-Bromofluorobenzene	12.854	95	7330	0.896	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	6886	1.073	ug/l	87
3) Chloromethane	2.372	50	9572	1.204	ug/l	94
4) Vinyl Chloride	2.525	62	10847	1.006	ug/l	91
5) Bromomethane	2.966	94	14211	1.818	ug/l	98
6) Chloroethane	3.137	64	6763	0.879	ug/l	100
7) Trichlorofluoromethane	3.513	101	8923	0.955	ug/l #	81
8) Diethyl Ether	3.960	74	4147	1.059	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.372	101	5399	0.944	ug/l #	62
10) Methyl Iodide	4.601	142	6950	0.999	ug/l #	87
11) Tert butyl alcohol	5.525	59	8366	5.967	ug/l #	89
12) 1,1-Dichloroethene	4.348	96	7194	1.222	ug/l #	76
13) Acrolein	4.196	56	8036	6.052	ug/l	92
14) Allyl chloride	5.037	41	4672	0.525	ug/l #	19
15) Acrylonitrile	5.725	53	15863	5.118	ug/l	90
16) Acetone	4.448	43	13279	5.242	ug/l	89
17) Carbon Disulfide	4.725	76	17961	1.131	ug/l #	88
18) Methyl Acetate	5.043	43	9339	0.968	ug/l #	88
19) Methyl tert-butyl Ether	5.807	73	20369	0.975	ug/l #	89
20) Methylene Chloride	5.278	84	4906	0.686	ug/l #	89
21) trans-1,2-Dichloroethene	5.801	96	7809	1.211	ug/l #	74
22) Diisopropyl ether	6.678	45	16465	0.923	ug/l	93
23) Vinyl Acetate	6.619	43	54095	4.487	ug/l	96
24) 1,1-Dichloroethane	6.560	63	5614	0.488	ug/l #	93
25) 2-Butanone	7.501	43	20165	4.905	ug/l	90
26) 2,2-Dichloropropane	7.489	77	12085	1.145	ug/l	95
27) cis-1,2-Dichloroethene	7.495	96	8434	1.071	ug/l	94
28) Bromochloromethane	7.813	49	5087	1.098	ug/l #	99
29) Tetrahydrofuran	7.848	42	13833	5.234	ug/l	94
30) Chloroform	7.966	83	13554	1.104	ug/l	99
31) Cyclohexane	8.225	56	20983	1.965	ug/l #	36
32) 1,1,1-Trichloroethane	8.178	97	11459	1.026	ug/l #	45
36) 1,1-Dichloropropene	8.383	75	9287	1.028	ug/l #	89
37) Ethyl Acetate	7.572	43	6817	0.843	ug/l #	82
38) Carbon Tetrachloride	8.366	117	9840	1.063	ug/l #	74
39) Methylcyclohexane	9.607	83	12954	1.063	ug/l	91
40) Benzene	8.613	78	28435	1.009	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	4946	1.138	ug/l #	77
42) 1,2-Dichloroethane	8.678	62	8281	0.954	ug/l	96
43) Isopropyl Acetate	8.689	43	15441	1.035	ug/l	98
44) Trichloroethene	9.360	130	6936	1.028	ug/l	98
45) 1,2-Dichloropropane	9.625	63	6883	1.028	ug/l	95
46) Dibromomethane	9.719	93	4764	0.944	ug/l #	83
47) Bromodichloromethane	9.889	83	10451	1.037	ug/l #	89
48) Methyl methacrylate	9.689	41	5623	0.883	ug/l	93
49) 1,4-Dioxane	9.701	88	3617	23.438	ug/l #	77
51) 4-Methyl-2-Pentanone	10.448	43	39258	4.552	ug/l	100
52) Toluene	10.630	92	17257	0.935	ug/l	94
53) t-1,3-Dichloropropene	10.836	75	10314	0.942	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	11168	0.958	ug/l	95
55) 1,1,2-Trichloroethane	11.013	97	7518	1.038	ug/l #	72
56) Ethyl methacrylate	10.877	69	11630	1.031	ug/l #	81
57) 1,3-Dichloropropane	11.160	76	11238	0.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	13337	3.971	ug/l	99
59) 2-Hexanone	11.201	43	30072	4.680	ug/l	98
60) Dibromochloromethane	11.366	129	7014	0.940	ug/l	93
61) 1,2-Dibromoethane	11.471	107	7064	0.977	ug/l	93
64) Tetrachloroethene	11.113	164	5811	1.161	ug/l #	78
65) Chlorobenzene	11.895	112	18862	1.057	ug/l #	76
66) 1,1,1,2-Tetrachloroethane	11.966	131	6223	0.922	ug/l #	56
67) Ethyl Benzene	11.966	91	32942	1.001	ug/l	89
68) m/p-Xylenes	12.077	106	24014	1.857	ug/l	95
69) o-Xylene	12.401	106	12416	0.973	ug/l	95
70) Styrene	12.418	104	18112	0.882	ug/l	98
71) Bromoform	12.583	173	4503	0.948	ug/l #	96
73) Isopropylbenzene	12.701	105	29947	1.042	ug/l	97
74) N-amyl acetate	12.495	43	11629	1.067	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	10130	1.123	ug/l	93
76) 1,2,3-Trichloropropane	12.995	75	11598	1.646	ug/l	60
77) Bromobenzene	12.989	156	5988	1.024	ug/l	96
78) n-propylbenzene	13.036	91	31594	0.995	ug/l	95
79) 2-Chlorotoluene	13.124	91	20078	1.050	ug/l	97
80) 1,3,5-Trimethylbenzene	13.183	105	21084	0.918	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.742	75	3335	1.065	ug/l	89
82) 4-Chlorotoluene	13.230	91	19810	1.098	ug/l	91
83) tert-Butylbenzene	13.436	119	21025	1.029	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	18543	0.817	ug/l	97
85) sec-Butylbenzene	13.618	105	29063	1.020	ug/l	99
86) p-Isopropyltoluene	13.736	119	20059	0.896	ug/l	92
87) 1,3-Dichlorobenzene	13.742	146	11480	1.062	ug/l	98
88) 1,4-Dichlorobenzene	13.742	146	11480	1.076	ug/l	96
89) n-Butylbenzene	14.065	91	18047	0.971	ug/l	99
90) Hexachloroethane	14.336	117	4734	0.967	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	11190	1.034	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	1684	0.985	ug/l	97
93) 1,2,4-Trichlorobenzene	15.371	180	4006	1.026	ug/l	94
94) Hexachlorobutadiene	15.465	225	2298	1.016	ug/l	95
95) Naphthalene	15.589	128	11569	0.789	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.765	180	3396	0.909	ug/l	94

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

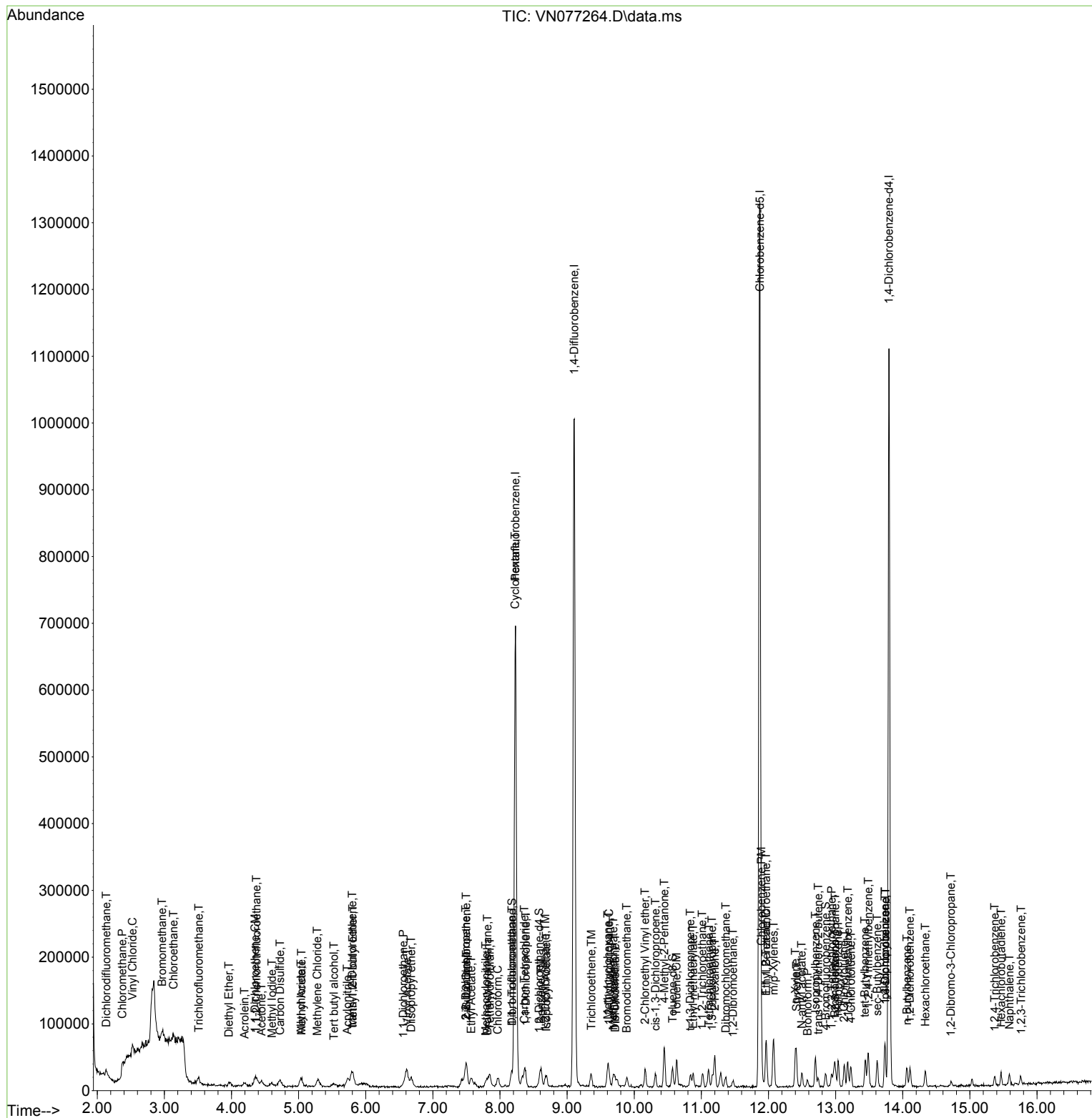
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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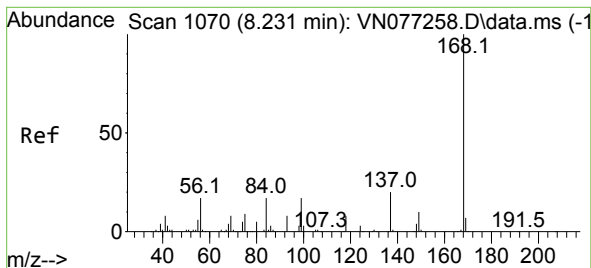
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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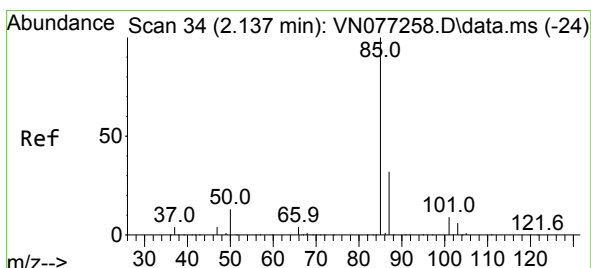
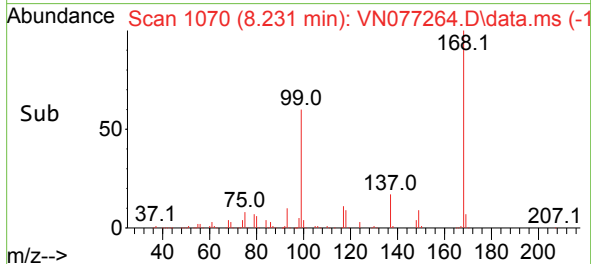
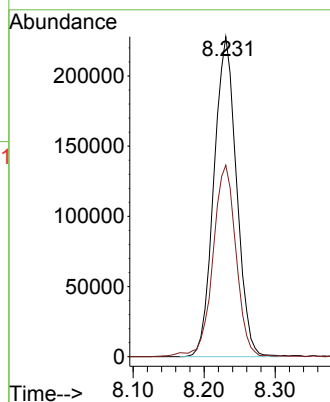
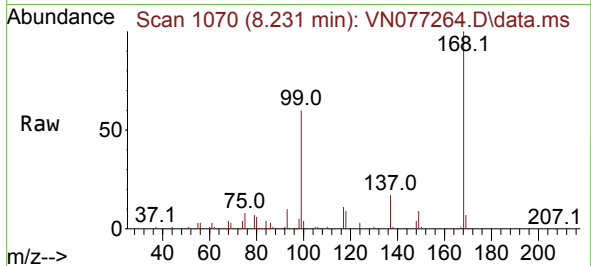




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
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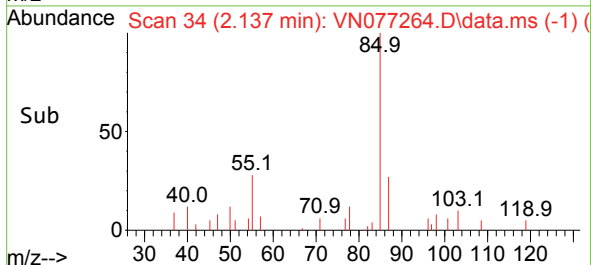
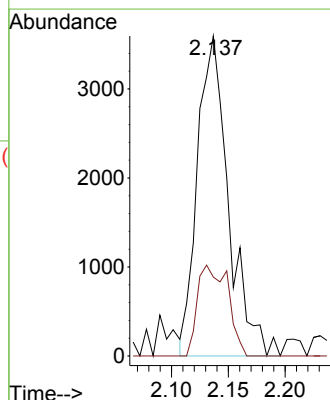
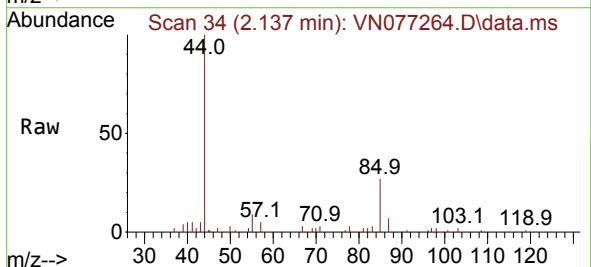
Instrument :
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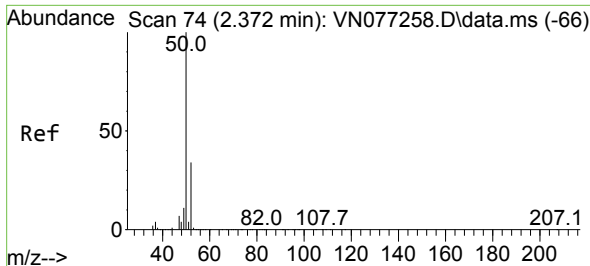
Tgt Ion:168 Resp: 502715
Ion Ratio Lower Upper
168 100
99 59.6 50.6 75.8



#2
Dichlorodifluoromethane
Concen: 1.073 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 85 Resp: 6886
Ion Ratio Lower Upper
85 100
87 24.6 16.1 48.2

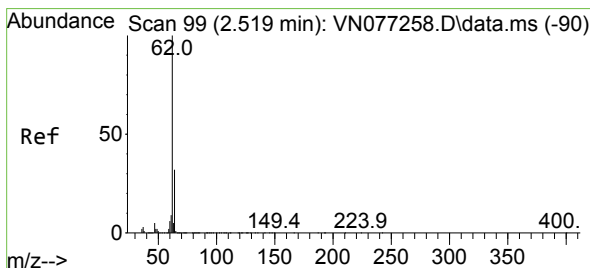
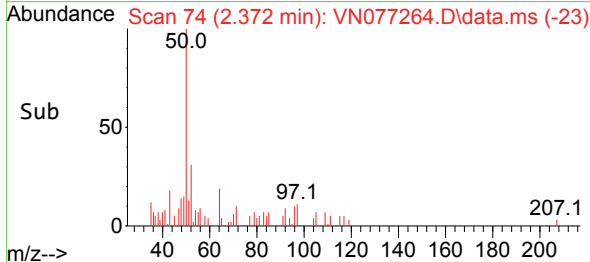
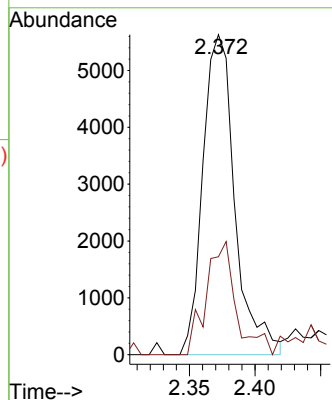
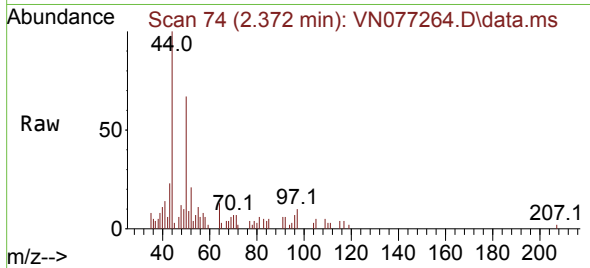




#3
Chloromethane
Concen: 1.204 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

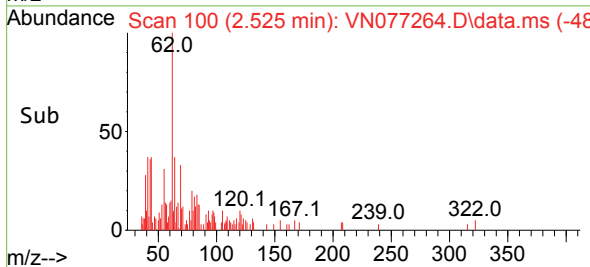
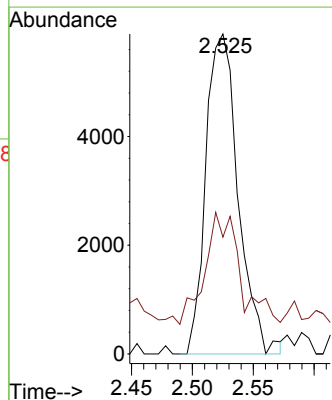
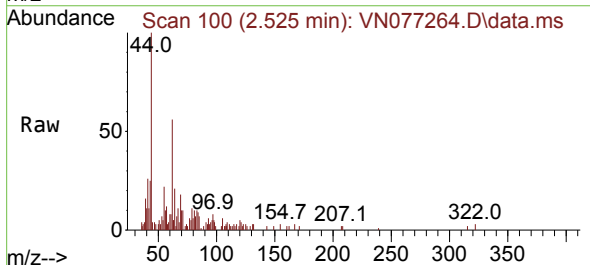
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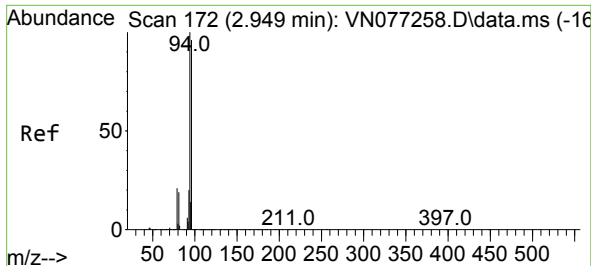
Tgt Ion: 50 Resp: 9572
Ion Ratio Lower Upper
50 100
52 30.6 27.3 40.9



#4
Vinyl Chloride
Concen: 1.006 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 62 Resp: 10847
Ion Ratio Lower Upper
62 100
64 27.3 25.8 38.8

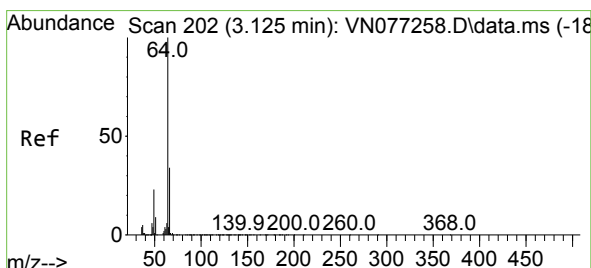
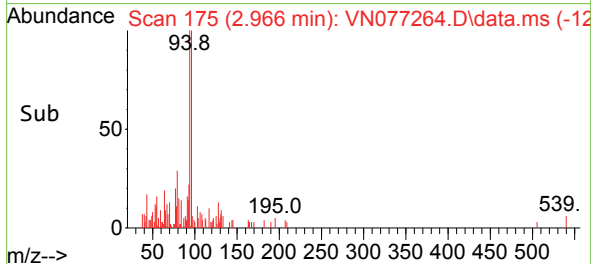
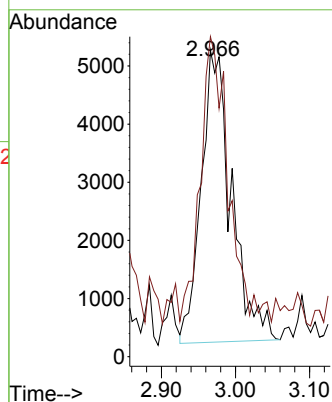
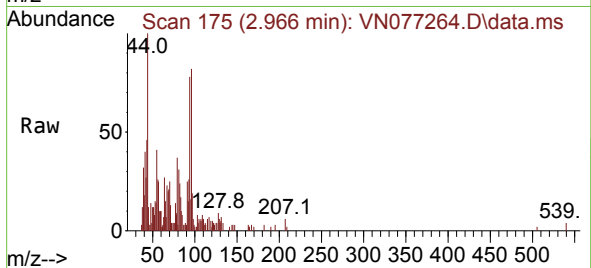




#5
Bromomethane
Concen: 1.818 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN077264.D
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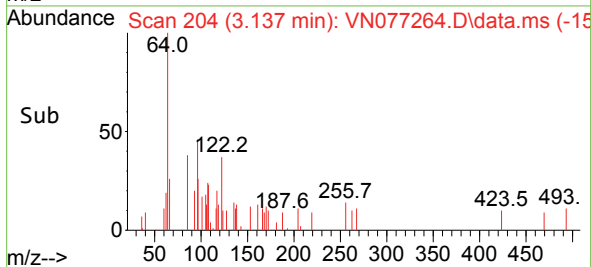
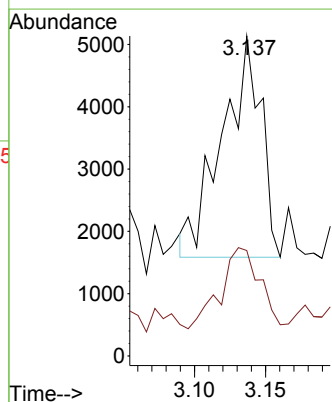
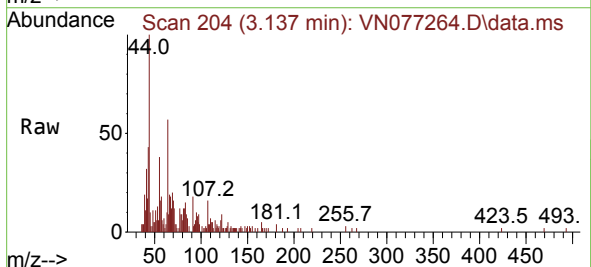
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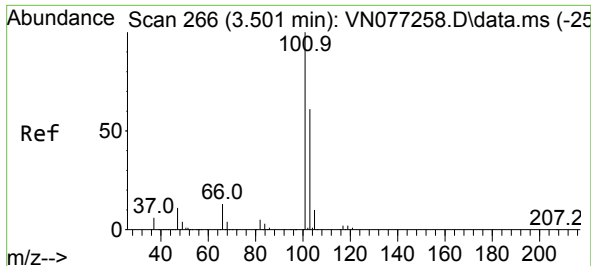
Tgt Ion: 94 Resp: 14211
Ion Ratio Lower Upper
94 100
96 98.4 77.0 115.4



#6
Chloroethane
Concen: 0.879 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 64 Resp: 6763
Ion Ratio Lower Upper
64 100
66 33.5 26.9 40.3

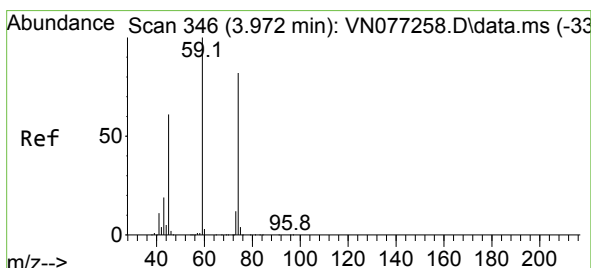
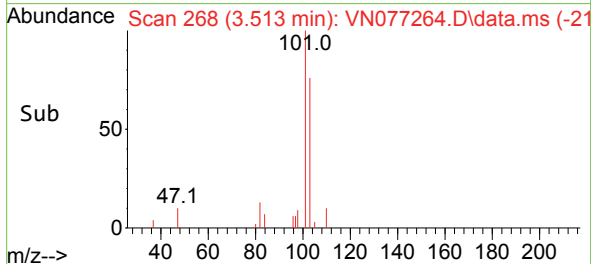
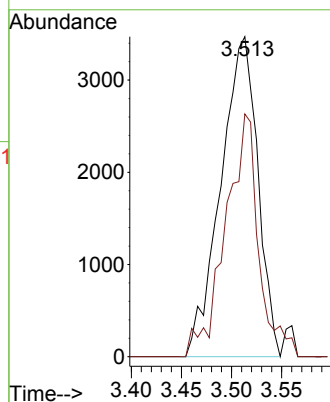
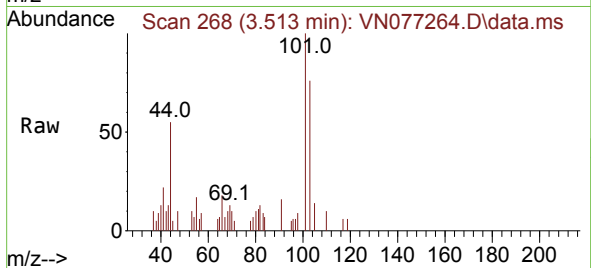




#7
 Trichlorofluoromethane
 Concen: 0.955 ug/l
 RT: 3.513 min Scan# 210
 Delta R.T. 0.012 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

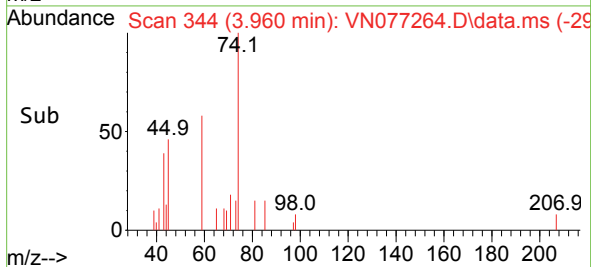
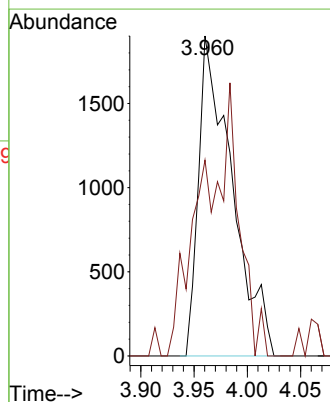
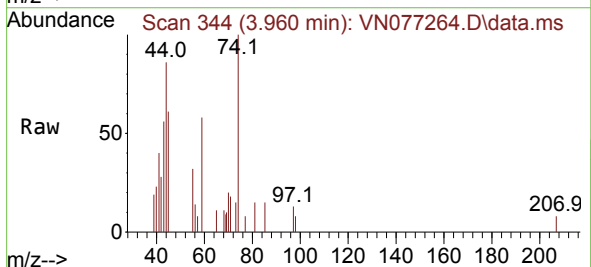
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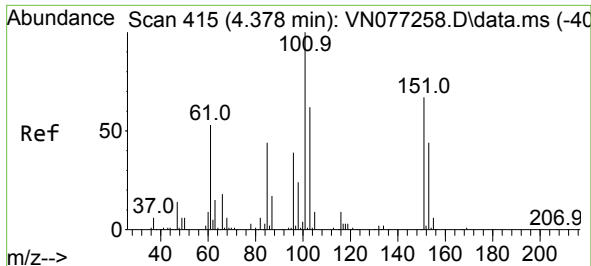
Tgt Ion: 101 Resp: 8923
 Ion Ratio Lower Upper
 101 100
 103 75.8 49.0 73.4#



