

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
 Data File : VN077285.D
 Acq On : 10 Apr 2023 10:22
 Operator : JC\MD
 Sample : VN0410WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

Quant Time: Apr 11 01:20:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	58474	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	433414	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	483628	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	148818	30.008	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.033%	
60) 4-Bromofluorobenzene	12.848	95	255003	30.493	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.633%	
63) Toluene-d8	10.566	98	503345	29.605	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	108661	19.547	ug/l	99
3) Chloromethane	2.372	50	132384	17.925	ug/l	97
4) Vinyl Chloride	2.525	62	184528	17.444	ug/l	98
5) Bromomethane	2.954	94	135731	17.028	ug/l	94
6) Chloroethane	3.125	64	126282	17.810	ug/l	97
7) Trichlorofluoromethane	3.507	101	187295	19.015	ug/l	100
8) Diethyl Ether	3.972	74	84576	20.146	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	118529	19.244	ug/l	97
10) 1,1-Dichloroethene	4.348	96	117245	19.028	ug/l	95
11) Methyl Iodide	4.601	142	146248	21.009	ug/l	99
12) Methyl Acetate	5.031	43	172075	18.745	ug/l	91
13) Acrolein	4.184	56	114405	100.402	ug/l	99
14) Acrylonitrile	5.725	53	293649	93.582	ug/l	100
15) Acetone	4.431	58	98192	86.256	ug/l	98
16) Carbon Disulfide	4.725	76	302773	18.617	ug/l #	95
17) Allyl chloride	5.037	41	148313	18.699	ug/l	88
18) Methylene Chloride	5.284	84	140222	19.597	ug/l	97
19) trans-1,2-Dichloroethene	5.789	96	132988	19.850	ug/l	91
20) Diisopropyl ether	6.678	45	364527	19.283	ug/l	99
21) 1,1-Dichloroethane	6.578	63	243469	20.319	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	164588	20.152	ug/l	98
23) tert-Butyl Alcohol	5.531	59	126273	90.501	ug/l	100
24) Methyl tert-Butyl Ether	5.807	73	446519	20.129	ug/l	100
25) Chloroform	7.966	83	254606	19.607	ug/l	99
26) Cyclohexane	8.260	56	196296	18.853	ug/l #	100
29) 1,1-Dichloropropene	8.378	75	183929	19.590	ug/l	96
30) 2-Butanone	7.489	43	393811	88.698	ug/l	98
31) 2,2-Dichloropropane	7.495	77	229966	19.952	ug/l	100
32) 1,1,1-Trichloroethane	8.178	97	226756	19.625	ug/l	99
33) Carbon Tetrachloride	8.360	117	197552	20.032	ug/l	91
34) Benzene	8.607	78	584783	20.130	ug/l	99
35) Methacrylonitrile	7.783	41	80809	19.321	ug/l	96
36) 1,2-Dichloroethane	8.672	62	191261	20.999	ug/l	100
37) Trichloroethene	9.354	130	141799	19.955	ug/l	97
38) Methylcyclohexane	9.601	83	256181	20.118	ug/l	98
39) 1,2-Dichloropropane	9.619	63	149118	20.677	ug/l	97
40) Dibromomethane	9.707	93	104019	20.018	ug/l	98
41) Bromodichloromethane	9.889	83	217294	20.972	ug/l	98
42) Vinyl Acetate	6.607	43	1264759	98.425	ug/l #	100

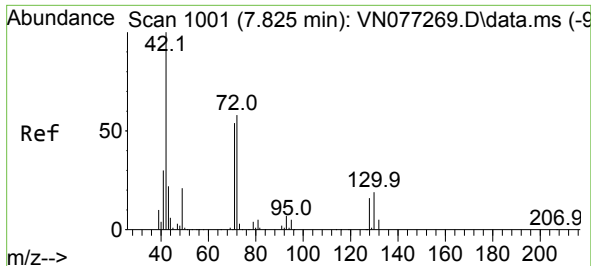
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041023\
 Data File : VN077285.D
 Acq On : 10 Apr 2023 10:22
 Operator : JC\MD
 Sample : VN0410WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

Quant Time: Apr 11 01:20:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	145553	17.719	ug/l	99
44) Isopropyl Acetate	8.689	43	285763	19.430	ug/l #	100
45) 1,4-Dioxane	9.695	88	59167	381.446	ug/l #	94
46) Methyl methacrylate	9.683	41	121990	19.265	ug/l	97
47) n-amyl Acetate	12.495	43	245169	19.075	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	239410	20.646	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	254411	20.623	ug/l	95
50) 1,1,2-Trichloroethane	11.019	97	153652	20.358	ug/l	99
51) Ethyl methacrylate	10.877	69	238612	20.587	ug/l	98
52) 1,3-Dichloropropane	11.166	76	259993	20.640	ug/l	100
53) Dibromochloromethane	11.360	129	160720	20.204	ug/l	94
54) 1,2-Dibromoethane	11.471	107	156849	20.701	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	295688	82.629	ug/l	99
56) Bromoform	12.583	173	108325	20.272	ug/l	100
58) 4-Methyl-2-Pentanone	10.448	43	846511	93.484	ug/l	100
59) 2-Hexanone	11.195	43	625638	89.385	ug/l	99
61) Tetrachloroethene	11.107	164	114299	19.870	ug/l	95
62) Toluene	10.630	91	660987	19.588	ug/l	99
64) Chlorobenzene	11.895	112	408306	19.917	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	155540	20.632	ug/l	99
66) Ethyl Benzene	11.966	91	744717	19.921	ug/l	99
67) m/p-Xylenes	12.071	106	581080	39.655	ug/l	99
68) o-Xylene	12.401	106	285679	19.488	ug/l	97
69) Styrene	12.413	104	473089	20.143	ug/l	99
70) Isopropylbenzene	12.695	105	741799	19.939	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.936	83	220338	19.340	ug/l	100
72) 1,2,3-Trichloropropane	12.995	75	274855	35.491	ug/l	42
73) Bromobenzene	12.983	156	153906	20.362	ug/l	97
74) n-propylbenzene	13.036	91	824673	20.034	ug/l	99
75) 2-Chlorotoluene	13.130	91	489120	19.835	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	603346	19.926	ug/l	97
77) t-1,4-Dichloro-2-butene	12.736	75	75220	19.069	ug/l	95
78) 4-Chlorotoluene	13.224	91	461187	19.793	ug/l	98
79) tert-butylbenzene	13.442	119	530334	20.124	ug/l	100
80) 1,2,4-Trimethylbenzene	13.483	105	581883	19.713	ug/l	100
81) sec-Butylbenzene	13.618	105	747020	19.848	ug/l	100
82) p-Isopropyltoluene	13.730	119	601526	19.949	ug/l	100
83) 1,3-Dichlorobenzene	13.736	146	283915	19.811	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	273510	19.671	ug/l	98
85) n-Butylbenzene	14.060	91	484832	19.458	ug/l	99
86) Hexachloroethane	14.336	117	126179	19.672	ug/l	100
87) 1,2-Dichlorobenzene	14.107	146	283877	20.216	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	38397	17.588	ug/l	98
89) 1,2,4-Trichlorobenzene	15.365	180	93292	16.890	ug/l	99
90) Hexachlorobutadiene	15.465	225	58155	20.529	ug/l	97
91) Naphthalene	15.589	128	347610	16.473	ug/l	99
92) 1,2,3-Trichlorobenzene	15.754	180	90799	16.847	ug/l	95

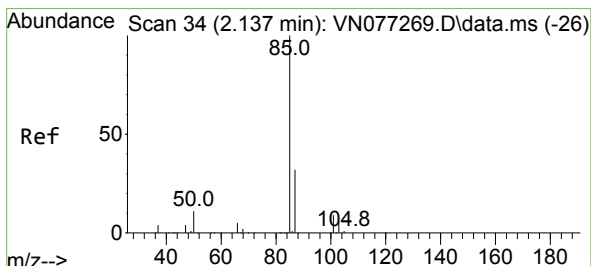
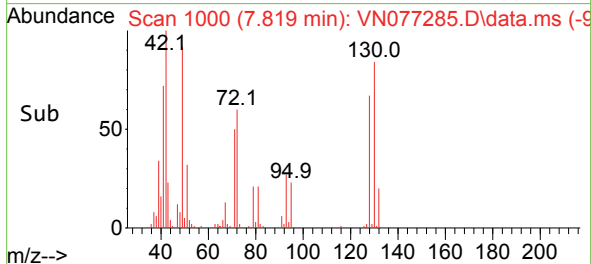
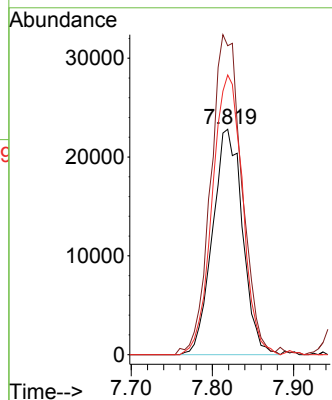
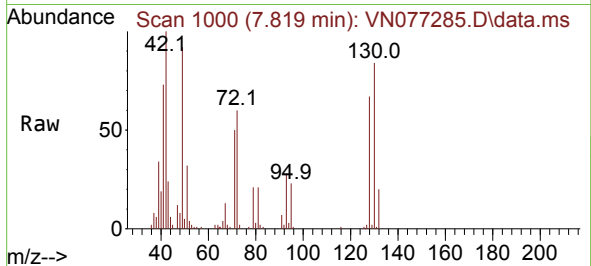
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

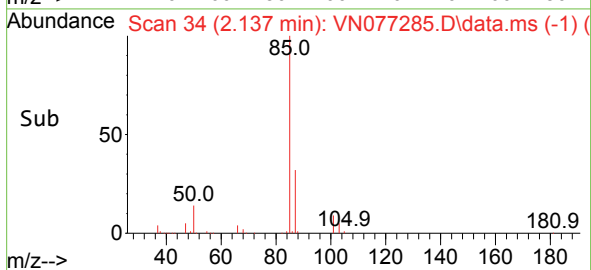
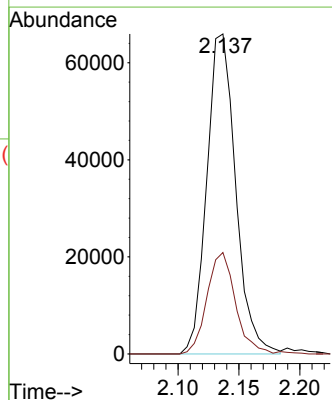
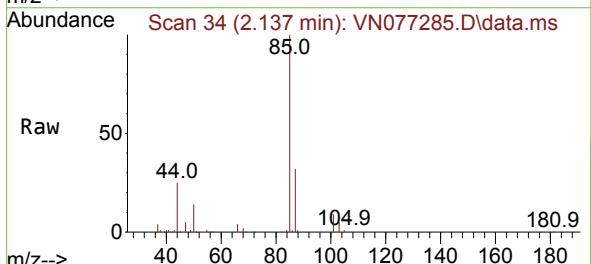
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

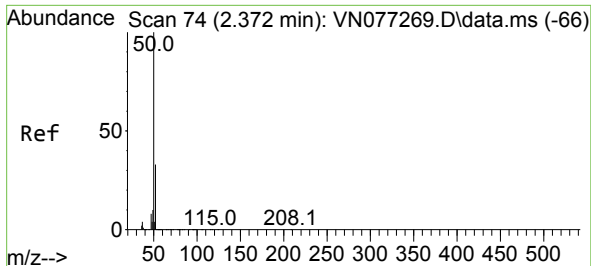
Tgt Ion:128 Resp: 58474
Ion Ratio Lower Upper
128 100
49 147.3 0.0 379.5
130 125.4 0.0 322.8



#2
Dichlorodifluoromethane
Concen: 19.547 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 85 Resp: 108661
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.6

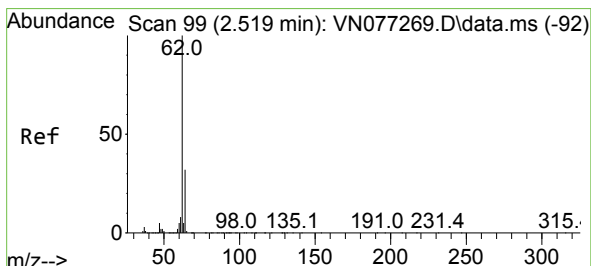
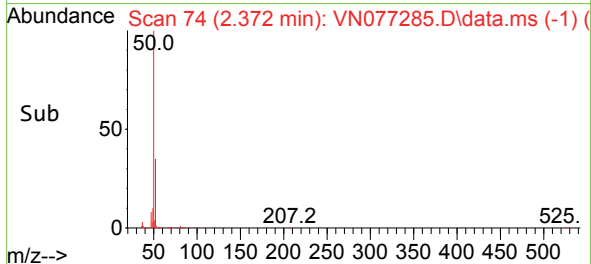
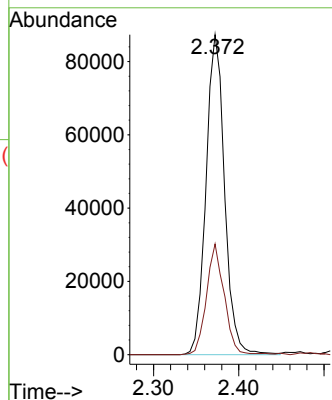
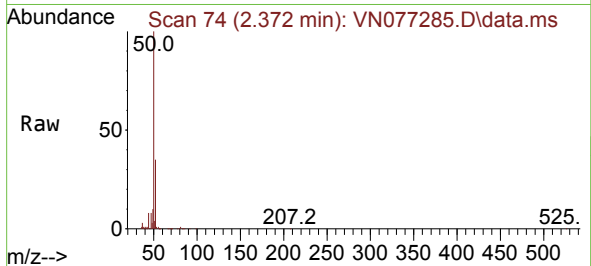




#3
Chloromethane
Concen: 17.925 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

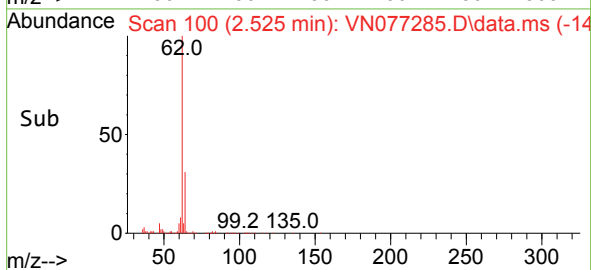
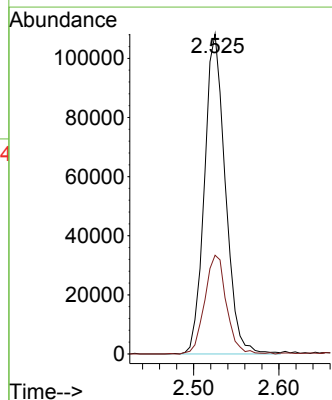
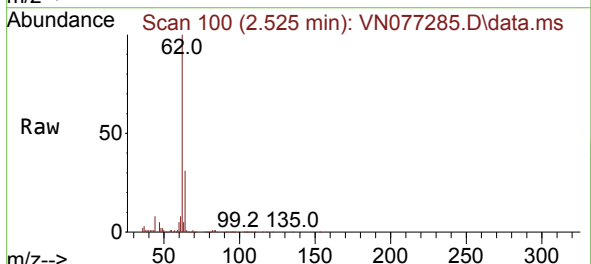
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

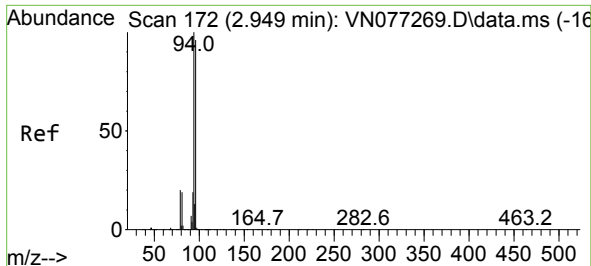
Tgt Ion: 50 Resp: 132384
Ion Ratio Lower Upper
50 100
52 34.6 26.4 39.6



#4
Vinyl Chloride
Concen: 17.444 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 62 Resp: 184528
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0

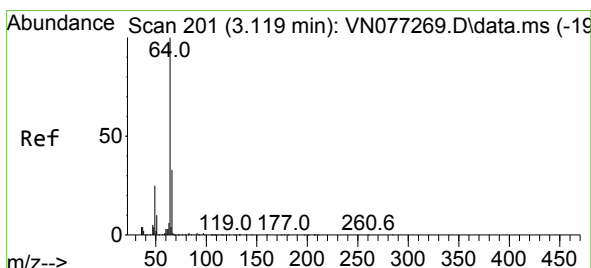
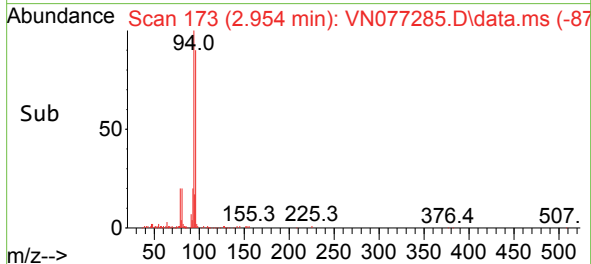
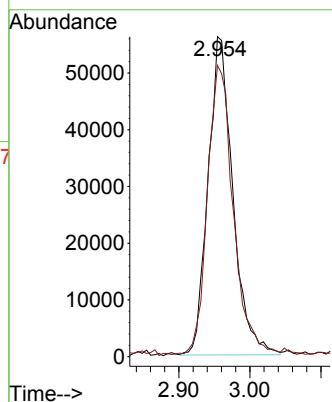
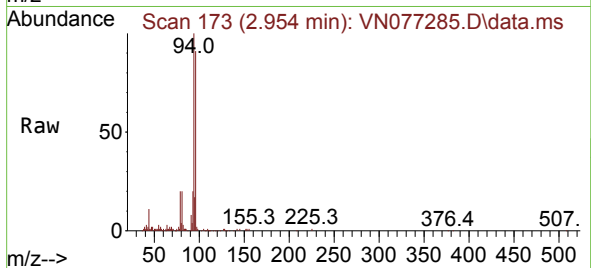




#5
Bromomethane
Concen: 17.028 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

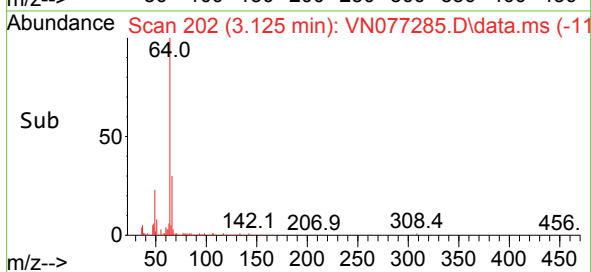
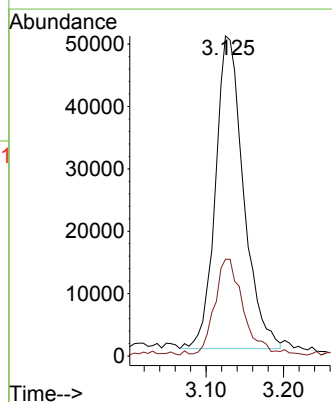
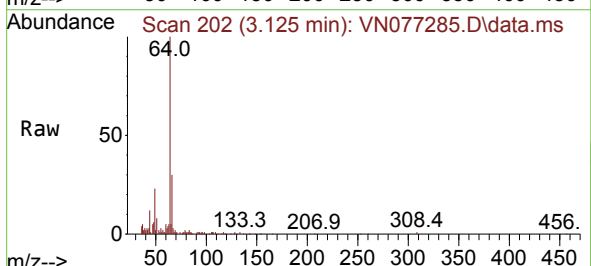
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

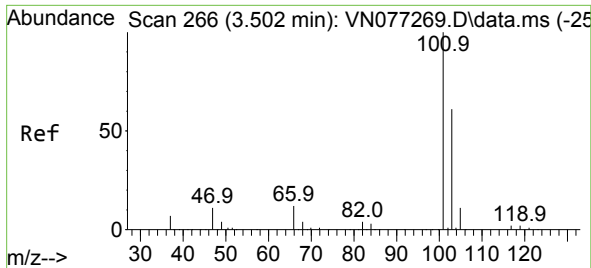
Tgt Ion: 94 Resp: 135731
Ion Ratio Lower Upper
94 100
96 90.5 77.0 115.6



#6
Chloroethane
Concen: 17.810 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 64 Resp: 126282
Ion Ratio Lower Upper
64 100
66 30.6 25.7 38.5

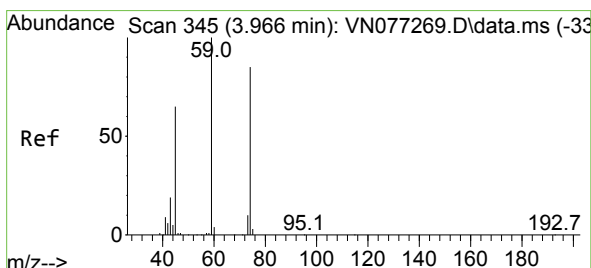
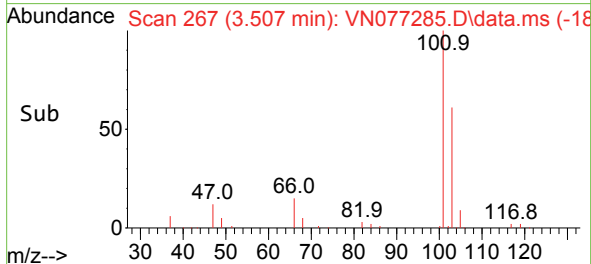
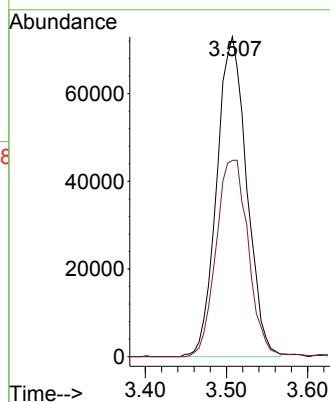
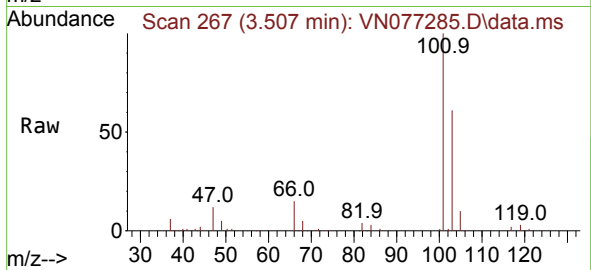




#7
 Trichlorofluoromethane
 Concen: 19.015 ug/l
 RT: 3.507 min Scan# 2
 Delta R.T. 0.005 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

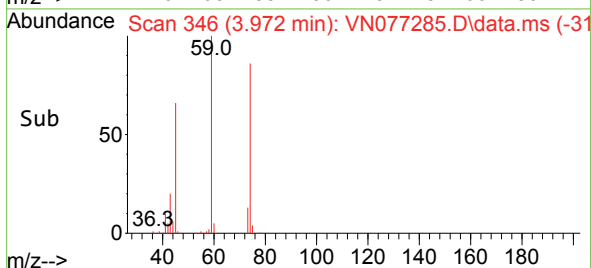
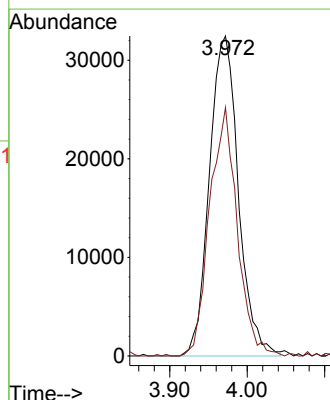
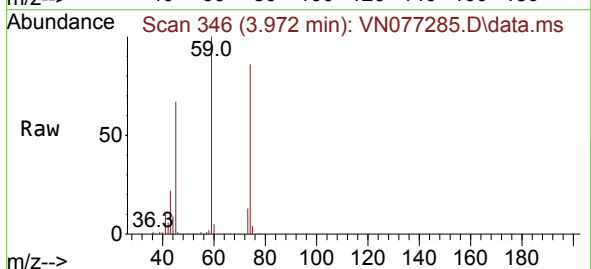
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

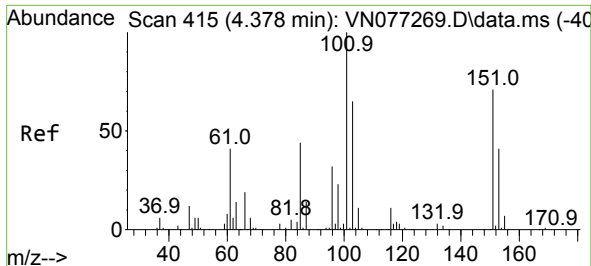
Tgt Ion:101 Resp: 187295
 Ion Ratio Lower Upper
 101 100
 103 61.4 48.9 73.3



#8
 Diethyl Ether
 Concen: 20.146 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Tgt Ion: 74 Resp: 84576
 Ion Ratio Lower Upper
 74 100
 45 73.7 14.8 133.6

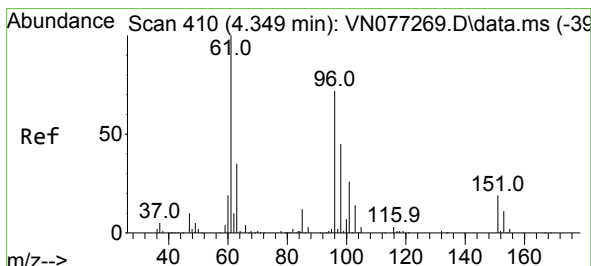
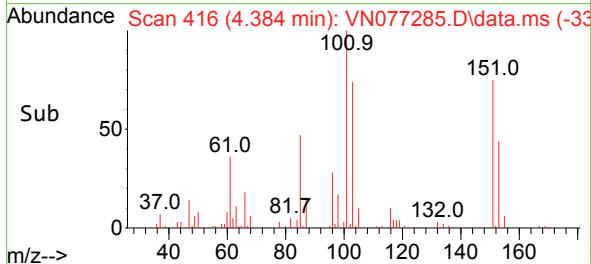
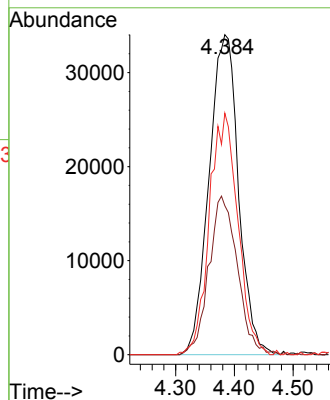
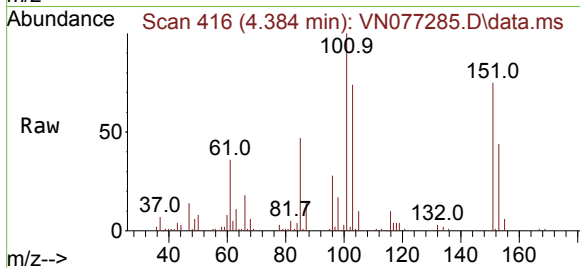




