

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077988.D
 Acq On : 31 May 2023 12:41
 Operator : JC\MD
 Sample : VN0531WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

Quant Time: Jun 01 01:50:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	351888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	628886	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	555741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	274481	52.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.260%	
35) Dibromofluoromethane	8.177	113	236371	57.639	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.280%	
50) Toluene-d8	10.576	98	854053	54.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.220%	
62) 4-Bromofluorobenzene	12.853	95	281296	50.458	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.920%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	68102	17.005	ug/l	99
3) Chloromethane	2.371	50	80407	17.783	ug/l	97
4) Vinyl Chloride	2.524	62	101487	20.100	ug/l	97
5) Bromomethane	2.971	94	80201	21.477	ug/l	99
6) Chloroethane	3.130	64	74211	20.395	ug/l	95
7) Trichlorofluoromethane	3.506	101	145366	20.659	ug/l	100
8) Diethyl Ether	3.971	74	52992	20.629	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	79995	20.543	ug/l	97
10) Methyl Iodide	4.600	142	106160	22.859	ug/l	96
11) Tert butyl alcohol	5.530	59	69980	96.306	ug/l	96
12) 1,1-Dichloroethene	4.347	96	75221	20.324	ug/l	94
13) Acrolein	4.189	56	29359	40.916	ug/l	90
14) Allyl chloride	5.030	41	113931	20.955	ug/l	95
15) Acrylonitrile	5.730	53	188341	97.018	ug/l	98
16) Acetone	4.442	43	160612	96.960	ug/l	100
17) Carbon Disulfide	4.718	76	180113	18.061	ug/l	96
18) Methyl Acetate	5.036	43	136950	19.707	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	276536	20.643	ug/l	97
20) Methylene Chloride	5.289	84	95132	20.915	ug/l	89
21) trans-1,2-Dichloroethene	5.800	96	87104	20.952	ug/l #	86
22) Diisopropyl ether	6.683	45	260834	20.467	ug/l	95
23) Vinyl Acetate	6.618	43	751331	95.154	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	167845	21.498	ug/l	98
25) 2-Butanone	7.494	43	239393	92.385	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	138797	20.925	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	104816	21.027	ug/l	91
28) Bromochloromethane	7.824	49	69591	20.610	ug/l	90
29) Tetrahydrofuran	7.847	42	155181	91.459	ug/l	85
30) Chloroform	7.977	83	182189	21.213	ug/l	92
31) Cyclohexane	8.265	56	136233	19.037	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	155063	21.236	ug/l	97
36) 1,1-Dichloropropene	8.377	75	127678	21.286	ug/l	98
37) Ethyl Acetate	7.571	43	98214	18.371	ug/l #	93
38) Carbon Tetrachloride	8.371	117	137777	22.747	ug/l	92
39) Methylcyclohexane	9.612	83	139159	18.950	ug/l	93
40) Benzene	8.612	78	391533	22.120	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	57191	20.087	ug/l	90
42) 1,2-Dichloroethane	8.682	62	139856	21.751	ug/l	97
43) Isopropyl Acetate	8.700	43	173300	19.845	ug/l	95
44) Trichloroethene	9.359	130	101057	22.548	ug/l	95
45) 1,2-Dichloropropane	9.629	63	102705	22.748	ug/l	95
46) Dibromomethane	9.712	93	72148	22.332	ug/l	98
47) Bromodichloromethane	9.894	83	139354	22.530	ug/l	98
48) Methyl methacrylate	9.688	41	81331	19.644	ug/l	91
49) 1,4-Dioxane	9.706	88	31045	397.003	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	521483	100.464	ug/l	93
52) Toluene	10.635	92	247300	22.442	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	140640	21.472	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	157659	21.842	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	101135	23.115	ug/l	94
56) Ethyl methacrylate	10.882	69	136769	20.674	ug/l #	91
57) 1,3-Dichloropropane	11.171	76	168023	22.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	253270	77.819	ug/l	92
59) 2-Hexanone	11.206	43	358966	93.496	ug/l	91
60) Dibromochloromethane	11.365	129	104691	23.178	ug/l	99
61) 1,2-Dibromoethane	11.476	107	99568	22.811	ug/l	98
64) Tetrachloroethene	11.112	164	93664	24.100	ug/l	97
65) Chlorobenzene	11.900	112	264914	21.989	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	100277	24.055	ug/l	96
67) Ethyl Benzene	11.970	91	466184	21.592	ug/l	98
68) m/p-Xylenes	12.076	106	354341	43.314	ug/l	97
69) o-Xylene	12.406	106	175865	21.859	ug/l	96
70) Styrene	12.417	104	272661	21.334	ug/l	97
71) Bromoform	12.588	173	61592	22.210	ug/l #	99
73) Isopropylbenzene	12.700	105	449869	23.656	ug/l	99
74) N-amyl acetate	12.500	43	134154	19.085	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	132667	22.676	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	156635	28.350	ug/l	75
77) Bromobenzene	12.988	156	99032	22.819	ug/l	98
78) n-propylbenzene	13.041	91	511920	22.833	ug/l	100
79) 2-Chlorotoluene	13.135	91	314460	23.505	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	379672	23.754	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.747	75	34014	19.679	ug/l #	79
82) 4-Chlorotoluene	13.229	91	291723	21.916	ug/l	98
83) tert-Butylbenzene	13.447	119	323281	23.169	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	375198	23.869	ug/l	98
85) sec-Butylbenzene	13.623	105	443114	22.345	ug/l	100
86) p-Isopropyltoluene	13.735	119	359068	22.713	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	170610	21.257	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	165883	20.828	ug/l	97
89) n-Butylbenzene	14.064	91	281374	19.350	ug/l	98
90) Hexachloroethane	14.341	117	60116	23.147	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	172299	22.980	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	21597	19.067	ug/l	98
93) 1,2,4-Trichlorobenzene	15.406	180	63564	14.507	ug/l	99
94) Hexachlorobutadiene	15.511	225	34013	18.696	ug/l	96
95) Naphthalene	15.647	128	182822	12.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	69406	16.179	ug/l	96

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QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

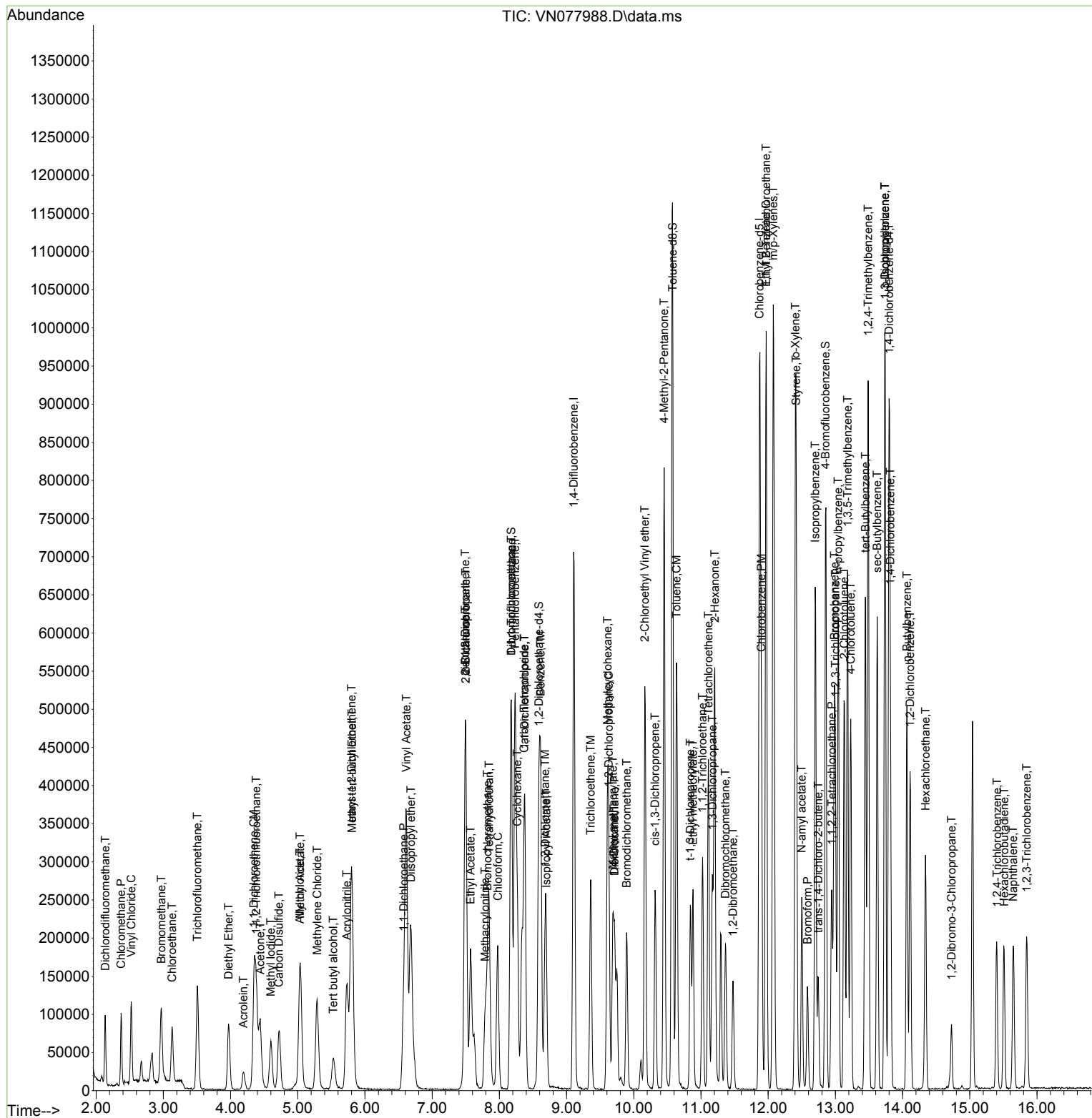
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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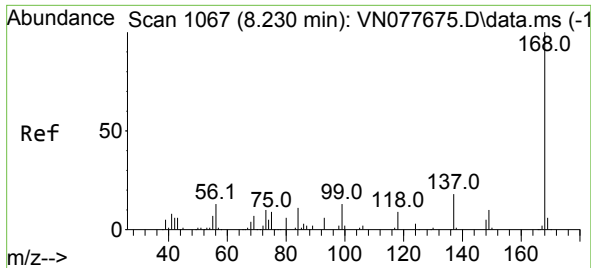
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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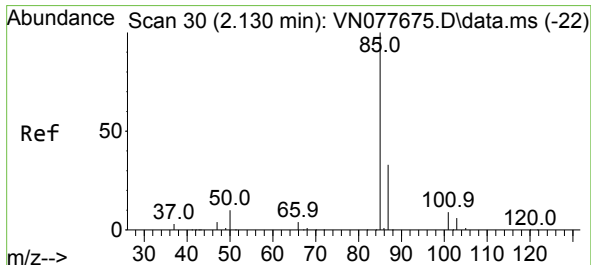
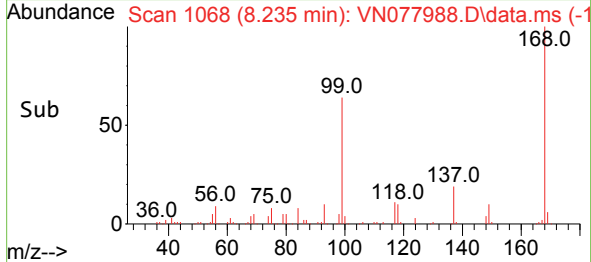
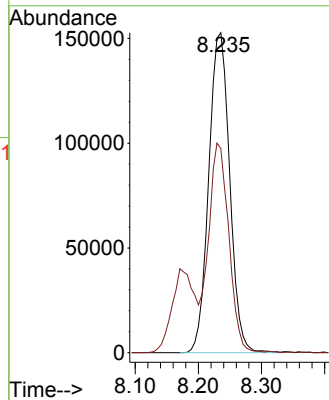
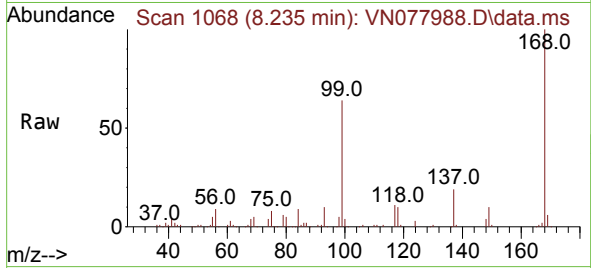




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
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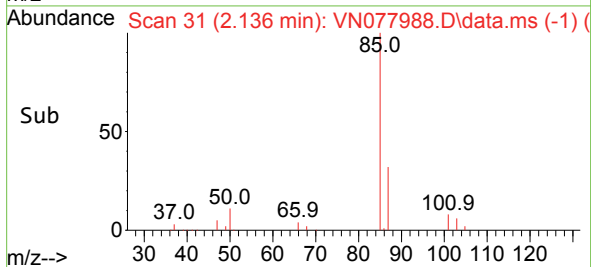
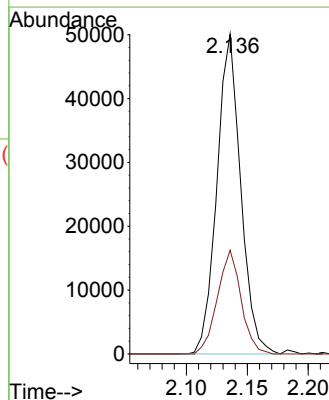
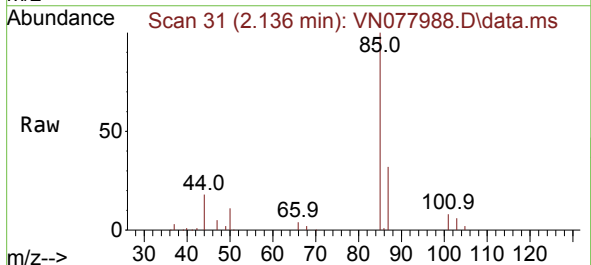
Instrument :
MSVOA_N
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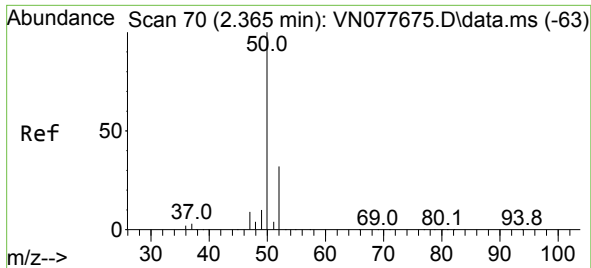
Tgt Ion:168 Resp: 351888
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.005 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 85 Resp: 68102
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4

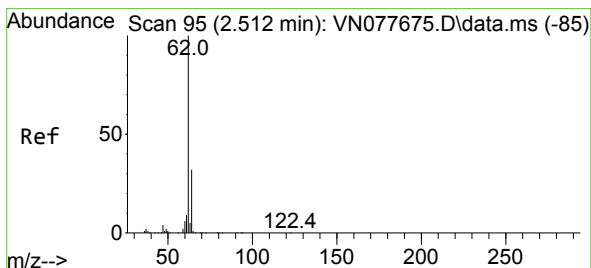
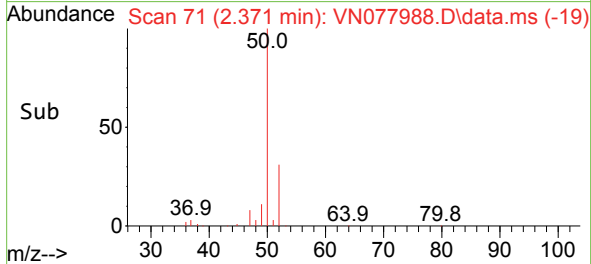
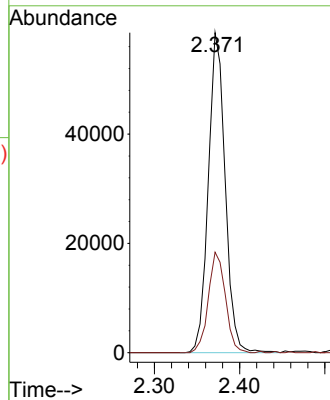
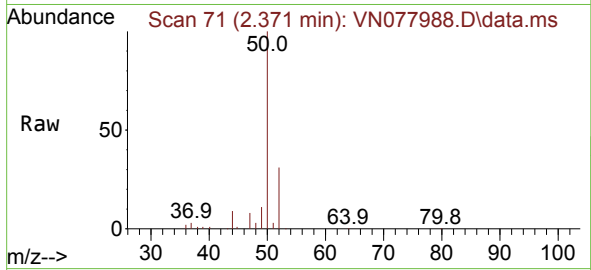




#3
Chloromethane
Concen: 17.783 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

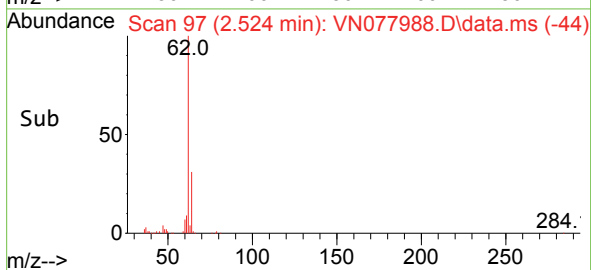
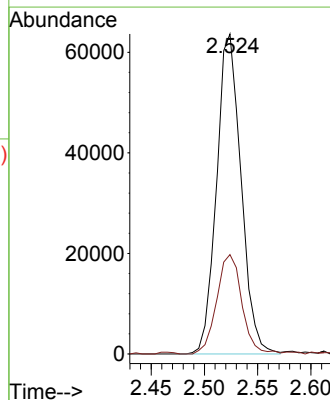
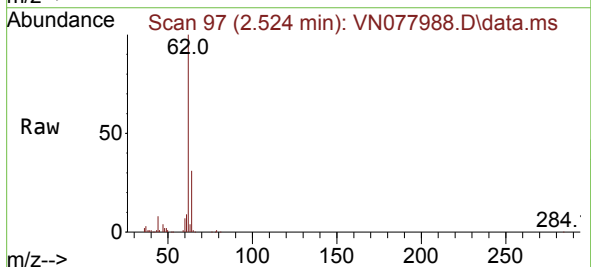
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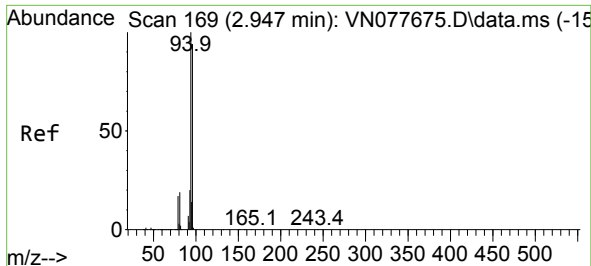
Tgt Ion: 50 Resp: 80407
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7



#4
Vinyl Chloride
Concen: 20.100 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 62 Resp: 101487
Ion Ratio Lower Upper
62 100
64 31.0 26.2 39.2

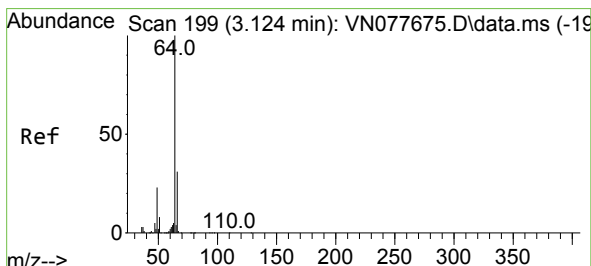
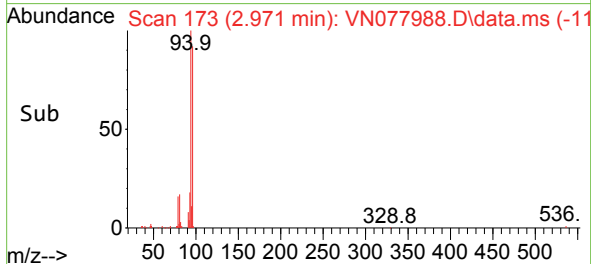
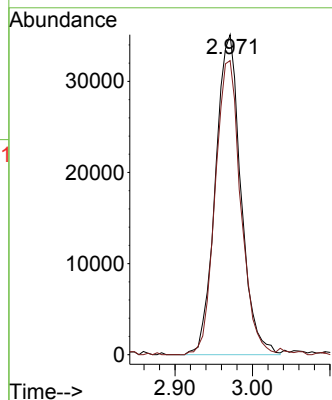
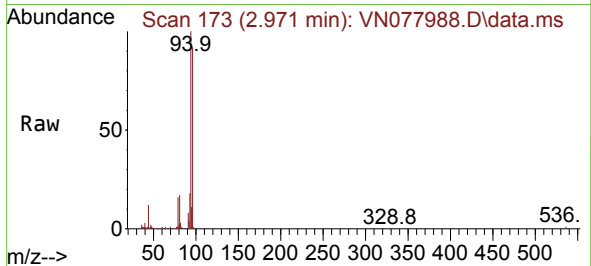




#5
Bromomethane
Concen: 21.477 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077988.D
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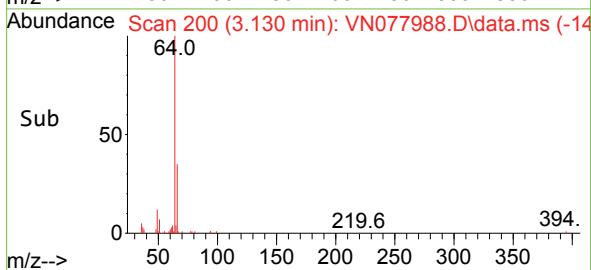
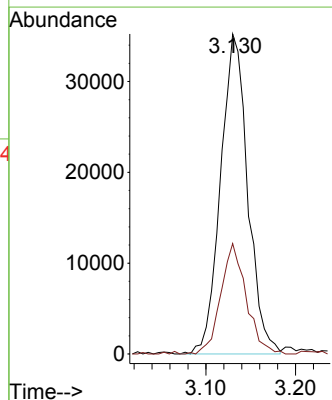
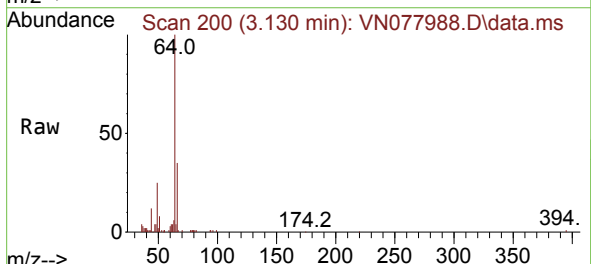
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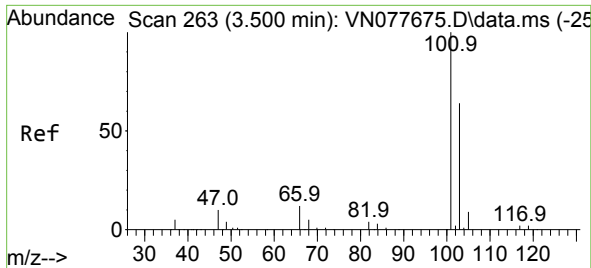
Tgt Ion: 94 Resp: 80201
Ion Ratio Lower Upper
94 100
96 91.9 73.1 109.7



#6
Chloroethane
Concen: 20.395 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077988.D
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Tgt Ion: 64 Resp: 74211
Ion Ratio Lower Upper
64 100
66 34.5 25.4 38.2

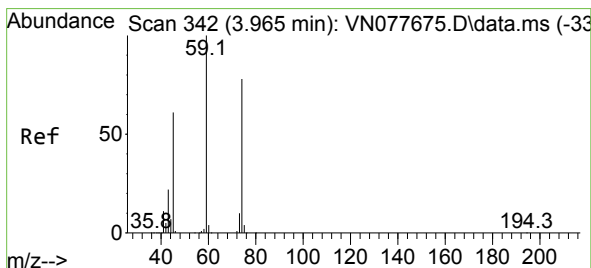
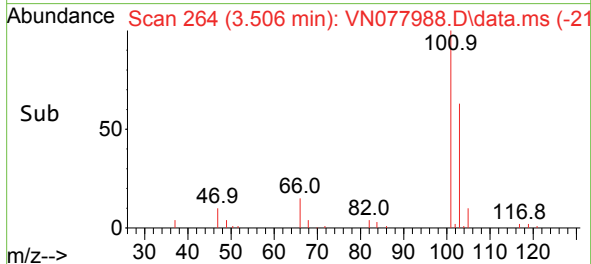
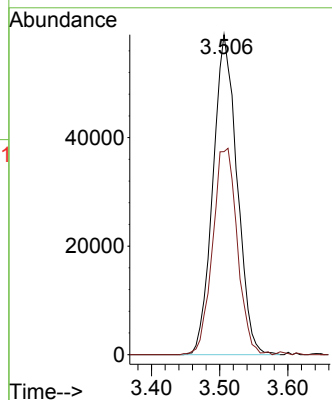
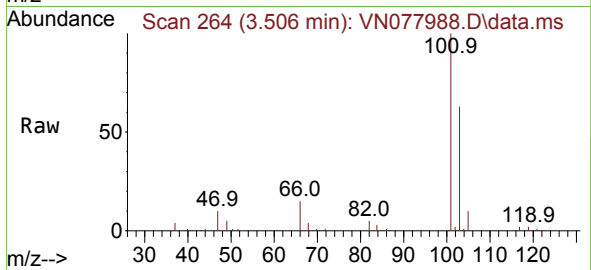




#7
 Trichlorofluoromethane
 Concen: 20.659 ug/l
 RT: 3.506 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VN077988.D
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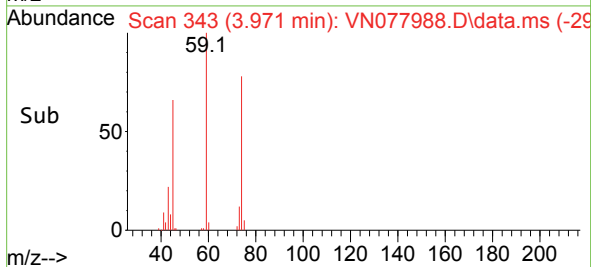
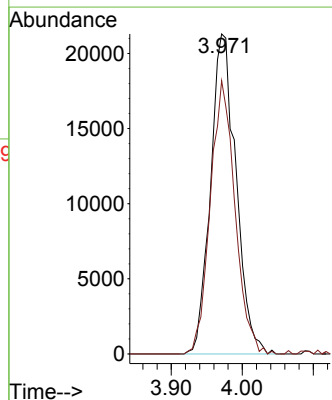
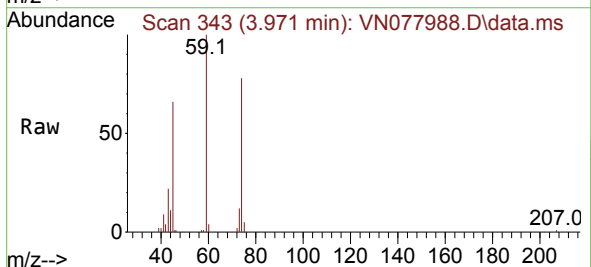
Instrument :
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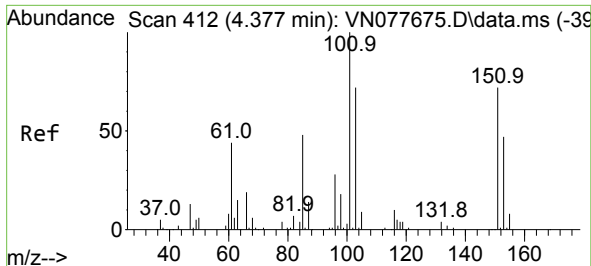
Tgt Ion:101 Resp: 145366
 Ion Ratio Lower Upper
 101 100
 103 63.4 50.7 76.1