#8
 Diethyl Ether
 Concen: 1.059 ug/l
 RT: 3.960 min Scan# 344
 Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 4147
 Ion Ratio Lower Upper
 74 100
 45 42.2 37.8 113.4

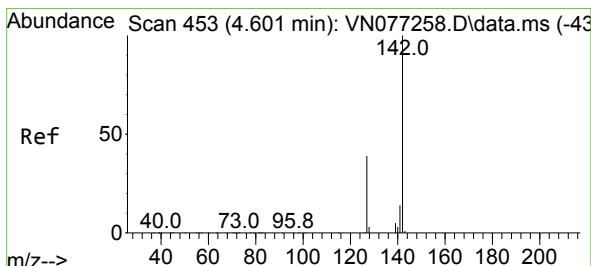
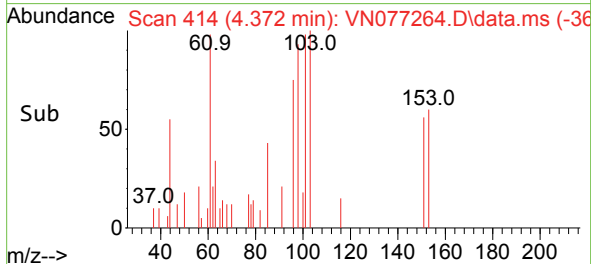
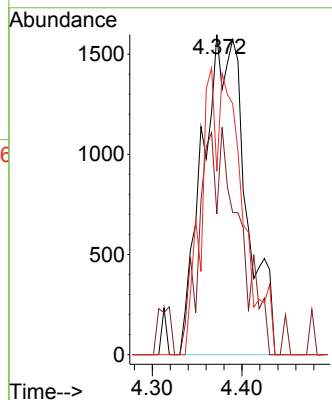
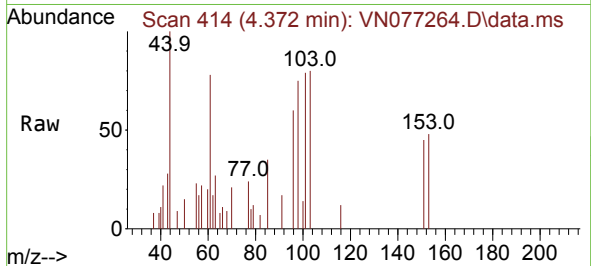




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.944 ug/l
RT: 4.372 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

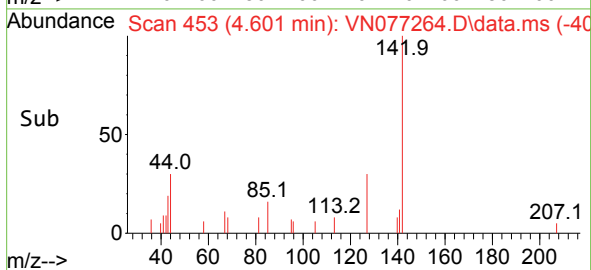
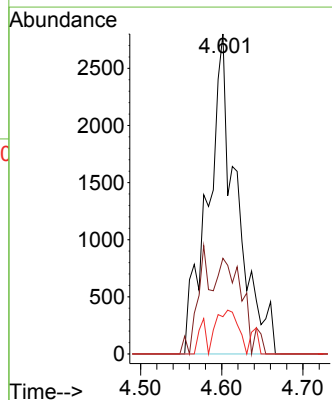
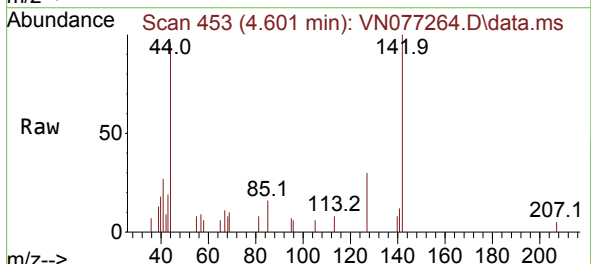
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

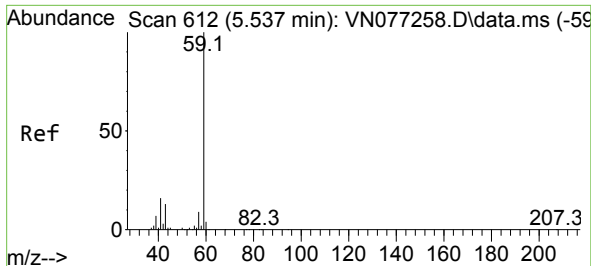
Tgt Ion:101 Resp: 5399
Ion Ratio Lower Upper
101 100
85 29.2 37.3 55.9#
151 33.1 56.3 84.5#



#10
Methyl Iodide
Concen: 0.999 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:142 Resp: 6950
Ion Ratio Lower Upper
142 100
127 29.9 31.5 47.3#
141 11.7 11.4 17.2

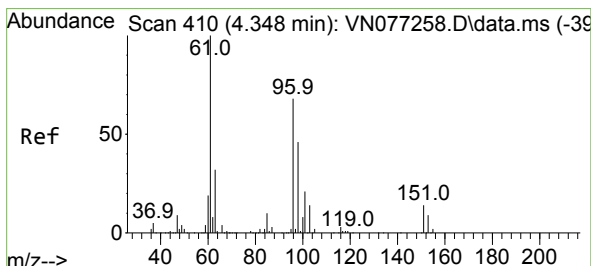
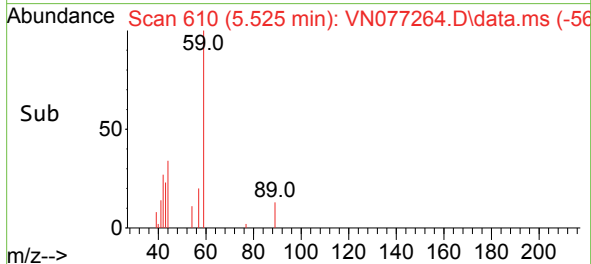
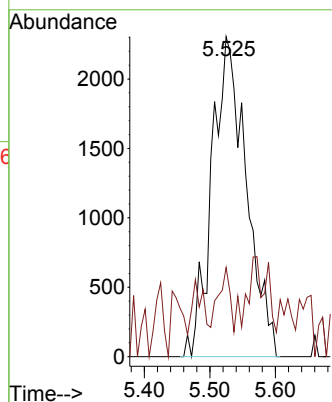
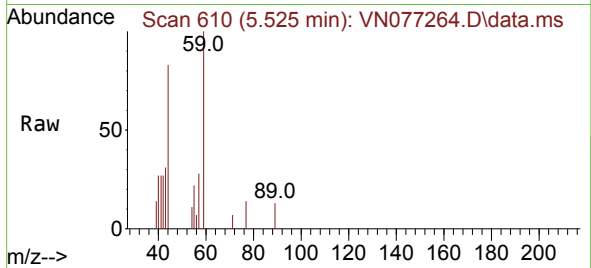




#11
Tert butyl alcohol
Concen: 5.967 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

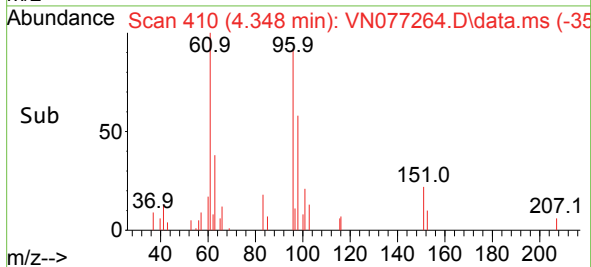
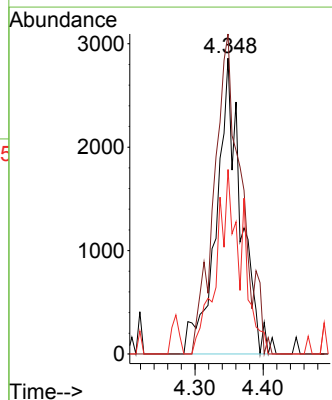
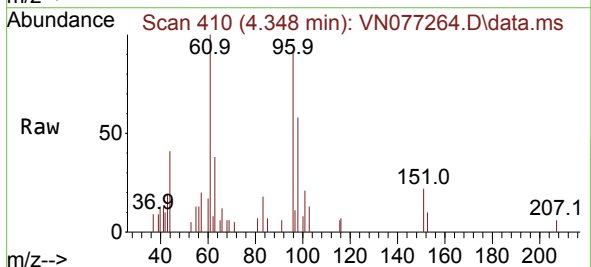
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

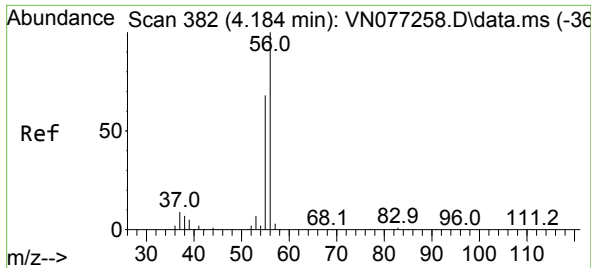
Tgt Ion: 59 Resp: 8366
Ion Ratio Lower Upper
59 100
57 6.4 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 1.222 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 96 Resp: 7194
Ion Ratio Lower Upper
96 100
61 108.1 118.3 177.5#
98 62.4 54.5 81.7

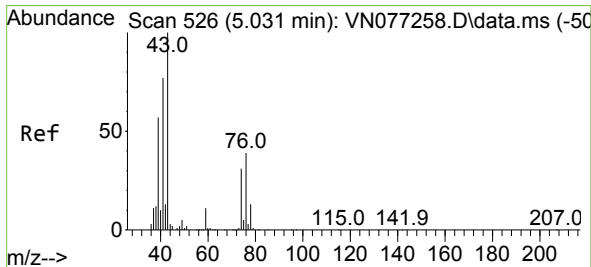
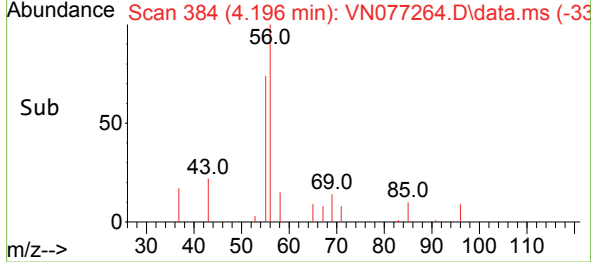
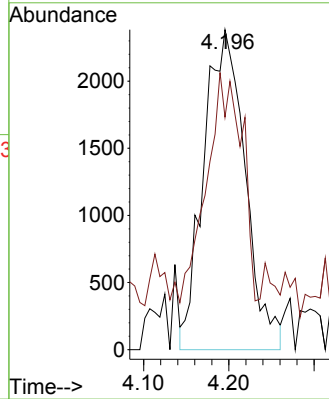
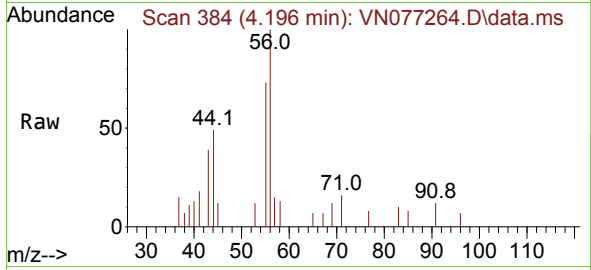




#13
Acrolein
Concen: 6.052 ug/l
RT: 4.196 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

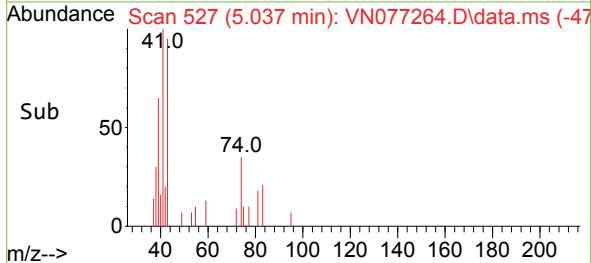
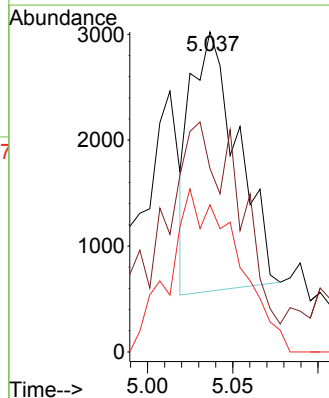
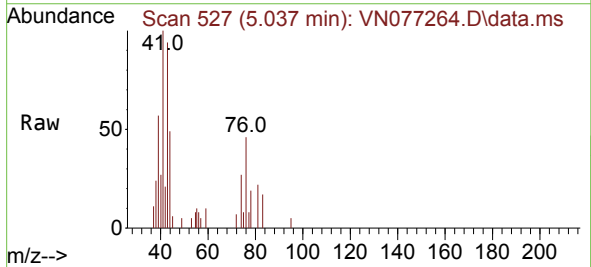
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

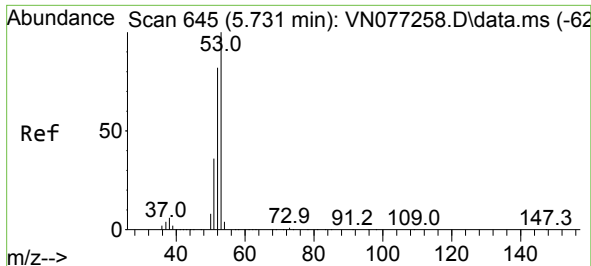
Tgt Ion: 56 Resp: 8036
Ion Ratio Lower Upper
56 100
55 61.3 54.2 81.2



#14
Allyl chloride
Concen: 0.525 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 41 Resp: 4672
Ion Ratio Lower Upper
41 100
39 138.4 55.0 82.4#
76 92.5 35.4 53.2#

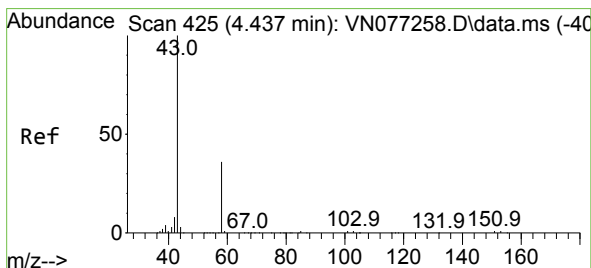
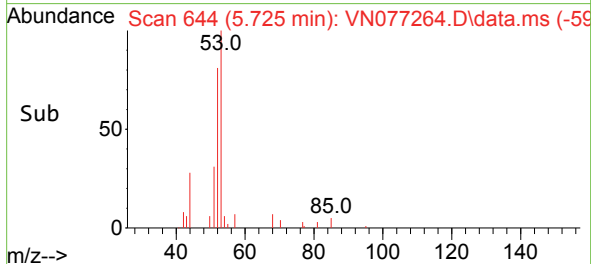
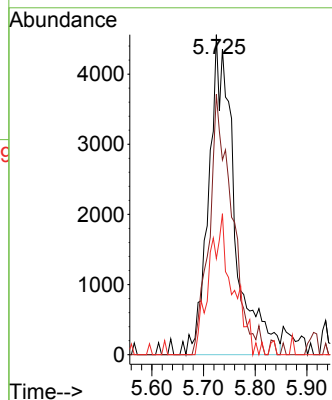
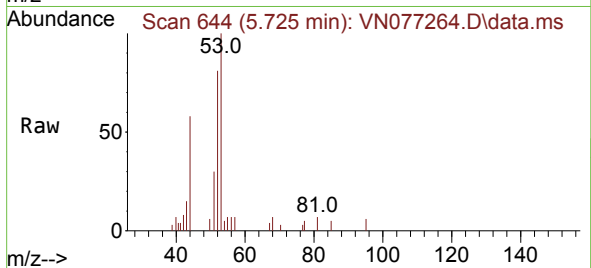




#15
Acrylonitrile
Concen: 5.118 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

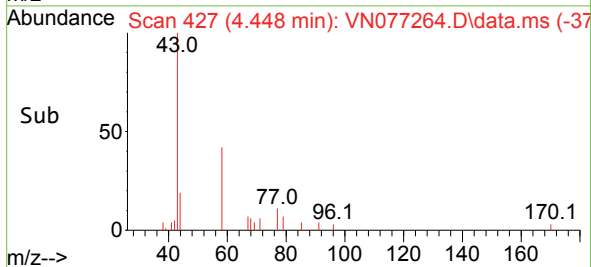
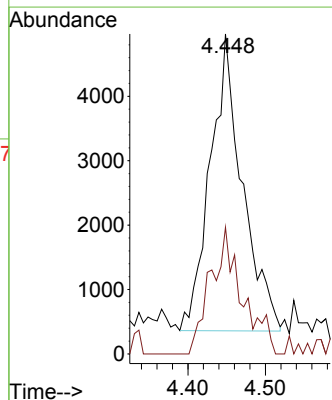
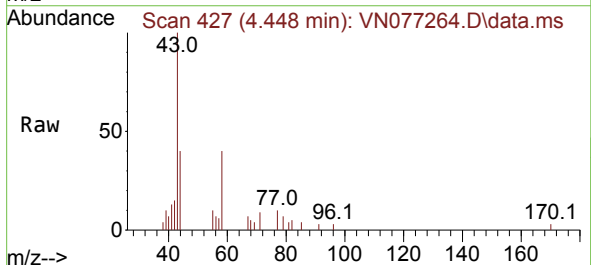
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

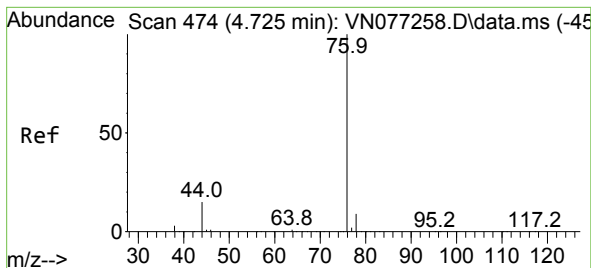
Tgt Ion: 53 Resp: 15863
Ion Ratio Lower Upper
53 100
52 72.3 65.2 97.8
51 40.2 28.1 42.1



#16
Acetone
Concen: 5.242 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 43 Resp: 13279
Ion Ratio Lower Upper
43 100
58 42.7 29.0 43.6





#17

Carbon Disulfide

Concen: 1.131 ug/l

RT: 4.725 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

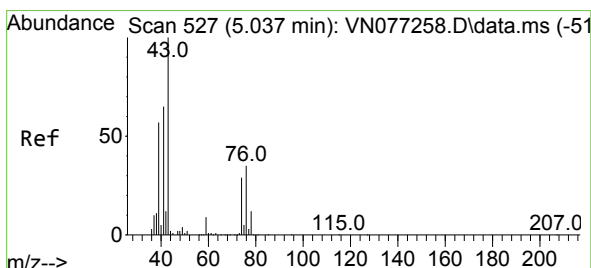
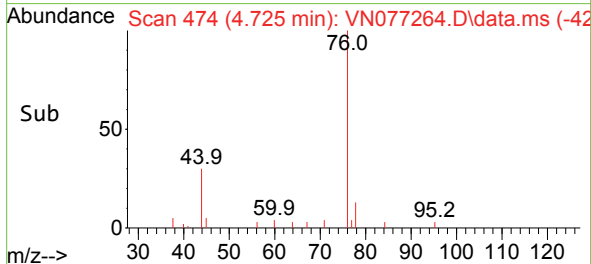
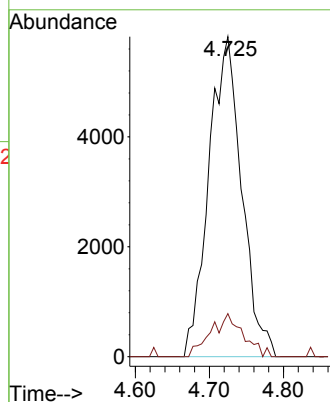
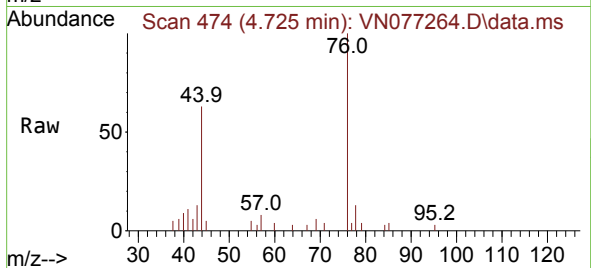
VSTDICC001

Tgt Ion: 76 Resp: 17961

Ion Ratio Lower Upper

76 100

78 13.4 7.3 10.9#



#18

Methyl Acetate

Concen: 0.968 ug/l

RT: 5.043 min Scan# 528

Delta R.T. 0.006 min

Lab File: VN077264.D

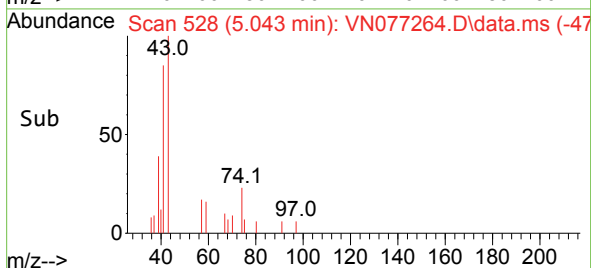
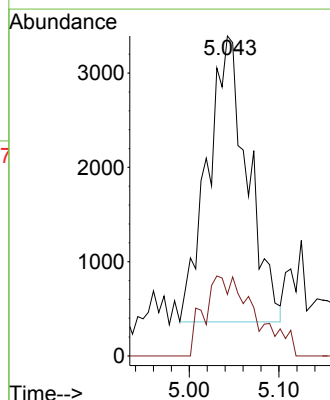
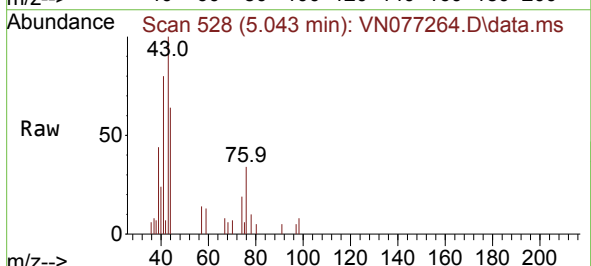
Acq: 05 Apr 2023 16:28

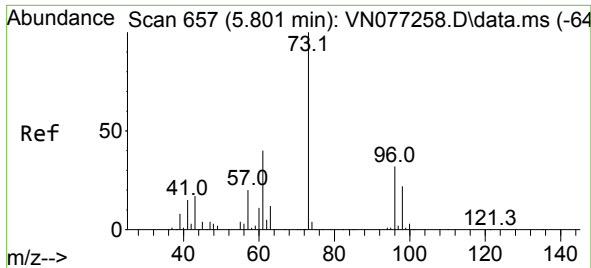
Tgt Ion: 43 Resp: 9339

Ion Ratio Lower Upper

43 100

74 35.9 23.4 35.2#

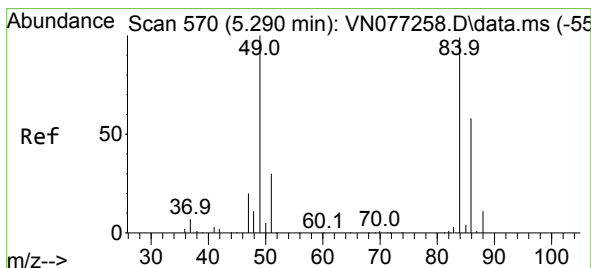
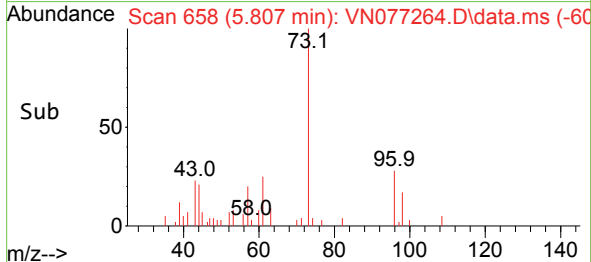
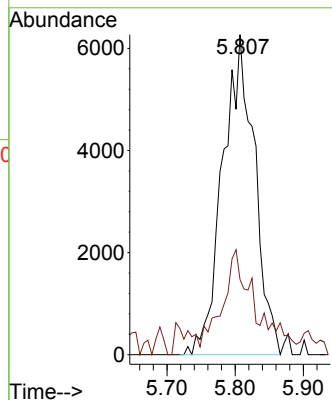
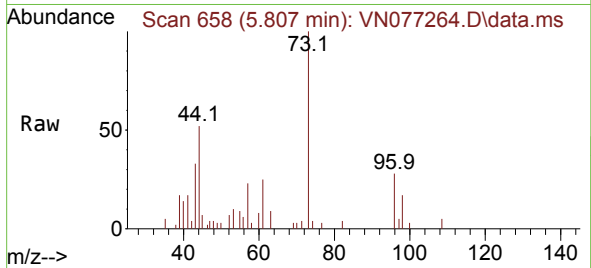




#19
Methyl tert-butyl Ether
Concen: 0.975 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

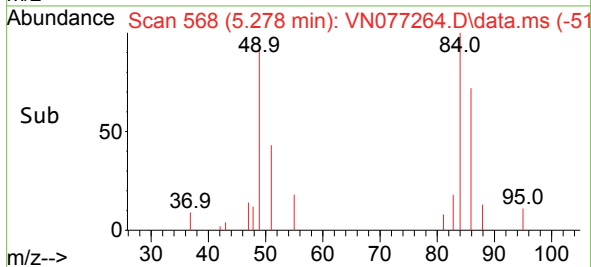
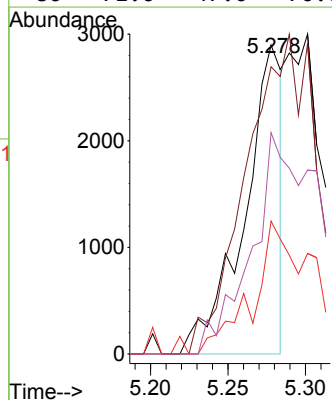
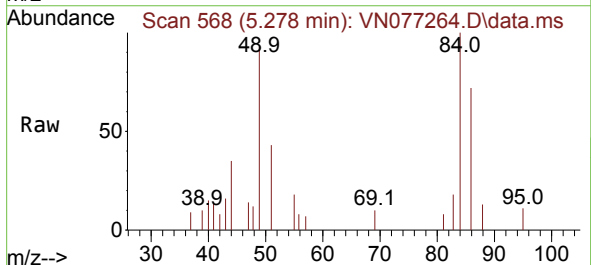
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

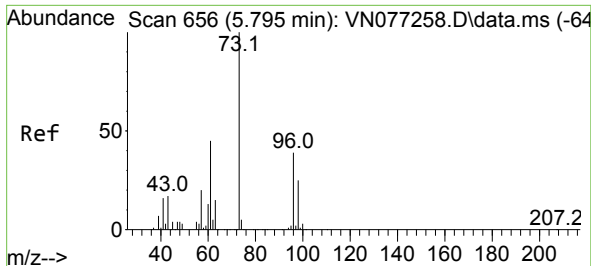
Tgt Ion: 73 Resp: 20369
Ion Ratio Lower Upper
73 100
57 15.3 16.2 24.4#



#20
Methylene Chloride
Concen: 0.686 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 84 Resp: 4906
Ion Ratio Lower Upper
84 100
49 93.0 80.6 121.0
51 37.3 24.4 36.6#
86 71.6 47.0 70.6#

