

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077256.D
 Acq On : 05 Apr 2023 11:39
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Apr 06 09:23:31 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	526030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1002197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	875612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	345716	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	70028	9.740	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	19.480%#
35) Dibromofluoromethane	8.172	113	62600	9.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	19.520%#
50) Toluene-d8	10.572	98	250755	9.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	19.420%#
62) 4-Bromofluorobenzene	12.854	95	77896	9.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	18.140%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	71158	10.598	ug/l	93
3) Chloromethane	2.372	50	84629	10.171	ug/l	93
4) Vinyl Chloride	2.525	62	114724	10.170	ug/l	92
5) Bromomethane	2.960	94	79611	9.735	ug/l	94
6) Chloroethane	3.131	64	75786	9.414	ug/l	97
7) Trichlorofluoromethane	3.507	101	103002	10.530	ug/l	94
8) Diethyl Ether	3.972	74	41252	10.064	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	60723	10.144	ug/l	97
10) Methyl Iodide	4.601	142	72499	9.958	ug/l	92
11) Tert butyl alcohol	5.531	59	70293	47.916	ug/l #	86
12) 1,1-Dichloroethene	4.354	96	62139	10.084	ug/l	91
13) Acrolein	4.190	56	67015	48.233	ug/l	95
14) Allyl chloride	5.031	41	86170	9.259	ug/l	96
15) Acrylonitrile	5.731	53	156261	48.181	ug/l	97
16) Acetone	4.437	43	136409	51.460	ug/l	94
17) Carbon Disulfide	4.719	76	166922	10.045	ug/l	98
18) Methyl Acetate	5.031	43	102106	10.114	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	221096	10.112	ug/l #	89
20) Methylene Chloride	5.290	84	71850	9.598	ug/l #	84
21) trans-1,2-Dichloroethene	5.796	96	67851	10.057	ug/l	93
22) Diisopropyl ether	6.678	45	188287	10.091	ug/l	98
23) Vinyl Acetate	6.613	43	630983	50.015	ug/l	98
24) 1,1-Dichloroethane	6.584	63	120389	9.992	ug/l	98
25) 2-Butanone	7.495	43	210510	48.932	ug/l	100
26) 2,2-Dichloropropane	7.501	77	113084	10.235	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	81497	9.891	ug/l	99
28) Bromochloromethane	7.825	49	47591	9.819	ug/l	96
29) Tetrahydrofuran	7.848	42	135087	48.847	ug/l	98
30) Chloroform	7.972	83	129362	10.068	ug/l	95
31) Cyclohexane	8.266	56	113040	10.119	ug/l	97
32) 1,1,1-Trichloroethane	8.172	97	114055	9.760	ug/l	95
36) 1,1-Dichloropropene	8.378	75	94576	9.967	ug/l	98
37) Ethyl Acetate	7.566	43	84632	9.969	ug/l	94
38) Carbon Tetrachloride	8.372	117	99909	10.277	ug/l #	91
39) Methylcyclohexane	9.607	83	129237	10.101	ug/l	95
40) Benzene	8.613	78	296326	10.012	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	43594	9.553	ug/l	96
42) 1,2-Dichloroethane	8.678	62	91929	10.092	ug/l	96
43) Isopropyl Acetate	8.695	43	157610	10.061	ug/l	100
44) Trichloroethene	9.360	130	70502	9.955	ug/l	96
45) 1,2-Dichloropropane	9.625	63	73080	10.397	ug/l	95
46) Dibromomethane	9.713	93	51712	9.764	ug/l	98
47) Bromodichloromethane	9.889	83	106394	10.051	ug/l	98
48) Methyl methacrylate	9.689	41	66808	9.997	ug/l	98
49) 1,4-Dioxane	9.701	88	32574	201.046	ug/l #	88
51) 4-Methyl-2-Pentanone	10.448	43	450021	49.698	ug/l	99
52) Toluene	10.636	92	190083	9.812	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	113030	9.833	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	122456	10.001	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	77610	10.206	ug/l	90
56) Ethyl methacrylate	10.878	69	116207	9.811	ug/l	97
57) 1,3-Dichloropropane	11.166	76	123732	9.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	169817	48.162	ug/l	99
59) 2-Hexanone	11.195	43	332146	49.235	ug/l	100
60) Dibromochloromethane	11.360	129	76168	9.725	ug/l	93
61) 1,2-Dibromoethane	11.472	107	73659	9.704	ug/l	99
64) Tetrachloroethene	11.107	164	55844	10.324	ug/l	90
65) Chlorobenzene	11.895	112	196572	10.197	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	73361	10.058	ug/l	99
67) Ethyl Benzene	11.966	91	361287	10.156	ug/l	99
68) m/p-Xylenes	12.072	106	274447	19.635	ug/l	98
69) o-Xylene	12.401	106	138740	10.062	ug/l	98
70) Styrene	12.413	104	220258	9.926	ug/l	98
71) Bromoform	12.583	173	51713	10.072	ug/l #	97
73) Isopropylbenzene	12.701	105	347938	10.362	ug/l	98
74) N-amyl acetate	12.495	43	129841	10.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	109136	10.356	ug/l	99
76) 1,2,3-Trichloropropane	13.001	75	130912	15.902	ug/l	61
77) Bromobenzene	12.983	156	71093	10.412	ug/l	96
78) n-propylbenzene	13.036	91	374578	10.096	ug/l	99
79) 2-Chlorotoluene	13.130	91	230534	10.319	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	277833	10.359	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	42530	11.626	ug/l #	82
82) 4-Chlorotoluene	13.224	91	206982	9.827	ug/l	95
83) tert-Butylbenzene	13.442	119	252823	10.591	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	273366	10.317	ug/l	99
85) sec-Butylbenzene	13.619	105	342151	10.284	ug/l	99
86) p-Isopropyltoluene	13.730	119	266534	10.194	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	129365	10.241	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	123999	9.954	ug/l	97
89) n-Butylbenzene	14.060	91	204546	9.423	ug/l	99
90) Hexachloroethane	14.336	117	57735	10.099	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	125464	9.929	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	19679	9.854	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	39442	8.646	ug/l	93
94) Hexachlorobutadiene	15.465	225	26096	9.883	ug/l	95
95) Naphthalene	15.589	128	149897	8.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.754	180	38960	8.929	ug/l	98

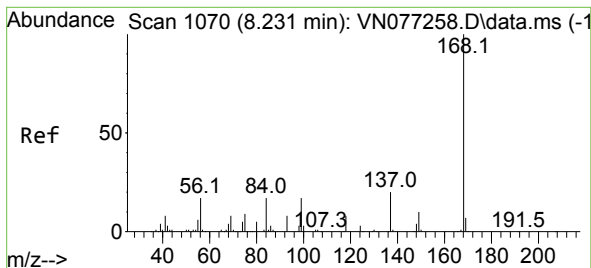
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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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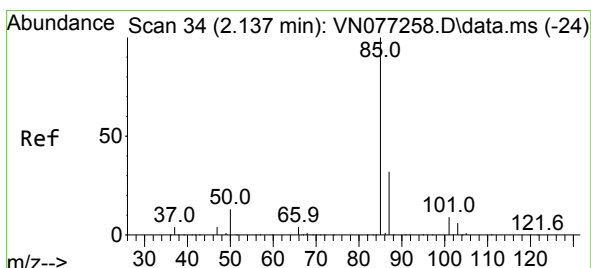
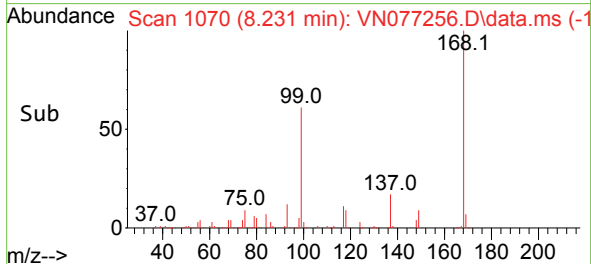
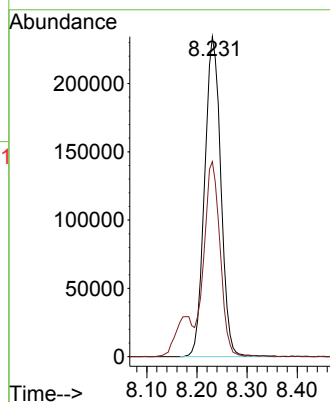
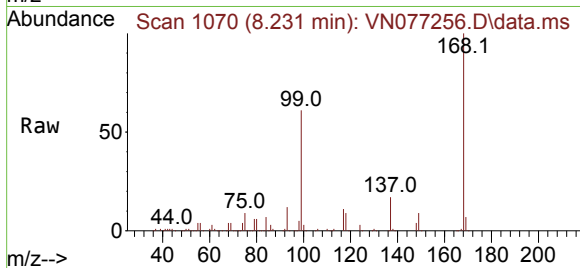
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
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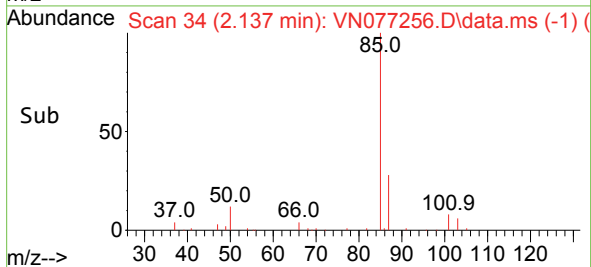
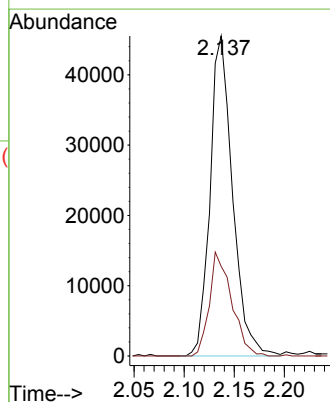
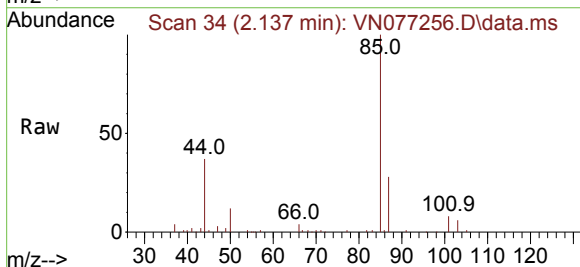
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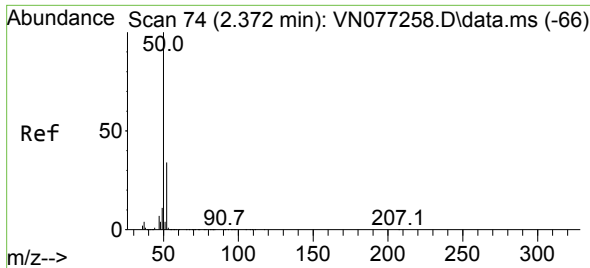
Tgt Ion:168 Resp: 526030
Ion Ratio Lower Upper
168 100
99 60.8 50.6 75.8



#2
Dichlorodifluoromethane
Concen: 10.598 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 85 Resp: 71158
Ion Ratio Lower Upper
85 100
87 28.0 16.1 48.2

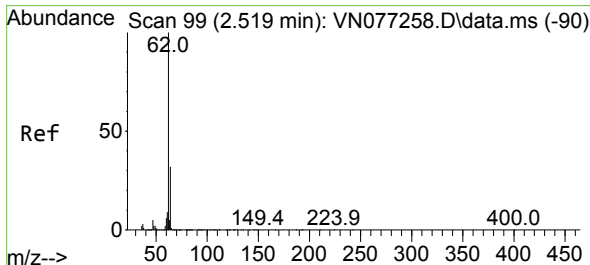
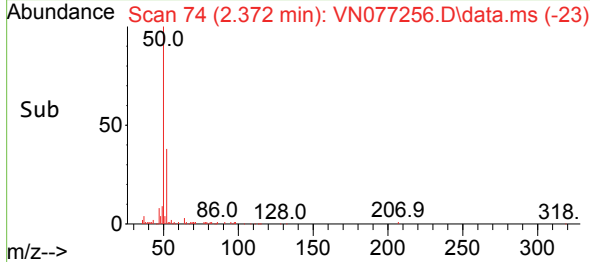
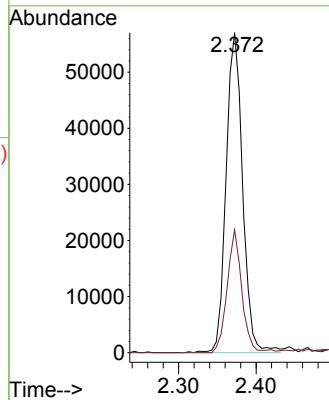
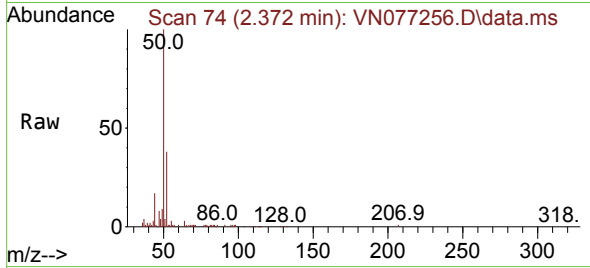




#3
Chloromethane
Concen: 10.171 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

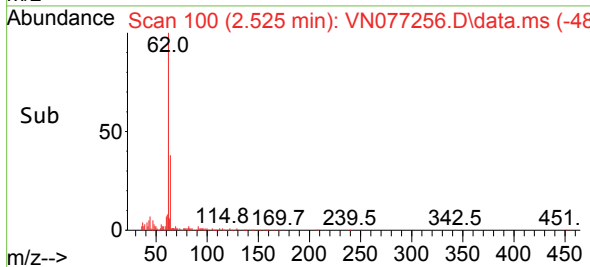
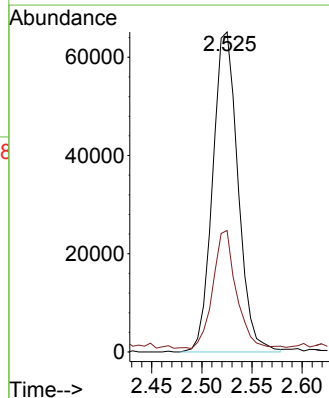
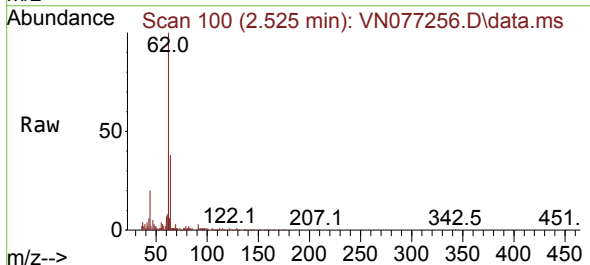
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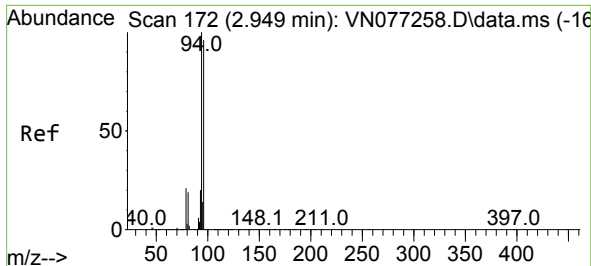
Tgt Ion: 50 Resp: 84629
Ion Ratio Lower Upper
50 100
52 38.4 27.3 40.9



#4
Vinyl Chloride
Concen: 10.170 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 62 Resp: 114724
Ion Ratio Lower Upper
62 100
64 36.6 25.8 38.8

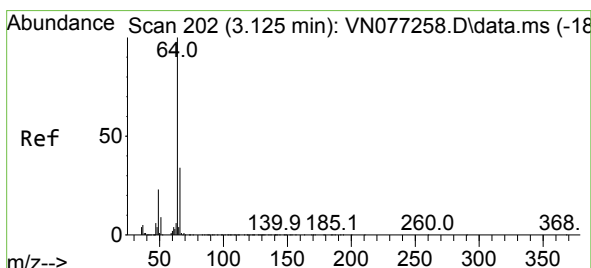
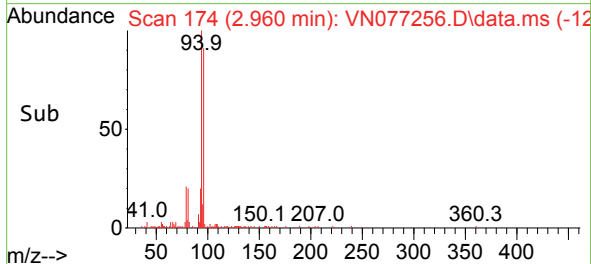
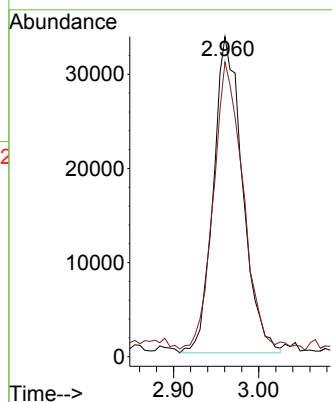
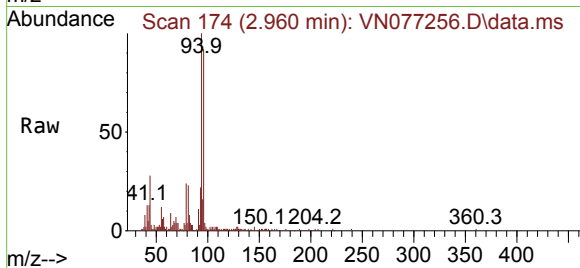




#5
Bromomethane
Concen: 9.735 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

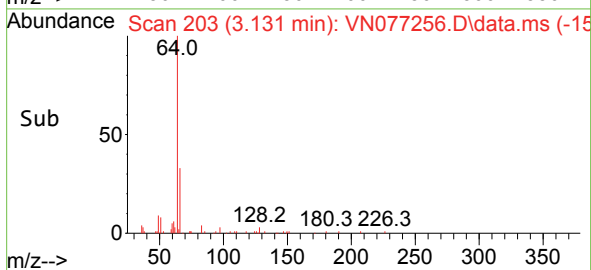
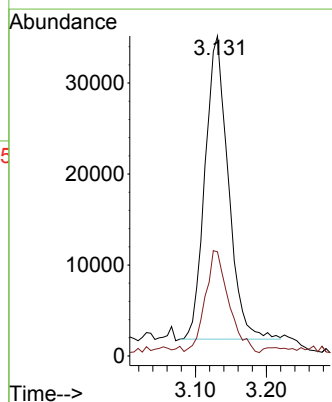
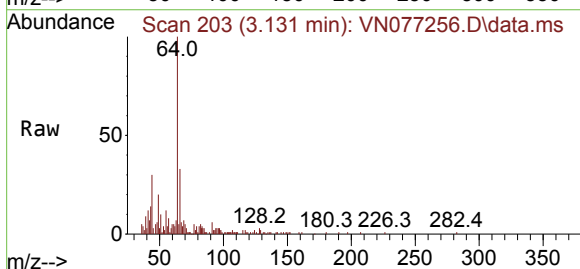
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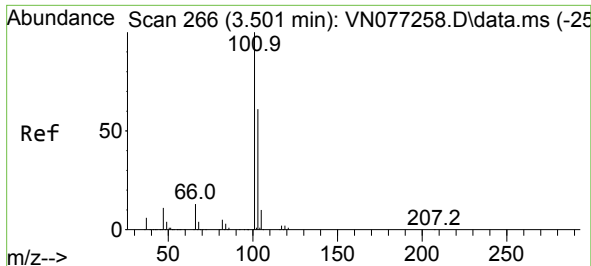
Tgt Ion: 94 Resp: 79611
Ion Ratio Lower Upper
94 100
96 90.7 77.0 115.4



#6
Chloroethane
Concen: 9.414 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 64 Resp: 75786
Ion Ratio Lower Upper
64 100
66 32.0 26.9 40.3

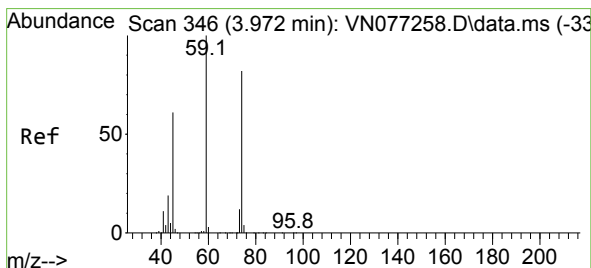
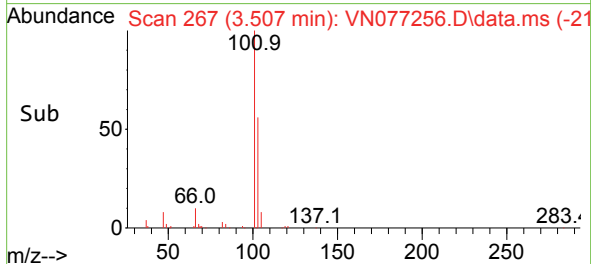
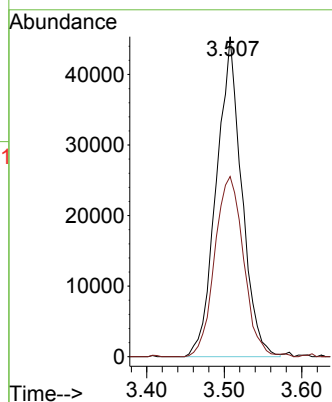
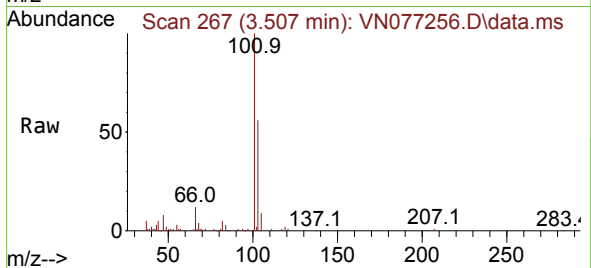




#7
 Trichlorofluoromethane
 Concen: 10.530 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

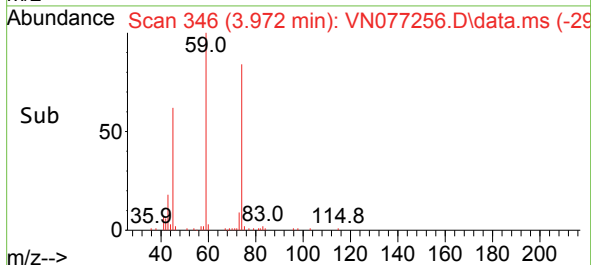
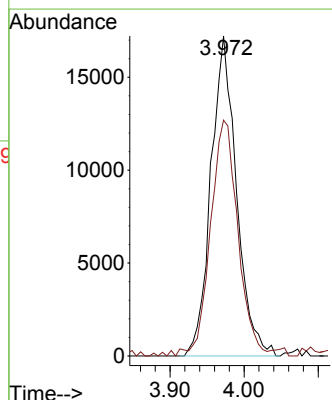
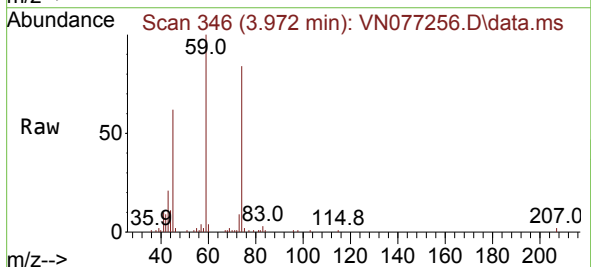
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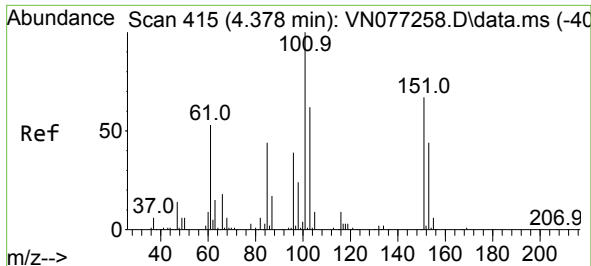
Tgt Ion:101 Resp: 103002
 Ion Ratio Lower Upper
 101 100
 103 56.3 49.0 73.4



#8
 Diethyl Ether
 Concen: 10.064 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

Tgt Ion: 74 Resp: 41252
 Ion Ratio Lower Upper
 74 100
 45 78.9 37.8 113.4

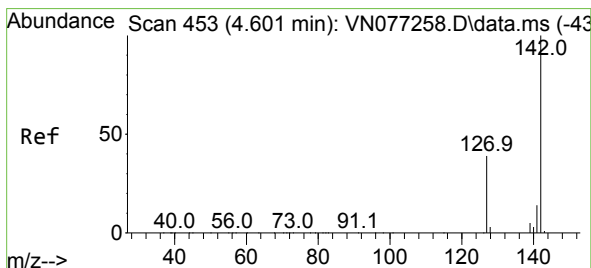
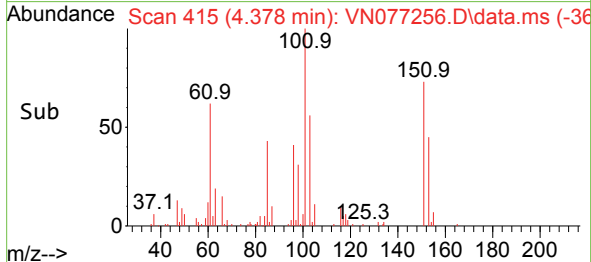
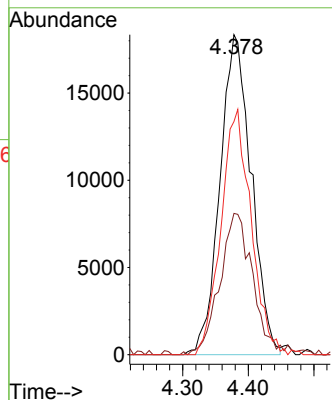
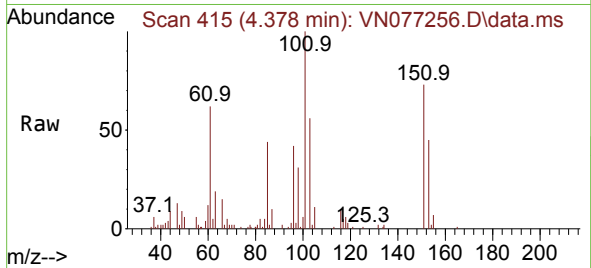




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.144 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077256.D
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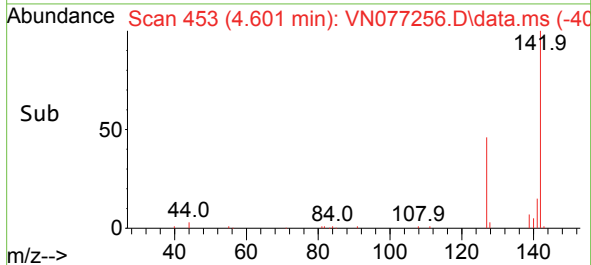
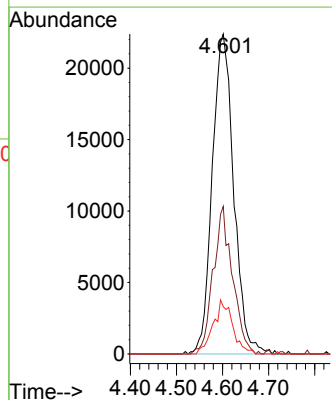
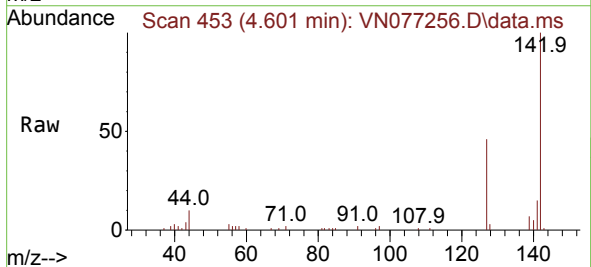
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