#8
 Diethyl Ether
 Concen: 20.629 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 52992
 Ion Ratio Lower Upper
 74 100
 45 82.8 34.4 103.3

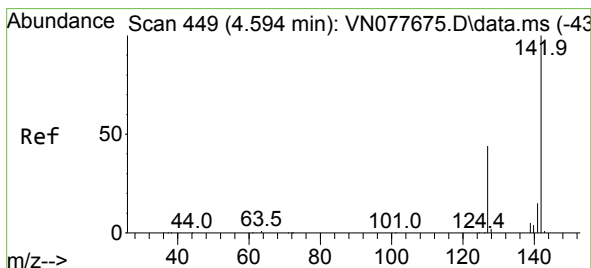
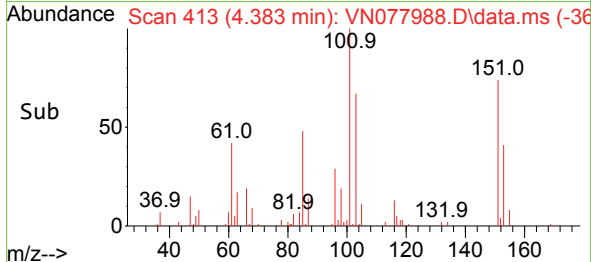
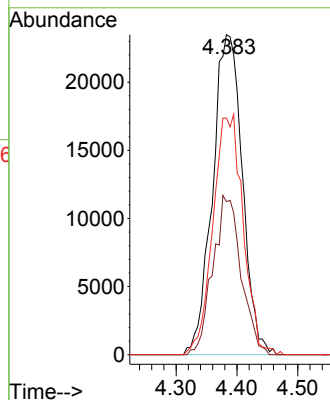
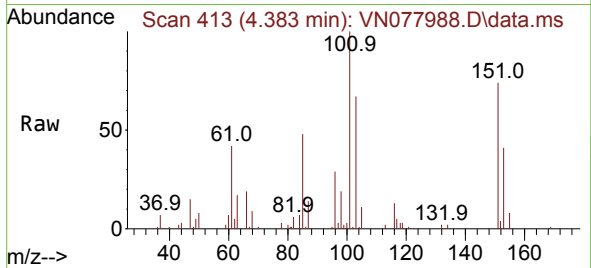




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.543 ug/l
RT: 4.383 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

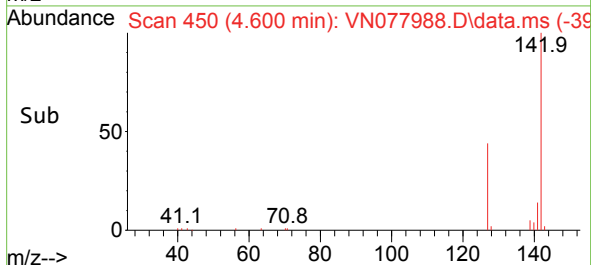
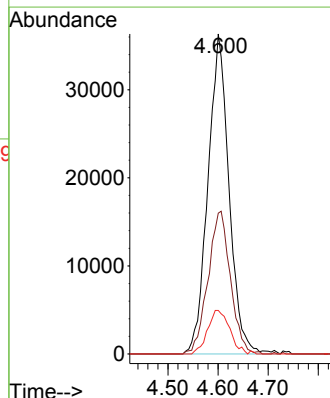
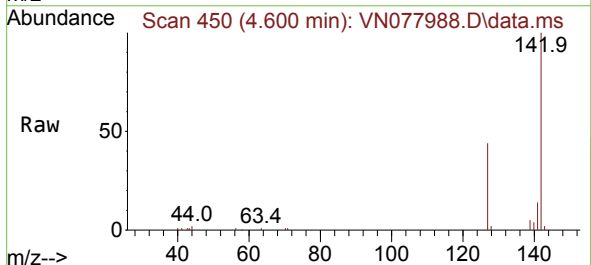
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

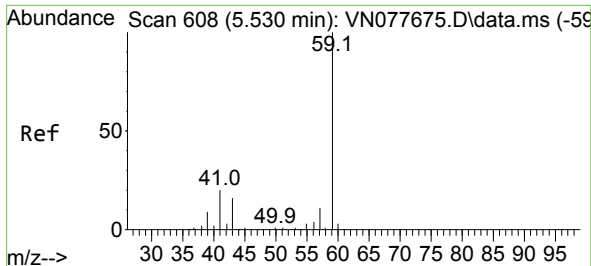
Tgt Ion:101 Resp: 79995
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 75.7 57.6 86.4



#10
Methyl Iodide
Concen: 22.859 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:142 Resp: 106160
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 13.6 11.4 17.0

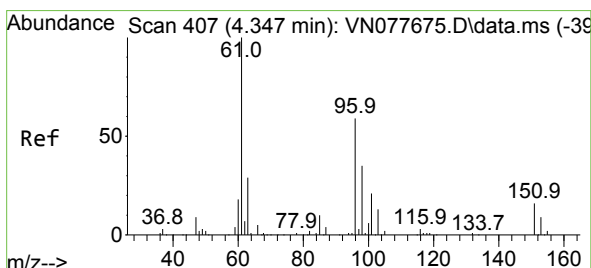
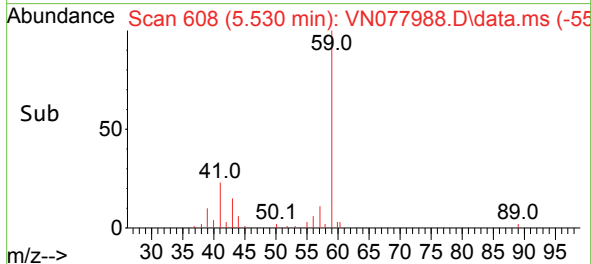
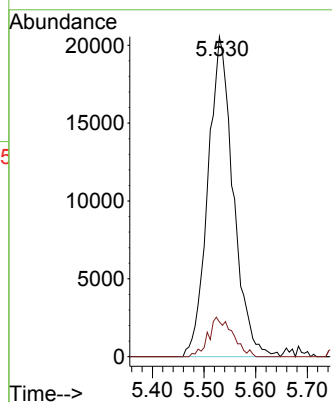
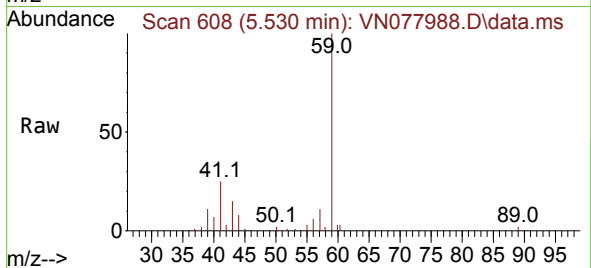




#11
Tert butyl alcohol
Concen: 96.306 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

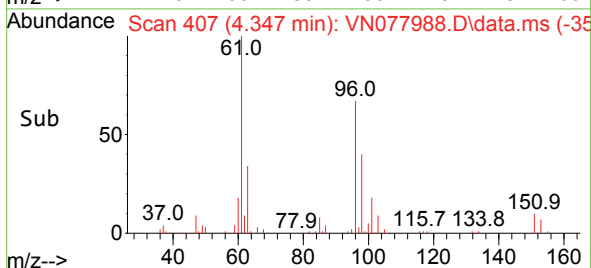
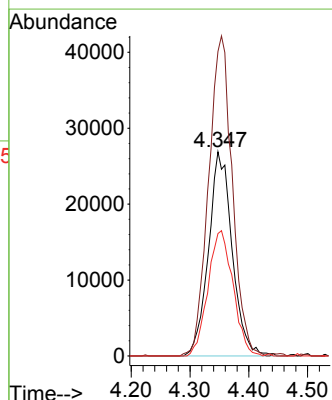
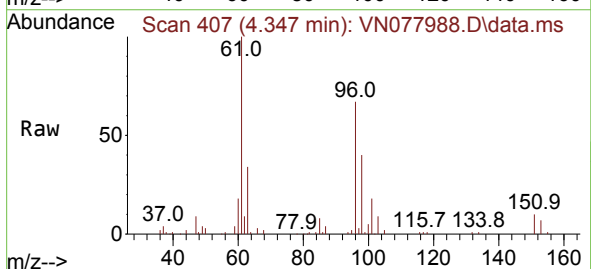
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

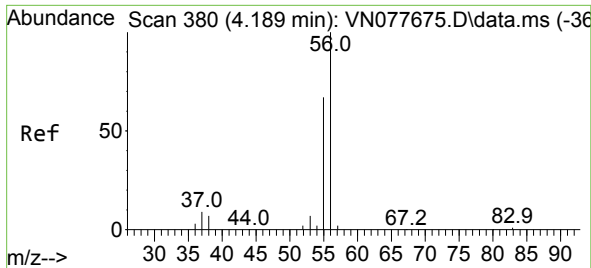
Tgt Ion: 59 Resp: 69980
Ion Ratio Lower Upper
59 100
57 11.8 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.324 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 96 Resp: 75221
Ion Ratio Lower Upper
96 100
61 149.2 112.7 169.1
98 60.0 51.2 76.8

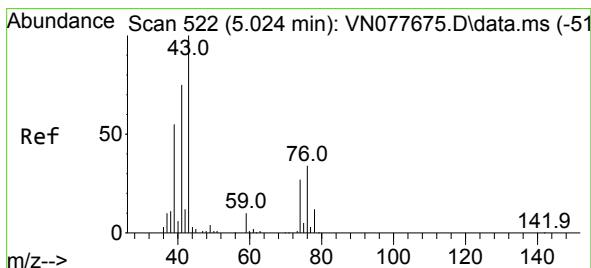
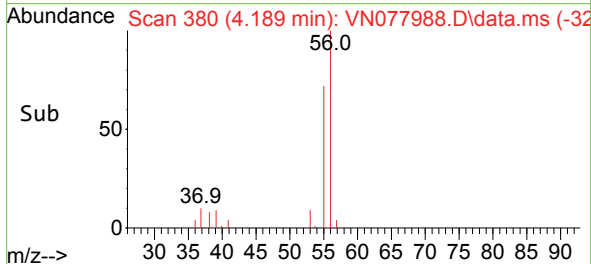
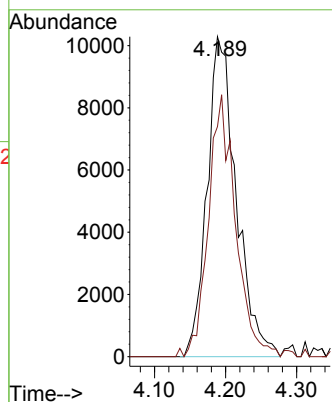
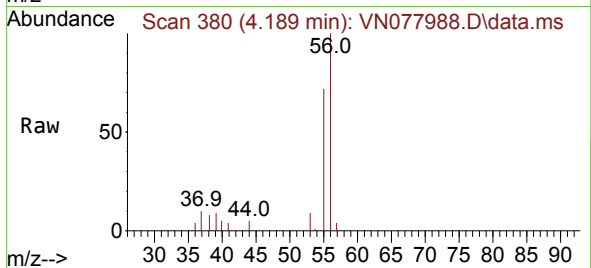




#13
Acrolein
Concen: 40.916 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

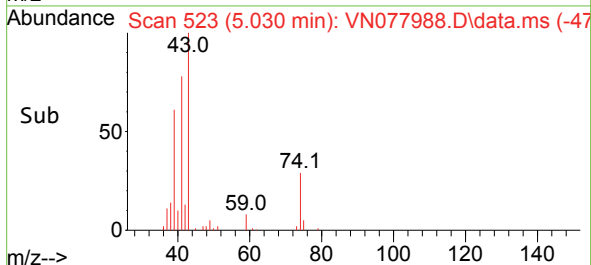
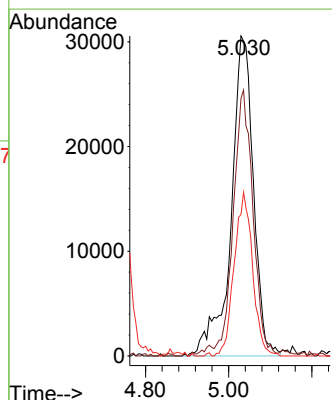
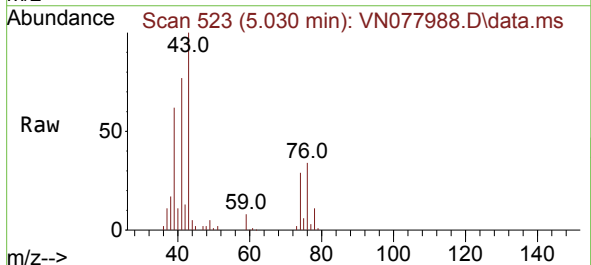
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

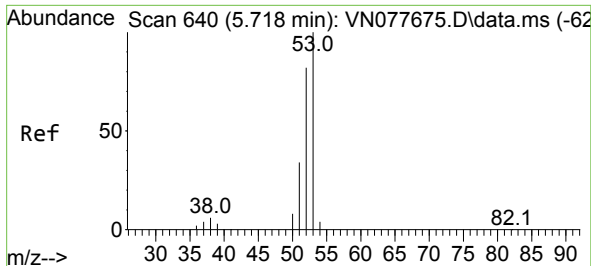
Tgt Ion: 56 Resp: 29359
Ion Ratio Lower Upper
56 100
55 75.9 54.5 81.7



#14
Allyl chloride
Concen: 20.955 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 41 Resp: 113931
Ion Ratio Lower Upper
41 100
39 71.4 58.8 88.2
76 42.1 39.1 58.7

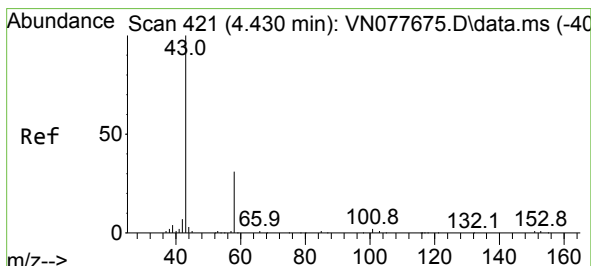
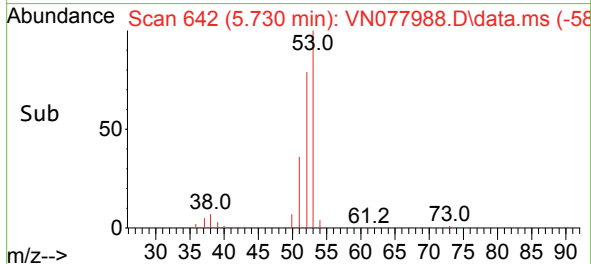
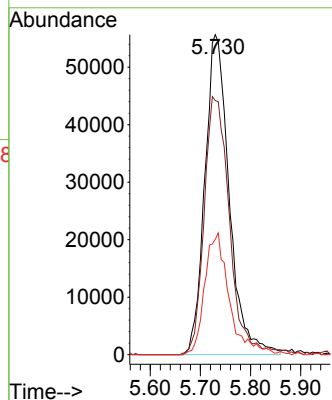
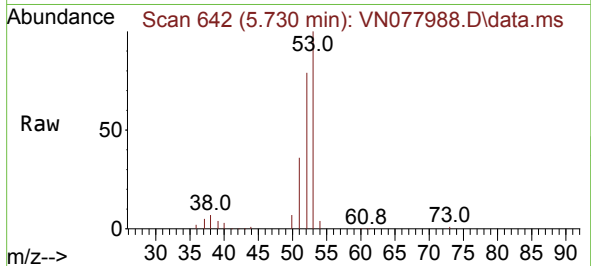




#15
Acrylonitrile
Concen: 97.018 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

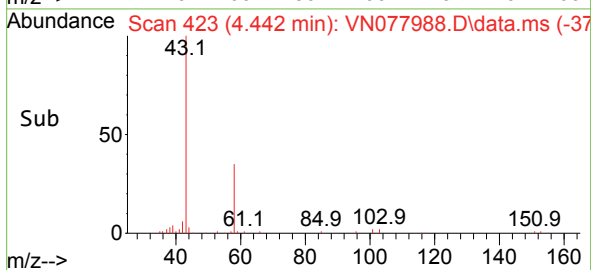
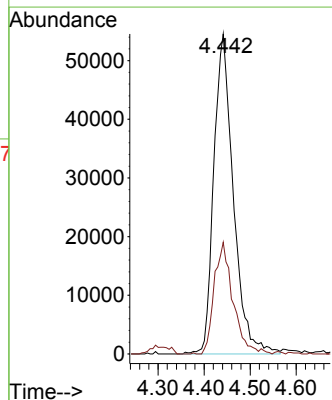
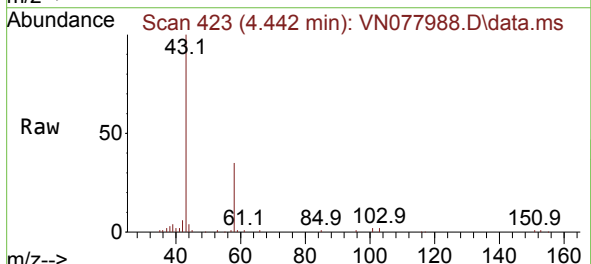
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

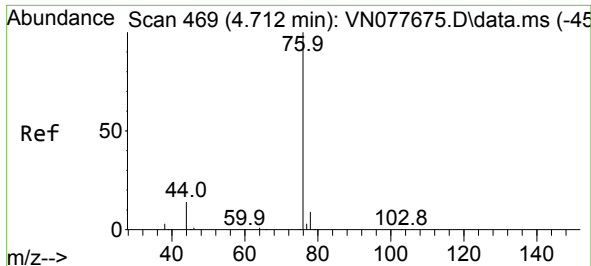
Tgt Ion: 53 Resp: 188341
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 38.2 28.9 43.3



#16
Acetone
Concen: 96.960 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 43 Resp: 160612
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0

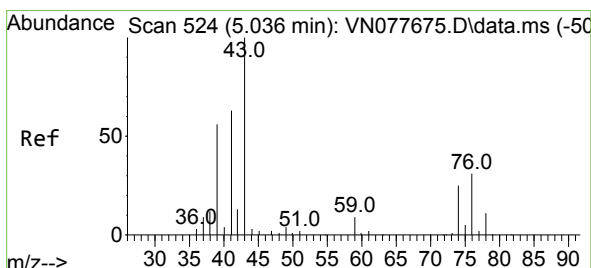
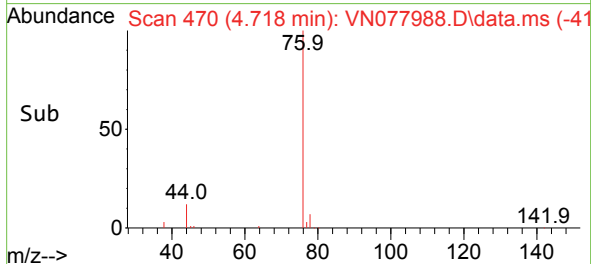
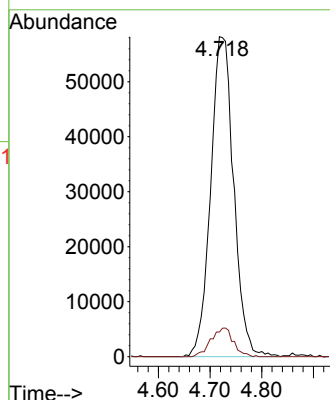
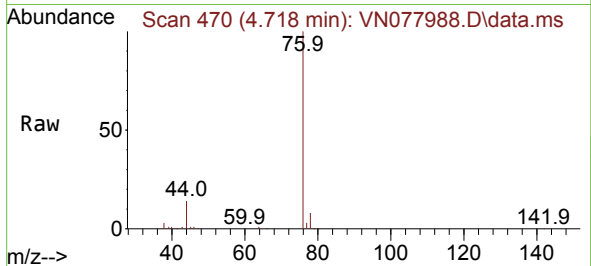




#17
Carbon Disulfide
Concen: 18.061 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

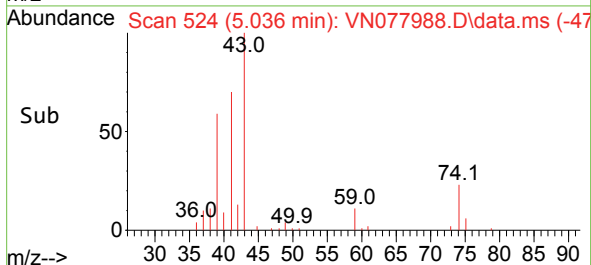
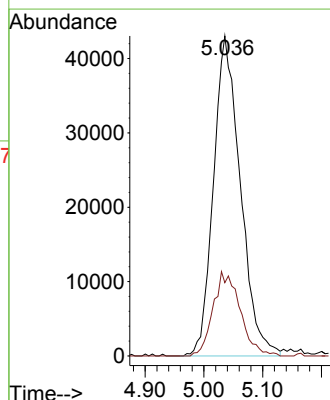
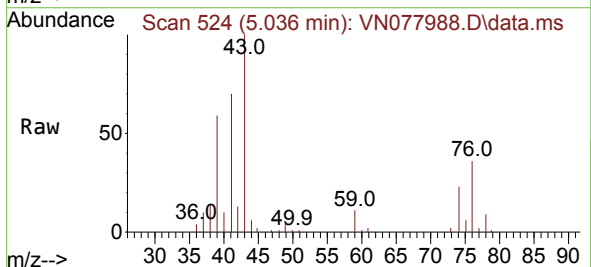
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

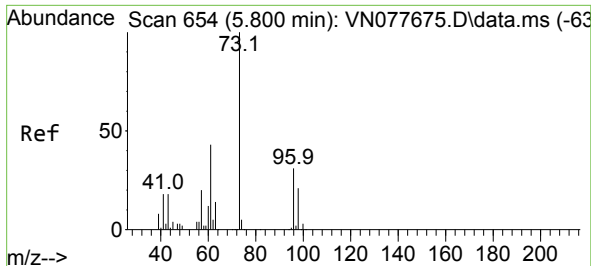
Tgt Ion: 76 Resp: 180113
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 19.707 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 43 Resp: 136950
Ion Ratio Lower Upper
43 100
74 26.5 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 20.643 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

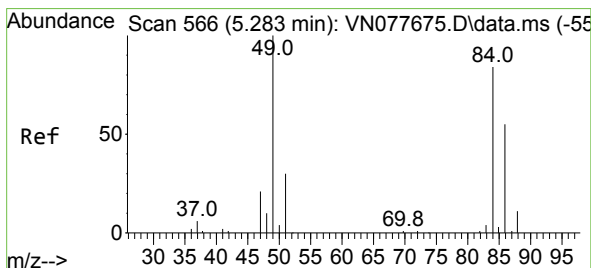
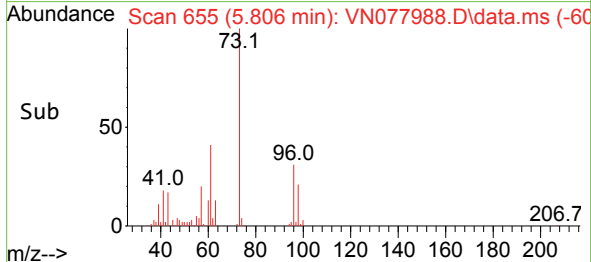
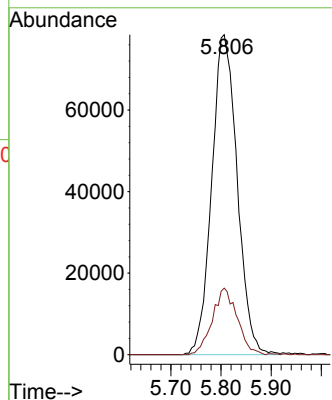
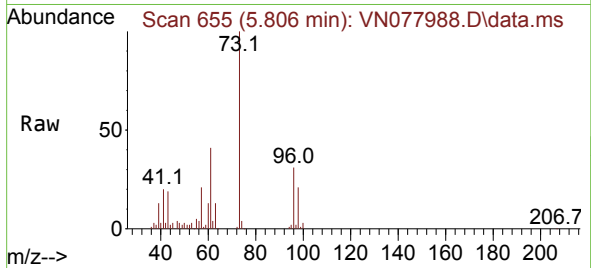
VN0531WBSD01

Tgt Ion: 73 Resp: 276536

Ion Ratio Lower Upper

73 100

57 20.8 15.6 23.4



#20

Methylene Chloride

Concen: 20.915 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Tgt Ion: 84 Resp: 95132

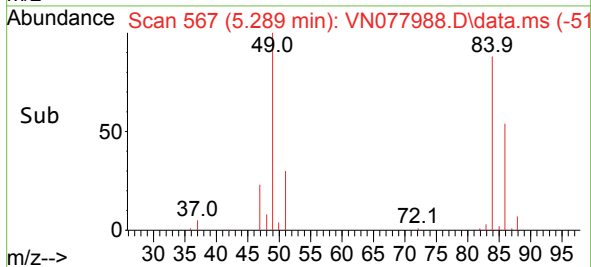
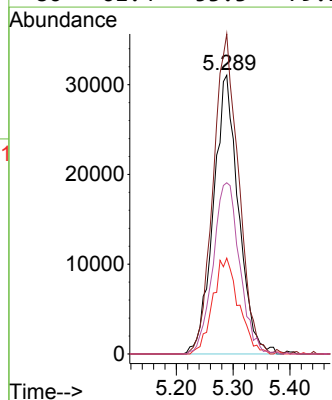
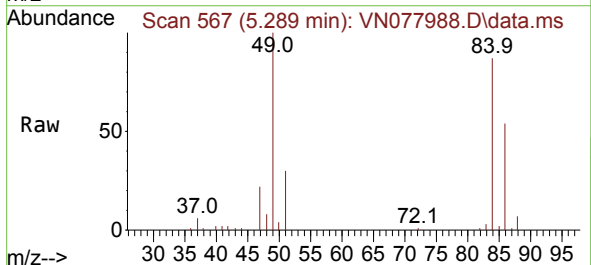
Ion Ratio Lower Upper

