

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077987.D
 Acq On : 31 May 2023 12:17
 Operator : JC\MD
 Sample : VN0531WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS01

Quant Time: Jun 01 01:49:33 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	8.230	168	378052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	665008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	575556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	282942	50.020	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.040%	
35) Dibromofluoromethane	8.171	113	244896	56.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.940%	
50) Toluene-d8	10.576	98	894006	53.561	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.120%	
62) 4-Bromofluorobenzene	12.853	95	290727	49.317	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	71657	16.655	ug/l	95
3) Chloromethane	2.371	50	82102	16.809	ug/l	92
4) Vinyl Chloride	2.524	62	102705	18.934	ug/l	94
5) Bromomethane	2.965	94	83873	20.906	ug/l	93
6) Chloroethane	3.130	64	75278	19.256	ug/l	100
7) Trichlorofluoromethane	3.506	101	147716	19.540	ug/l	96
8) Diethyl Ether	3.971	74	50487	18.294	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	82697	19.767	ug/l	96
10) Methyl Iodide	4.600	142	104235	20.892	ug/l	96
11) Tert butyl alcohol	5.530	59	72205	92.491	ug/l	99
12) 1,1-Dichloroethene	4.347	96	81451	20.484	ug/l	96
13) Acrolein	4.189	56	30754	39.083	ug/l	92
14) Allyl chloride	5.030	41	102489	17.546	ug/l	92
15) Acrylonitrile	5.736	53	193364	92.712	ug/l	100
16) Acetone	4.442	43	166987	93.831	ug/l	97
17) Carbon Disulfide	4.718	76	187003	17.454	ug/l	96
18) Methyl Acetate	5.042	43	140205	18.779	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	279227	19.401	ug/l	99
20) Methylene Chloride	5.283	84	94394	19.160	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	87535	19.598	ug/l	89
22) Diisopropyl ether	6.677	45	261464	19.097	ug/l	96
23) Vinyl Acetate	6.612	43	766977	90.413	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	171135	20.402	ug/l	95
25) 2-Butanone	7.494	43	250760	90.075	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	140176	19.670	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	107451	20.064	ug/l	92
28) Bromochloromethane	7.818	49	69864	19.259	ug/l	91
29) Tetrahydrofuran	7.847	42	157047	86.153	ug/l #	85
30) Chloroform	7.977	83	185007	20.050	ug/l	94
31) Cyclohexane	8.259	56	140821	18.317	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	162079	20.660	ug/l	99
36) 1,1-Dichloropropene	8.377	75	132597	20.905	ug/l	97
37) Ethyl Acetate	7.571	43	102899	18.202	ug/l #	92
38) Carbon Tetrachloride	8.371	117	141164	22.040	ug/l	95
39) Methylcyclohexane	9.612	83	147093	18.943	ug/l	93
40) Benzene	8.612	78	402867	21.524	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52149	17.321	ug/l	97
42) 1,2-Dichloroethane	8.677	62	138028	20.301	ug/l	97
43) Isopropyl Acetate	8.694	43	176871	19.154	ug/l	96
44) Trichloroethene	9.359	130	102350	21.596	ug/l	94
45) 1,2-Dichloropropane	9.629	63	101719	21.306	ug/l	99
46) Dibromomethane	9.718	93	72588	21.248	ug/l	97
47) Bromodichloromethane	9.894	83	147353	22.529	ug/l	93
48) Methyl methacrylate	9.688	41	82856	18.925	ug/l	90
49) 1,4-Dioxane	9.700	88	31272	378.183	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	525178	95.680	ug/l	94
52) Toluene	10.635	92	249834	21.441	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	141216	20.389	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	157740	20.666	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	98263	21.238	ug/l	94
56) Ethyl methacrylate	10.882	69	136655	19.535	ug/l	92
57) 1,3-Dichloropropane	11.171	76	166448	20.985	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	255806	74.329	ug/l	92
59) 2-Hexanone	11.200	43	366302	90.224	ug/l	91
60) Dibromochloromethane	11.365	129	103732	21.718	ug/l	96
61) 1,2-Dibromoethane	11.476	107	99170	21.485	ug/l	100
64) Tetrachloroethene	11.112	164	97379	24.194	ug/l	97
65) Chlorobenzene	11.894	112	267465	21.436	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	103306	23.928	ug/l	98
67) Ethyl Benzene	11.970	91	477144	21.339	ug/l	100
68) m/p-Xylenes	12.076	106	359425	42.423	ug/l	97
69) o-Xylene	12.406	106	175048	21.009	ug/l	94
70) Styrene	12.417	104	280689	21.206	ug/l	97
71) Bromoform	12.582	173	64370	22.413	ug/l #	96
73) Isopropylbenzene	12.700	105	461243	23.428	ug/l	99
74) N-amyl acetate	12.500	43	133907	18.401	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	135877	22.435	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	156442	27.351	ug/l	77
77) Bromobenzene	12.988	156	100202	22.303	ug/l	100
78) n-propylbenzene	13.041	91	518299	22.331	ug/l	99
79) 2-Chlorotoluene	13.129	91	323090	23.328	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	391396	23.654	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	34722	19.405	ug/l #	86
82) 4-Chlorotoluene	13.229	91	296949	21.549	ug/l	98
83) tert-Butylbenzene	13.447	119	332162	22.995	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	379762	23.337	ug/l	100
85) sec-Butylbenzene	13.623	105	446940	21.771	ug/l	99
86) p-Isopropyltoluene	13.735	119	372922	22.786	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	176892	21.290	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	165251	20.043	ug/l	97
89) n-Butylbenzene	14.064	91	286260	19.016	ug/l	97
90) Hexachloroethane	14.341	117	63313	23.549	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	174254	22.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	20477	17.463	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63307	13.957	ug/l	98
94) Hexachlorobutadiene	15.511	225	35022	18.596	ug/l	95
95) Naphthalene	15.647	128	173350	11.103	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	68071	15.327	ug/l	99