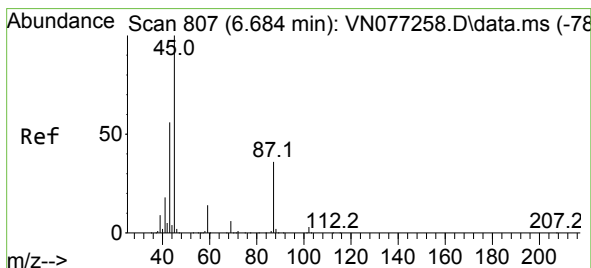
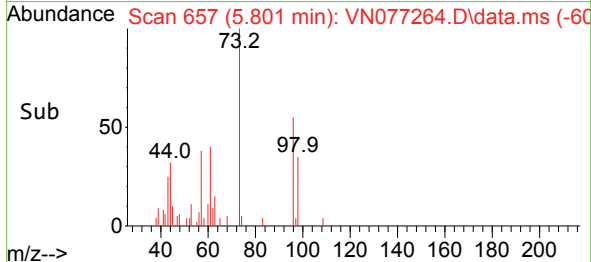
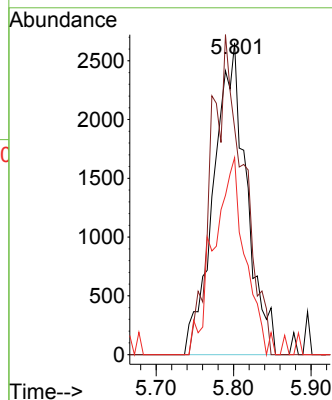
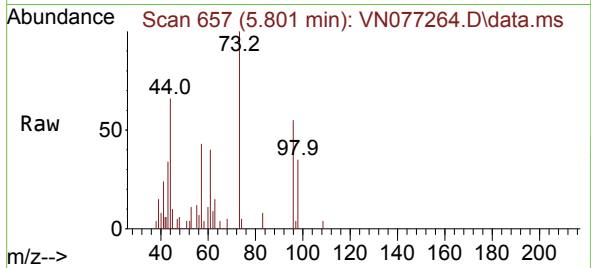




#21
trans-1,2-Dichloroethene
Concen: 1.211 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

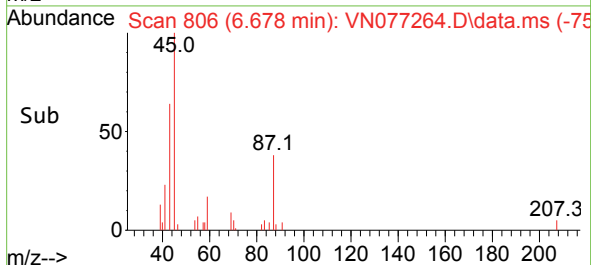
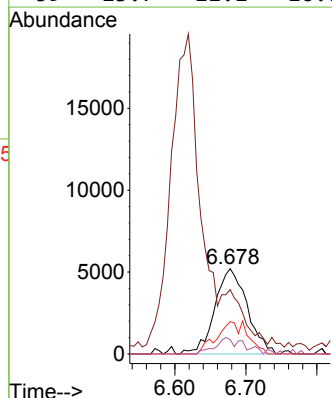
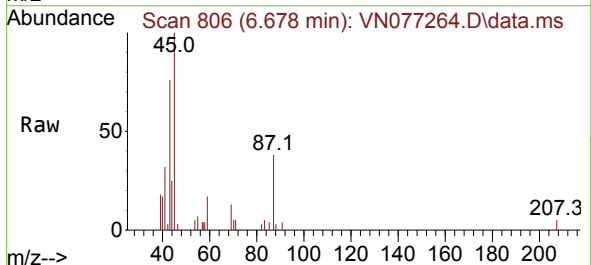
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

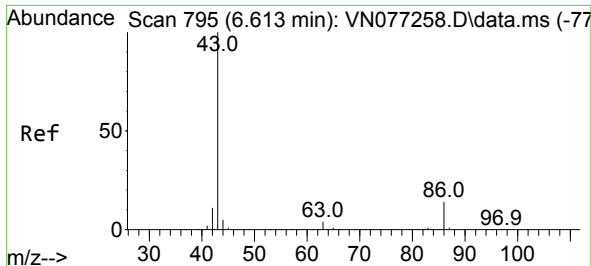
Tgt Ion: 96 Resp: 7809
Ion Ratio Lower Upper
96 100
61 72.7 93.8 140.6#
98 63.2 50.9 76.3



#22
Diisopropyl ether
Concen: 0.923 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 45 Resp: 16465
Ion Ratio Lower Upper
45 100
43 63.0 44.6 66.8
87 38.0 28.4 42.6
59 13.7 11.1 16.7

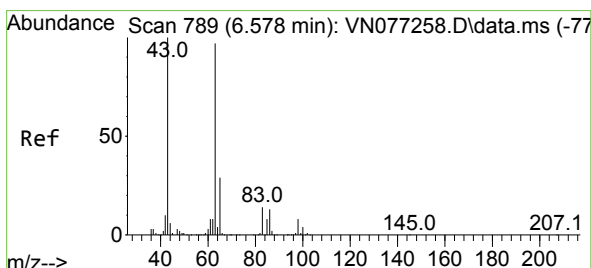
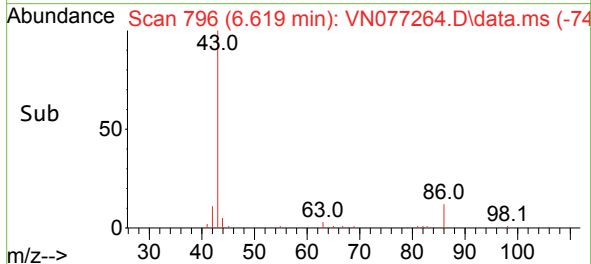
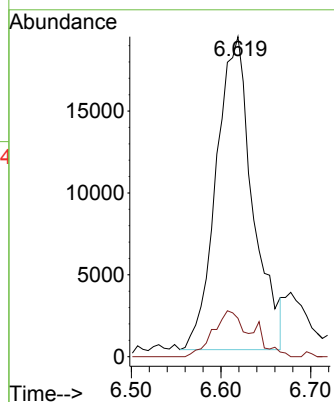
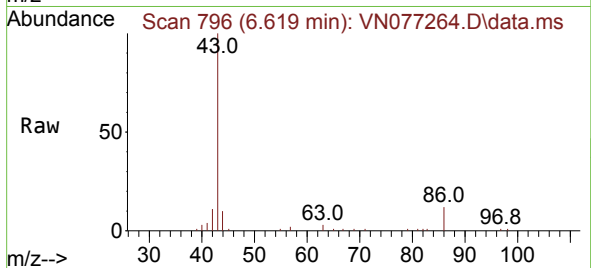




#23
 Vinyl Acetate
 Concen: 4.487 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

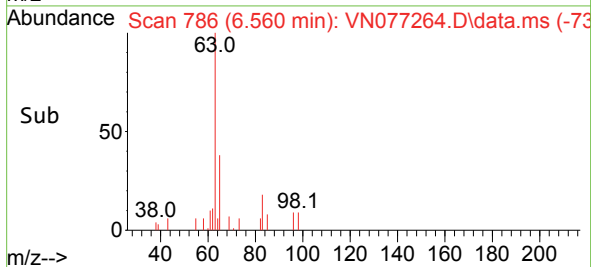
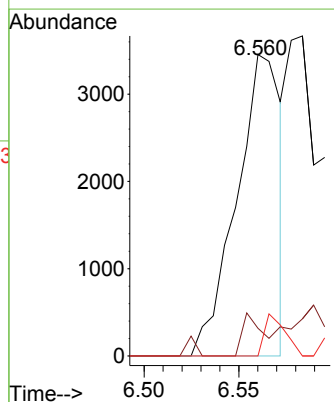
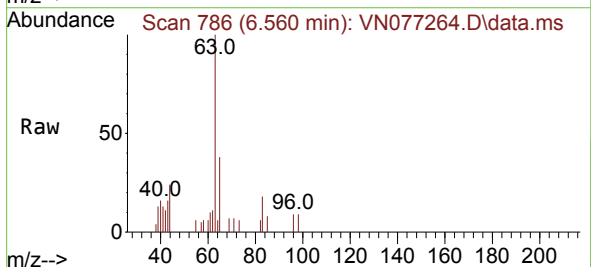
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

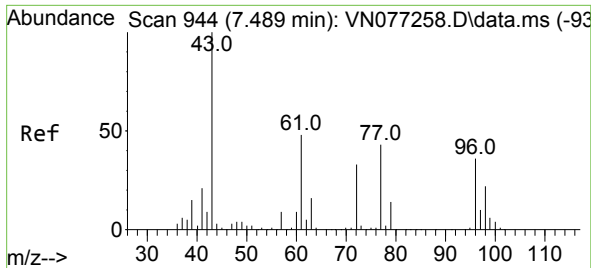
Tgt Ion: 43 Resp: 54095
 Ion Ratio Lower Upper
 43 100
 86 12.3 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 0.488 ug/l
 RT: 6.560 min Scan# 786
 Delta R.T. -0.018 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion: 63 Resp: 5614
 Ion Ratio Lower Upper
 63 100
 98 9.2 4.0 12.0
 100 0.0 2.3 6.9#

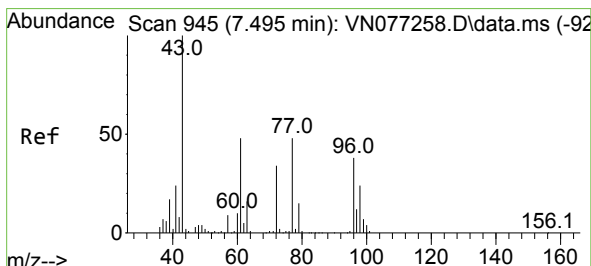
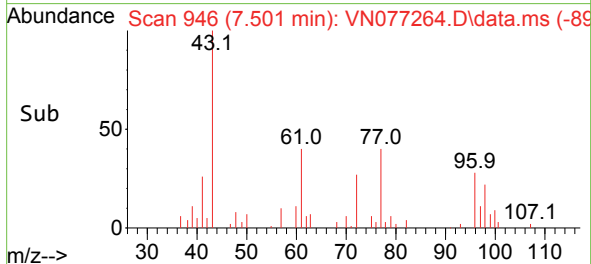
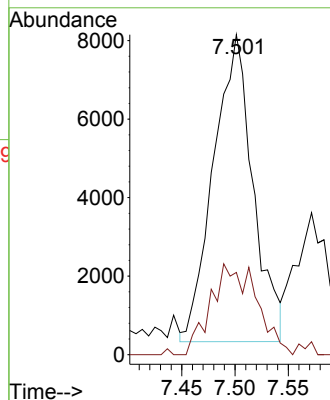
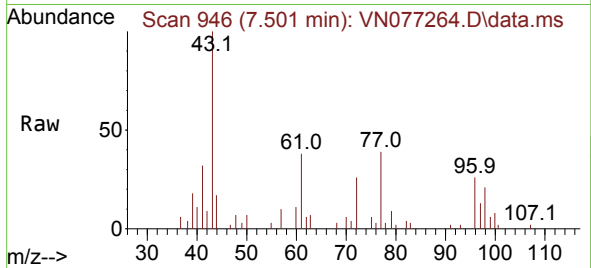




#25
2-Butanone
Concen: 4.905 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

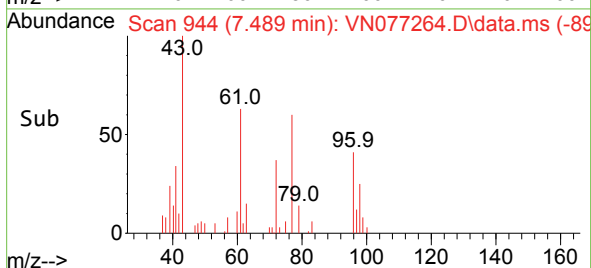
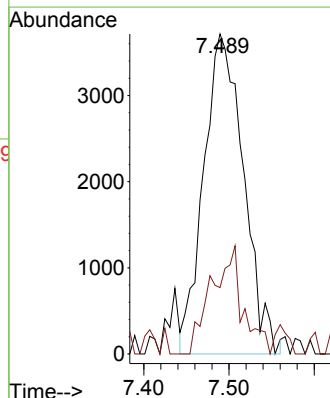
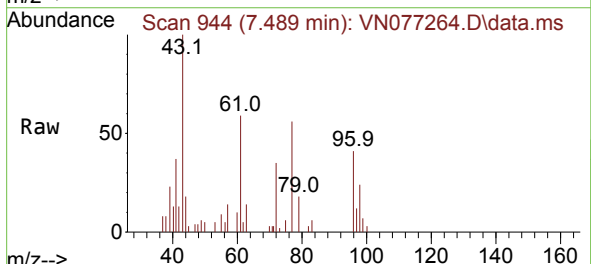
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

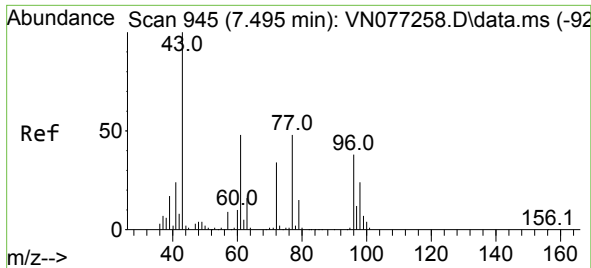
Tgt Ion: 43 Resp: 20165
Ion Ratio Lower Upper
43 100
72 27.6 26.6 39.8



#26
2,2-Dichloropropane
Concen: 1.145 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 77 Resp: 12085
Ion Ratio Lower Upper
77 100
97 26.4 12.0 36.1

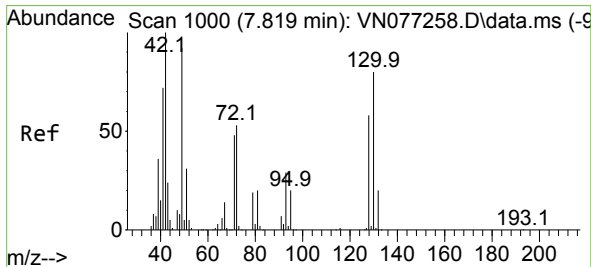
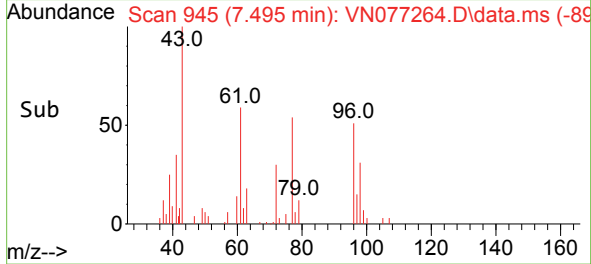
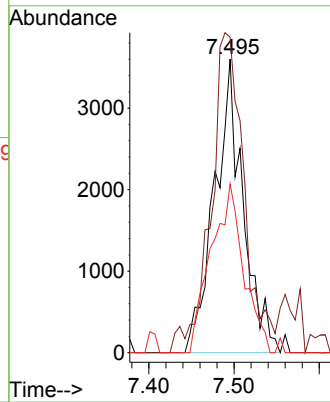
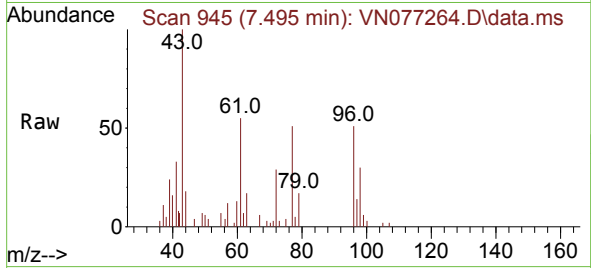




#27
 cis-1,2-Dichloroethene
 Concen: 1.071 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

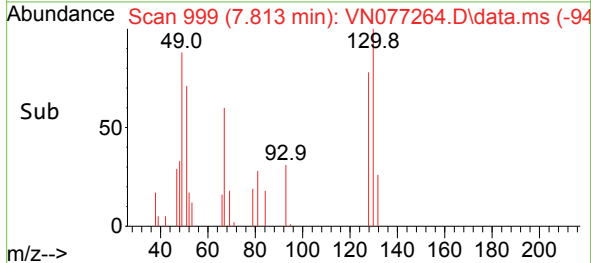
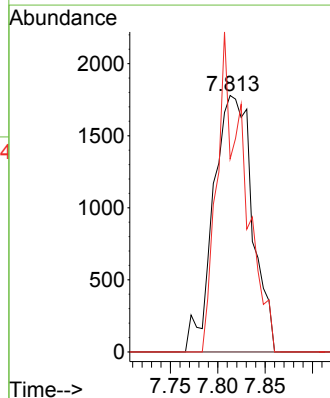
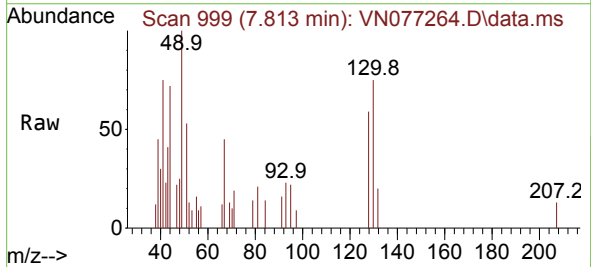
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

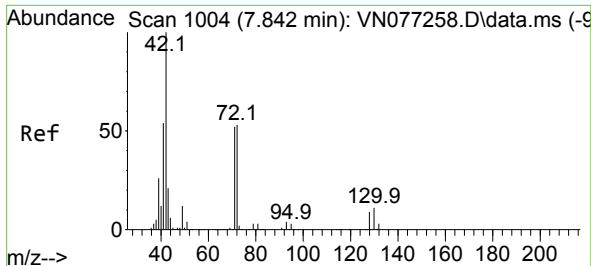
Tgt Ion: 96 Resp: 8434
 Ion Ratio Lower Upper
 96 100
 61 121.4 0.0 261.0
 98 65.6 0.0 128.0



#28
 Bromochloromethane
 Concen: 1.098 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion: 49 Resp: 5087
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 86.3 68.4 102.6





#29

Tetrahydrofuran

Concen: 5.234 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

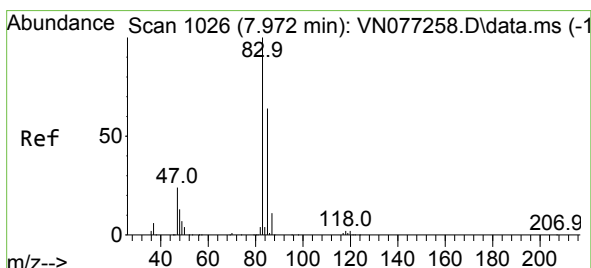
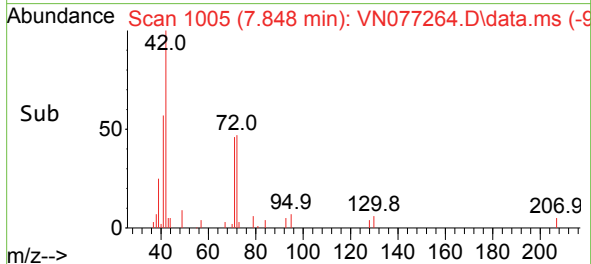
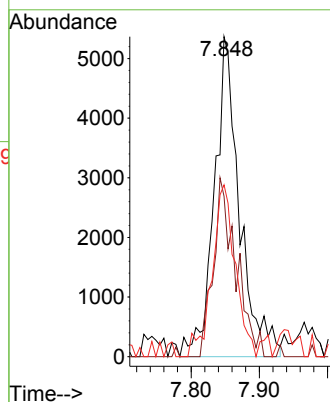
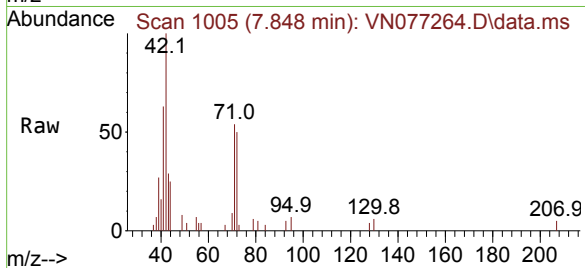
Tgt Ion: 42 Resp: 13833

Ion Ratio Lower Upper

42 100

72 50.2 44.6 66.8

71 49.1 41.3 61.9



#30

Chloroform

Concen: 1.104 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077264.D

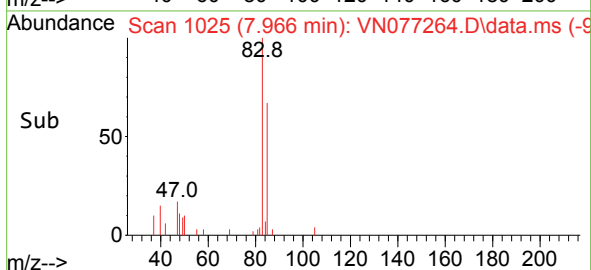
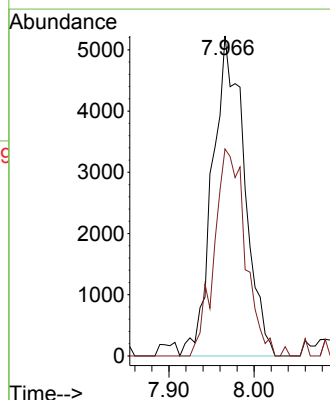
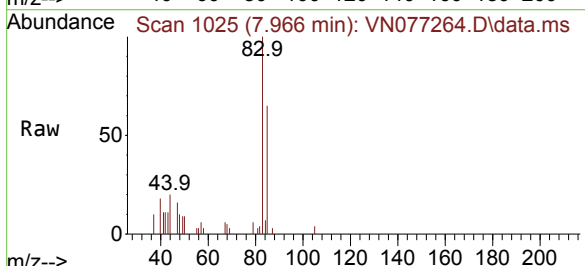
Acq: 05 Apr 2023 16:28

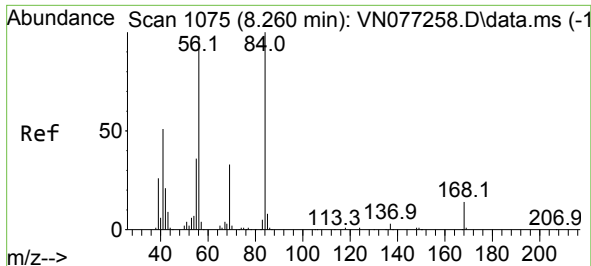
Tgt Ion: 83 Resp: 13554

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3

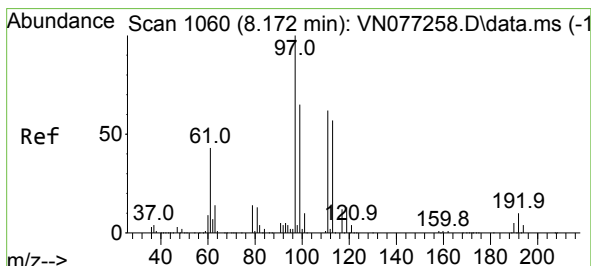
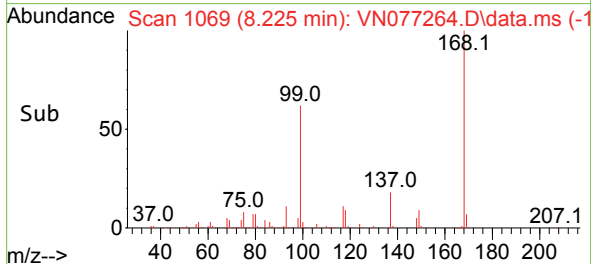
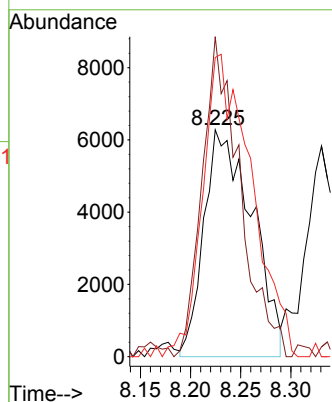
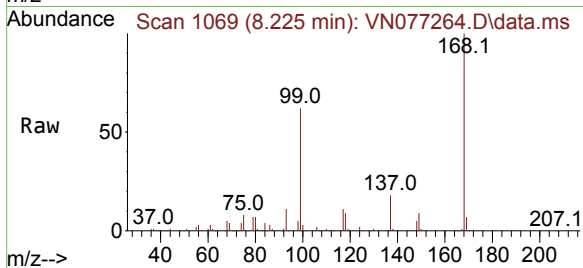




#31
Cyclohexane
Concen: 1.965 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

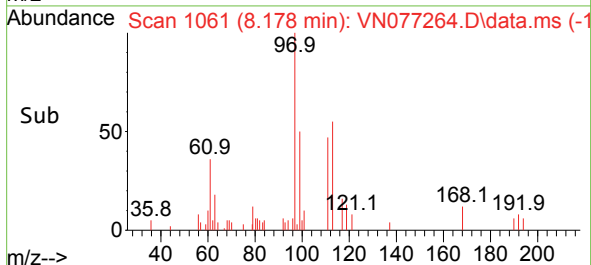
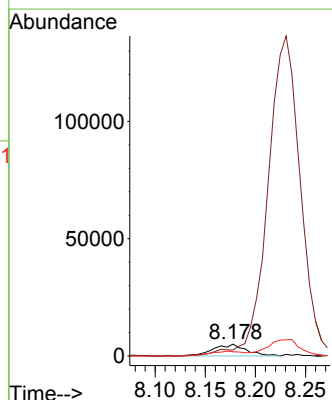
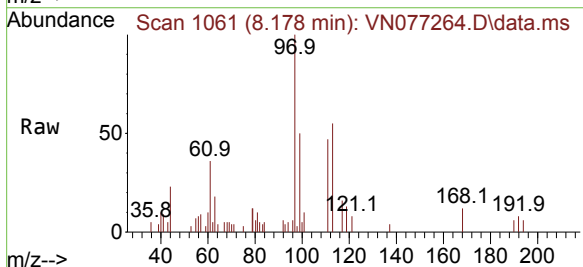
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

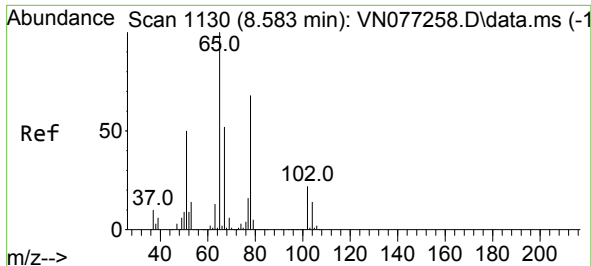
Tgt Ion: 56 Resp: 20983
Ion Ratio Lower Upper
56 100
69 142.0 26.6 40.0#
84 124.6 81.8 122.8#



#32
1,1,1-Trichloroethane
Concen: 1.026 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 97 Resp: 11459
Ion Ratio Lower Upper
97 100
99 0.0 54.2 81.4#
61 38.3 35.8 53.6

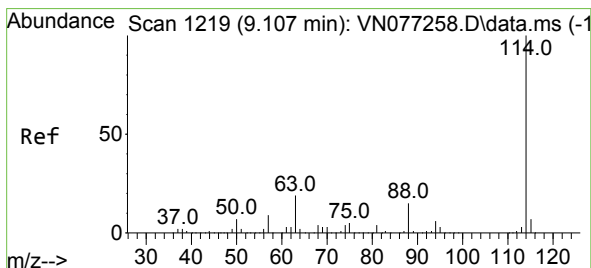
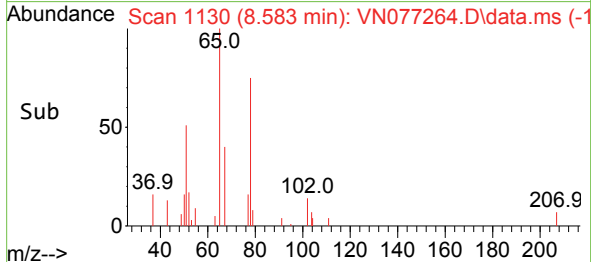
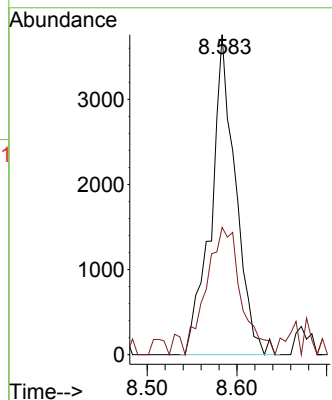
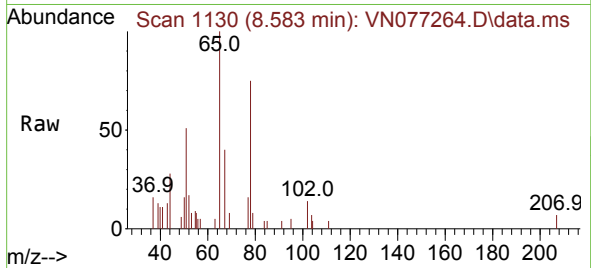