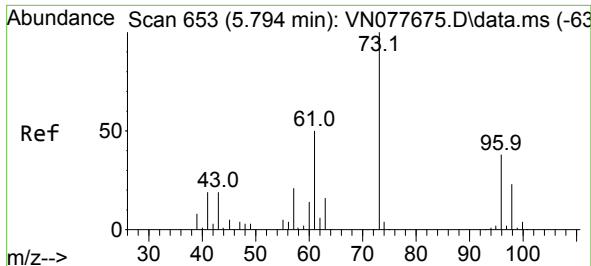
84 100

49 114.8 79.7 119.5

51 34.4 25.2 37.8

86 61.4 53.3 79.9

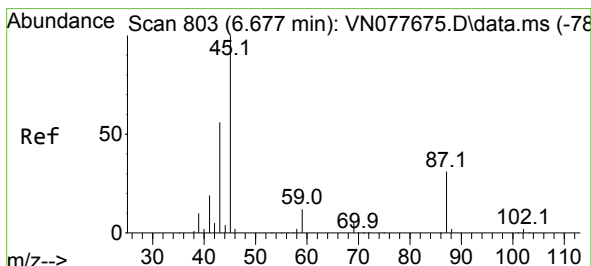
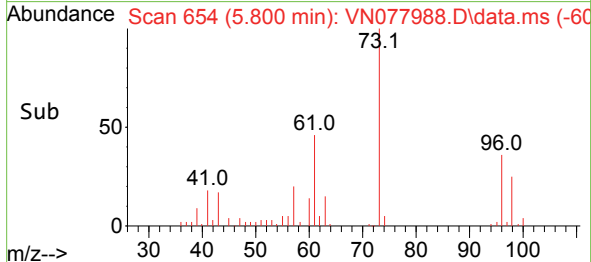
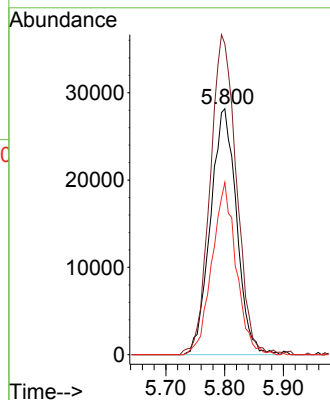
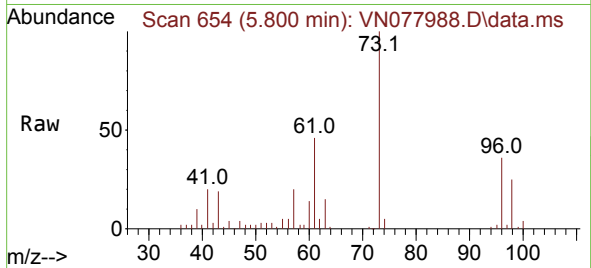




#21
trans-1,2-Dichloroethene
Concen: 20.952 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

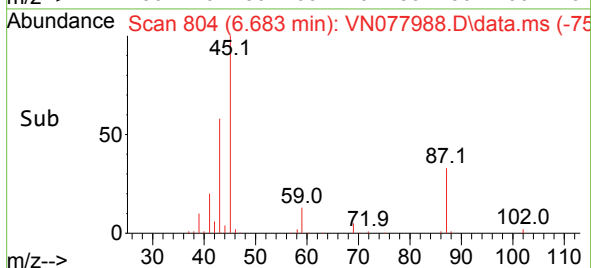
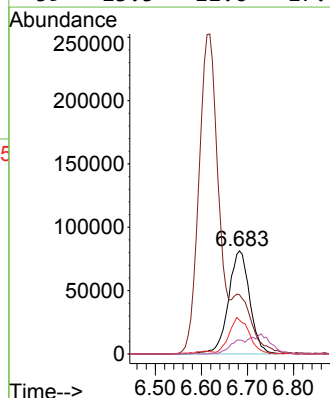
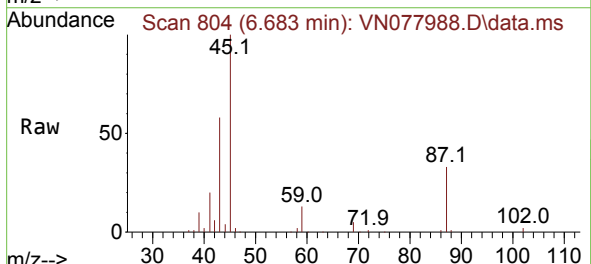
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

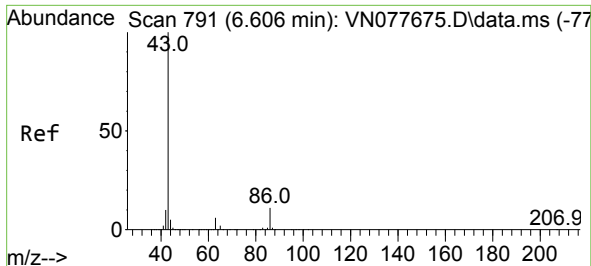
Tgt Ion: 96 Resp: 87104
Ion Ratio Lower Upper
96 100
61 126.4 90.1 135.1
98 70.0 46.4 69.6#



#22
Diisopropyl ether
Concen: 20.467 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 45 Resp: 260834
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 32.3 31.8 47.8
59 13.5 11.6 17.4

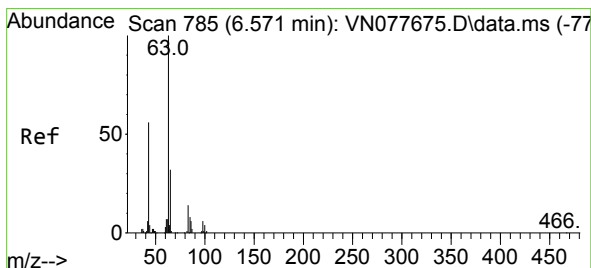
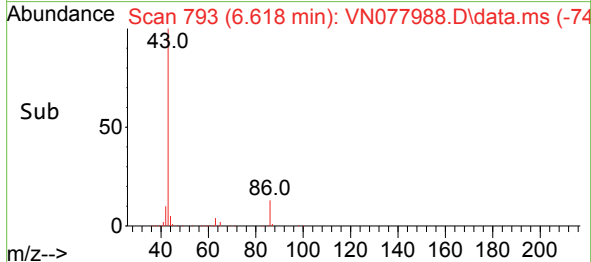
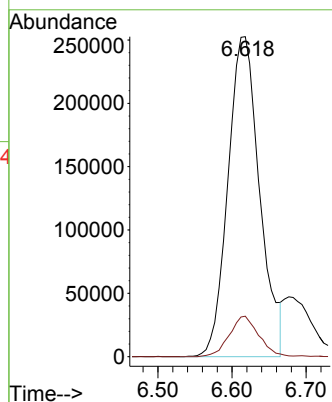
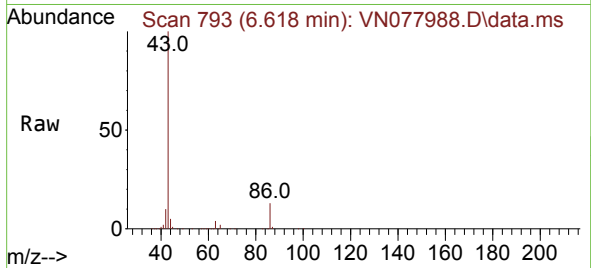




#23
 Vinyl Acetate
 Concen: 95.154 ug/l
 RT: 6.618 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN077988.D
 Acq: 31 May 2023 12:41

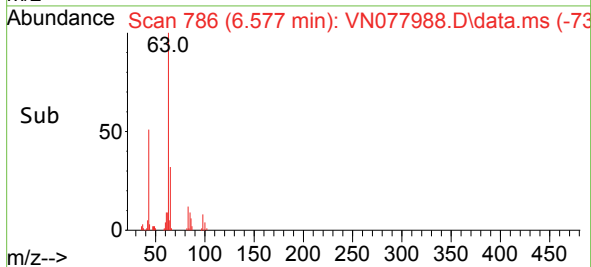
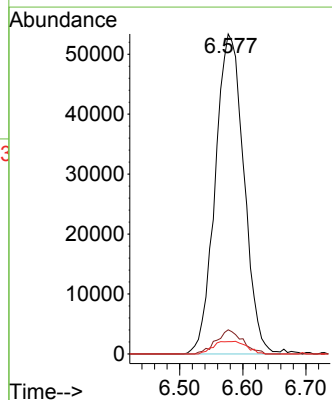
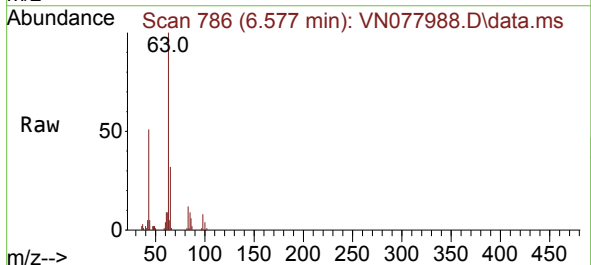
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

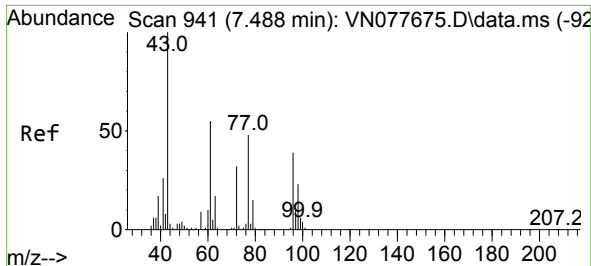
Tgt Ion: 43 Resp: 751331
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 21.498 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077988.D
 Acq: 31 May 2023 12:41

Tgt Ion: 63 Resp: 167845
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 3.8 2.5 7.4

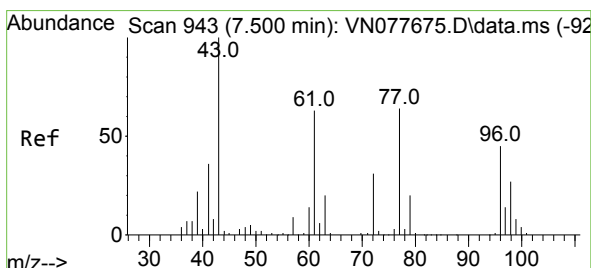
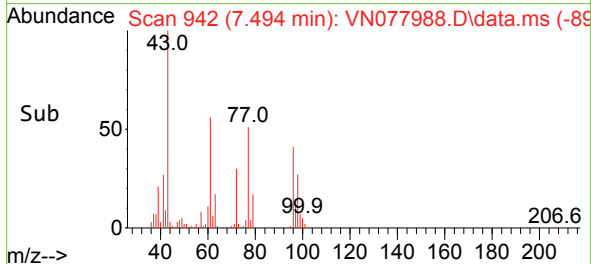
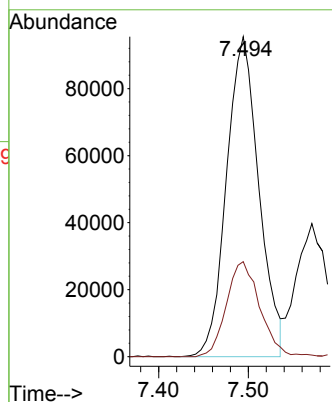
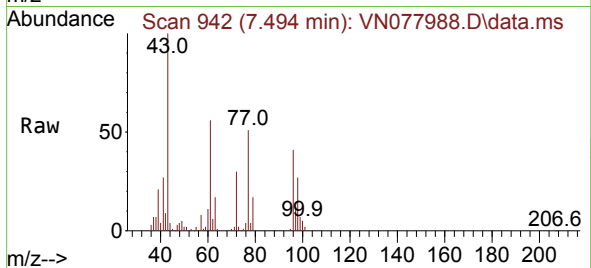




#25
2-Butanone
Concen: 92.385 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

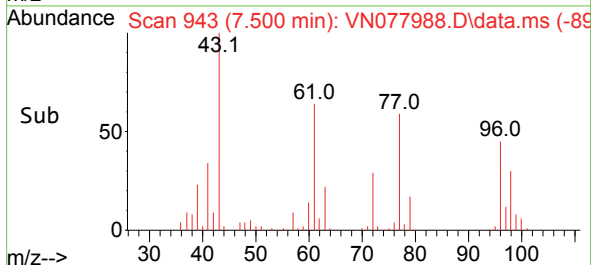
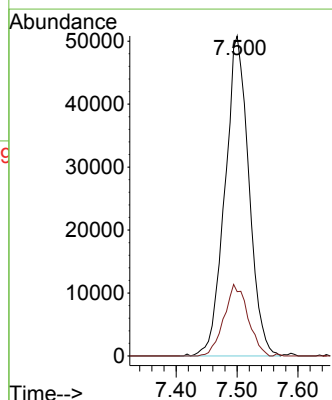
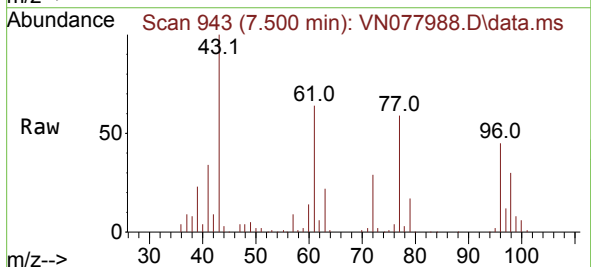
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

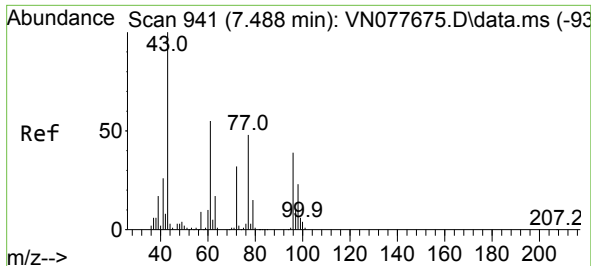
Tgt Ion: 43 Resp: 239393
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 20.925 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 77 Resp: 138797
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6

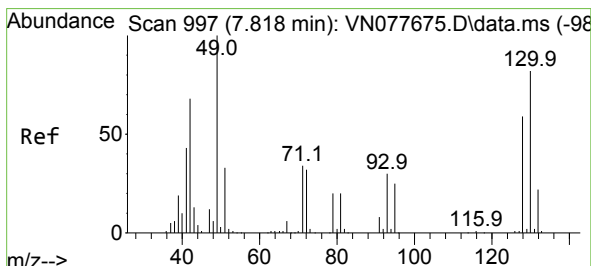
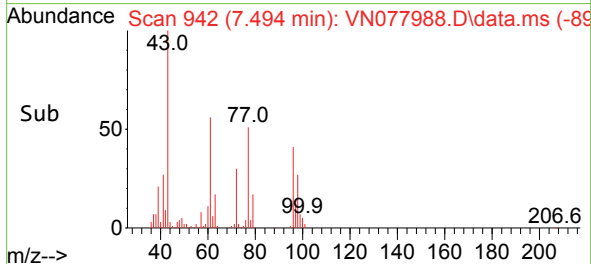
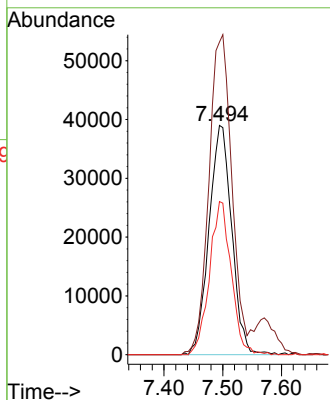
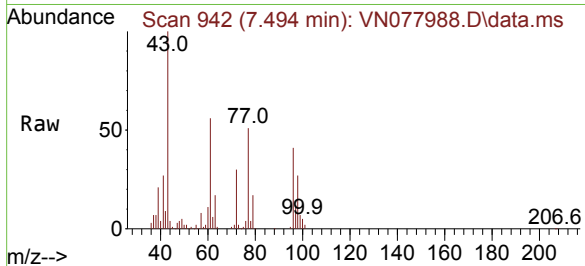




#27
 cis-1,2-Dichloroethene
 Concen: 21.027 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077988.D
 Acq: 31 May 2023 12:41

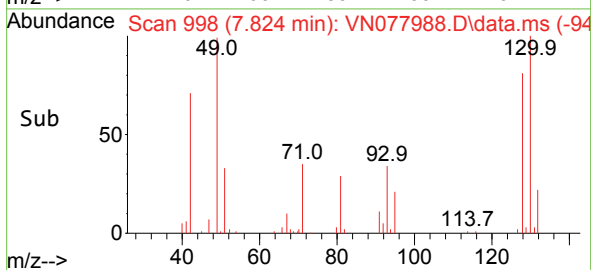
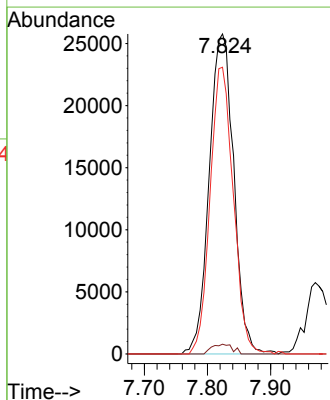
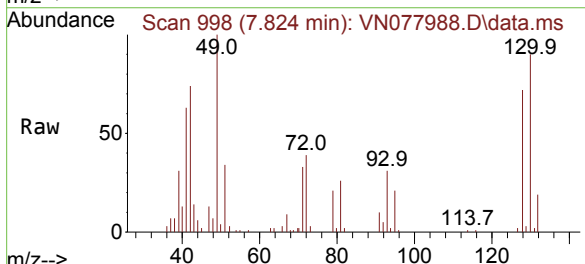
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

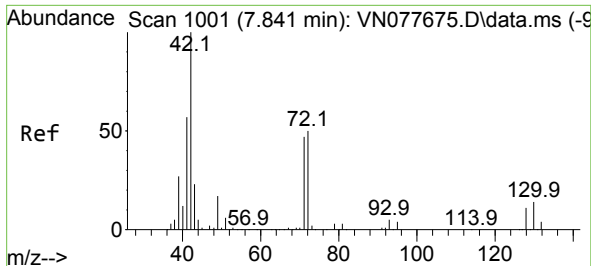
Tgt Ion: 96 Resp: 104816
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 255.2
 98 63.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.610 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077988.D
 Acq: 31 May 2023 12:41

Tgt Ion: 49 Resp: 69591
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.8
 130 84.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 91.459 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

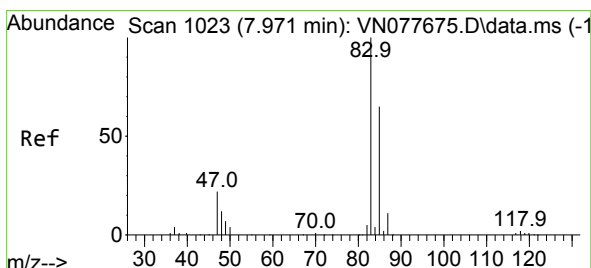
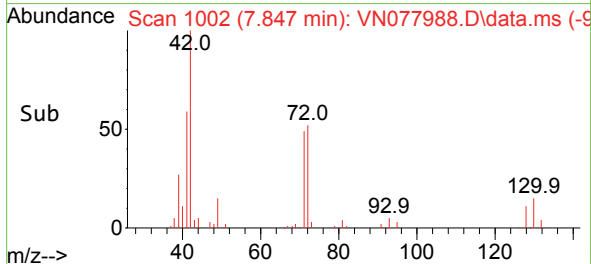
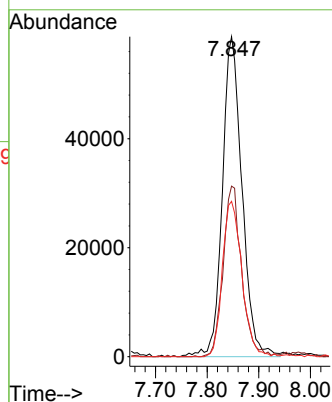
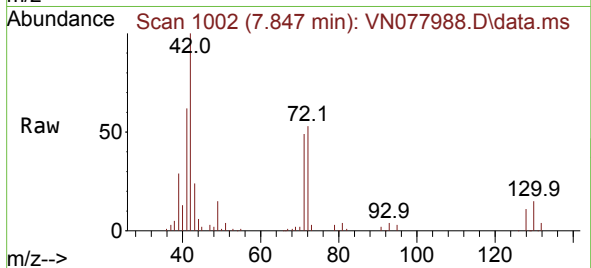
Tgt Ion: 42 Resp: 155181

Ion Ratio Lower Upper

42 100

72 50.2 49.8 74.6

71 48.1 47.4 71.2



#30

Chloroform

Concen: 21.213 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077988.D

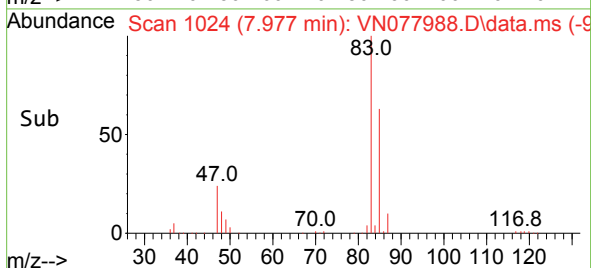
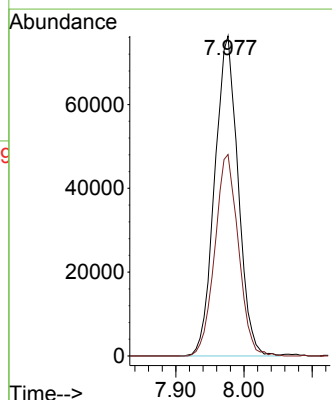
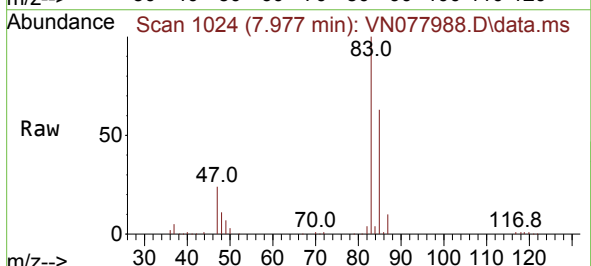
Acq: 31 May 2023 12:41

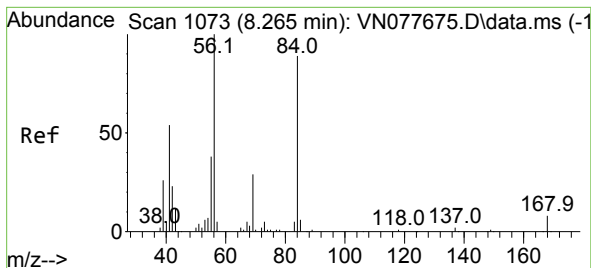
Tgt Ion: 83 Resp: 182189

Ion Ratio Lower Upper

83 100

85 63.0 55.4 83.0





#31

Cyclohexane

Concen: 19.037 ug/l

RT: 8.265 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

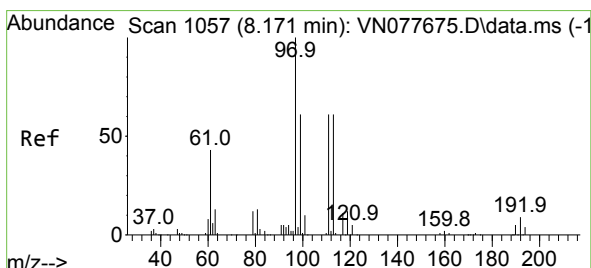
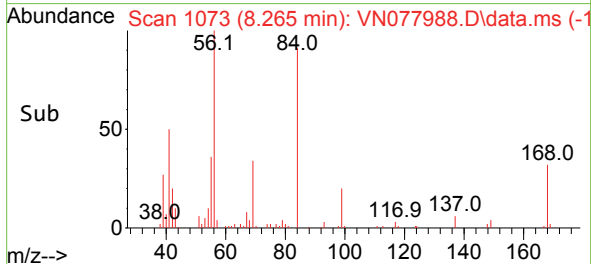
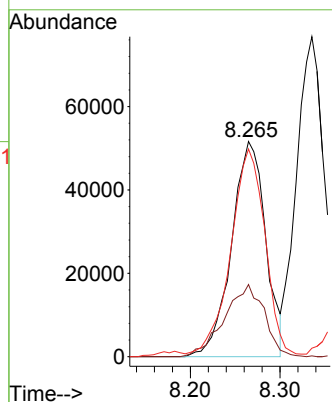
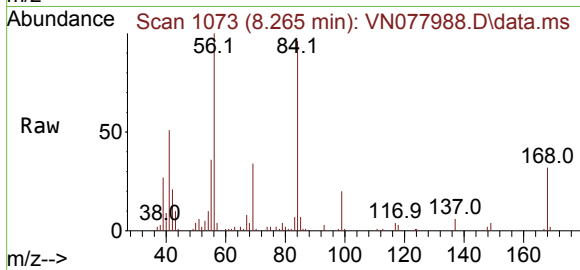
Tgt Ion: 56 Resp: 136233

Ion Ratio Lower Upper

56 100

69 33.5 26.8 40.2

84 94.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 21.236 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

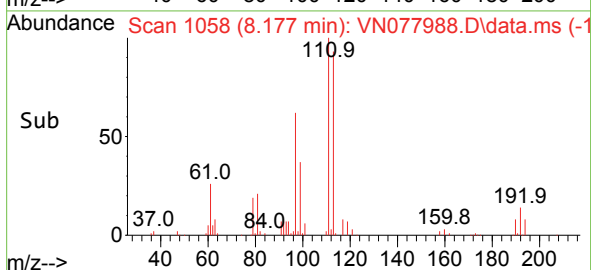
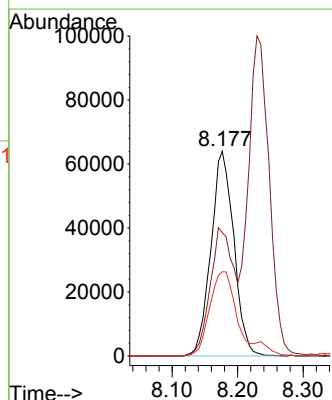
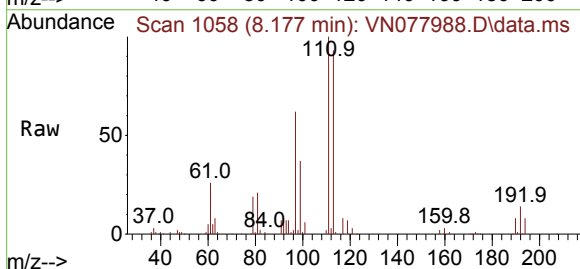
Tgt Ion: 97 Resp: 155063

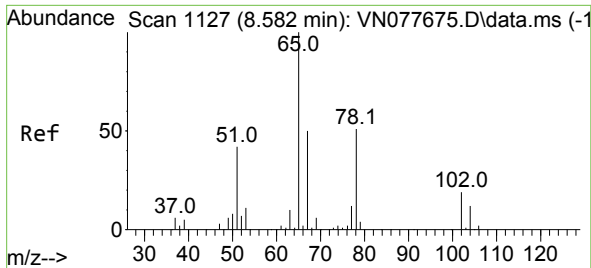
Ion Ratio Lower Upper

97 100

99 64.0 50.3 75.5

61 47.5 34.7 52.1

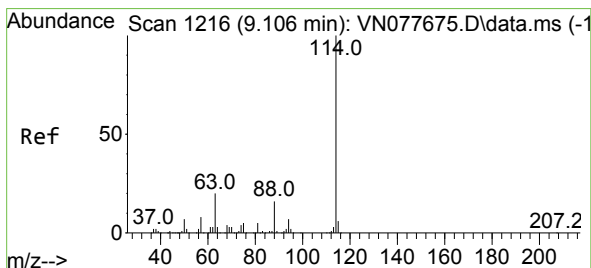
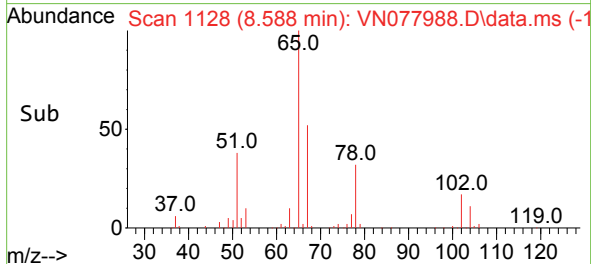
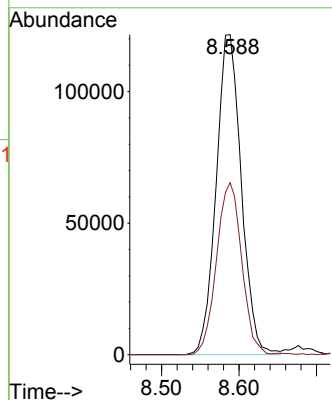
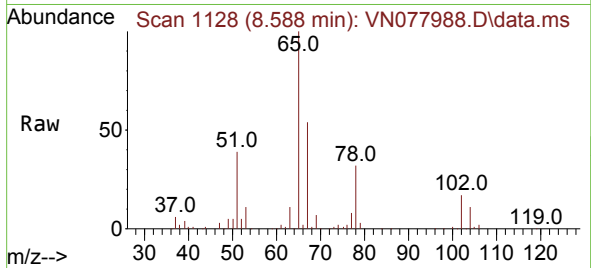