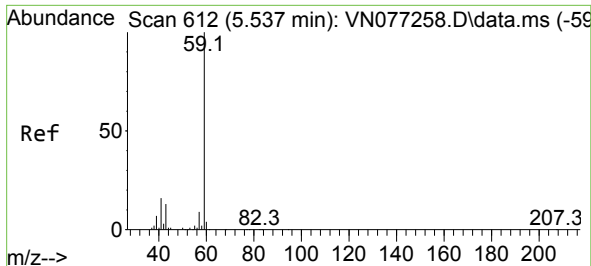
Tgt Ion:101 Resp: 60723
Ion Ratio Lower Upper
101 100
85 46.8 37.3 55.9
151 73.8 56.3 84.5



#10
Methyl Iodide
Concen: 9.958 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:142 Resp: 72499
Ion Ratio Lower Upper
142 100
127 46.1 31.5 47.3
141 14.8 11.4 17.2

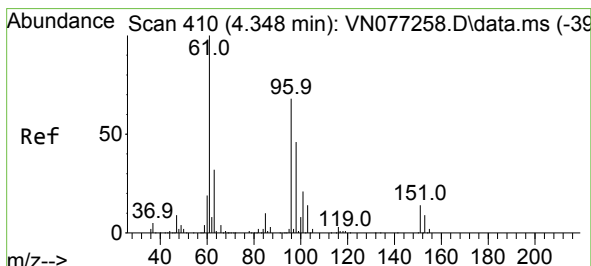
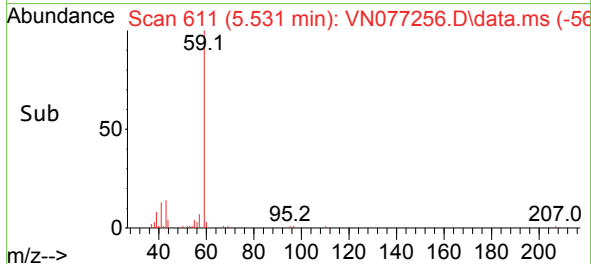
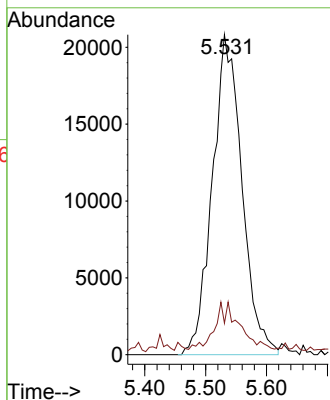
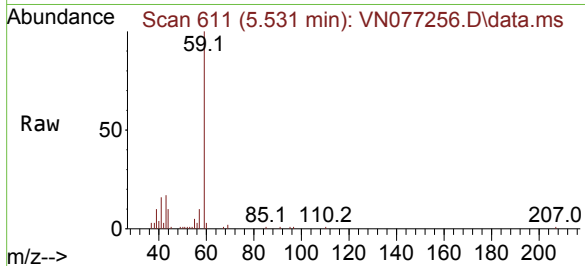




#11
Tert butyl alcohol
Concen: 47.916 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

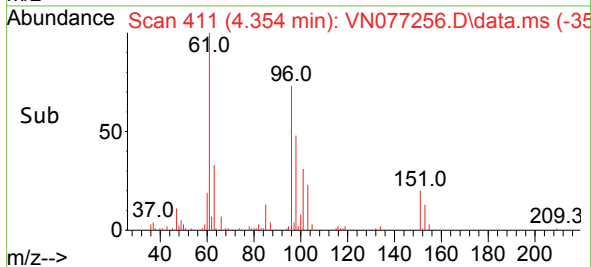
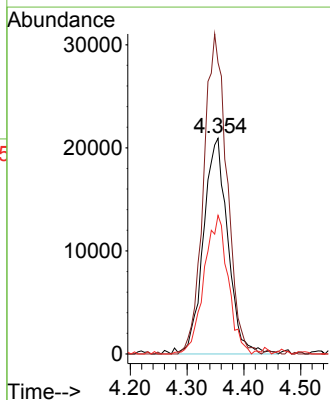
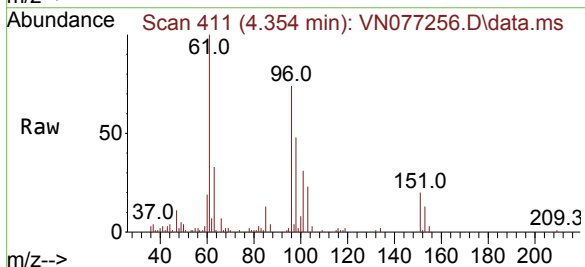
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

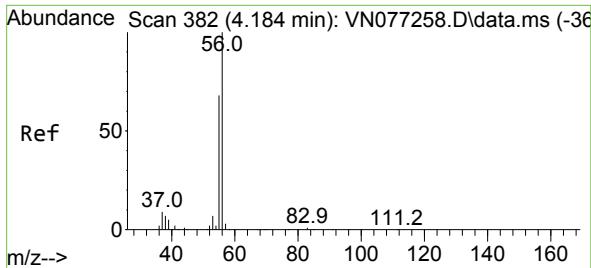
Tgt Ion: 59 Resp: 70293
Ion Ratio Lower Upper
59 100
57 5.1 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 10.084 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 96 Resp: 62139
Ion Ratio Lower Upper
96 100
61 135.1 118.3 177.5
98 63.4 54.5 81.7

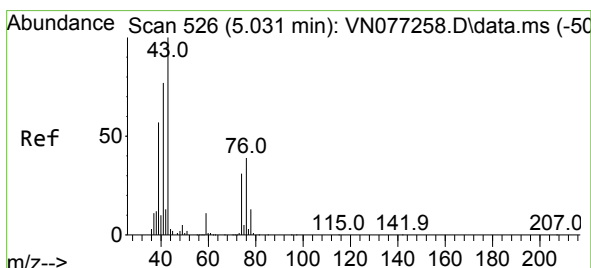
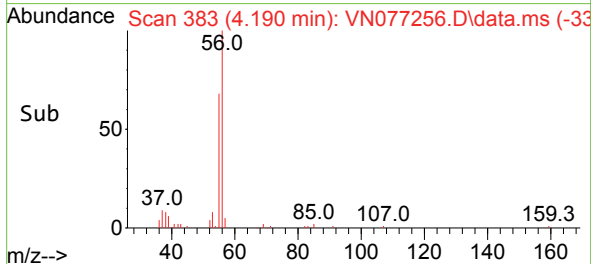
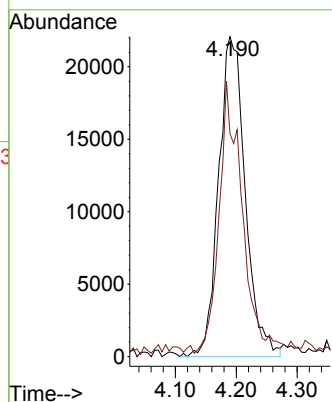
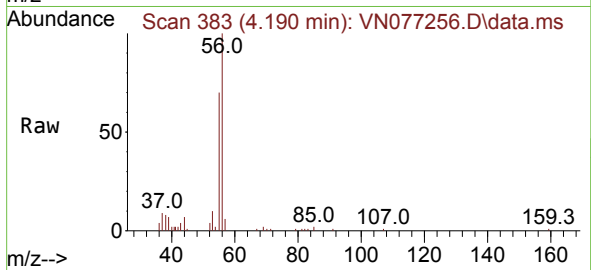




#13
Acrolein
Concen: 48.233 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

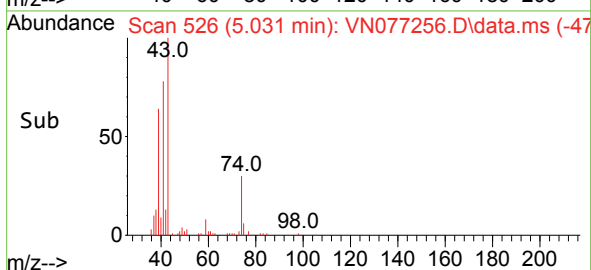
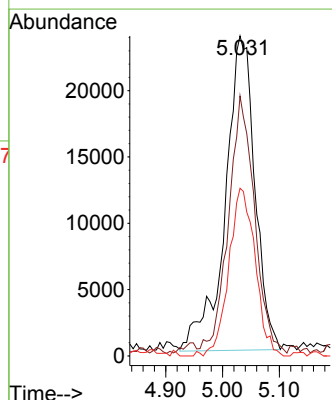
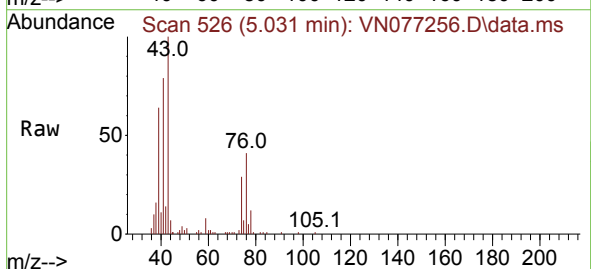
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

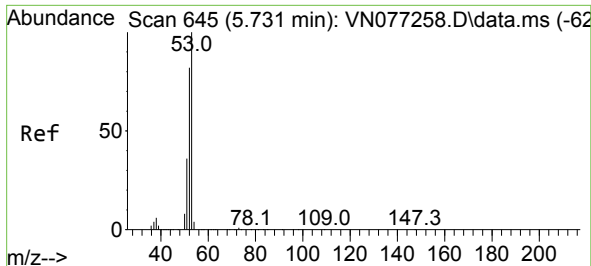
Tgt Ion: 56 Resp: 67015
Ion Ratio Lower Upper
56 100
55 71.5 54.2 81.2



#14
Allyl chloride
Concen: 9.259 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 41 Resp: 86170
Ion Ratio Lower Upper
41 100
39 72.0 55.0 82.4
76 47.1 35.4 53.2

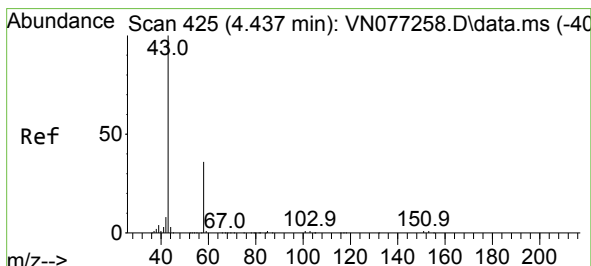
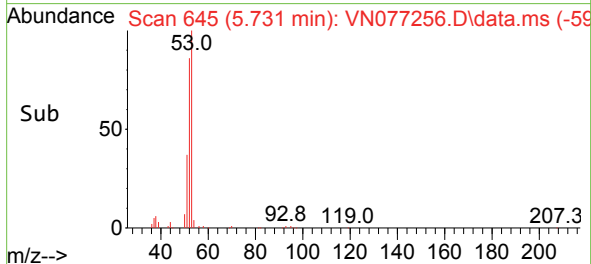
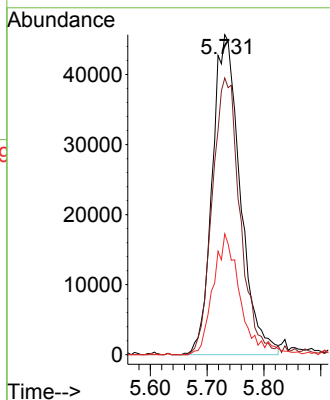
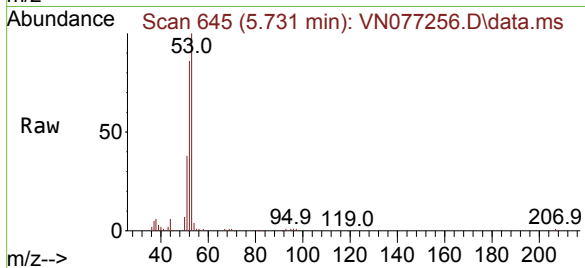




#15
Acrylonitrile
Concen: 48.181 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

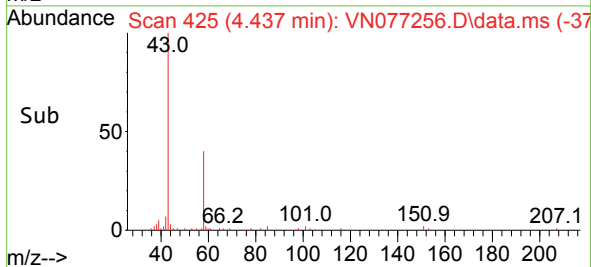
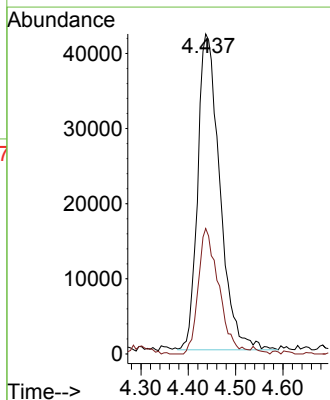
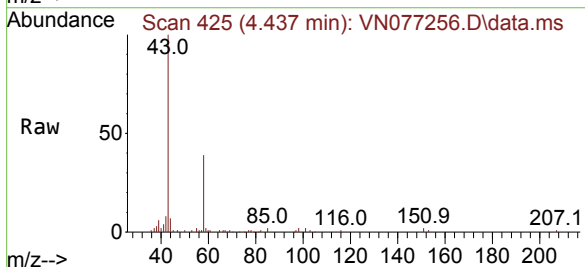
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

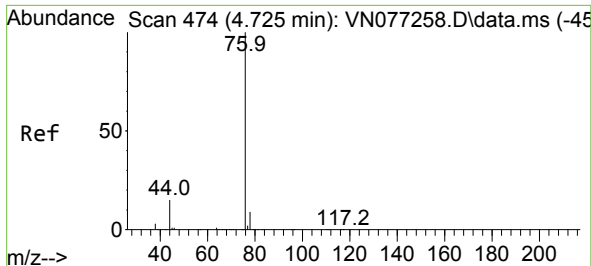
Tgt Ion: 53 Resp: 156261
Ion Ratio Lower Upper
53 100
52 85.5 65.2 97.8
51 34.9 28.1 42.1



#16
Acetone
Concen: 51.460 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 43 Resp: 136409
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6

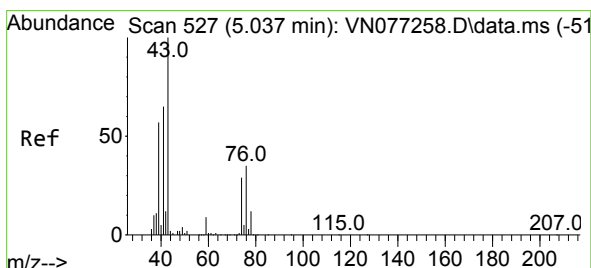
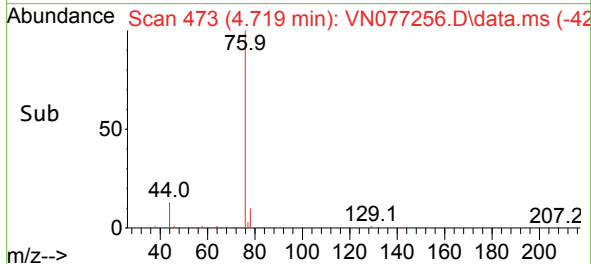
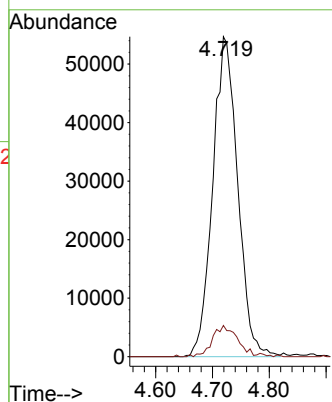
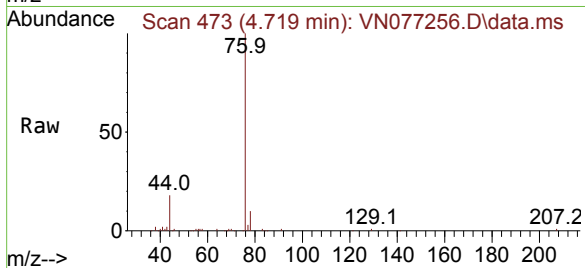




#17
Carbon Disulfide
Concen: 10.045 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

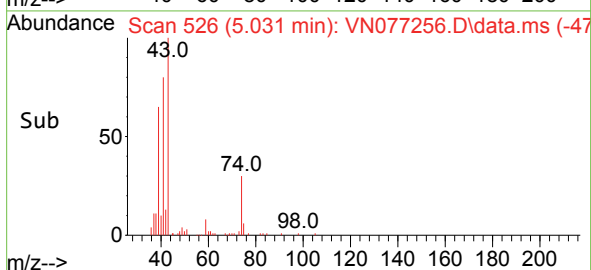
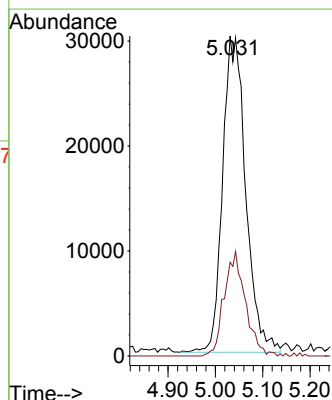
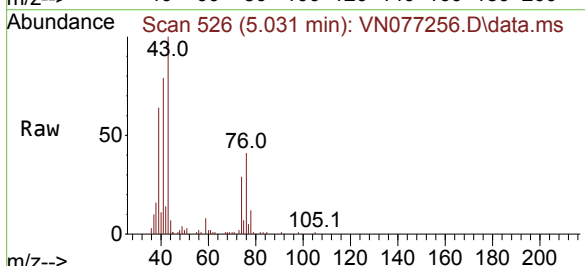
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

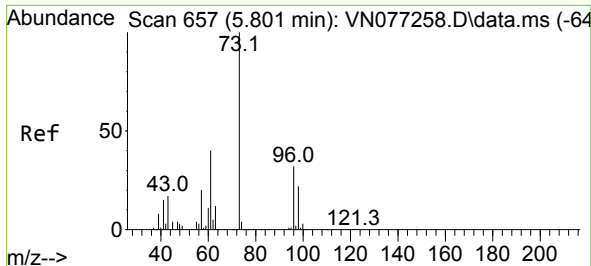
Tgt Ion: 76 Resp: 166922
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9



#18
Methyl Acetate
Concen: 10.114 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 43 Resp: 102106
Ion Ratio Lower Upper
43 100
74 30.3 23.4 35.2

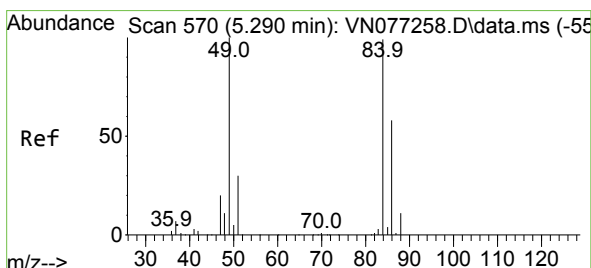
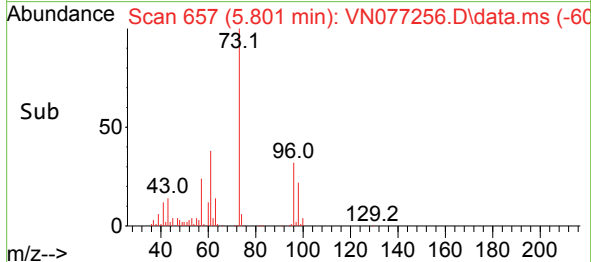
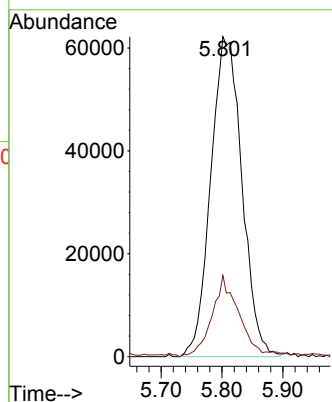
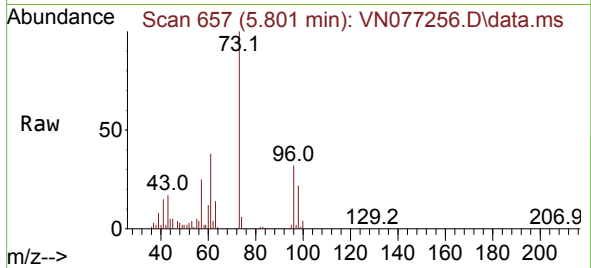




#19
Methyl tert-butyl Ether
Concen: 10.112 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

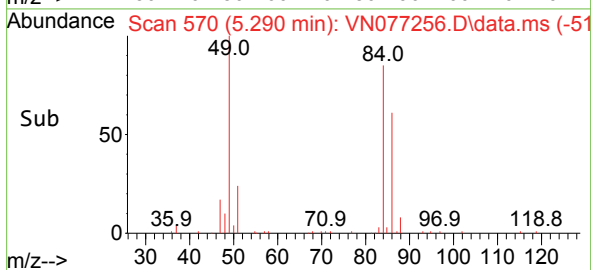
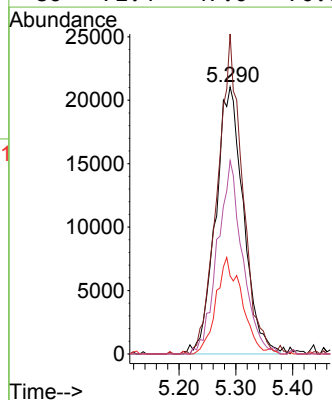
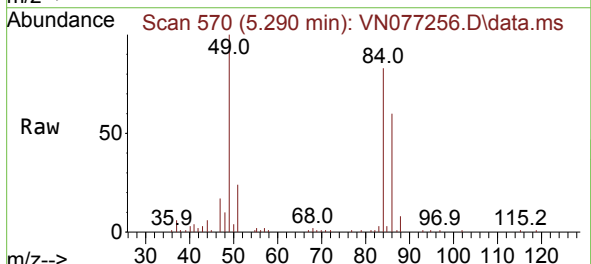
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

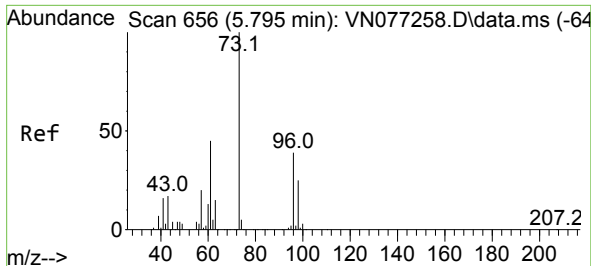
Tgt Ion: 73 Resp: 221096
Ion Ratio Lower Upper
73 100
57 25.4 16.2 24.4#



#20
Methylene Chloride
Concen: 9.598 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 84 Resp: 71850
Ion Ratio Lower Upper
84 100
49 119.8 80.6 121.0
51 29.3 24.4 36.6
86 72.4 47.0 70.6#

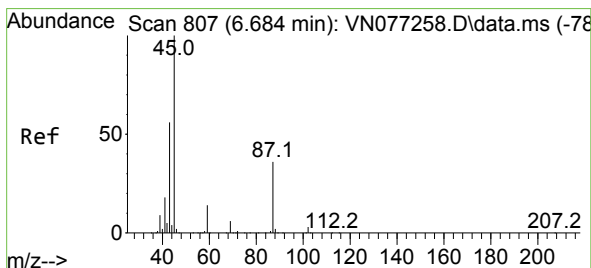
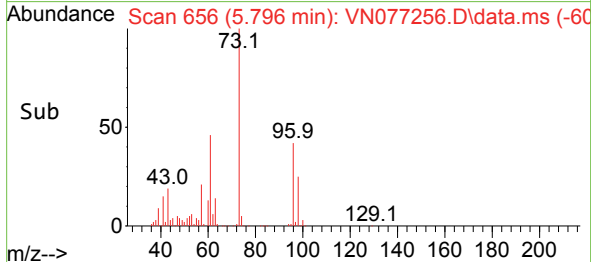
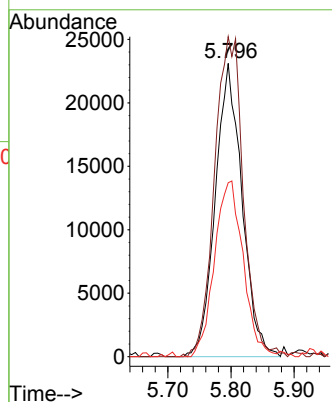
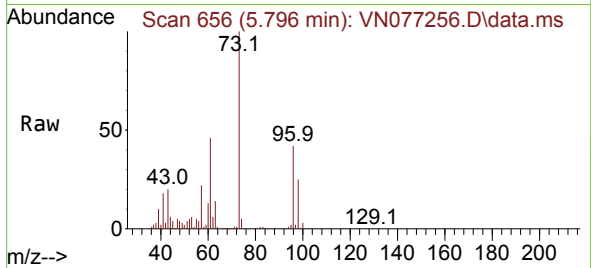




#21
trans-1,2-Dichloroethene
Concen: 10.057 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

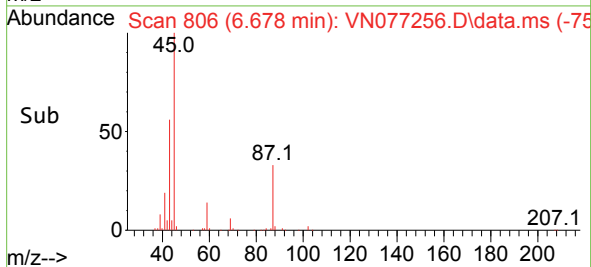
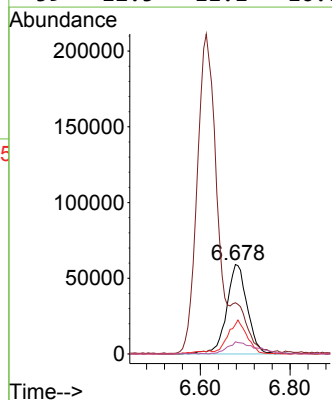
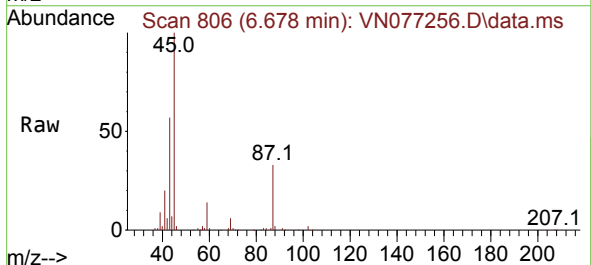
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