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.244 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

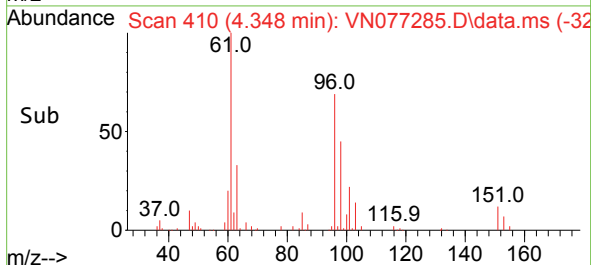
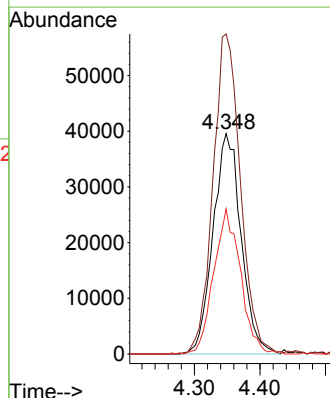
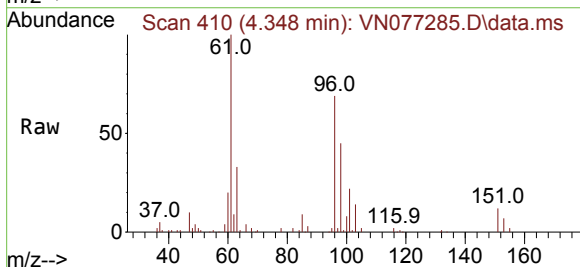
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

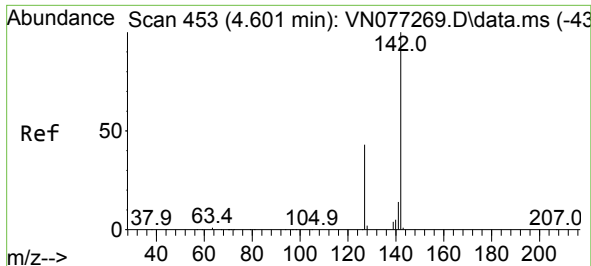
Tgt Ion:101 Resp: 118529
Ion Ratio Lower Upper
101 100
85 47.7 0.0 89.6
151 72.9 0.0 141.6



#10
1,1-Dichloroethene
Concen: 19.028 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.001 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 96 Resp: 117245
Ion Ratio Lower Upper
96 100
61 145.2 110.7 166.1
98 65.3 49.6 74.4

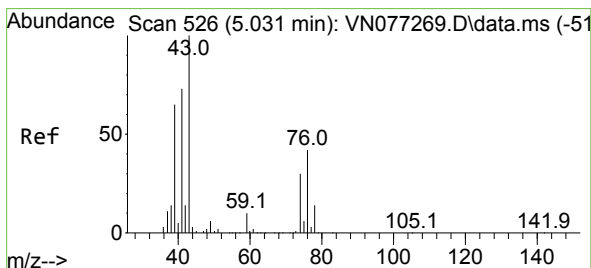
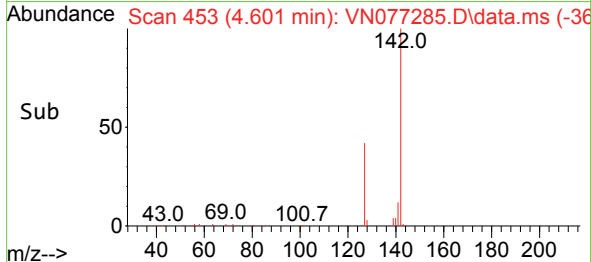
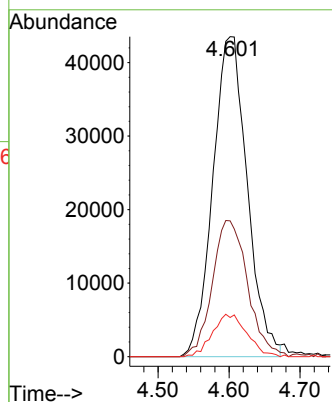
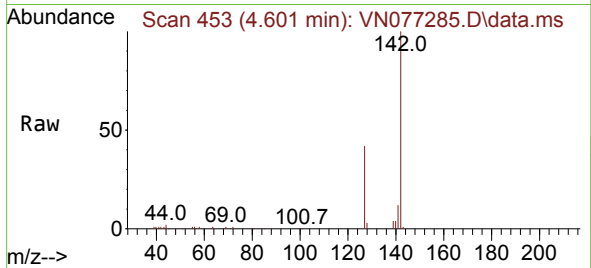




#11
Methyl Iodide
Concen: 21.009 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

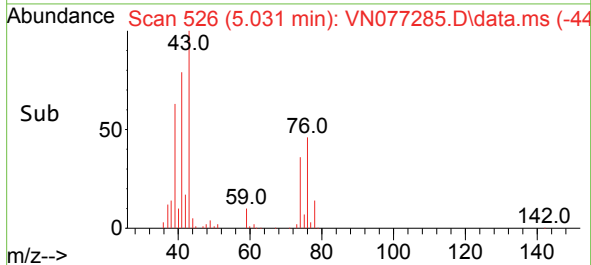
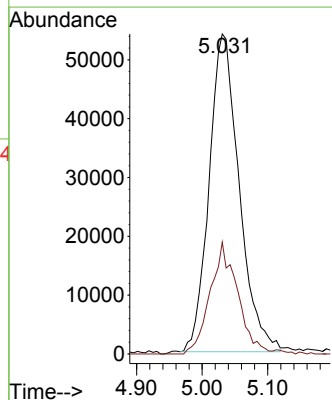
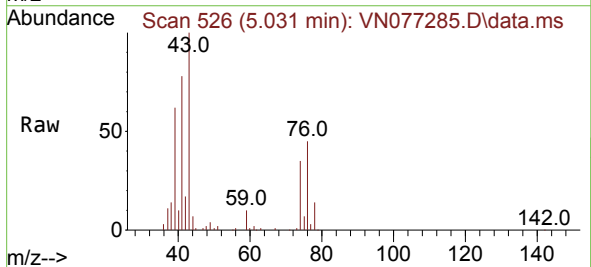
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

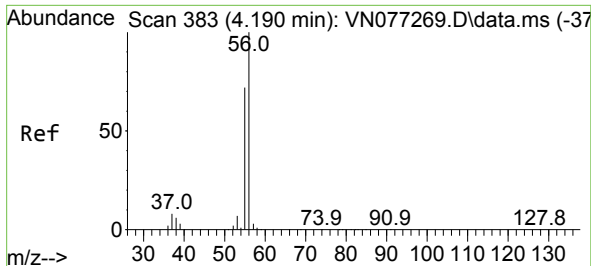
Tgt Ion:142 Resp: 146248
Ion Ratio Lower Upper
142 100
127 42.5 21.3 63.7
141 12.5 7.0 20.9



#12
Methyl Acetate
Concen: 18.745 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 43 Resp: 172075
Ion Ratio Lower Upper
43 100
74 34.8 24.2 36.2

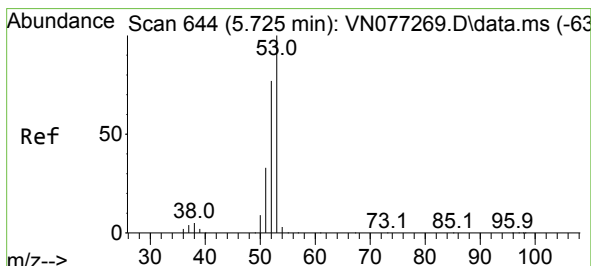
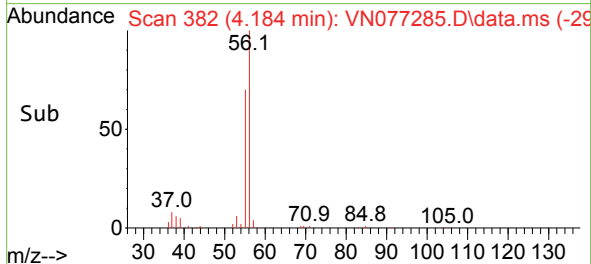
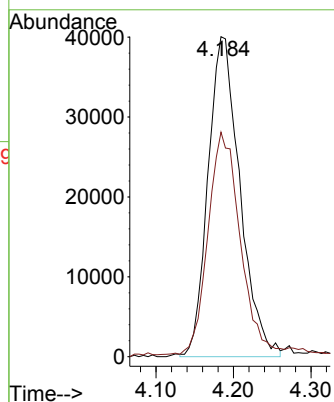
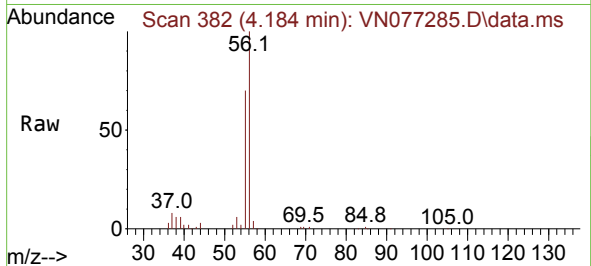




#13
Acrolein
Concen: 100.402 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

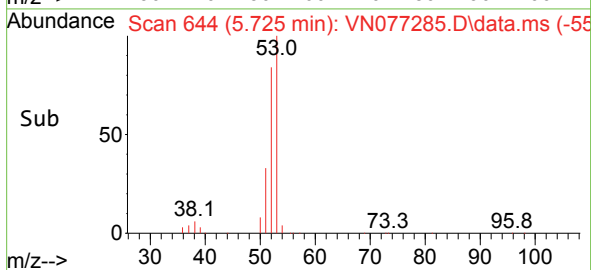
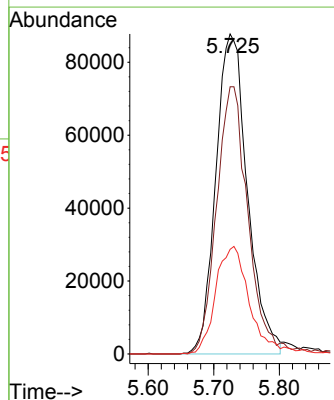
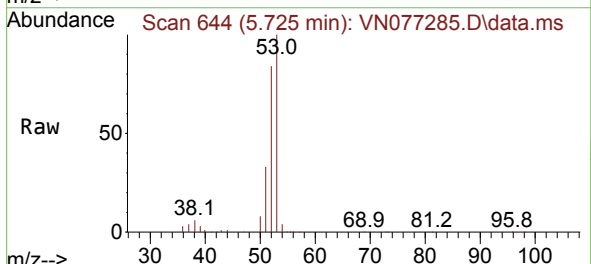
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

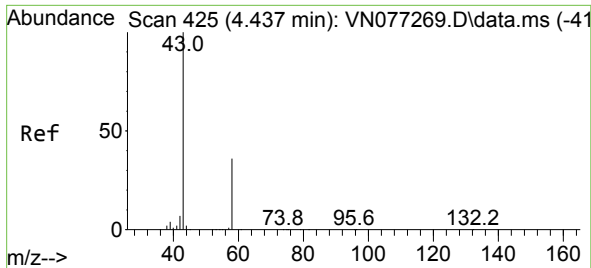
Tgt Ion: 56 Resp: 114405
Ion Ratio Lower Upper
56 100
55 69.6 55.2 82.8



#14
Acrylonitrile
Concen: 93.582 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 53 Resp: 293649
Ion Ratio Lower Upper
53 100
52 81.5 41.0 123.0
51 35.2 17.7 53.1

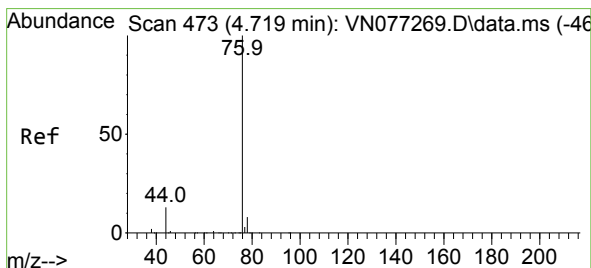
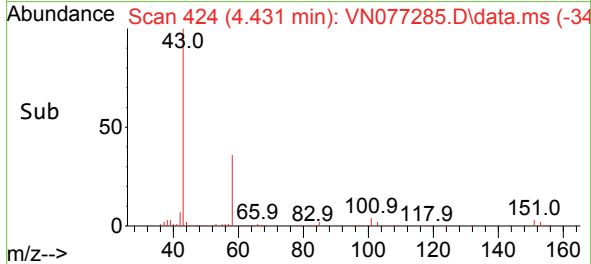
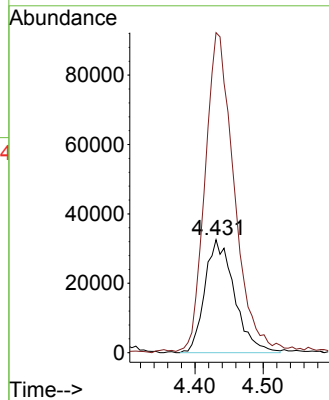
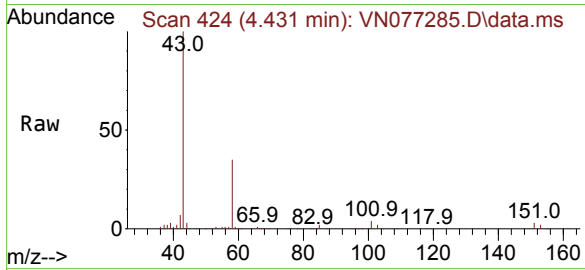




#15
Acetone
Concen: 86.256 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

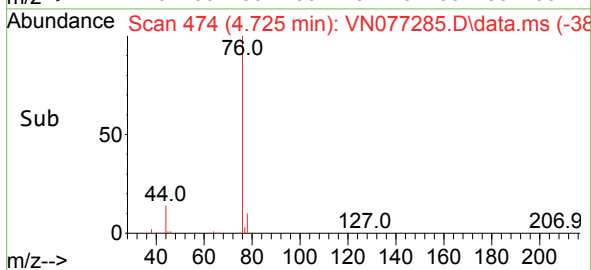
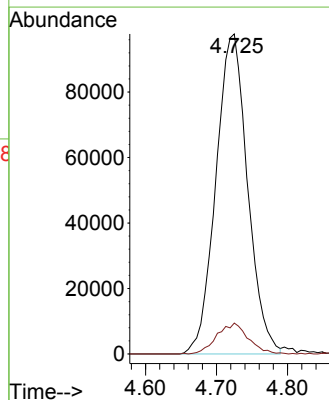
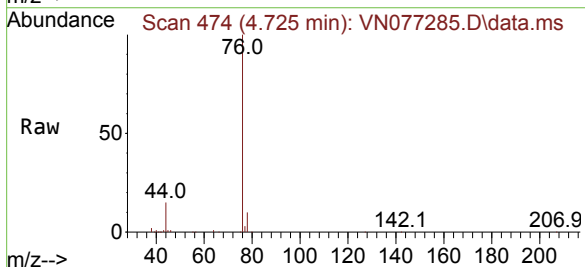
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

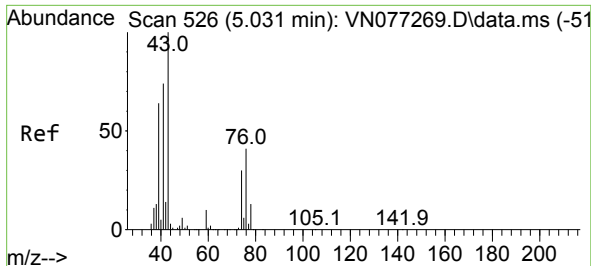
Tgt Ion: 58 Resp: 98192
Ion Ratio Lower Upper
58 100
43 280.6 220.9 331.3



#16
Carbon Disulfide
Concen: 18.617 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 76 Resp: 302773
Ion Ratio Lower Upper
76 100
78 9.7 6.3 9.5#

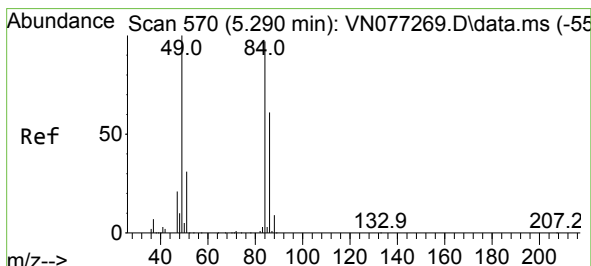
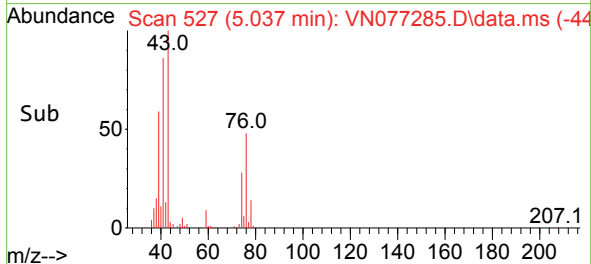
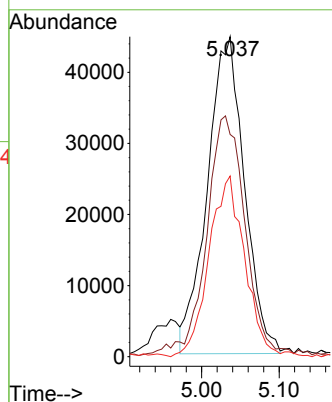
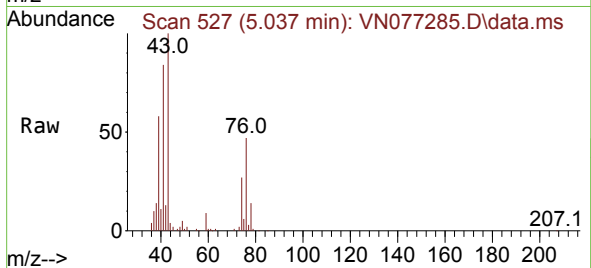




#17
 Allyl chloride
 Concen: 18.699 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

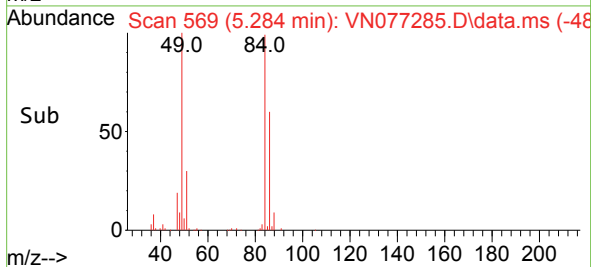
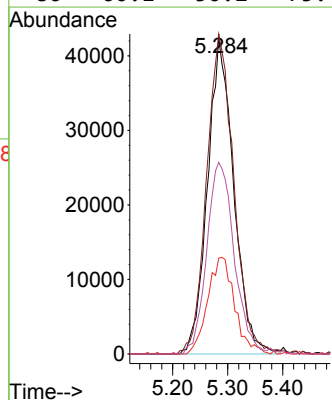
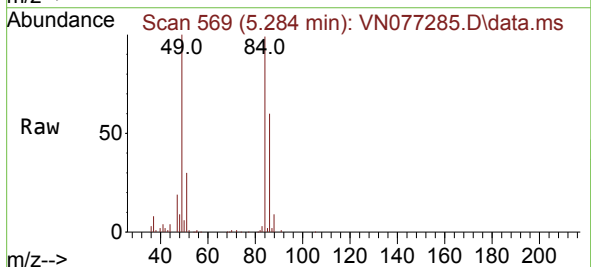
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

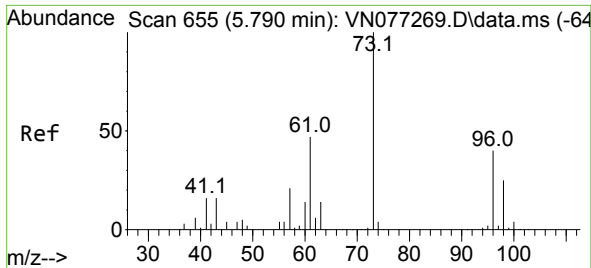
Tgt Ion: 41 Resp: 148313
 Ion Ratio Lower Upper
 41 100
 39 68.1 40.3 120.9
 76 56.5 25.3 75.8



#18
 Methylene Chloride
 Concen: 19.597 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Tgt Ion: 84 Resp: 140222
 Ion Ratio Lower Upper
 84 100
 49 100.1 82.7 124.1
 51 30.3 25.6 38.4
 86 60.1 50.2 75.4

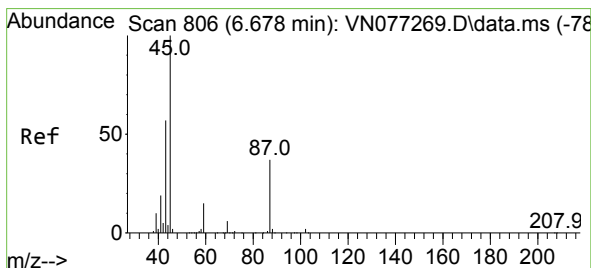
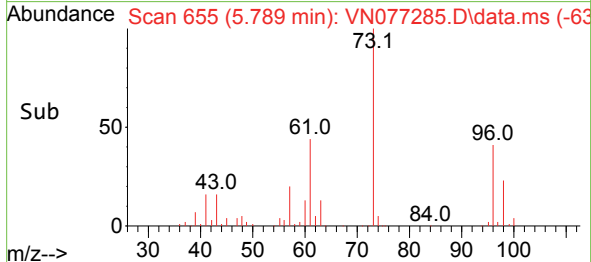
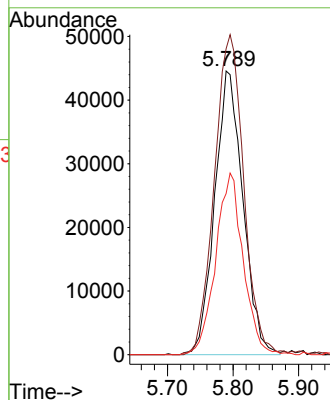
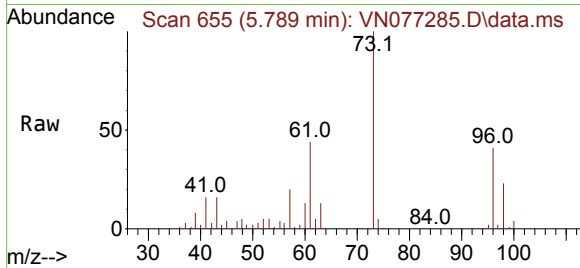




#19
trans-1,2-Dichloroethene
Concen: 19.850 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.001 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

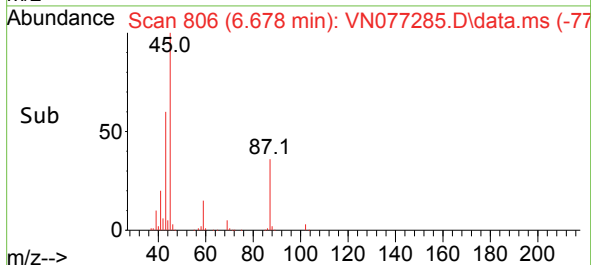
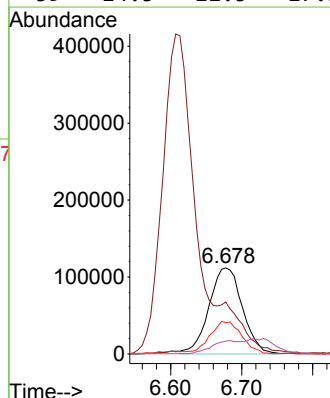
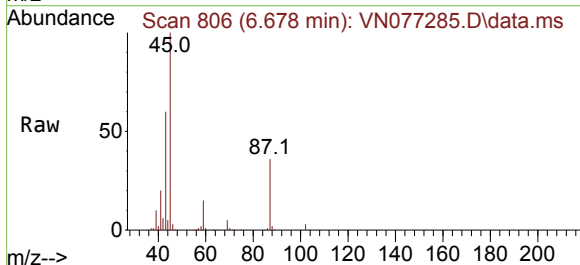
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

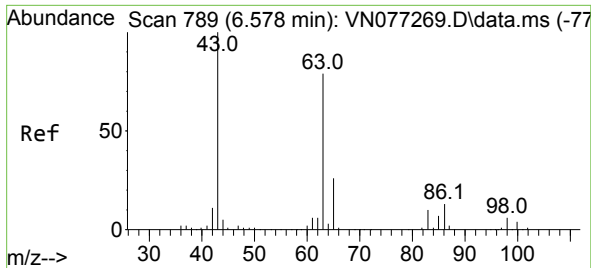
Tgt Ion: 96 Resp: 132988
Ion Ratio Lower Upper
96 100
61 107.8 94.5 141.7
98 56.8 49.8 74.8



#20
Diisopropyl ether
Concen: 19.283 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 45 Resp: 364527
Ion Ratio Lower Upper
45 100
43 57.2 45.9 68.9
87 36.2 30.1 45.1
59 14.5 11.5 17.3