#33
1,2-Dichloroethane-d4
Concen: 52.132 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

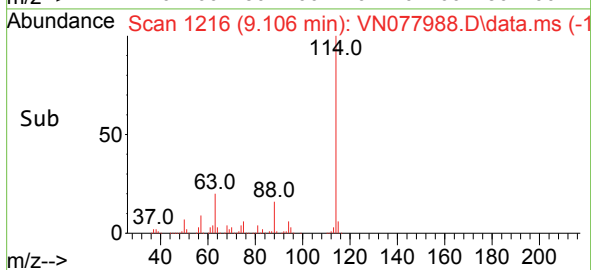
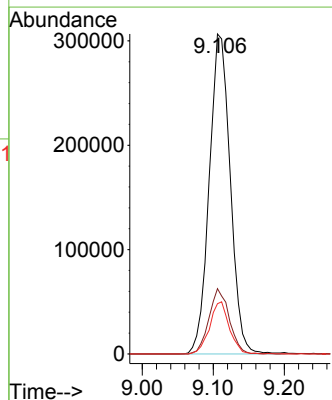
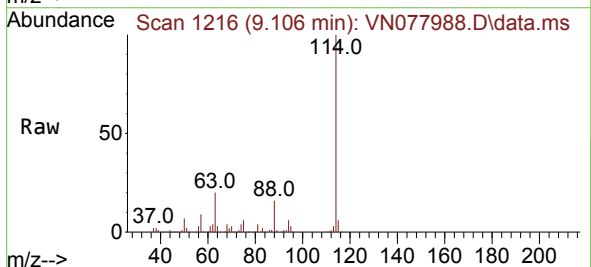
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

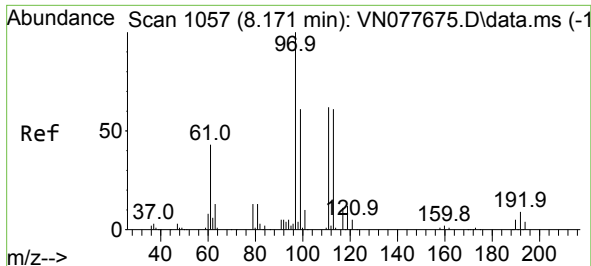
Tgt Ion: 65 Resp: 274481
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 114 Resp: 628886
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.7 0.0 30.6

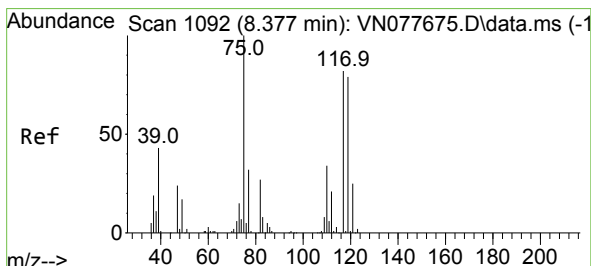
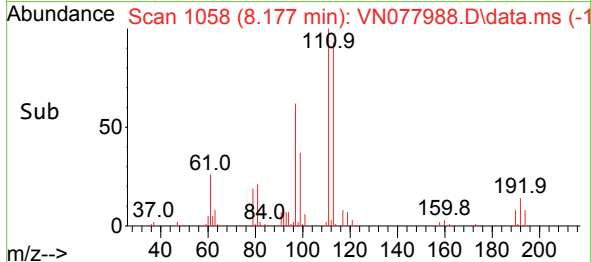
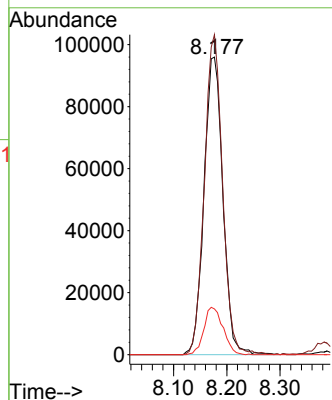
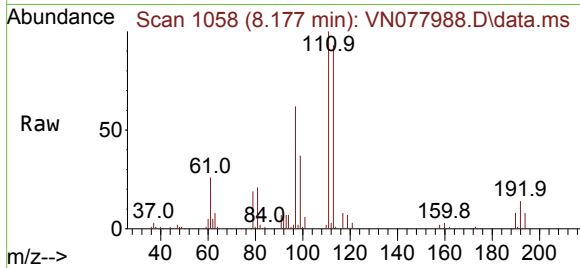




#35
Dibromofluoromethane
Concen: 57.639 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

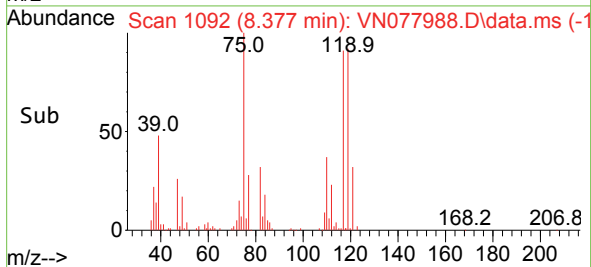
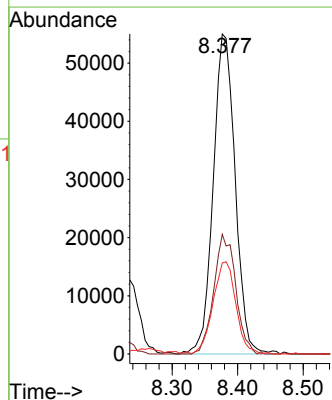
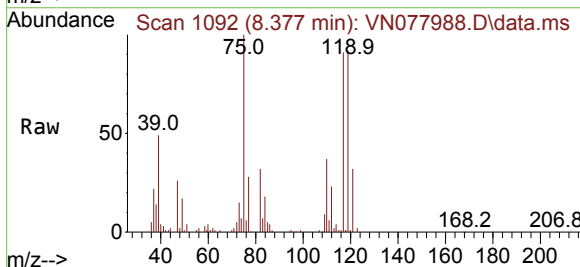
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

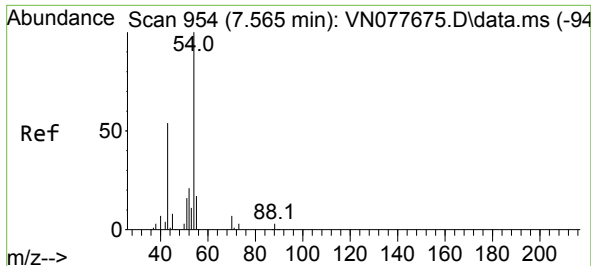
Tgt Ion:113 Resp: 236371
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 21.286 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 75 Resp: 127678
Ion Ratio Lower Upper
75 100
110 37.4 19.1 57.3
77 30.1 25.0 37.4

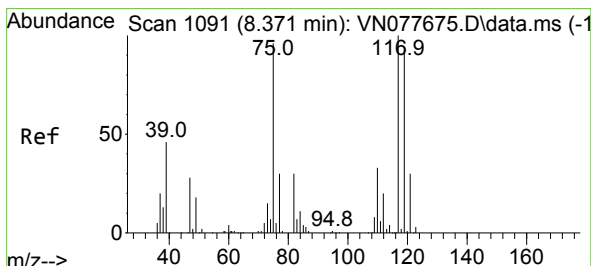
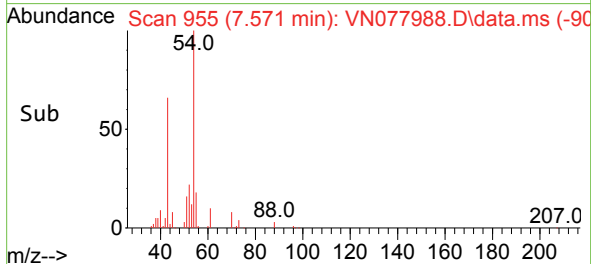
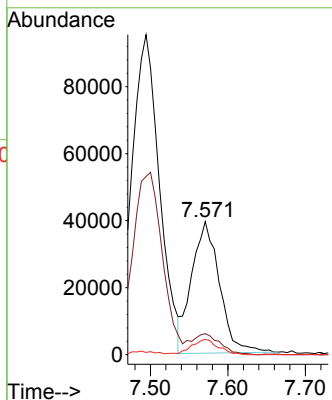
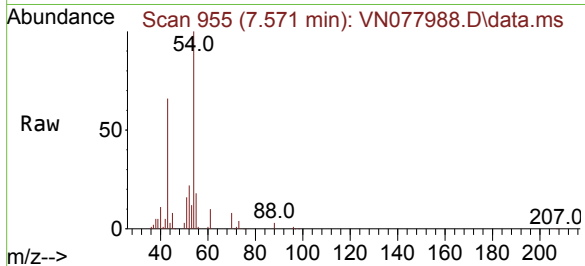




#37
Ethyl Acetate
Concen: 18.371 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

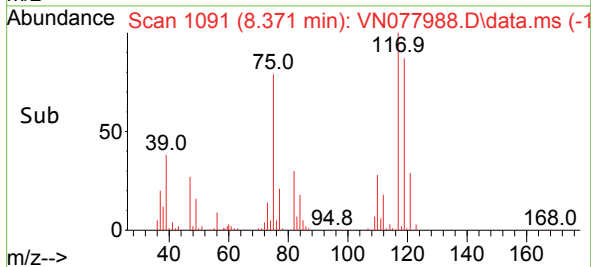
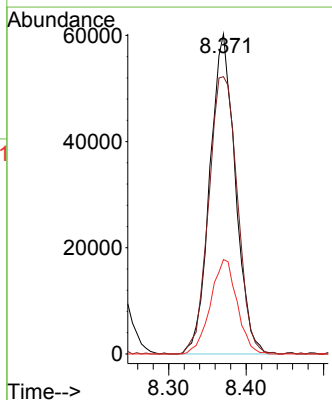
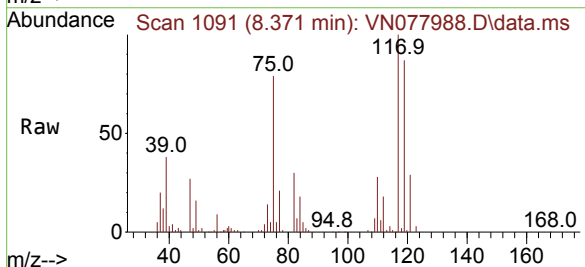
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

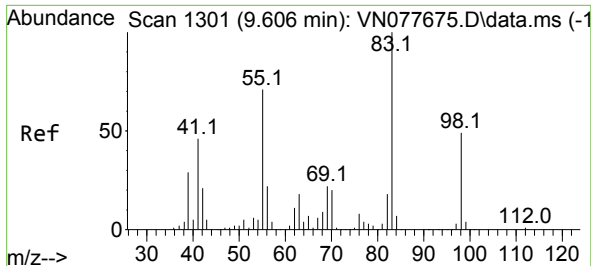
Tgt Ion: 43 Resp: 98214
Ion Ratio Lower Upper
43 100
61 13.7 13.2 19.8
70 11.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 22.747 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 117 Resp: 137777
Ion Ratio Lower Upper
117 100
119 86.7 77.3 115.9
121 29.5 23.3 34.9





#39

Methylcyclohexane

Concen: 18.950 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

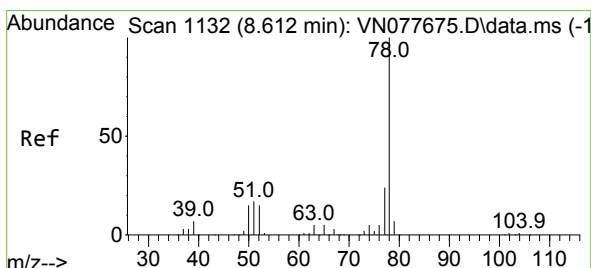
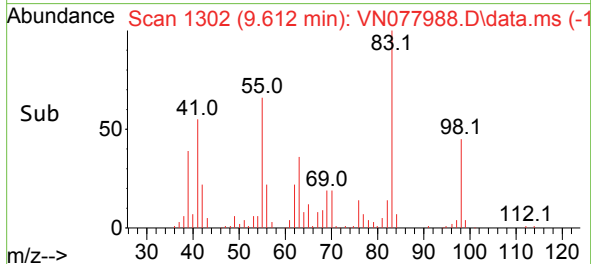
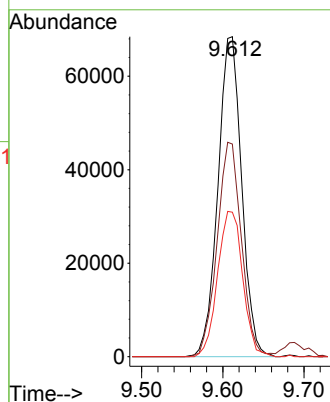
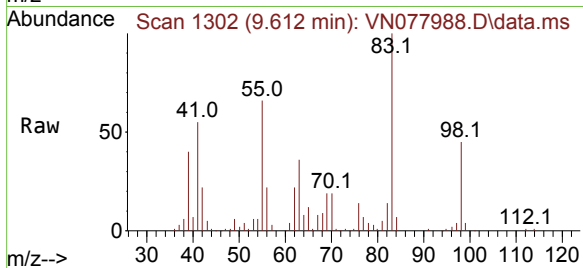
Tgt Ion: 83 Resp: 139159

Ion Ratio Lower Upper

83 100

55 66.5 49.1 73.7

98 45.2 40.6 61.0



#40

Benzene

Concen: 22.120 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077988.D

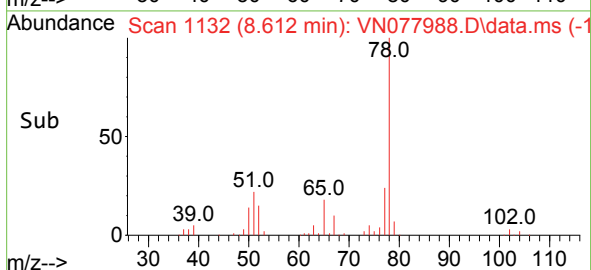
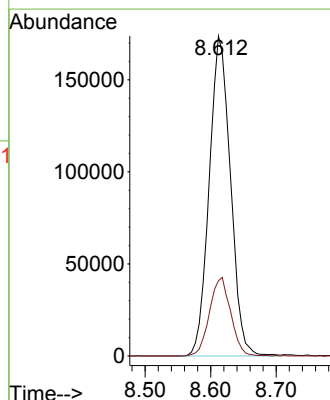
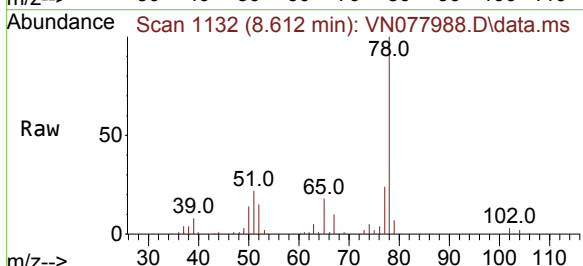
Acq: 31 May 2023 12:41

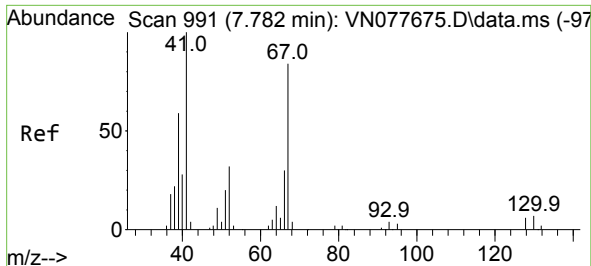
Tgt Ion: 78 Resp: 391533

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

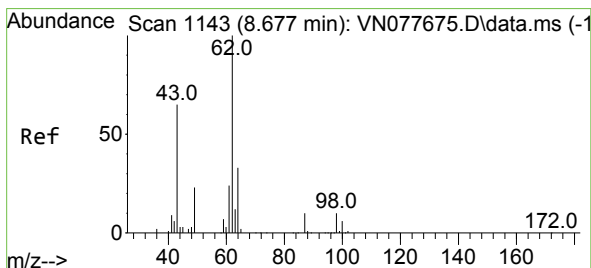
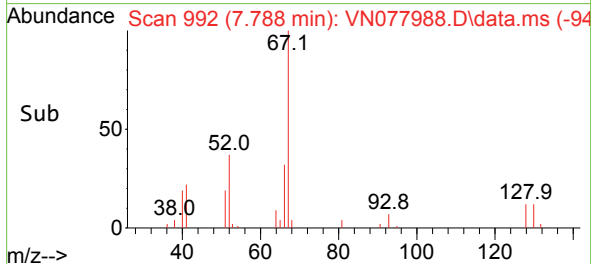
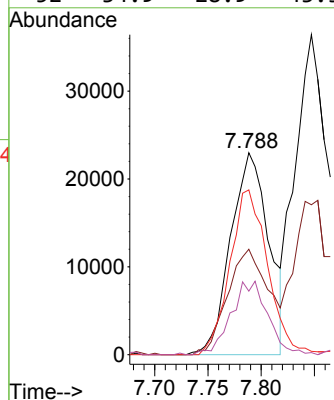
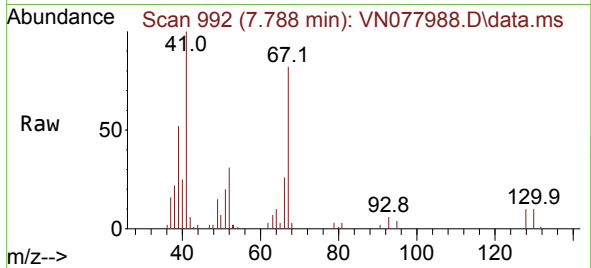




#41
Methacrylonitrile
Concen: 20.087 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

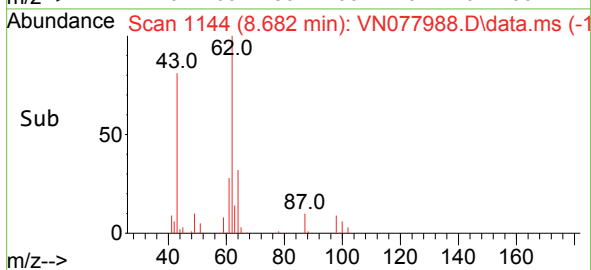
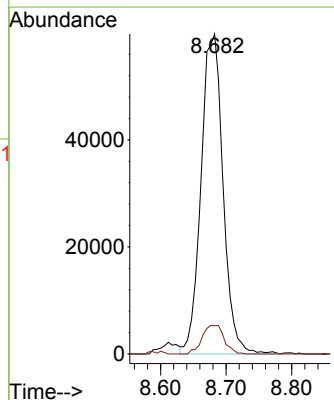
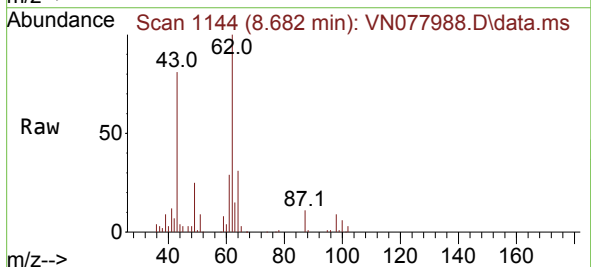
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

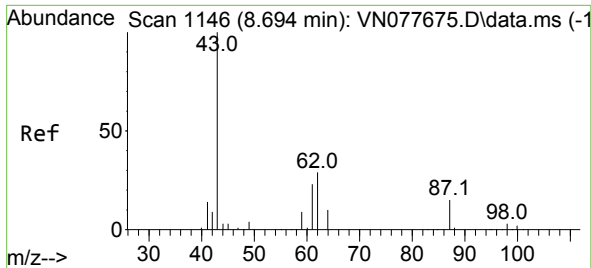
Tgt Ion: 41	Resp: 57191
Ion Ratio	Lower Upper
41 100	
39 56.4	42.6 64.0
67 81.2	77.5 116.3
52 34.9	28.9 43.3



#42
1,2-Dichloroethane
Concen: 21.751 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 62	Resp: 139856
Ion Ratio	Lower Upper
62 100	
98 8.9	0.0 19.8

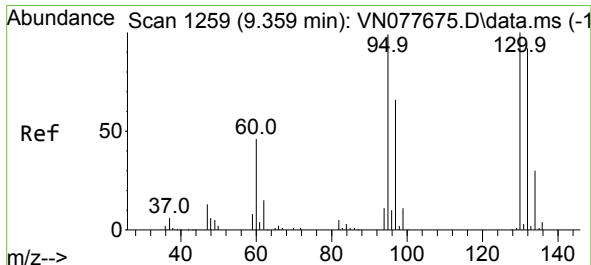
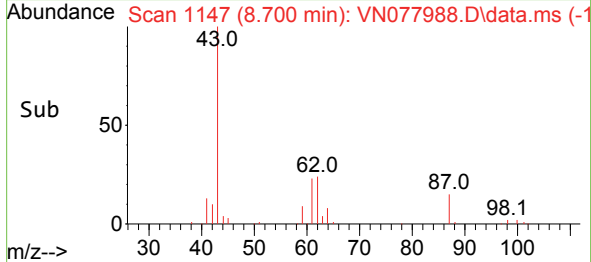
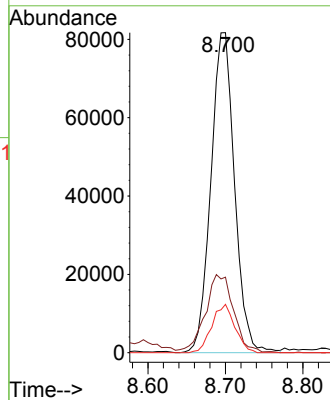
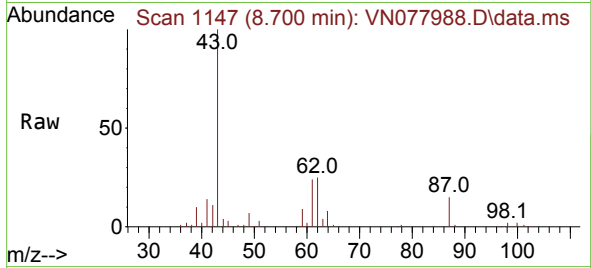




#43
Isopropyl Acetate
Concen: 19.845 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

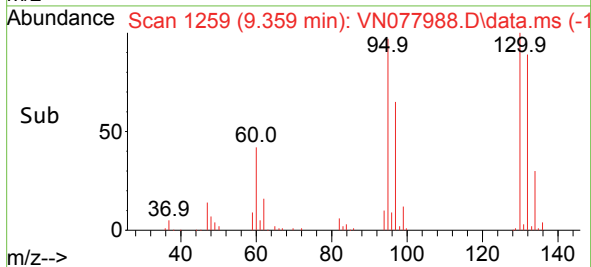
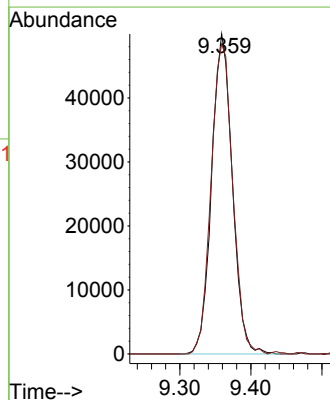
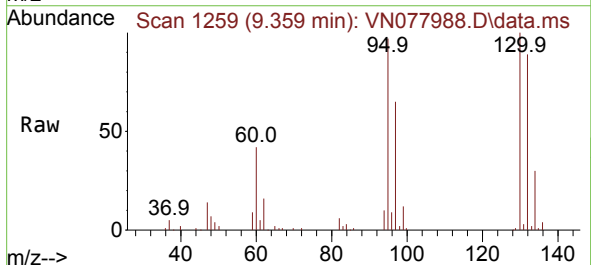
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

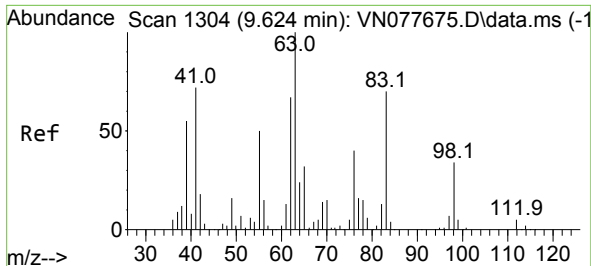
Tgt Ion: 43 Resp: 173300
Ion Ratio Lower Upper
43 100
61 29.3 24.7 37.1
87 14.7 14.6 21.8



#44
Trichloroethene
Concen: 22.548 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:130 Resp: 101057
Ion Ratio Lower Upper
130 100
95 96.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 22.748 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

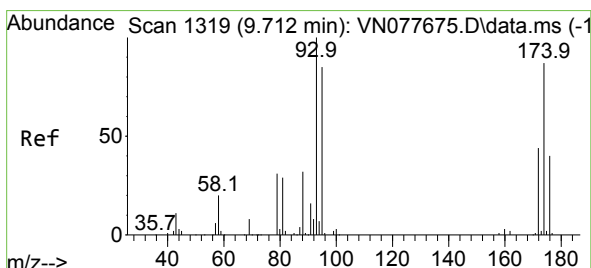
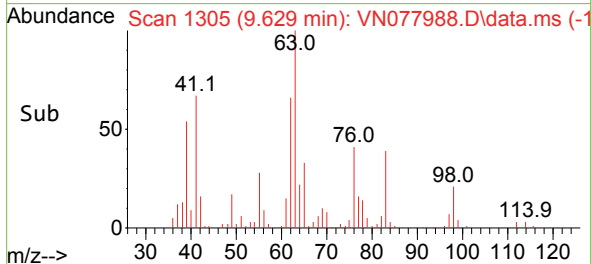
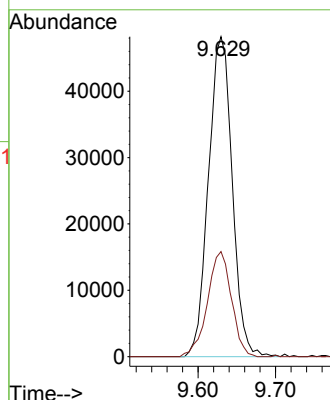
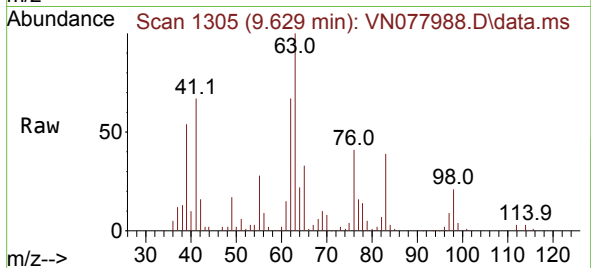
VN0531WBSD01