#33
 1,2-Dichloroethane-d4
 Concen: 1.038 ug/l
 RT: 8.583 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

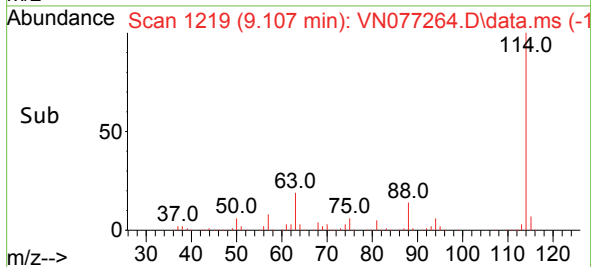
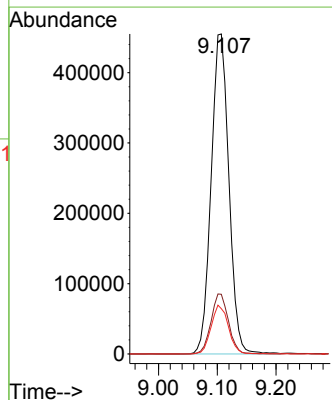
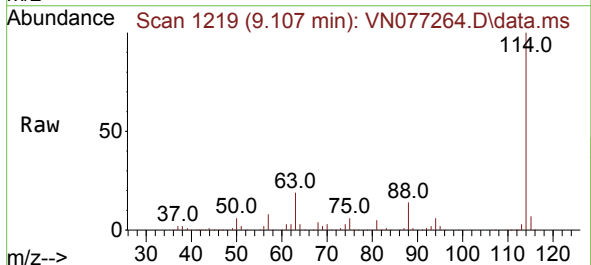
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

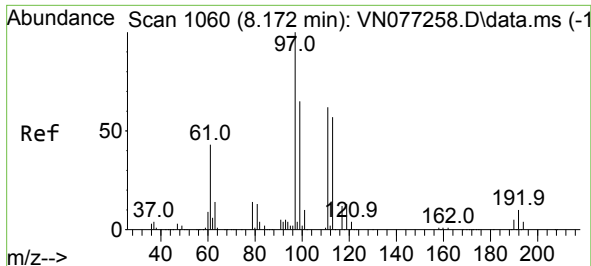
Tgt Ion: 65 Resp: 7133
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.107 min Scan# 1219
 Delta R.T. -0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion: 114 Resp: 954576
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.8
 88 14.2 0.0 29.4





#35

Dibromofluoromethane

Concen: 1.014 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

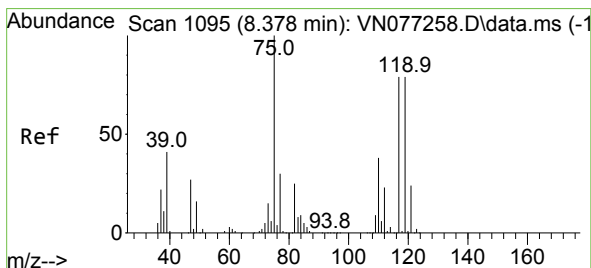
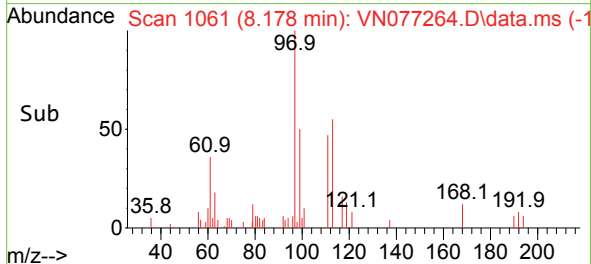
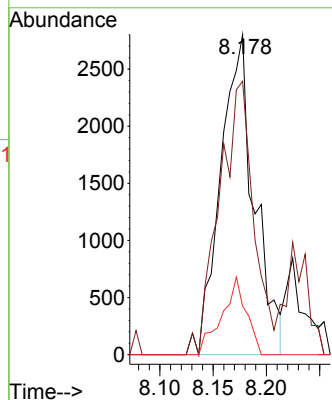
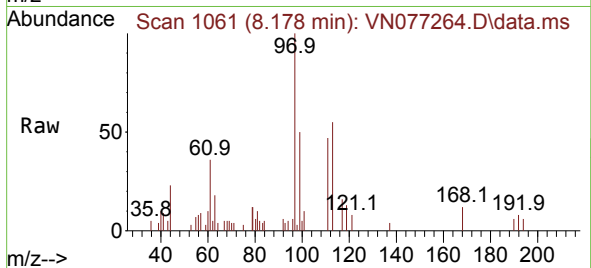
Tgt Ion:113 Resp: 6195

Ion Ratio Lower Upper

113 100

111 86.5 83.4 125.0

192 17.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 1.028 ug/l

RT: 8.383 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

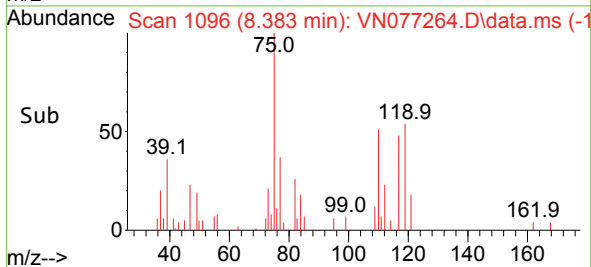
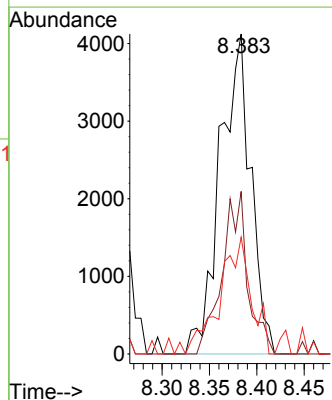
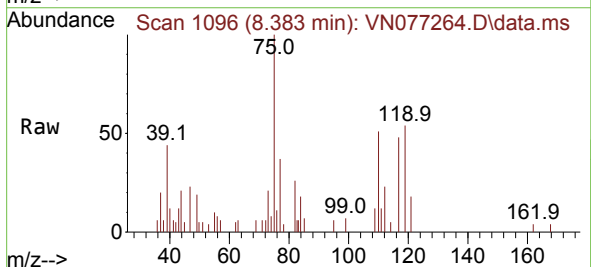
Tgt Ion: 75 Resp: 9287

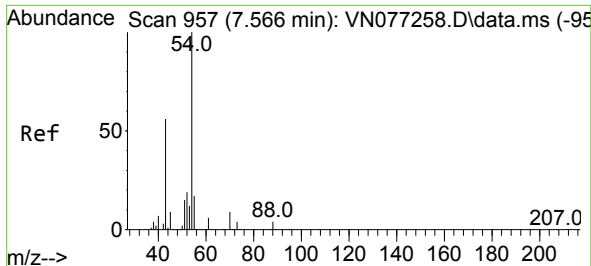
Ion Ratio Lower Upper

75 100

110 42.4 17.8 53.5

77 37.5 25.0 37.4#

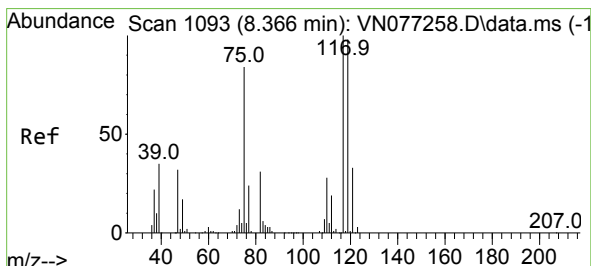
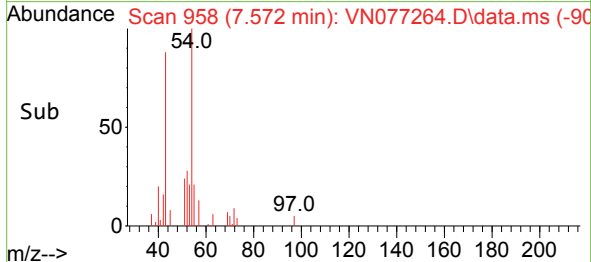
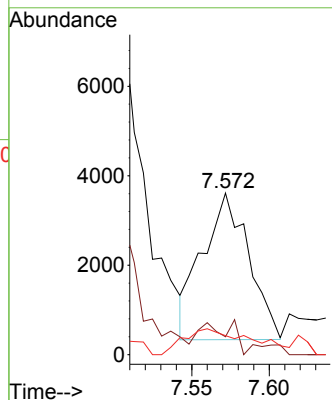
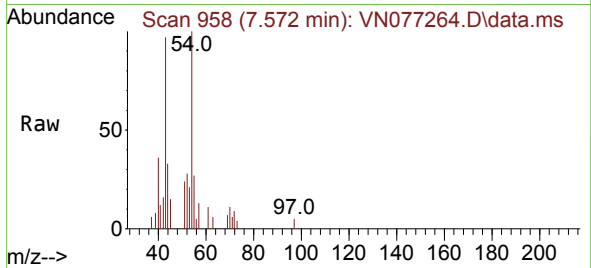




#37
Ethyl Acetate
Concen: 0.843 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

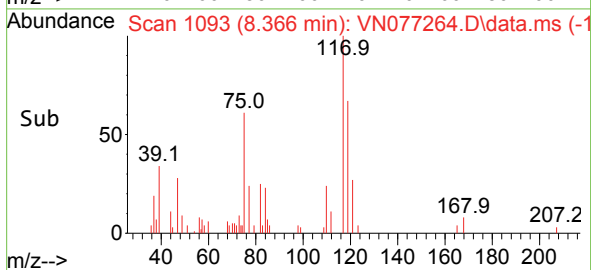
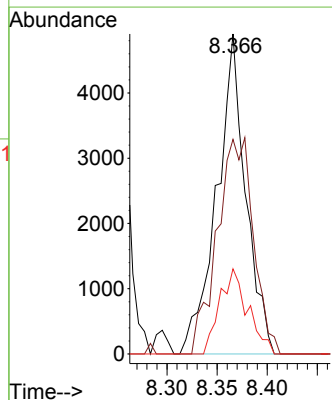
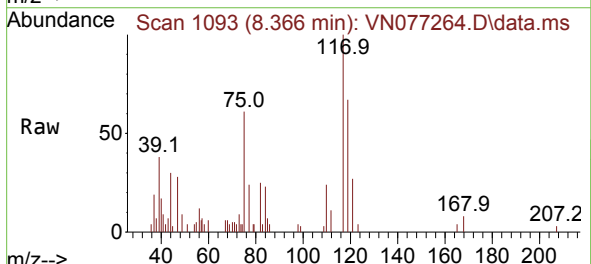
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

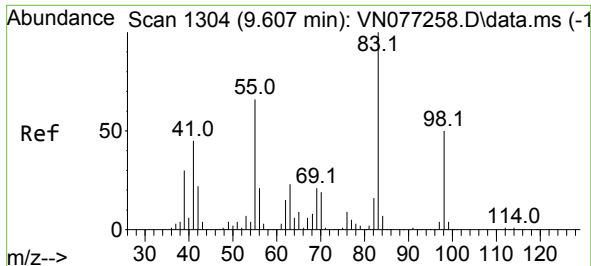
Tgt Ion: 43 Resp: 6817
Ion Ratio Lower Upper
43 100
61 17.5 12.2 18.2
70 26.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 1.063 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 117 Resp: 9840
Ion Ratio Lower Upper
117 100
119 67.0 78.5 117.7#
121 26.6 26.6 40.0#





#39

Methylcyclohexane

Concen: 1.063 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

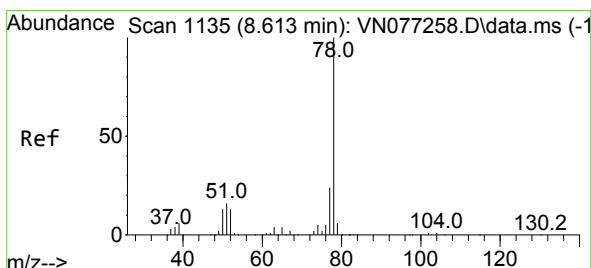
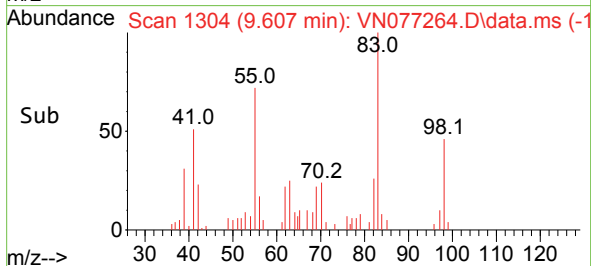
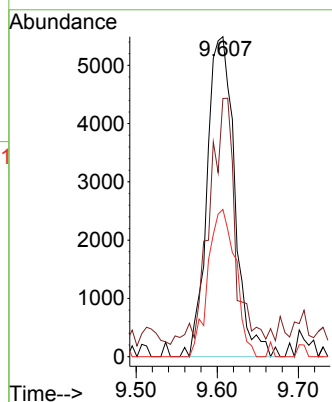
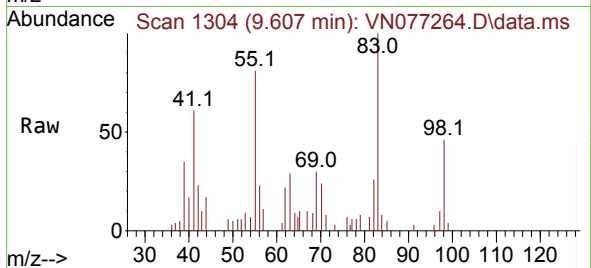
Tgt Ion: 83 Resp: 12954

Ion Ratio Lower Upper

83 100

55 74.7 52.4 78.6

98 46.0 39.8 59.6



#40

Benzene

Concen: 1.009 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077264.D

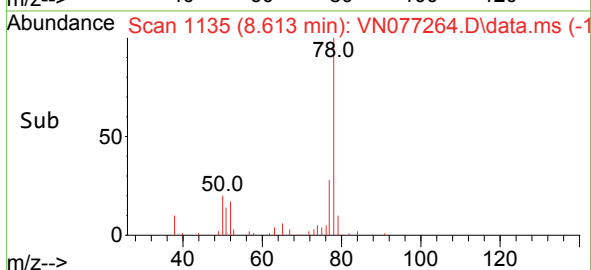
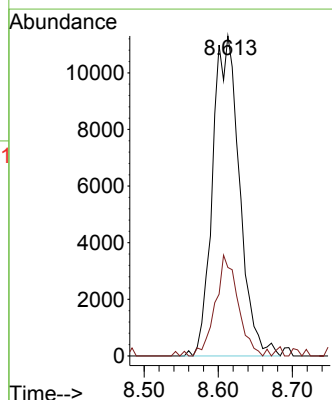
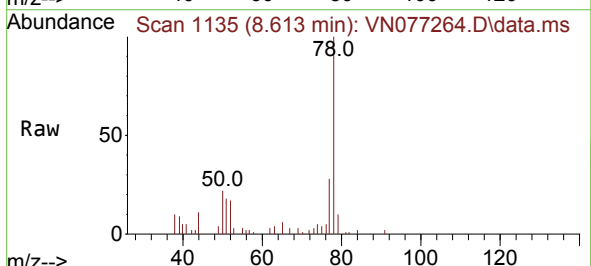
Acq: 05 Apr 2023 16:28

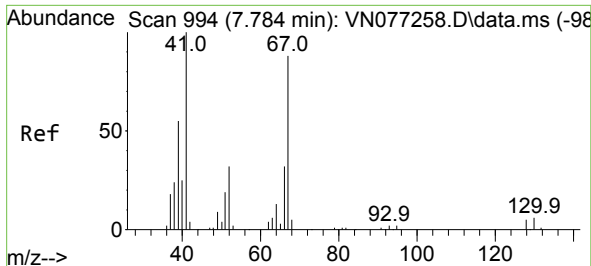
Tgt Ion: 78 Resp: 28435

Ion Ratio Lower Upper

78 100

77 27.7 19.5 29.3

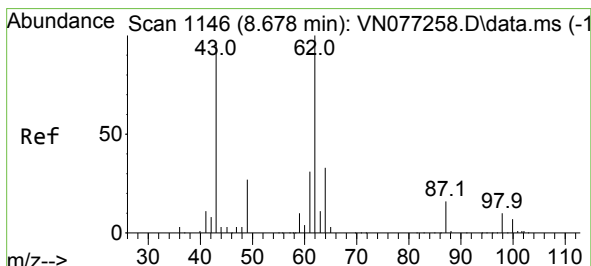
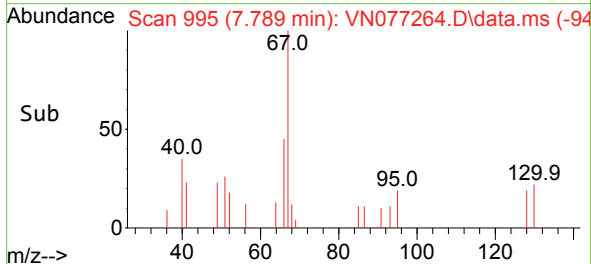
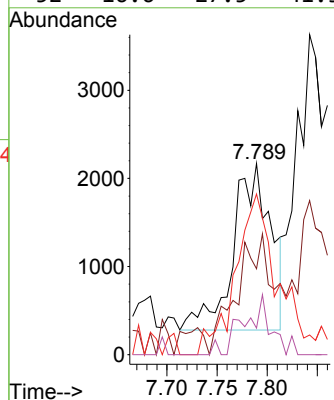
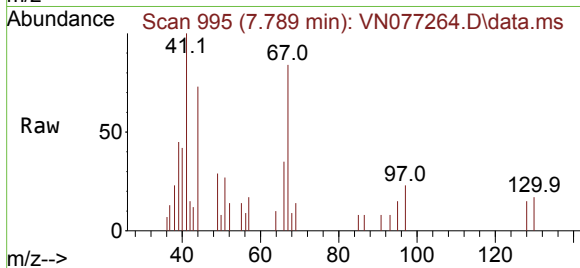




#41
Methacrylonitrile
Concen: 1.138 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

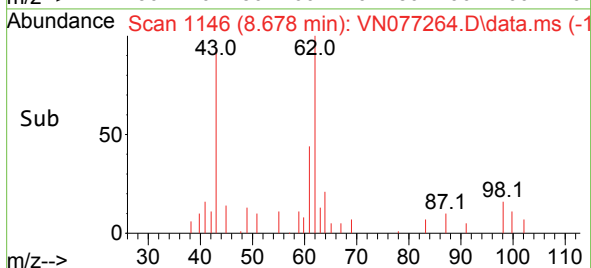
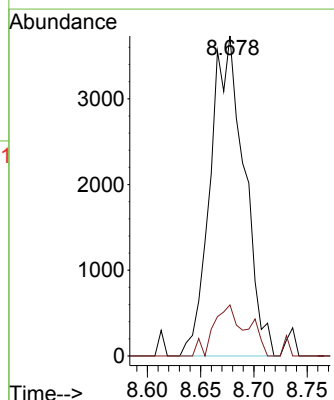
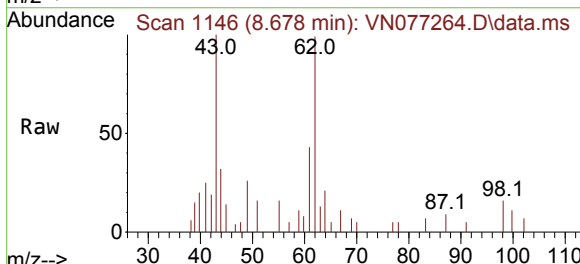
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

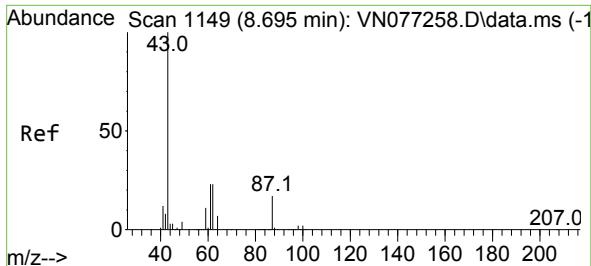
Tgt Ion:	41	Resp:	4946
Ion	Ratio	Lower	Upper
41	100		
39	73.3	44.1	66.1#
67	106.9	71.4	107.2
52	16.6	27.5	41.3#



#42
1,2-Dichloroethane
Concen: 0.954 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:	62	Resp:	8281
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.2

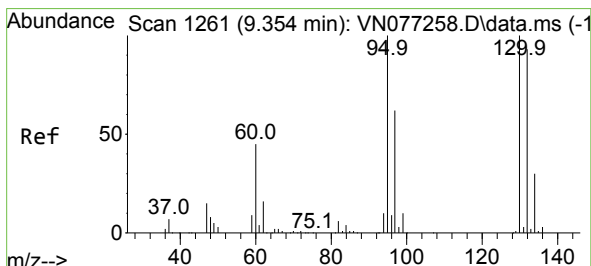
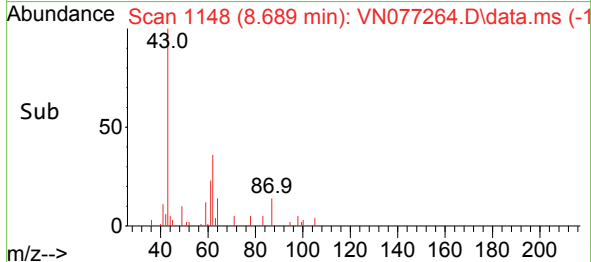
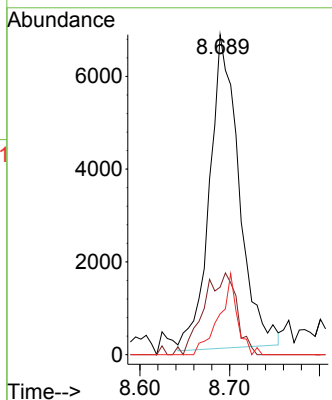
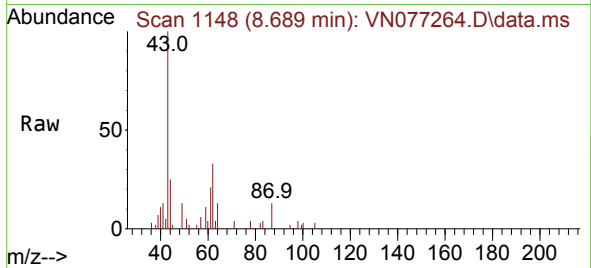




#43
Isopropyl Acetate
Concen: 1.035 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

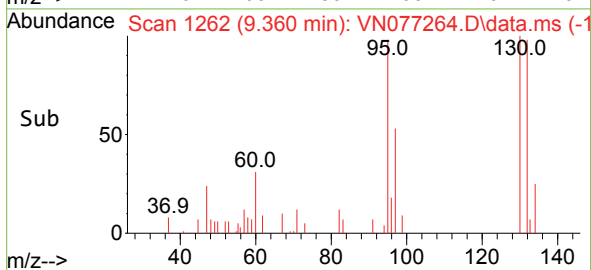
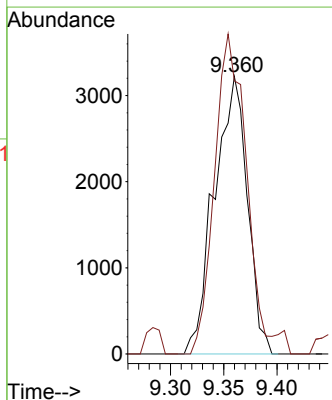
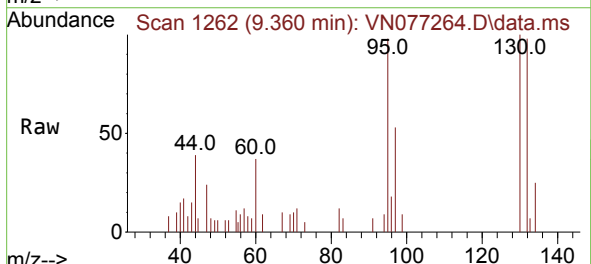
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

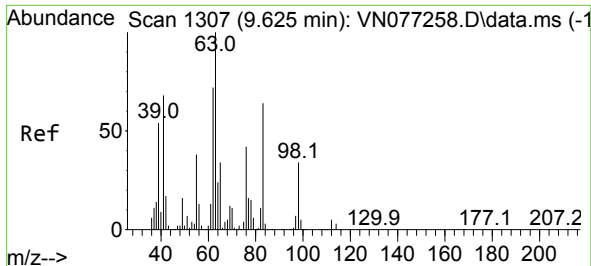
Tgt Ion: 43 Resp: 15441
Ion Ratio Lower Upper
43 100
61 29.1 22.7 34.1
87 15.9 13.6 20.4



#44
Trichloroethene
Concen: 1.028 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:130 Resp: 6936
Ion Ratio Lower Upper
130 100
95 98.4 0.0 200.2

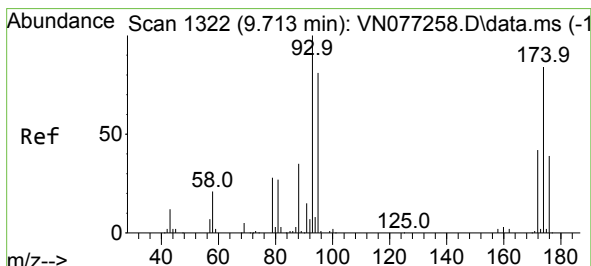
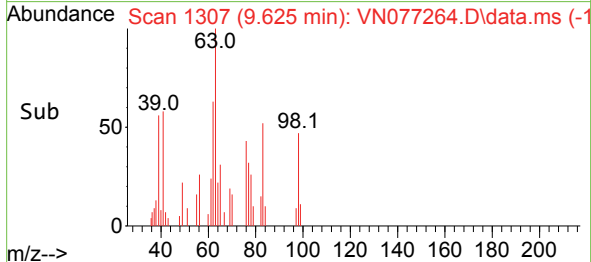
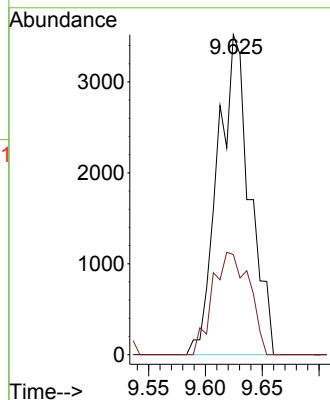
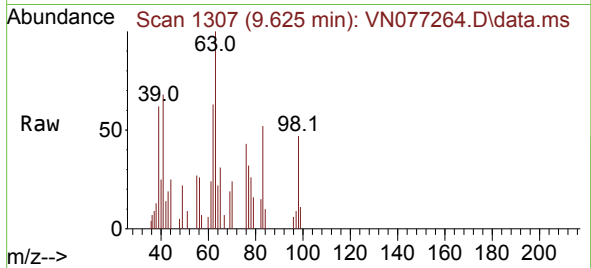




#45
1,2-Dichloropropane
Concen: 1.028 ug/l
RT: 9.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