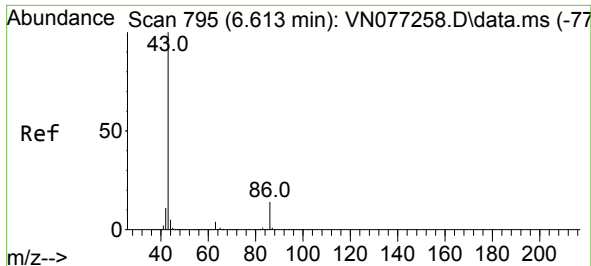
Tgt Ion: 96 Resp: 67851
Ion Ratio Lower Upper
96 100
61 109.1 93.8 140.6
98 59.3 50.9 76.3



#22
Diisopropyl ether
Concen: 10.091 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 45 Resp: 188287
Ion Ratio Lower Upper
45 100
43 55.4 44.6 66.8
87 32.7 28.4 42.6
59 12.5 11.1 16.7

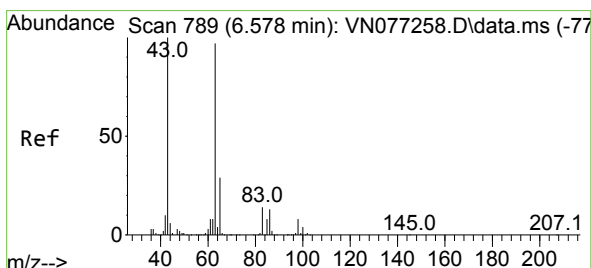
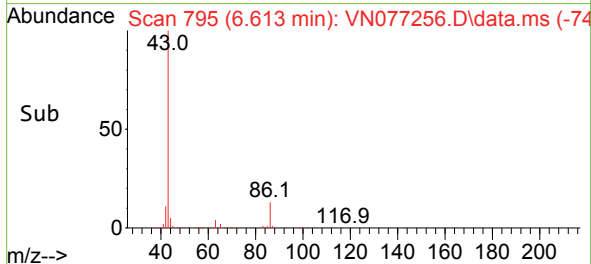
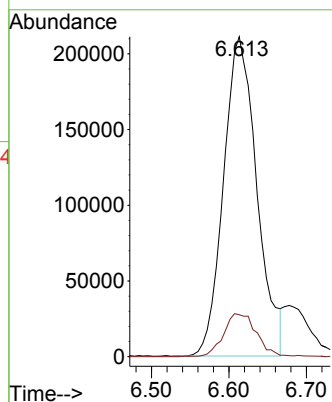
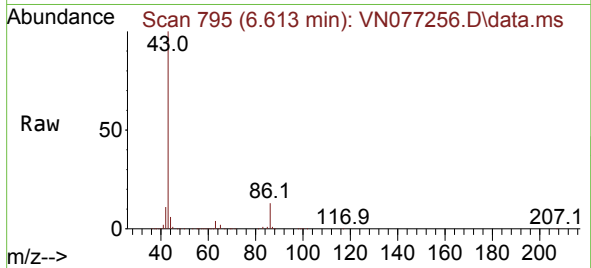




#23
 Vinyl Acetate
 Concen: 50.015 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

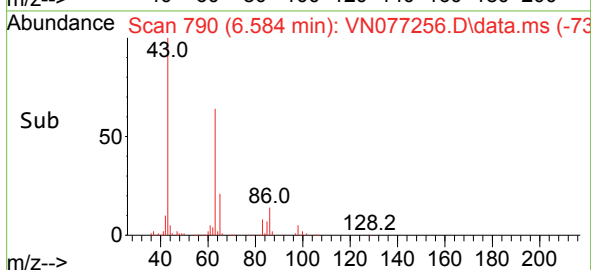
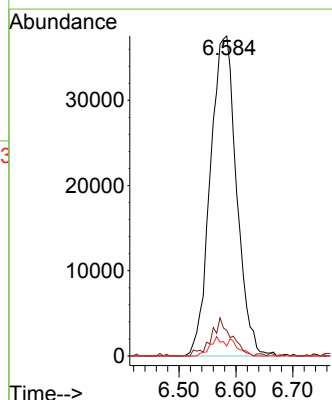
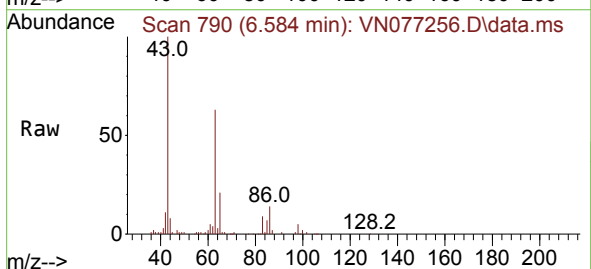
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

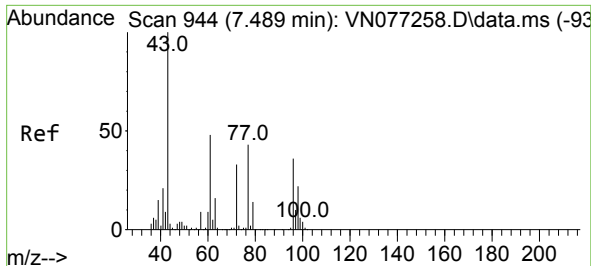
Tgt Ion: 43 Resp: 630983
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 9.992 ug/l
 RT: 6.584 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

Tgt Ion: 63 Resp: 120389
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 3.1 2.3 6.9

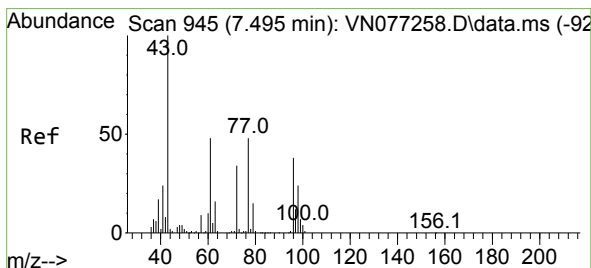
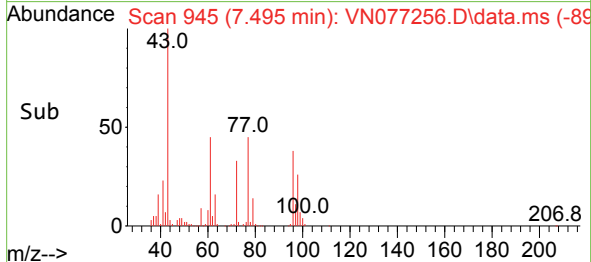
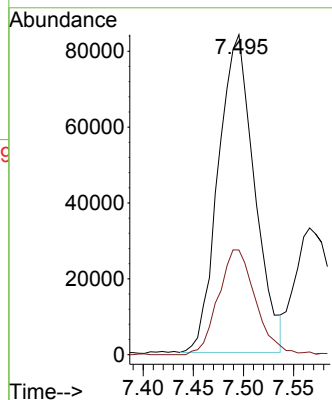
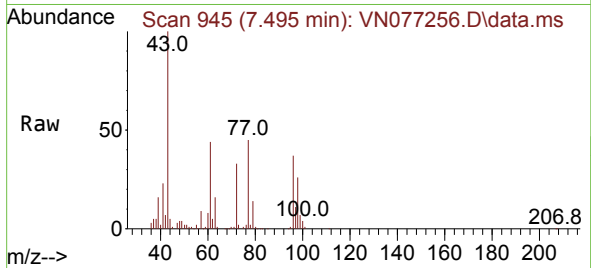




#25
2-Butanone
Concen: 48.932 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

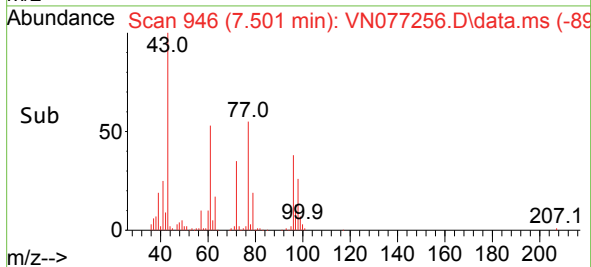
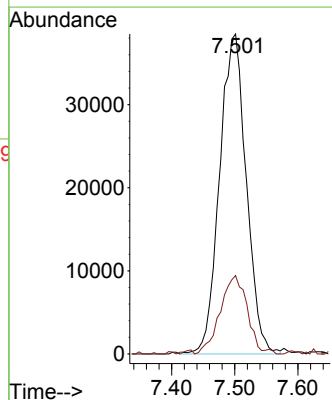
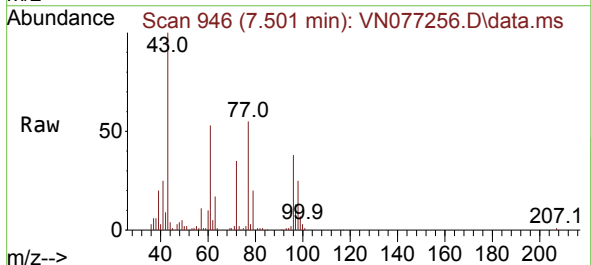
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

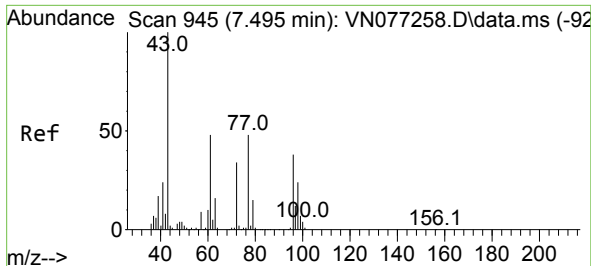
Tgt Ion: 43 Resp: 210510
Ion Ratio Lower Upper
43 100
72 33.0 26.6 39.8



#26
2,2-Dichloropropane
Concen: 10.235 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 77 Resp: 113084
Ion Ratio Lower Upper
77 100
97 24.8 12.0 36.1

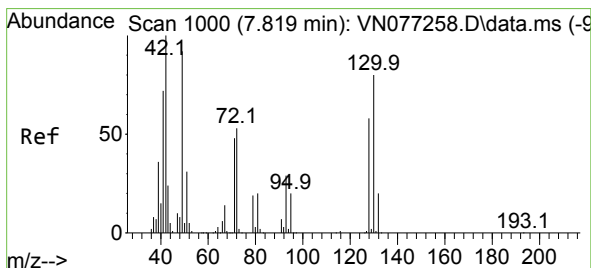
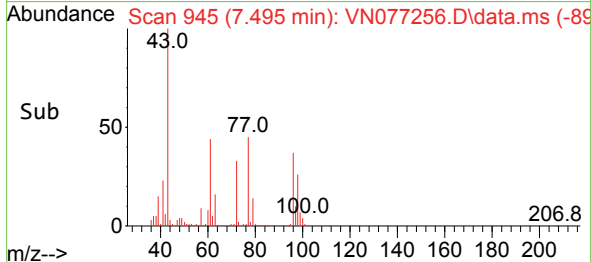
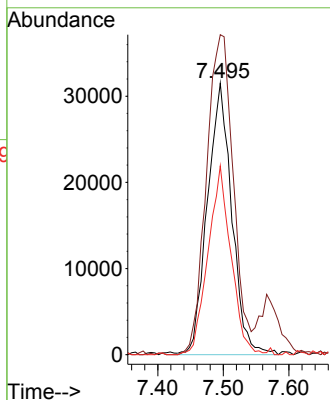
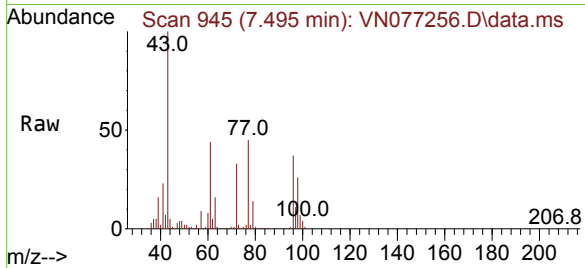




#27
 cis-1,2-Dichloroethene
 Concen: 9.891 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

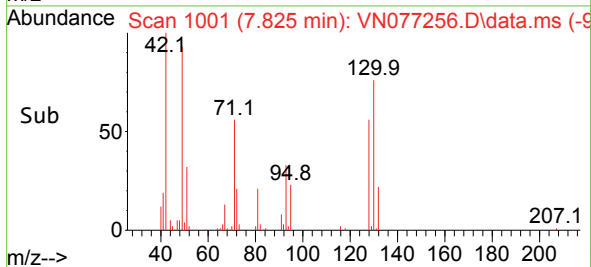
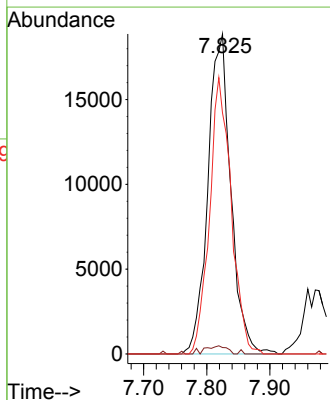
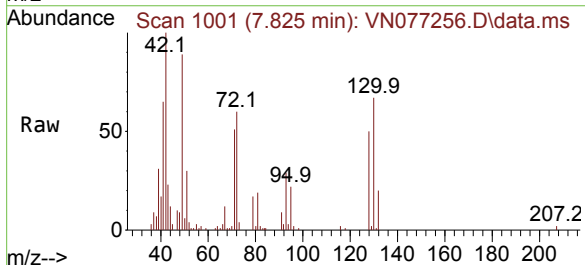
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

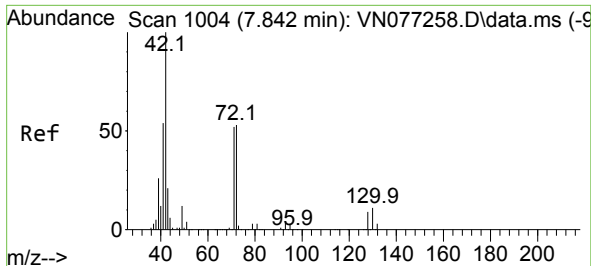
Tgt Ion: 96 Resp: 81497
 Ion Ratio Lower Upper
 96 100
 61 129.5 0.0 261.0
 98 65.2 0.0 128.0



#28
 Bromochloromethane
 Concen: 9.819 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077256.D
 Acq: 05 Apr 2023 11:39

Tgt Ion: 49 Resp: 47591
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.4
 130 81.4 68.4 102.6





#29

Tetrahydrofuran

Concen: 48.847 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

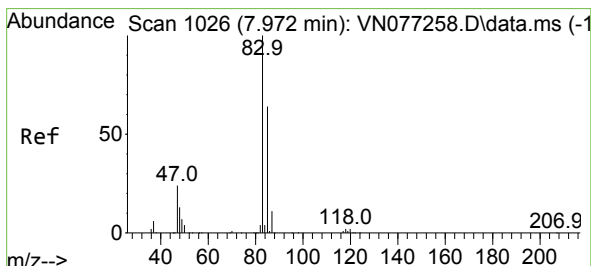
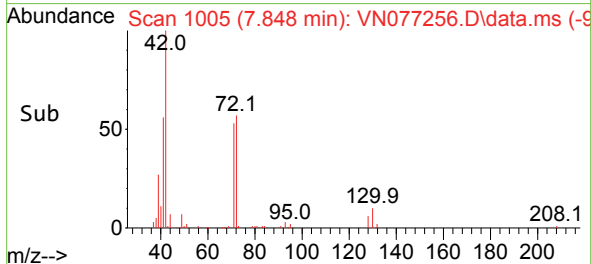
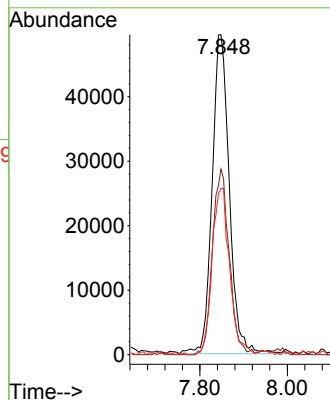
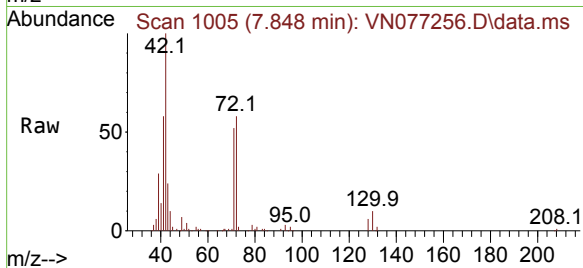
Tgt Ion: 42 Resp: 135087

Ion Ratio Lower Upper

42 100

72 56.7 44.6 66.8

71 53.2 41.3 61.9



#30

Chloroform

Concen: 10.068 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077256.D

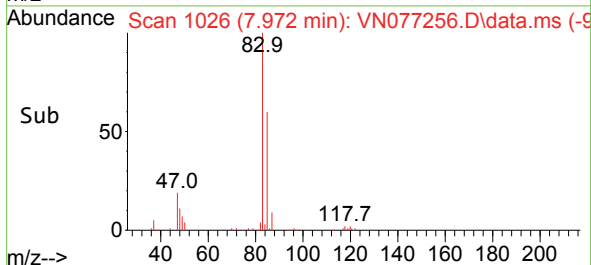
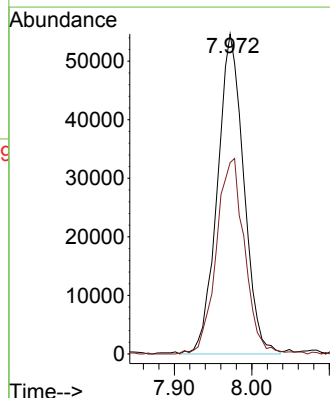
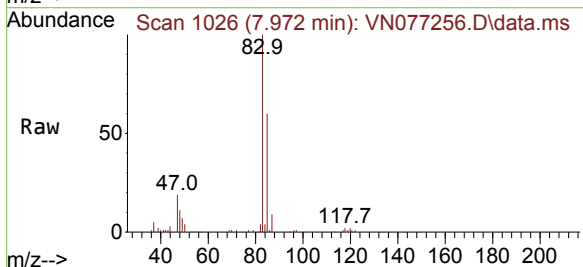
Acq: 05 Apr 2023 11:39

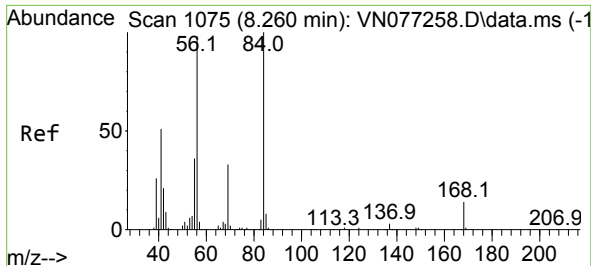
Tgt Ion: 83 Resp: 129362

Ion Ratio Lower Upper

83 100

85 59.5 50.9 76.3

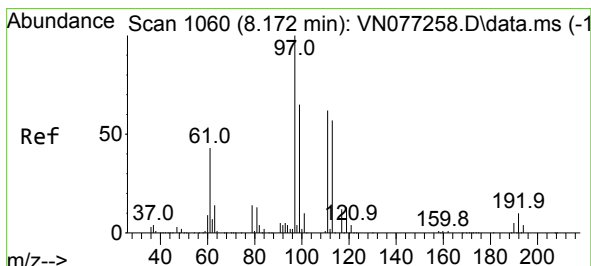
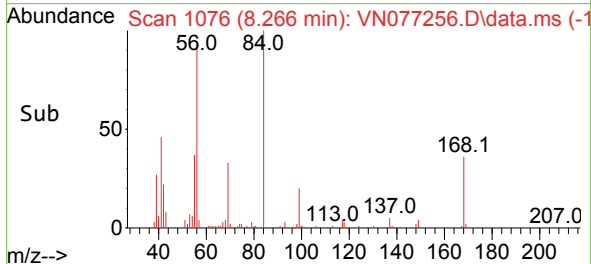
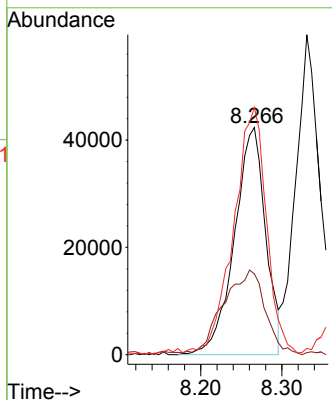
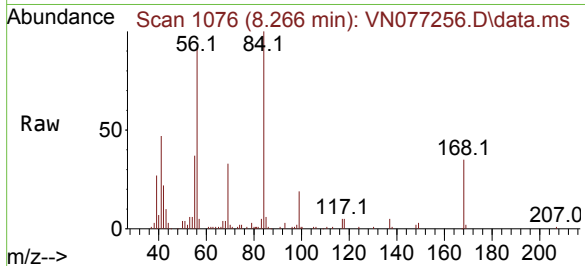




#31
Cyclohexane
Concen: 10.119 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

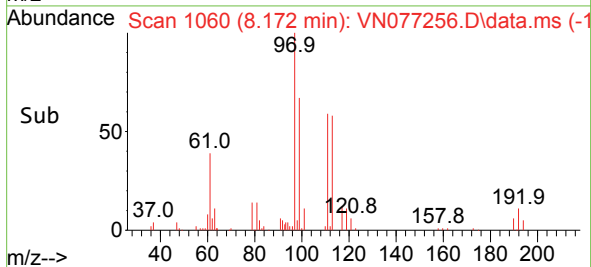
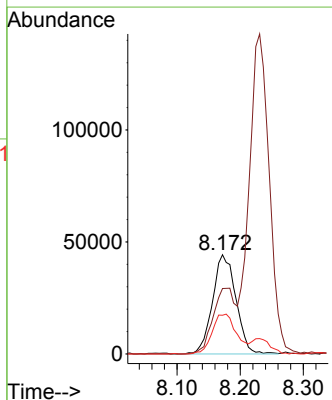
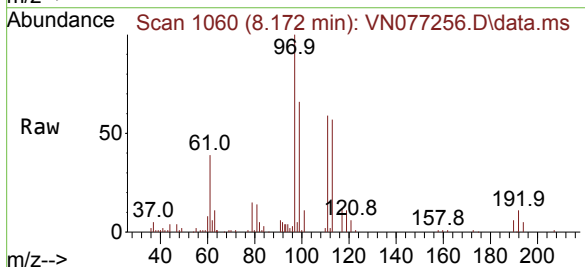
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

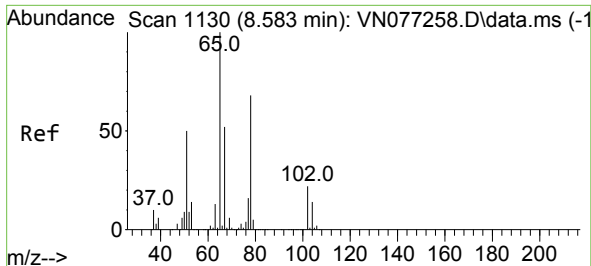
Tgt Ion: 56 Resp: 113040
Ion Ratio Lower Upper
56 100
69 34.6 26.6 40.0
84 106.1 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 9.760 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 97 Resp: 114055
Ion Ratio Lower Upper
97 100
99 64.0 54.2 81.4
61 41.9 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 9.740 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

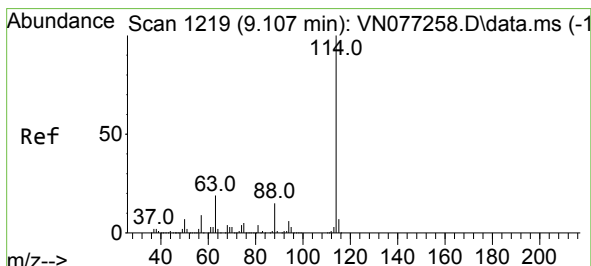
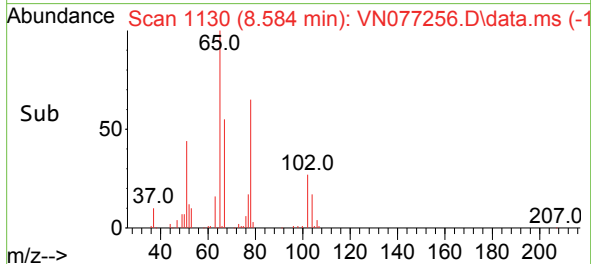
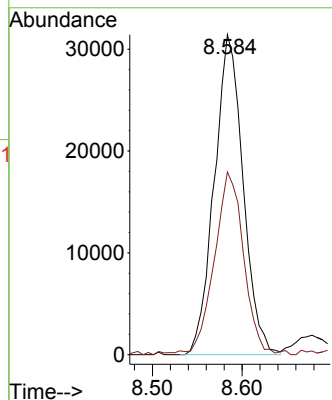
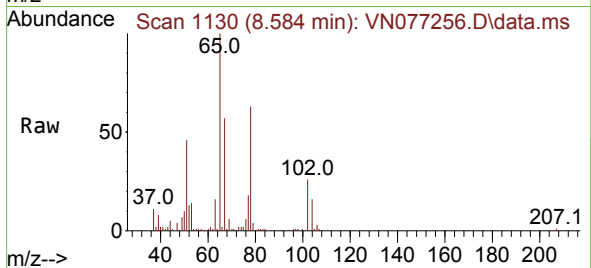
VSTDIC010

Tgt Ion: 65 Resp: 70028

Ion Ratio Lower Upper

65 100

67 58.6 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: VN077256.D

Acq: 05 Apr 2023 11:39

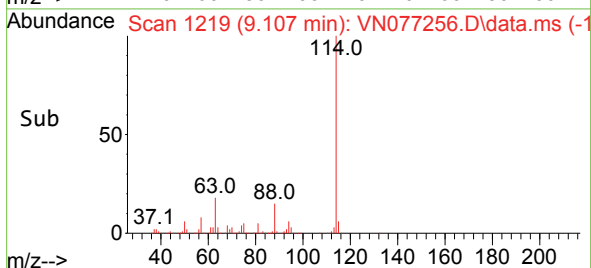
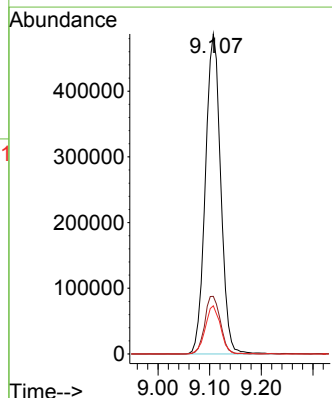
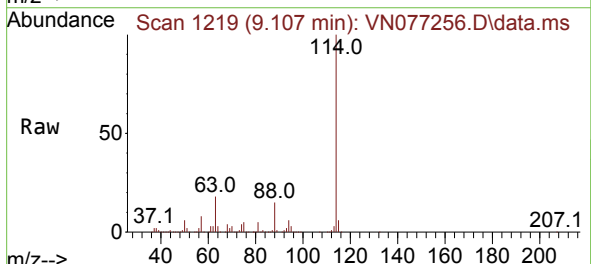
Tgt Ion: 114 Resp: 1002197