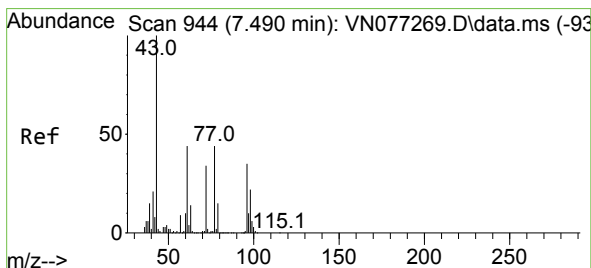
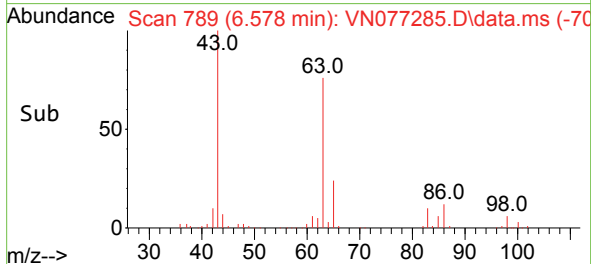
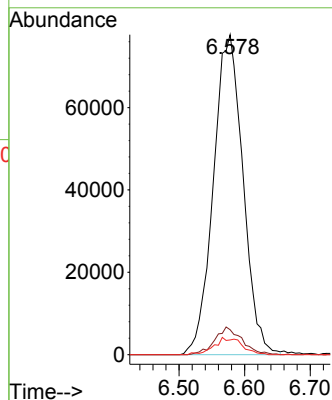
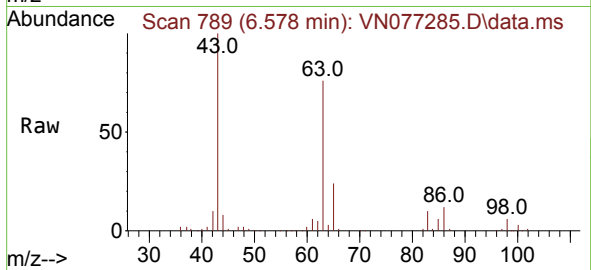




#21
1,1-Dichloroethane
Concen: 20.319 ug/l
RT: 6.578 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

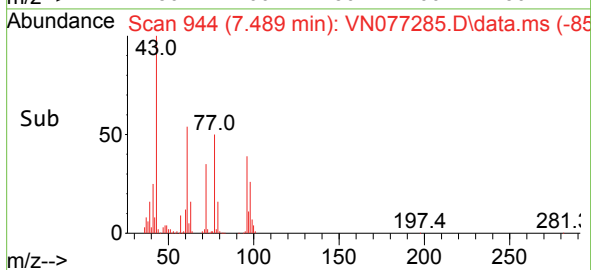
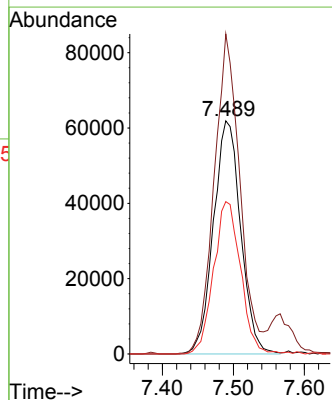
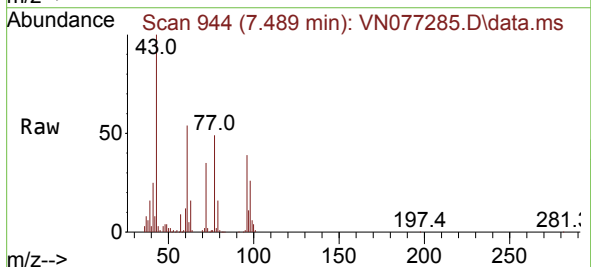
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

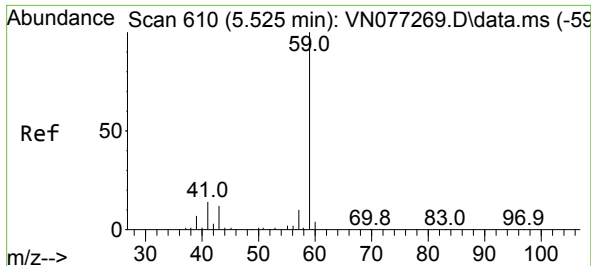
Tgt Ion: 63 Resp: 243469
Ion Ratio Lower Upper
63 100
98 8.3 3.9 11.7
100 4.6 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 20.152 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 96 Resp: 164588
Ion Ratio Lower Upper
96 100
61 129.5 105.5 158.3
98 64.2 51.8 77.6

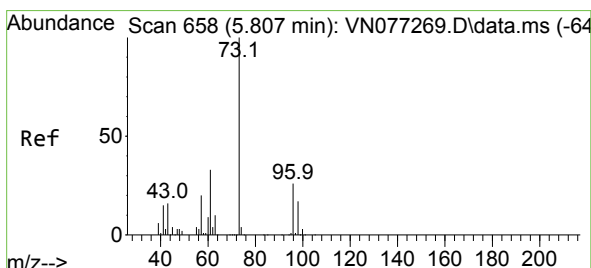
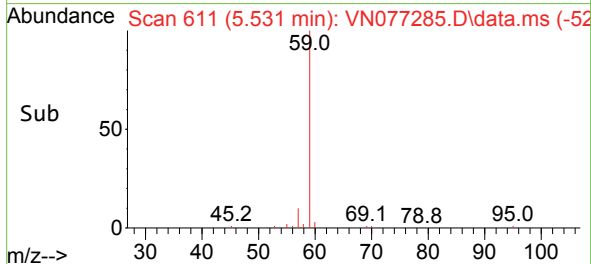
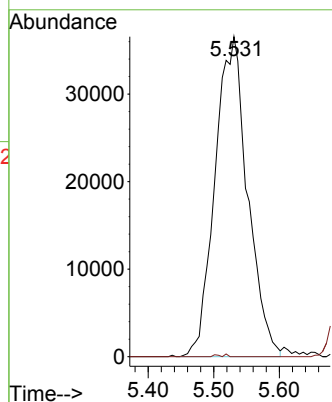
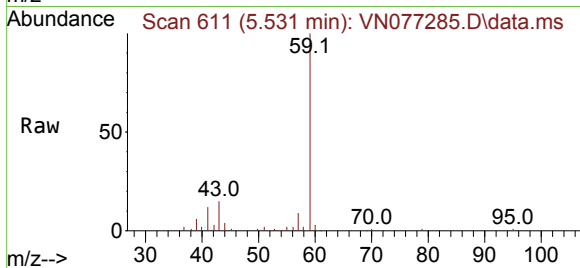




#23
tert-Butyl Alcohol
Concen: 90.501 ug/l
RT: 5.531 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

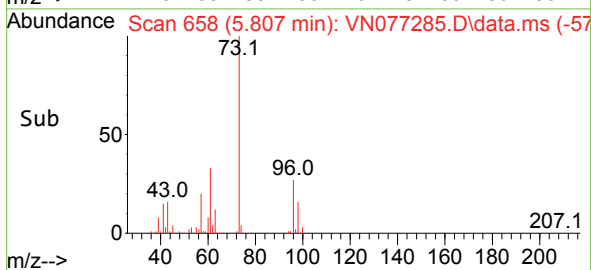
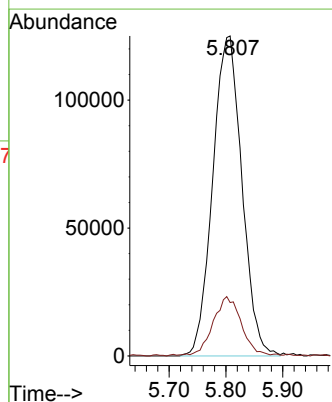
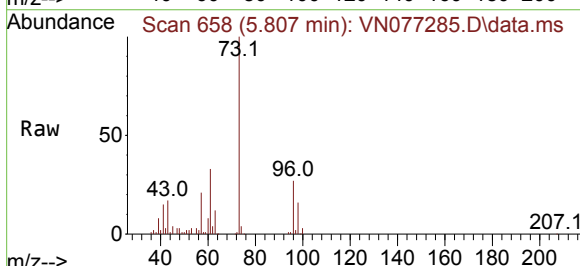
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

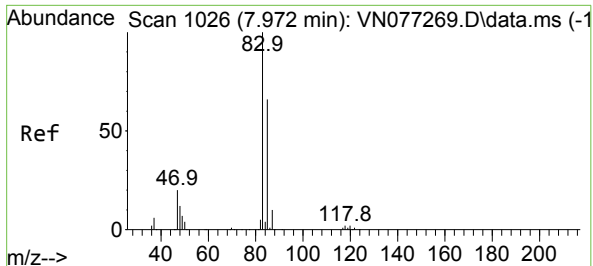
Tgt Ion: 59 Resp: 126273
Ion Ratio Lower Upper
59 100
52 0.1 0.1 0.1



#24
Methyl tert-Butyl Ether
Concen: 20.129 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 73 Resp: 446519
Ion Ratio Lower Upper
73 100
43 17.0 13.5 20.3

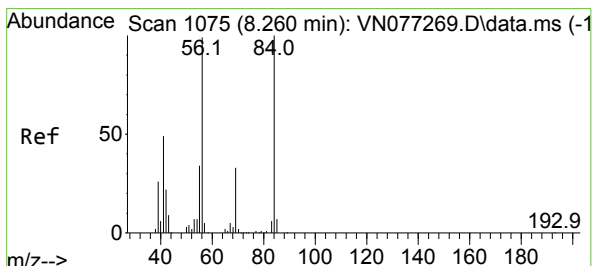
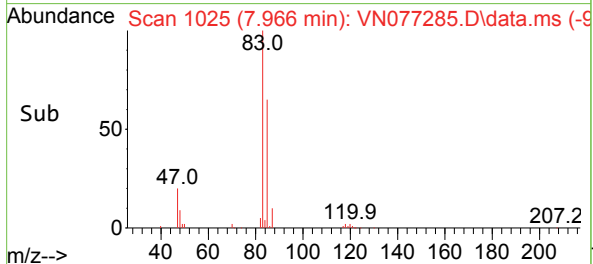
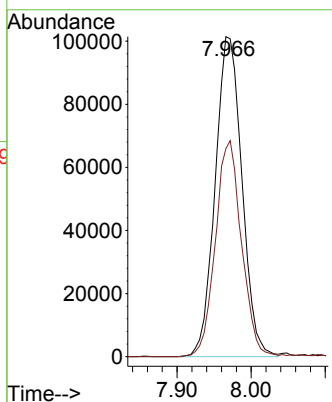
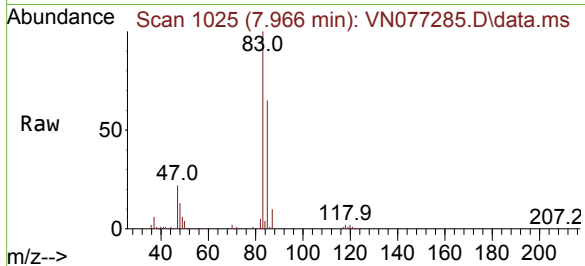




#25
Chloroform
Concen: 19.607 ug/l
RT: 7.966 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

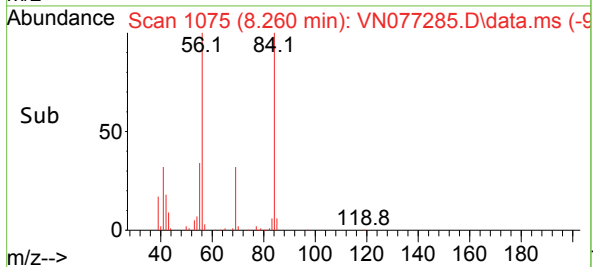
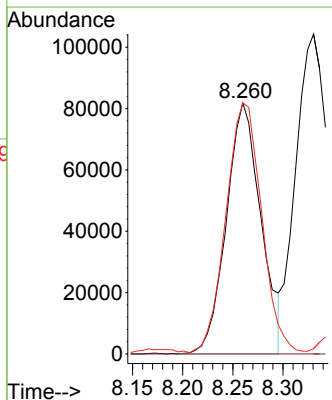
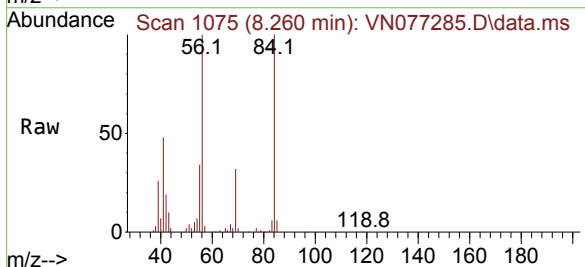
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

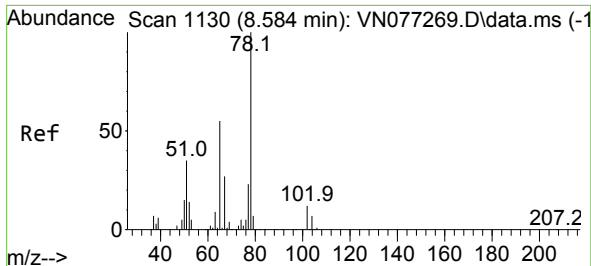
Tgt Ion: 83 Resp: 254606
Ion Ratio Lower Upper
83 100
85 65.0 52.9 79.3



#26
Cyclohexane
Concen: 18.853 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 56 Resp: 196296
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 103.0 82.6 123.8





#27

1,2-Dichloroethane-d4

Concen: 30.008 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

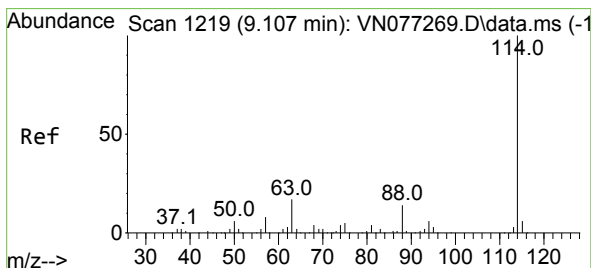
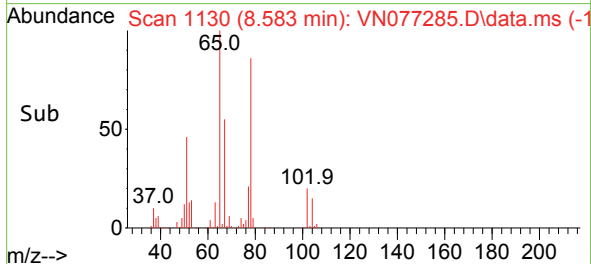
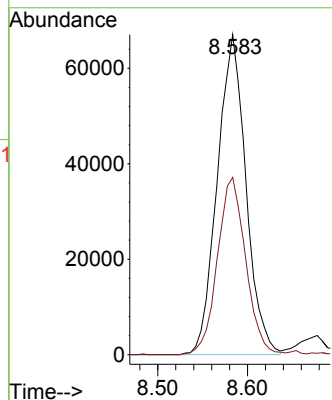
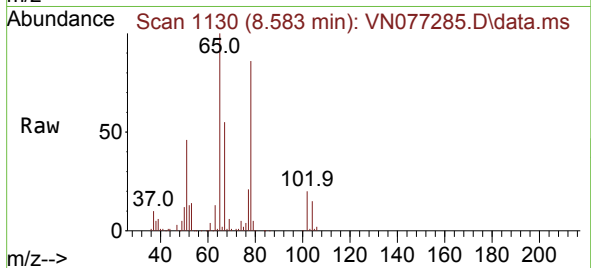
VN0410WBS01

Tgt Ion: 65 Resp: 148818

Ion Ratio Lower Upper

65 100

67 54.6 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

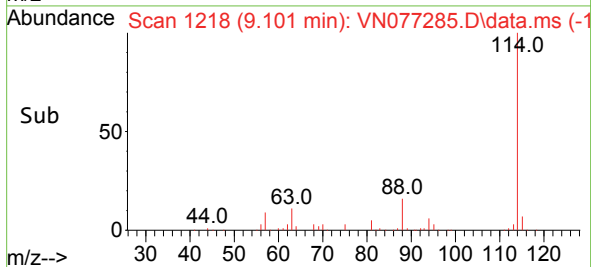
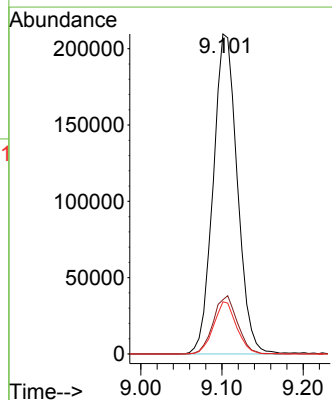
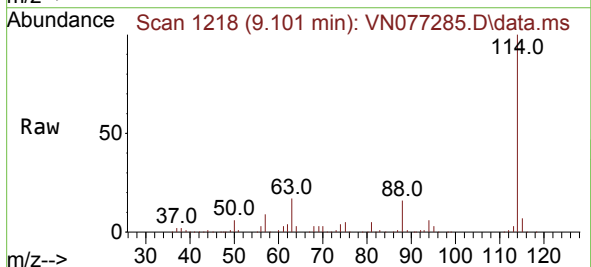
Tgt Ion: 114 Resp: 433414

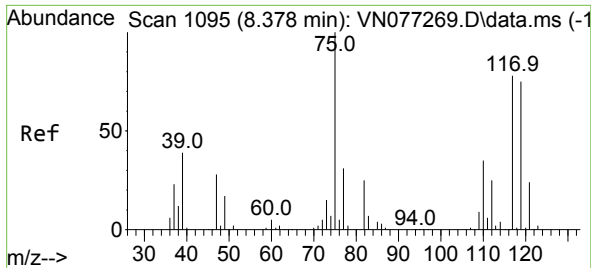
Ion Ratio Lower Upper

114 100

63 18.1 15.0 22.4

88 15.5 11.9 17.9





#29

1,1-Dichloropropene

Concen: 19.590 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

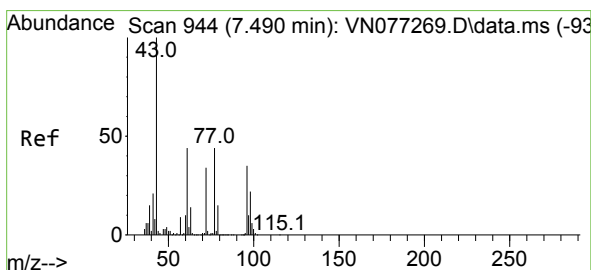
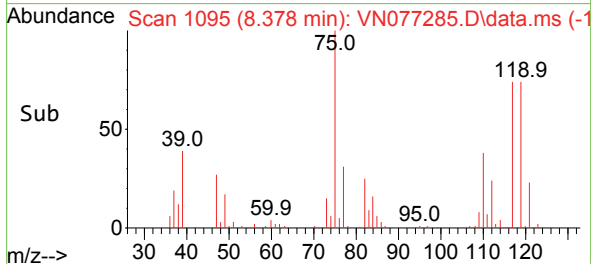
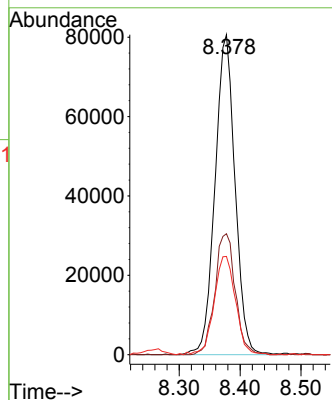
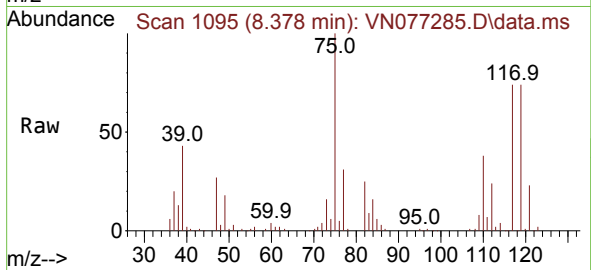
Tgt Ion: 75 Resp: 183929

Ion Ratio Lower Upper

75 100

110 38.6 0.0 72.4

77 32.7 0.0 61.4



#30

2-Butanone

Concen: 88.698 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.001 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

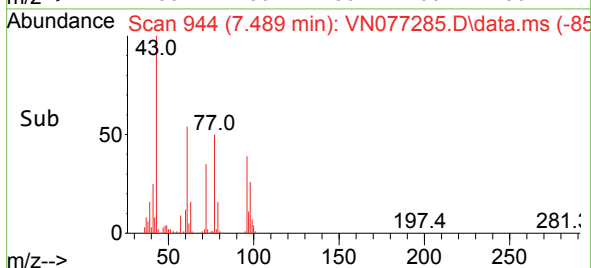
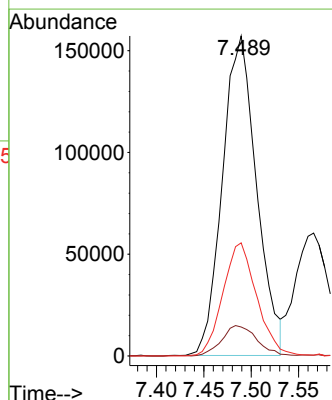
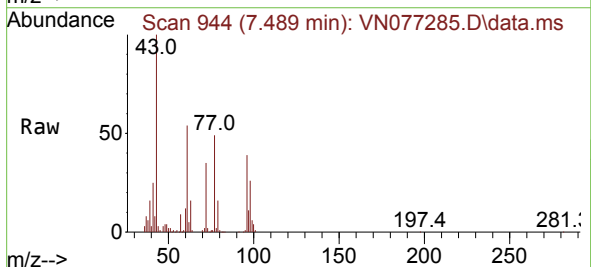
Tgt Ion: 43 Resp: 393811

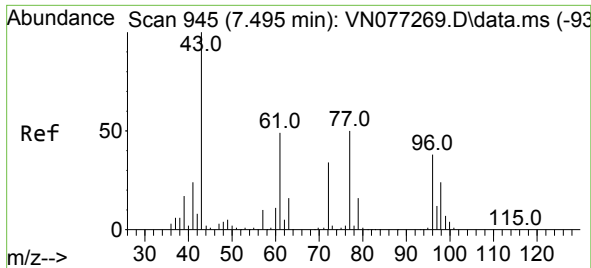
Ion Ratio Lower Upper

43 100

57 9.8 7.5 11.3

72 35.2 26.9 40.3

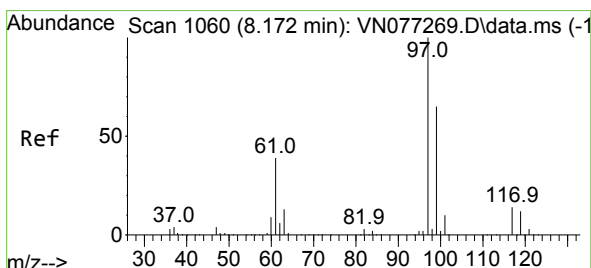
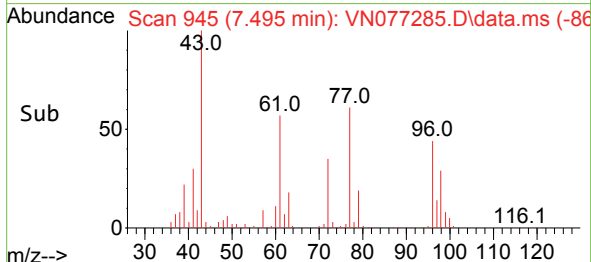
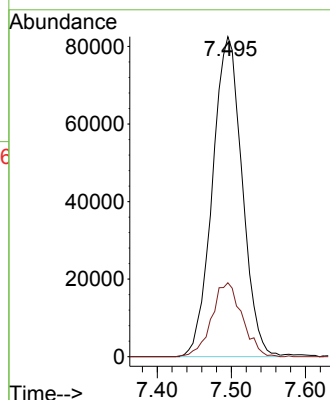
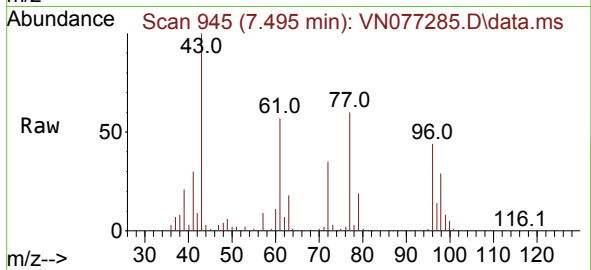




#31
2,2-Dichloropropane
Concen: 19.952 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

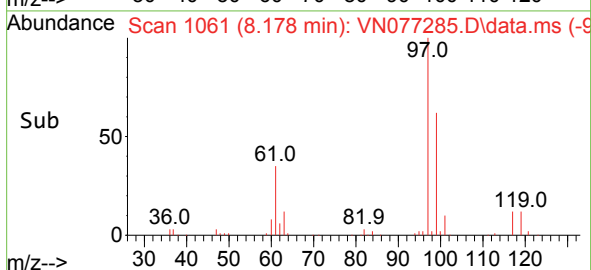
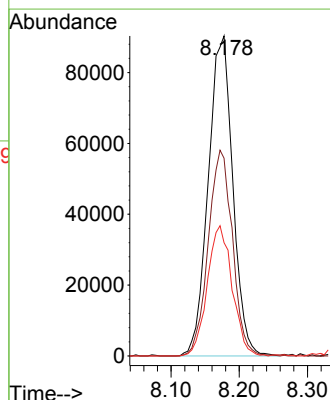
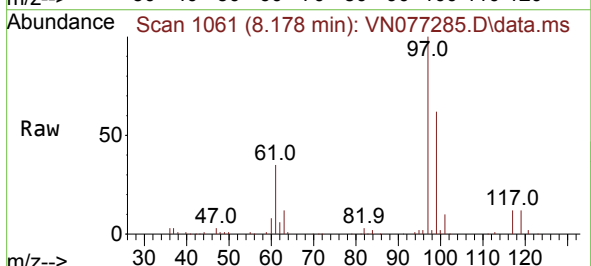
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

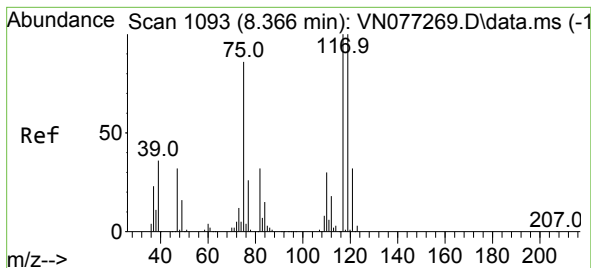
Tgt Ion: 77 Resp: 229966
Ion Ratio Lower Upper
77 100
97 23.5 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 19.625 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 97 Resp: 226756
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 41.1 32.4 48.6