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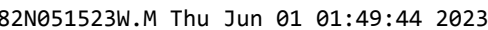
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

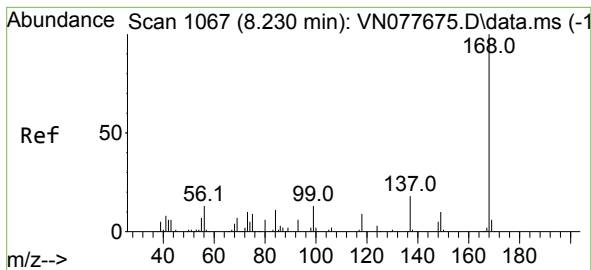
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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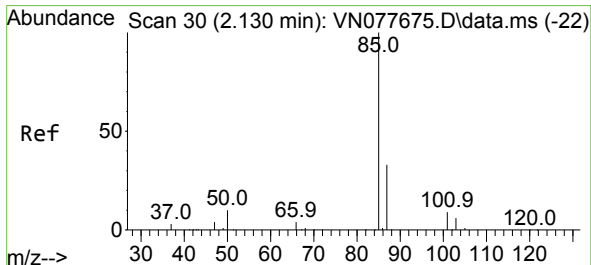
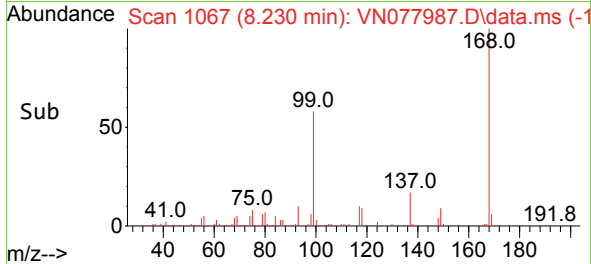
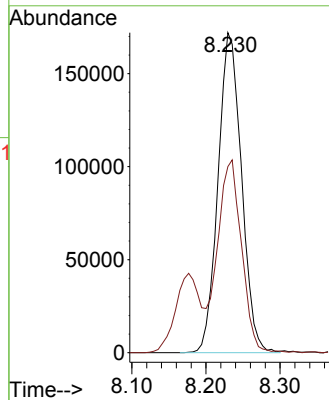
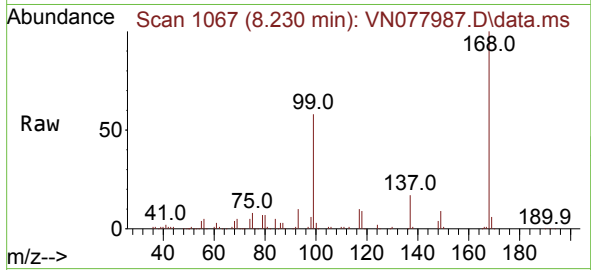