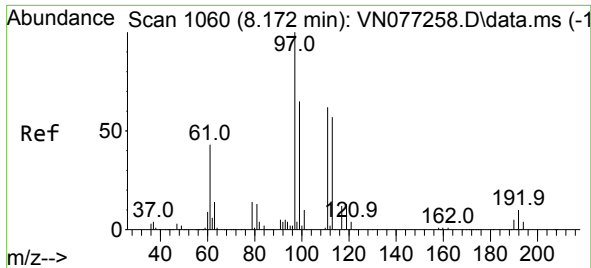
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.8

88 15.0 0.0 29.4

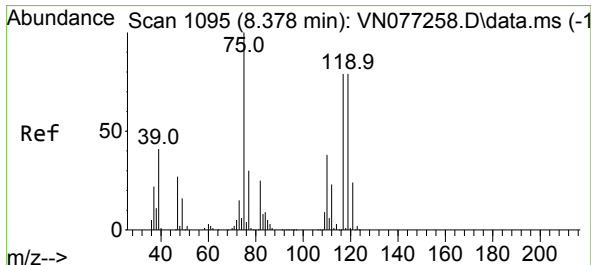
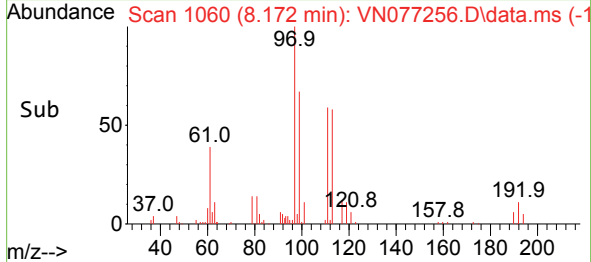
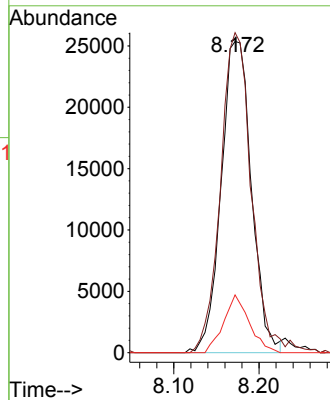
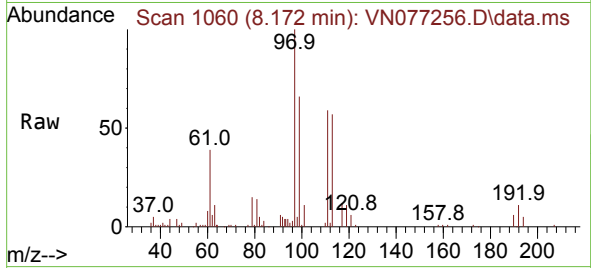




#35
Dibromofluoromethane
Concen: 9.757 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

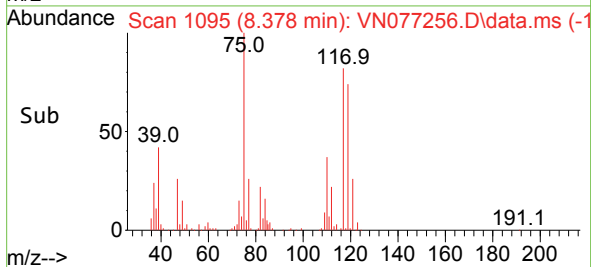
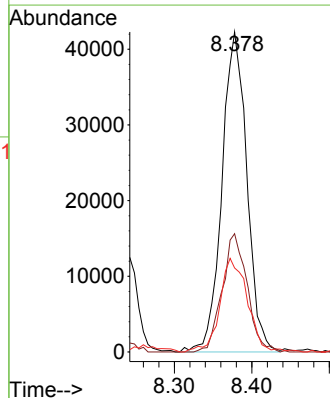
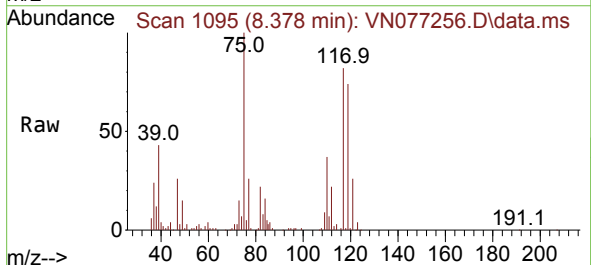
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

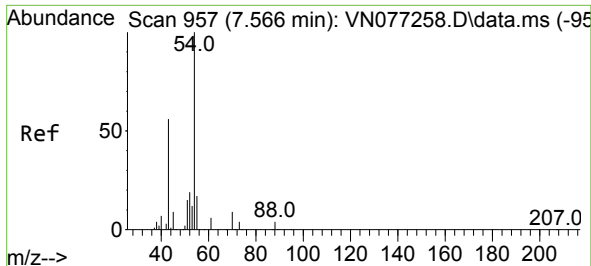
Tgt Ion:113 Resp: 62600
Ion Ratio Lower Upper
113 100
111 105.3 83.4 125.0
192 15.7 13.5 20.3



#36
1,1-Dichloropropene
Concen: 9.967 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 75 Resp: 94576
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 32.5 25.0 37.4

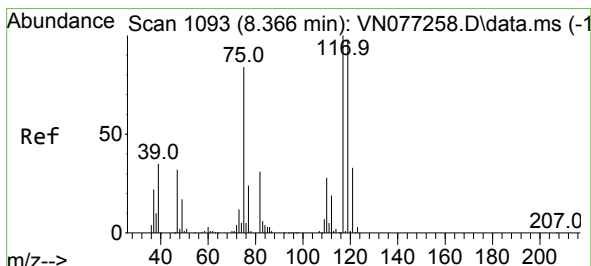
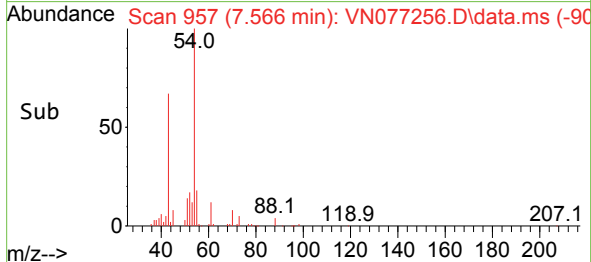
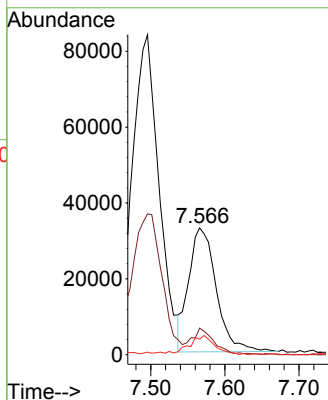
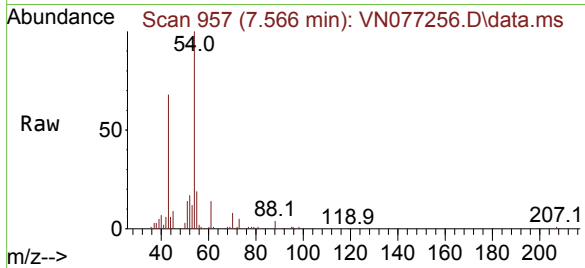




#37
Ethyl Acetate
Concen: 9.969 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

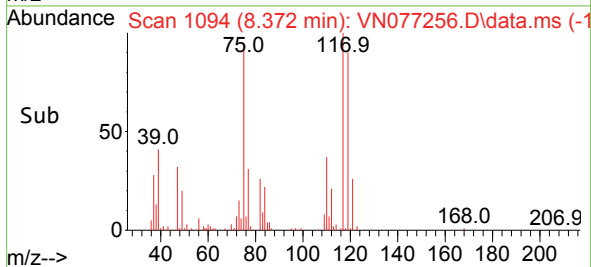
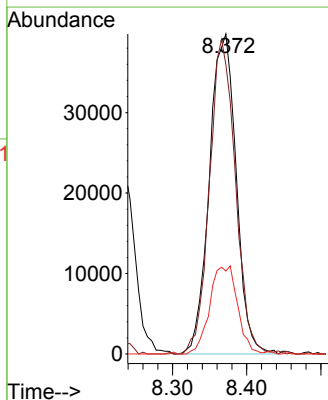
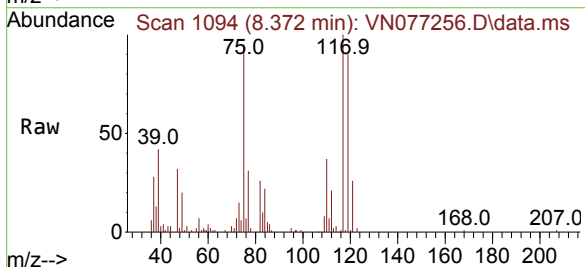
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

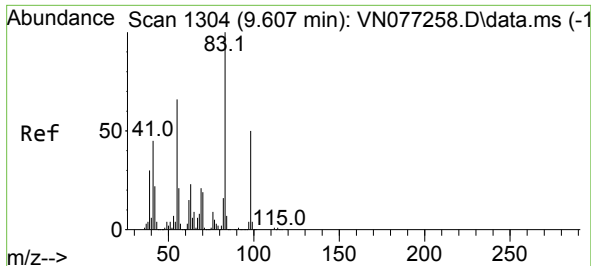
Tgt Ion: 43 Resp: 84632
Ion Ratio Lower Upper
43 100
61 17.8 12.2 18.2
70 14.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 10.277 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 117 Resp: 99909
Ion Ratio Lower Upper
117 100
119 90.4 78.5 117.7
121 25.9 26.6 40.0#





#39

Methylcyclohexane

Concen: 10.101 ug/l

RT: 9.607 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

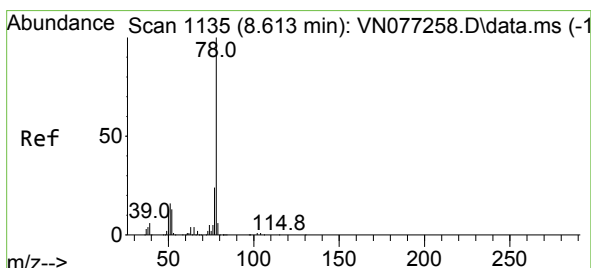
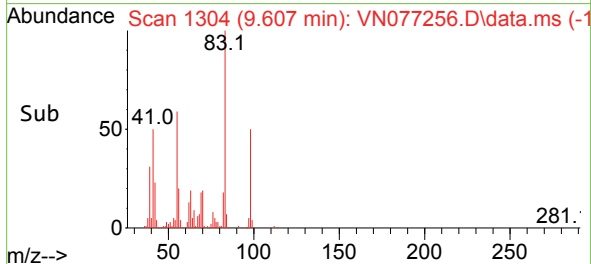
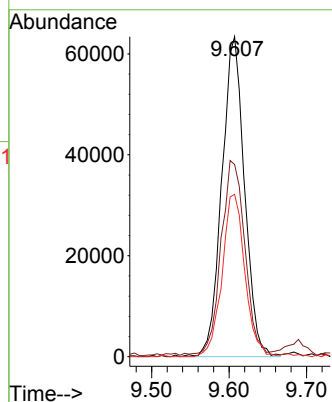
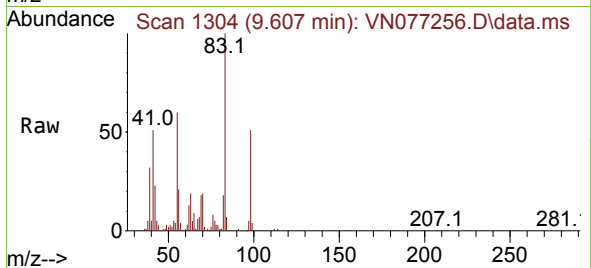
Tgt Ion: 83 Resp: 129237

Ion Ratio Lower Upper

83 100

55 59.6 52.4 78.6

98 50.7 39.8 59.6



#40

Benzene

Concen: 10.012 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077256.D

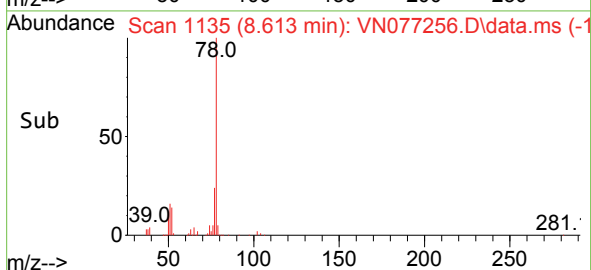
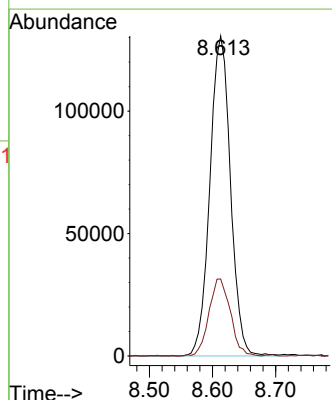
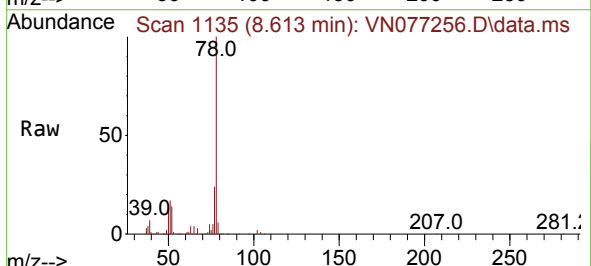
Acq: 05 Apr 2023 11:39

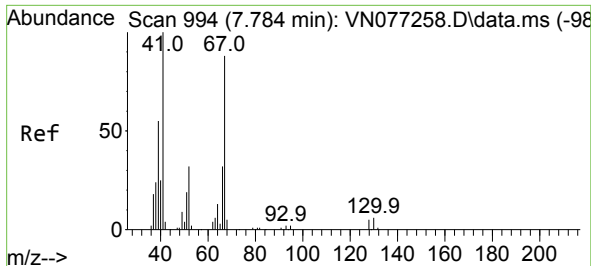
Tgt Ion: 78 Resp: 296326

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3

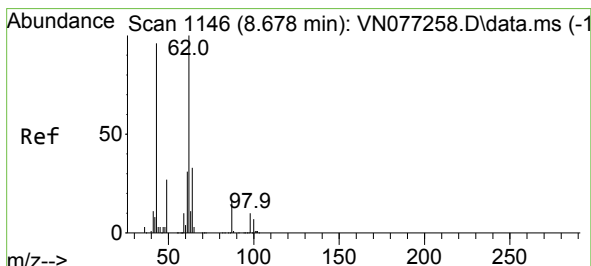
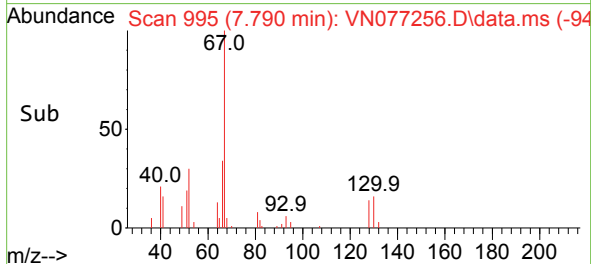
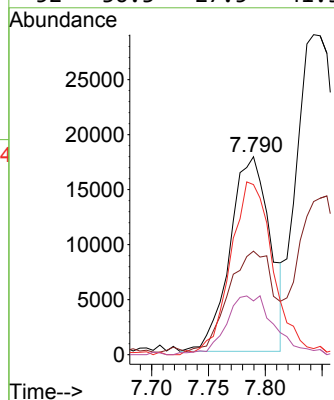
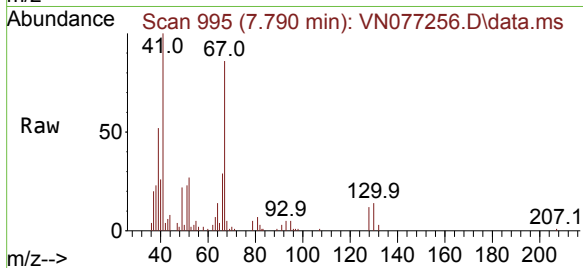




#41
Methacrylonitrile
Concen: 9.553 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

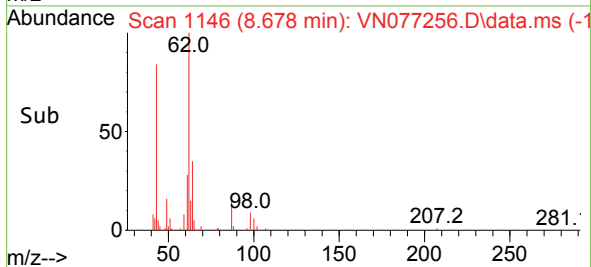
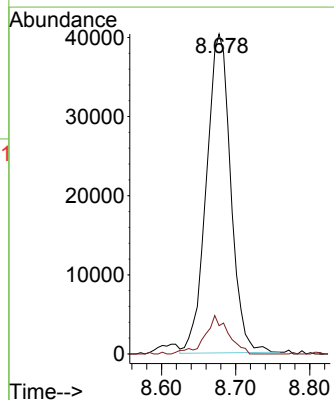
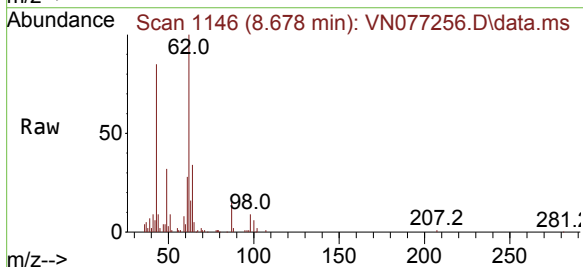
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

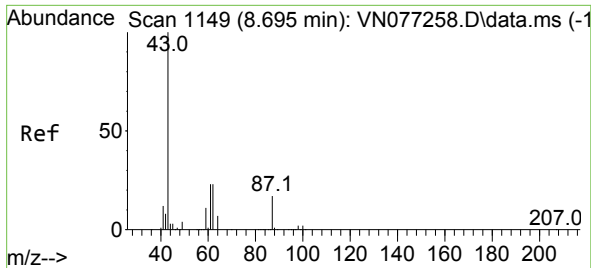
Tgt Ion:	41	Resp:	43594
Ion	Ratio	Lower	Upper
41	100		
39	56.8	44.1	66.1
67	94.3	71.4	107.2
52	36.3	27.5	41.3



#42
1,2-Dichloroethane
Concen: 10.092 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:	62	Resp:	91929
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	20.2

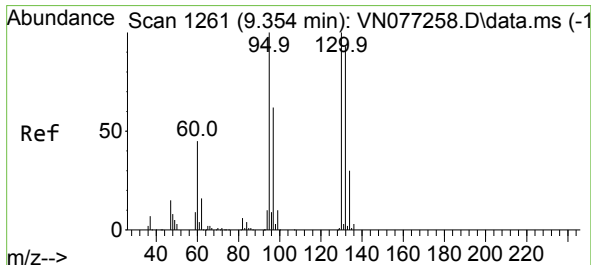
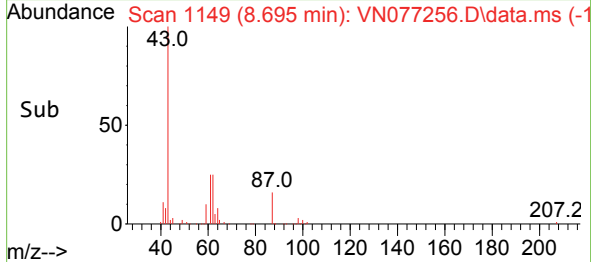
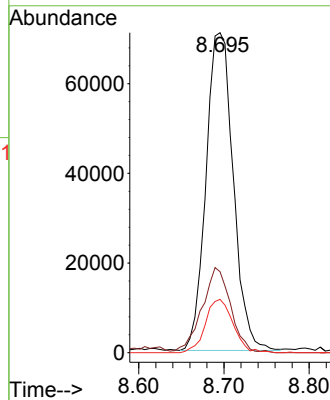
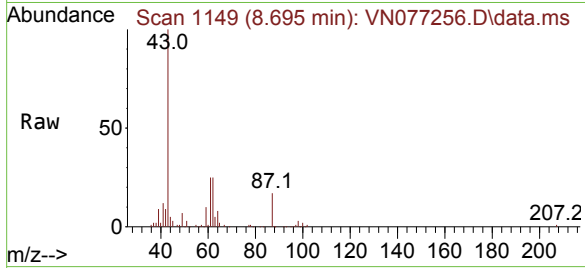




#43
Isopropyl Acetate
Concen: 10.061 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

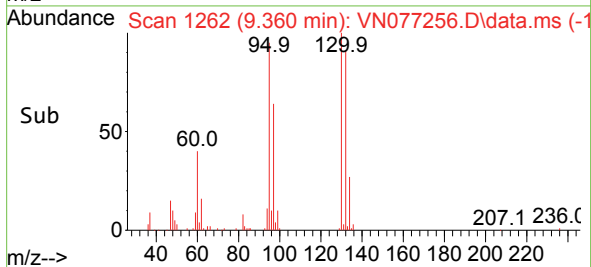
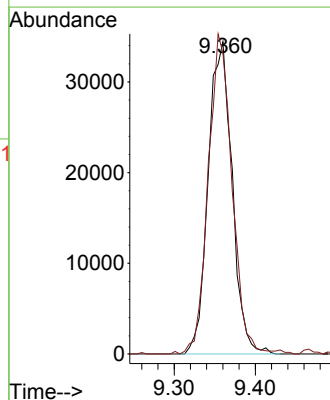
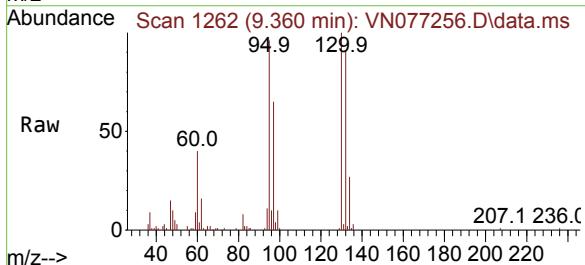
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

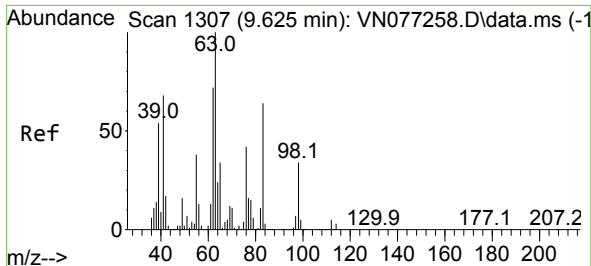
Tgt Ion: 43 Resp: 157610
Ion Ratio Lower Upper
43 100
61 28.3 22.7 34.1
87 17.0 13.6 20.4



#44
Trichloroethene
Concen: 9.955 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:130 Resp: 70502
Ion Ratio Lower Upper
130 100
95 96.3 0.0 200.2





#45

1,2-Dichloropropane

Concen: 10.397 ug/l

RT: 9.625 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

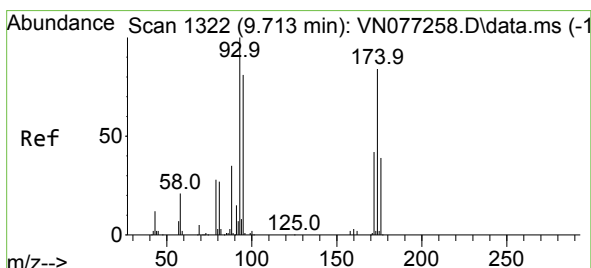
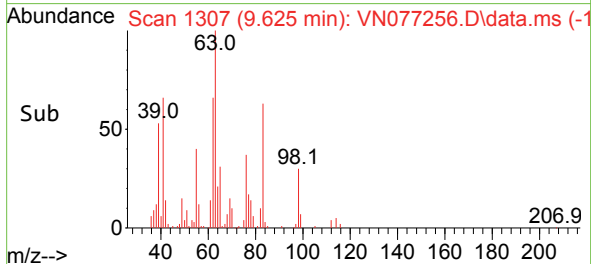
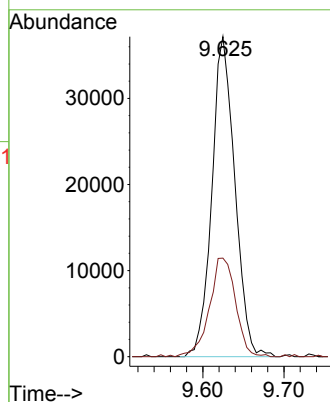
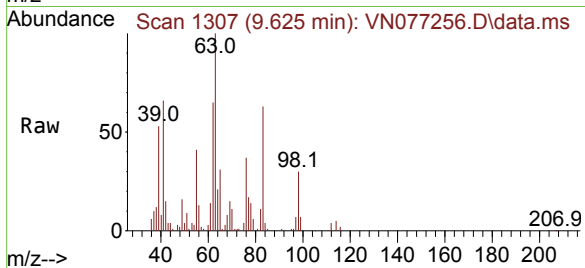
VSTDIC010

Tgt Ion: 63 Resp: 73080

Ion Ratio Lower Upper

63 100

65 30.8 27.1 40.7



#46

Dibromomethane

Concen: 9.764 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

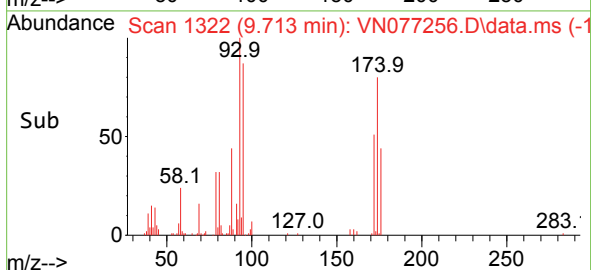
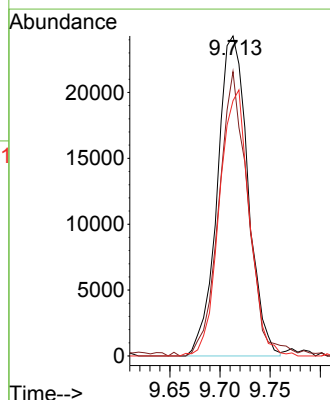
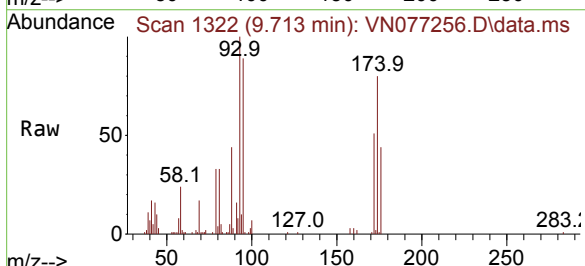
Tgt Ion: 93 Resp: 51712