#33

Carbon Tetrachloride

Concen: 20.032 ug/l

RT: 8.360 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

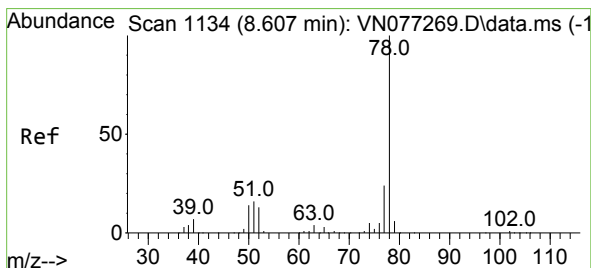
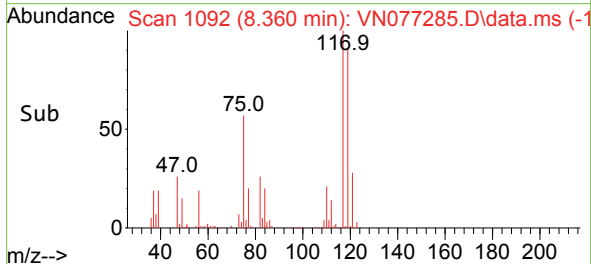
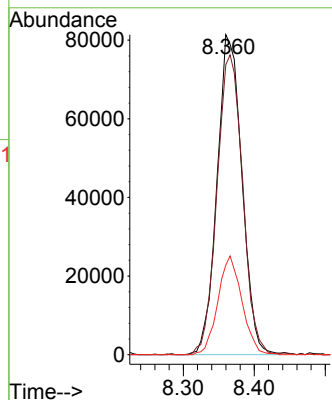
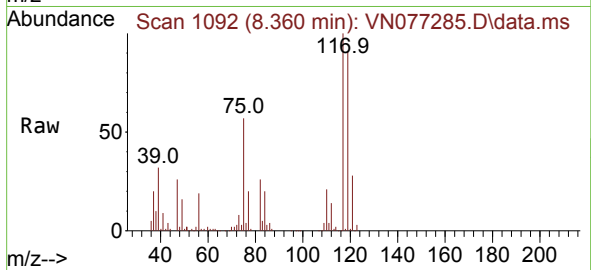
Tgt Ion:117 Resp: 197552

Ion Ratio Lower Upper

117 100

119 90.6 80.2 120.4

121 28.0 26.0 39.0



#34

Benzene

Concen: 20.130 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

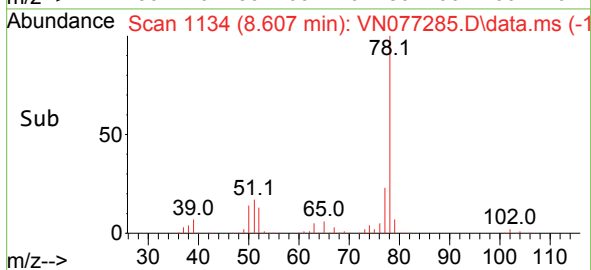
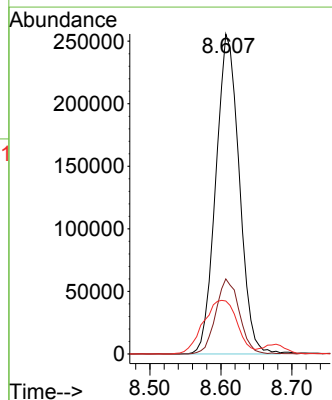
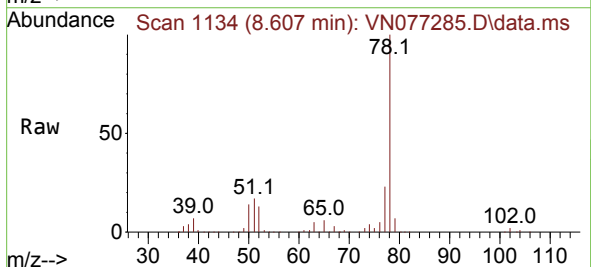
Tgt Ion: 78 Resp: 584783

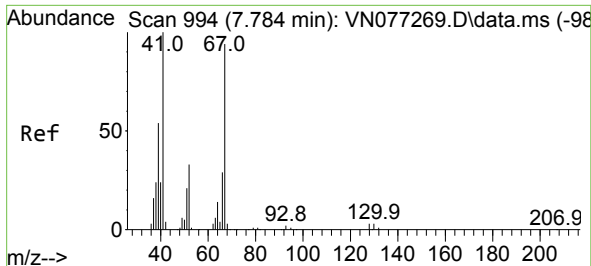
Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

51 16.2 12.6 19.0

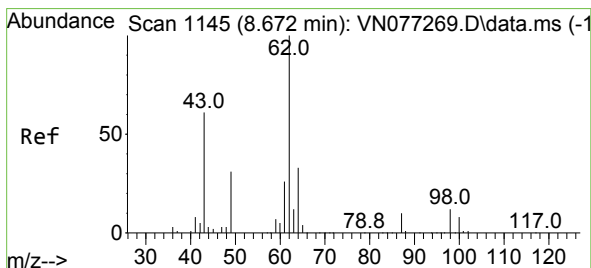
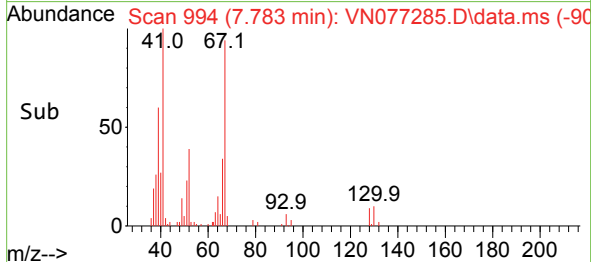
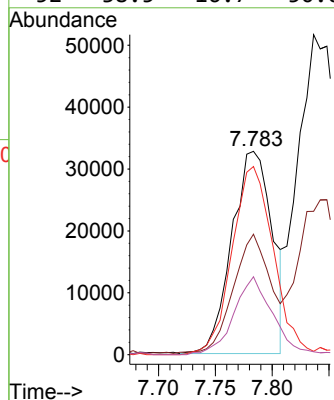
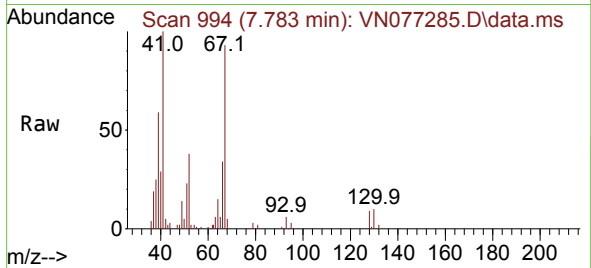




#35
Methacrylonitrile
Concen: 19.321 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

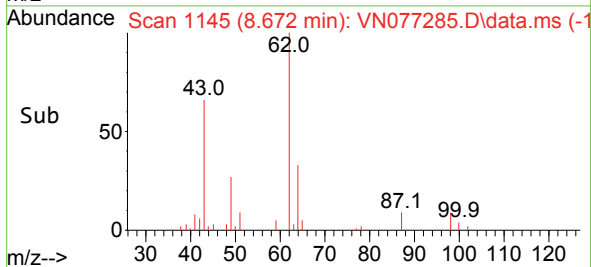
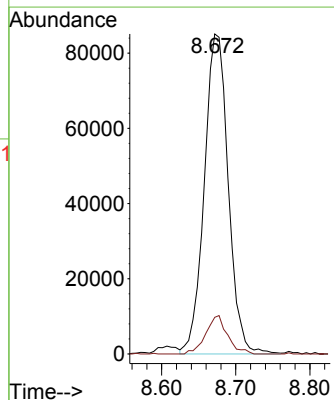
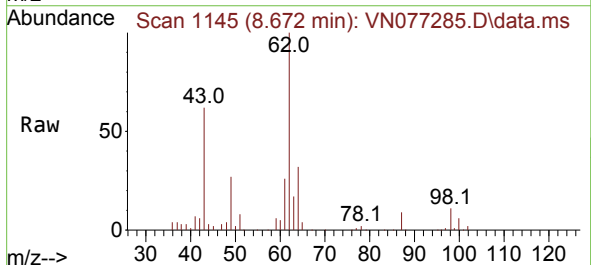
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

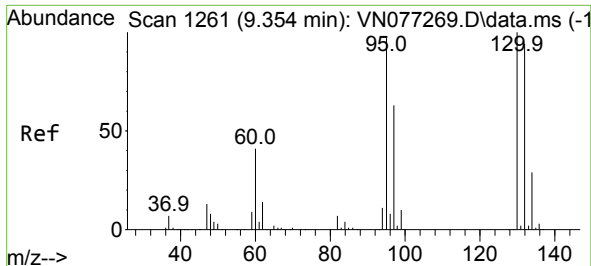
Tgt Ion:	41	Resp:	80809
Ion	Ratio	Lower	Upper
41	100		
39	58.4	27.1	81.2
67	93.0	46.8	140.4
52	38.5	16.7	50.0



#36
1,2-Dichloroethane
Concen: 20.999 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion:	62	Resp:	191261
Ion	Ratio	Lower	Upper
62	100		
98	10.6	8.3	12.5





#37

Trichloroethene

Concen: 19.955 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

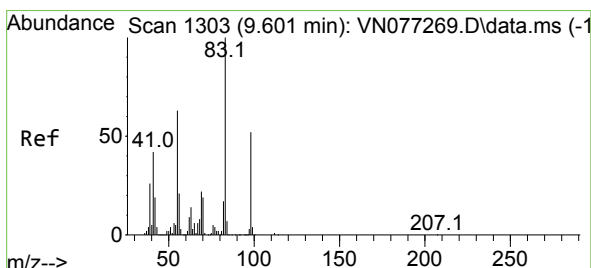
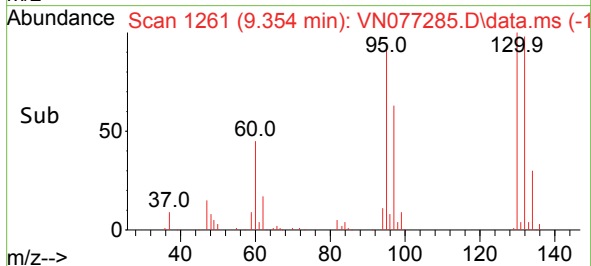
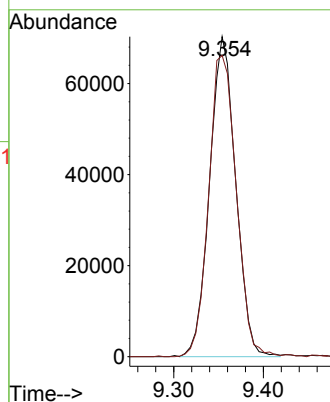
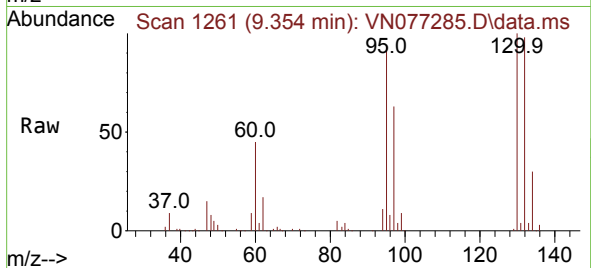
VN0410WBS01

Tgt Ion:130 Resp: 141799

Ion Ratio Lower Upper

130 100

95 93.9 77.5 116.3



#38

Methylcyclohexane

Concen: 20.118 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

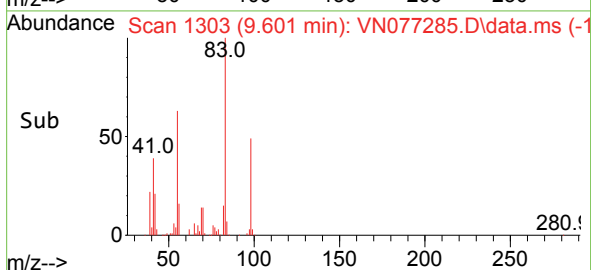
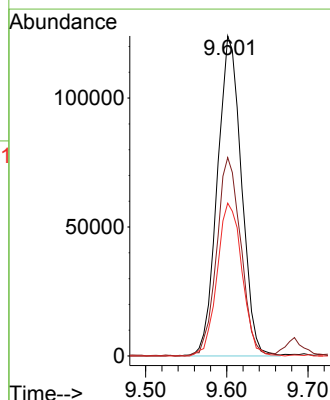
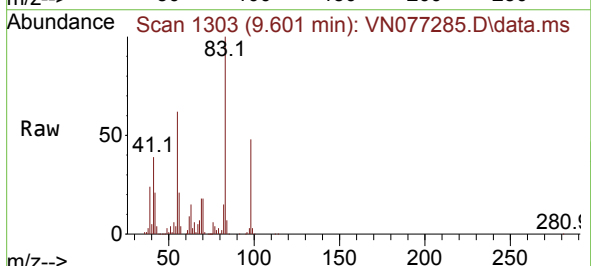
Tgt Ion: 83 Resp: 256181

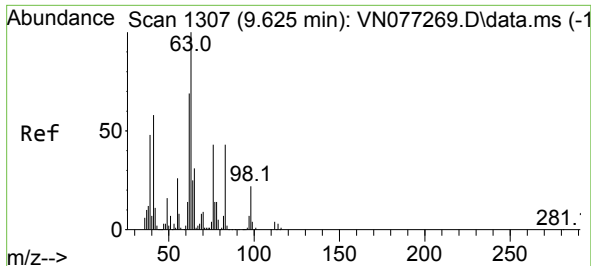
Ion Ratio Lower Upper

83 100

55 62.2 32.0 96.2

98 49.4 25.3 75.9





#39

1,2-Dichloropropane

Concen: 20.677 ug/l

RT: 9.619 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

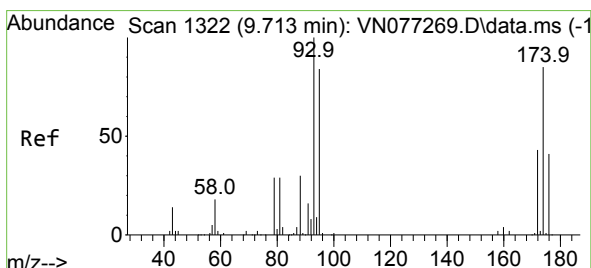
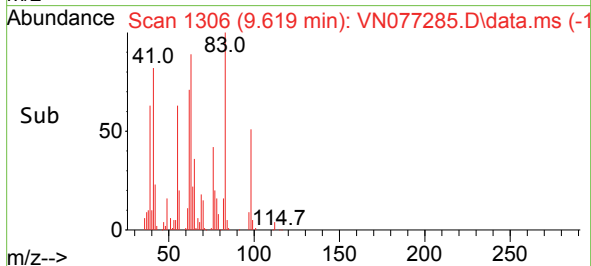
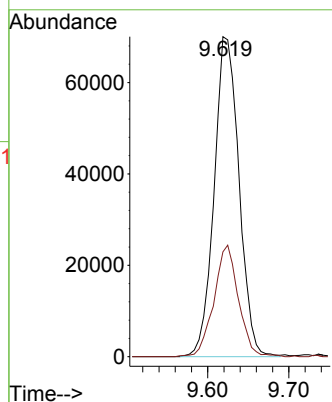
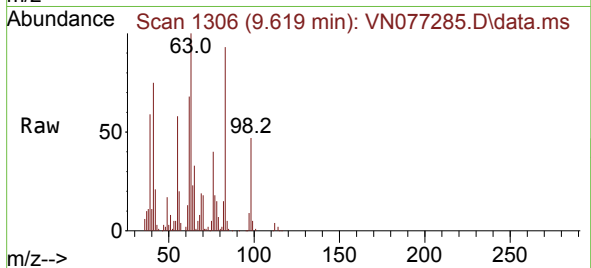
VN0410WBS01

Tgt Ion: 63 Resp: 149118

Ion Ratio Lower Upper

63 100

65 32.4 24.8 37.2



#40

Dibromomethane

Concen: 20.018 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

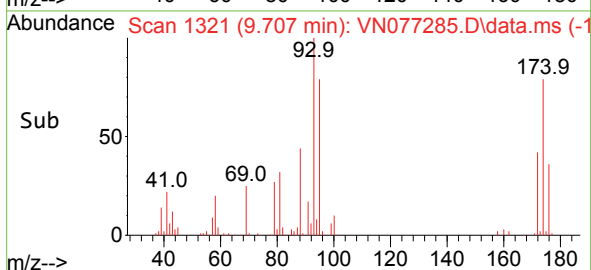
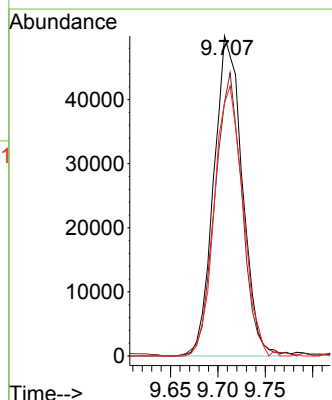
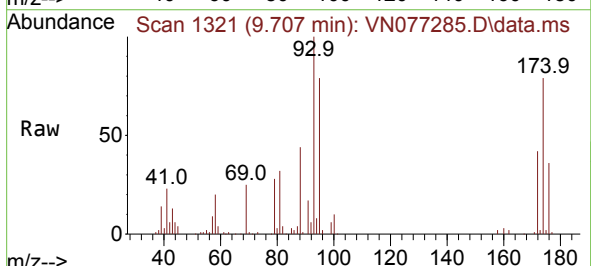
Tgt Ion: 93 Resp: 104019

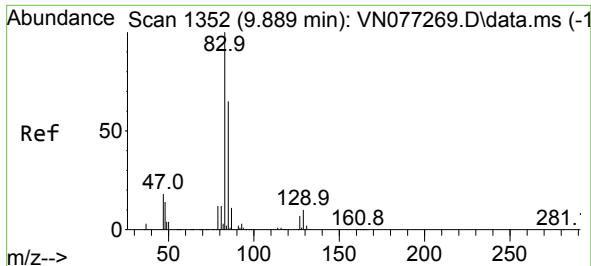
Ion Ratio Lower Upper

93 100

95 84.6 0.0 166.4

174 84.5 0.0 164.8

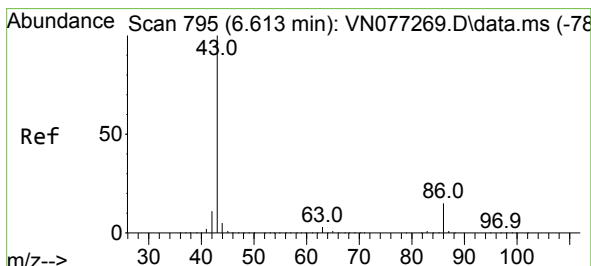
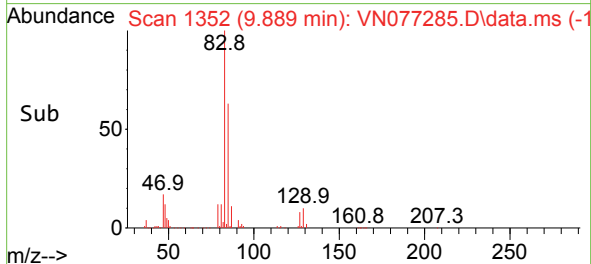
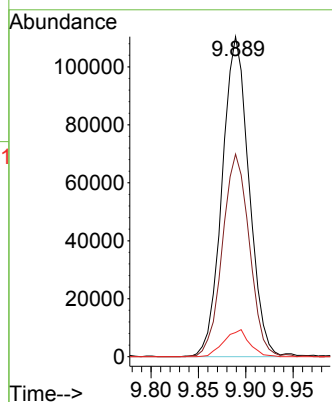
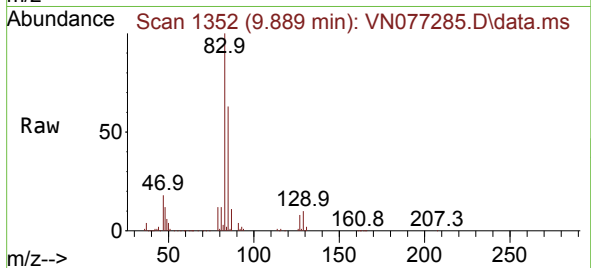




#41
Bromodichloromethane
Concen: 20.972 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

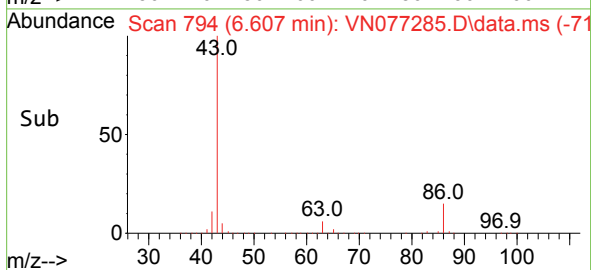
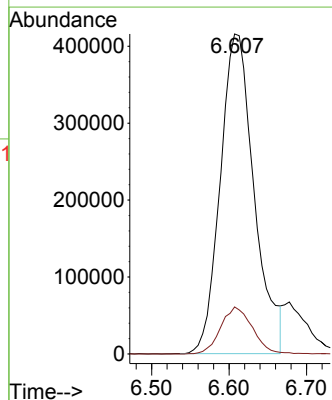
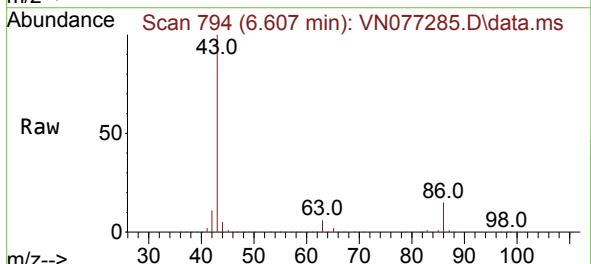
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

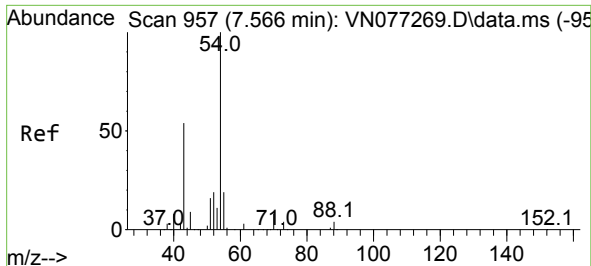
Tgt Ion: 83 Resp: 217294
Ion Ratio Lower Upper
83 100
85 63.3 52.3 78.5
127 7.6 5.9 8.9



#42
Vinyl Acetate
Concen: 98.425 ug/l
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 43 Resp: 1264759
Ion Ratio Lower Upper
43 100
86 13.8 0.0 0.0#

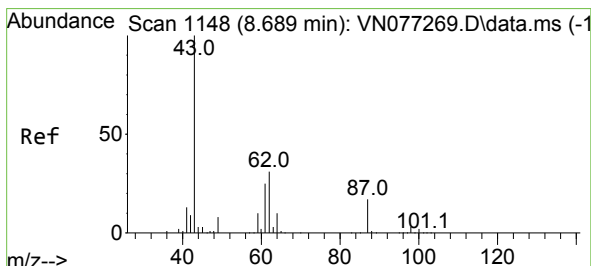
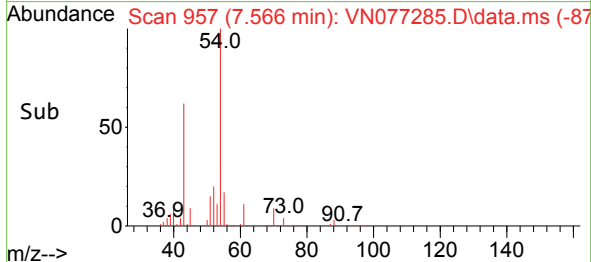
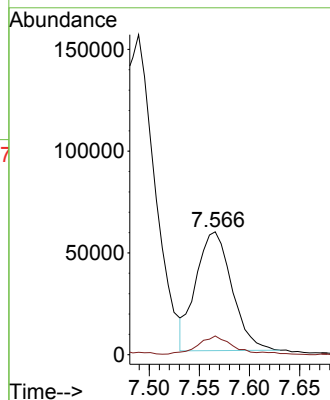
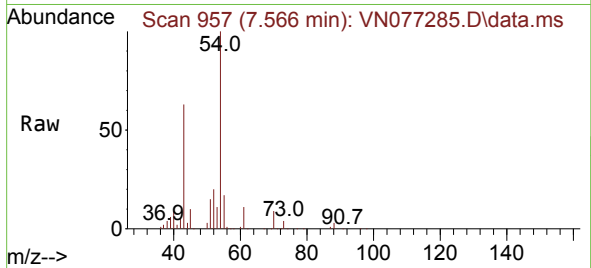




#43
Ethyl Acetate
Concen: 17.719 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

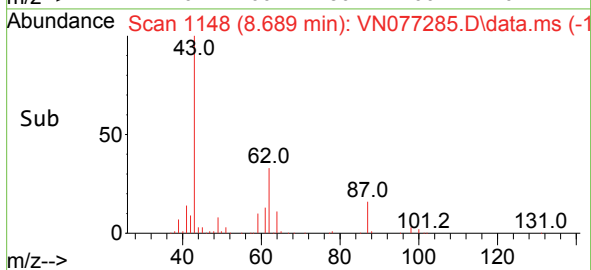
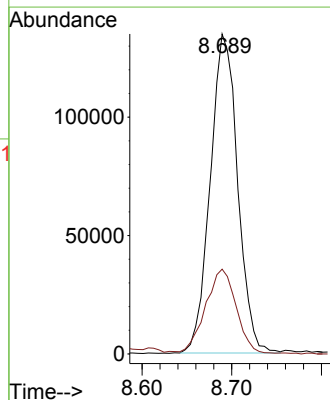
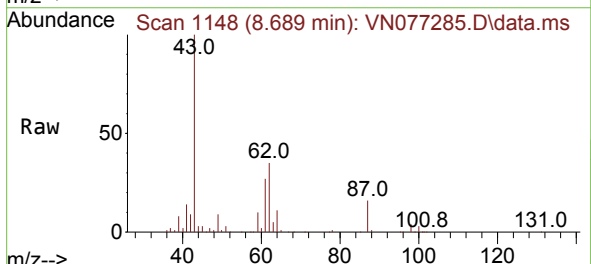
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