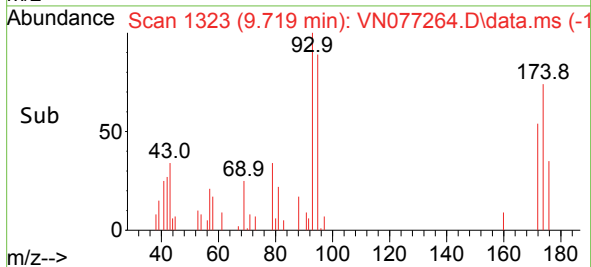
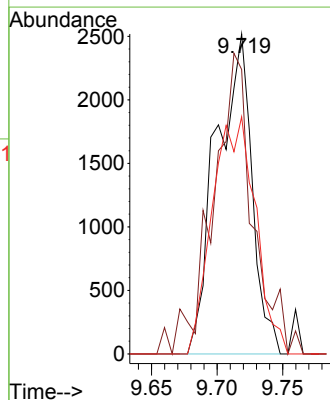
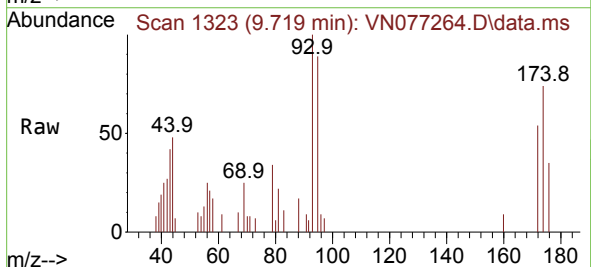
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

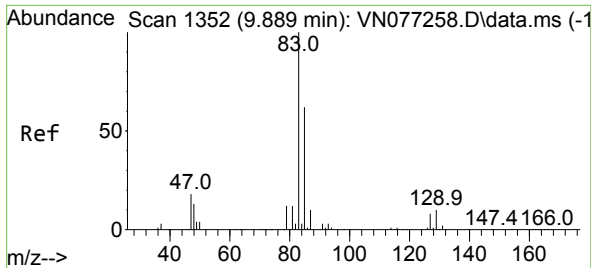
Tgt Ion: 63 Resp: 6883
Ion Ratio Lower Upper
63 100
65 31.3 27.1 40.7



#46
Dibromomethane
Concen: 0.944 ug/l
RT: 9.719 min Scan# 1323
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 93 Resp: 4764
Ion Ratio Lower Upper
93 100
95 106.1 65.8 98.6#
174 89.3 66.0 99.0

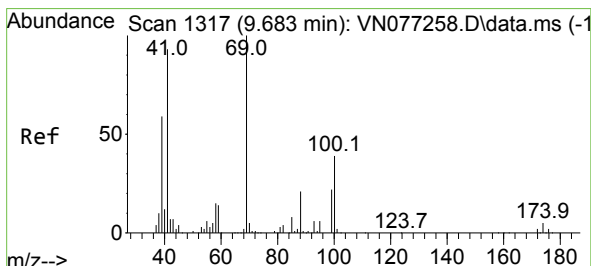
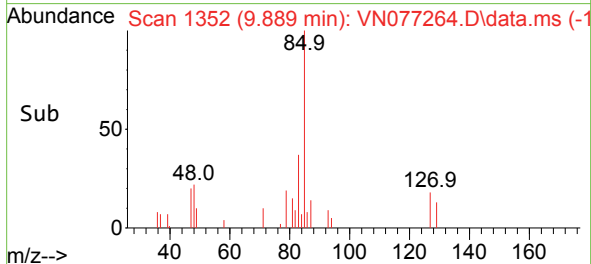
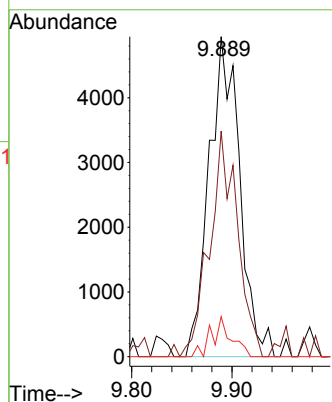
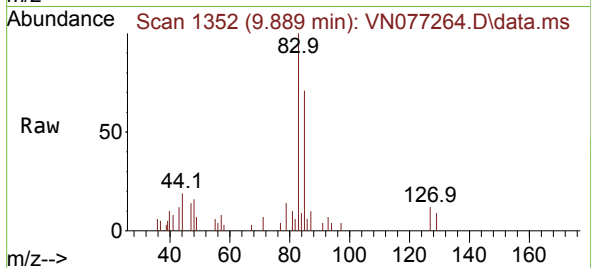




#47
Bromodichloromethane
Concen: 1.037 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

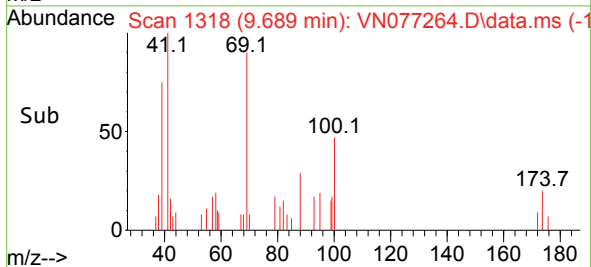
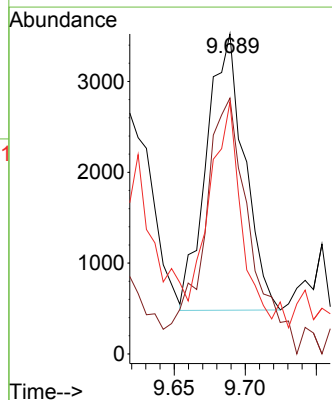
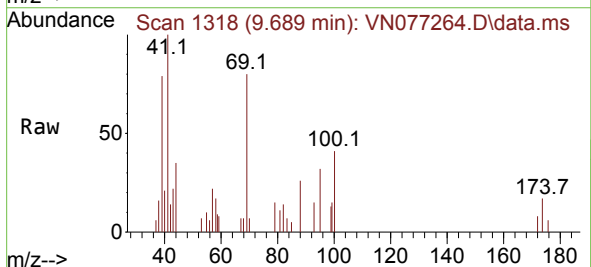
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

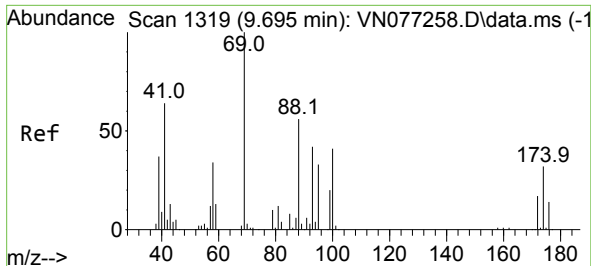
Tgt Ion: 83 Resp: 10451
Ion Ratio Lower Upper
83 100
85 70.5 49.8 74.8
127 12.5 6.2 9.2#



#48
Methyl methacrylate
Concen: 0.883 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 41 Resp: 5623
Ion Ratio Lower Upper
41 100
69 113.7 85.0 127.6
39 72.1 53.5 80.3





#49

1,4-Dioxane

Concen: 23.438 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

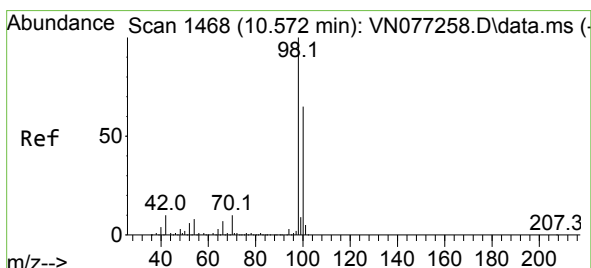
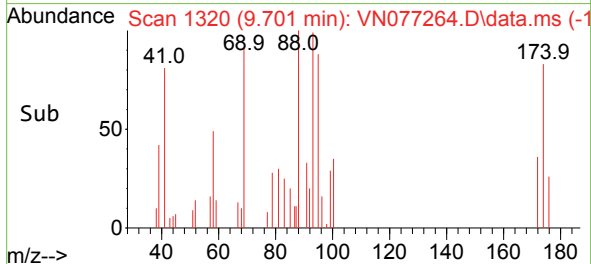
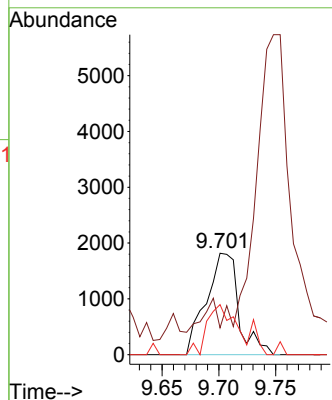
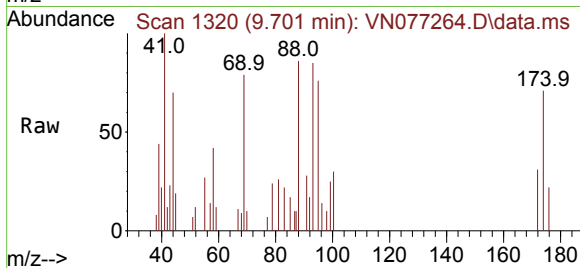
Tgt Ion: 88 Resp: 3617

Ion Ratio Lower Upper

88 100

43 13.7 17.0 25.6#

58 42.7 49.8 74.6#



#50

Toluene-d8

Concen: 0.852 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077264.D

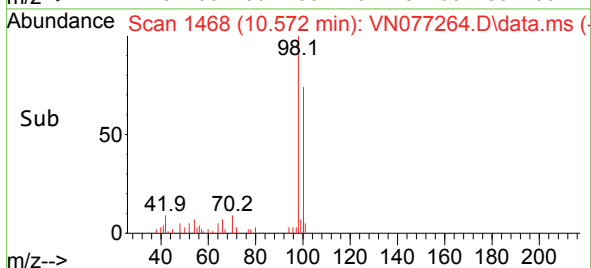
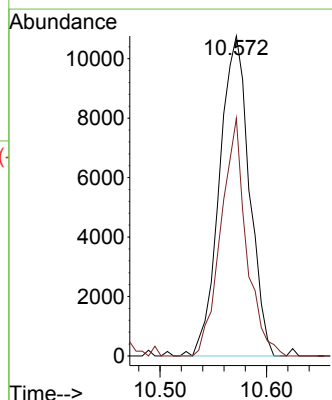
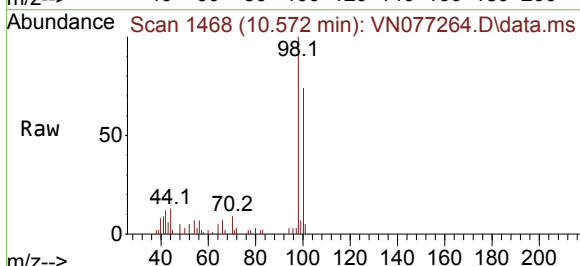
Acq: 05 Apr 2023 16:28

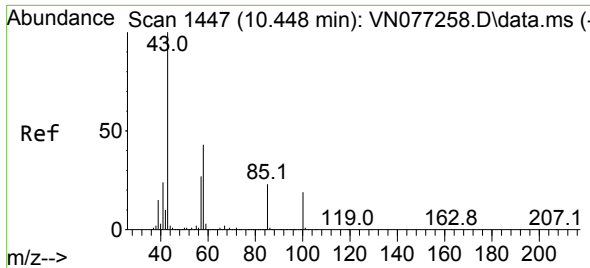
Tgt Ion: 98 Resp: 20953

Ion Ratio Lower Upper

98 100

100 63.6 51.3 76.9

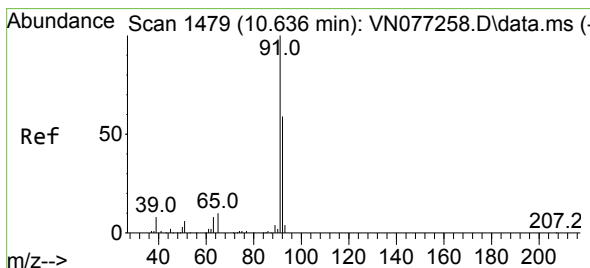
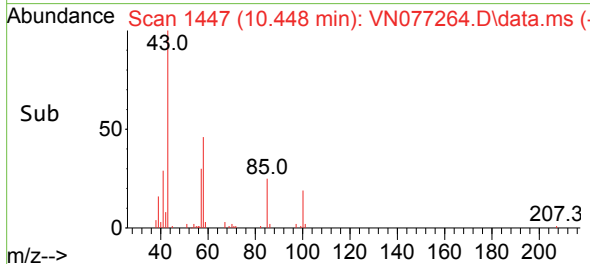
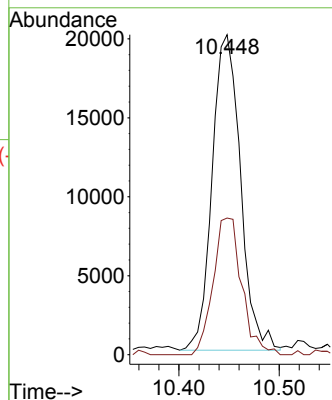
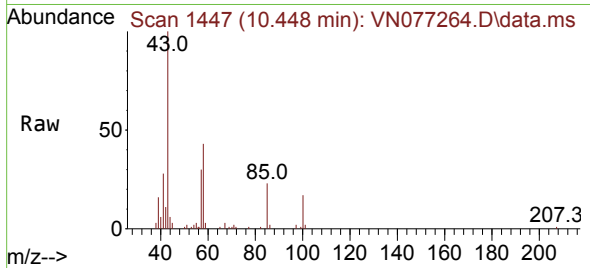




#51
4-Methyl-2-Pentanone
Concen: 4.552 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

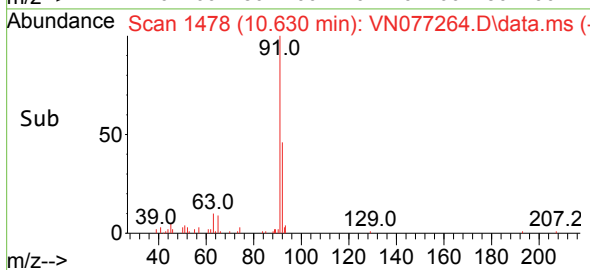
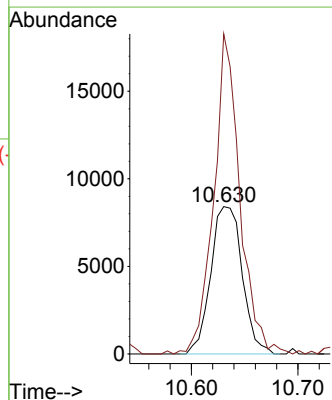
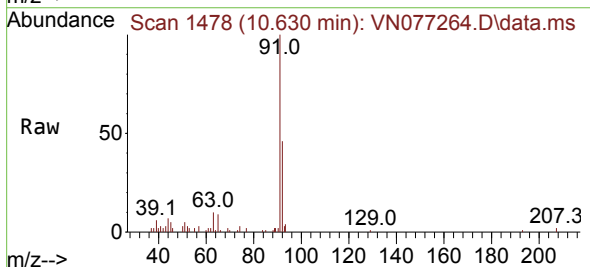
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

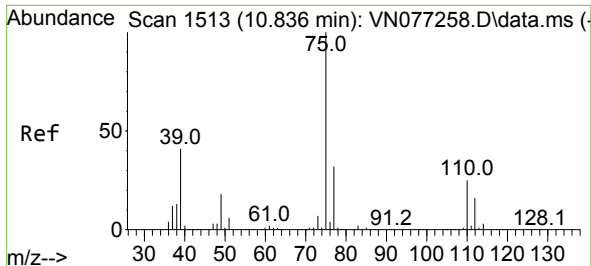
Tgt Ion: 43 Resp: 39258
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0



#52
Toluene
Concen: 0.935 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 92 Resp: 17257
Ion Ratio Lower Upper
92 100
91 180.3 138.0 207.0

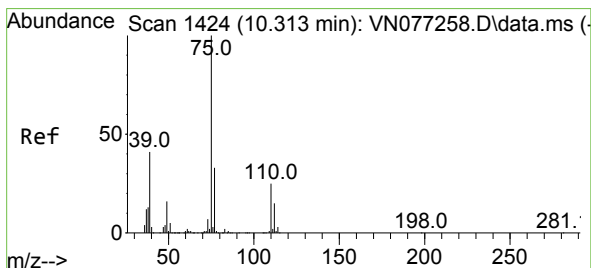
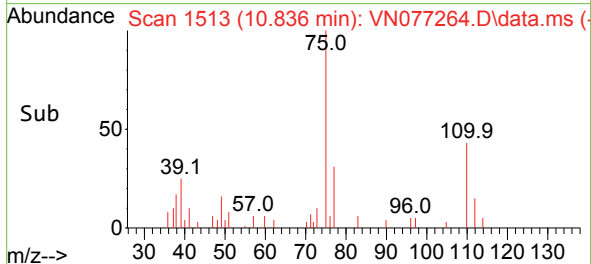
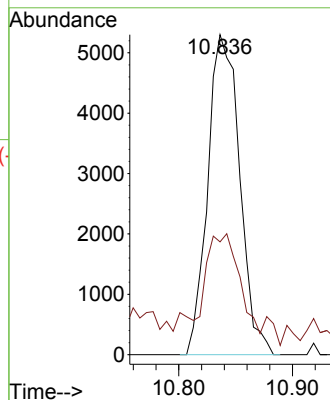
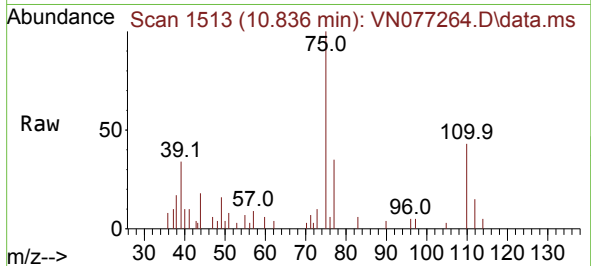




#53
 t-1,3-Dichloropropene
 Concen: 0.942 ug/l
 RT: 10.836 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

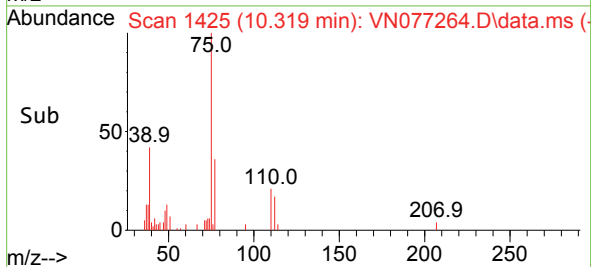
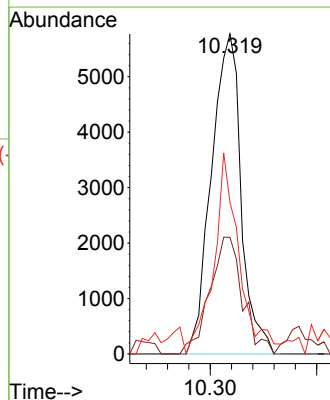
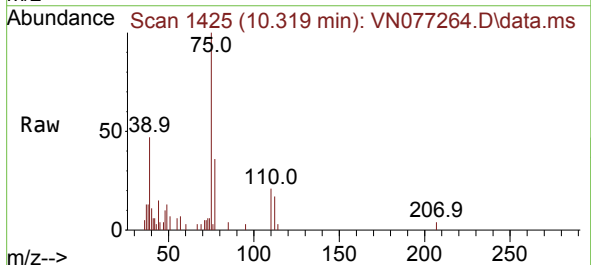
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

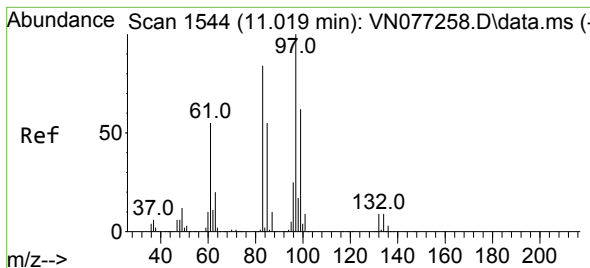
Tgt Ion: 75 Resp: 10314
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 0.958 ug/l
 RT: 10.319 min Scan# 1425
 Delta R.T. 0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion: 75 Resp: 11168
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.7 40.1
 39 44.3 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 1.038 ug/l

RT: 11.013 min Scan# 1543

Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 97 Resp: 7518

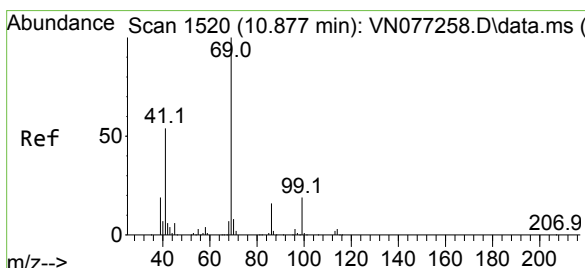
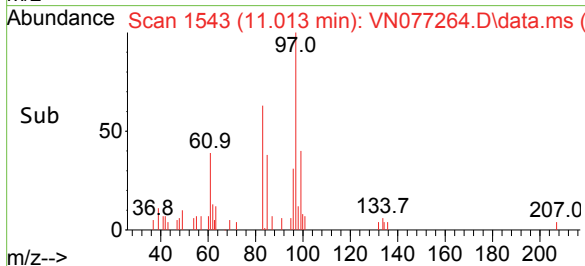
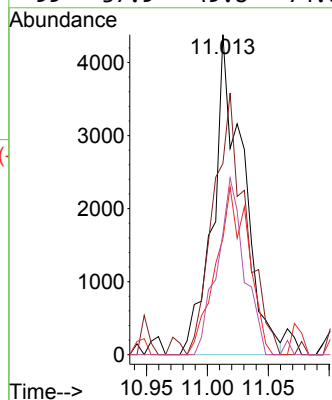
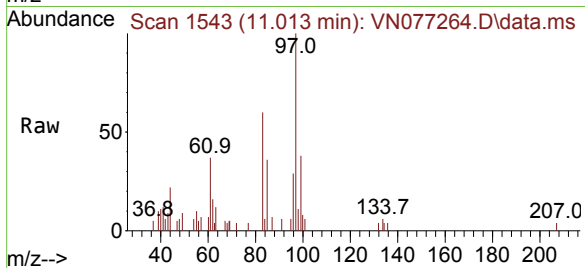
Ion Ratio Lower Upper

97 100

83 59.7 67.4 101.2#

85 36.3 44.1 66.1#

99 37.9 49.8 74.6#



#56

Ethyl methacrylate

Concen: 1.031 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

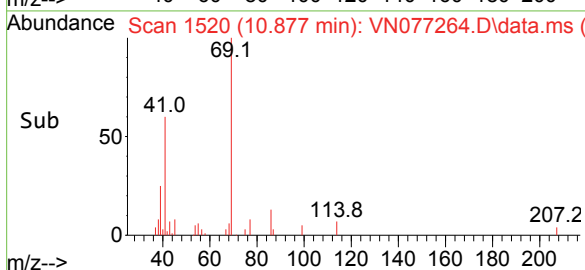
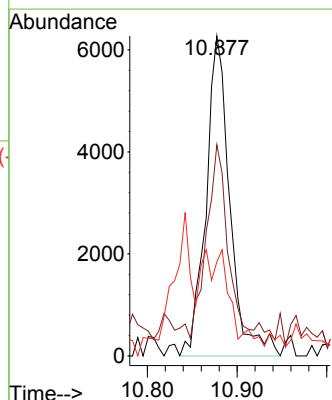
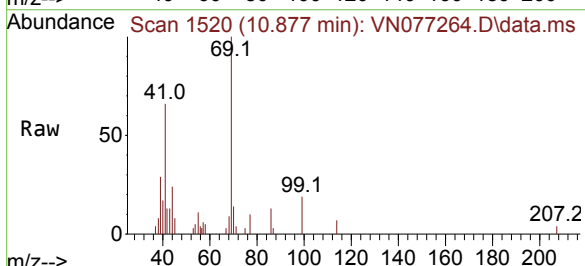
Tgt Ion: 69 Resp: 11630

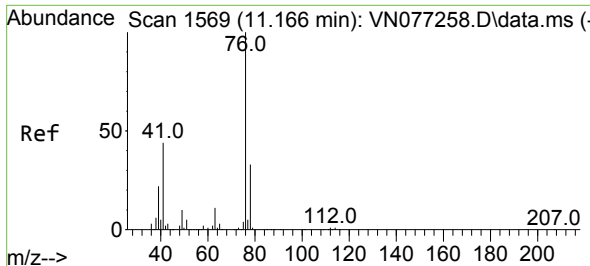
Ion Ratio Lower Upper

69 100

41 54.3 42.8 64.2

39 7.2 27.0 40.4#





#57

1,3-Dichloropropane

Concen: 0.939 ug/l

RT: 11.160 min Scan# 11238

Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

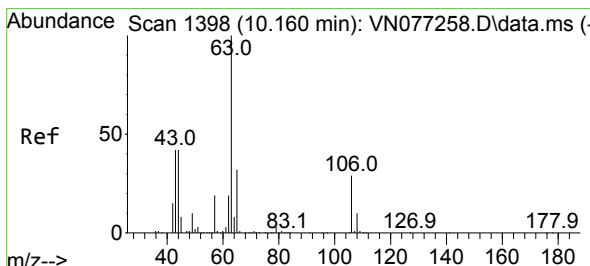
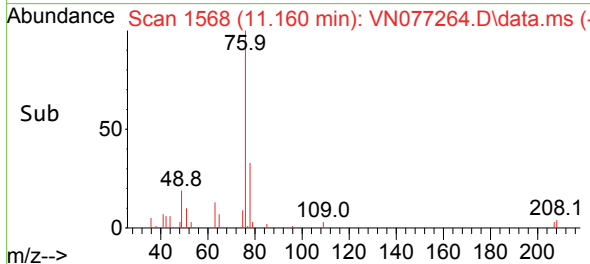
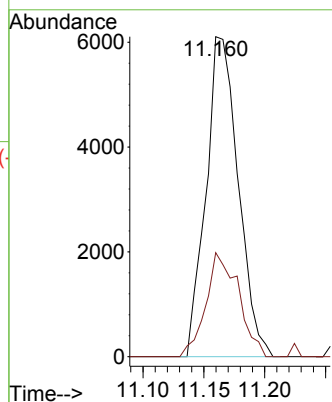
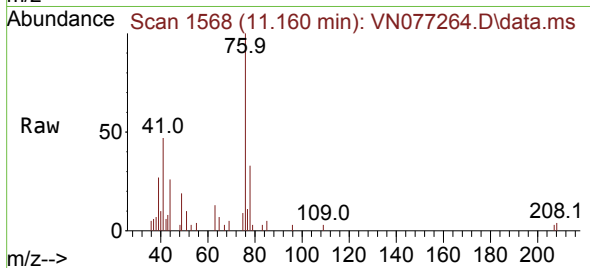
VSTDIC001

Tgt Ion: 76 Resp: 11238

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 3.971 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077264.D

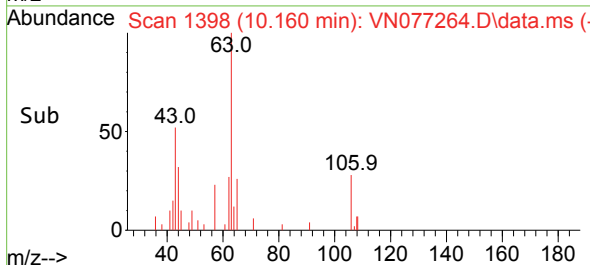
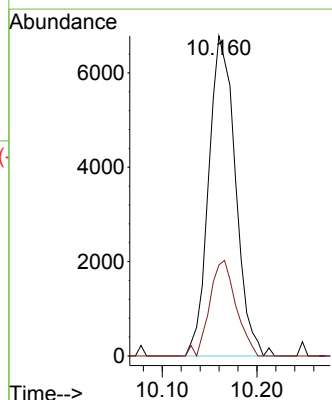
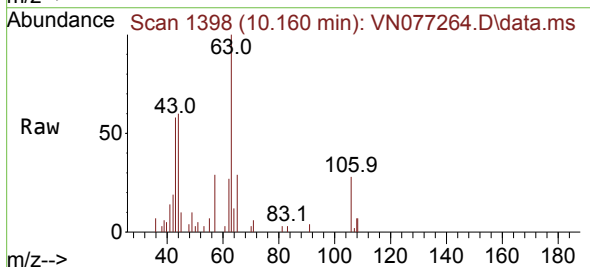
Acq: 05 Apr 2023 16:28