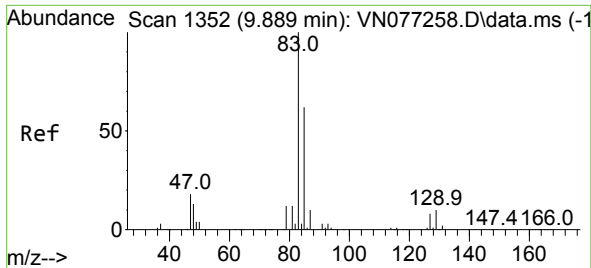
Ion Ratio Lower Upper

93 100

95 84.8 65.8 98.6

174 81.2 66.0 99.0

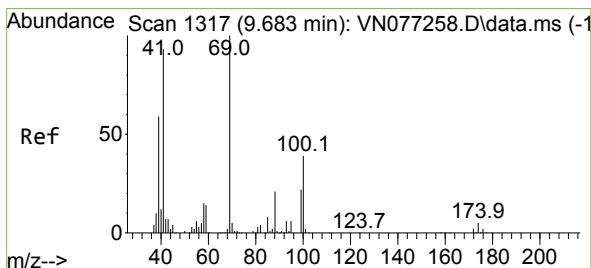
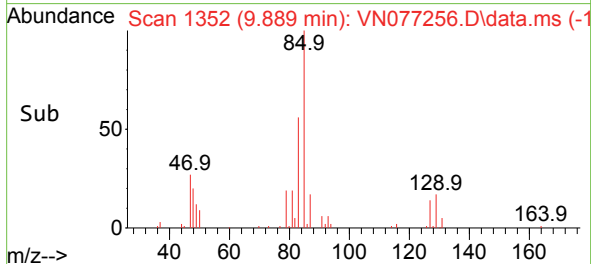
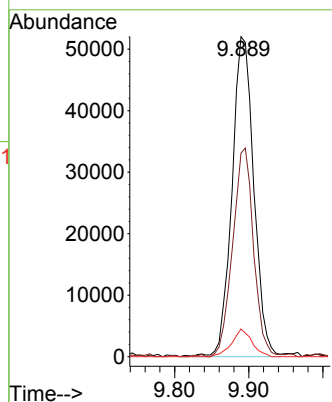
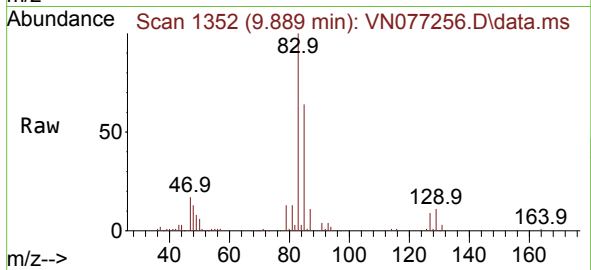




#47
Bromodichloromethane
Concen: 10.051 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

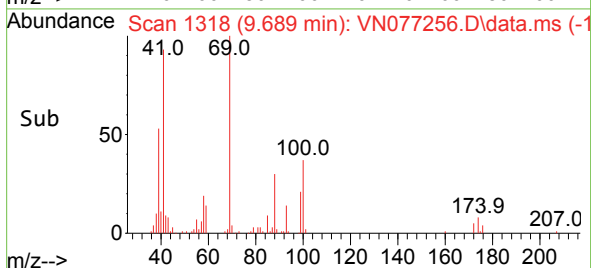
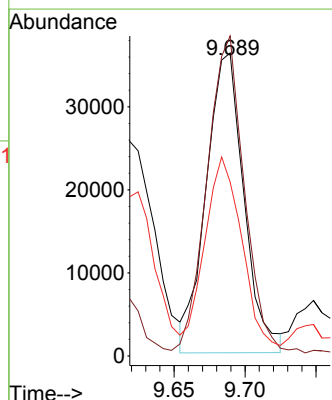
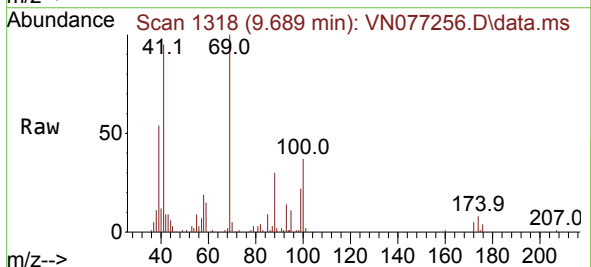
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

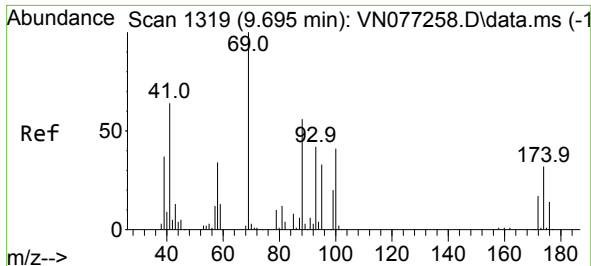
Tgt Ion: 83 Resp: 106394
Ion Ratio Lower Upper
83 100
85 63.6 49.8 74.8
127 8.7 6.2 9.2



#48
Methyl methacrylate
Concen: 9.997 ug/l
RT: 9.689 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 41 Resp: 66808
Ion Ratio Lower Upper
41 100
69 104.4 85.0 127.6
39 65.6 53.5 80.3





#49

1,4-Dioxane

Concen: 201.046 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

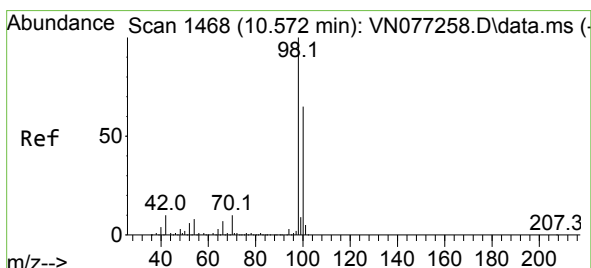
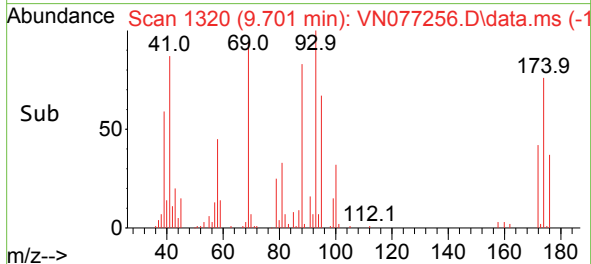
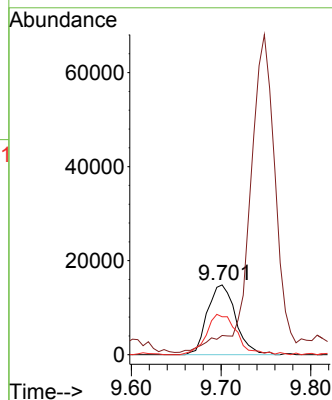
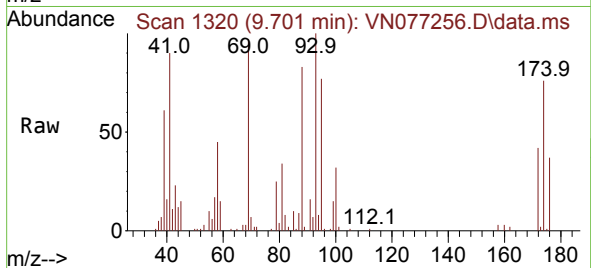
Tgt Ion: 88 Resp: 32574

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 62.4 49.8 74.6



#50

Toluene-d8

Concen: 9.709 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077256.D

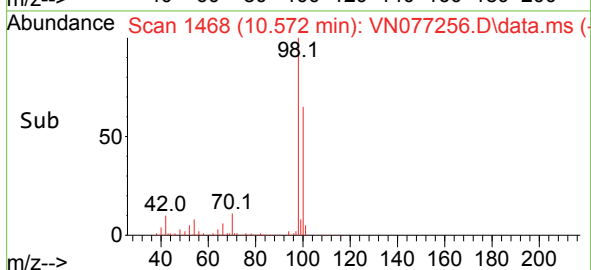
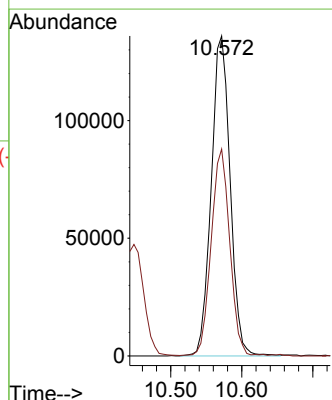
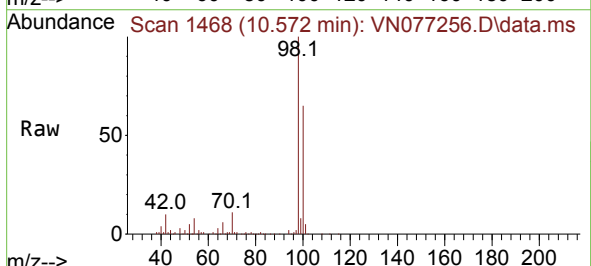
Acq: 05 Apr 2023 11:39

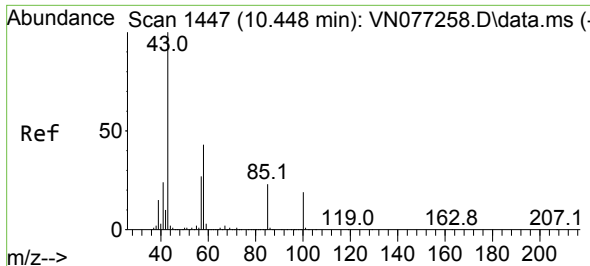
Tgt Ion: 98 Resp: 250755

Ion Ratio Lower Upper

98 100

100 63.3 51.3 76.9

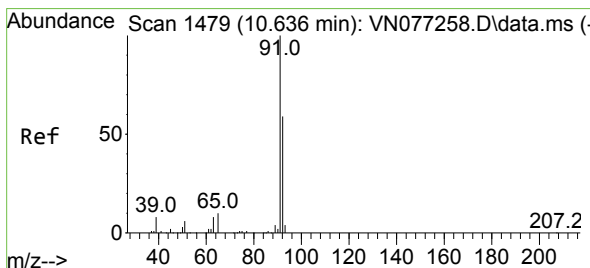
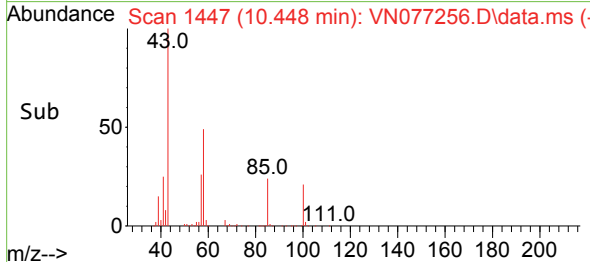
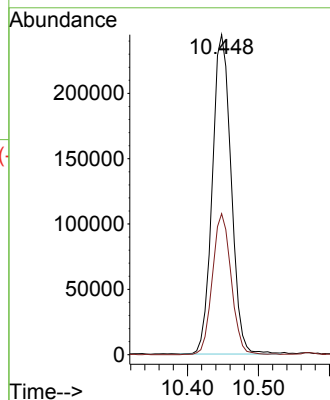
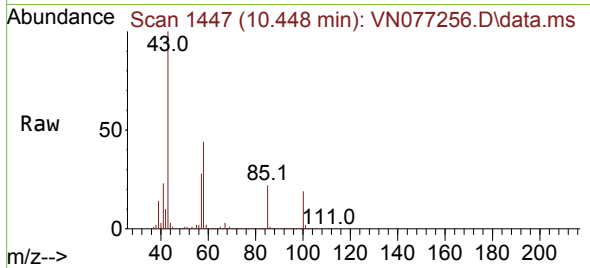




#51
4-Methyl-2-Pentanone
Concen: 49.698 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

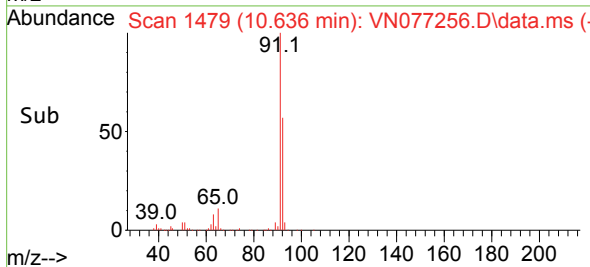
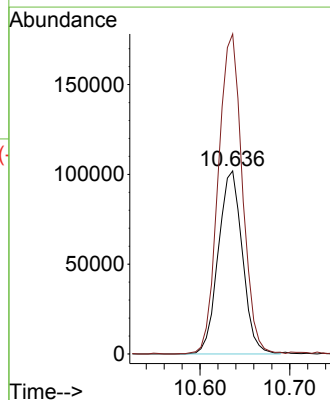
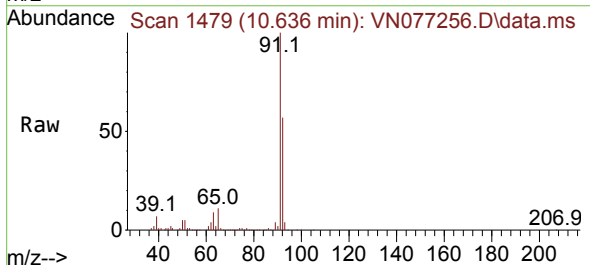
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

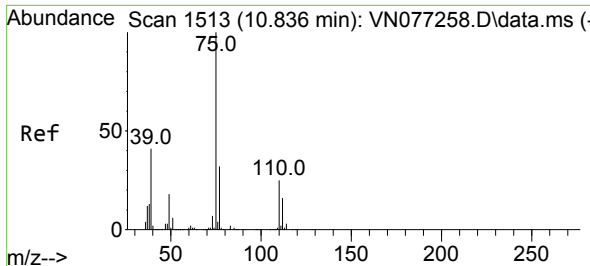
Tgt Ion: 43 Resp: 450021
Ion Ratio Lower Upper
43 100
58 43.9 34.6 52.0



#52
Toluene
Concen: 9.812 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 92 Resp: 190083
Ion Ratio Lower Upper
92 100
91 174.5 138.0 207.0

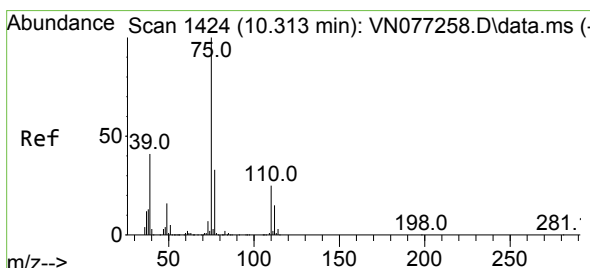
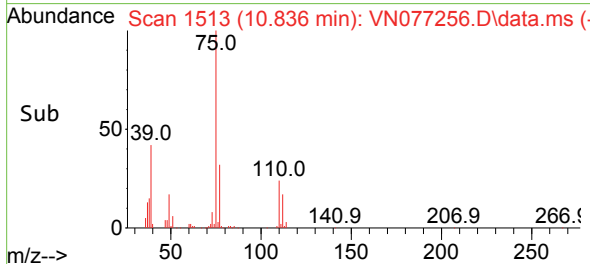
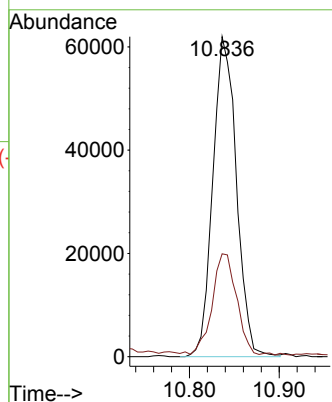
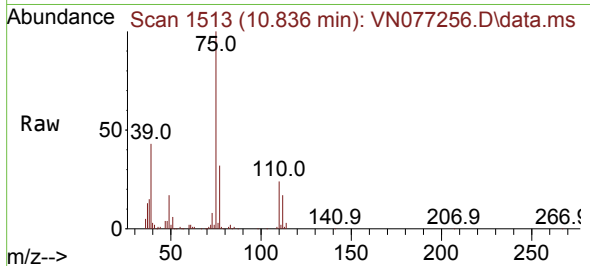




#53
t-1,3-Dichloropropene
Concen: 9.833 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

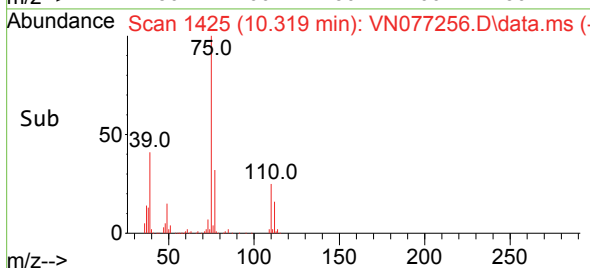
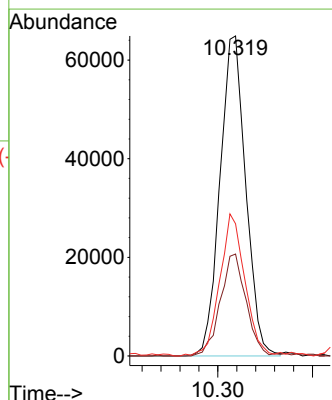
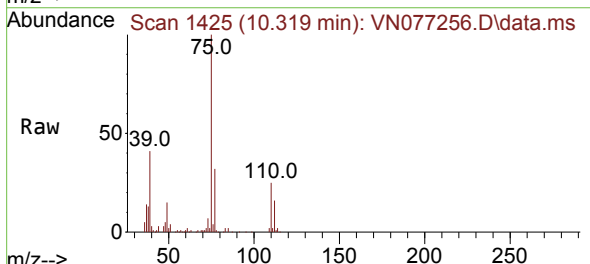
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

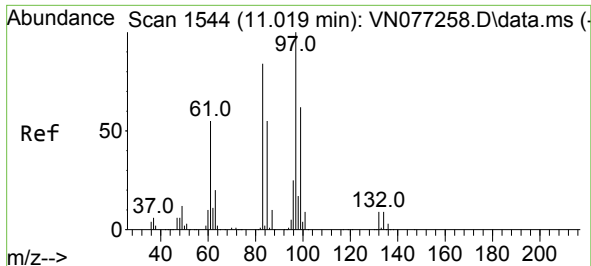
Tgt Ion: 75 Resp: 113030
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 10.001 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 75 Resp: 122456
Ion Ratio Lower Upper
75 100
77 31.9 26.7 40.1
39 41.3 32.8 49.2

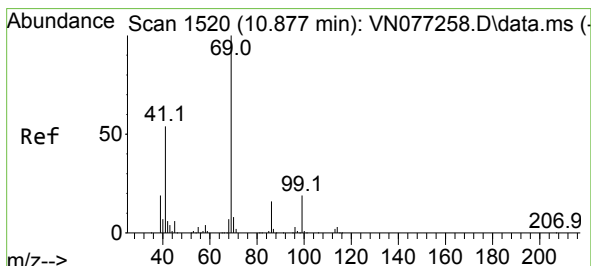
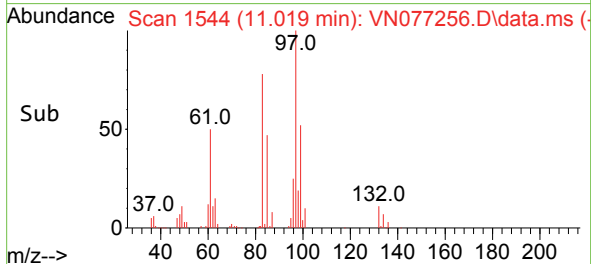
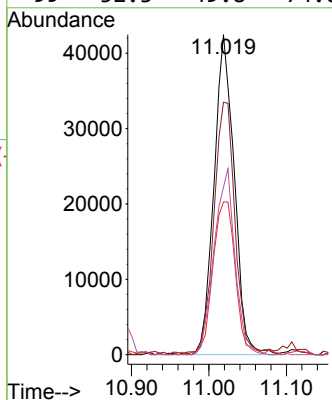
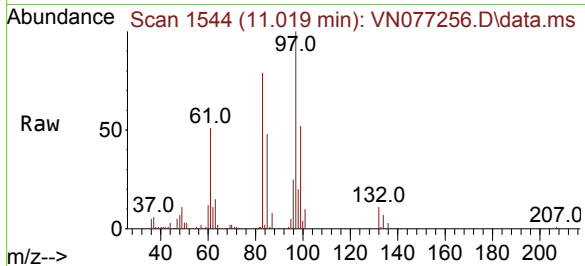




#55
1,1,2-Trichloroethane
Concen: 10.206 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

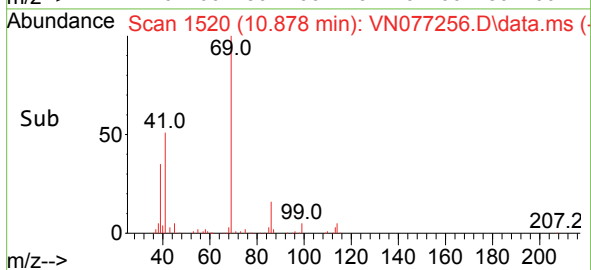
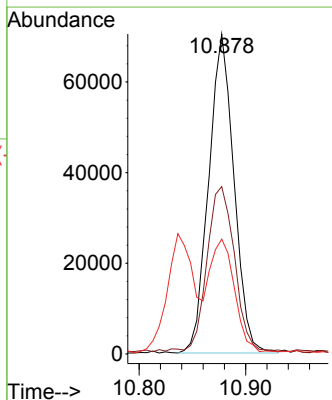
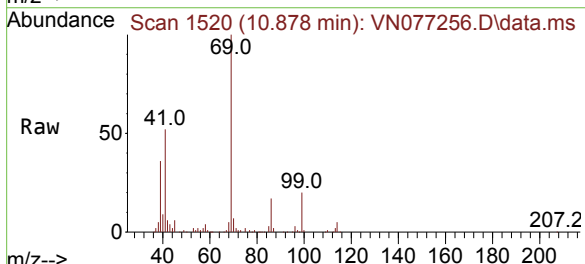
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

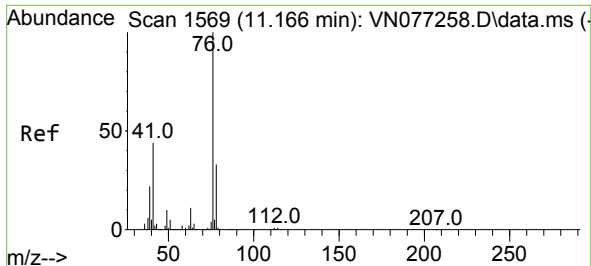
Tgt Ion: 97	Resp: 77610
Ion Ratio	Lower Upper
97 100	
83 78.2	67.4 101.2
85 47.2	44.1 66.1
99 52.3	49.8 74.6



#56
Ethyl methacrylate
Concen: 9.811 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.001 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 69	Resp: 116207
Ion Ratio	Lower Upper
69 100	
41 56.6	42.8 64.2
39 34.2	27.0 40.4





#57

1,3-Dichloropropane

Concen: 9.848 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

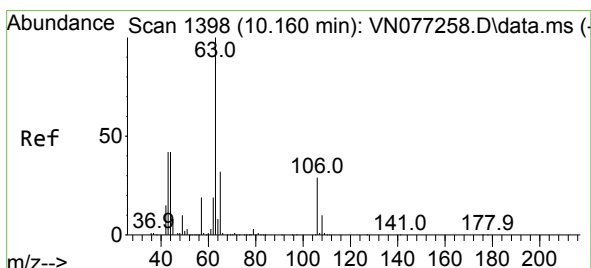
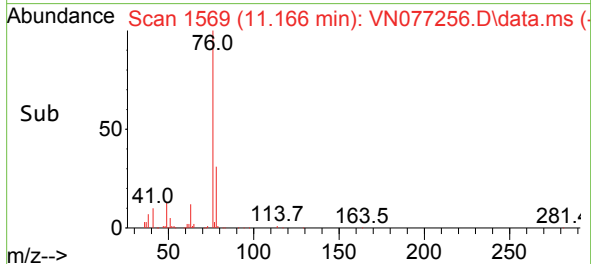
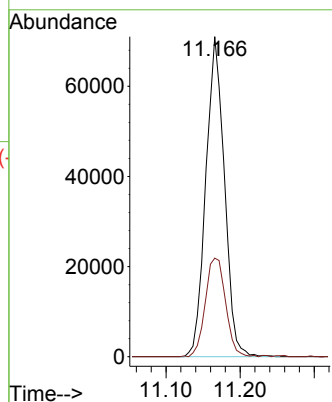
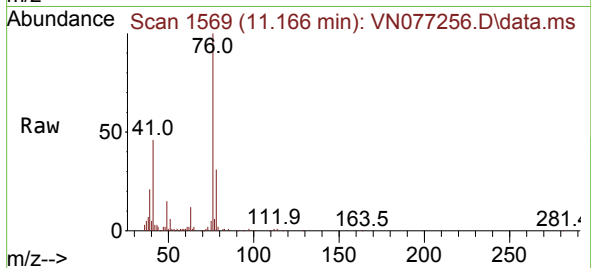
VSTDICC010

Tgt Ion: 76 Resp: 123732

Ion Ratio Lower Upper

76 100

78 33.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 48.162 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077256.D

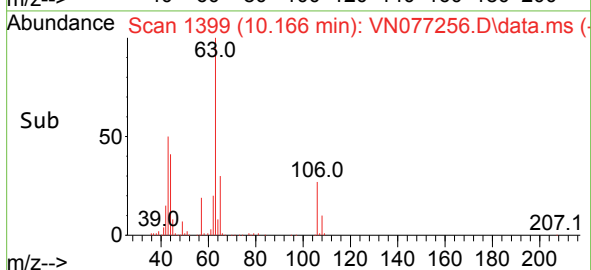
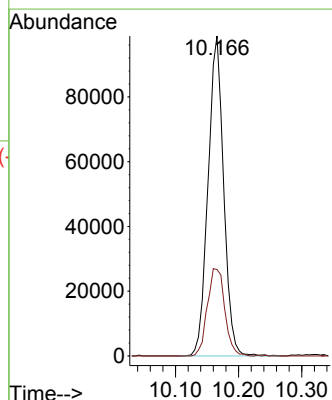
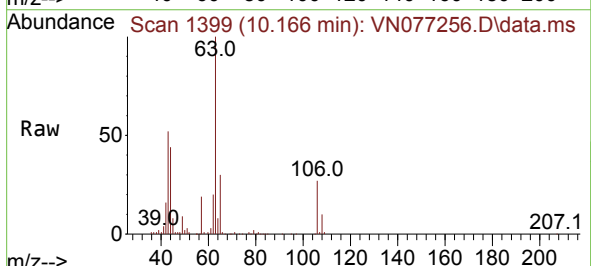
Acq: 05 Apr 2023 11:39