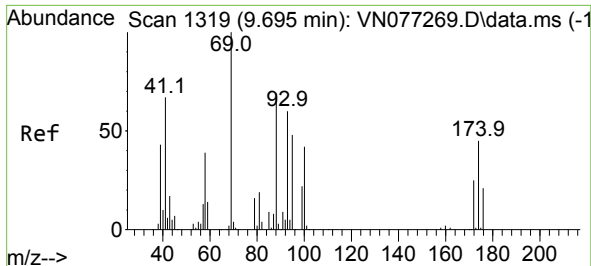
Tgt Ion: 43 Resp: 145553
Ion Ratio Lower Upper
43 100
45 14.8 12.3 18.5



#44
Isopropyl Acetate
Concen: 19.430 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 43 Resp: 285763
Ion Ratio Lower Upper
43 100
61 29.9 0.0 0.0#

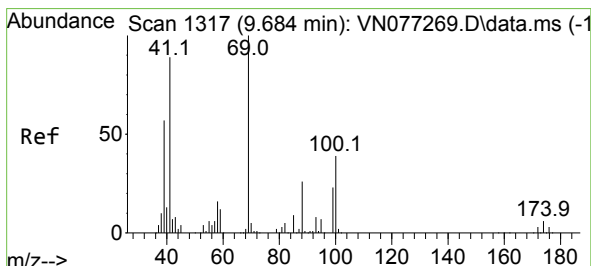
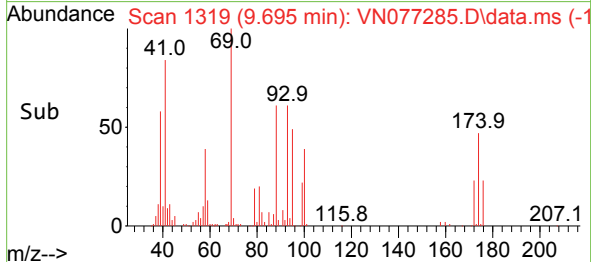
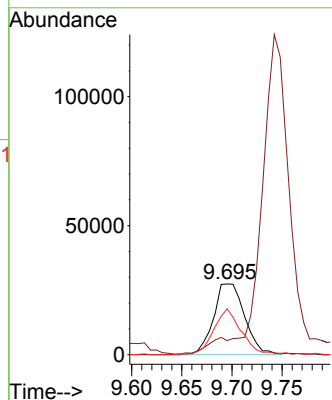
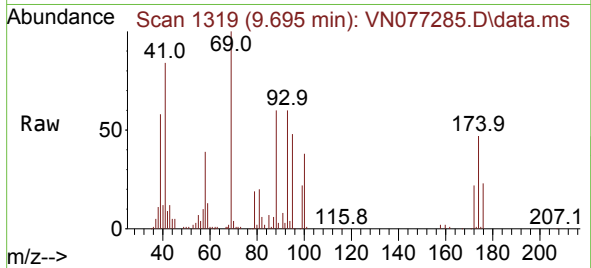




#45
1,4-Dioxane
Concen: 381.446 ug/l
RT: 9.695 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

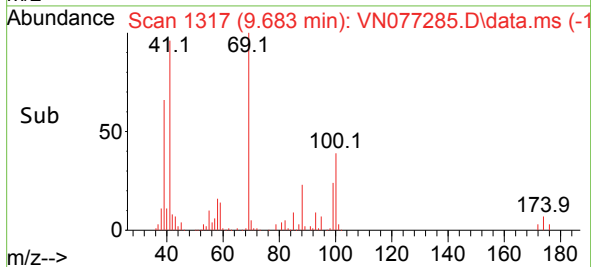
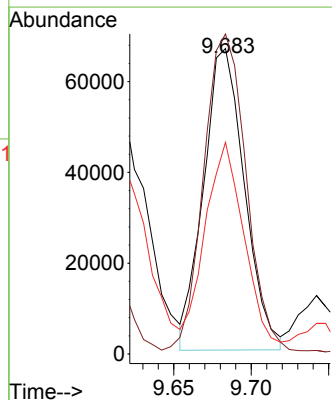
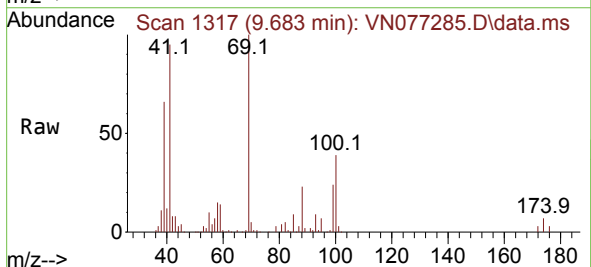
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

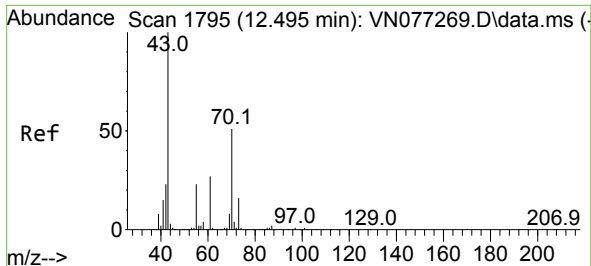
Tgt Ion: 88 Resp: 59167
Ion Ratio Lower Upper
88 100
43 15.4 17.4 26.0#
58 57.3 48.2 72.4



#46
Methyl methacrylate
Concen: 19.265 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 41 Resp: 121990
Ion Ratio Lower Upper
41 100
69 106.8 54.5 163.5
39 69.4 33.4 100.2

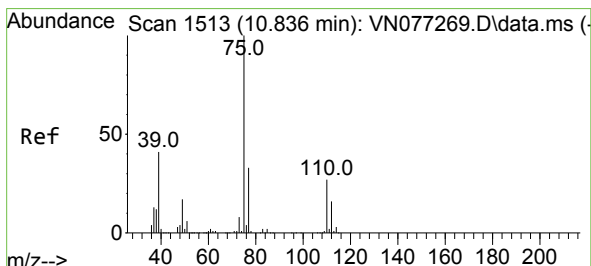
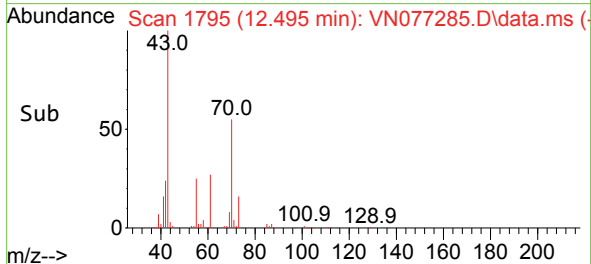
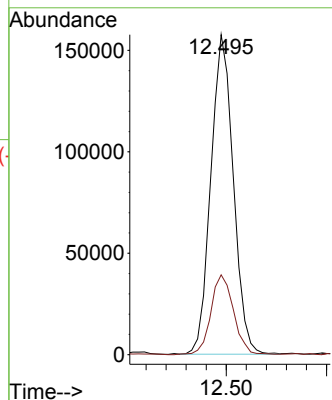
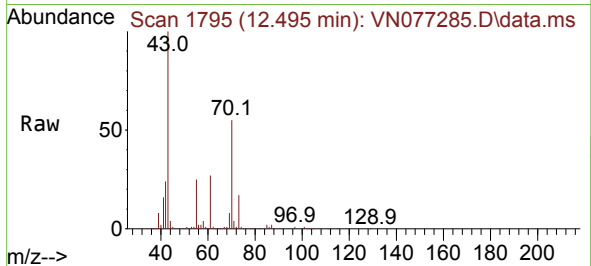




#47
n-amyl acetate
Concen: 19.075 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

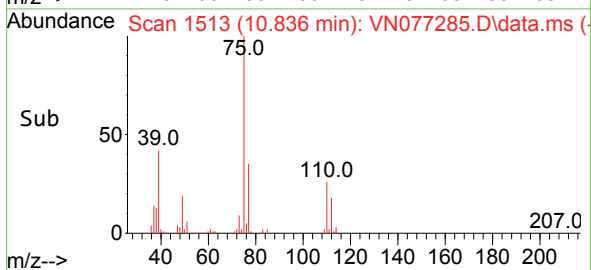
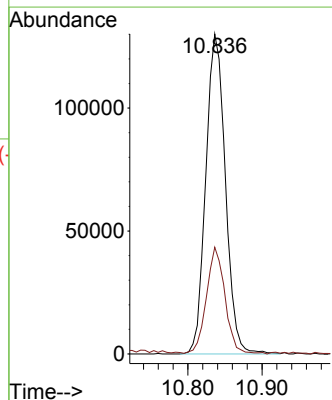
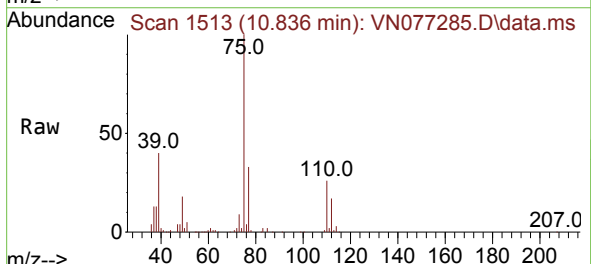
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

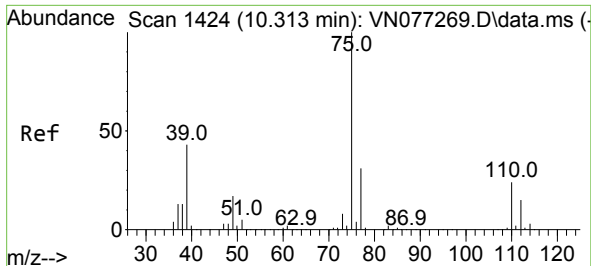
Tgt Ion: 43 Resp: 245169
Ion Ratio Lower Upper
43 100
55 25.3 19.4 29.0



#48
t-1,3-Dichloropropene
Concen: 20.646 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 75 Resp: 239410
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7

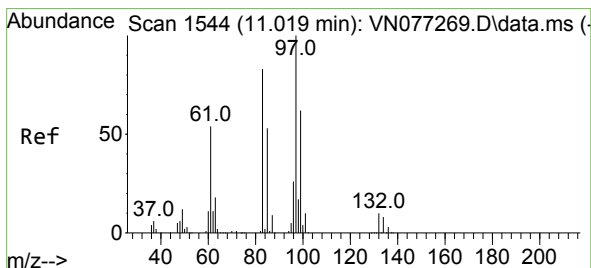
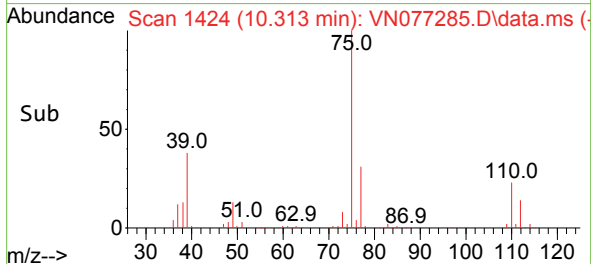
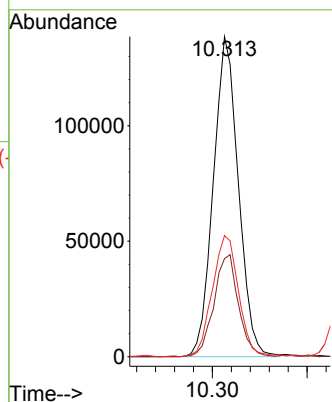
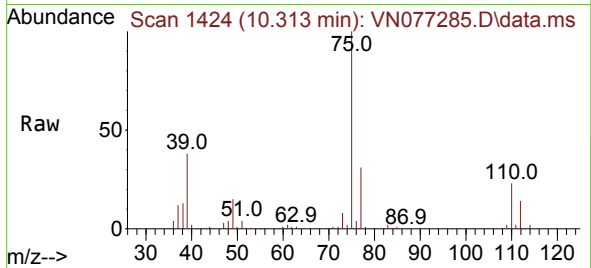




#49
 cis-1,3-Dichloropropene
 Concen: 20.623 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

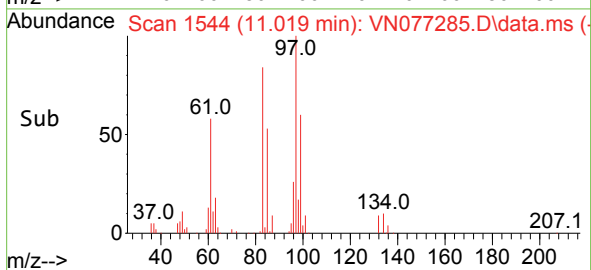
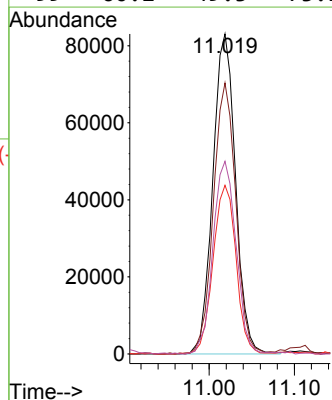
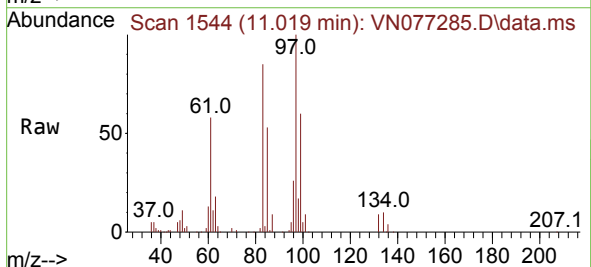
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

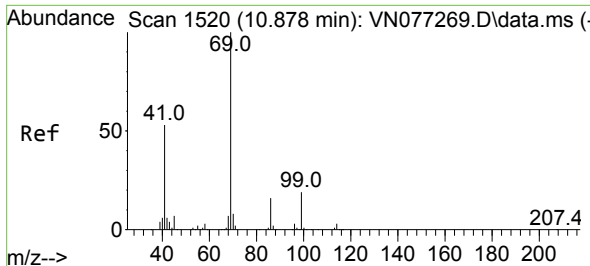
Tgt Ion: 75 Resp: 254411
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6
 39 37.9 34.4 51.6



#50
 1,1,2-Trichloroethane
 Concen: 20.358 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Tgt Ion: 97 Resp: 153652
 Ion Ratio Lower Upper
 97 100
 83 84.4 66.7 100.1
 85 52.5 42.4 63.6
 99 60.2 49.3 73.9

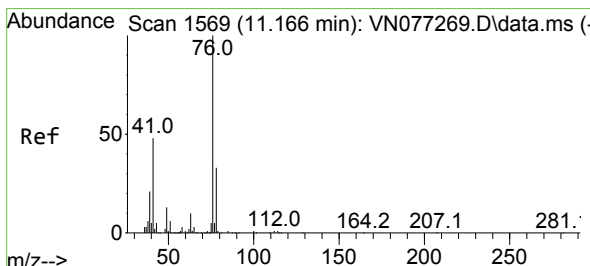
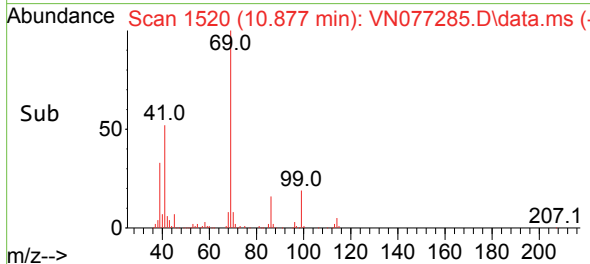
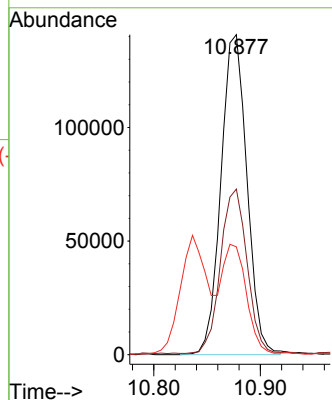
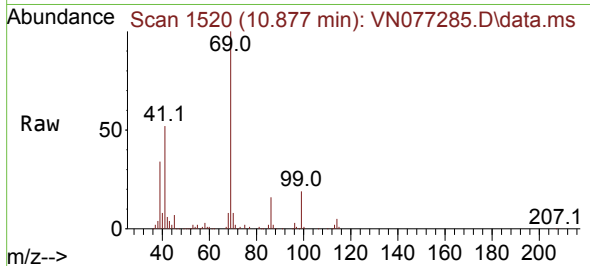




#51
Ethyl methacrylate
Concen: 20.587 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

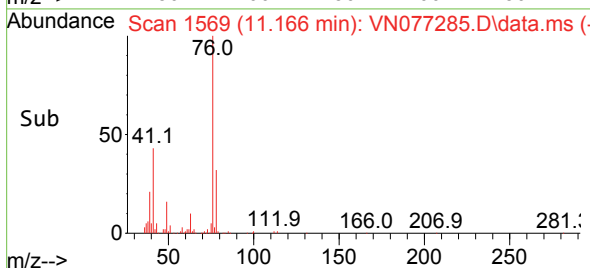
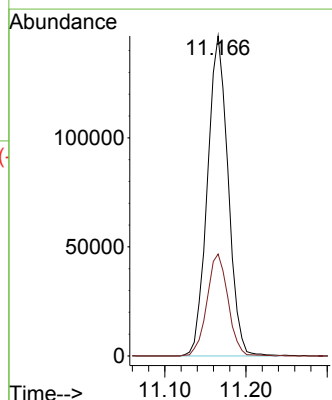
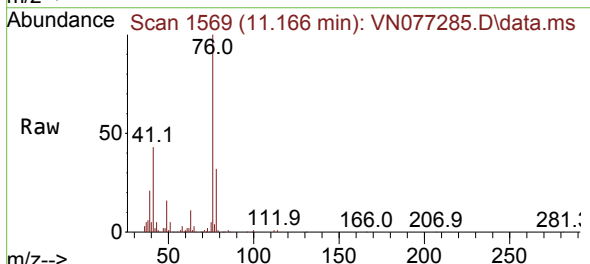
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

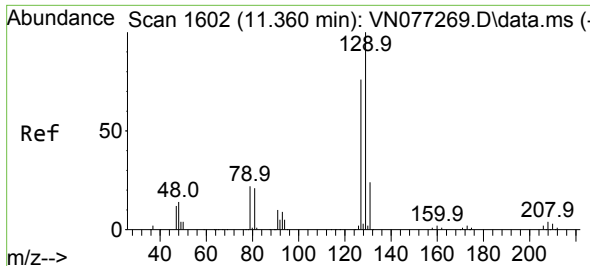
Tgt Ion: 69 Resp: 238612
Ion Ratio Lower Upper
69 100
41 51.3 26.7 80.0
39 33.2 17.0 50.9



#52
1,3-Dichloropropane
Concen: 20.640 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 76 Resp: 259993
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.0

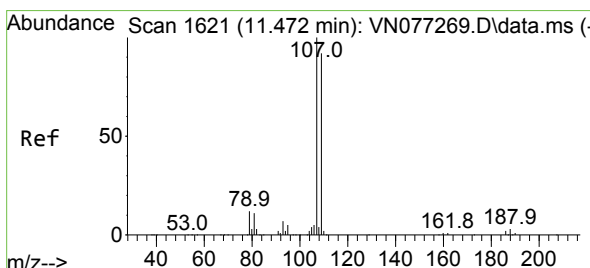
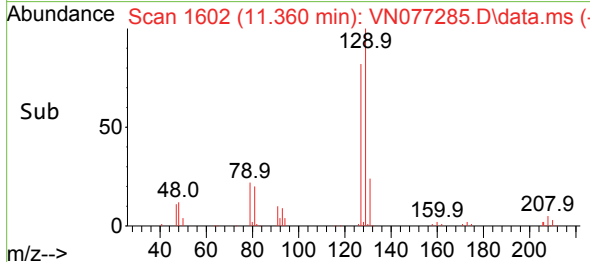
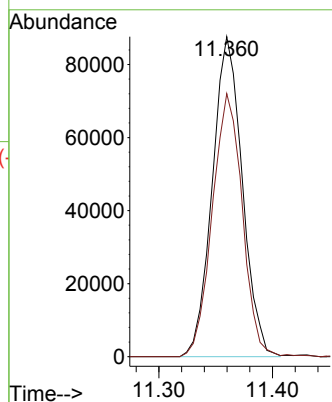
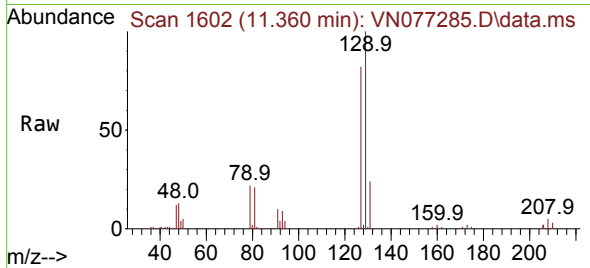




#53
Dibromochloromethane
Concen: 20.204 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

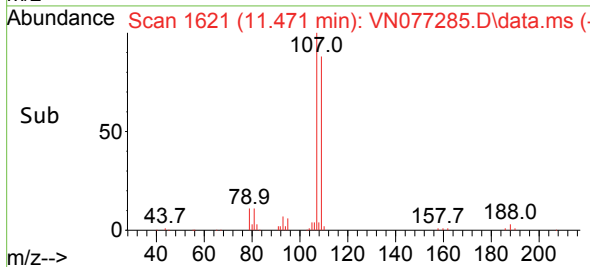
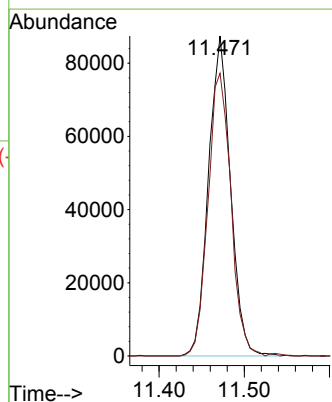
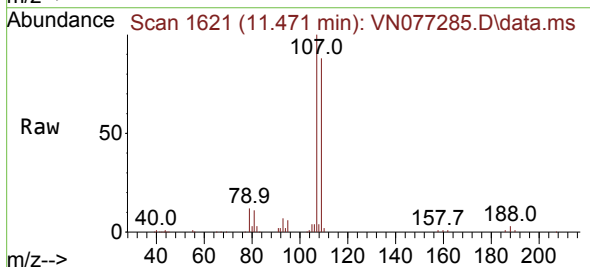
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

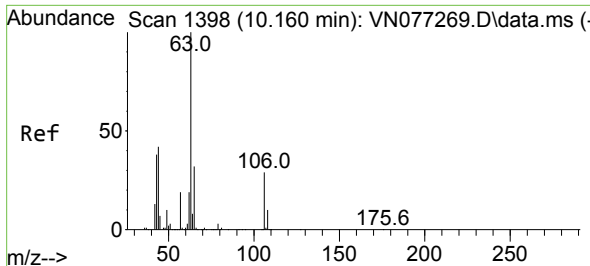
Tgt Ion:129 Resp: 160720
Ion Ratio Lower Upper
129 100
127 82.0 38.6 115.8



#54
1,2-Dibromoethane
Concen: 20.701 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion:107 Resp: 156849
Ion Ratio Lower Upper
107 100
109 91.9 74.1 111.1

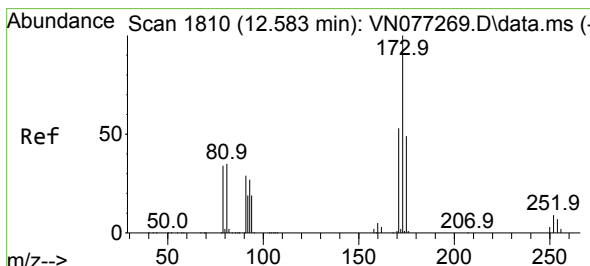
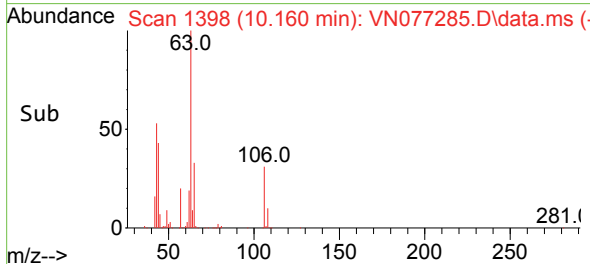
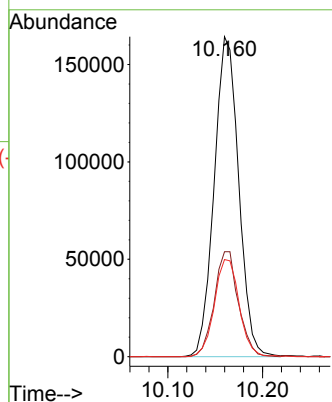
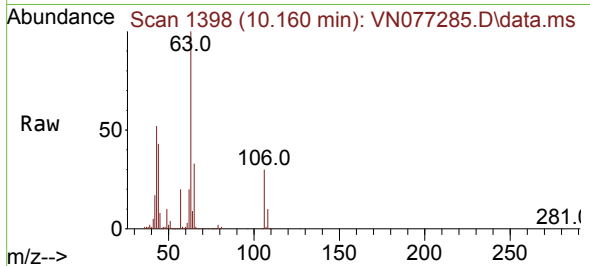




#55
2-Chloroethyl vinyl ether
Concen: 82.629 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

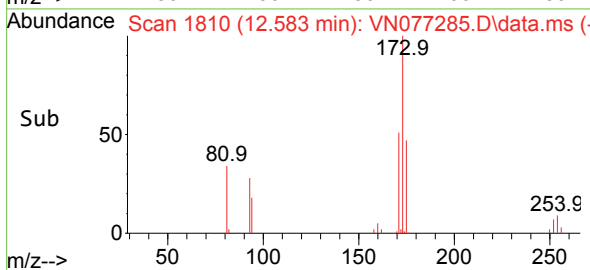
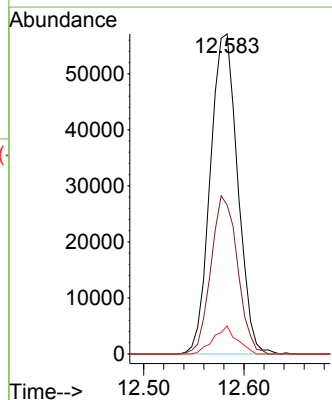
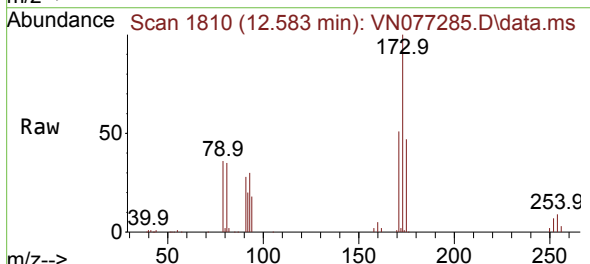
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