Tgt Ion: 63 Resp: 102705

Ion Ratio Lower Upper

63 100

65 32.9 23.9 35.9



#46

Dibromomethane

Concen: 22.332 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

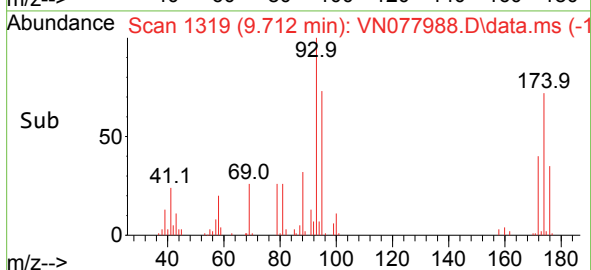
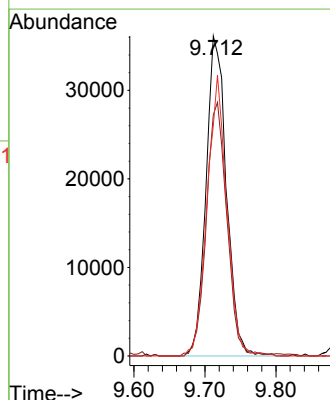
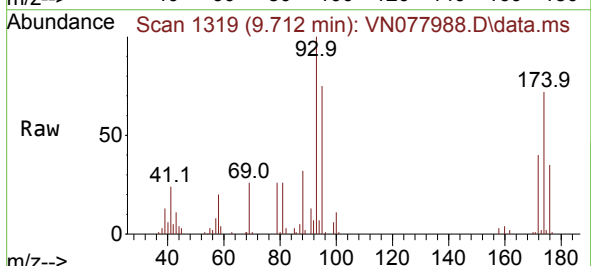
Tgt Ion: 93 Resp: 72148

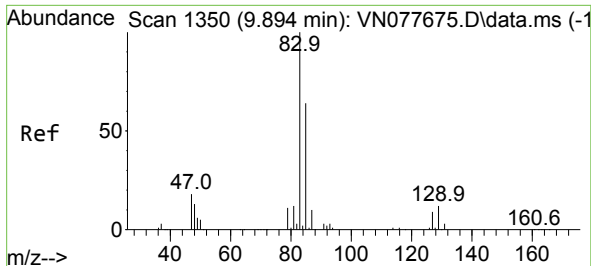
Ion Ratio Lower Upper

93 100

95 80.0 63.8 95.8

174 85.0 65.6 98.4

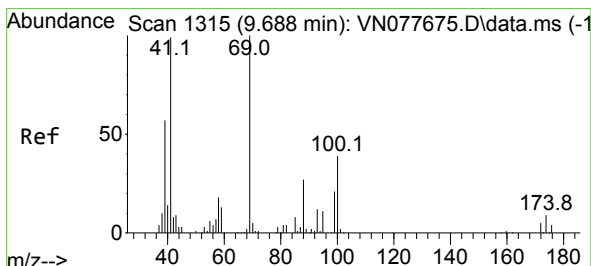
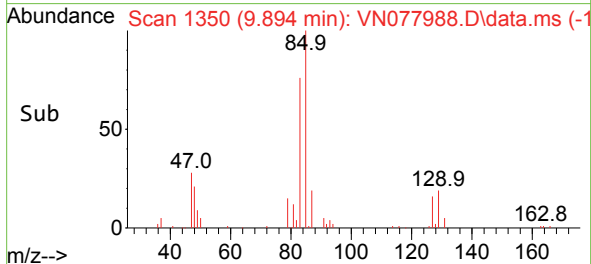
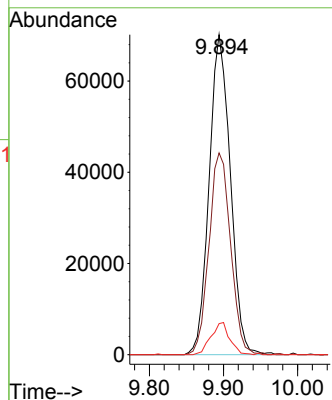
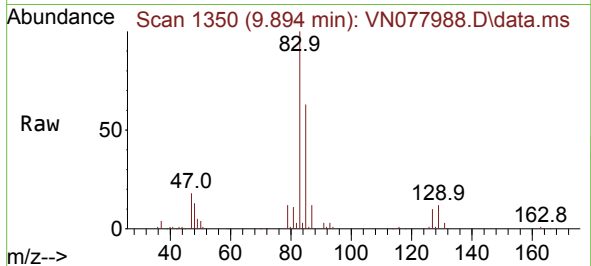




#47
Bromodichloromethane
Concen: 22.530 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

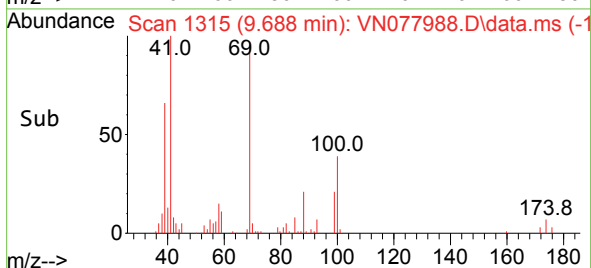
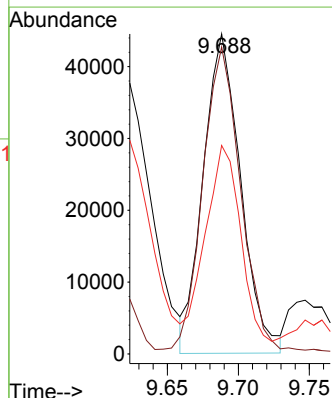
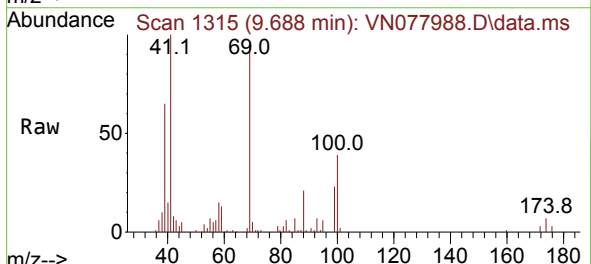
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

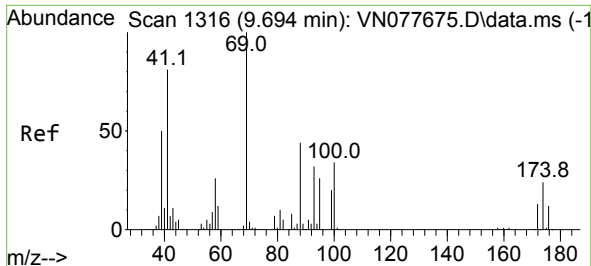
Tgt Ion: 83 Resp: 139354
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 9.7 7.0 10.6



#48
Methyl methacrylate
Concen: 19.644 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 41 Resp: 81331
Ion Ratio Lower Upper
41 100
69 99.9 90.4 135.6
39 64.2 54.6 81.8





#49

1,4-Dioxane

Concen: 397.003 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

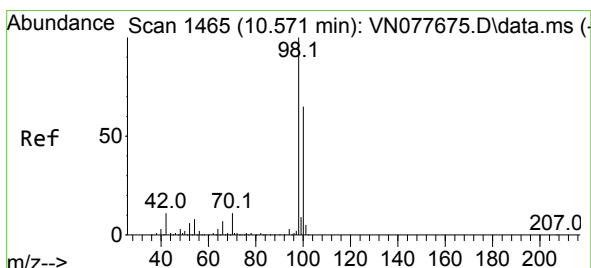
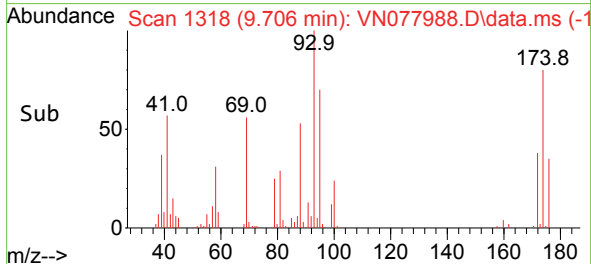
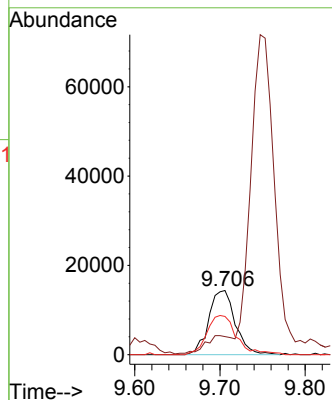
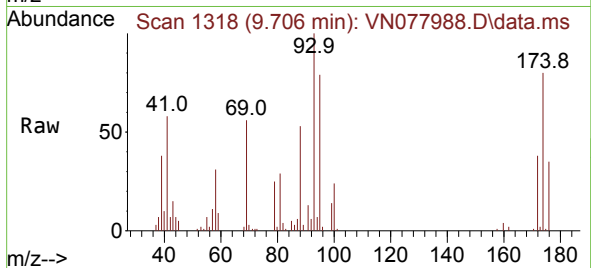
Tgt Ion: 88 Resp: 31045

Ion Ratio Lower Upper

88 100

43 26.4 17.0 25.6#

58 68.6 47.0 70.4



#50

Toluene-d8

Concen: 54.107 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077988.D

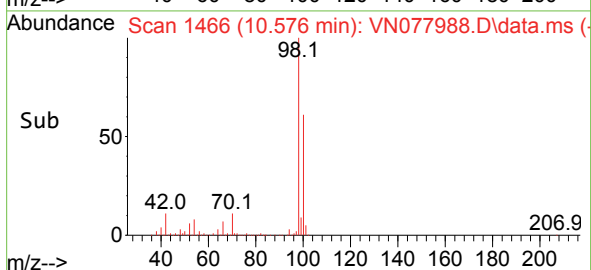
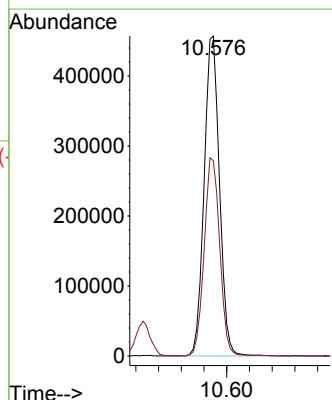
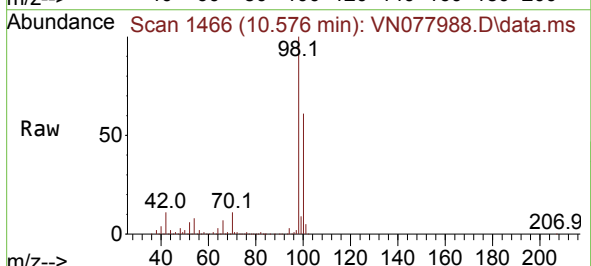
Acq: 31 May 2023 12:41

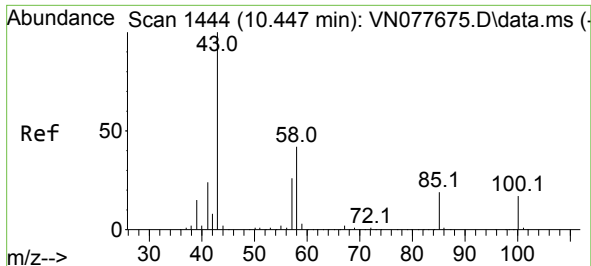
Tgt Ion: 98 Resp: 854053

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 100.464 ug/l

RT: 10.453 min Scan# 1445

Delta R.T. 0.006 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

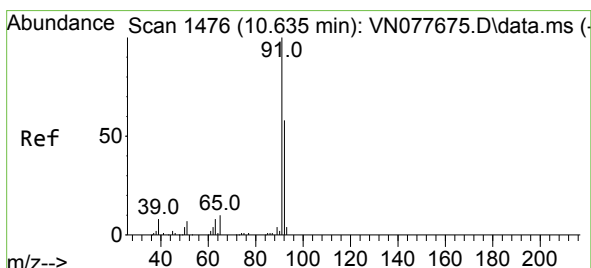
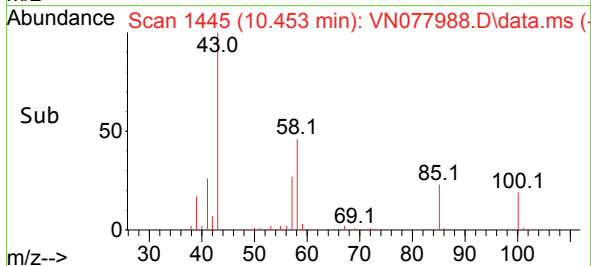
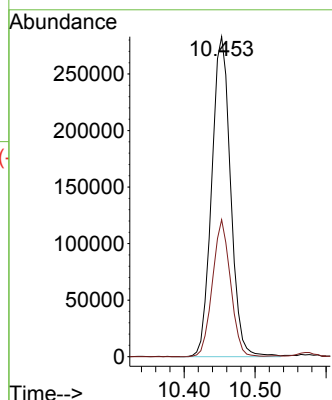
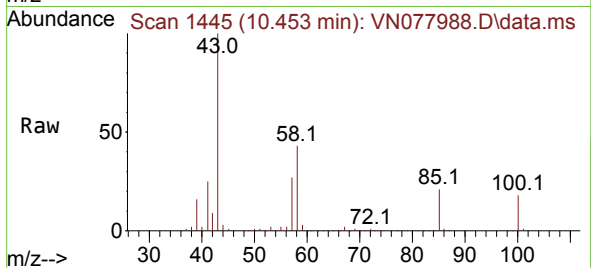
VN0531WBSD01

Tgt Ion: 43 Resp: 521483

Ion Ratio Lower Upper

43 100

58 40.9 36.6 54.8



#52

Toluene

Concen: 22.442 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN077988.D

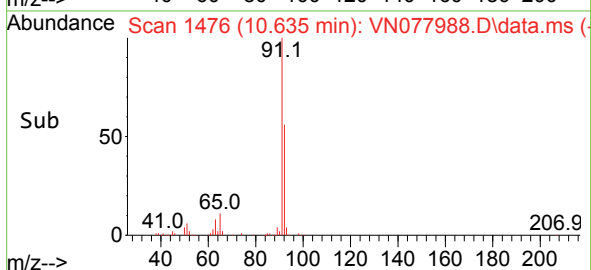
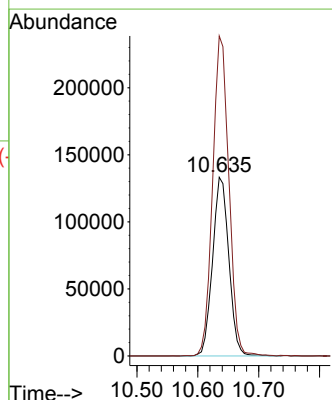
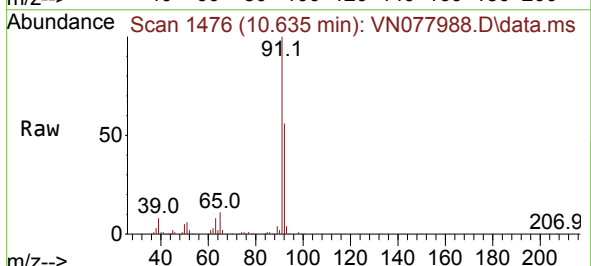
Acq: 31 May 2023 12:41

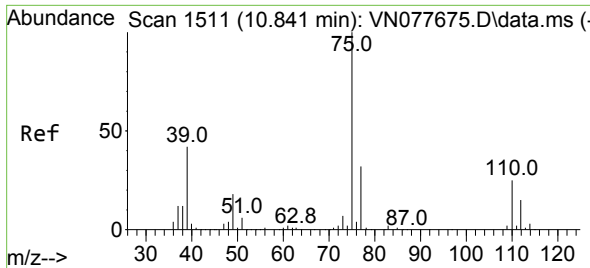
Tgt Ion: 92 Resp: 247300

Ion Ratio Lower Upper

92 100

91 178.4 137.4 206.0

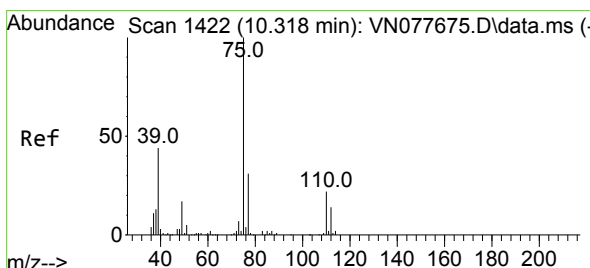
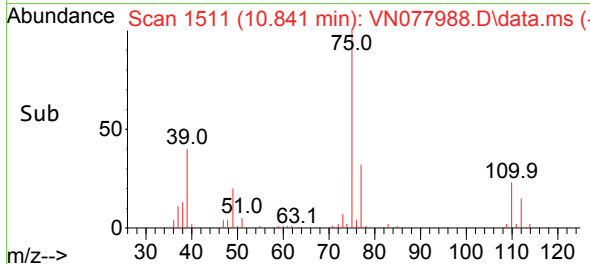
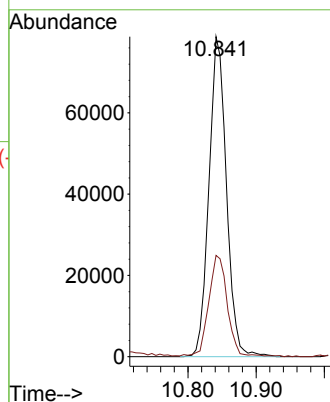
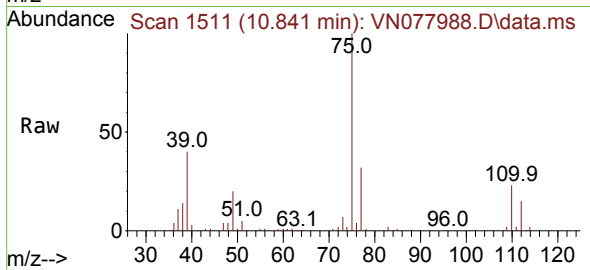




#53
 t-1,3-Dichloropropene
 Concen: 21.472 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077988.D
 Acq: 31 May 2023 12:41

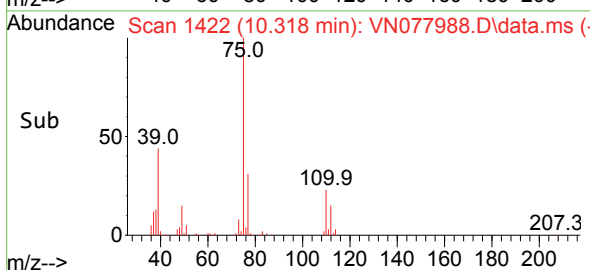
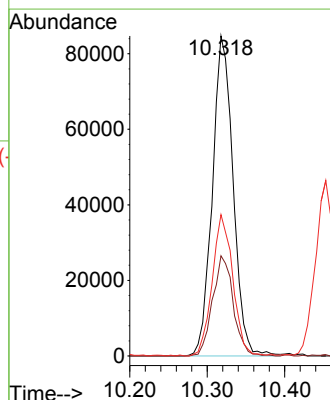
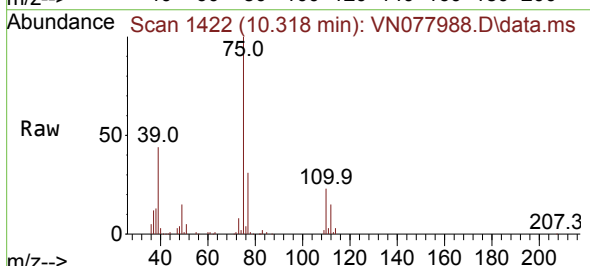
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

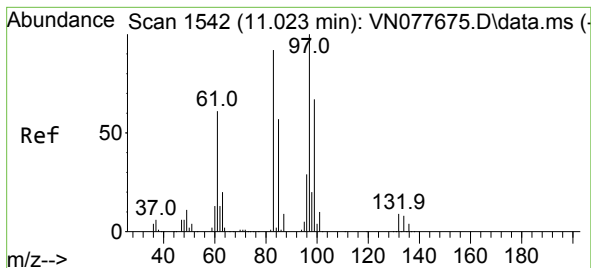
Tgt Ion: 75 Resp: 140640
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.842 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077988.D
 Acq: 31 May 2023 12:41

Tgt Ion: 75 Resp: 157659
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.1 39.1
 39 43.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 23.115 ug/l

RT: 11.023 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

Tgt Ion: 97 Resp: 101135

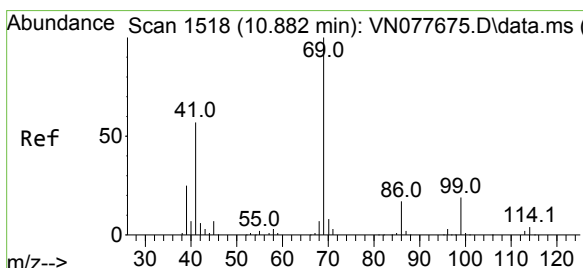
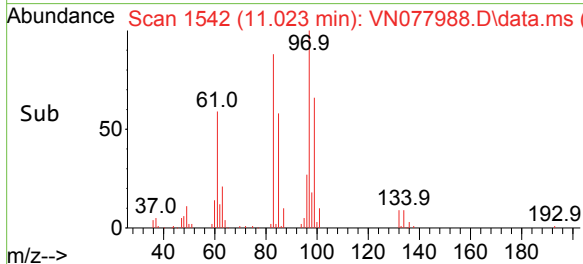
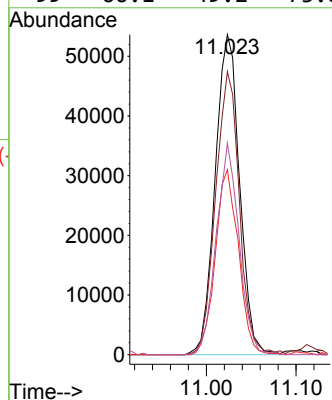
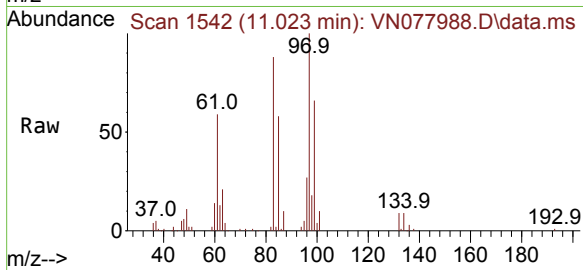
Ion Ratio Lower Upper

97 100

83 88.5 65.1 97.7

85 57.8 43.4 65.2

99 66.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 20.674 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

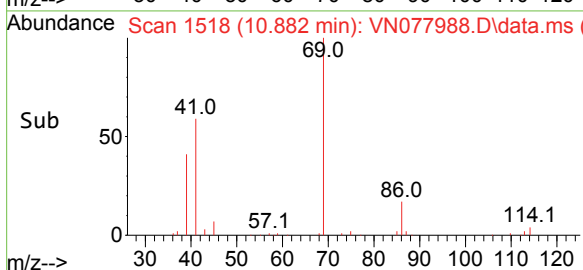
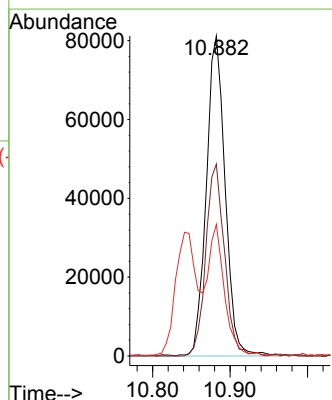
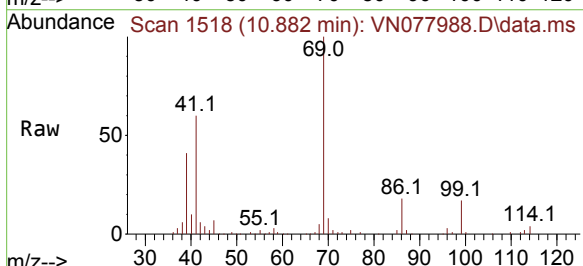
Tgt Ion: 69 Resp: 136769

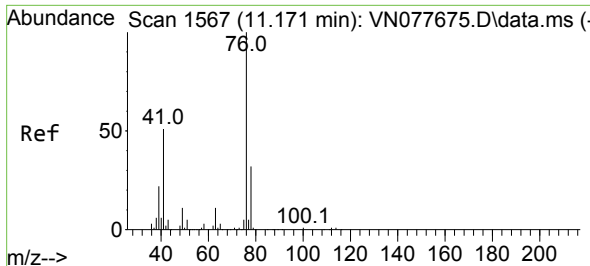
Ion Ratio Lower Upper

69 100

41 59.9 39.6 59.4#

39 34.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 22.401 ug/l

RT: 11.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

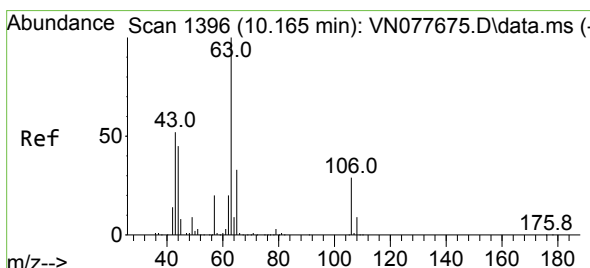
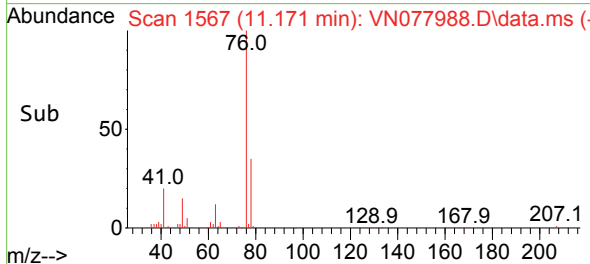
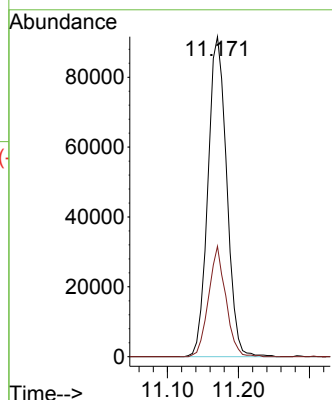
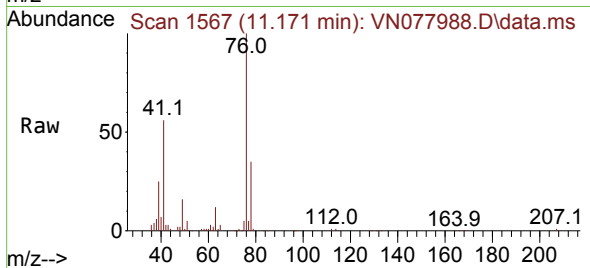
VN0531WBSD01

Tgt Ion: 76 Resp: 168023

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 77.819 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077988.D

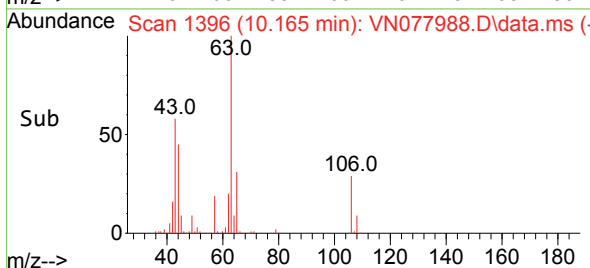
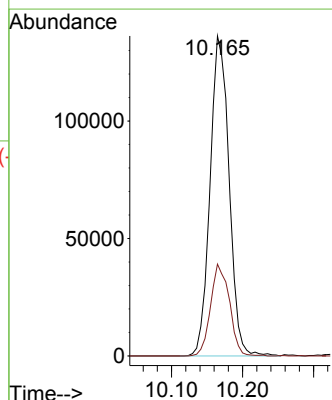
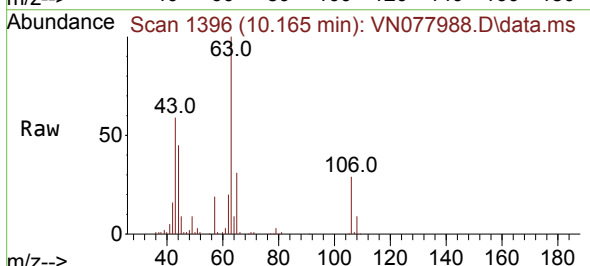
Acq: 31 May 2023 12:41