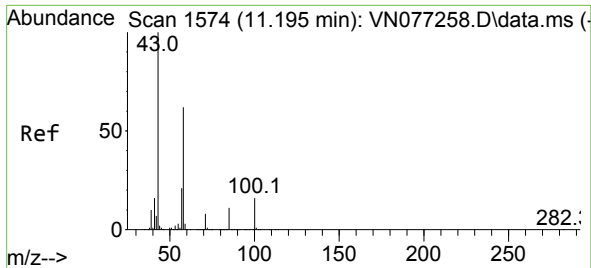
Tgt Ion: 63 Resp: 13337

Ion Ratio Lower Upper

63 100

106 29.4 24.1 36.1

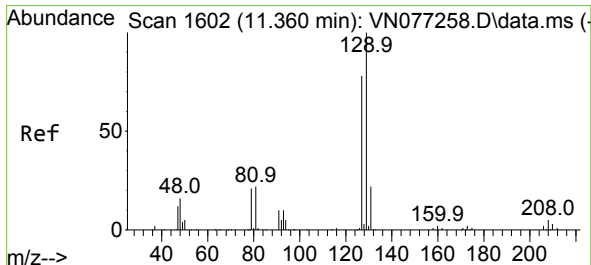
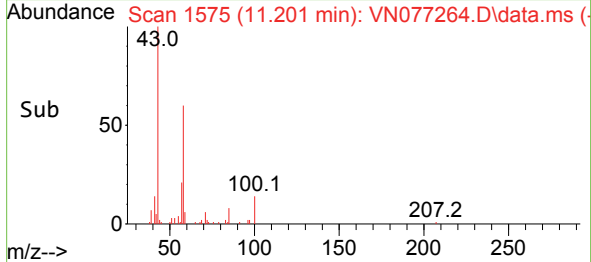
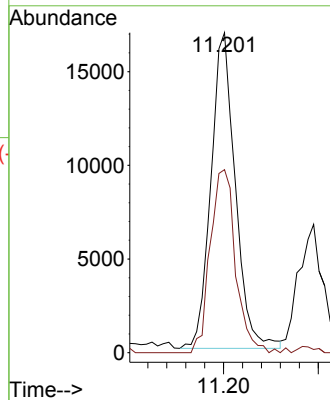
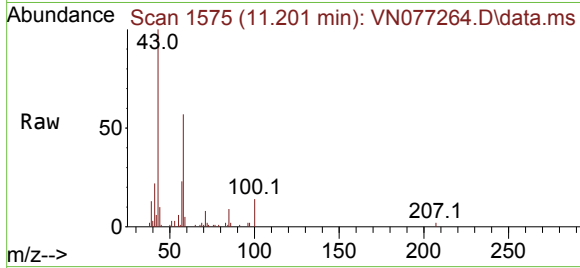




#59
2-Hexanone
Concen: 4.680 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

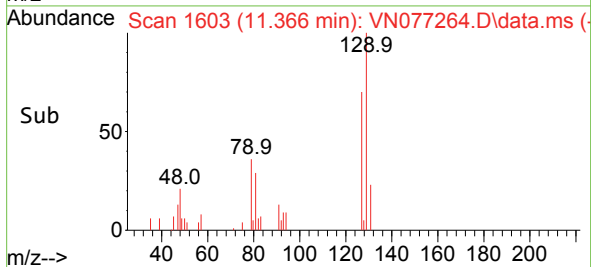
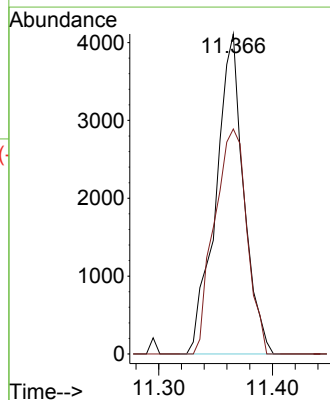
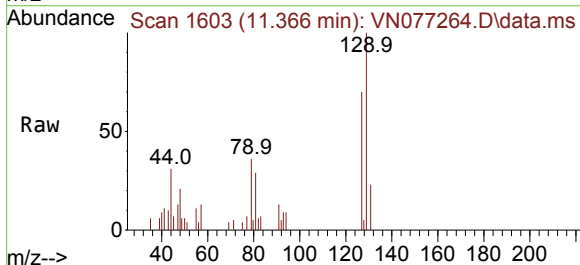
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

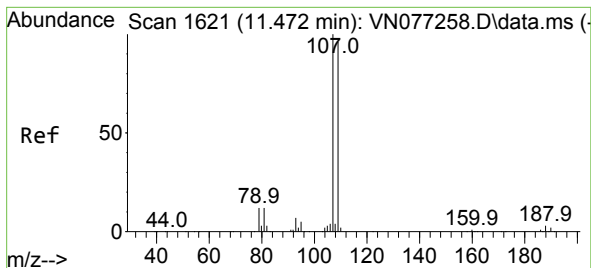
Tgt Ion: 43 Resp: 30072
Ion Ratio Lower Upper
43 100
58 60.3 30.9 92.5



#60
Dibromochloromethane
Concen: 0.940 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 129 Resp: 7014
Ion Ratio Lower Upper
129 100
127 82.0 38.1 114.5

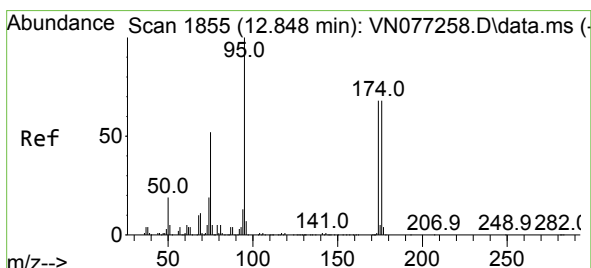
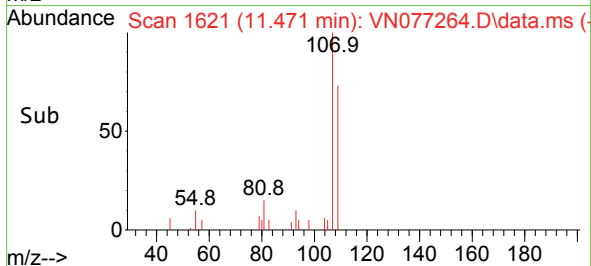
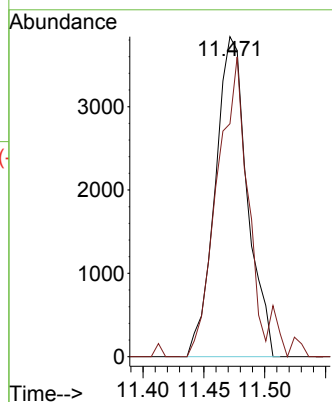
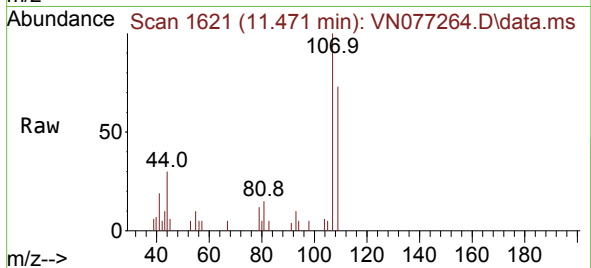




#61
1,2-Dibromoethane
Concen: 0.977 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

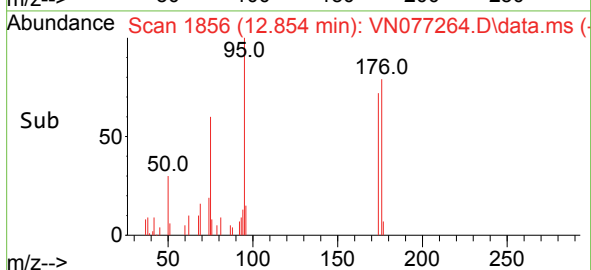
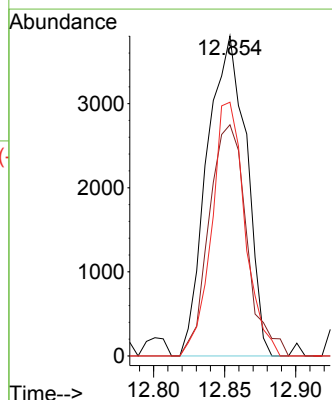
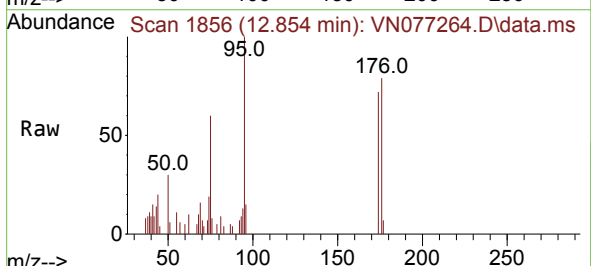
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

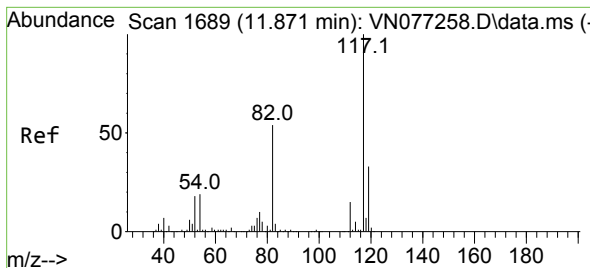
Tgt Ion:107 Resp: 7064
Ion Ratio Lower Upper
107 100
109 87.7 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 0.896 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 95 Resp: 7330
Ion Ratio Lower Upper
95 100
174 69.3 0.0 146.8
176 67.3 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

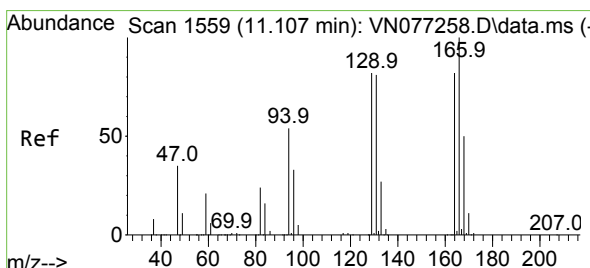
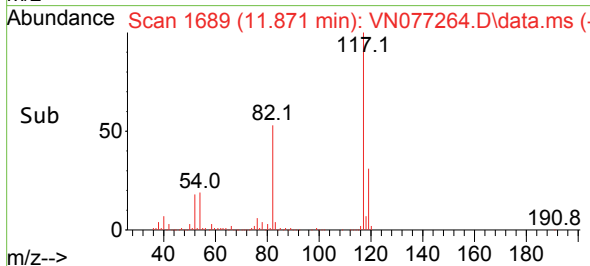
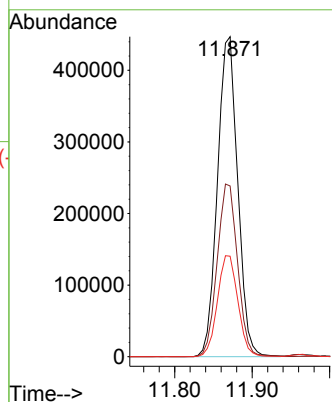
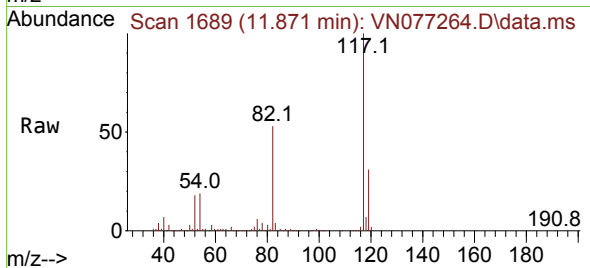
Tgt Ion:117 Resp: 810202

Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

119 31.4 26.2 39.4



#64

Tetrachloroethene

Concen: 1.161 ug/l

RT: 11.113 min Scan# 1560

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:164 Resp: 5811

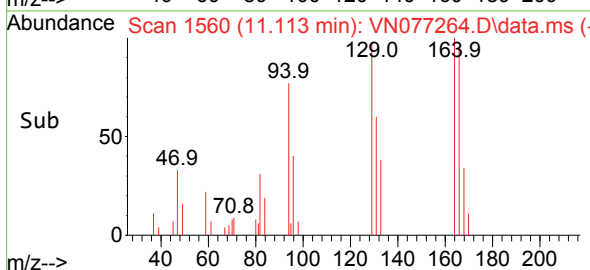
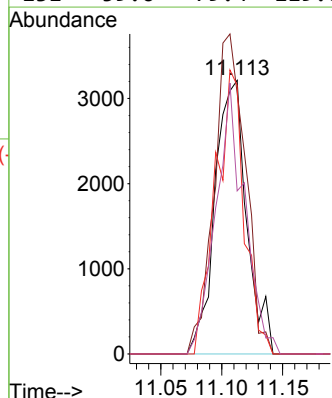
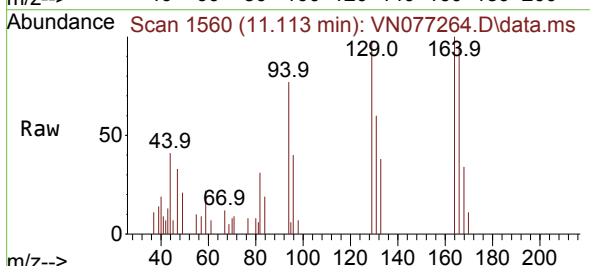
Ion Ratio Lower Upper

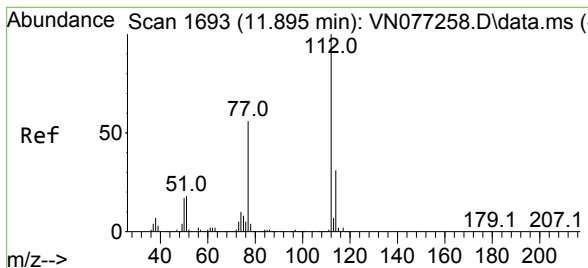
164 100

166 95.2 97.8 146.6#

129 98.1 80.1 120.1

131 59.6 79.4 119.0#

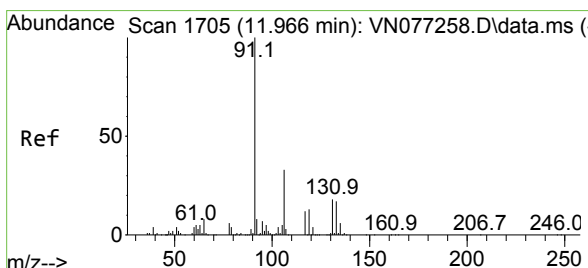
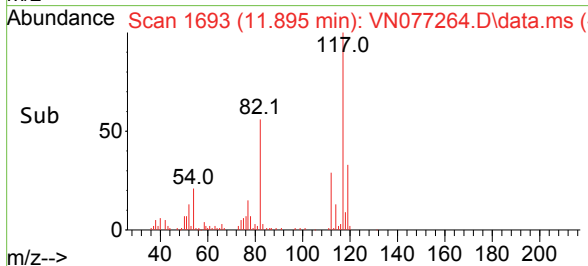
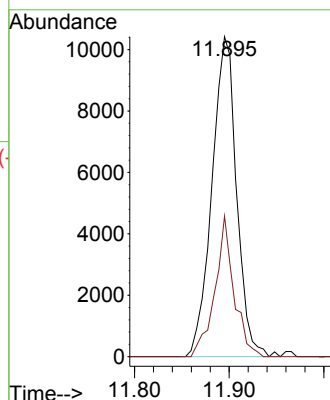
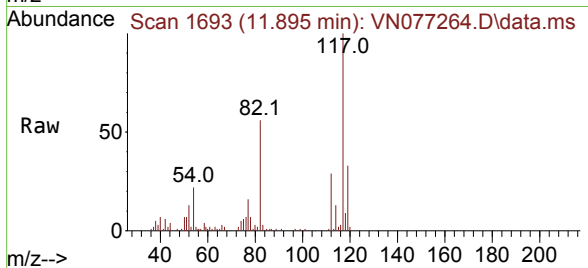




#65
Chlorobenzene
Concen: 1.057 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

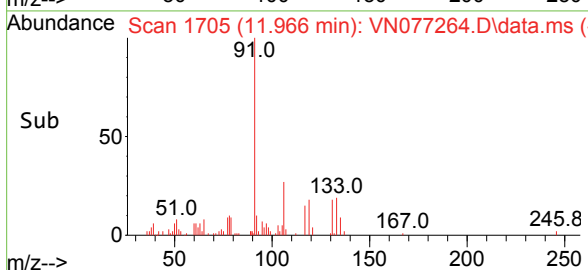
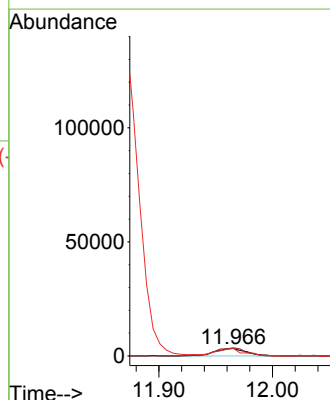
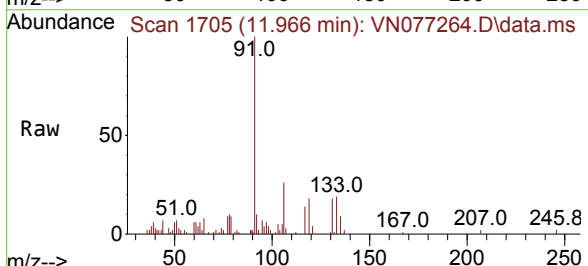
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

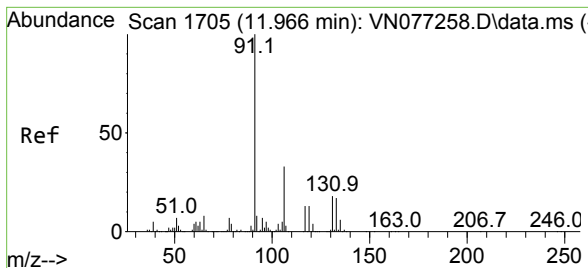
Tgt Ion:112 Resp: 18862
Ion Ratio Lower Upper
112 100
114 44.0 24.6 36.8#



#66
1,1,1,2-Tetrachloroethane
Concen: 0.922 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:131 Resp: 6223
Ion Ratio Lower Upper
131 100
133 107.9 46.9 140.6
119 0.0 34.0 102.0#

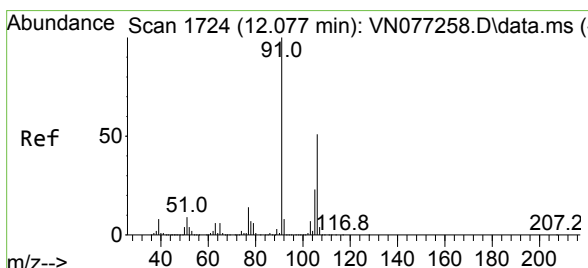
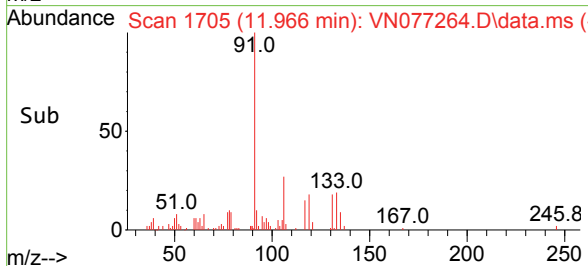
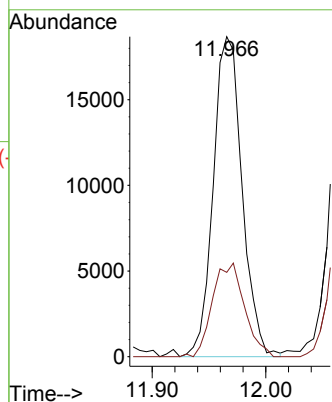
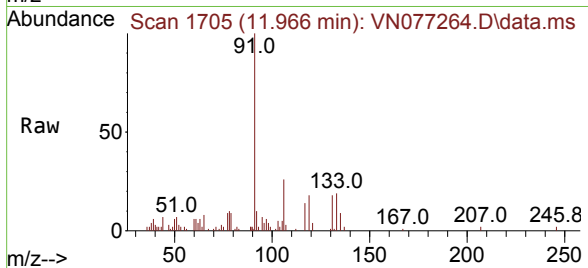




#67
Ethyl Benzene
Concen: 1.001 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

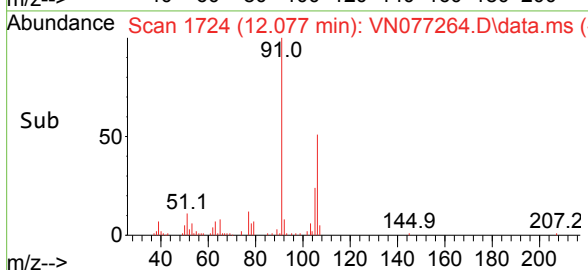
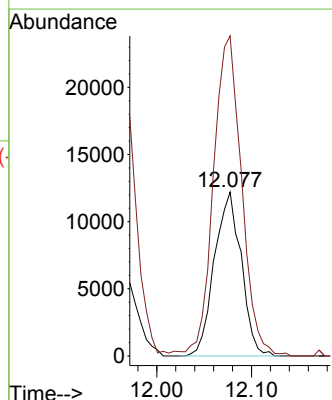
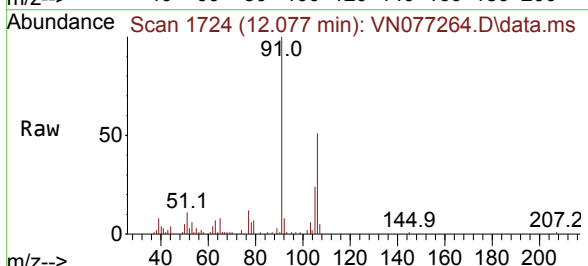
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

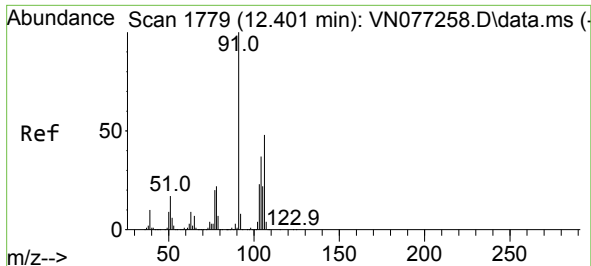
Tgt Ion: 91 Resp: 32942
Ion Ratio Lower Upper
91 100
106 26.4 26.2 39.2



#68
m/p-Xylenes
Concen: 1.857 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:106 Resp: 24014
Ion Ratio Lower Upper
106 100
91 205.6 158.7 238.1

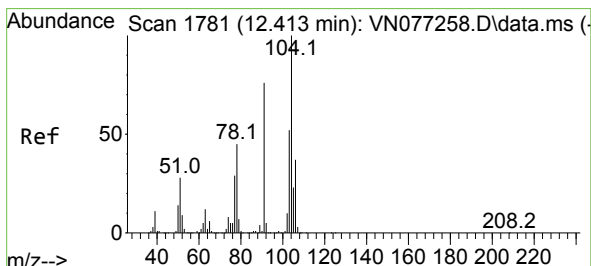
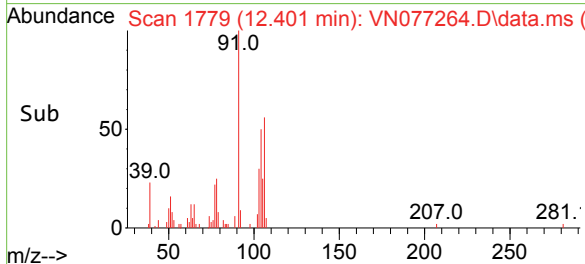
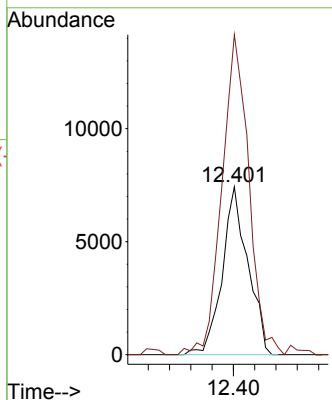
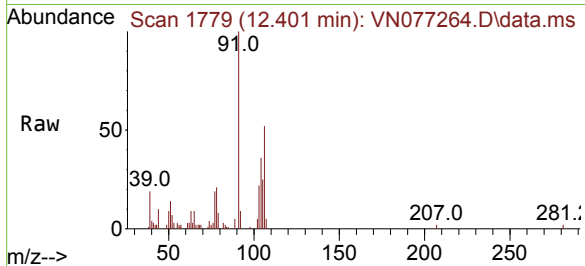




#69
o-Xylene
Concen: 0.973 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

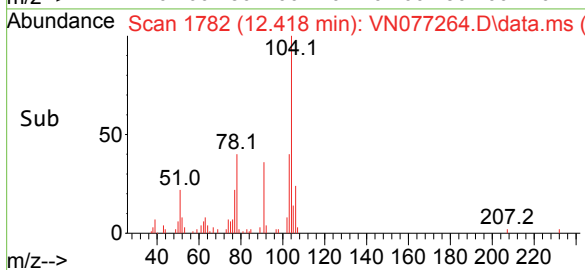
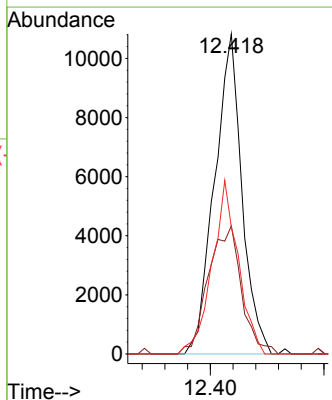
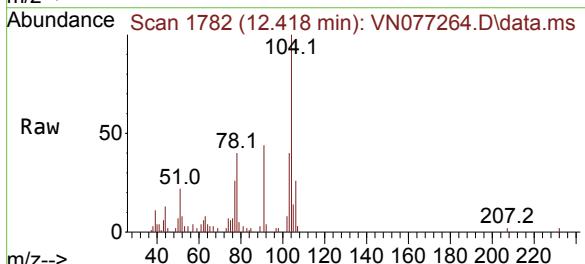
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

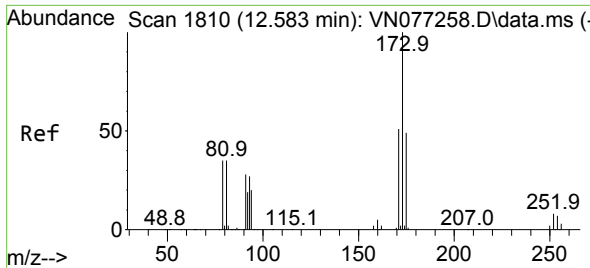
Tgt Ion:106 Resp: 12416
Ion Ratio Lower Upper
106 100
91 199.7 104.0 312.0



#70
Styrene
Concen: 0.882 ug/l
RT: 12.418 min Scan# 1782
Delta R.T. 0.005 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:104 Resp: 18112
Ion Ratio Lower Upper
104 100
78 48.4 38.0 57.0
103 51.8 43.1 64.7