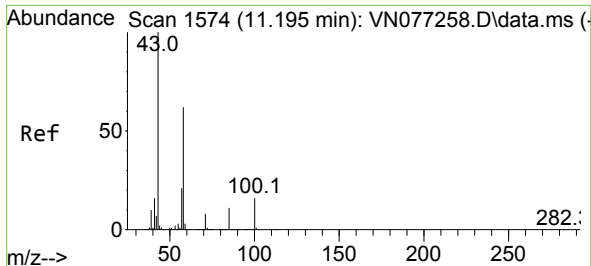
Tgt Ion: 63 Resp: 169817

Ion Ratio Lower Upper

63 100

106 30.5 24.1 36.1

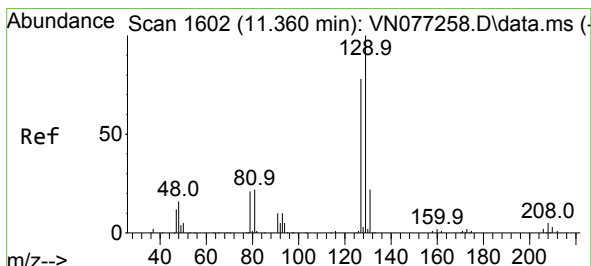
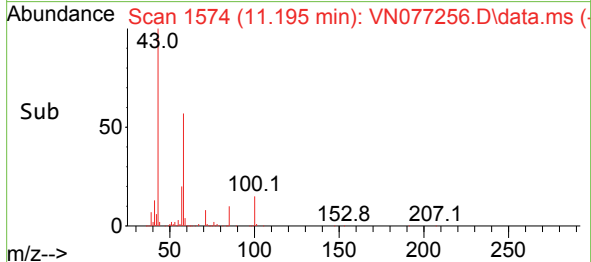
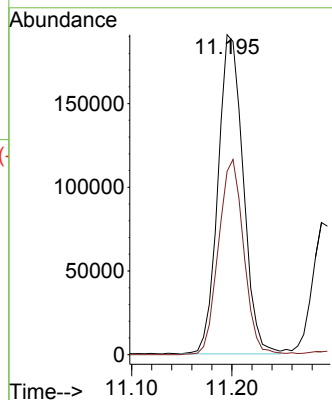
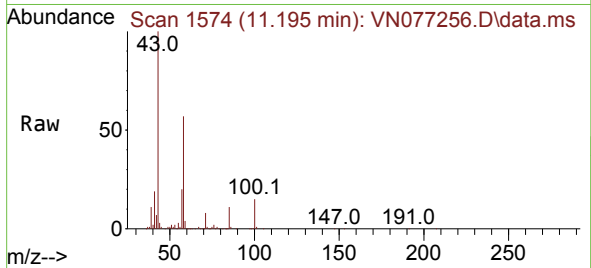




#59
2-Hexanone
Concen: 49.235 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

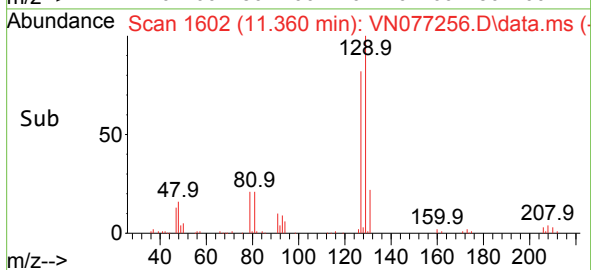
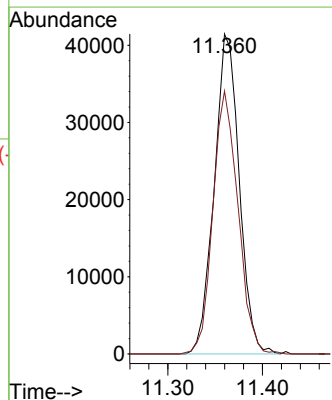
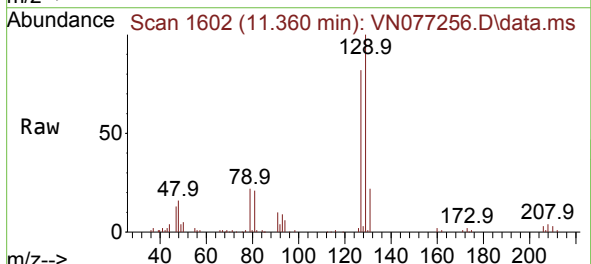
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

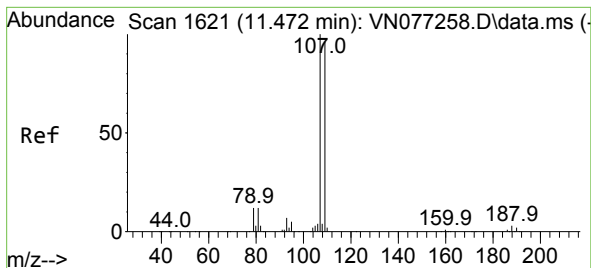
Tgt Ion: 43 Resp: 332146
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.5



#60
Dibromochloromethane
Concen: 9.725 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 129 Resp: 76168
Ion Ratio Lower Upper
129 100
127 82.4 38.1 114.5

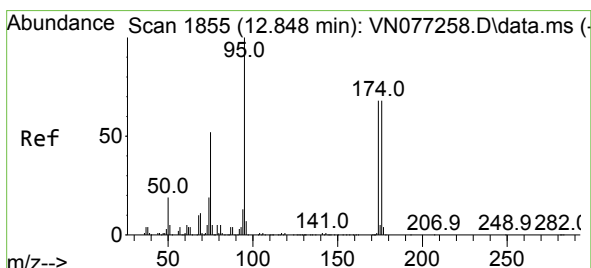
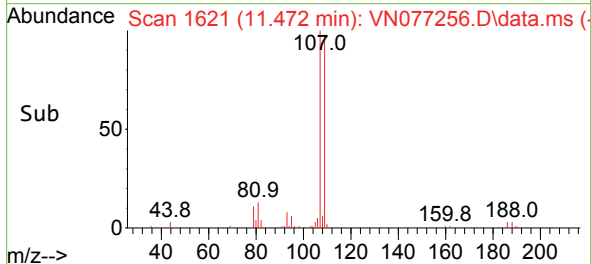
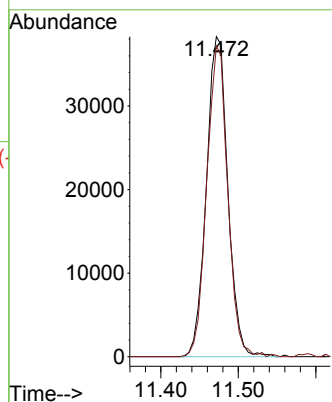
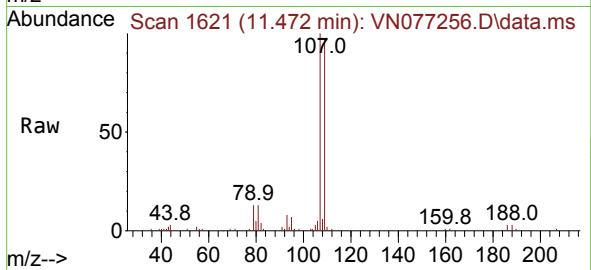




#61
1,2-Dibromoethane
Concen: 9.704 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

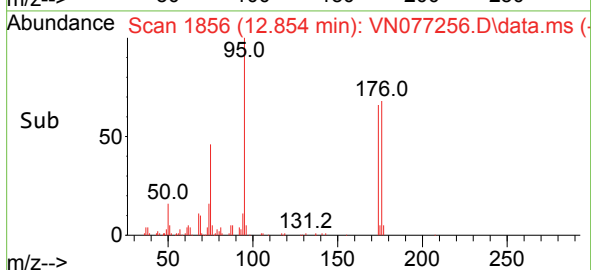
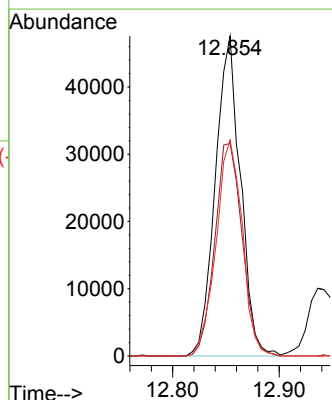
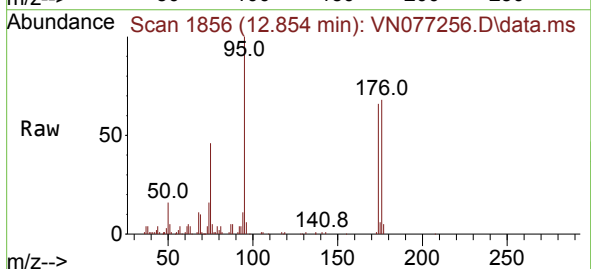
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

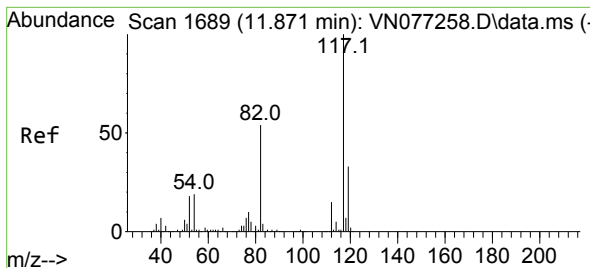
Tgt Ion:107 Resp: 73659
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 9.068 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 95 Resp: 77896
Ion Ratio Lower Upper
95 100
174 72.3 0.0 146.8
176 70.4 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

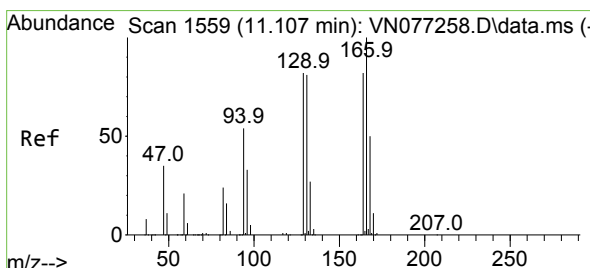
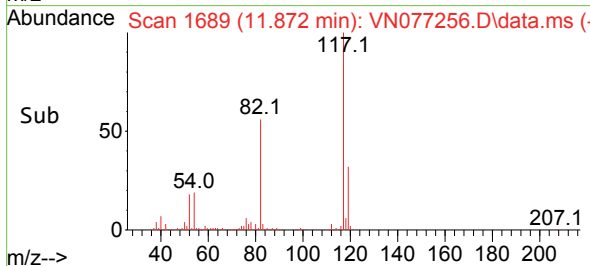
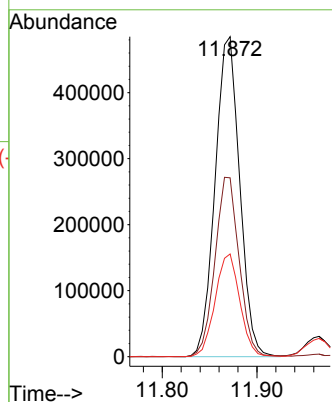
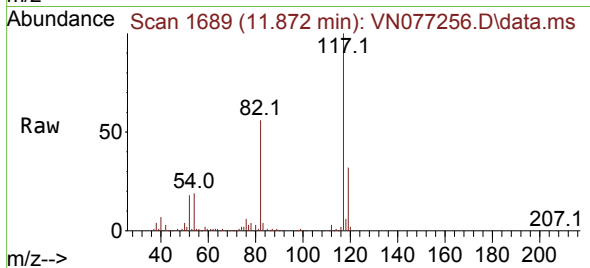
Tgt Ion:117 Resp: 875612

Ion Ratio Lower Upper

117 100

82 55.8 42.9 64.3

119 32.1 26.2 39.4



#64

Tetrachloroethene

Concen: 10.324 ug/l

RT: 11.107 min Scan# 1559

Delta R.T. -0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Tgt Ion:164 Resp: 55844

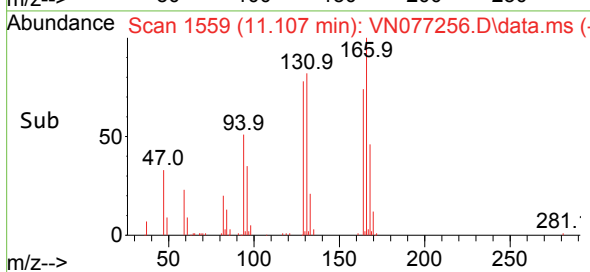
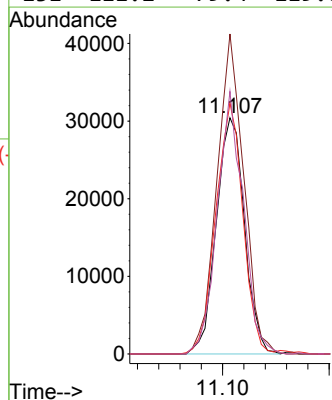
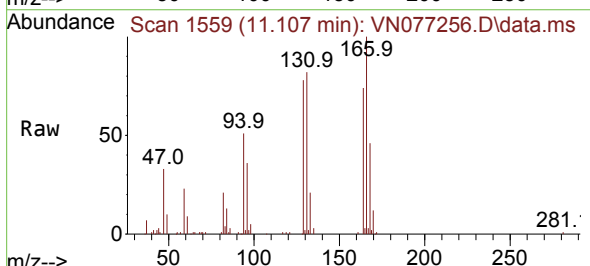
Ion Ratio Lower Upper

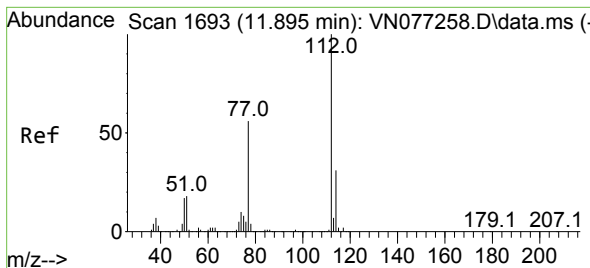
164 100

166 135.5 97.8 146.6

129 106.2 80.1 120.1

131 111.2 79.4 119.0

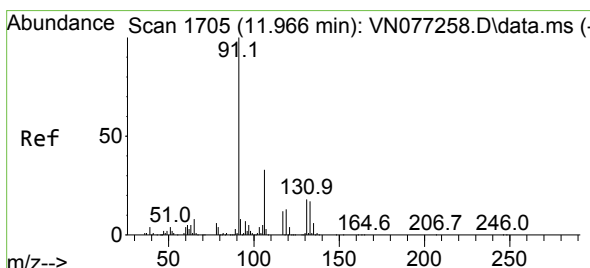
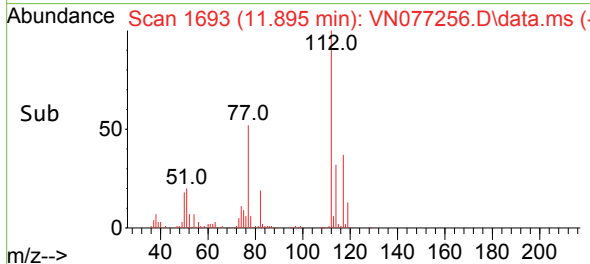
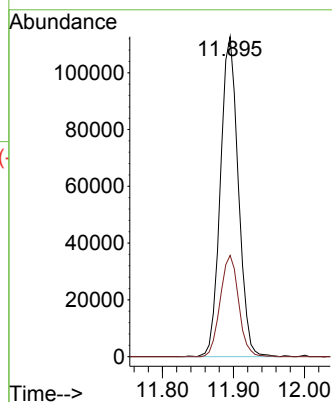
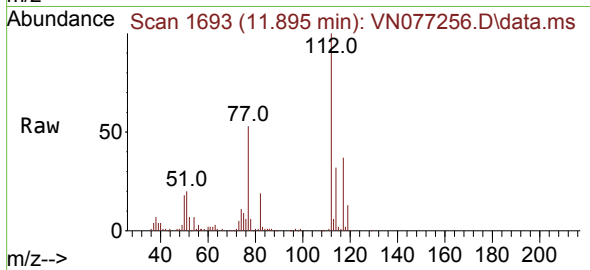




#65
Chlorobenzene
Concen: 10.197 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

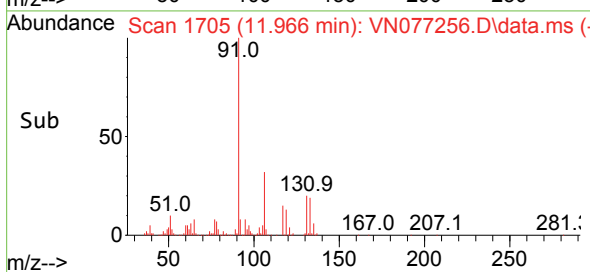
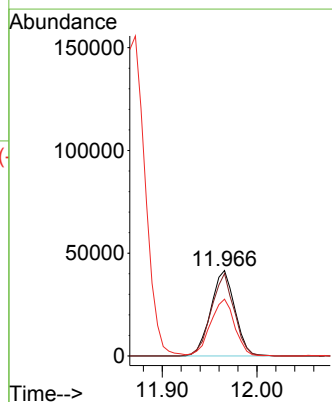
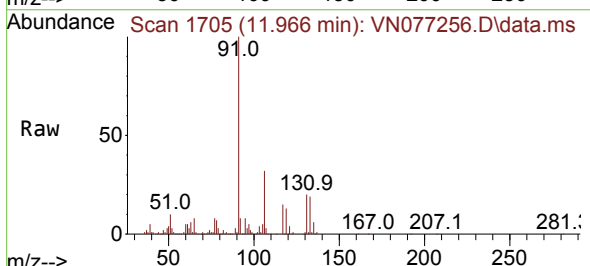
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

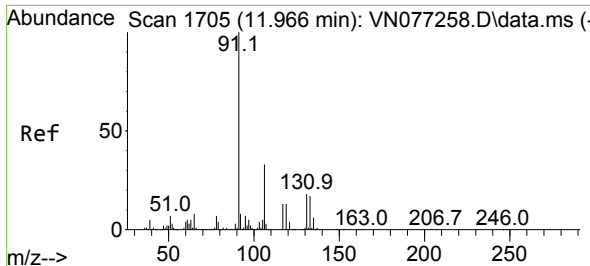
Tgt Ion:112 Resp: 196572
Ion Ratio Lower Upper
112 100
114 31.6 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 10.058 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:131 Resp: 73361
Ion Ratio Lower Upper
131 100
133 93.0 46.9 140.6
119 67.1 34.0 102.0

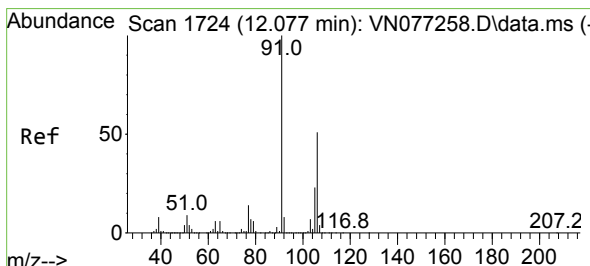
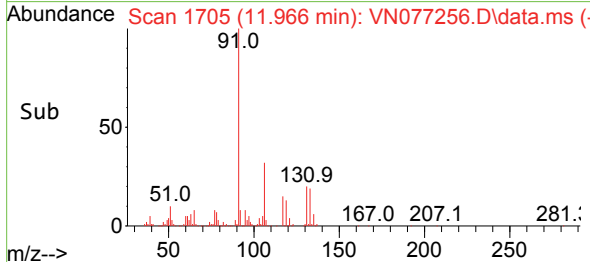
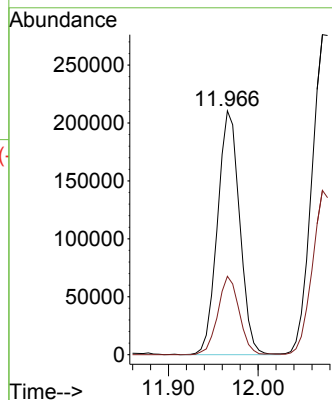
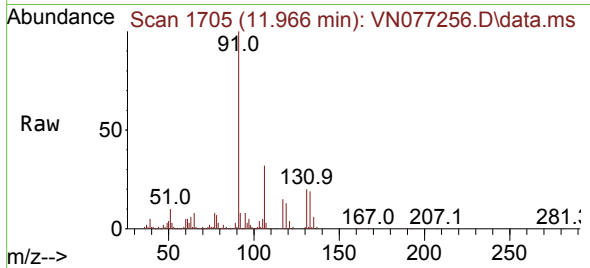




#67
Ethyl Benzene
Concen: 10.156 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

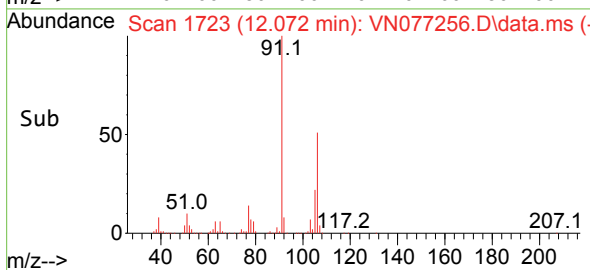
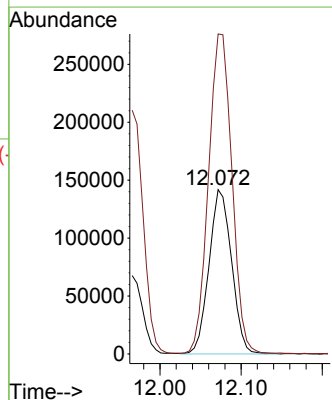
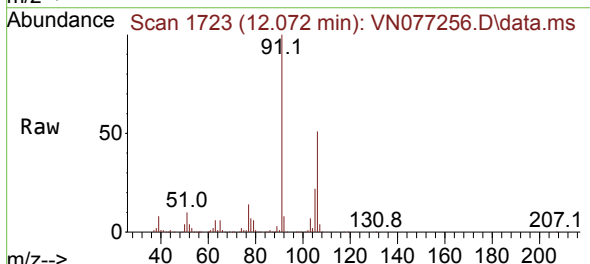
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

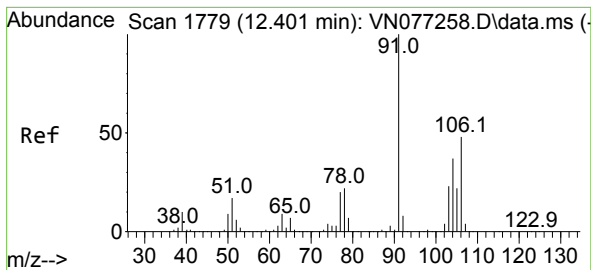
Tgt Ion: 91 Resp: 361287
Ion Ratio Lower Upper
91 100
106 32.1 26.2 39.2



#68
m/p-Xylenes
Concen: 19.635 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 106 Resp: 274447
Ion Ratio Lower Upper
106 100
91 202.2 158.7 238.1

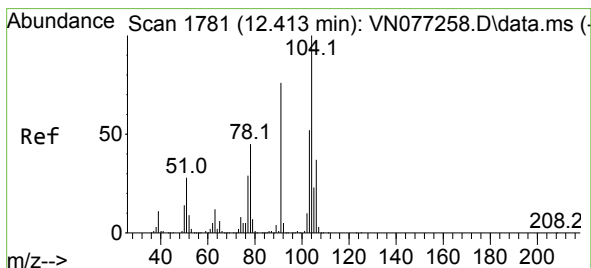
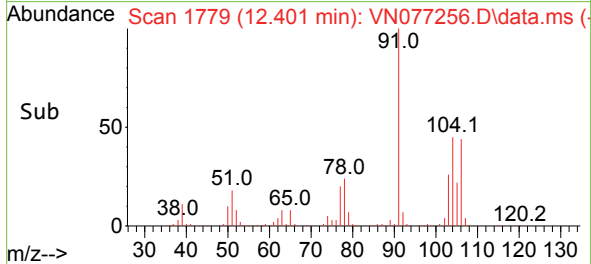
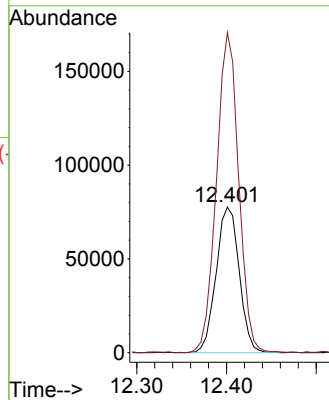
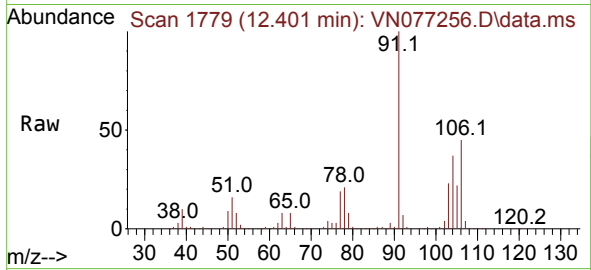




#69
o-Xylene
Concen: 10.062 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

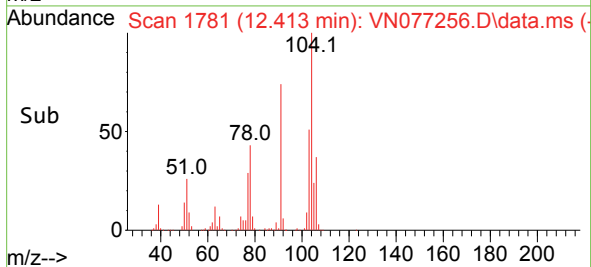
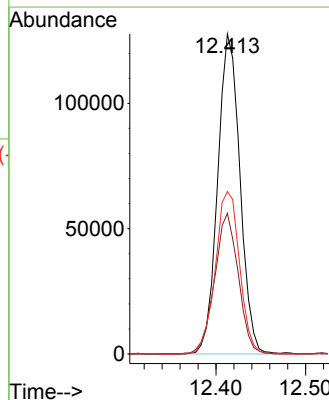
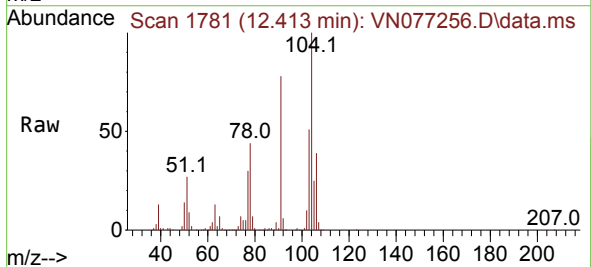
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

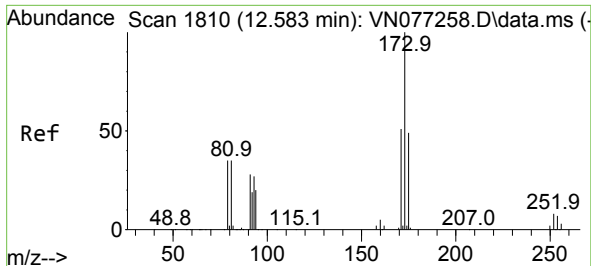
Tgt Ion:106 Resp: 138740
Ion Ratio Lower Upper
106 100
91 211.8 104.0 312.0



#70
Styrene
Concen: 9.926 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:104 Resp: 220258
Ion Ratio Lower Upper
104 100
78 46.7 38.0 57.0
103 55.2 43.1 64.7