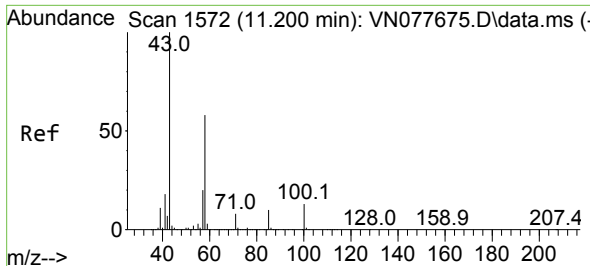
Tgt Ion: 63 Resp: 253270

Ion Ratio Lower Upper

63 100

106 28.4 26.2 39.4

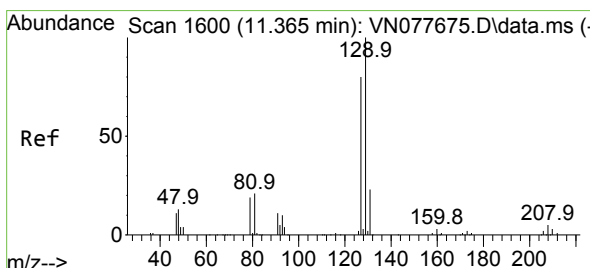
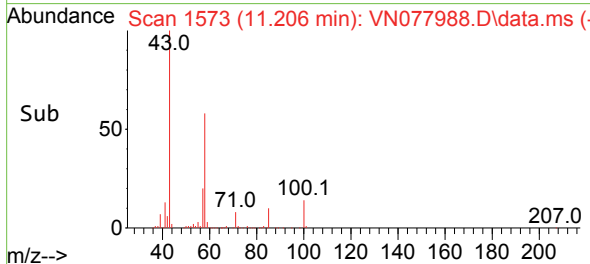
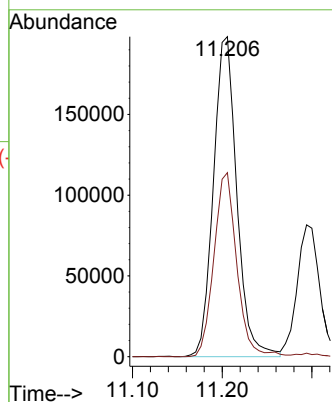
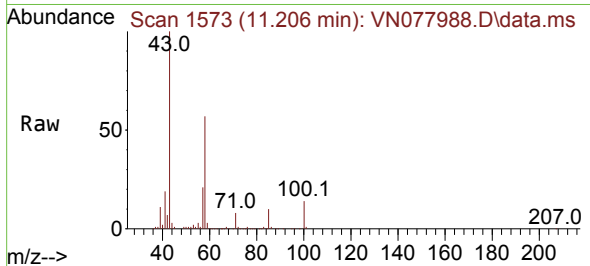




#59
2-Hexanone
Concen: 93.496 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

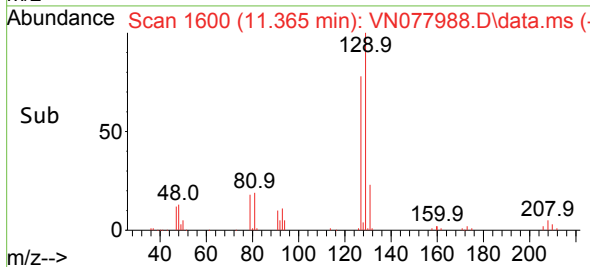
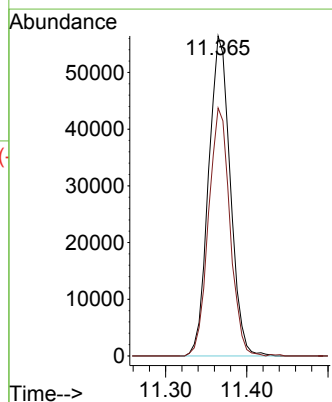
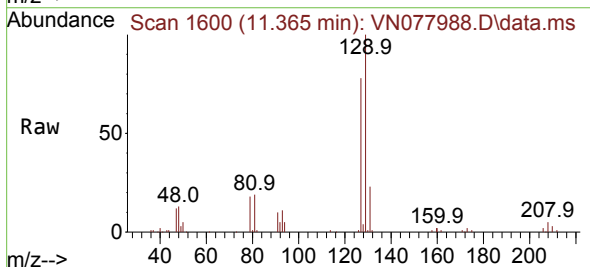
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

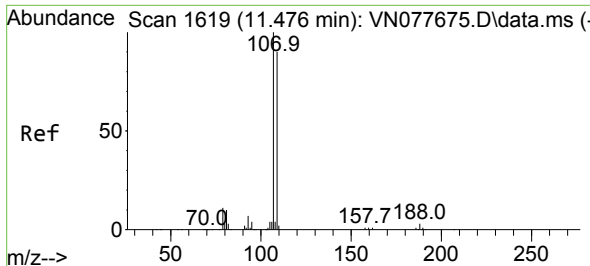
Tgt Ion: 43 Resp: 358966
Ion Ratio Lower Upper
43 100
58 56.3 31.7 95.1



#60
Dibromochloromethane
Concen: 23.178 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 129 Resp: 104691
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0

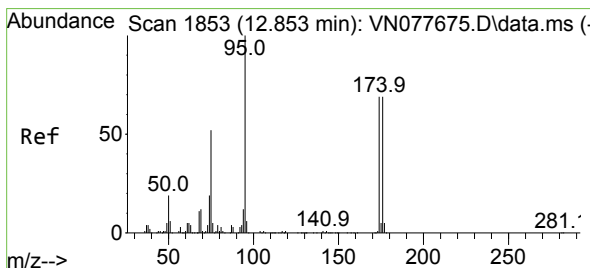
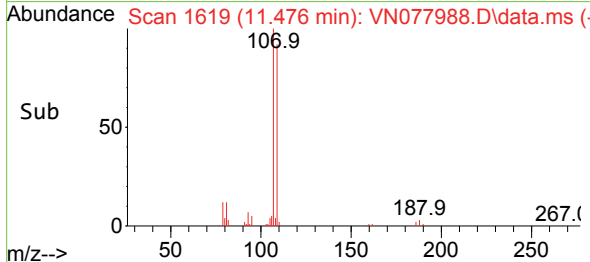
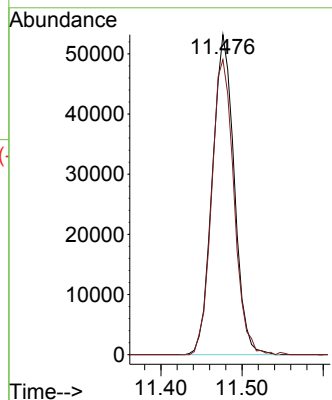
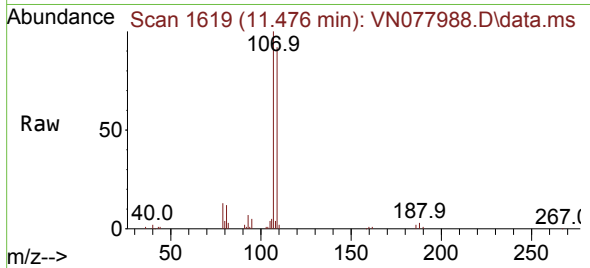




#61
1,2-Dibromoethane
Concen: 22.811 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

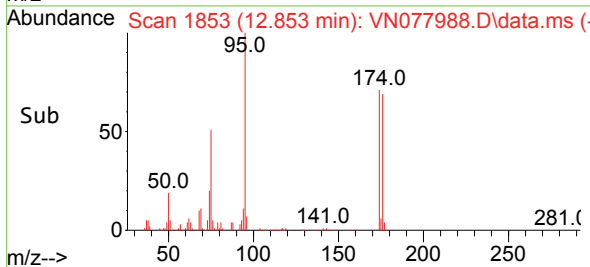
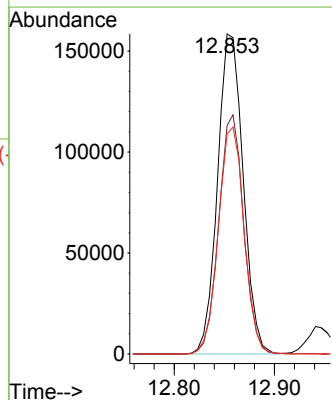
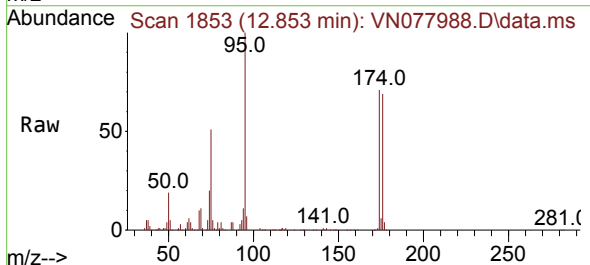
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

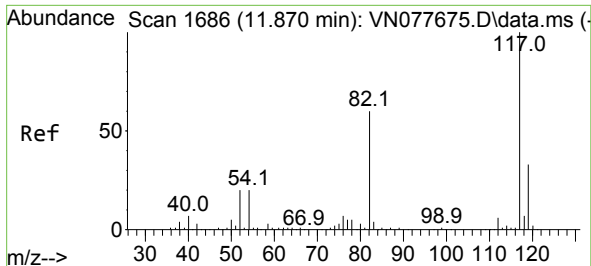
Tgt Ion:107 Resp: 99568
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.458 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 95 Resp: 281296
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 71.0 0.0 135.8

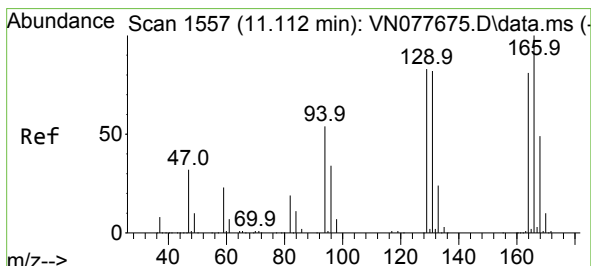
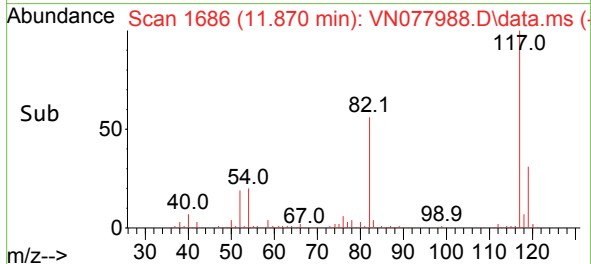
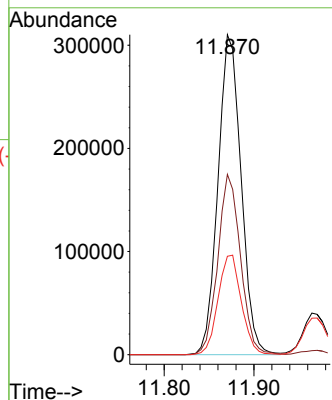
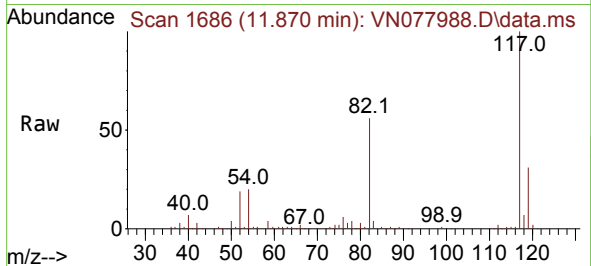




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

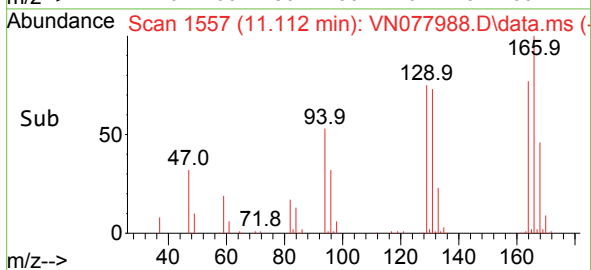
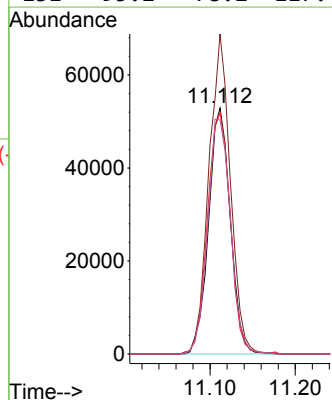
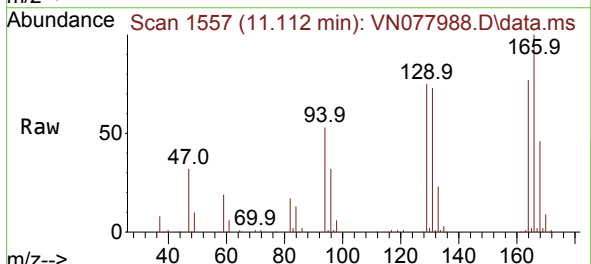
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

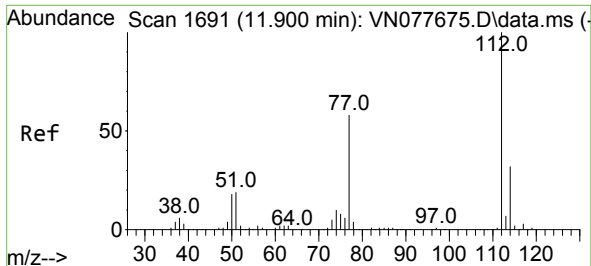
Tgt Ion:117 Resp: 555741
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 30.8 25.6 38.4



#64
Tetrachloroethene
Concen: 24.100 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:164 Resp: 93664
Ion Ratio Lower Upper
164 100
166 130.2 101.4 152.0
129 98.0 82.4 123.6
131 95.2 78.2 117.4

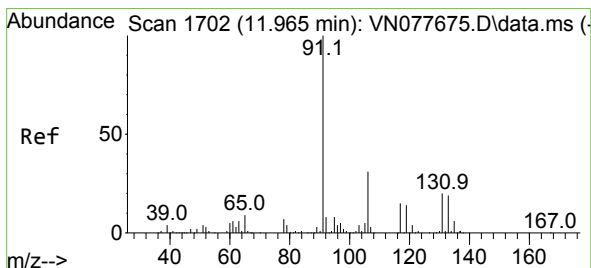
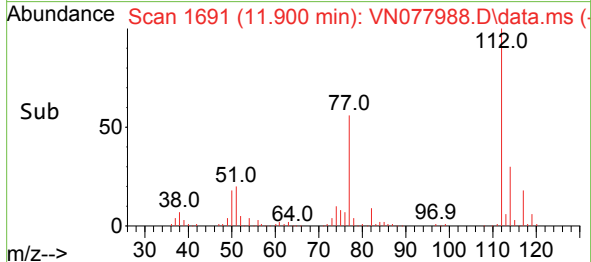
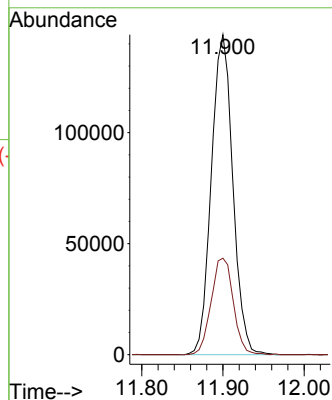
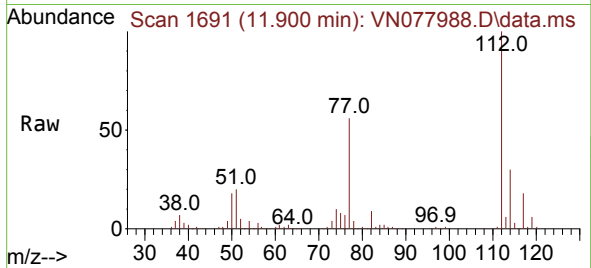




#65
Chlorobenzene
Concen: 21.989 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

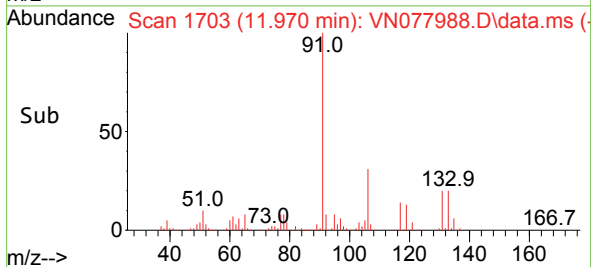
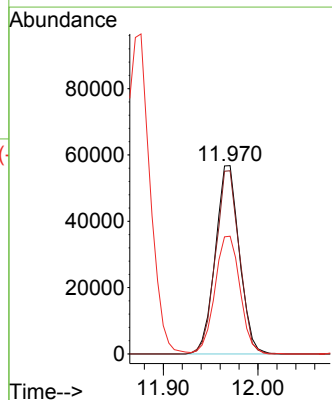
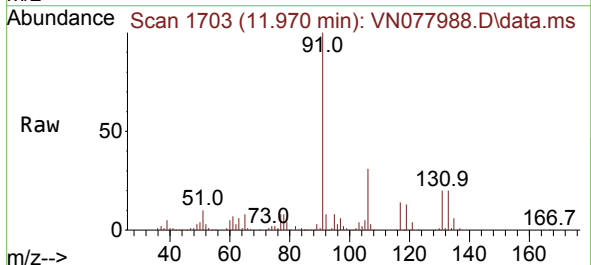
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

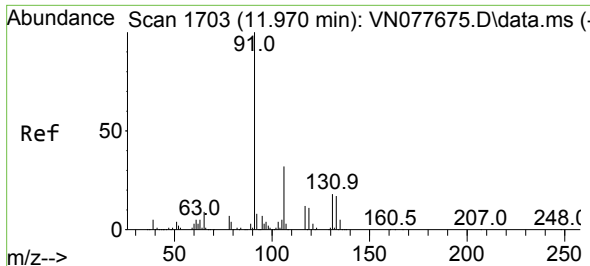
Tgt Ion:112 Resp: 264914
Ion Ratio Lower Upper
112 100
114 30.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 24.055 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:131 Resp: 100277
Ion Ratio Lower Upper
131 100
133 96.3 46.4 139.1
119 65.2 34.1 102.2

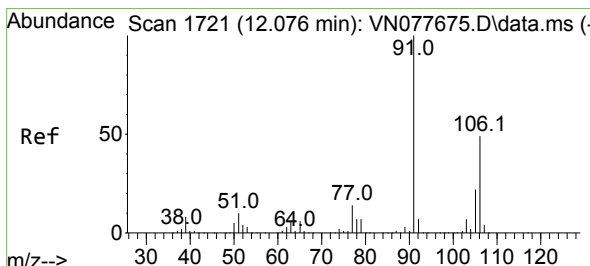
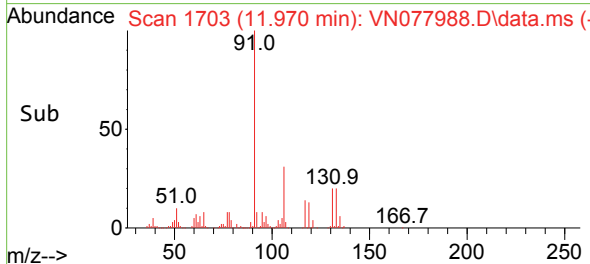
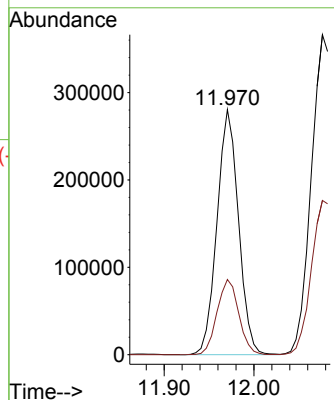
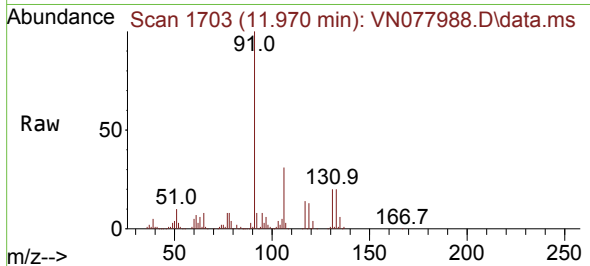




#67
Ethyl Benzene
Concen: 21.592 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

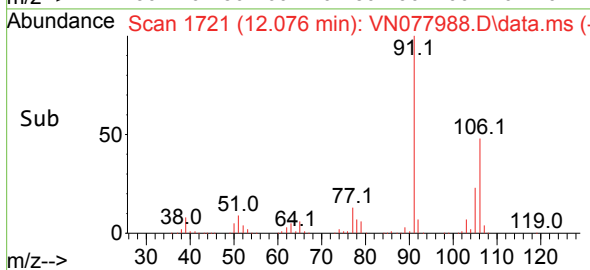
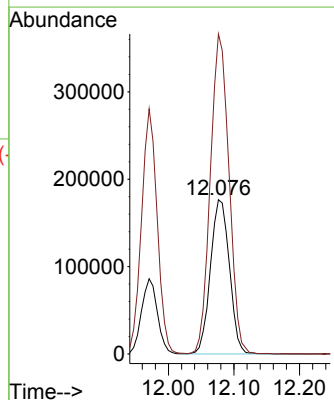
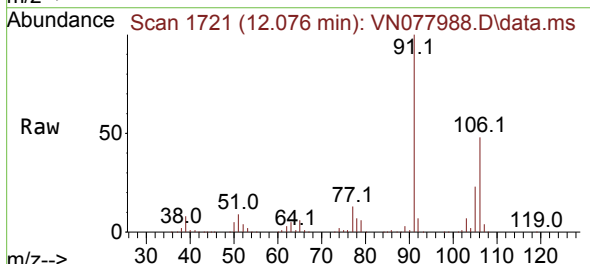
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

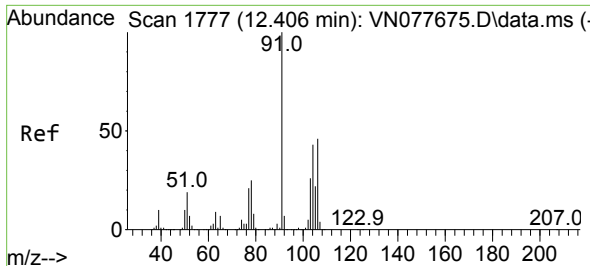
Tgt Ion: 91 Resp: 466184
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 43.314 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:106 Resp: 354341
Ion Ratio Lower Upper
106 100
91 203.8 159.6 239.4

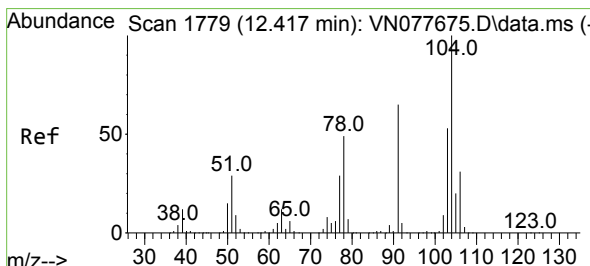
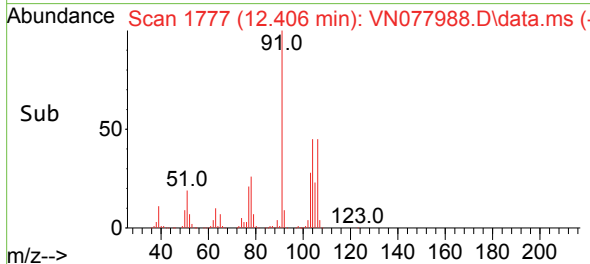
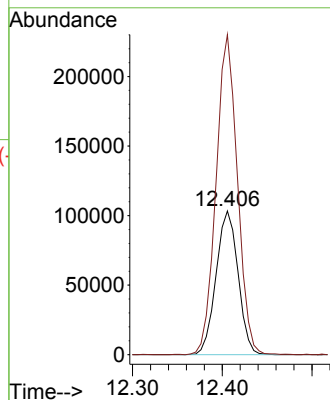
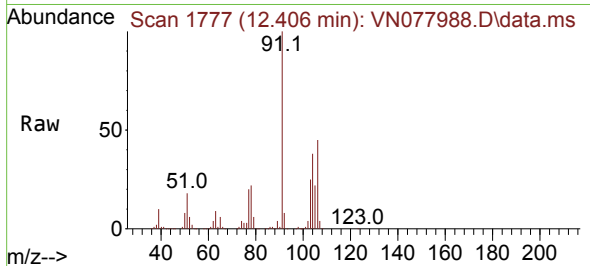




#69
o-Xylene
Concen: 21.859 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

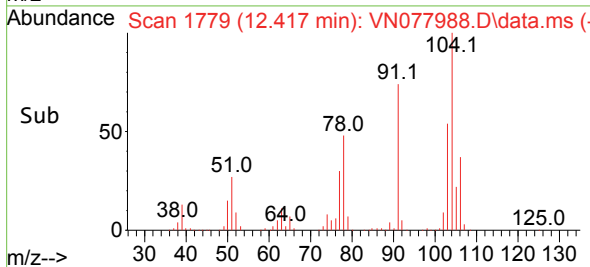
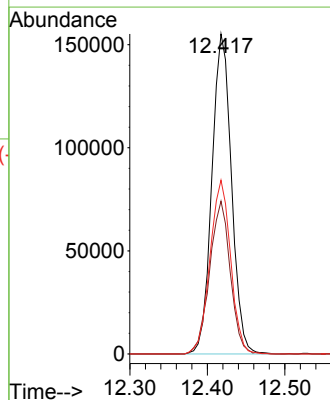
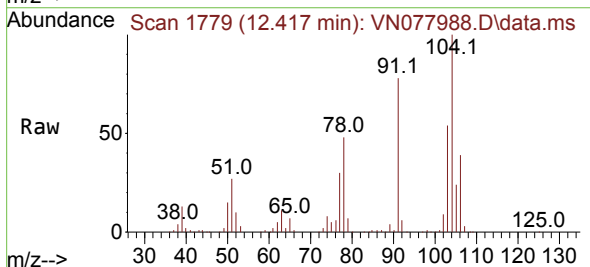
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

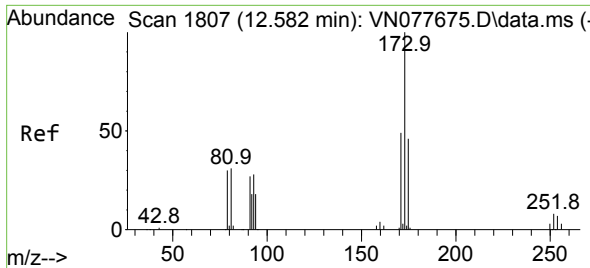
Tgt Ion:106 Resp: 175865
Ion Ratio Lower Upper
106 100
91 216.6 105.2 315.5



#70
Styrene
Concen: 21.334 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:104 Resp: 272661
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 57.3 43.2 64.8