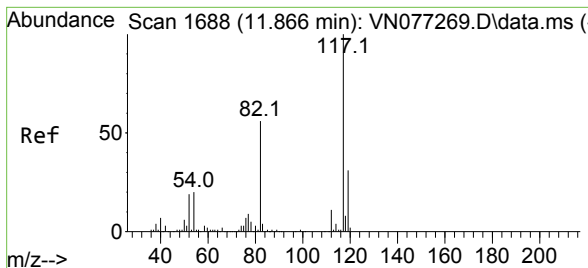
Tgt Ion: 63 Resp: 295688
Ion Ratio Lower Upper
63 100
65 32.3 25.7 38.5
106 30.6 24.0 36.0



#56
Bromoform
Concen: 20.272 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion:173 Resp: 108325
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.2
254 7.5 6.0 9.0

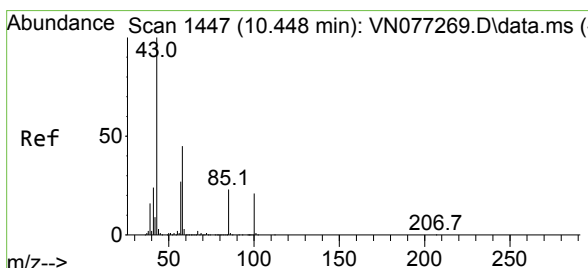
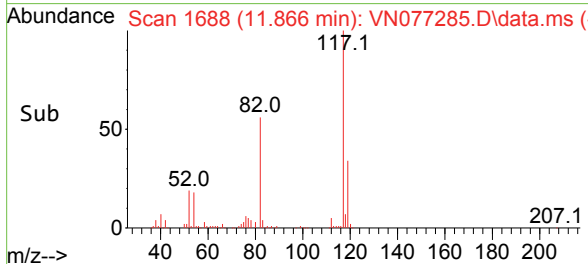
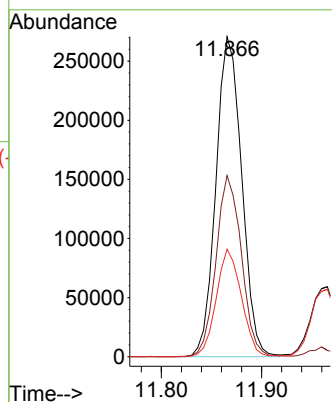
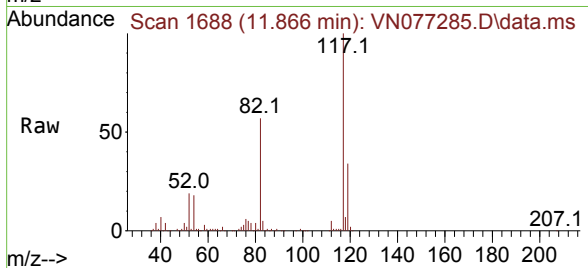




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

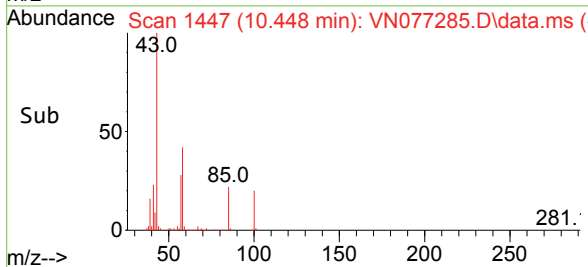
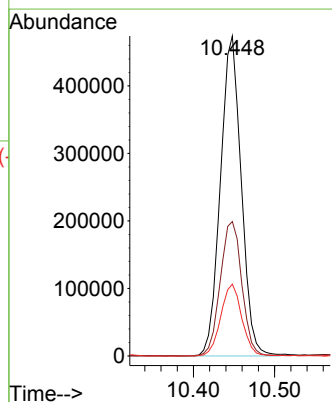
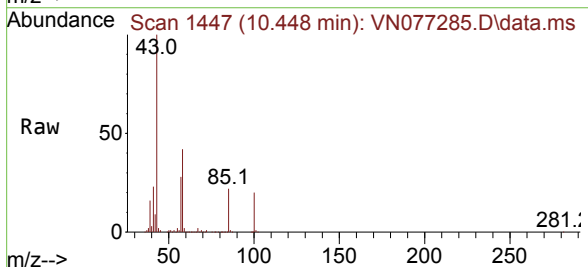
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

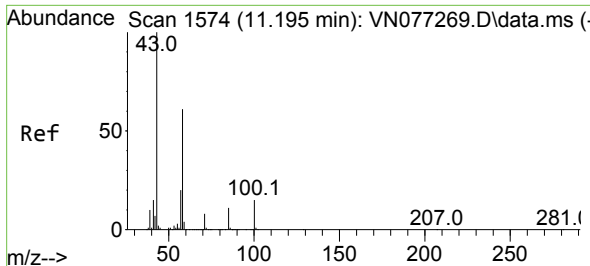
Tgt Ion:117 Resp: 483628
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 32.8 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 93.484 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 43 Resp: 846511
Ion Ratio Lower Upper
43 100
58 43.4 34.7 52.1
85 22.6 17.8 26.8

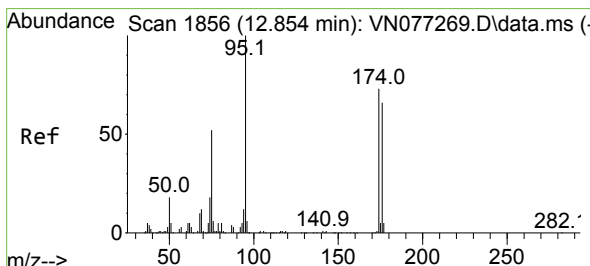
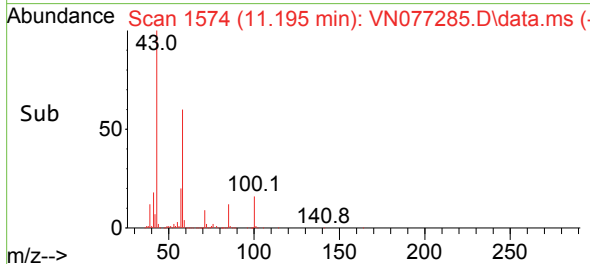
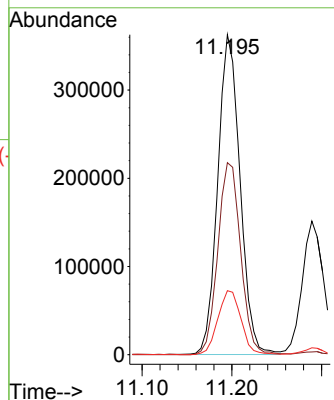
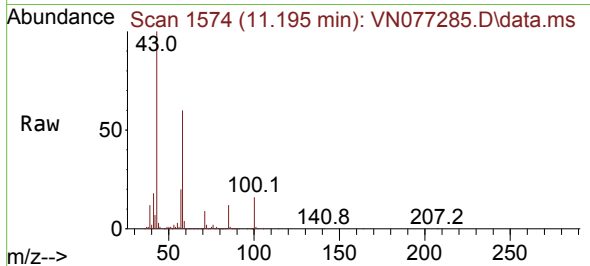




#59
2-Hexanone
Concen: 89.385 ug/l
RT: 11.195 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

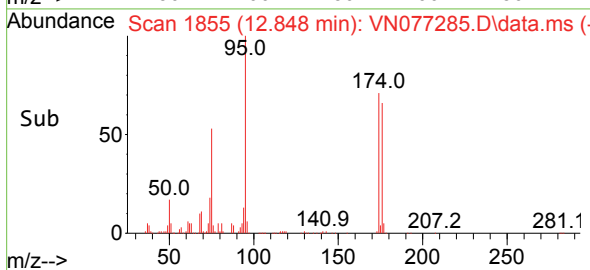
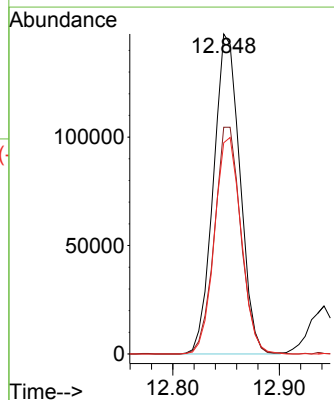
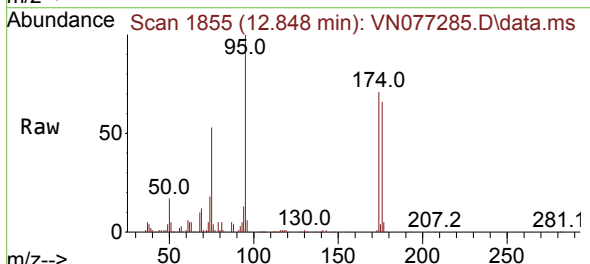
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

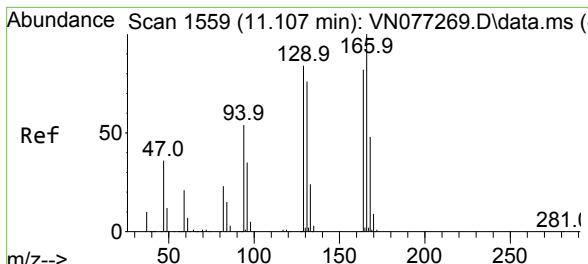
Tgt Ion: 43 Resp: 625638
Ion Ratio Lower Upper
43 100
58 61.6 48.6 73.0
57 20.8 16.7 25.1



#60
4-Bromofluorobenzene
Concen: 30.493 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 95 Resp: 255003
Ion Ratio Lower Upper
95 100
174 70.5 57.8 86.8
176 68.2 54.6 81.8



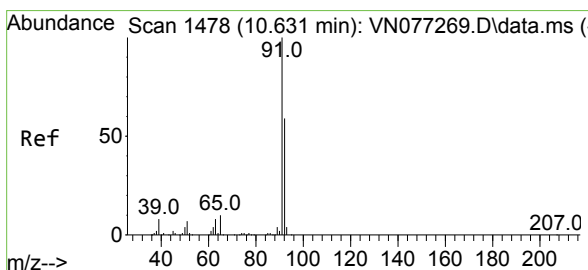
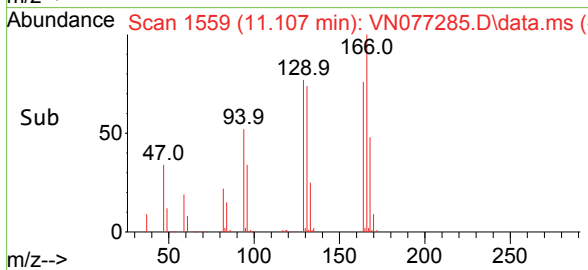
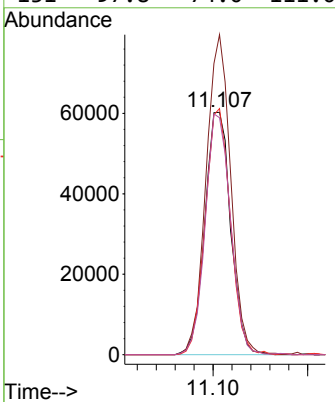
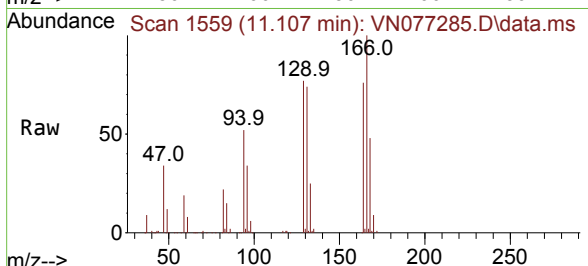


#61
 Tetrachloroethene
 Concen: 19.870 ug/l
 RT: 11.107 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

Tgt Ion:164 Resp: 114299

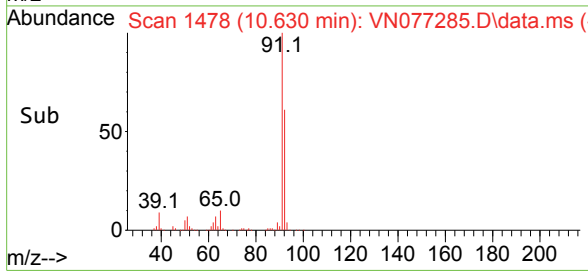
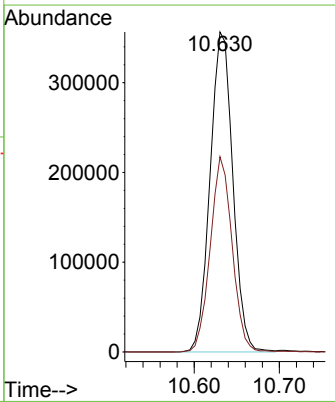
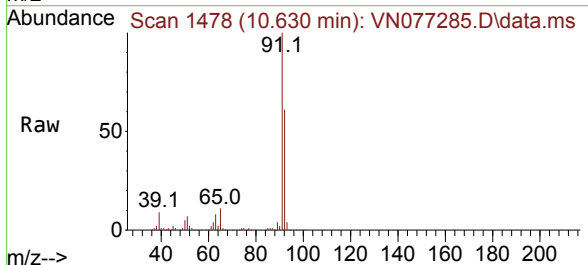
Ion	Ratio	Lower	Upper
164	100		
166	132.0	97.9	146.9
129	101.5	82.5	123.7
131	97.8	74.0	111.0

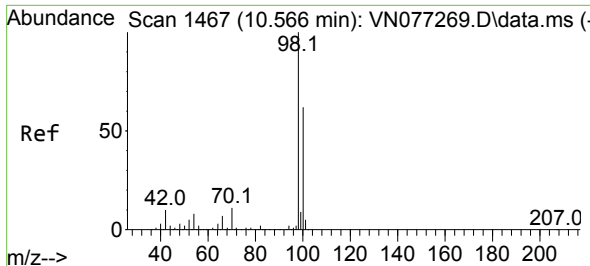


#62
 Toluene
 Concen: 19.588 ug/l
 RT: 10.630 min Scan# 1478
 Delta R.T. -0.001 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Tgt Ion: 91 Resp: 660987

Ion	Ratio	Lower	Upper
91	100		
92	58.9	46.6	70.0

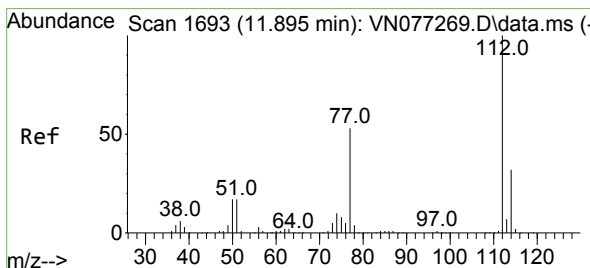
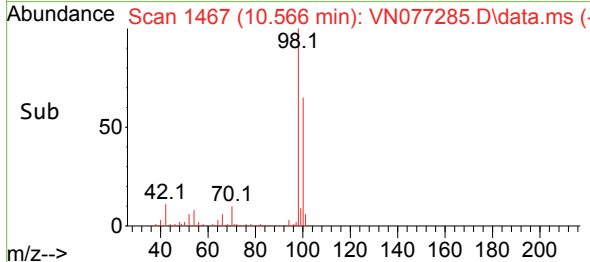
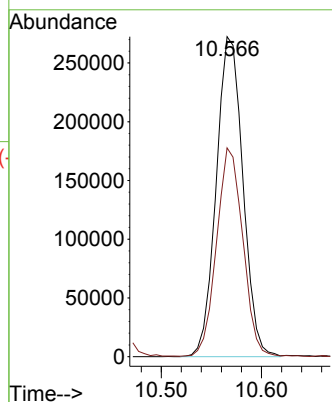
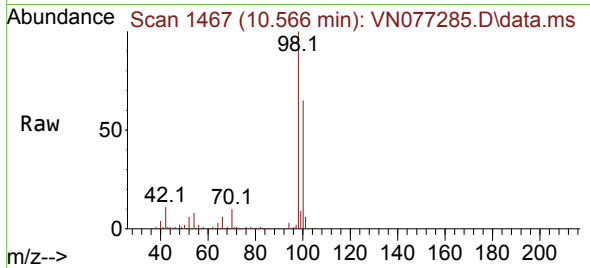




#63
Toluene-d8
Concen: 29.605 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

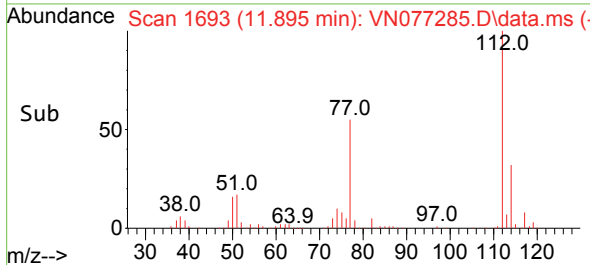
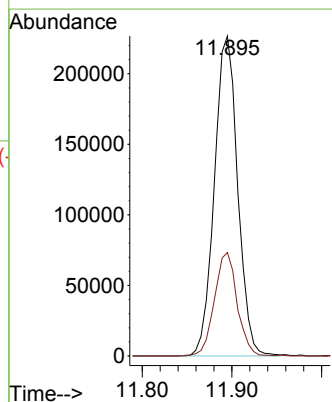
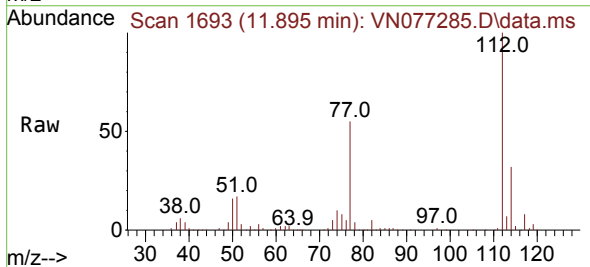
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

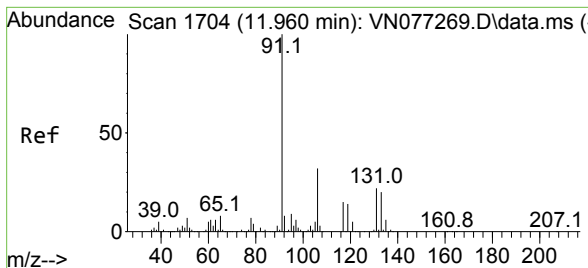
Tgt Ion: 98 Resp: 503345
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.2



#64
Chlorobenzene
Concen: 19.917 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 112 Resp: 408306
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4

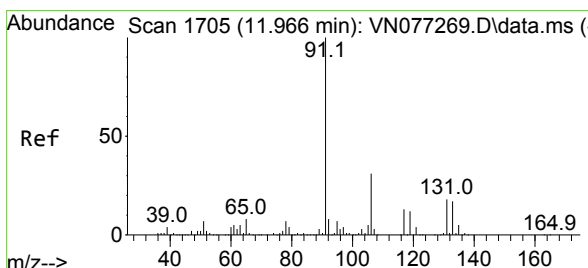
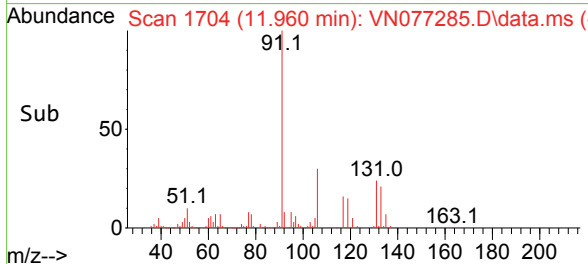
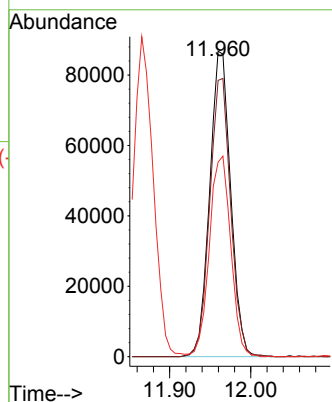
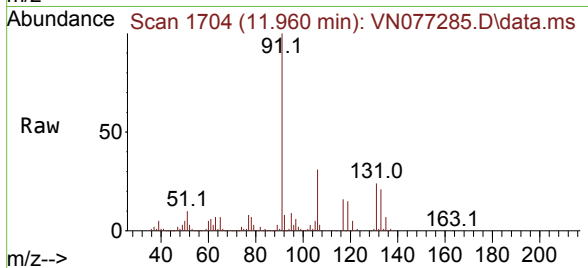




#65
1,1,1,2-Tetrachloroethane
Concen: 20.632 ug/l
RT: 11.960 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

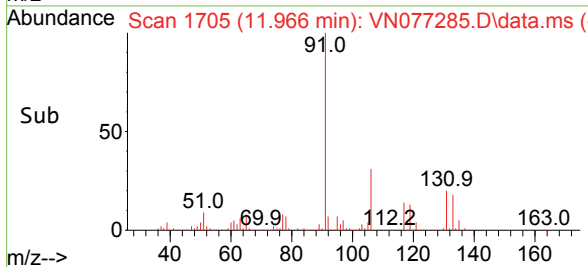
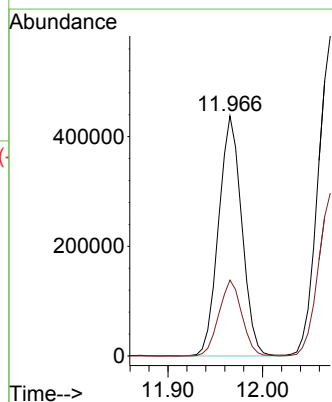
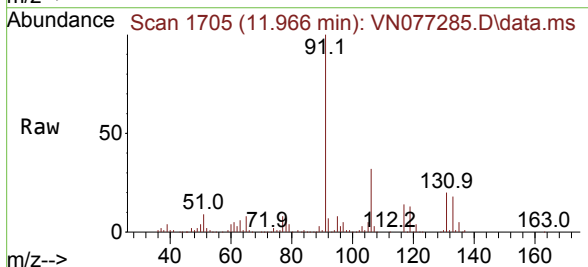
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

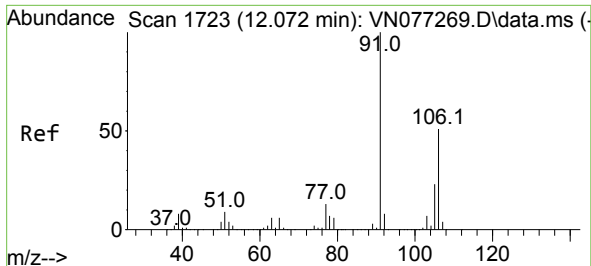
Tgt Ion:131 Resp: 155540
Ion Ratio Lower Upper
131 100
133 91.0 0.0 184.4
119 67.0 0.0 134.8



#66
Ethyl Benzene
Concen: 19.921 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 91 Resp: 744717
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

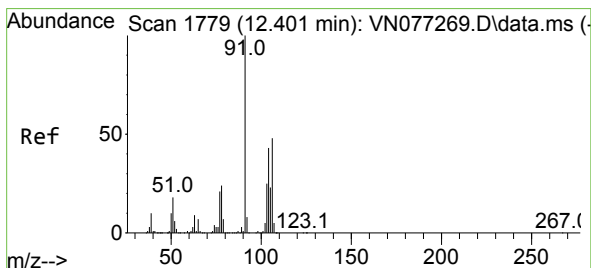
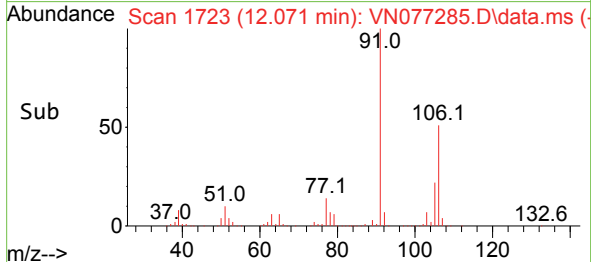
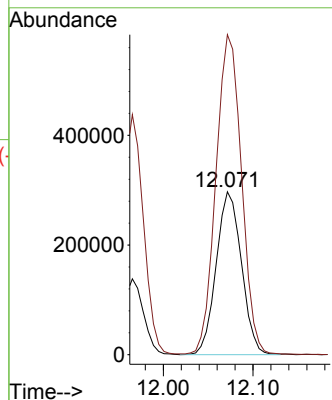
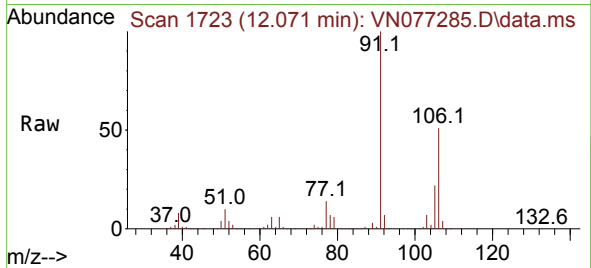




#67
m/p-Xylenes
Concen: 39.655 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

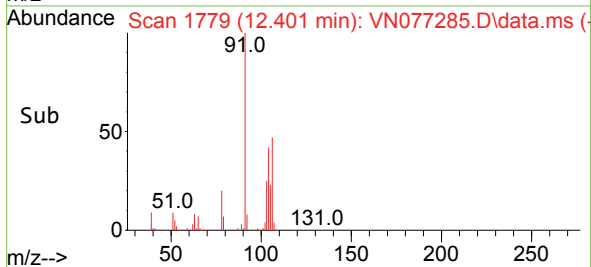
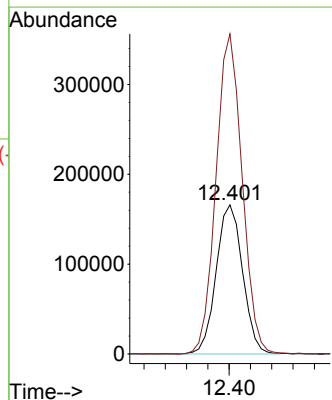
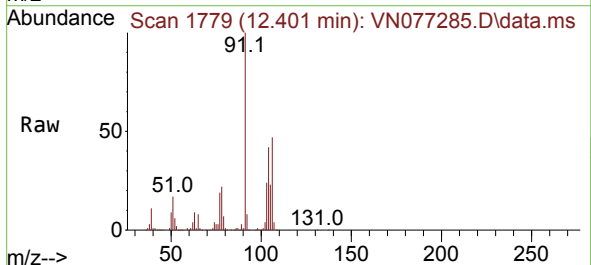
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