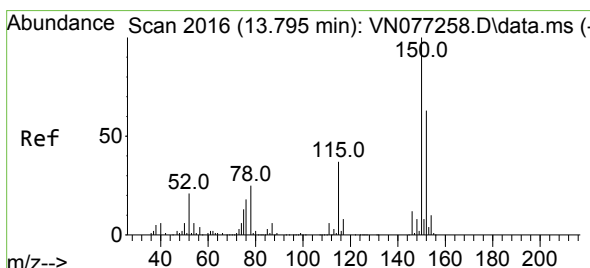
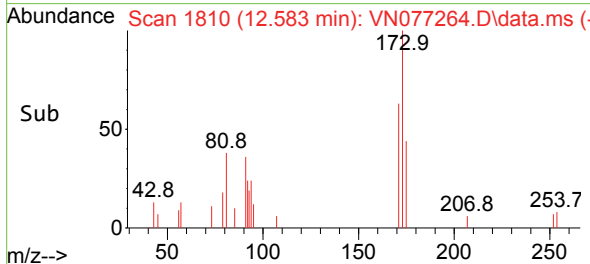
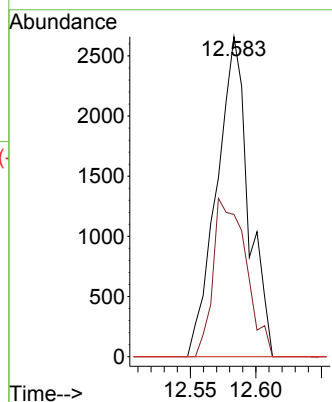
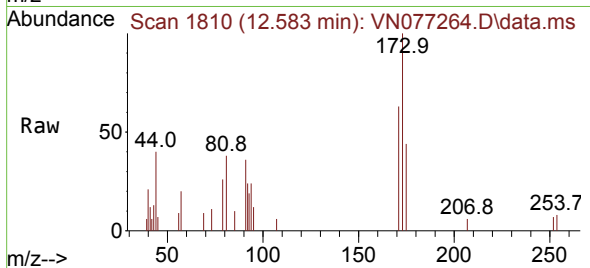




#71
Bromoform
Concen: 0.948 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

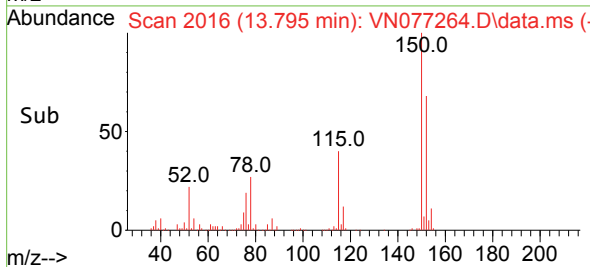
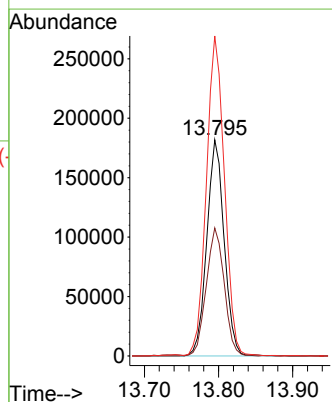
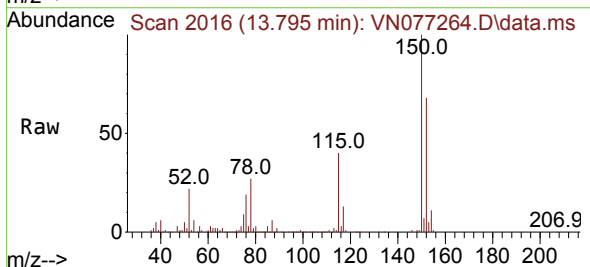
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

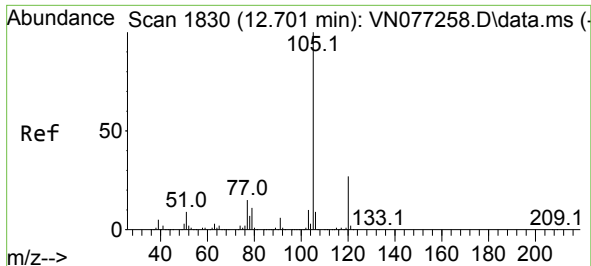
Tgt Ion:173 Resp: 4503
Ion Ratio Lower Upper
173 100
175 50.8 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion:152 Resp: 295989
Ion Ratio Lower Upper
152 100
115 61.3 32.1 96.3
150 153.8 0.0 354.8

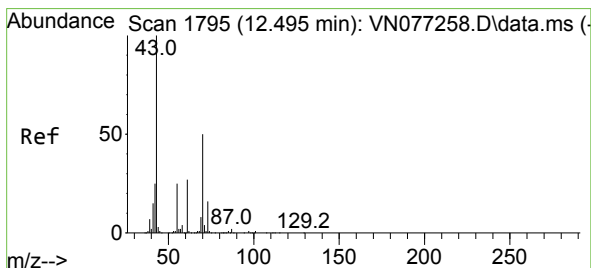
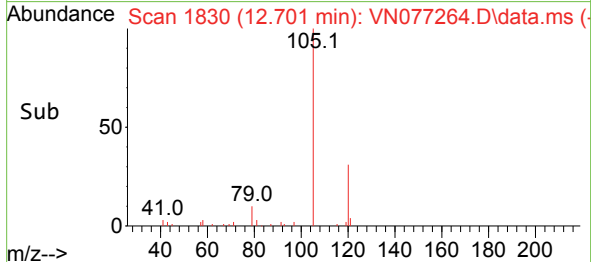
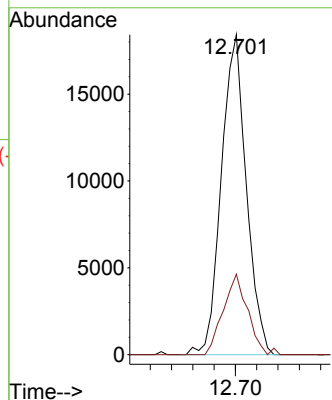
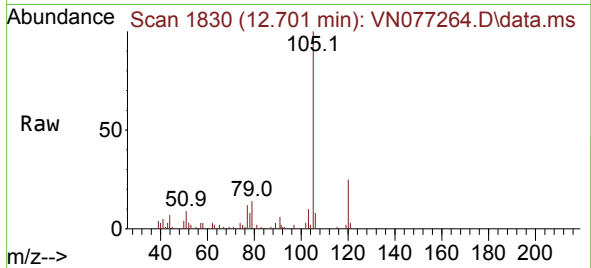




#73
Isopropylbenzene
Concen: 1.042 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

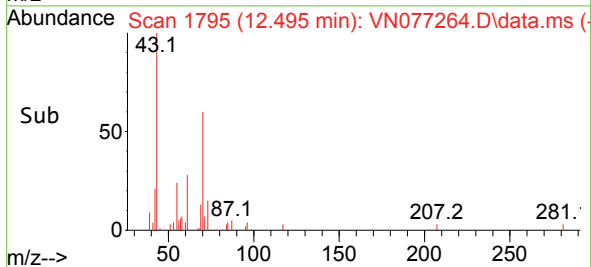
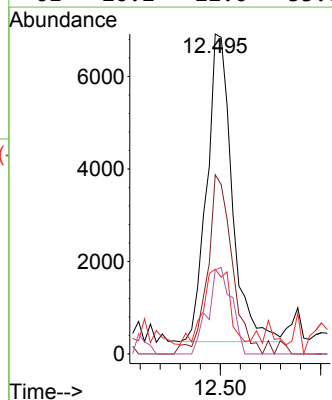
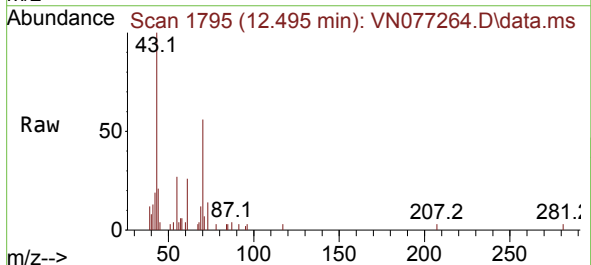
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

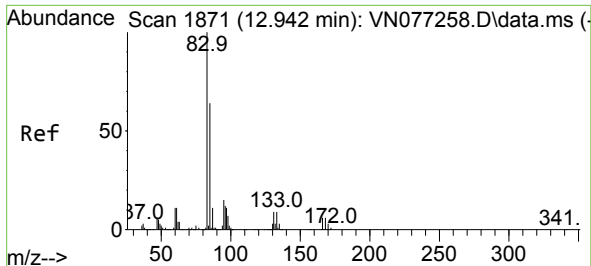
Tgt Ion:105 Resp: 29947
Ion Ratio Lower Upper
105 100
120 24.7 13.2 39.6



#74
N-ethyl acetate
Concen: 1.067 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 43 Resp: 11629
Ion Ratio Lower Upper
43 100
70 56.5 41.0 61.6
55 25.5 19.3 28.9
61 26.2 22.0 33.0

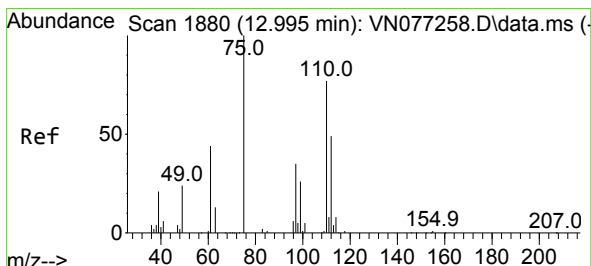
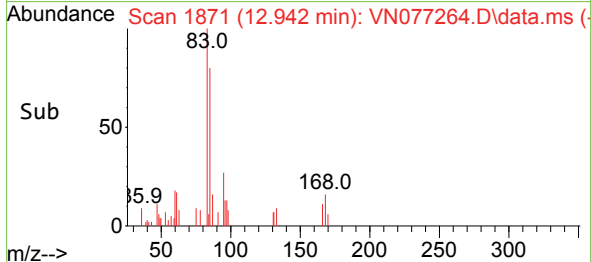
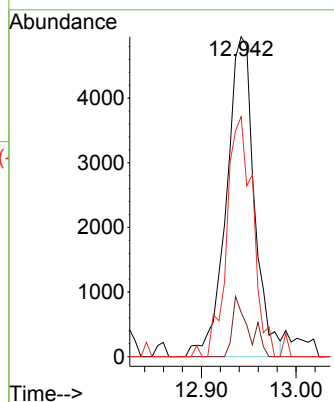
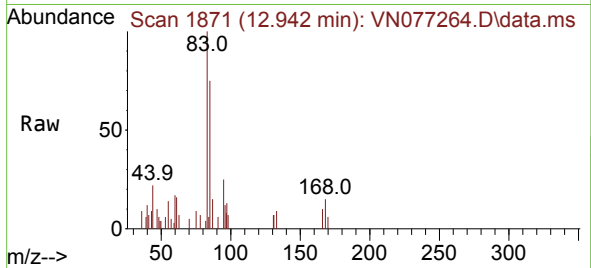




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.123 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. -0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

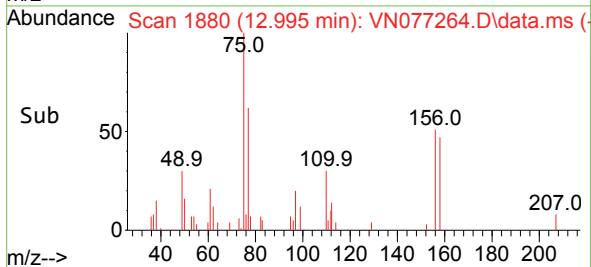
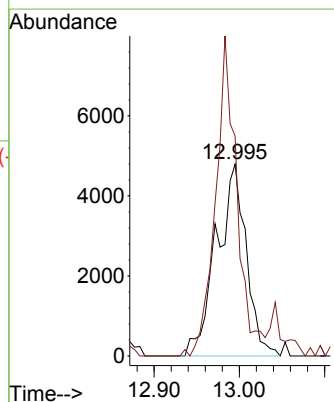
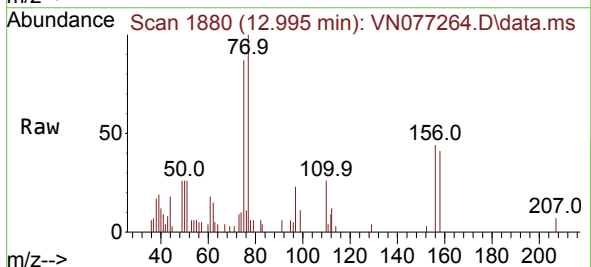
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

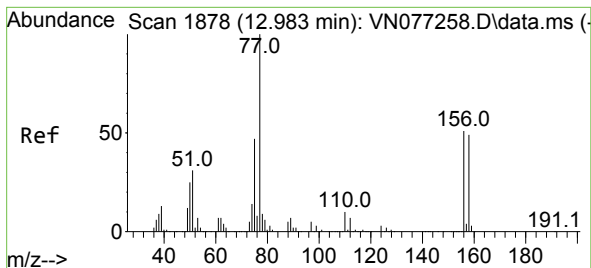
Tgt Ion: 83 Resp: 10130
 Ion Ratio Lower Upper
 83 100
 131 11.1 4.9 14.6
 85 69.9 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 1.646 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion: 75 Resp: 11598
 Ion Ratio Lower Upper
 75 100
 77 120.2 88.3 264.9





#77

Bromobenzene

Concen: 1.024 ug/l

RT: 12.989 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

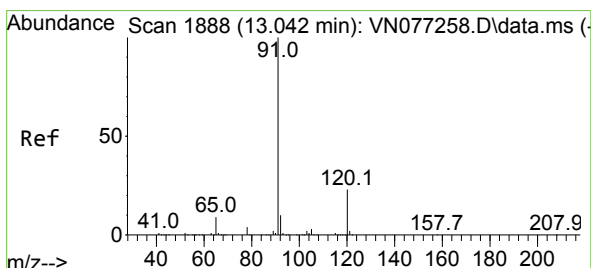
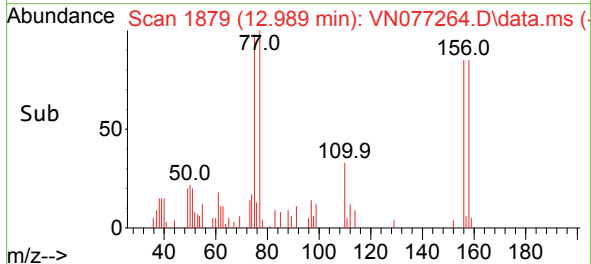
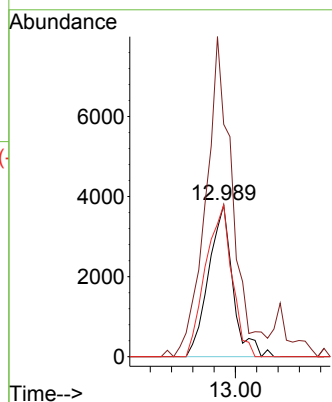
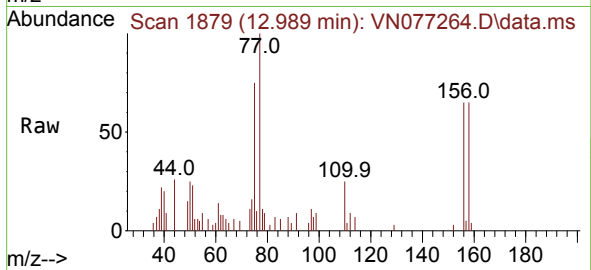
Tgt Ion:156 Resp: 5988

Ion Ratio Lower Upper

156 100

77 232.8 115.3 345.8

158 109.4 49.3 147.8



#78

n-propylbenzene

Concen: 0.995 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.006 min

Lab File: VN077264.D

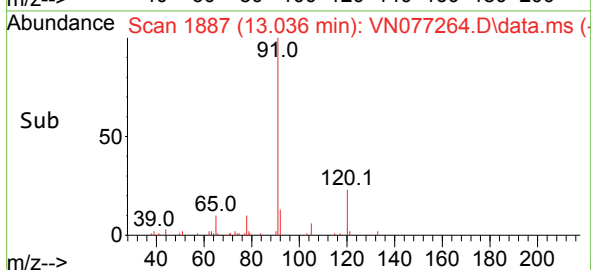
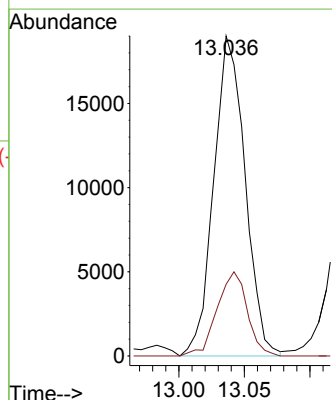
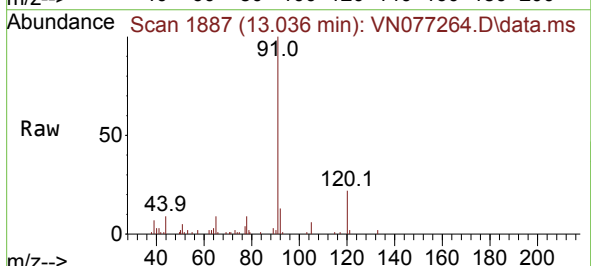
Acq: 05 Apr 2023 16:28

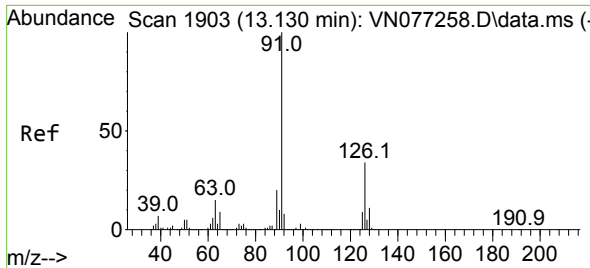
Tgt Ion: 91 Resp: 31594

Ion Ratio Lower Upper

91 100

120 25.3 11.5 34.5

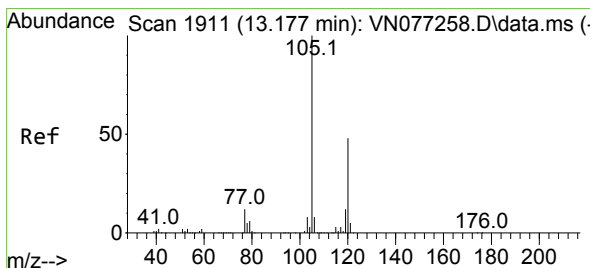
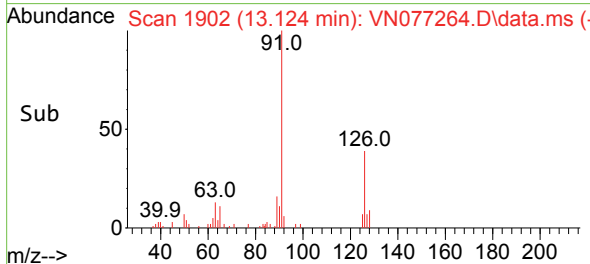
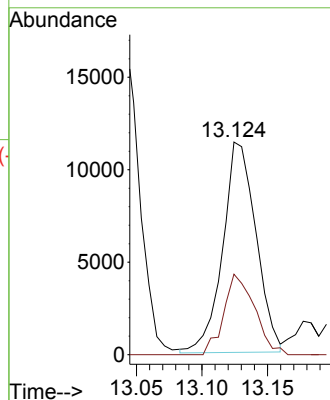
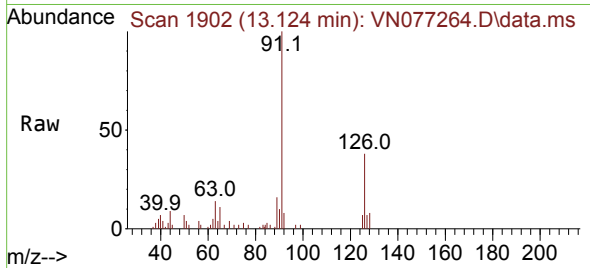




#79
2-Chlorotoluene
Concen: 1.050 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

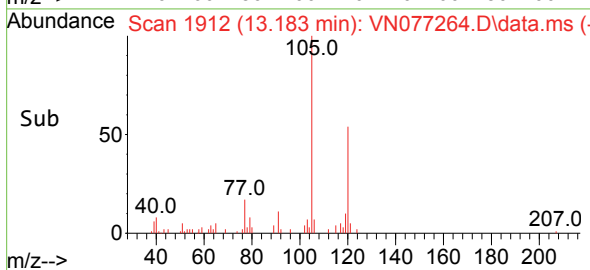
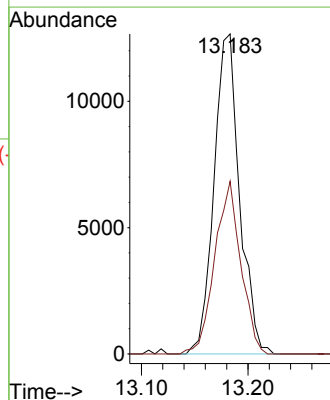
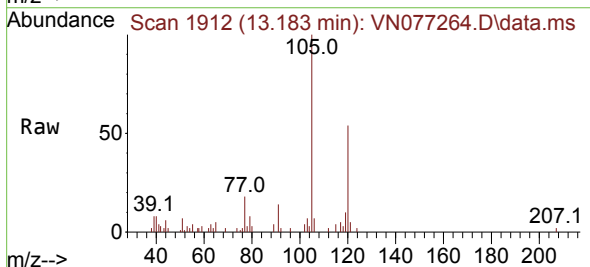
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

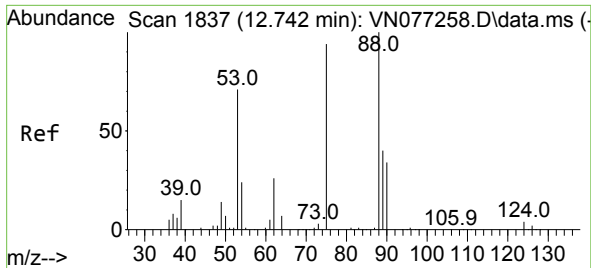
Tgt Ion: 91 Resp: 20078
Ion Ratio Lower Upper
91 100
126 35.4 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 0.918 ug/l
RT: 13.183 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 105 Resp: 21084
Ion Ratio Lower Upper
105 100
120 55.1 24.3 73.0

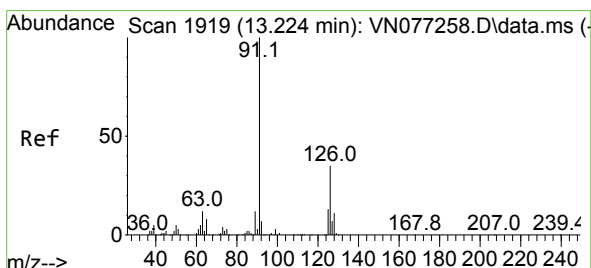
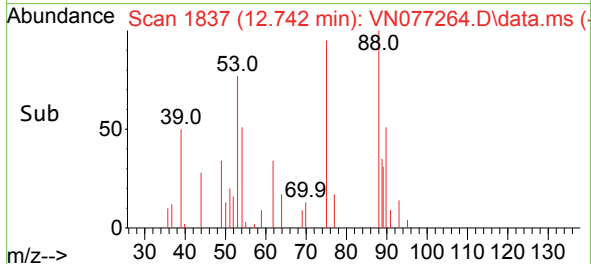
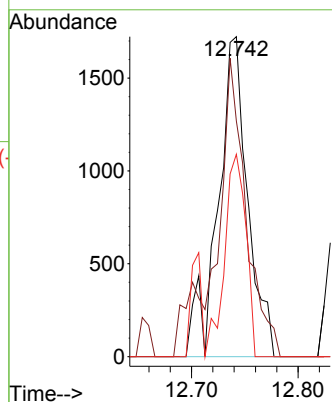
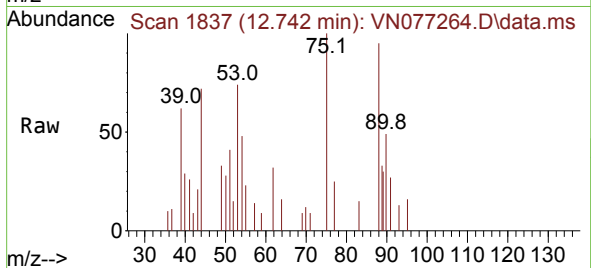




#81
trans-1,4-Dichloro-2-butene
Concen: 1.065 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

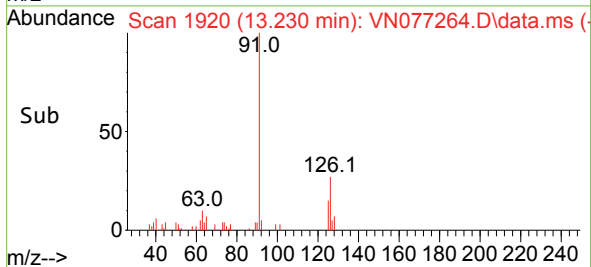
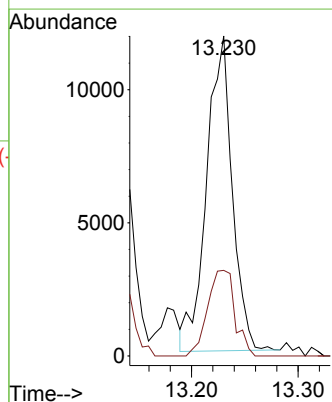
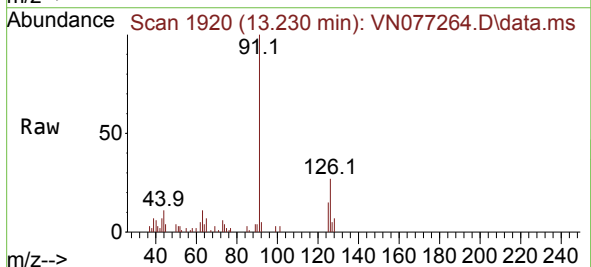
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

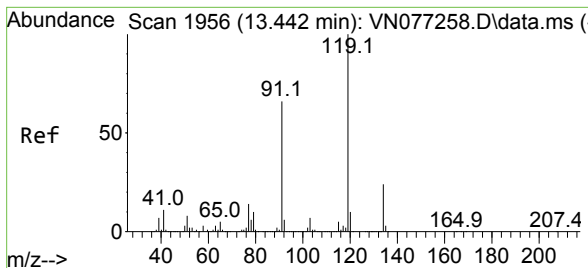
Tgt Ion: 75 Resp: 3335
Ion Ratio Lower Upper
75 100
53 78.6 72.8 109.2
89 41.6 37.4 56.2



#82
4-Chlorotoluene
Concen: 1.098 ug/l
RT: 13.230 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VN077264.D
Acq: 05 Apr 2023 16:28

Tgt Ion: 91 Resp: 19810
Ion Ratio Lower Upper
91 100
126 28.9 16.9 50.7





#83

tert-Butylbenzene

Concen: 1.029 ug/l

RT: 13.436 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

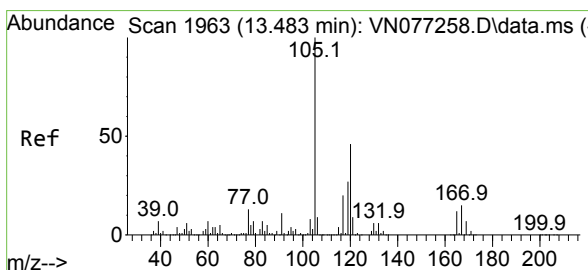
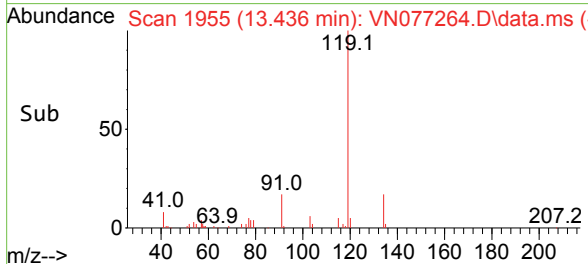
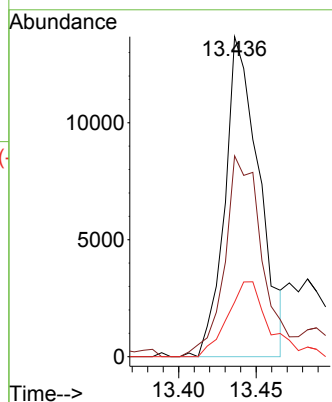
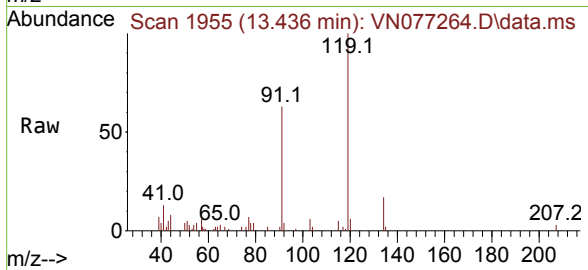
Tgt Ion:119 Resp: 21025