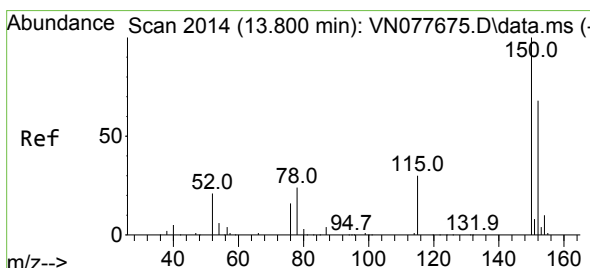
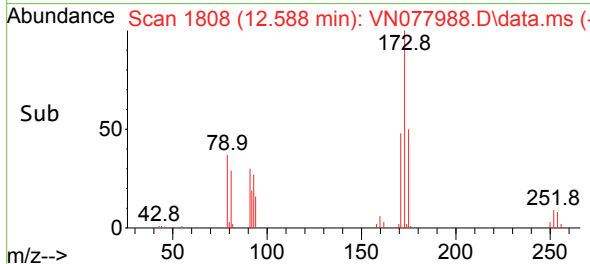
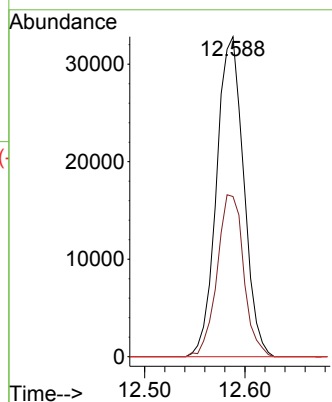
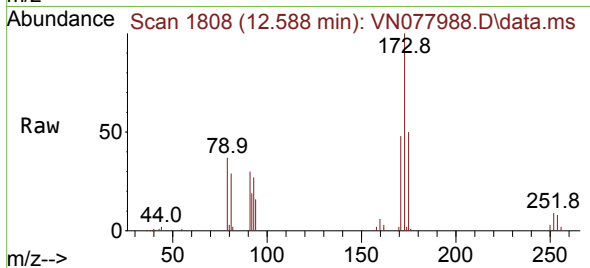




#71
Bromoform
Concen: 22.210 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

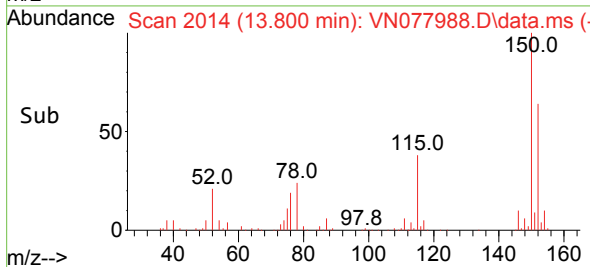
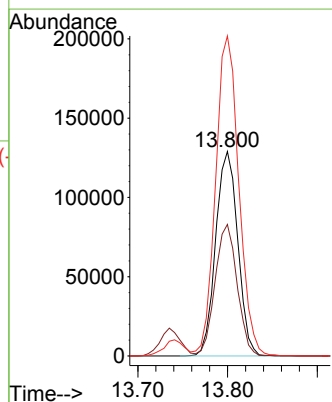
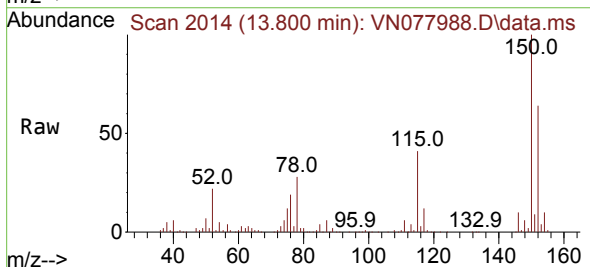
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

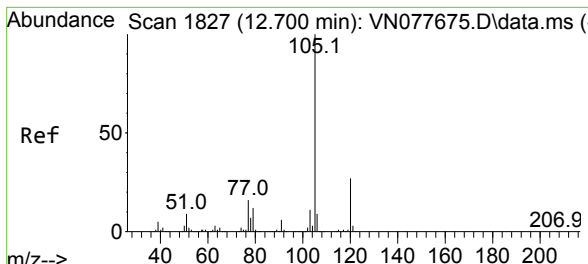
Tgt Ion:173 Resp: 61592
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:152 Resp: 220618
Ion Ratio Lower Upper
152 100
115 64.4 32.3 96.8
150 164.5 0.0 355.8

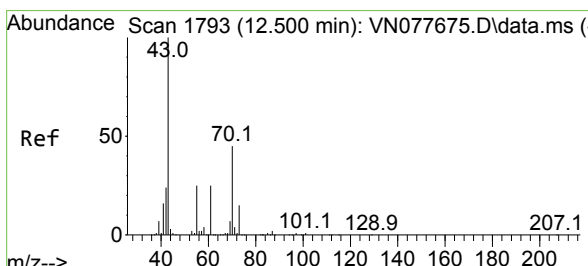
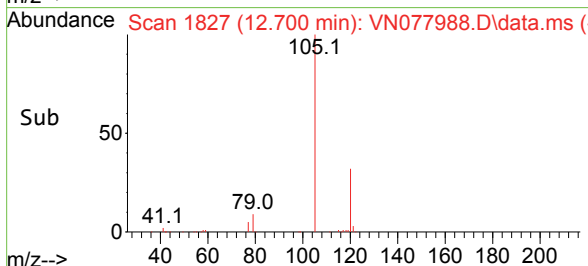
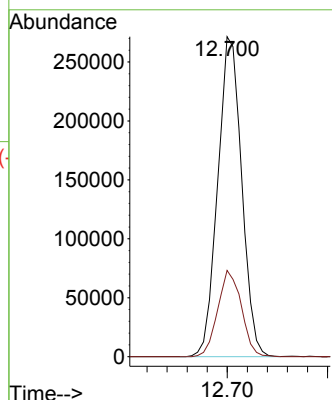
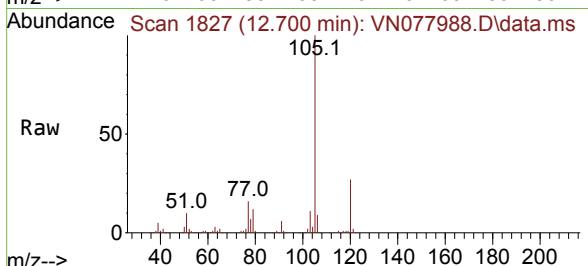




#73
Isopropylbenzene
Concen: 23.656 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

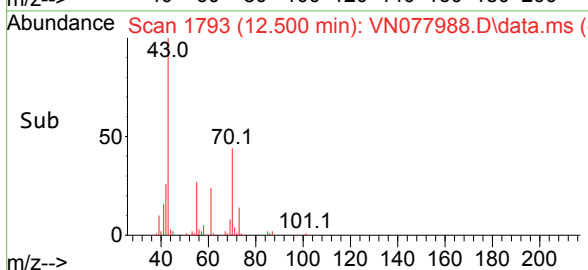
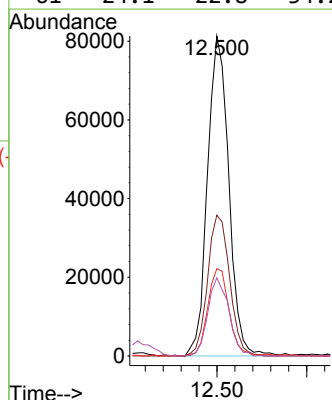
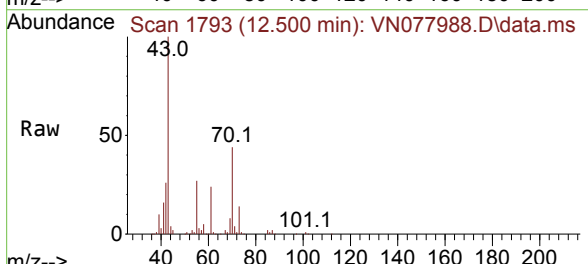
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

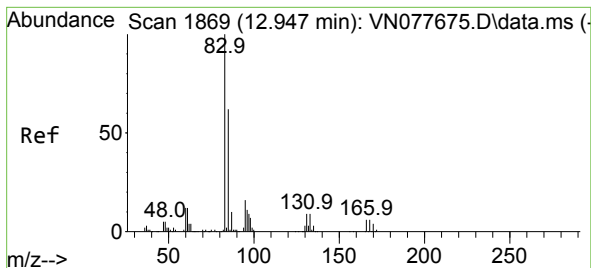
Tgt Ion:105 Resp: 449869
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 19.085 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 43 Resp: 134154
Ion Ratio Lower Upper
43 100
70 45.6 43.4 65.2
55 27.1 21.4 32.0
61 24.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.676 ug/l

RT: 12.947 min Scan# 1869

Delta R.T. -0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

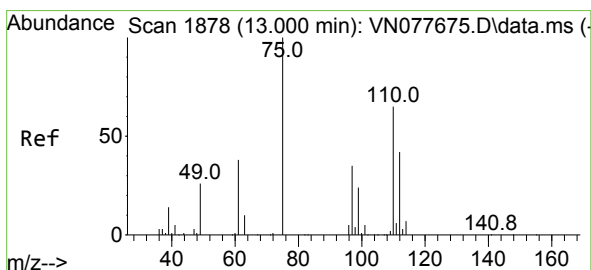
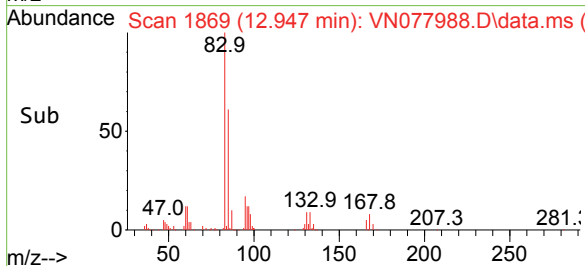
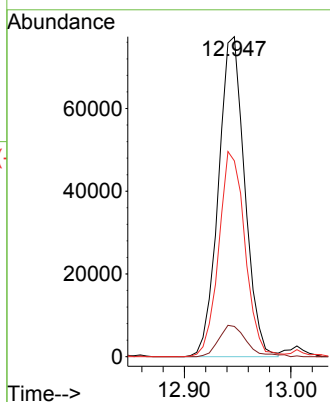
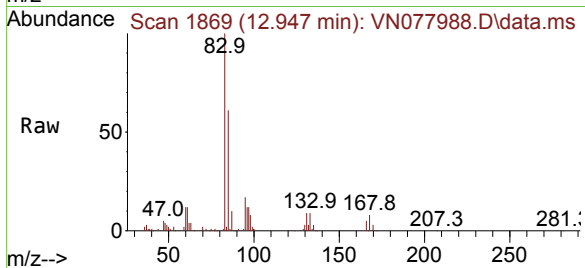
Tgt Ion: 83 Resp: 132667

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 64.1 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 28.350 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077988.D

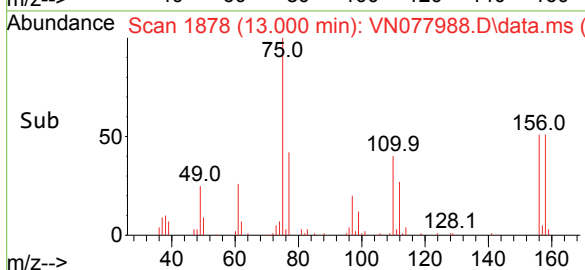
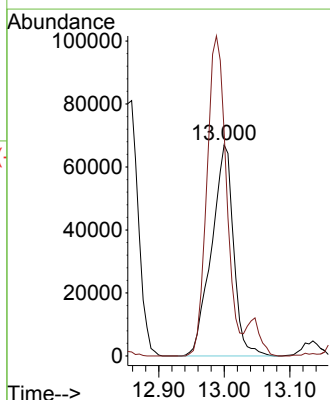
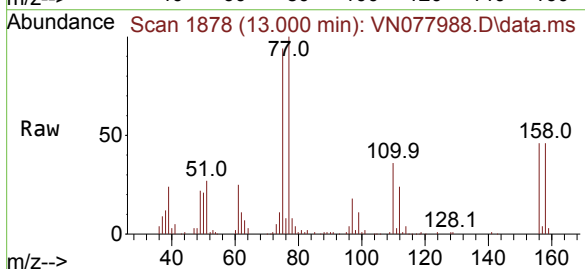
Acq: 31 May 2023 12:41

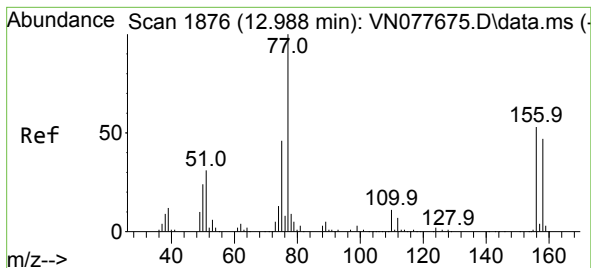
Tgt Ion: 75 Resp: 156635

Ion Ratio Lower Upper

75 100

77 134.5 84.5 253.5





#77

Bromobenzene

Concen: 22.819 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

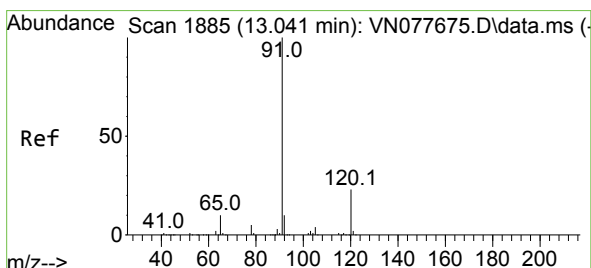
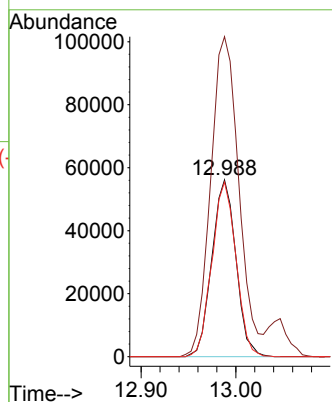
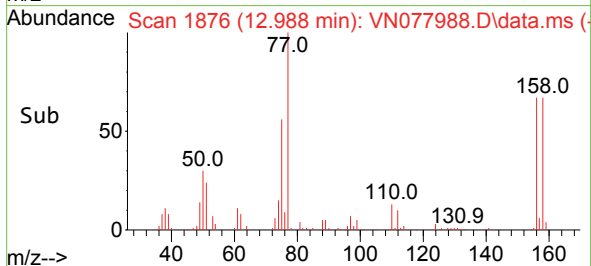
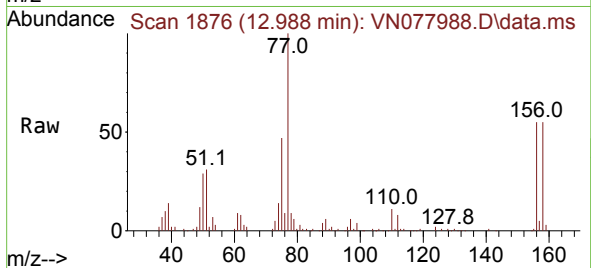
Tgt Ion:156 Resp: 99032

Ion Ratio Lower Upper

156 100

77 212.8 107.7 323.3

158 98.9 48.4 145.3



#78

n-propylbenzene

Concen: 22.833 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN077988.D

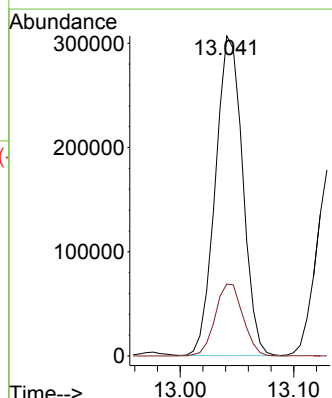
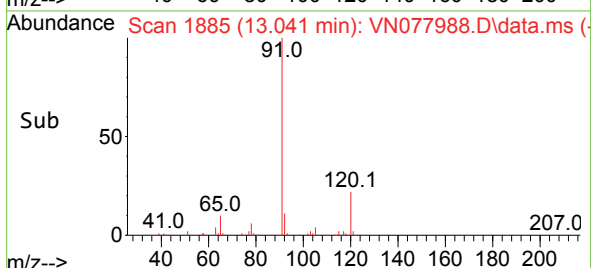
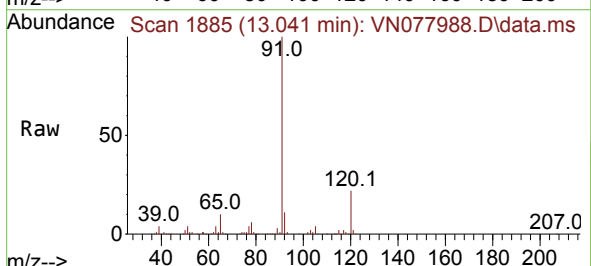
Acq: 31 May 2023 12:41

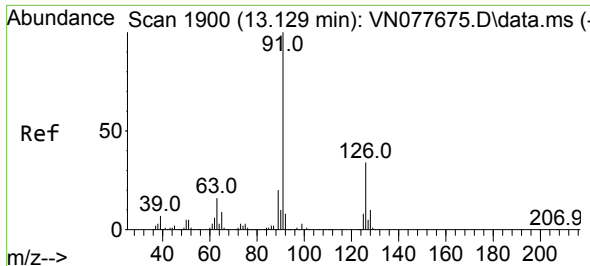
Tgt Ion: 91 Resp: 511920

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

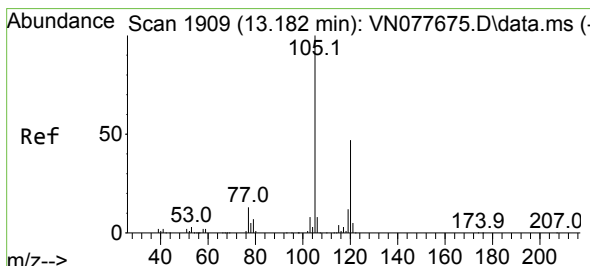
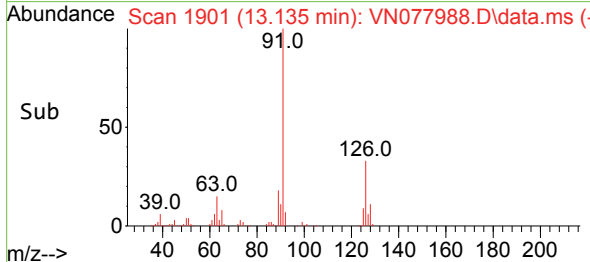
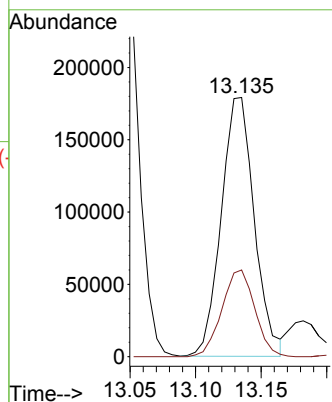
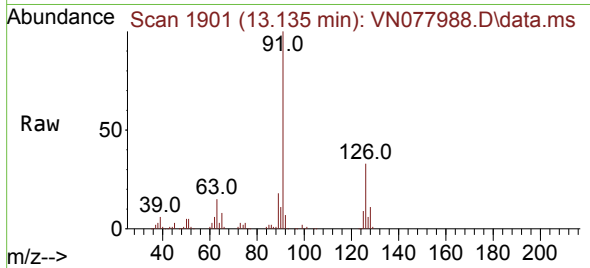




#79
2-Chlorotoluene
Concen: 23.505 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

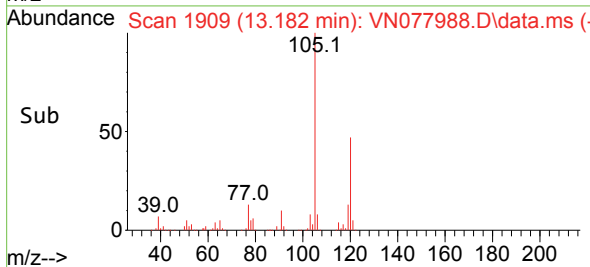
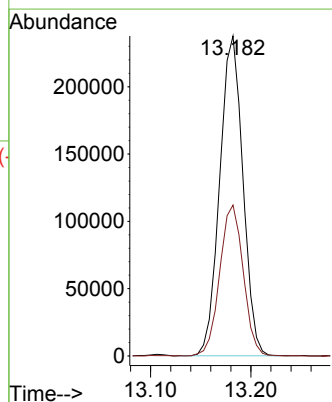
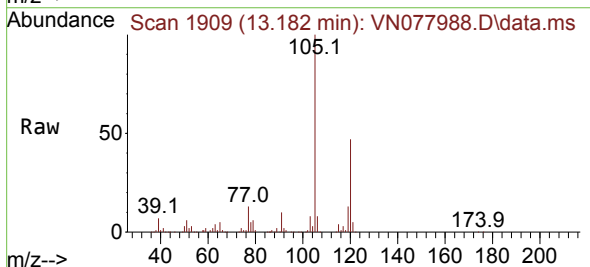
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

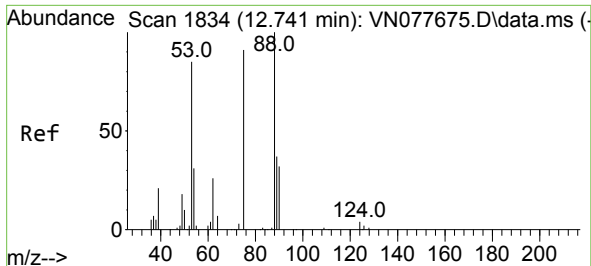
Tgt Ion: 91 Resp: 314460
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 23.754 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 105 Resp: 379672
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

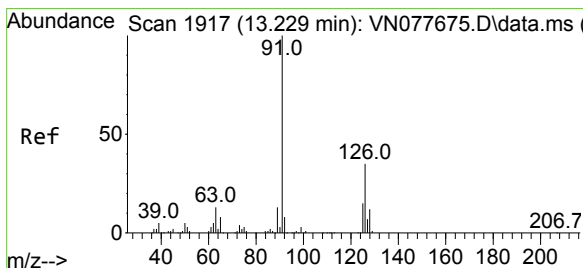
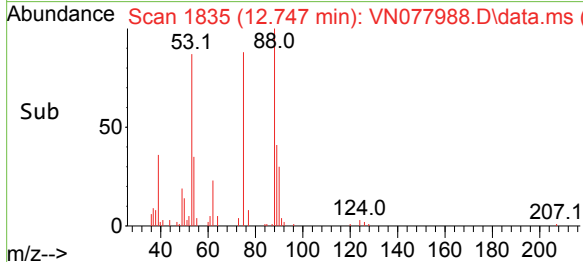
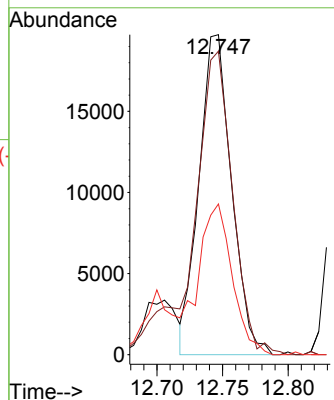
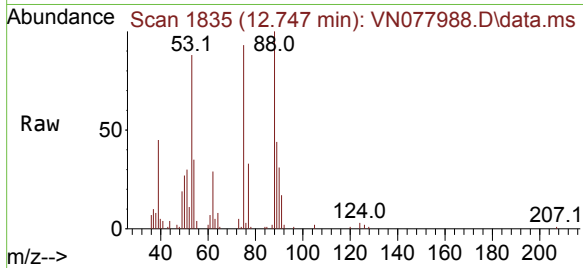




#81
trans-1,4-Dichloro-2-butene
Concen: 19.679 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

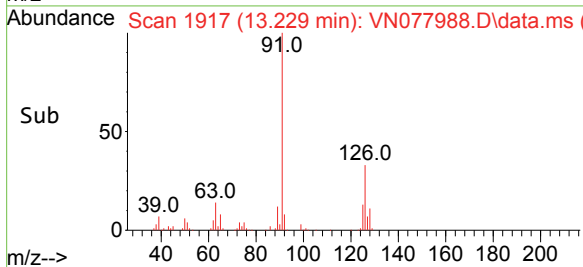
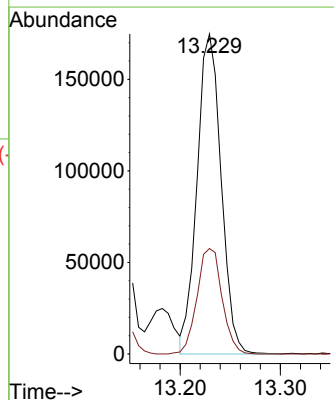
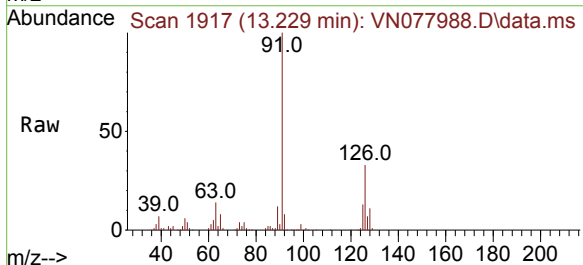
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

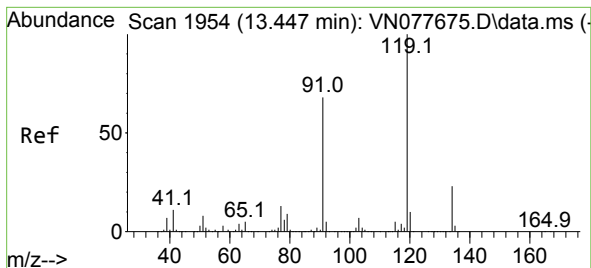
Tgt Ion: 75 Resp: 34014
Ion Ratio Lower Upper
75 100
53 114.8 67.4 101.2#
89 48.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 21.916 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion: 91 Resp: 291723
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 23.169 ug/l

RT: 13.447 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

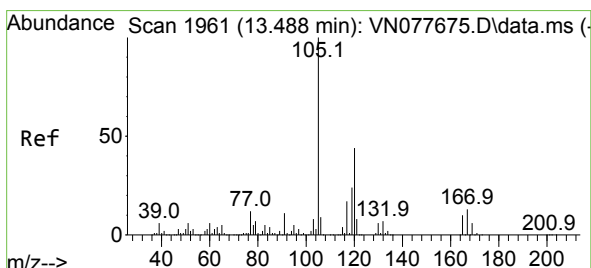
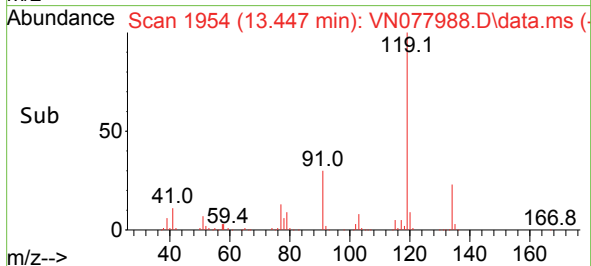
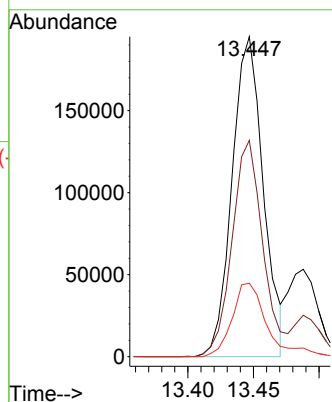
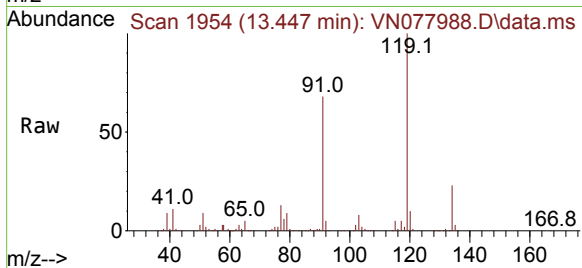
Tgt Ion:119 Resp: 323281