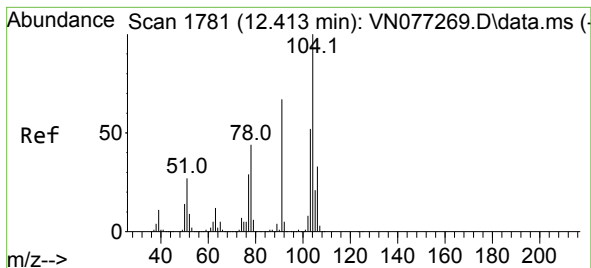
Tgt Ion:106 Resp: 581080
Ion Ratio Lower Upper
106 100
91 199.3 158.0 237.0



#68
o-Xylene
Concen: 19.488 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion:106 Resp: 285679
Ion Ratio Lower Upper
106 100
91 212.5 103.6 310.8





#69

Styrene

Concen: 20.143 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

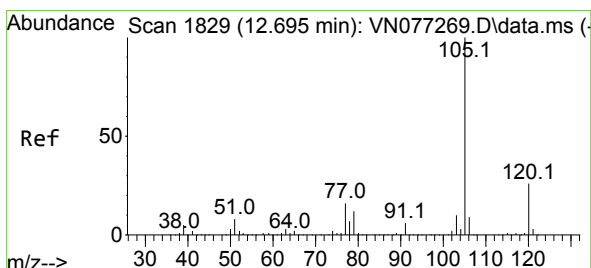
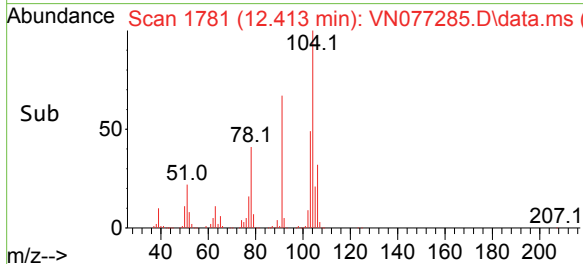
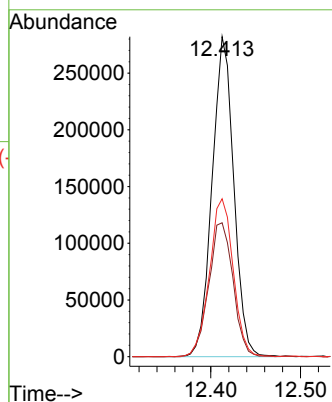
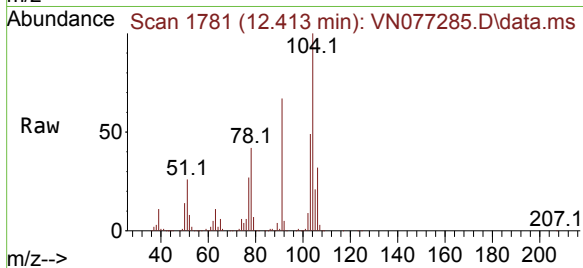
Tgt Ion:104 Resp: 473089

Ion Ratio Lower Upper

104 100

78 46.9 38.2 57.4

103 54.0 43.6 65.4



#70

Isopropylbenzene

Concen: 19.939 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.000 min

Lab File: VN077285.D

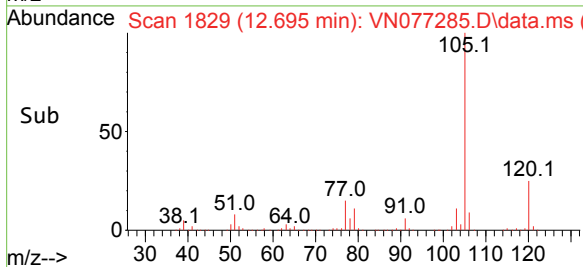
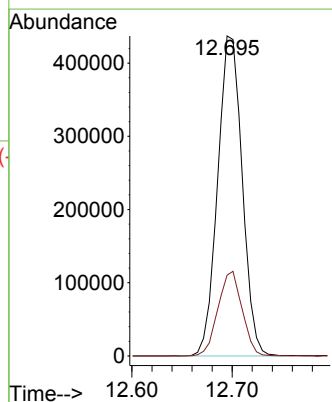
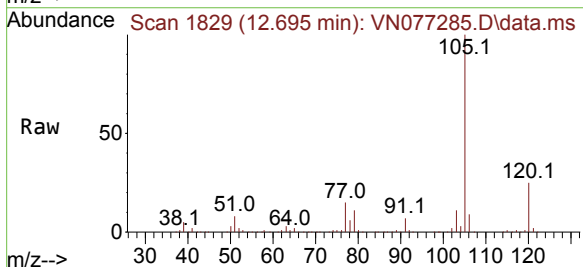
Acq: 10 Apr 2023 10:22

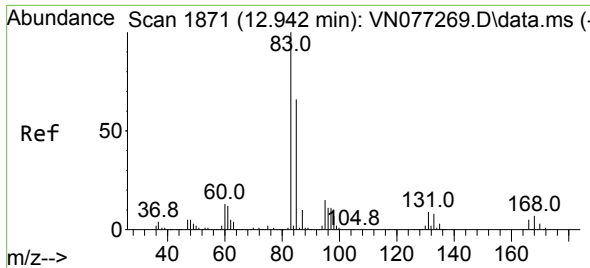
Tgt Ion:105 Resp: 741799

Ion Ratio Lower Upper

105 100

120 26.0 18.3 34.1

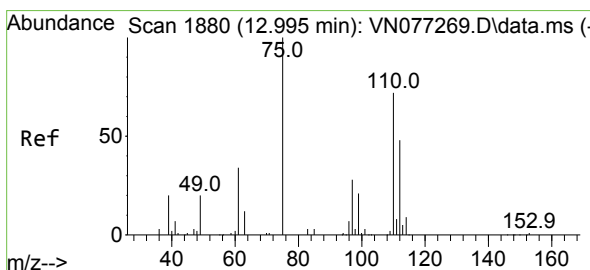
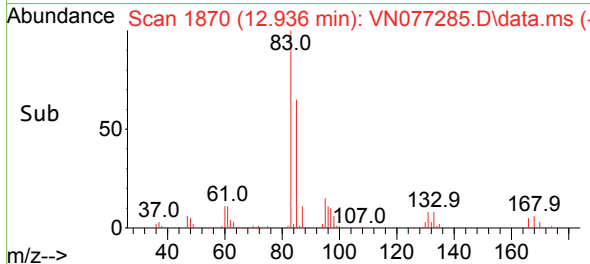
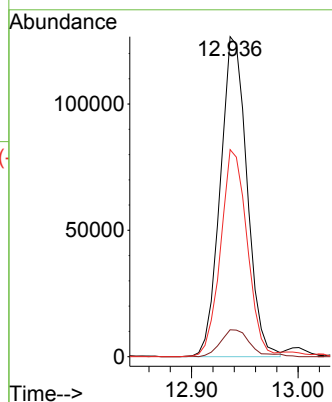
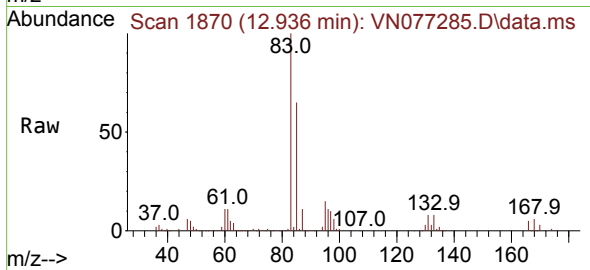




#71
1,1,2,2-Tetrachloroethane
Concen: 19.340 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

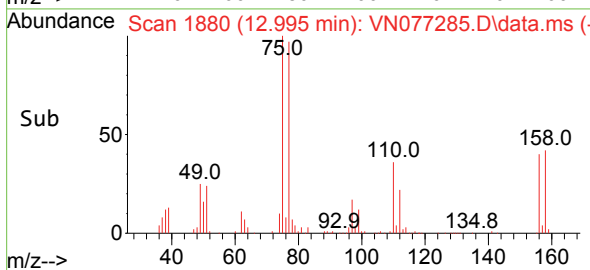
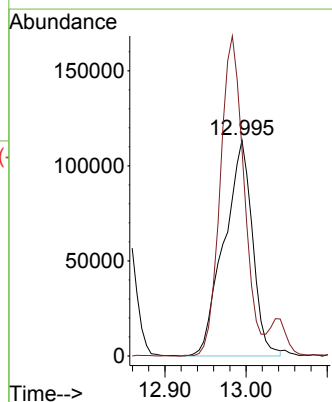
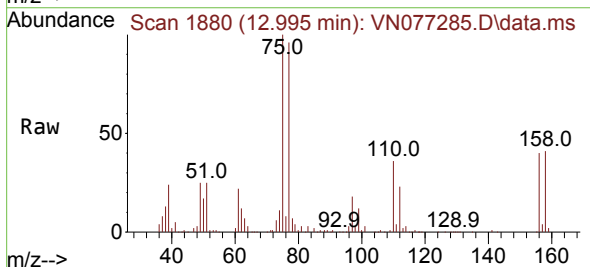
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

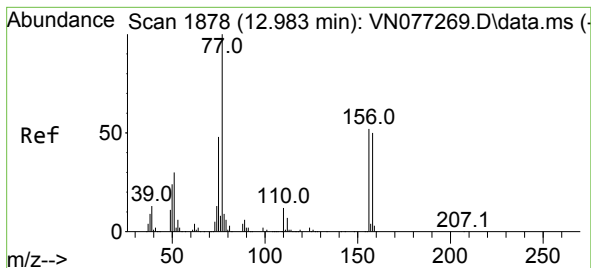
Tgt Ion: 83 Resp: 220338
Ion Ratio Lower Upper
83 100
131 8.9 4.7 14.0
85 64.3 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 35.491 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 75 Resp: 274855
Ion Ratio Lower Upper
75 100
77 125.2 0.0 434.2





#73

Bromobenzene

Concen: 20.362 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

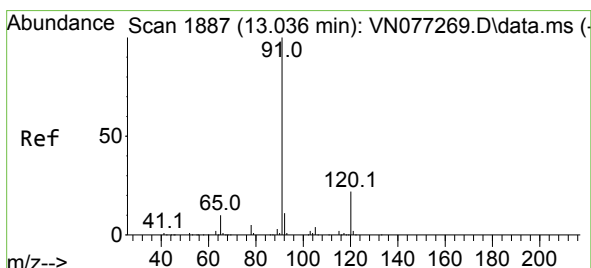
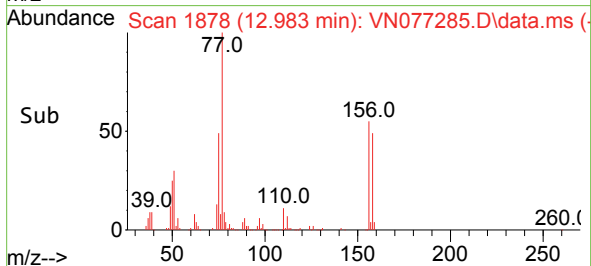
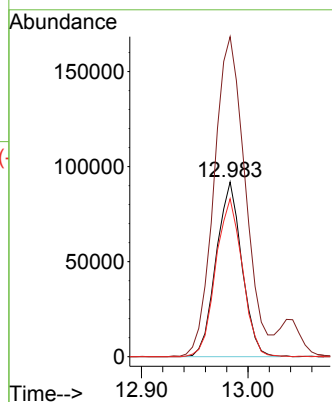
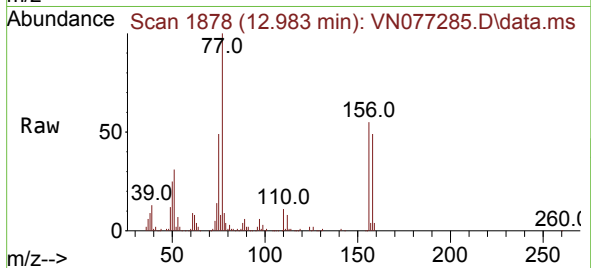
Tgt Ion:156 Resp: 153906

Ion Ratio Lower Upper

156 100

77 223.5 0.0 456.6

158 93.7 0.0 195.6



#74

n-propylbenzene

Concen: 20.034 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077285.D

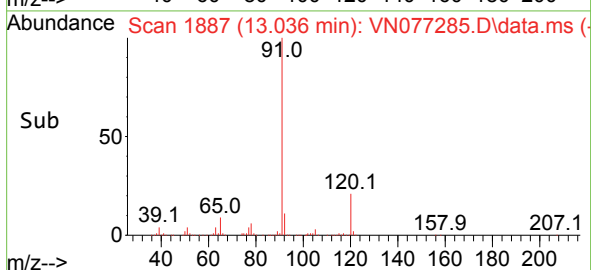
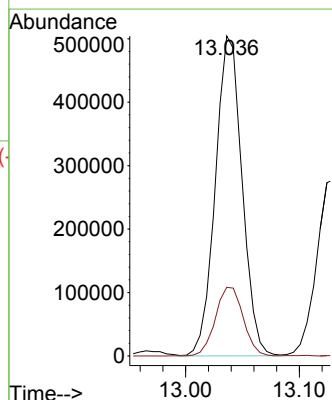
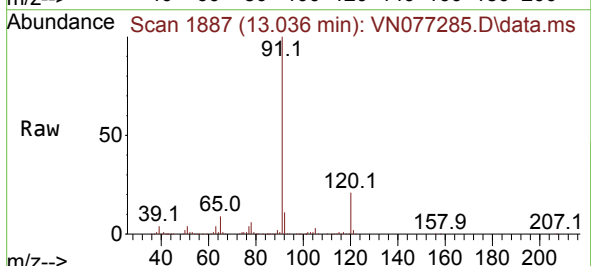
Acq: 10 Apr 2023 10:22

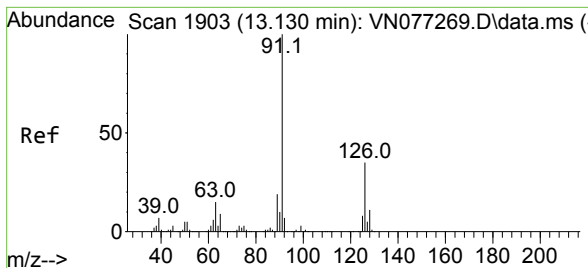
Tgt Ion: 91 Resp: 824673

Ion Ratio Lower Upper

91 100

120 22.3 0.0 45.6





#75

2-Chlorotoluene

Concen: 19.835 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

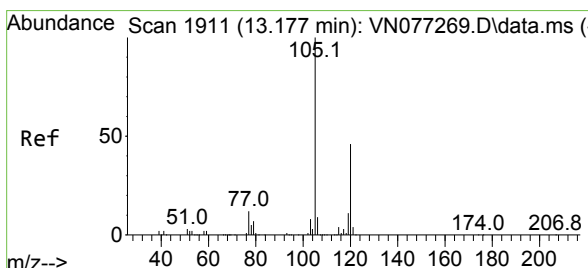
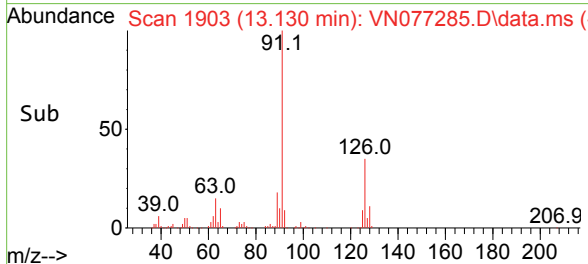
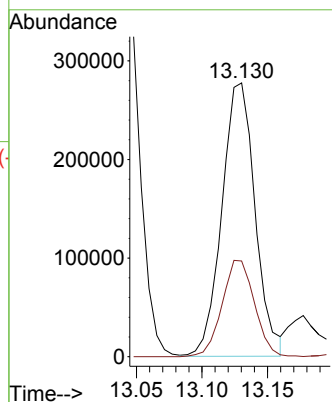
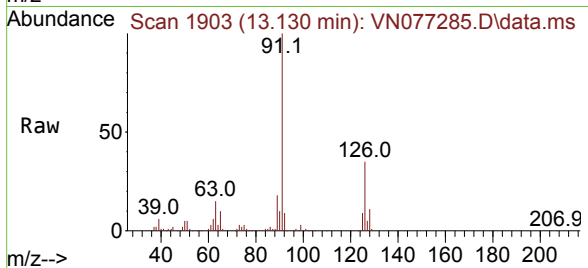
VN0410WBS01

Tgt Ion: 91 Resp: 489120

Ion Ratio Lower Upper

91 100

126 34.4 0.0 67.0



#76

1,3,5-Trimethylbenzene

Concen: 19.926 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077285.D

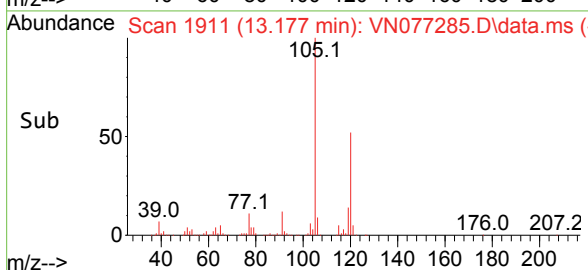
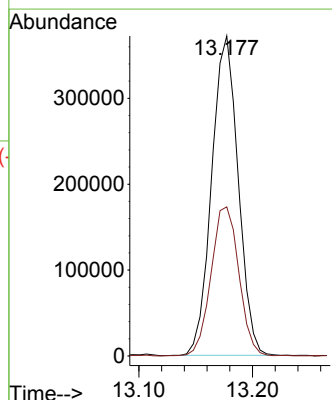
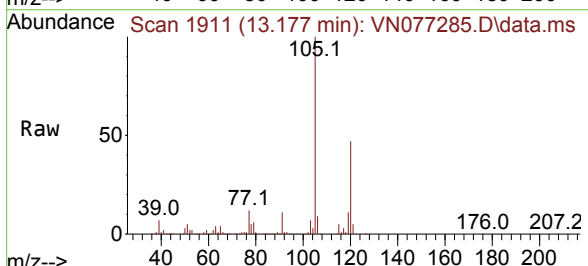
Acq: 10 Apr 2023 10:22

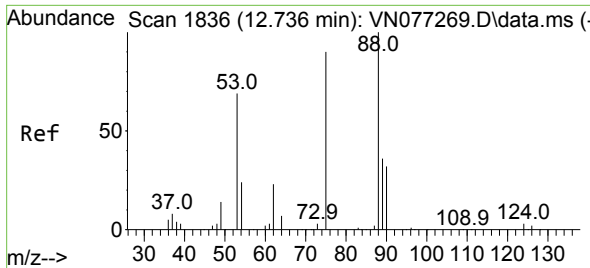
Tgt Ion: 105 Resp: 603346

Ion Ratio Lower Upper

105 100

120 49.0 0.0 94.4

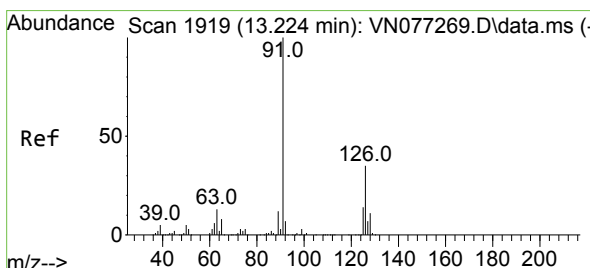
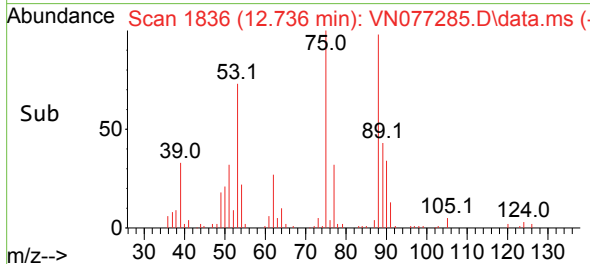
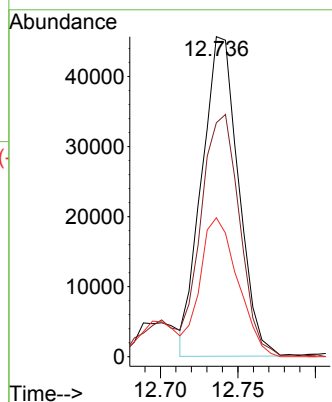
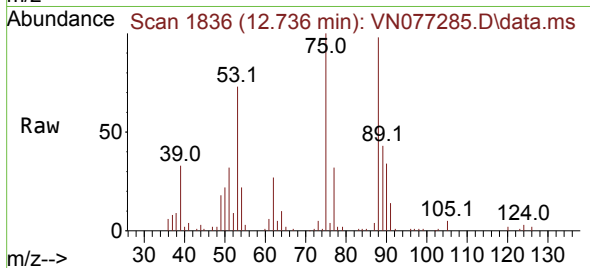




#77
t-1,4-Dichloro-2-butene
Concen: 19.069 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

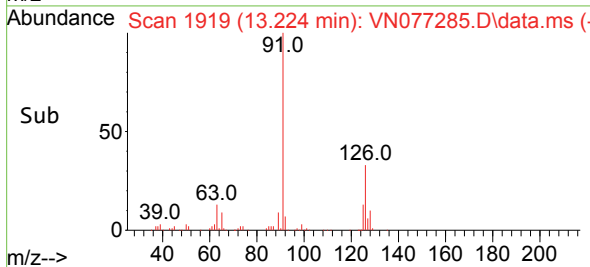
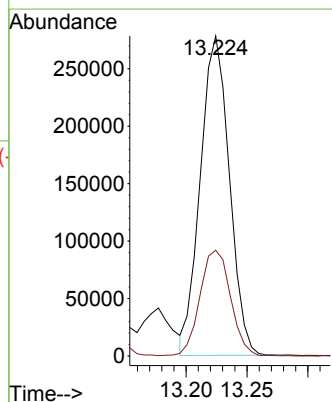
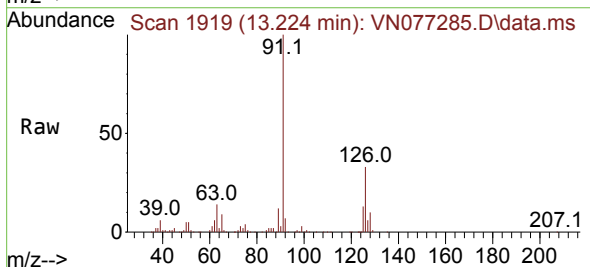
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

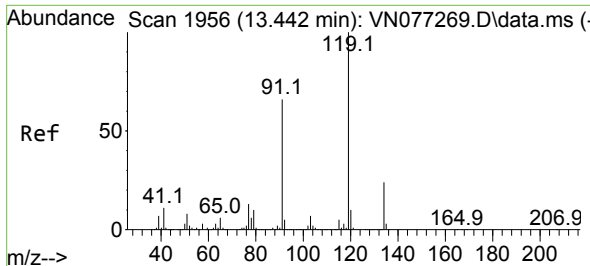
Tgt Ion: 75 Resp: 75220
Ion Ratio Lower Upper
75 100
53 73.0 38.8 116.4
89 43.6 23.2 69.6



#78
4-Chlorotoluene
Concen: 19.793 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 91 Resp: 461187
Ion Ratio Lower Upper
91 100
126 35.0 0.0 67.4

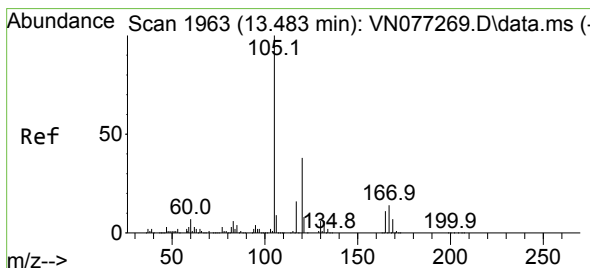
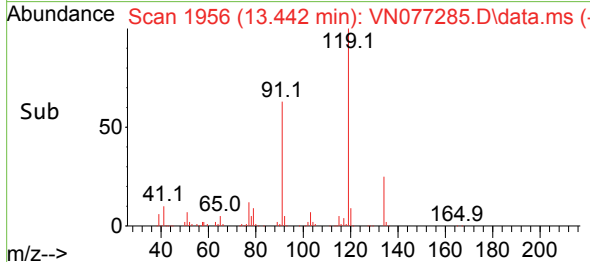
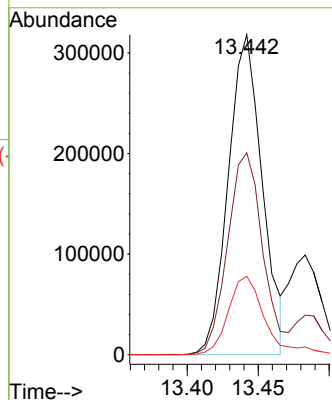
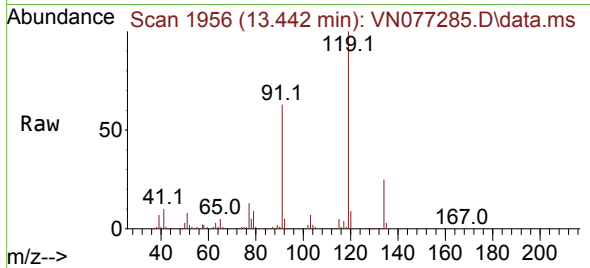




#79
tert-butylbenzene
Concen: 20.124 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