Ion Ratio Lower Upper

119 100

91 69.3 33.5 100.4

134 28.7 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 0.817 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077264.D

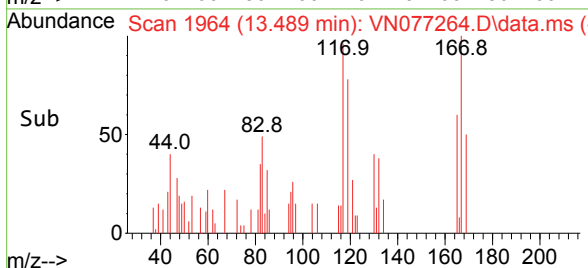
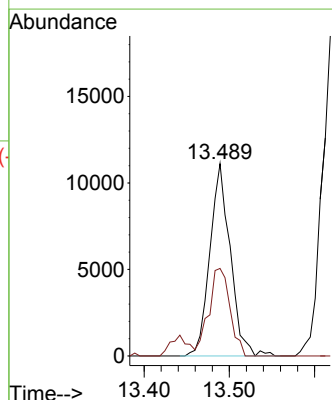
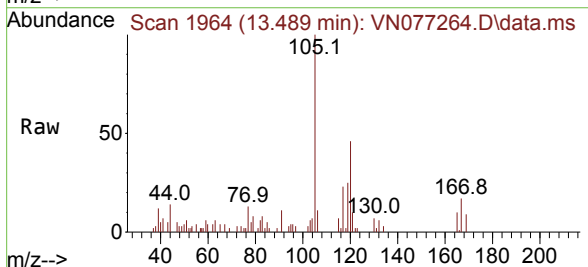
Acq: 05 Apr 2023 16:28

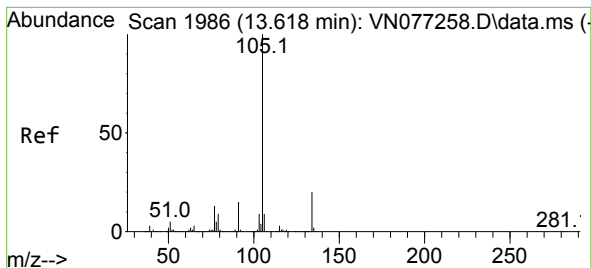
Tgt Ion:105 Resp: 18543

Ion Ratio Lower Upper

105 100

120 47.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 1.020 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

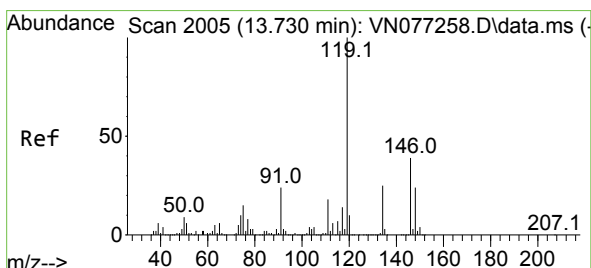
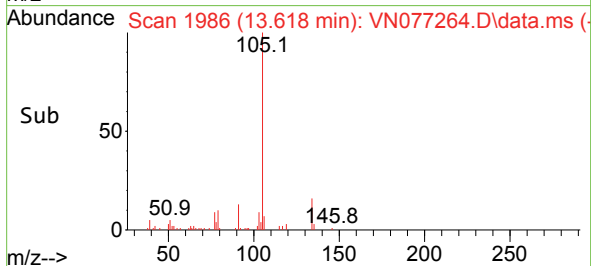
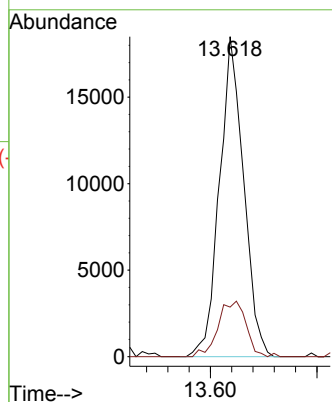
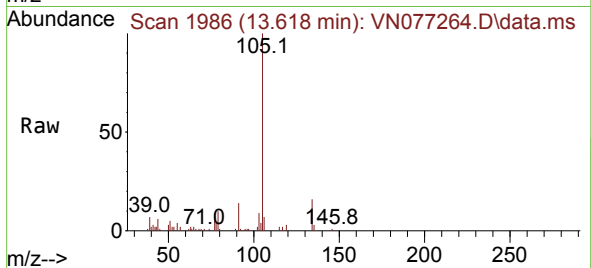
VSTDIC001

Tgt Ion:105 Resp: 29063

Ion Ratio Lower Upper

105 100

134 20.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.896 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

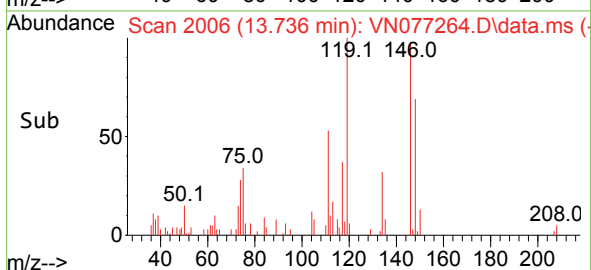
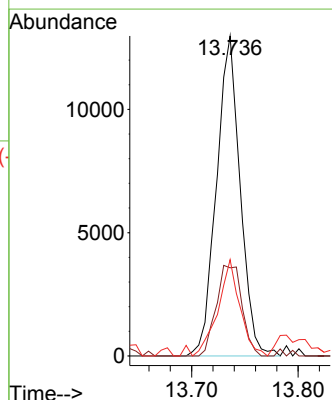
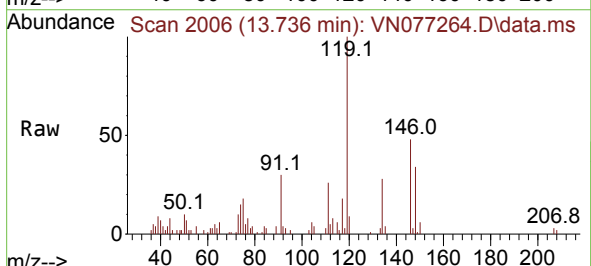
Tgt Ion:119 Resp: 20059

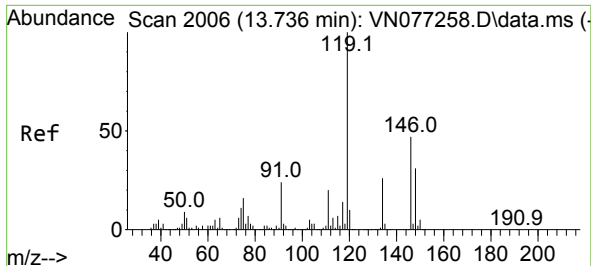
Ion Ratio Lower Upper

119 100

134 30.6 12.9 38.6

91 27.8 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 1.062 ug/l

RT: 13.742 min Scan# 2007

Delta R.T. 0.006 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

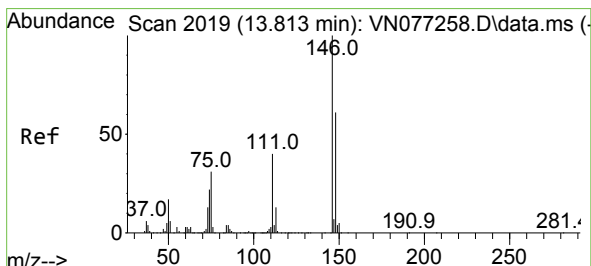
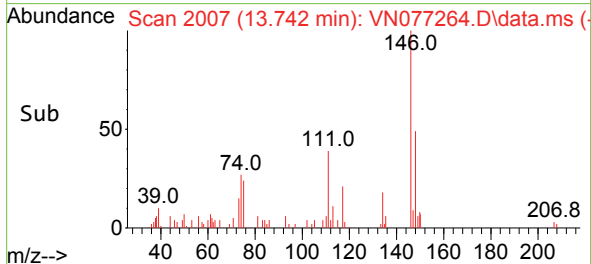
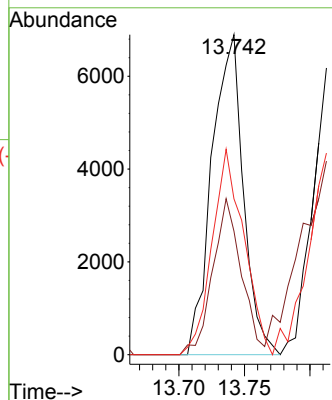
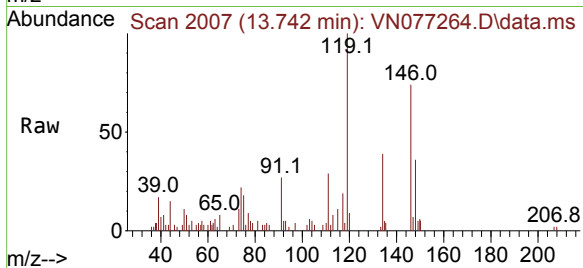
Tgt Ion:146 Resp: 11480

Ion Ratio Lower Upper

146 100

111 44.6 21.8 65.4

148 65.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 1.076 ug/l

RT: 13.742 min Scan# 2007

Delta R.T. -0.071 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

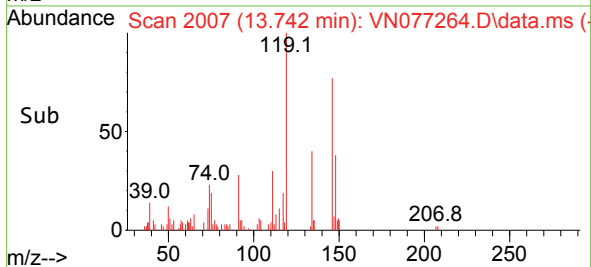
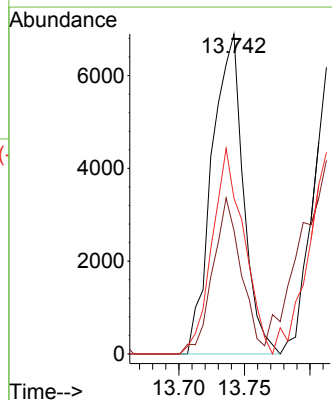
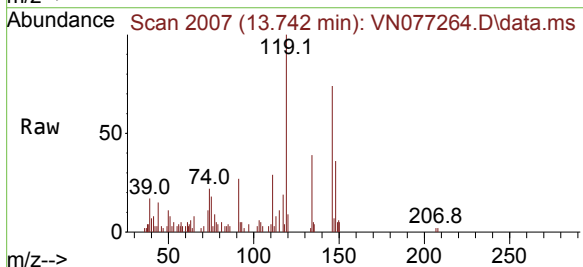
Tgt Ion:146 Resp: 11480

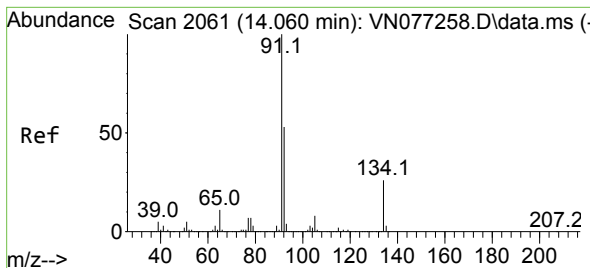
Ion Ratio Lower Upper

146 100

111 44.6 20.4 61.2

148 65.0 31.6 95.0





#89

n-Butylbenzene

Concen: 0.971 ug/l

RT: 14.065 min Scan# 2061

Delta R.T. 0.005 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

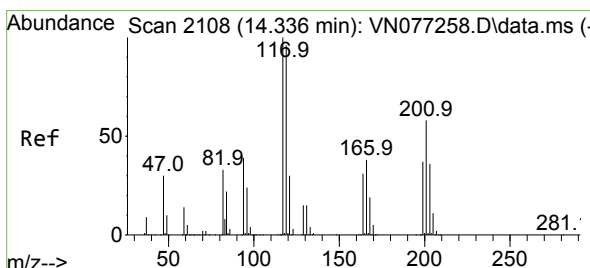
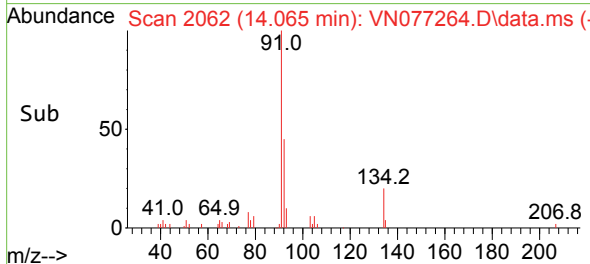
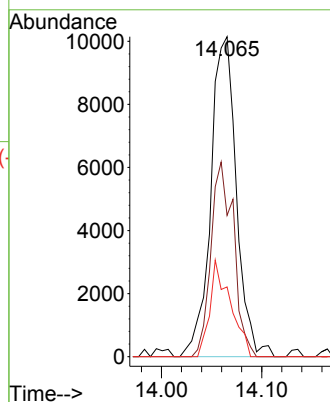
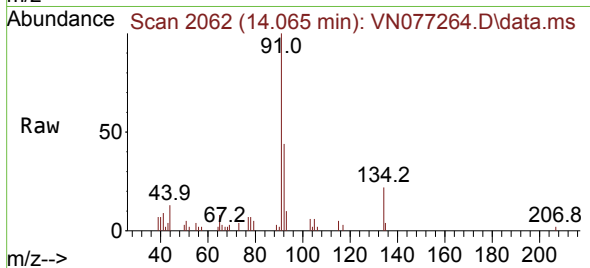
Tgt Ion: 91 Resp: 18047

Ion Ratio Lower Upper

91 100

92 53.7 26.7 80.0

134 24.2 12.8 38.3



#90

Hexachloroethane

Concen: 0.967 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077264.D

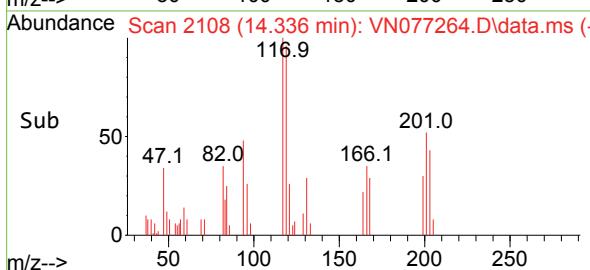
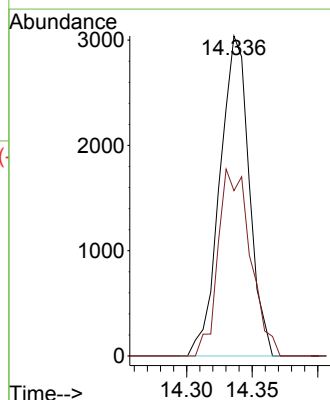
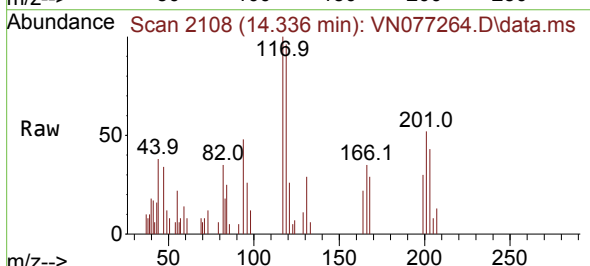
Acq: 05 Apr 2023 16:28

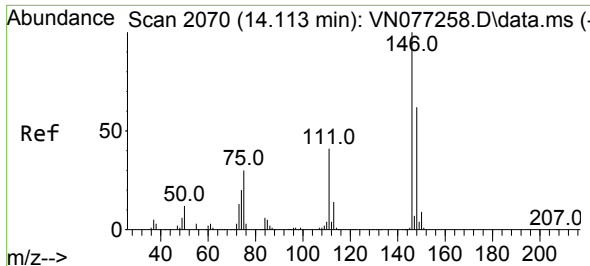
Tgt Ion: 117 Resp: 4734

Ion Ratio Lower Upper

117 100

201 64.2 29.8 89.5

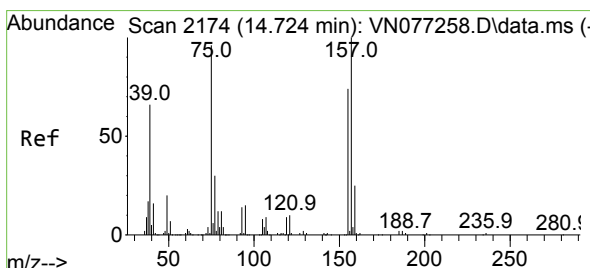
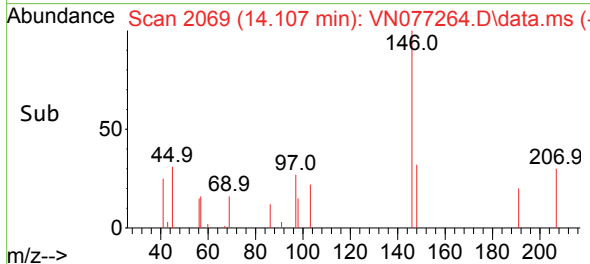
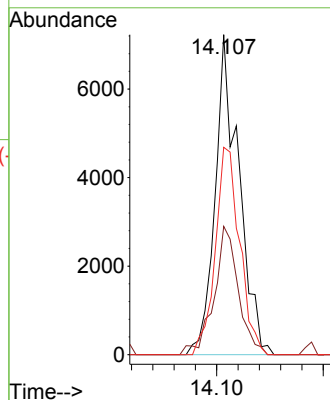
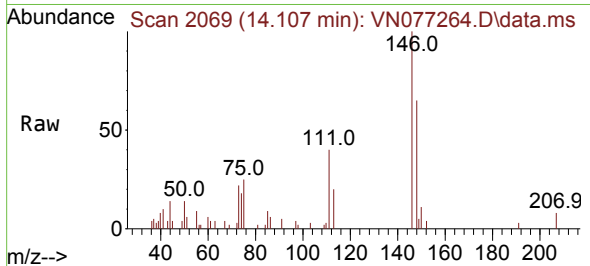




#91
 1,2-Dichlorobenzene
 Concen: 1.034 ug/l
 RT: 14.107 min Scan# 2070
 Delta R.T. -0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

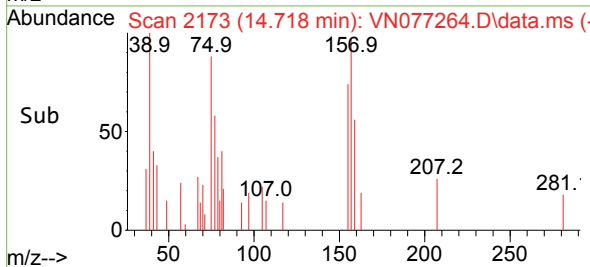
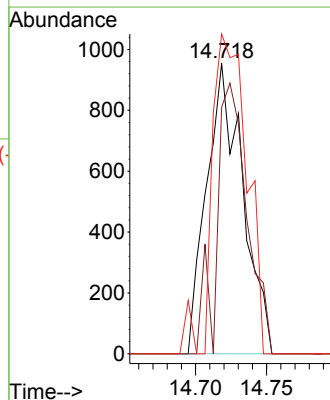
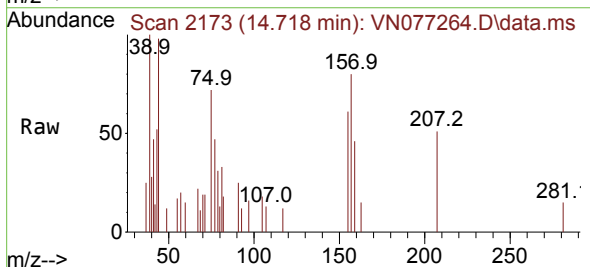
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

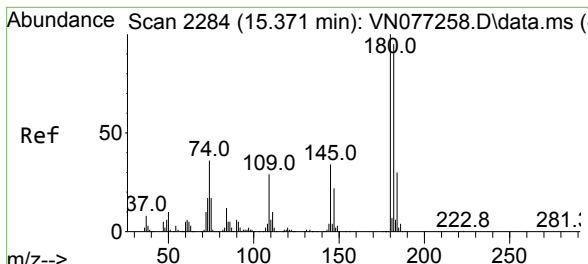
Tgt Ion:	146	Resp:	11190
Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.9	65.5
148	66.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.985 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion:	75	Resp:	1684
Ion	Ratio	Lower	Upper
75	100		
155	78.7	41.0	123.2
157	106.3	54.0	162.0

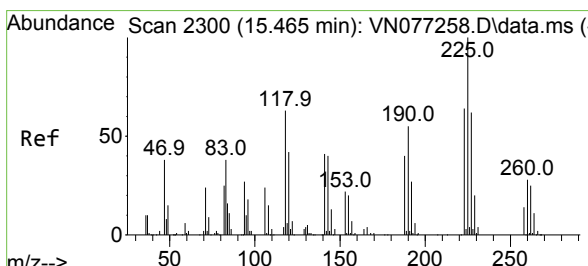
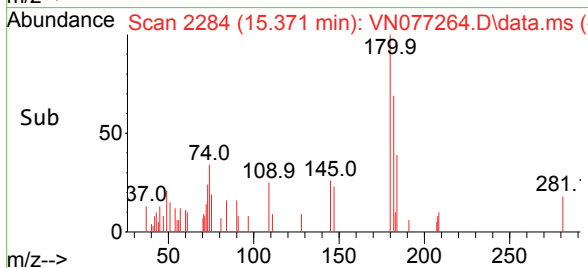
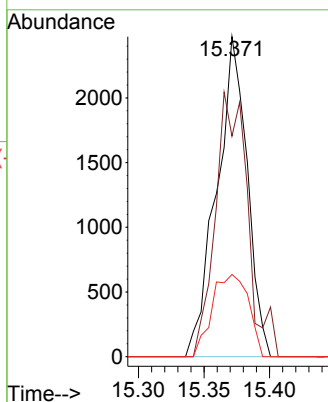
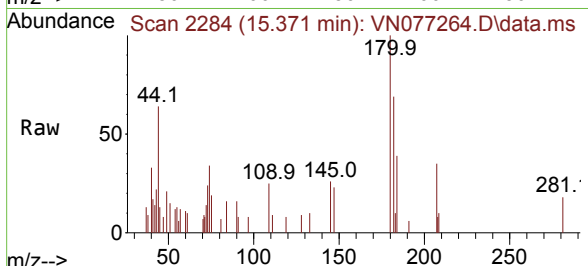




#93
 1,2,4-Trichlorobenzene
 Concen: 1.026 ug/l
 RT: 15.371 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

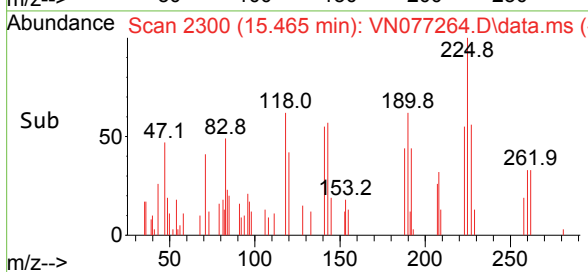
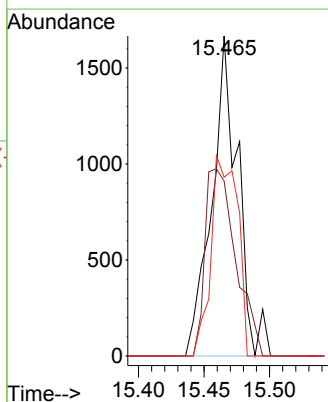
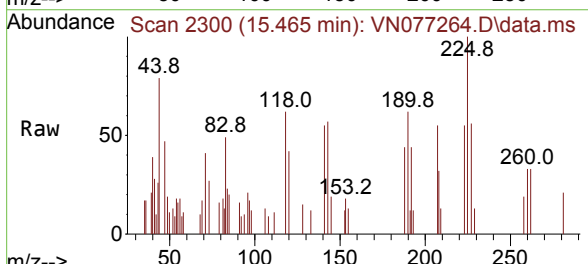
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

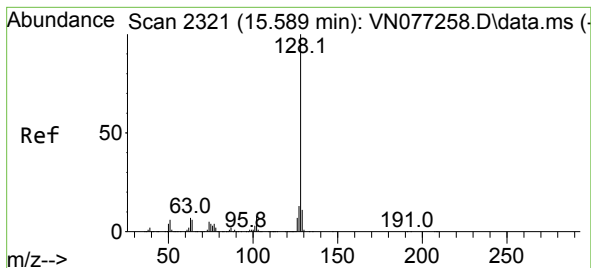
Tgt Ion:	180	Resp:	4006
Ion Ratio	Lower	Upper	
180	100		
182	87.2	46.7	140.0
145	30.6	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 1.016 ug/l
 RT: 15.465 min Scan# 2300
 Delta R.T. 0.000 min
 Lab File: VN077264.D
 Acq: 05 Apr 2023 16:28

Tgt Ion:	225	Resp:	2298
Ion Ratio	Lower	Upper	
225	100		
223	69.4	31.7	95.1
227	63.9	31.2	93.6





#95

Naphthalene

Concen: 0.789 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

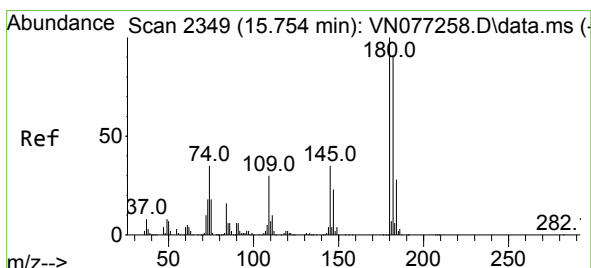
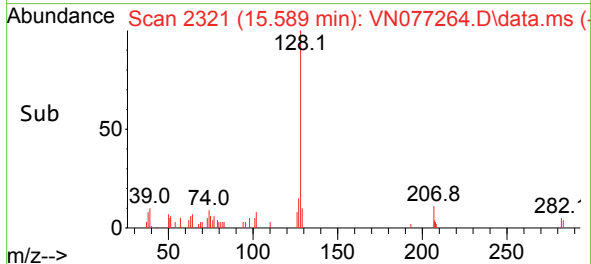
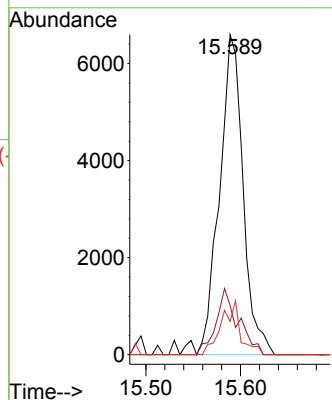
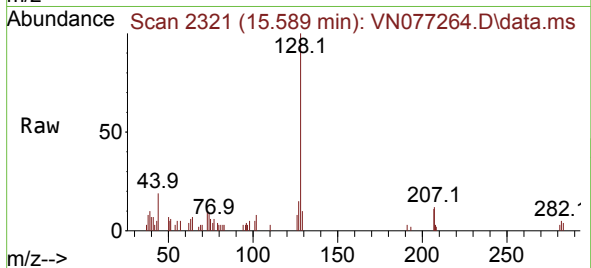
Tgt Ion:128 Resp: 11569

Ion Ratio Lower Upper

128 100

127 19.4 10.2 15.4#

129 13.6 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.909 ug/l

RT: 15.765 min Scan# 2351

Delta R.T. 0.011 min

Lab File: VN077264.D

Acq: 05 Apr 2023 16:28

Tgt Ion:180 Resp: 3396

Ion Ratio Lower Upper

180 100

182 87.1 46.9 140.8

145 32.2 17.6 52.8