Ion Ratio Lower Upper

119 100

91 67.2 33.9 101.7

134 25.6 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 23.869 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VN077988.D

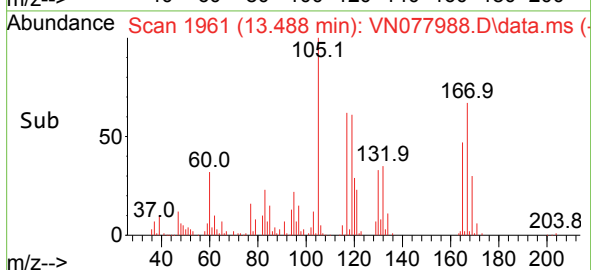
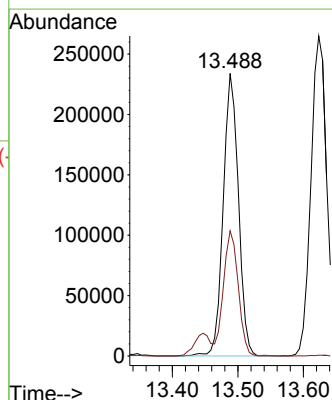
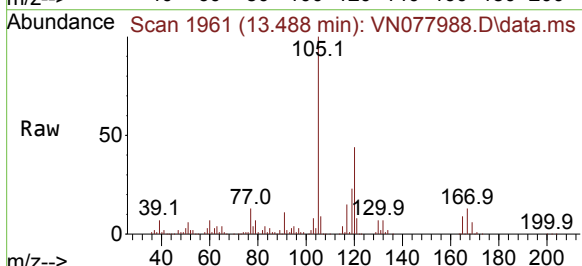
Acq: 31 May 2023 12:41

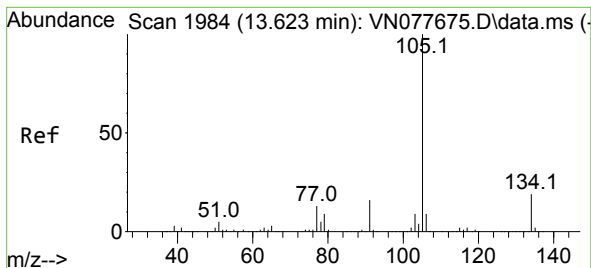
Tgt Ion:105 Resp: 375198

Ion Ratio Lower Upper

105 100

120 42.8 22.0 66.0

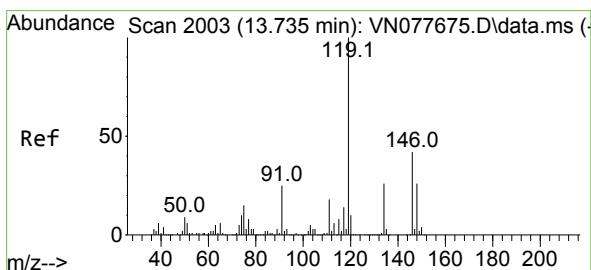
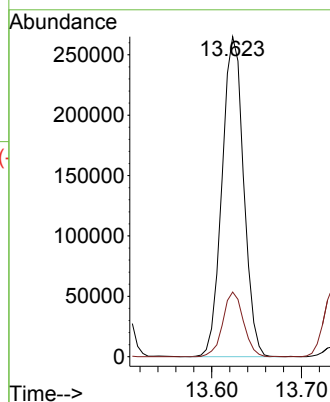
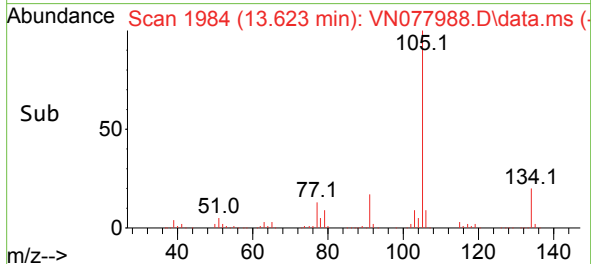
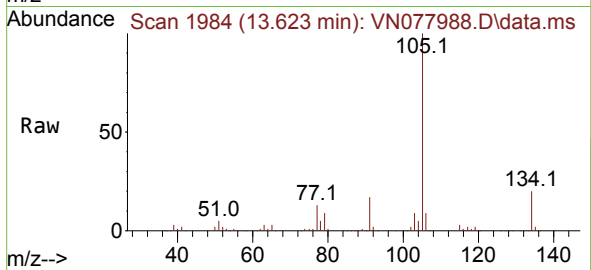




#85
 sec-Butylbenzene
 Concen: 22.345 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077988.D
 Acq: 31 May 2023 12:41

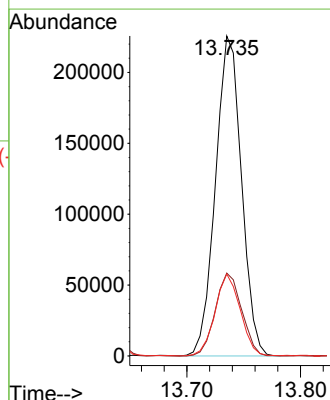
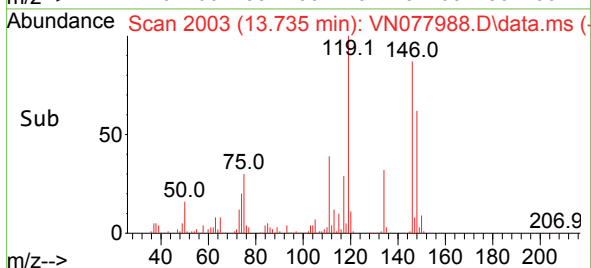
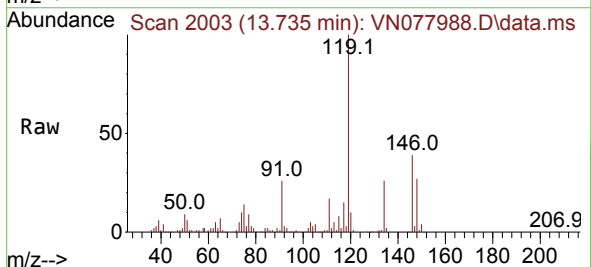
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBSD01

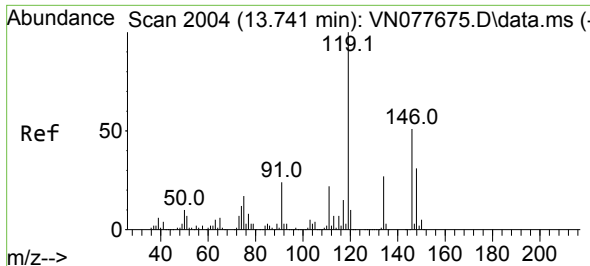
Tgt Ion:105 Resp: 443114
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 22.713 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077988.D
 Acq: 31 May 2023 12:41

Tgt Ion:119 Resp: 359068
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.9 12.4 37.2

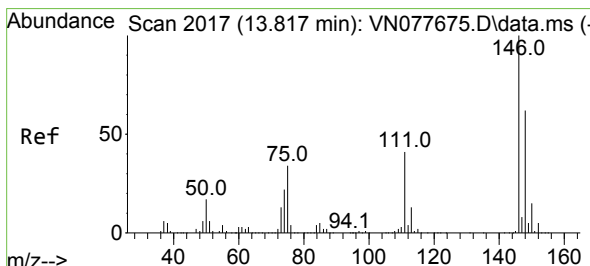
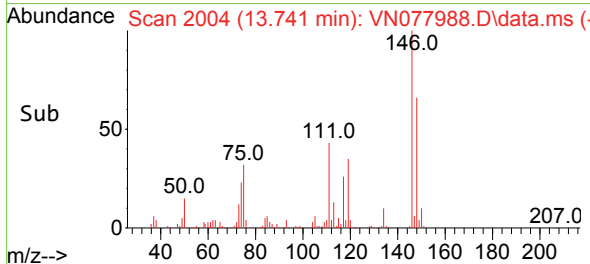
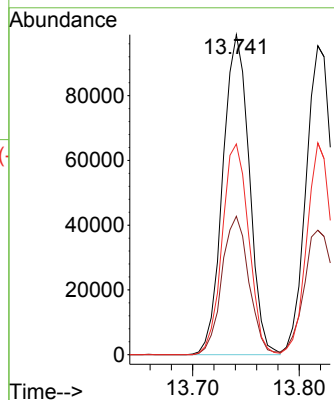
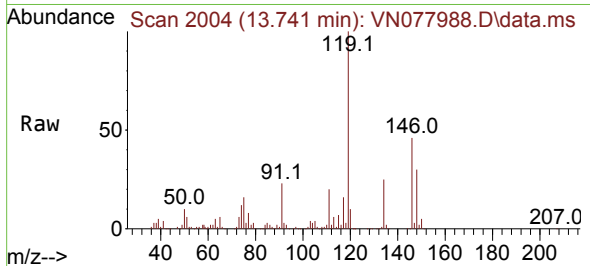




#87
1,3-Dichlorobenzene
Concen: 21.257 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

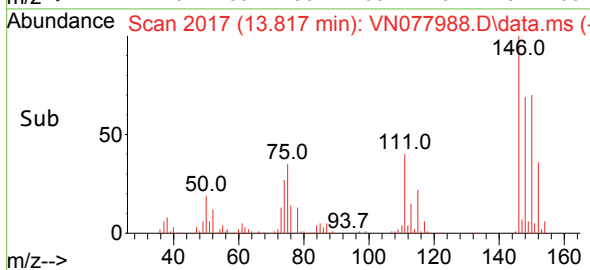
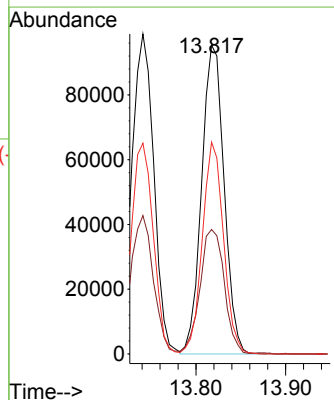
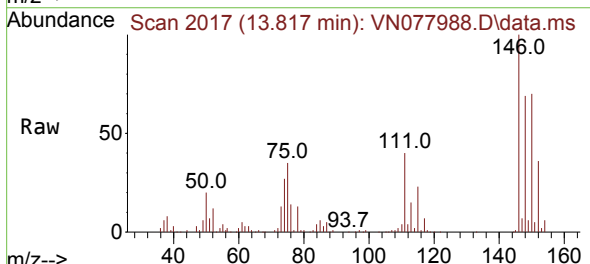
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

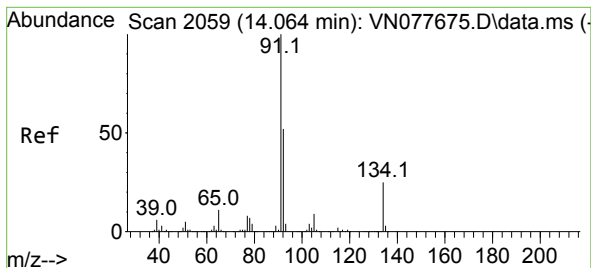
Tgt Ion:146 Resp: 170610
Ion Ratio Lower Upper
146 100
111 44.2 22.1 66.3
148 65.8 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 20.828 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:146 Resp: 165883
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.8
148 64.8 31.6 94.8





#89

n-Butylbenzene

Concen: 19.350 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

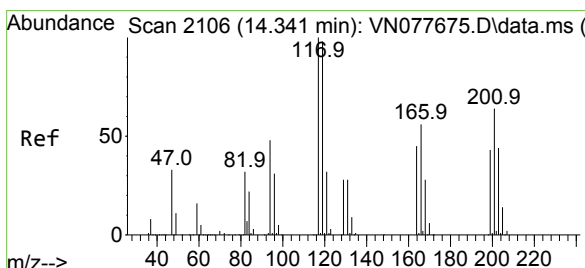
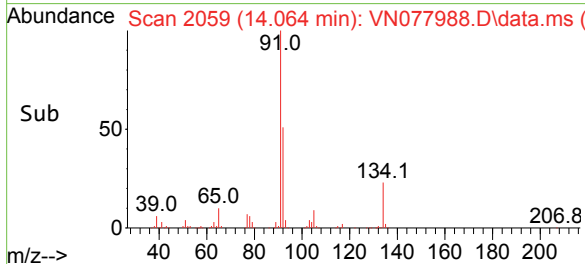
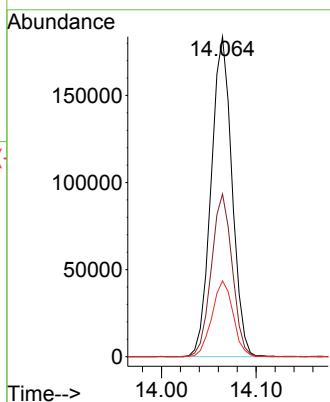
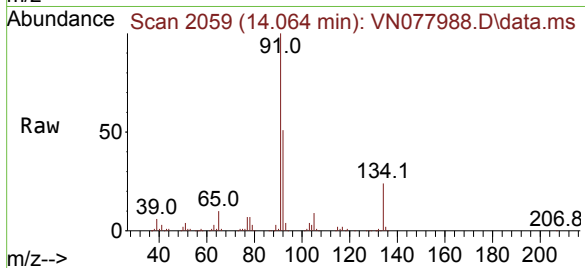
Tgt Ion: 91 Resp: 281374

Ion Ratio Lower Upper

91 100

92 50.9 26.4 79.0

134 24.1 12.6 37.6



#90

Hexachloroethane

Concen: 23.147 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077988.D

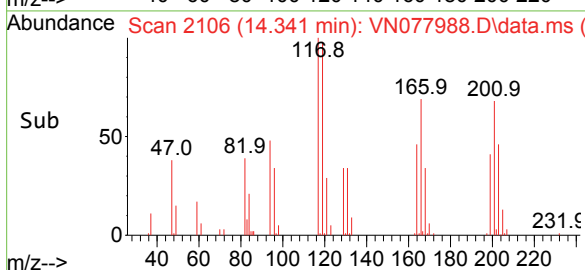
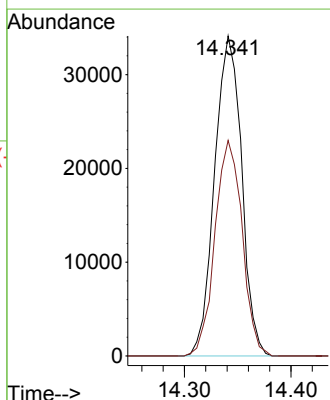
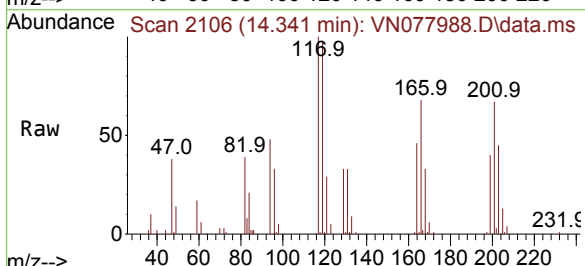
Acq: 31 May 2023 12:41

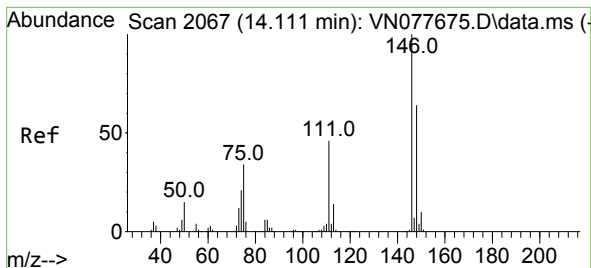
Tgt Ion: 117 Resp: 60116

Ion Ratio Lower Upper

117 100

201 67.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 22.980 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

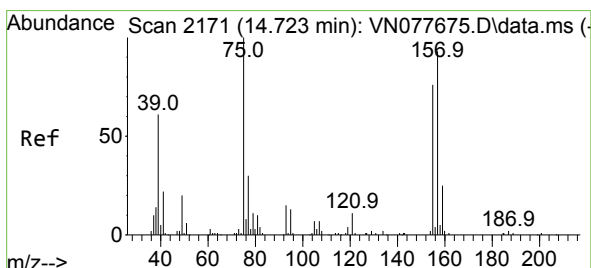
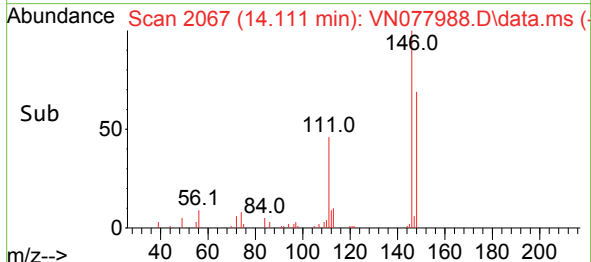
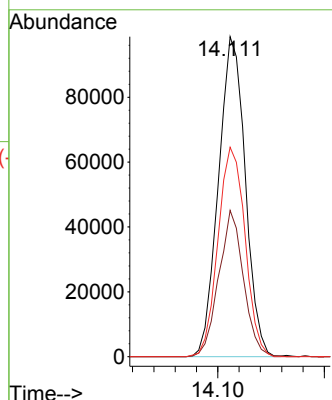
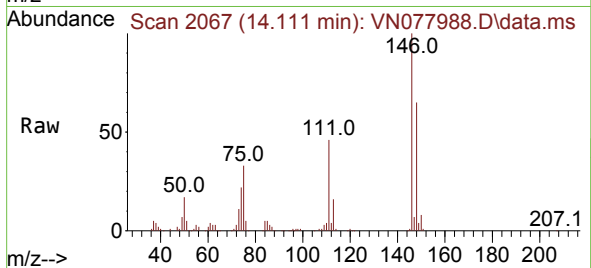
Tgt Ion:146 Resp: 172299

Ion Ratio Lower Upper

146 100

111 42.2 22.0 66.0

148 66.0 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.067 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

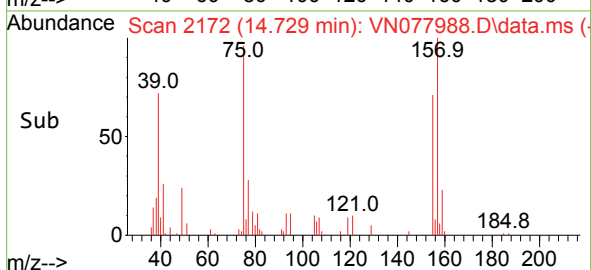
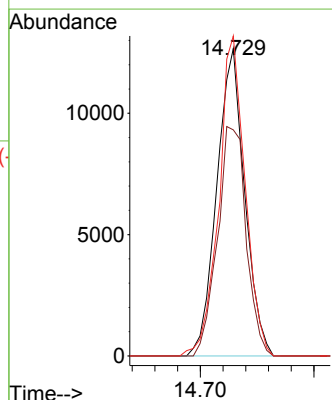
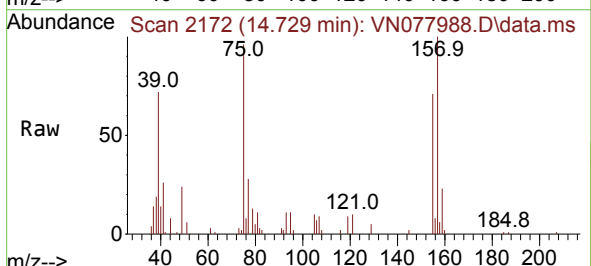
Tgt Ion: 75 Resp: 21597

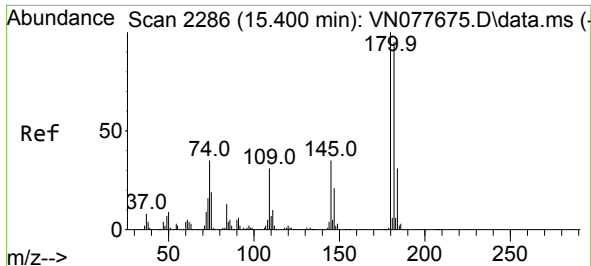
Ion Ratio Lower Upper

75 100

155 76.5 39.1 117.2

157 97.6 50.3 150.9

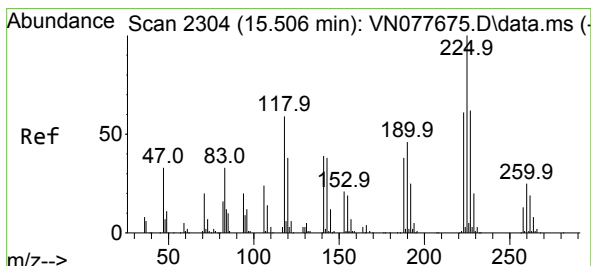
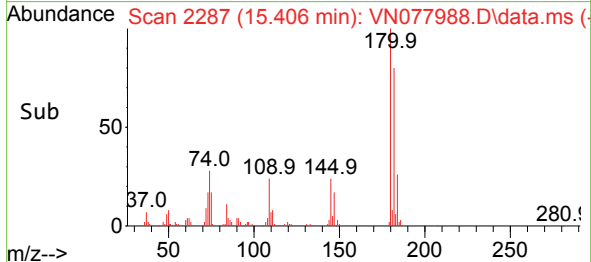
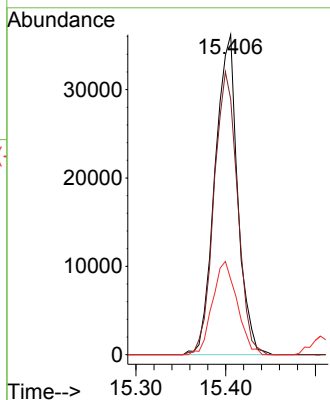
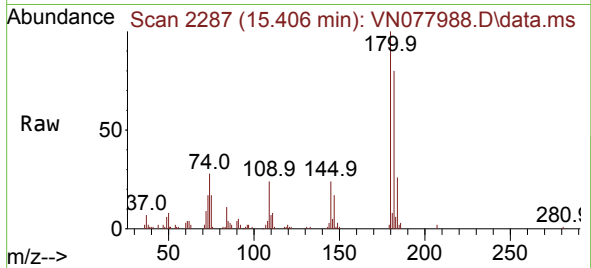




#93
1,2,4-Trichlorobenzene
Concen: 14.507 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

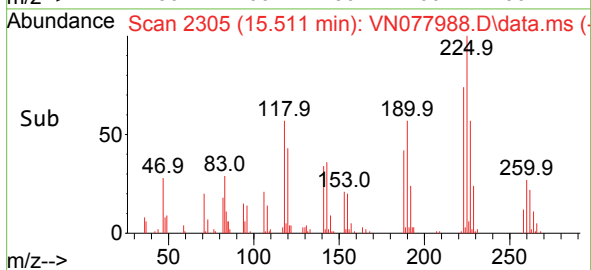
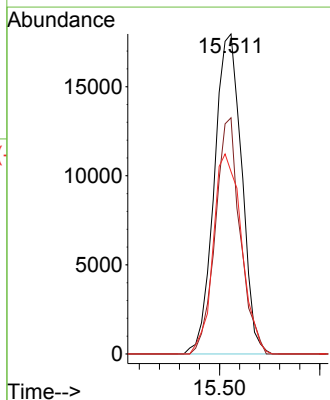
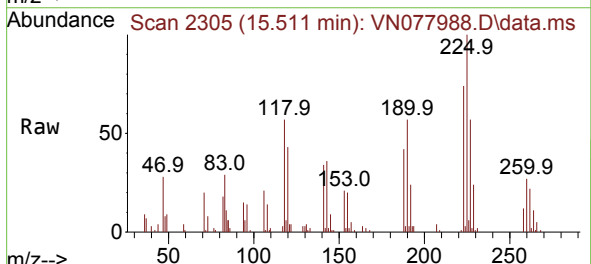
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBSD01

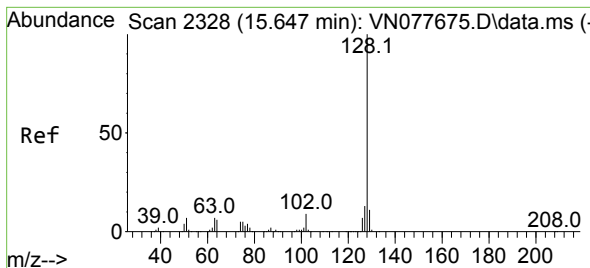
Tgt Ion:180 Resp: 63564
Ion Ratio Lower Upper
180 100
182 91.3 46.1 138.2
145 31.7 16.6 49.8



#94
Hexachlorobutadiene
Concen: 18.696 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077988.D
Acq: 31 May 2023 12:41

Tgt Ion:225 Resp: 34013
Ion Ratio Lower Upper
225 100
223 67.1 31.3 93.8
227 64.9 31.9 95.9





#95

Naphthalene

Concen: 12.122 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBSD01

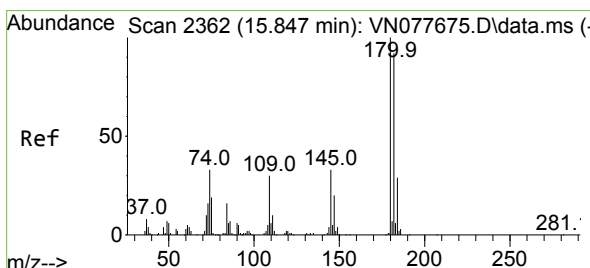
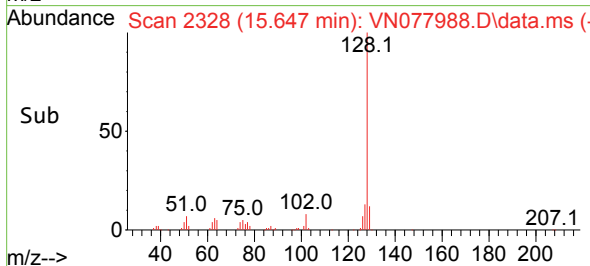
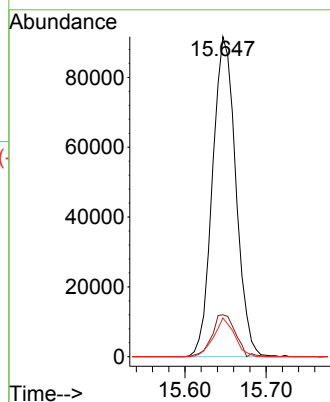
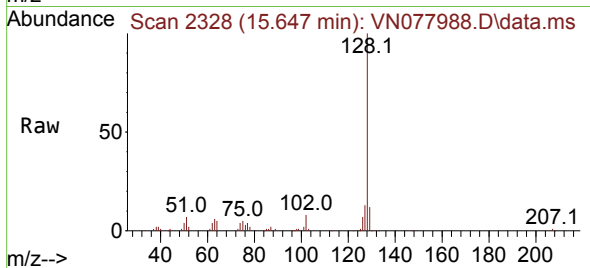
Tgt Ion:128 Resp: 182822

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.179 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077988.D

Acq: 31 May 2023 12:41

Tgt Ion:180 Resp: 69406

Ion Ratio Lower Upper

180 100

182 96.8 46.2 138.6

145 33.3 17.5 52.6