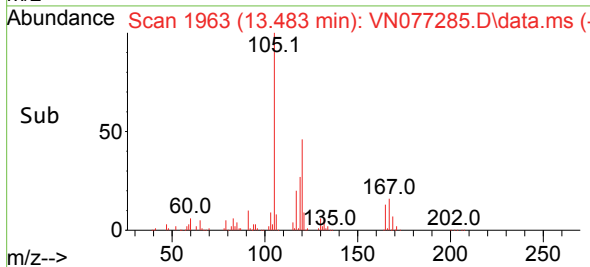
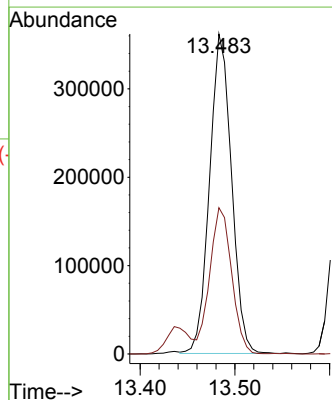
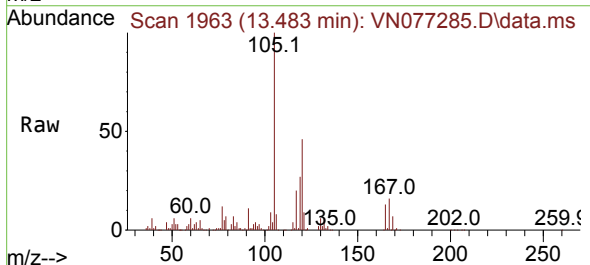
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

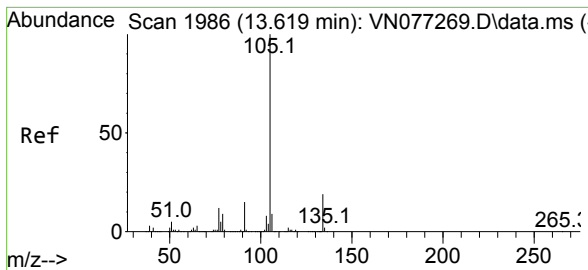
Tgt Ion:119 Resp: 530334
Ion Ratio Lower Upper
119 100
91 65.7 0.0 131.0
134 25.2 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 19.713 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion:105 Resp: 581883
Ion Ratio Lower Upper
105 100
120 45.2 0.0 91.0

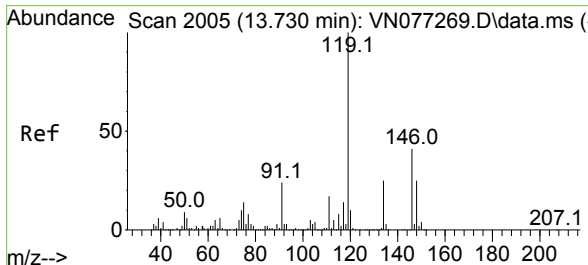
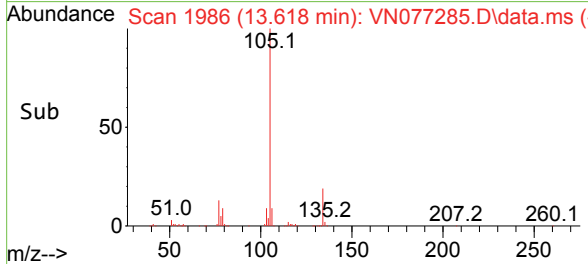
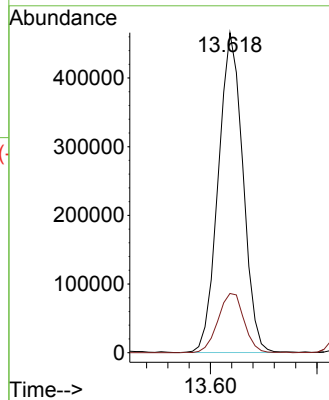
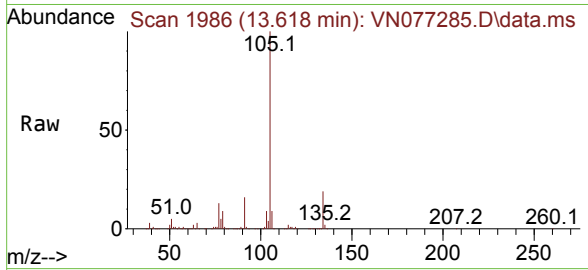




#81
 sec-Butylbenzene
 Concen: 19.848 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

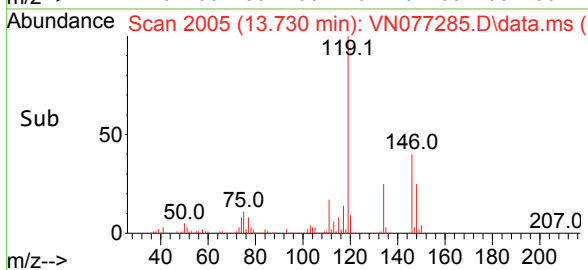
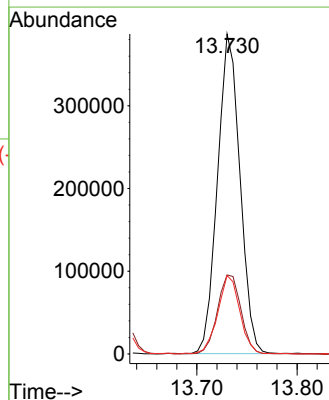
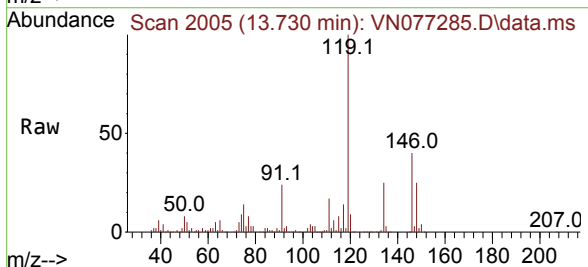
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

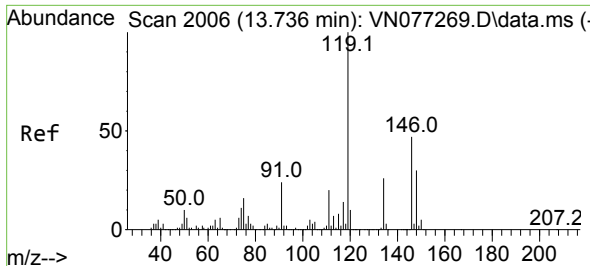
Tgt Ion:105 Resp: 747020
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.949 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Tgt Ion:119 Resp: 601526
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.0
 91 23.9 0.0 48.0

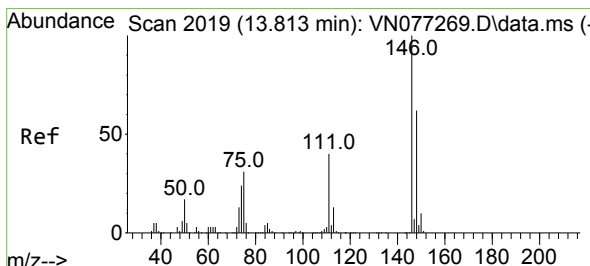
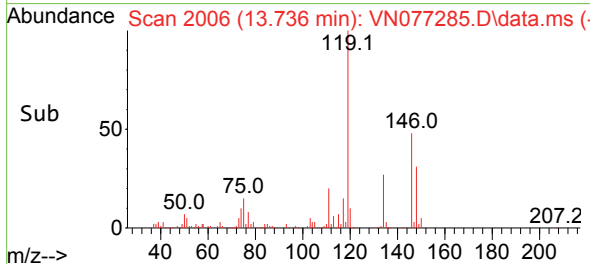
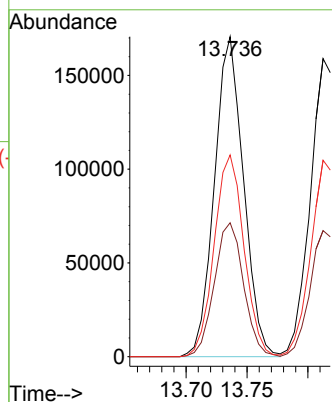
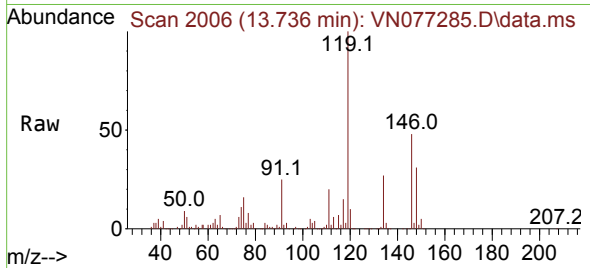




#83
 1,3-Dichlorobenzene
 Concen: 19.811 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

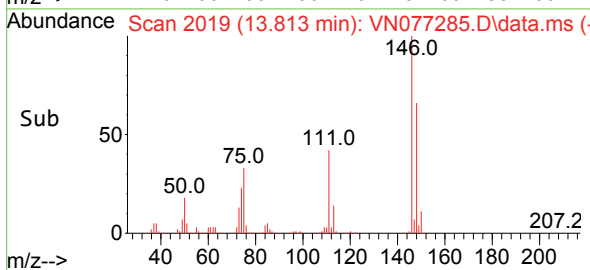
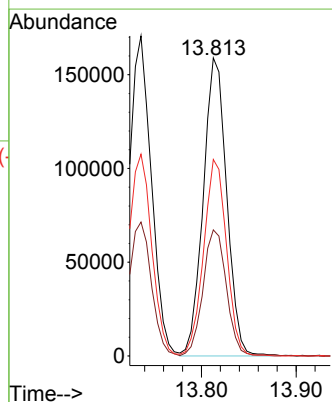
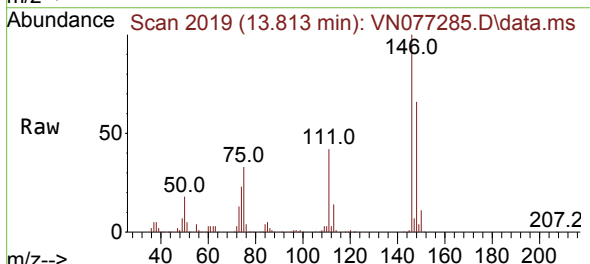
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0410WBS01

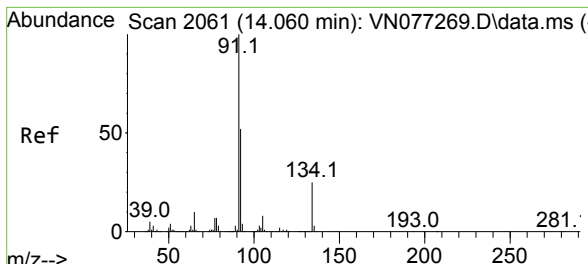
Tgt Ion:146 Resp: 283915
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.2
 148 64.6 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 19.671 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Tgt Ion:146 Resp: 273510
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 61.0
 148 64.3 31.6 94.7



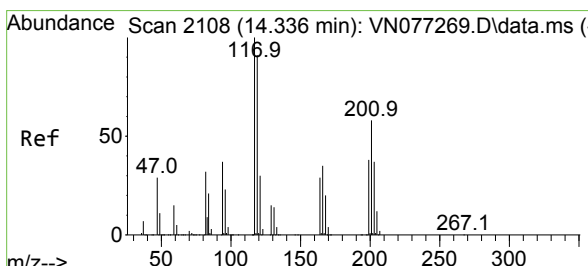
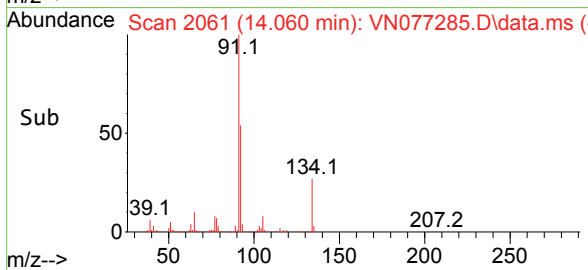
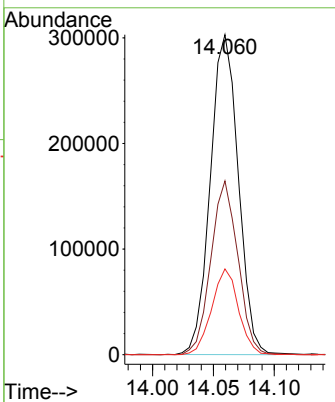
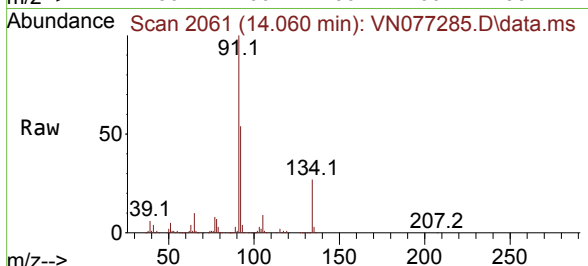


#85
 n-Butylbenzene
 Concen: 19.458 ug/l
 RT: 14.060 min Scan# 2061
 Delta R.T. -0.000 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Instrument : MSVOA_N
 ClientSampleId : VN0410WBS01

Tgt Ion: 91 Resp: 484832

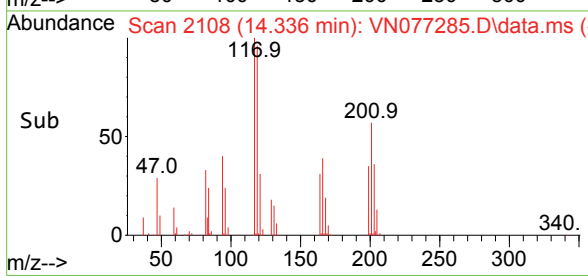
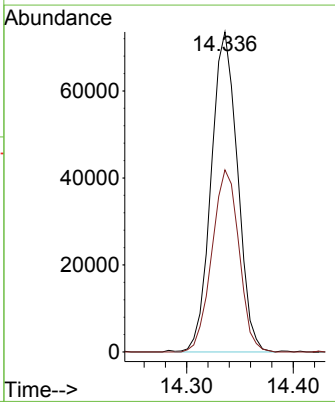
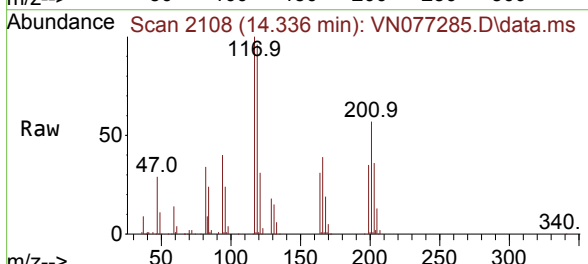
Ion	Ratio	Lower	Upper
91	100		
92	52.5	0.0	105.6
134	25.7	0.0	49.4

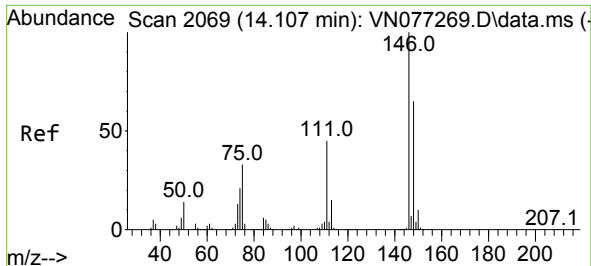


#86
 Hexachloroethane
 Concen: 19.672 ug/l
 RT: 14.336 min Scan# 2108
 Delta R.T. -0.000 min
 Lab File: VN077285.D
 Acq: 10 Apr 2023 10:22

Tgt Ion: 117 Resp: 126179

Ion	Ratio	Lower	Upper
117	100		
201	58.6	29.1	87.4

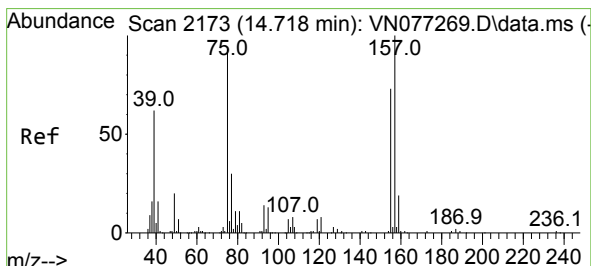
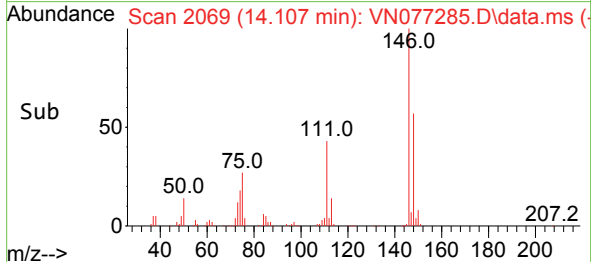
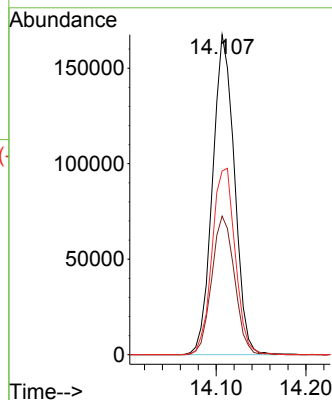
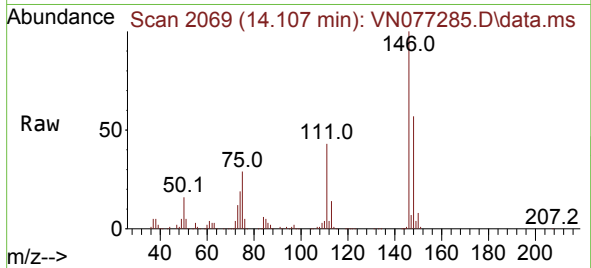




#87
1,2-Dichlorobenzene
Concen: 20.216 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

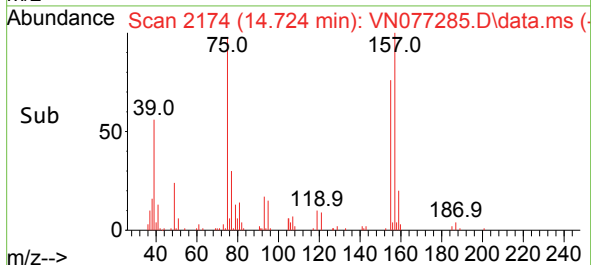
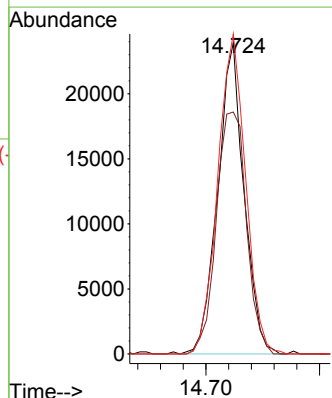
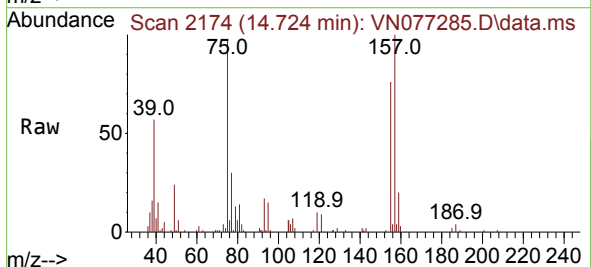
Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

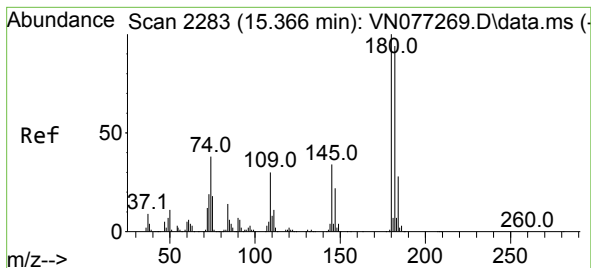
Tgt Ion:146 Resp: 283877
Ion Ratio Lower Upper
146 100
111 44.9 22.1 66.5
148 61.8 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.588 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion: 75 Resp: 38397
Ion Ratio Lower Upper
75 100
155 88.9 67.8 101.6
157 108.6 86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 16.890 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.001 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN0410WBS01

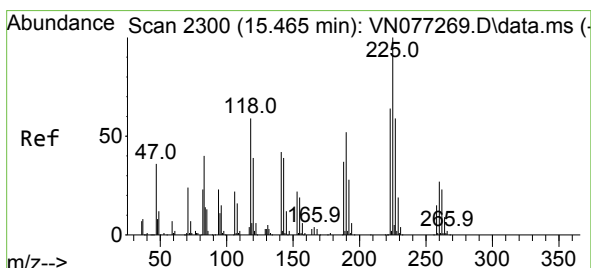
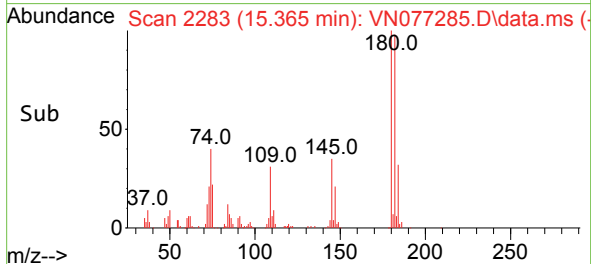
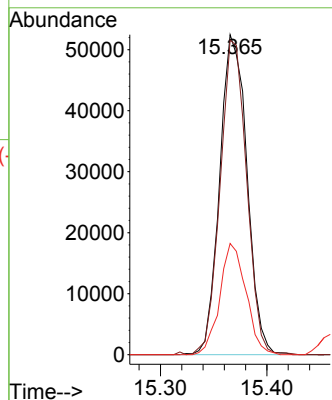
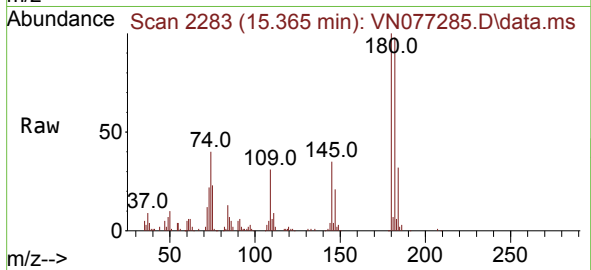
Tgt Ion:180 Resp: 93292

Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

145 33.4 26.7 40.1



#90

Hexachlorobutadiene

Concen: 20.529 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077285.D

Acq: 10 Apr 2023 10:22

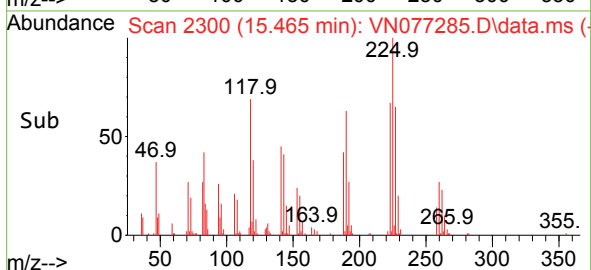
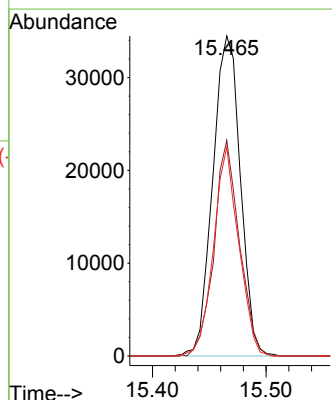
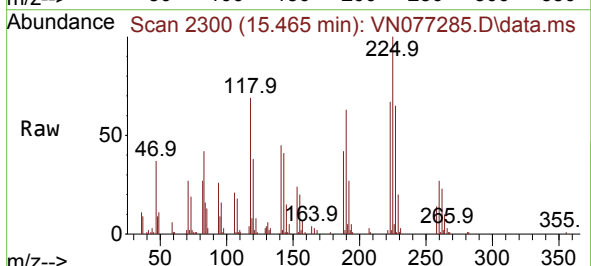
Tgt Ion:225 Resp: 58155

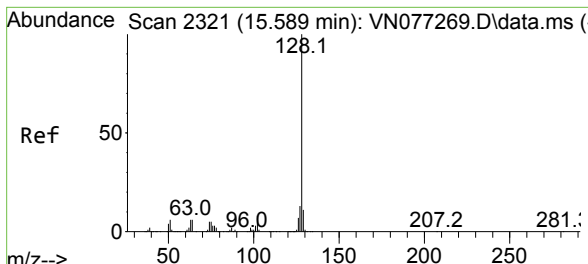
Ion Ratio Lower Upper

225 100

223 61.9 0.0 126.0

227 59.6 0.0 127.2



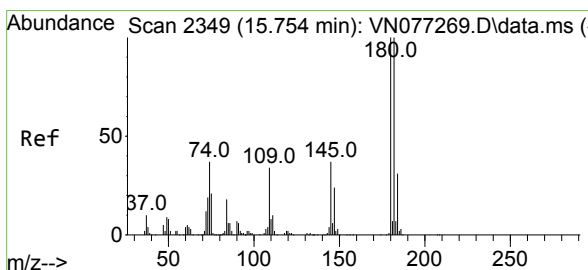
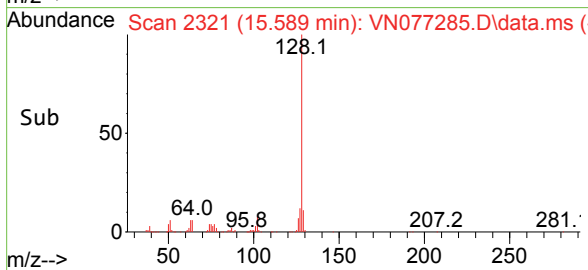
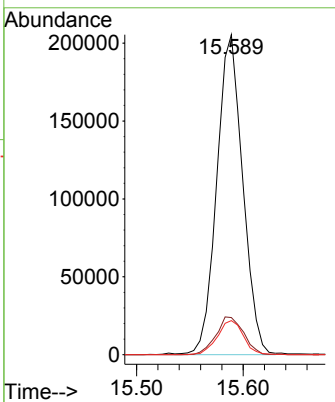
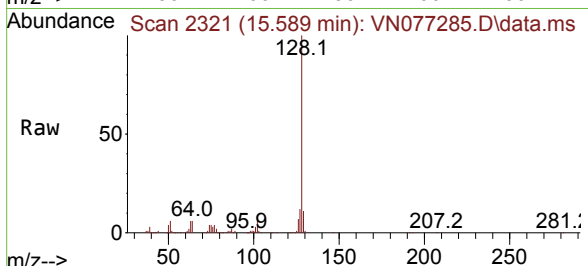


#91
Naphthalene
Concen: 16.473 ug/l
RT: 15.589 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN0410WBS01

Tgt Ion:128 Resp: 347610

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	10.7	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 16.847 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077285.D
Acq: 10 Apr 2023 10:22

Tgt Ion:180 Resp: 90799

Ion	Ratio	Lower	Upper
180	100		
182	89.5	0.0	190.4
145	34.6	0.0	72.4