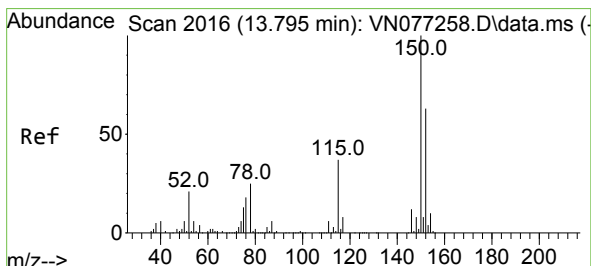
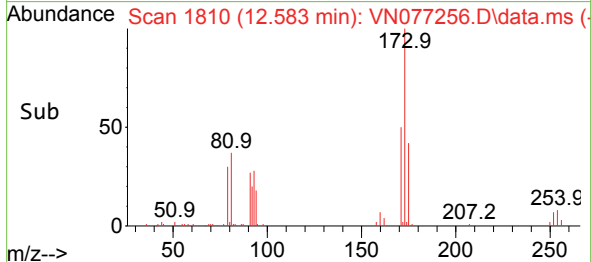
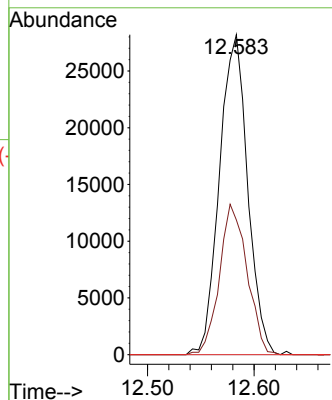
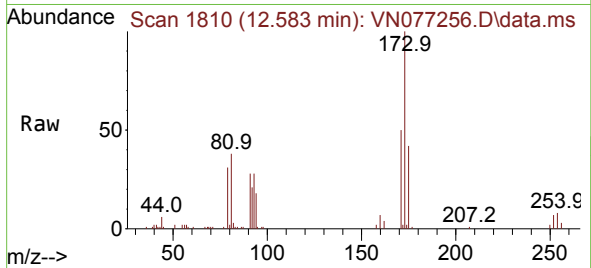




#71
Bromoform
Concen: 10.072 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

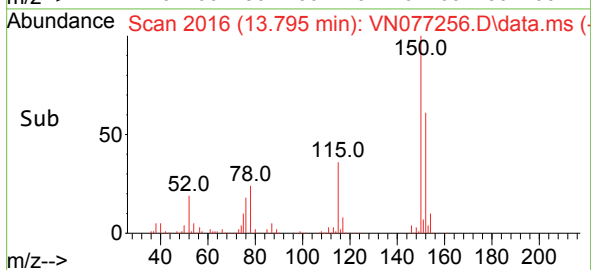
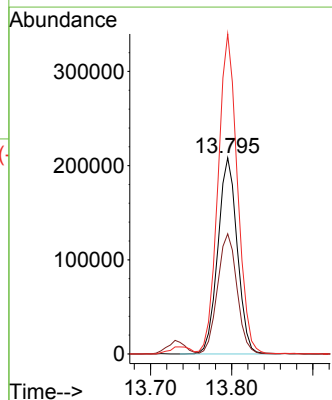
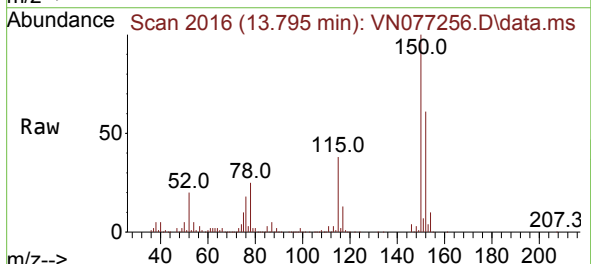
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

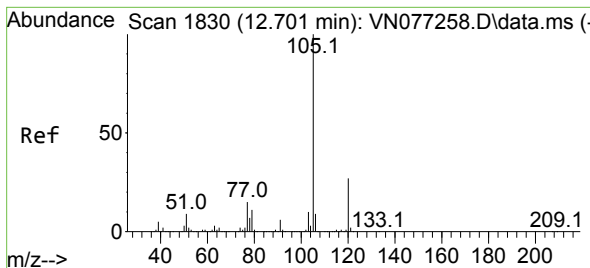
Tgt Ion:173 Resp: 51713
Ion Ratio Lower Upper
173 100
175 46.2 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:152 Resp: 345716
Ion Ratio Lower Upper
152 100
115 61.7 32.1 96.3
150 163.0 0.0 354.8





#73

Isopropylbenzene

Concen: 10.362 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. -0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

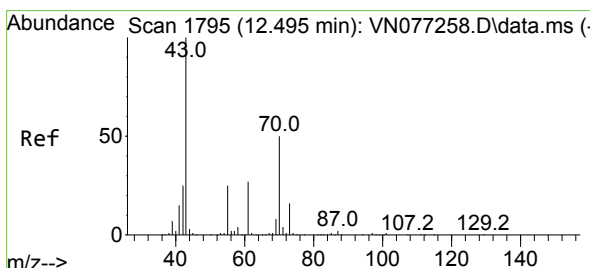
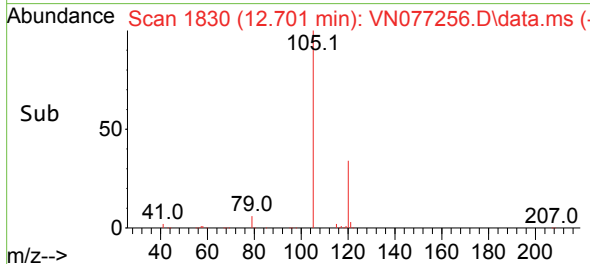
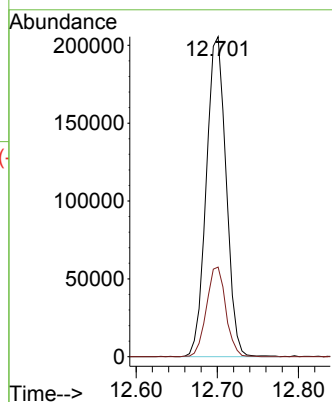
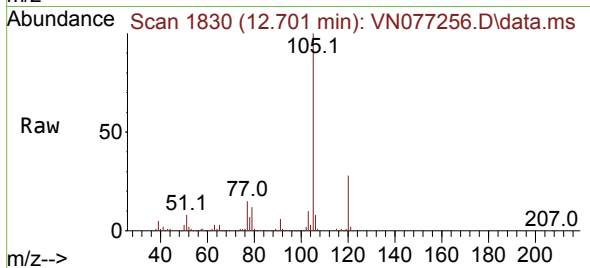
VSTDIC010

Tgt Ion:105 Resp: 347938

Ion Ratio Lower Upper

105 100

120 27.3 13.2 39.6



#74

N-ethyl acetate

Concen: 10.203 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Tgt Ion: 43 Resp: 129841

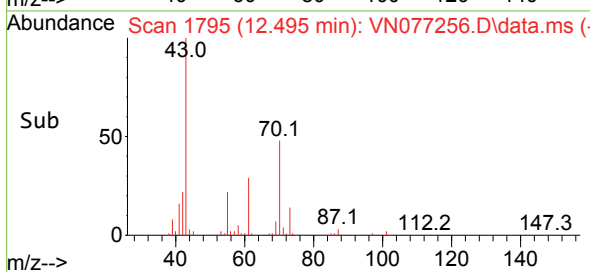
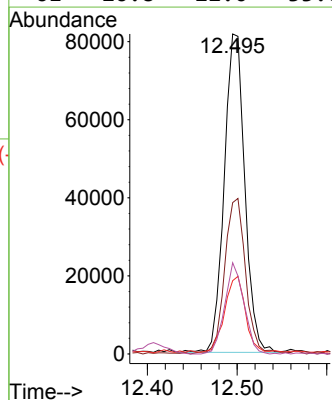
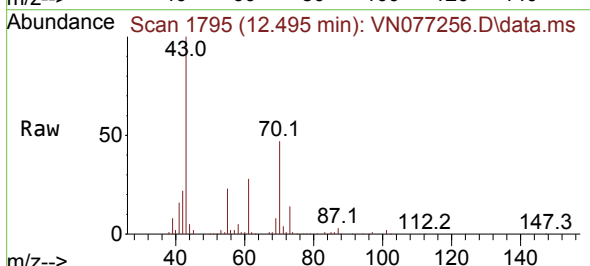
Ion Ratio Lower Upper

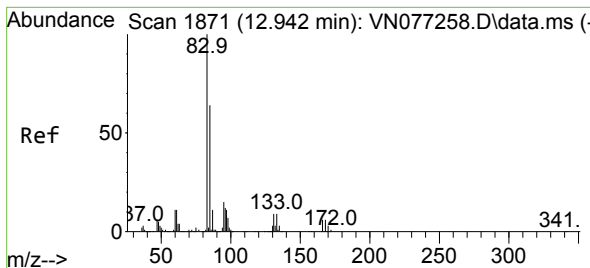
43 100

70 50.0 41.0 61.6

55 23.8 19.3 28.9

61 26.8 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 10.356 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

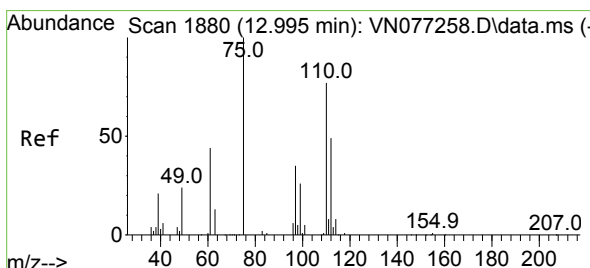
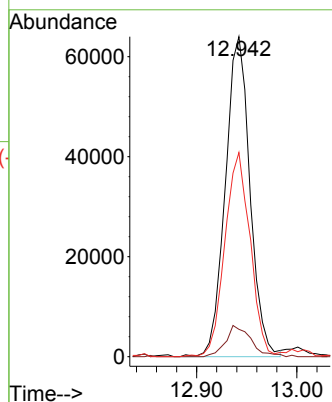
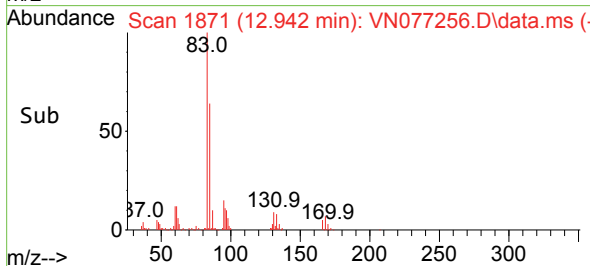
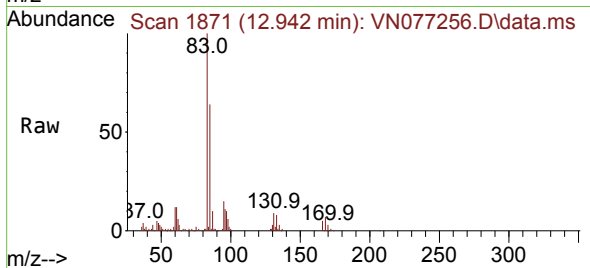
Tgt Ion: 83 Resp: 109136

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.6

85 65.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 15.902 ug/l

RT: 13.001 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN077256.D

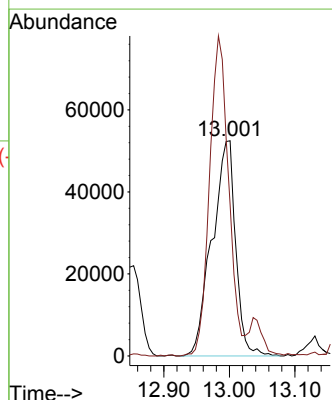
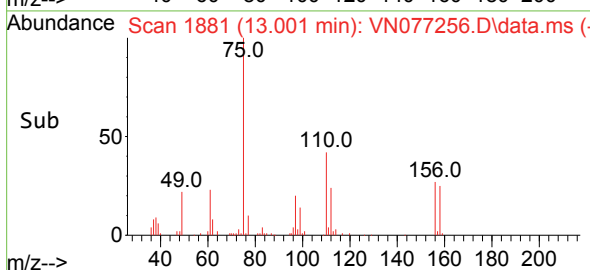
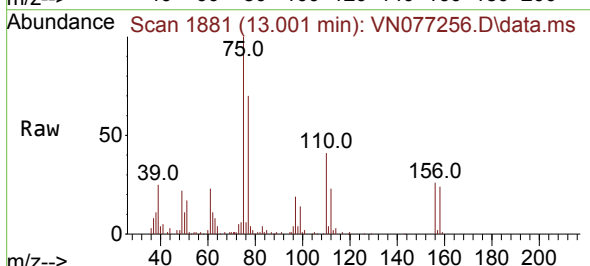
Acq: 05 Apr 2023 11:39

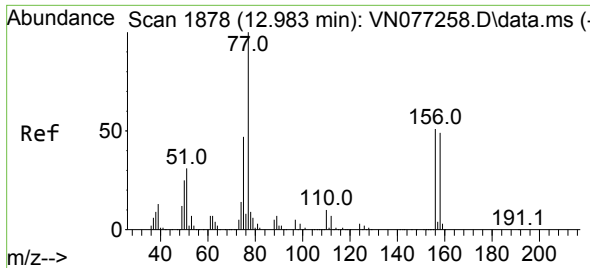
Tgt Ion: 75 Resp: 130912

Ion Ratio Lower Upper

75 100

77 121.4 88.3 264.9

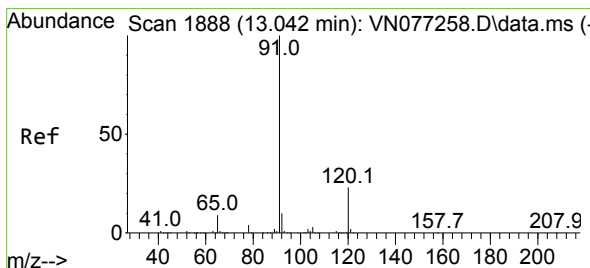
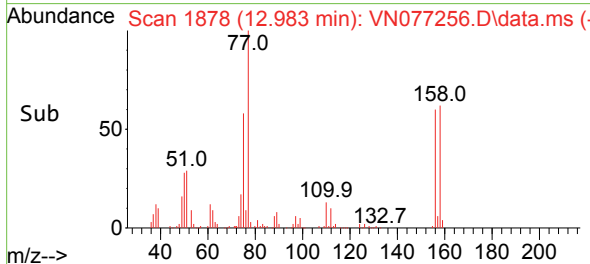
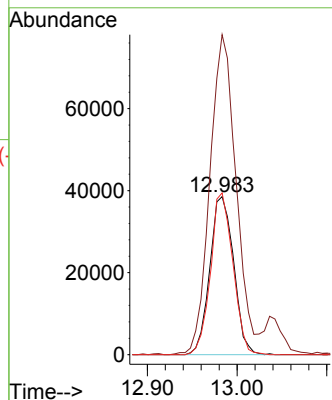
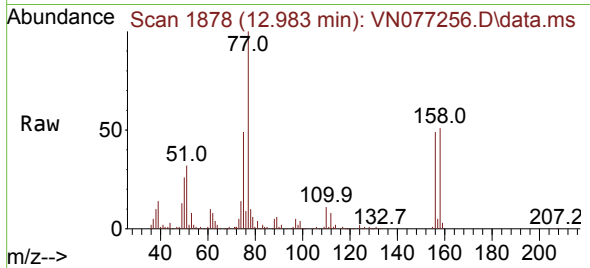




#77
Bromobenzene
Concen: 10.412 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

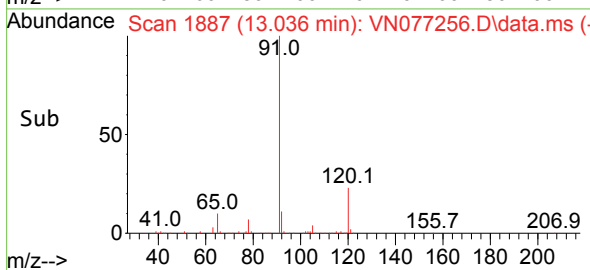
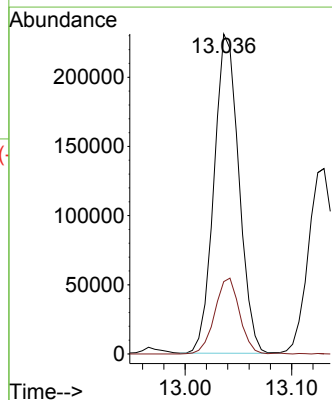
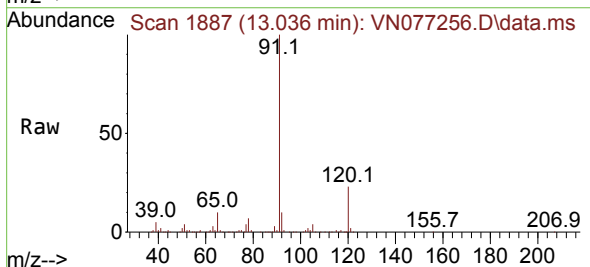
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

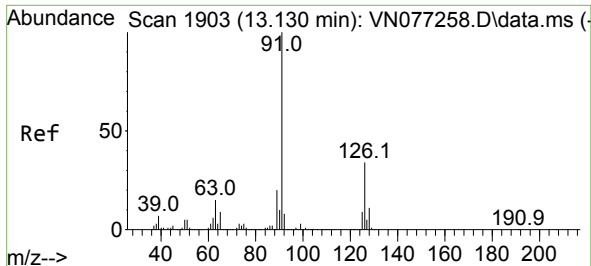
Tgt Ion:156 Resp: 71093
Ion Ratio Lower Upper
156 100
77 223.5 115.3 345.8
158 96.0 49.3 147.8



#78
n-propylbenzene
Concen: 10.096 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 91 Resp: 374578
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.5





#79

2-Chlorotoluene

Concen: 10.319 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

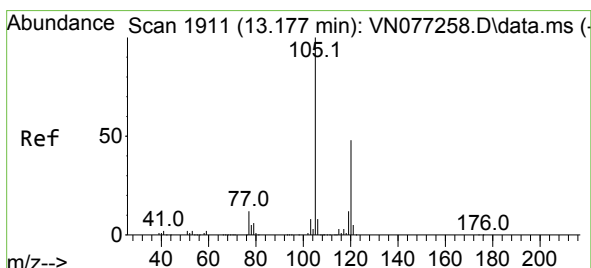
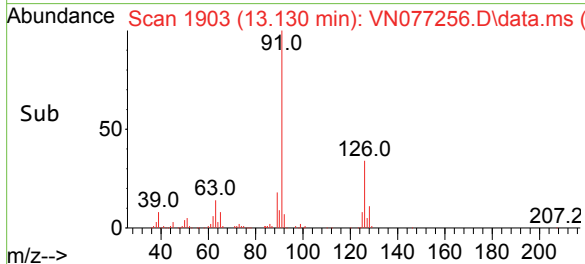
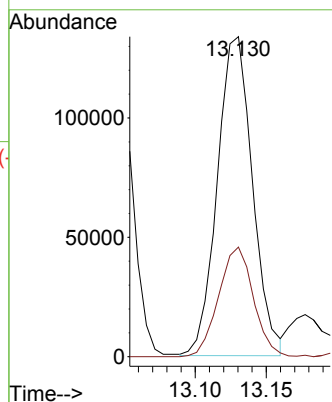
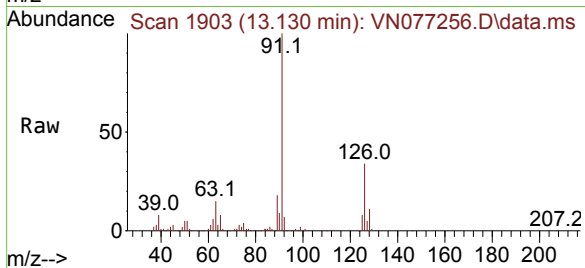
VSTDIC010

Tgt Ion: 91 Resp: 230534

Ion Ratio Lower Upper

91 100

126 33.9 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 10.359 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077256.D

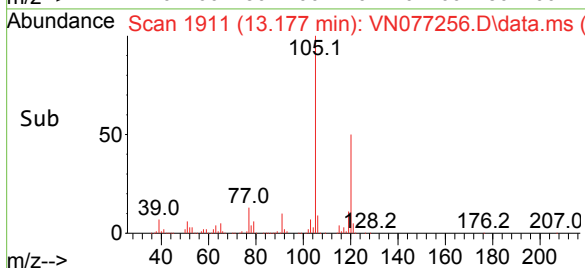
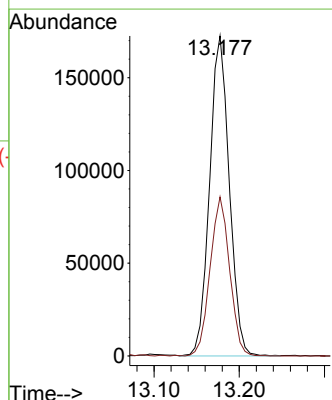
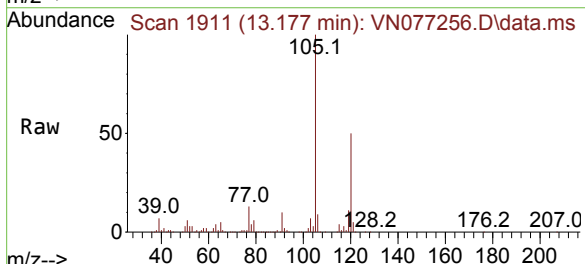
Acq: 05 Apr 2023 11:39

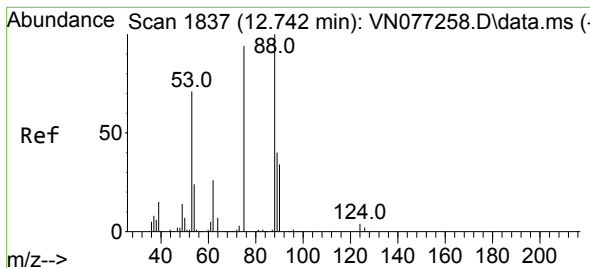
Tgt Ion: 105 Resp: 277833

Ion Ratio Lower Upper

105 100

120 49.3 24.3 73.0

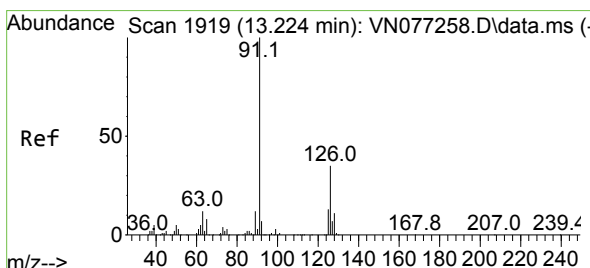
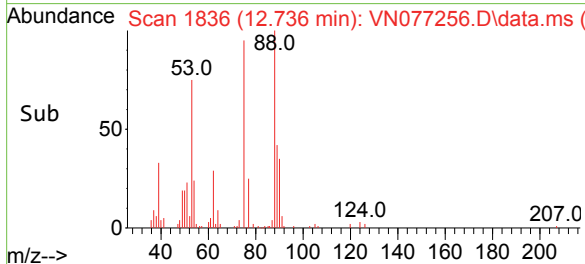
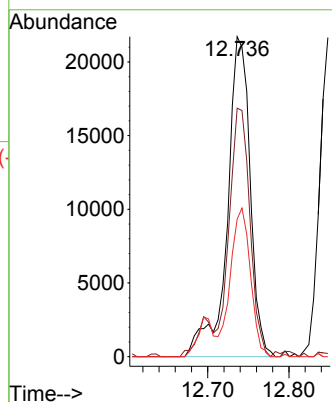
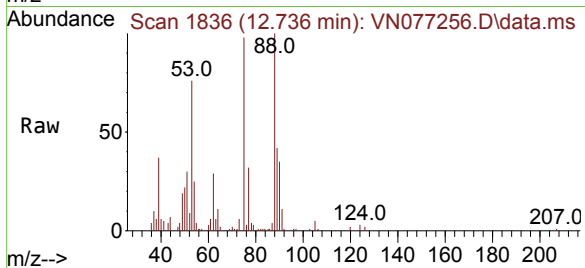




#81
trans-1,4-Dichloro-2-butene
Concen: 11.626 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

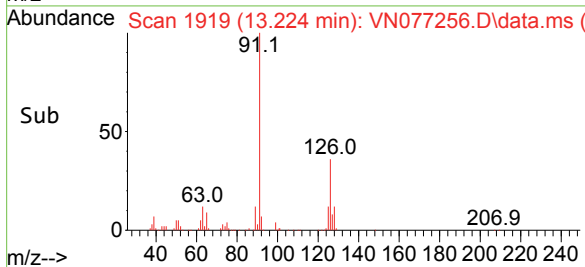
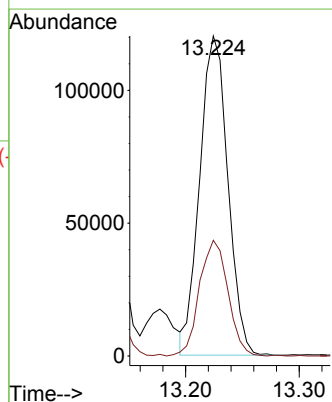
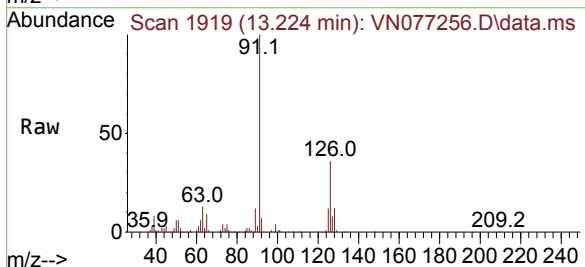
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

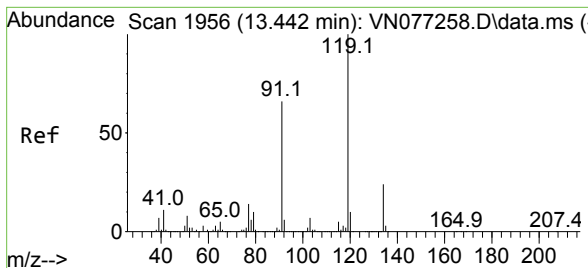
Tgt Ion: 75 Resp: 42530
Ion Ratio Lower Upper
75 100
53 70.2 72.8 109.2#
89 40.2 37.4 56.2



#82
4-Chlorotoluene
Concen: 9.827 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 91 Resp: 206982
Ion Ratio Lower Upper
91 100
126 36.7 16.9 50.7

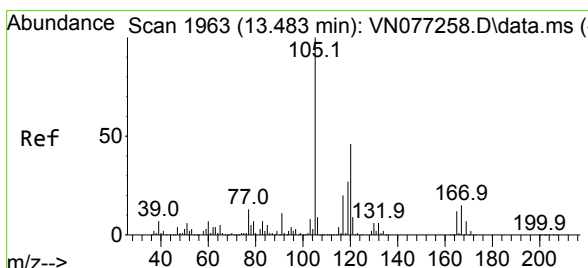
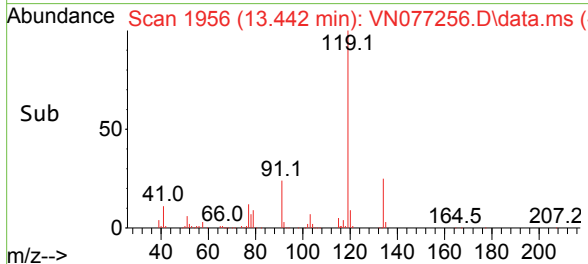
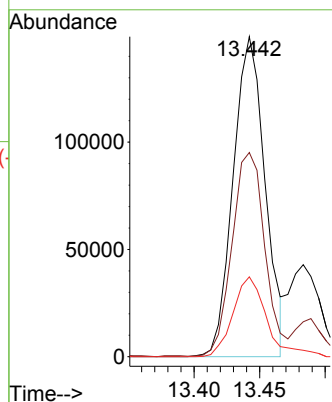
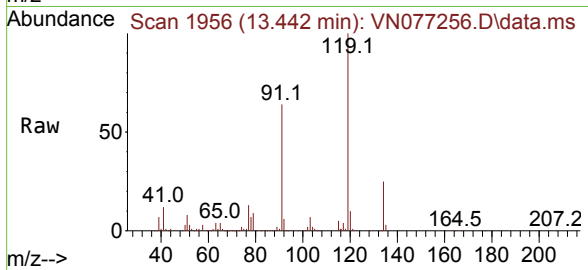