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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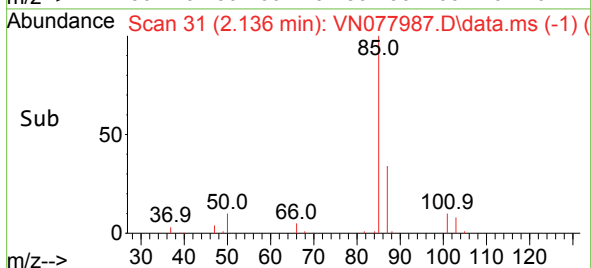
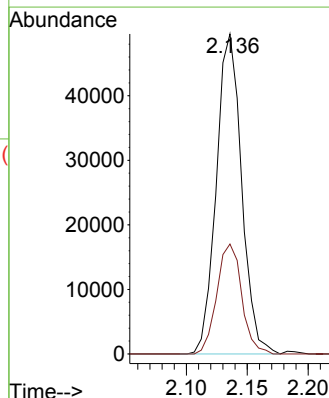
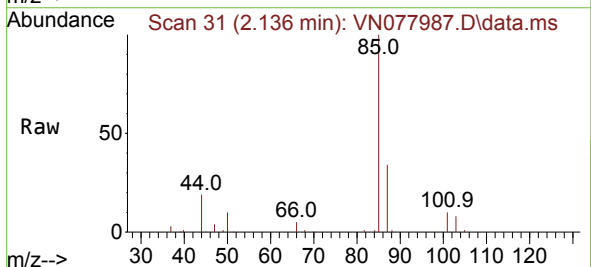
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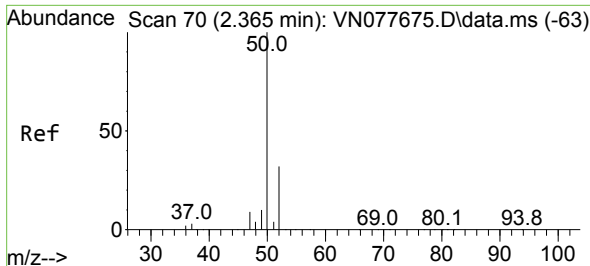
Tgt Ion:168 Resp: 378052
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 16.655 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 85 Resp: 71657
Ion Ratio Lower Upper
85 100
87 34.3 15.8 47.4