#83
tert-Butylbenzene
Concen: 10.591 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

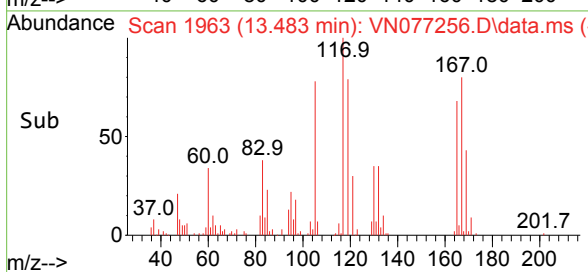
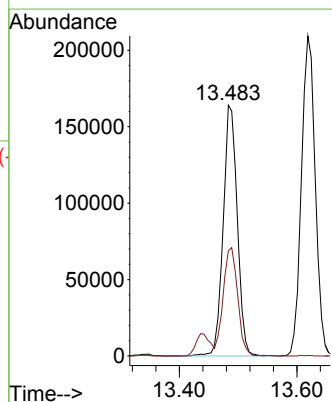
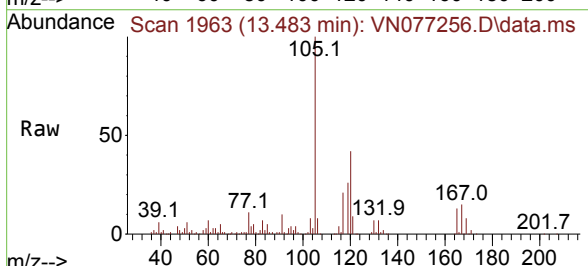
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

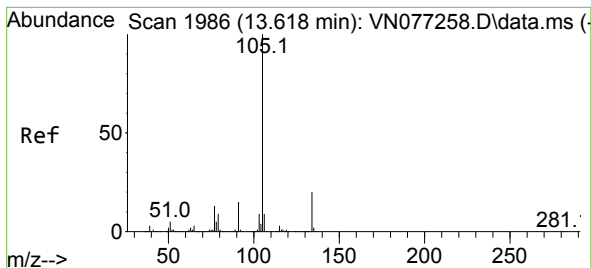
Tgt Ion:119 Resp: 252823
Ion Ratio Lower Upper
119 100
91 65.6 33.5 100.4
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 10.317 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:105 Resp: 273366
Ion Ratio Lower Upper
105 100
120 44.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 10.284 ug/l

RT: 13.619 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

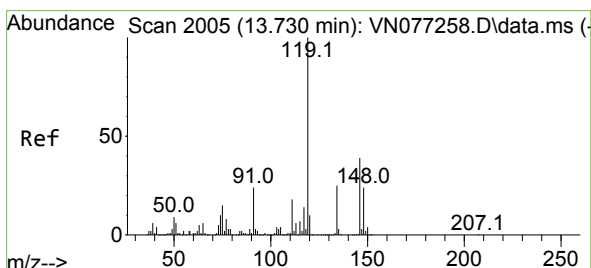
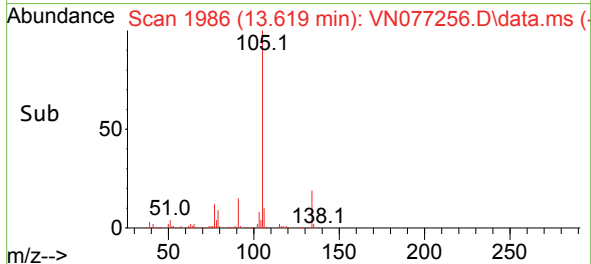
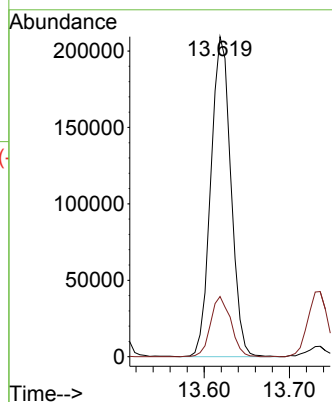
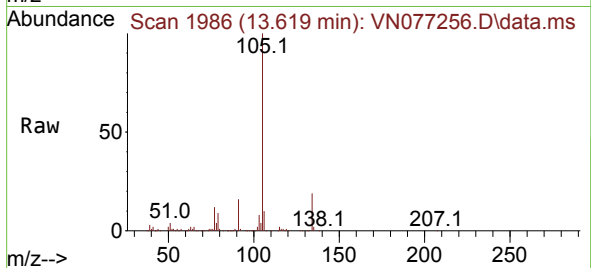
VSTDIC010

Tgt Ion:105 Resp: 342151

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 10.194 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

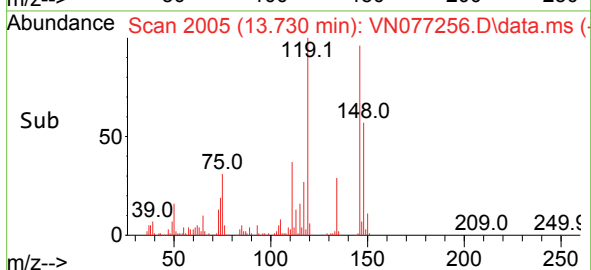
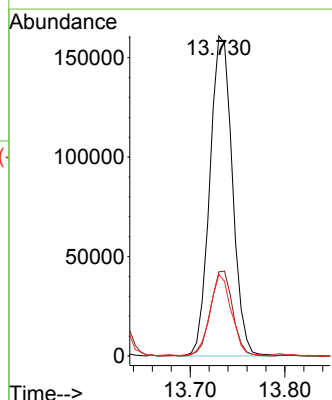
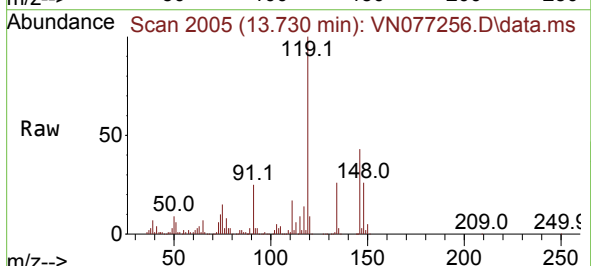
Tgt Ion:119 Resp: 266534

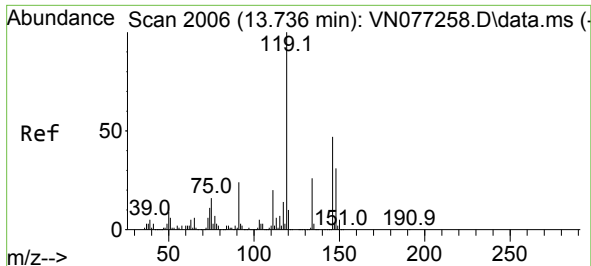
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.1 12.3 36.8

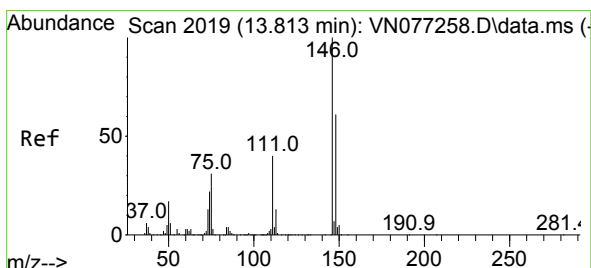
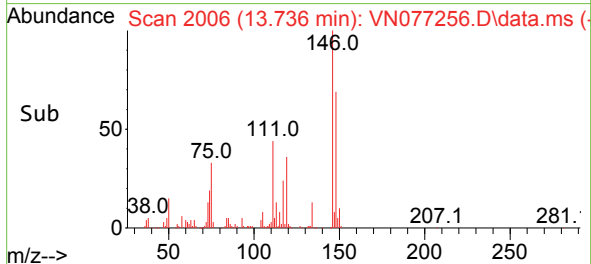
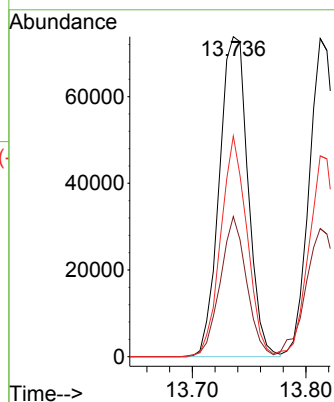
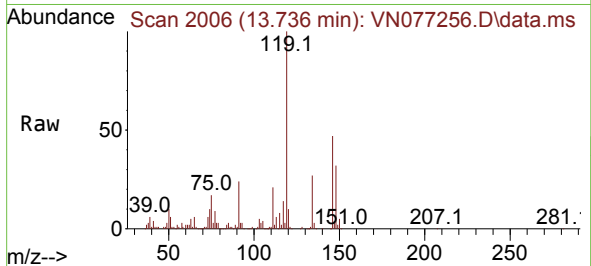




#87
1,3-Dichlorobenzene
Concen: 10.241 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

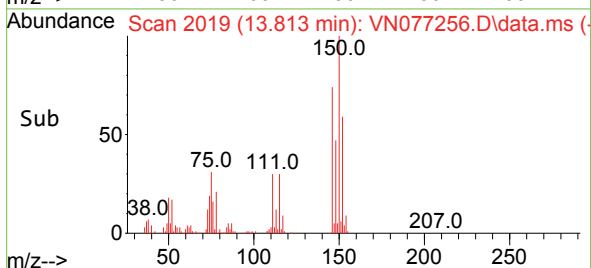
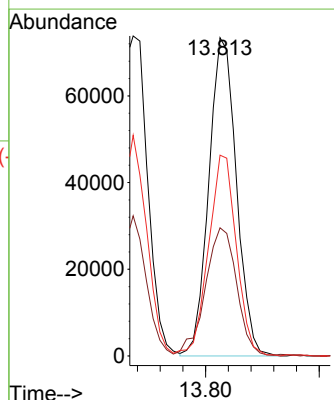
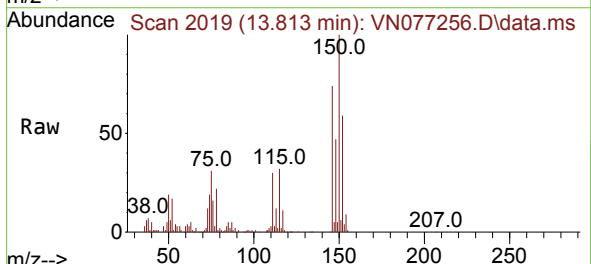
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

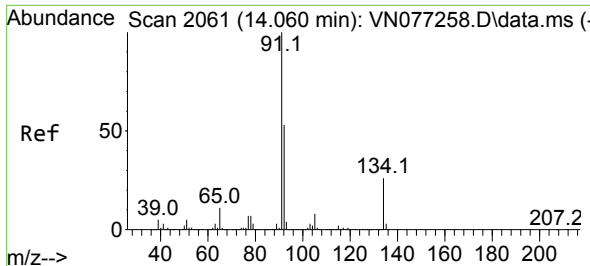
Tgt Ion:146 Resp: 129365
Ion Ratio Lower Upper
146 100
111 40.4 21.8 65.4
148 63.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 9.954 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion:146 Resp: 123999
Ion Ratio Lower Upper
146 100
111 45.1 20.4 61.2
148 63.9 31.6 95.0

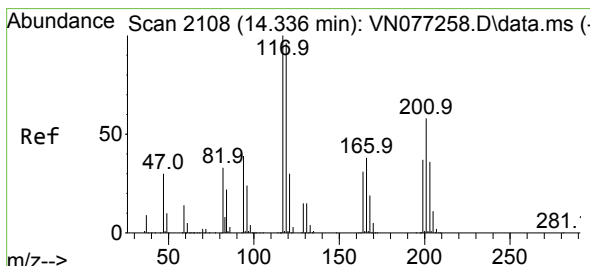
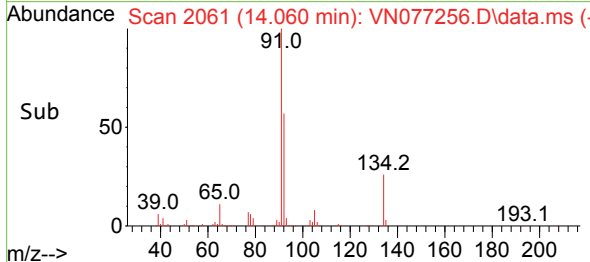
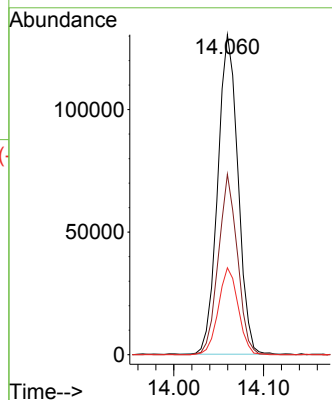
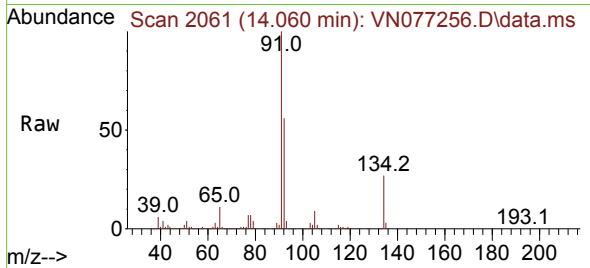




#89
n-Butylbenzene
Concen: 9.423 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

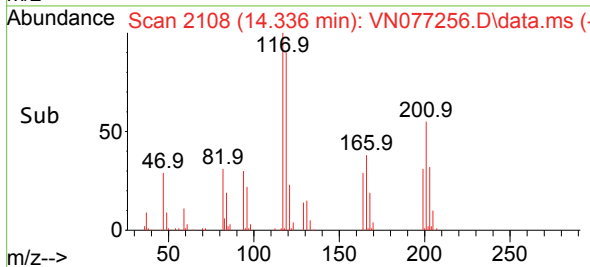
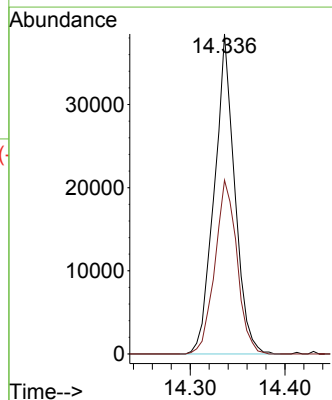
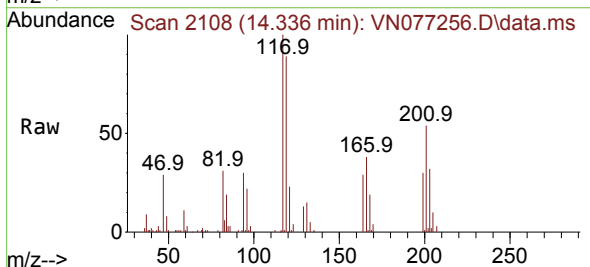
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

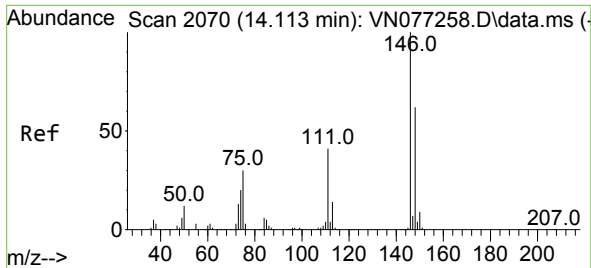
Tgt Ion: 91 Resp: 204546
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.0
134 26.6 12.8 38.3



#90
Hexachloroethane
Concen: 10.099 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 117 Resp: 57735
Ion Ratio Lower Upper
117 100
201 58.6 29.8 89.5

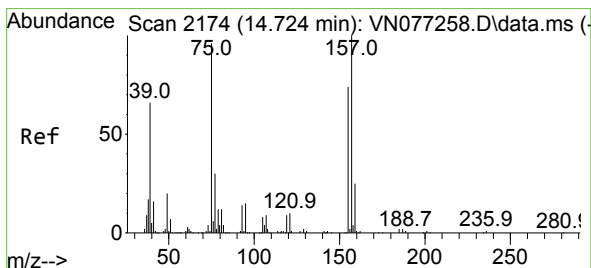
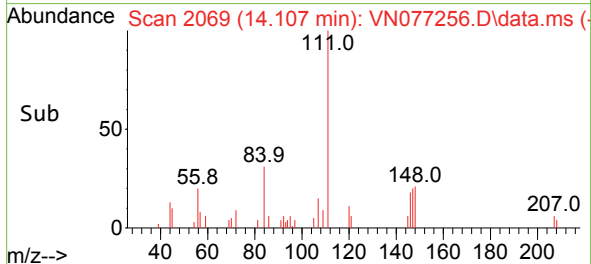
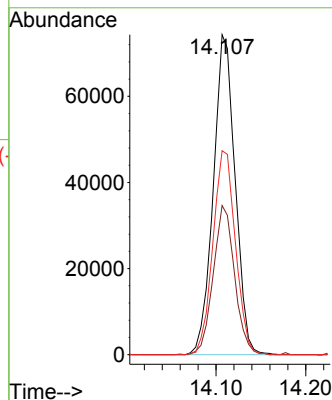
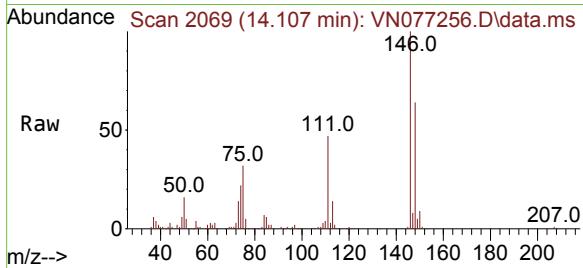




#91
1,2-Dichlorobenzene
Concen: 9.929 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

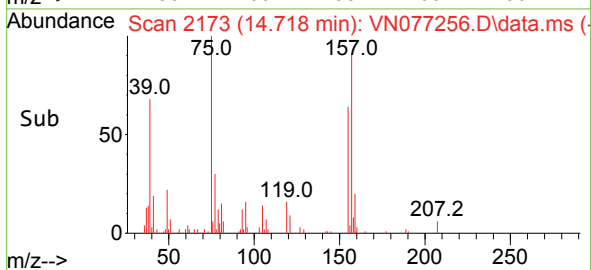
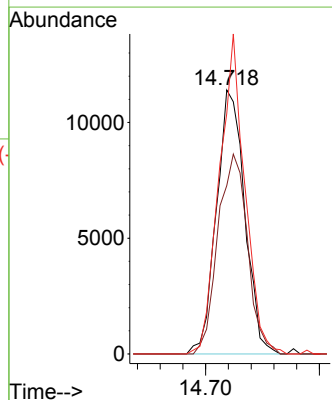
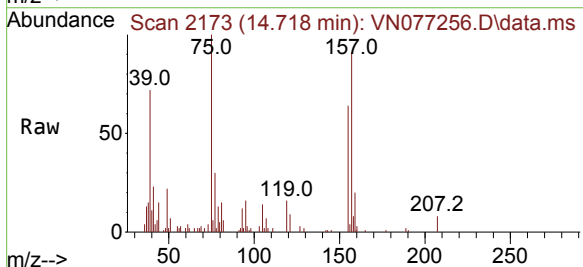
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

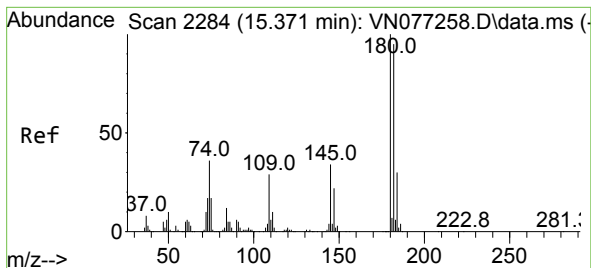
Tgt Ion:146 Resp: 125464
Ion Ratio Lower Upper
146 100
111 45.7 21.9 65.5
148 65.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.854 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077256.D
Acq: 05 Apr 2023 11:39

Tgt Ion: 75 Resp: 19679
Ion Ratio Lower Upper
75 100
155 79.2 41.0 123.2
157 109.8 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 8.646 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

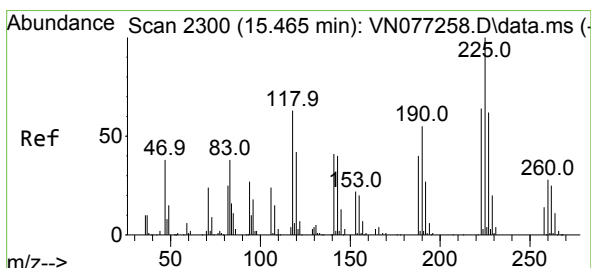
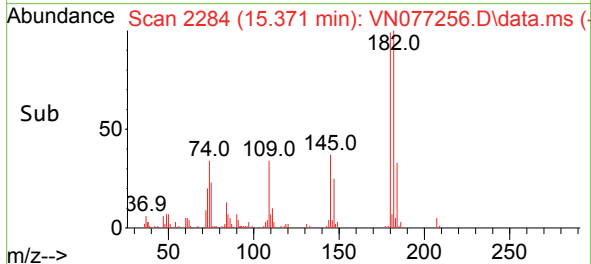
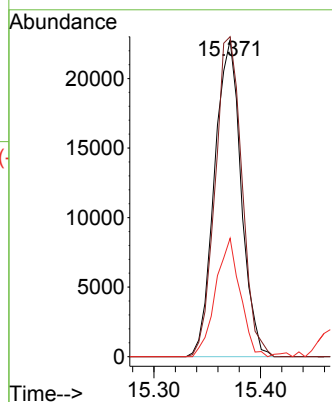
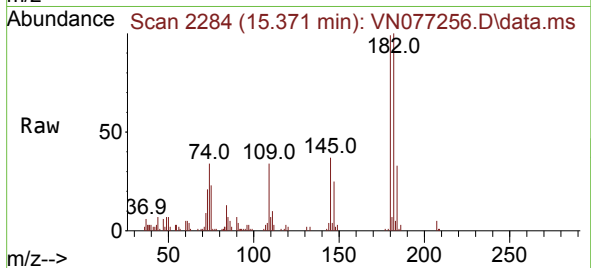
Tgt Ion:180 Resp: 39442

Ion Ratio Lower Upper

180 100

182 101.5 46.7 140.0

145 34.5 16.6 49.8



#94

Hexachlorobutadiene

Concen: 9.883 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

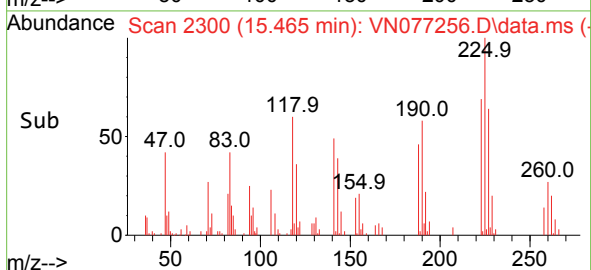
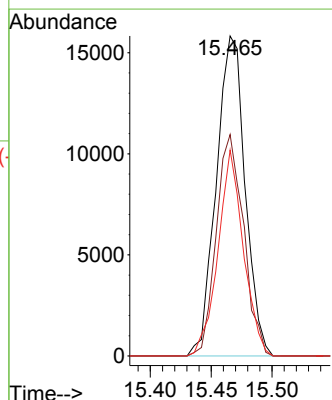
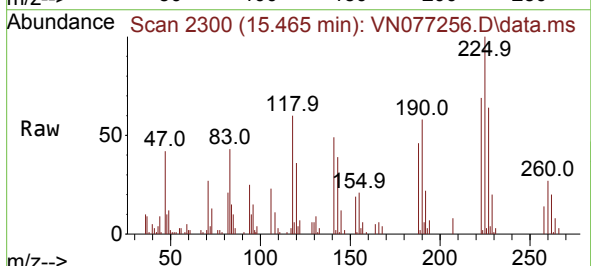
Tgt Ion:225 Resp: 26096

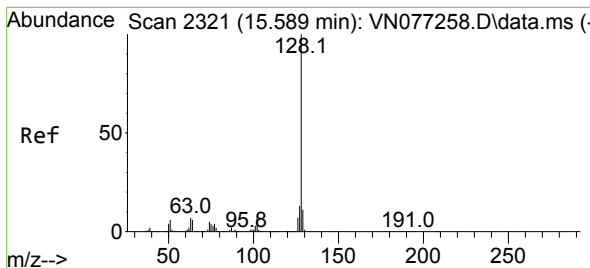
Ion Ratio Lower Upper

225 100

223 65.5 31.7 95.1

227 56.7 31.2 93.6





#95

Naphthalene

Concen: 8.747 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VN077256.D

Acq: 05 Apr 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

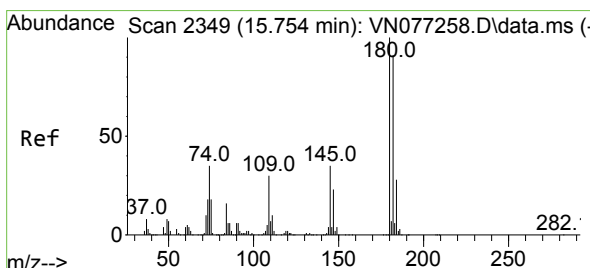
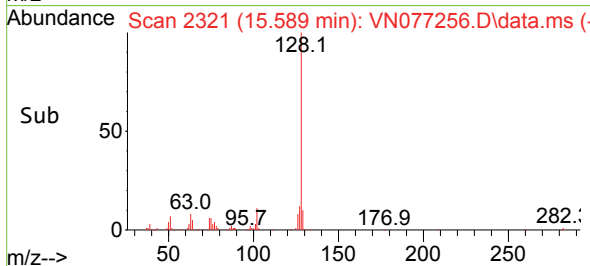
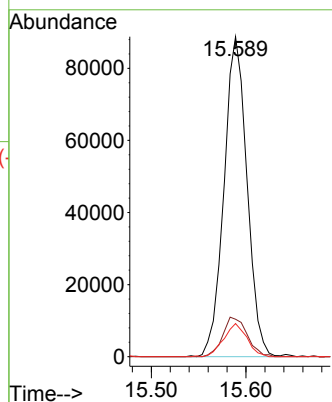
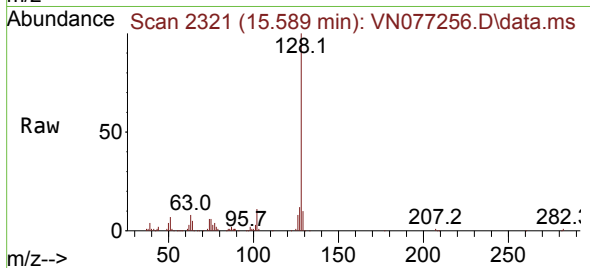
Tgt Ion:128 Resp: 149897

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 10.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 8.929 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077256.D

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Tgt Ion:180 Resp: 38960

Ion Ratio Lower Upper

180 100

182 95.6 46.9 140.8

145 36.6 17.6 52.8