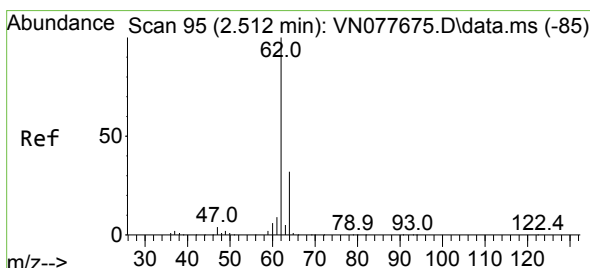
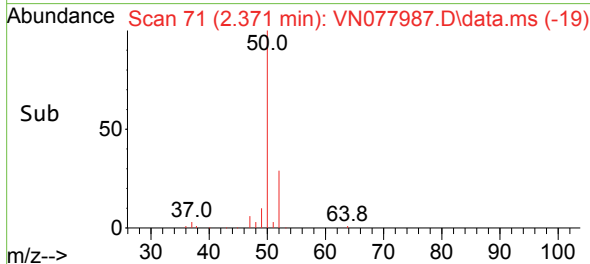
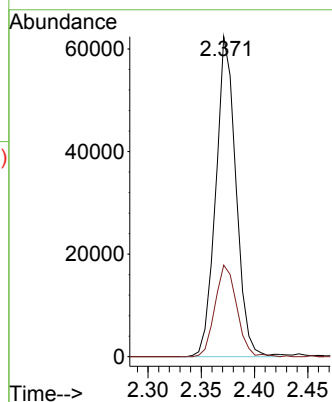
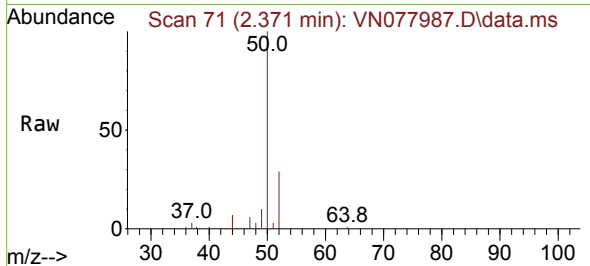




#3
Chloromethane
Concen: 16.809 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

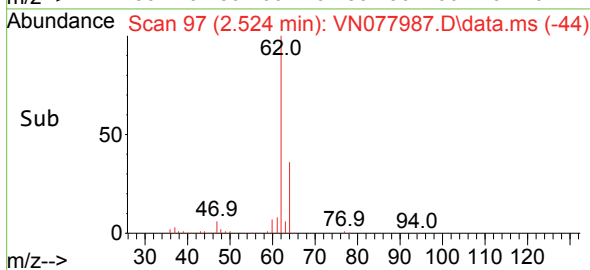
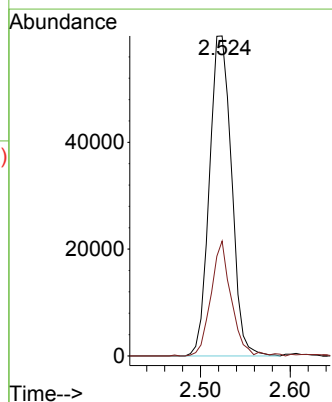
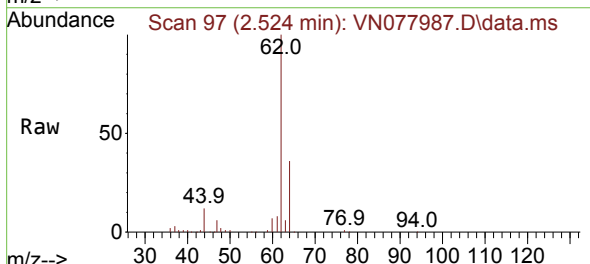
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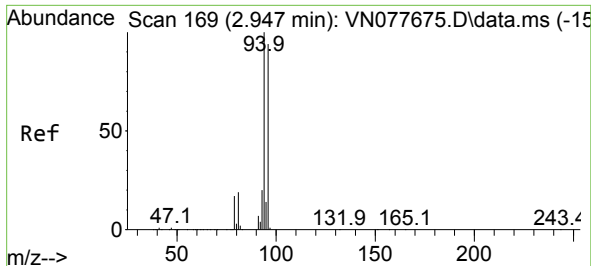
Tgt Ion: 50 Resp: 82102
Ion Ratio Lower Upper
50 100
52 28.6 26.5 39.7



#4
Vinyl Chloride
Concen: 18.934 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 62 Resp: 102705
Ion Ratio Lower Upper
62 100
64 35.9 26.2 39.2

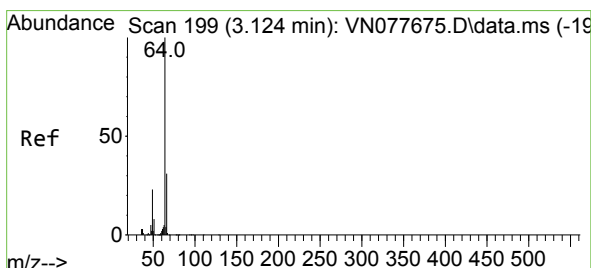
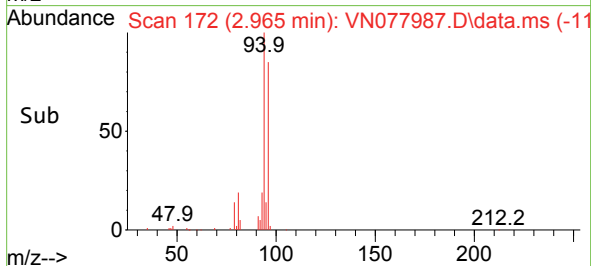
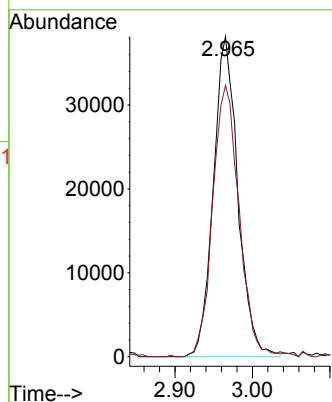
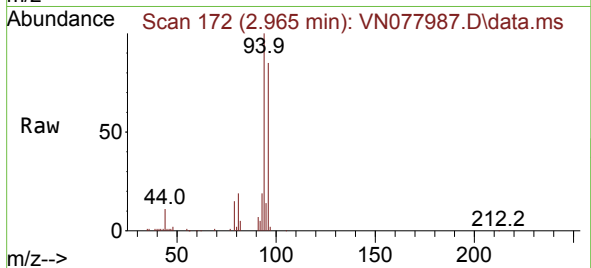




#5
Bromomethane
Concen: 20.906 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

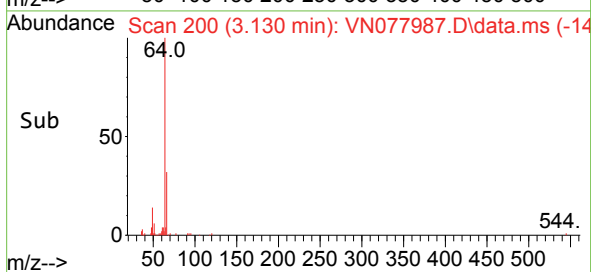
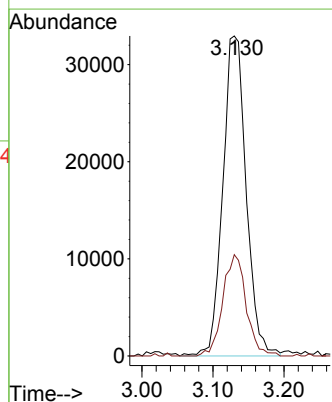
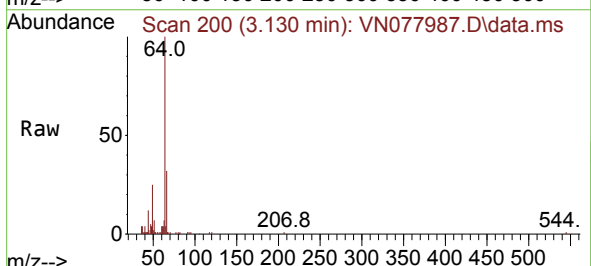
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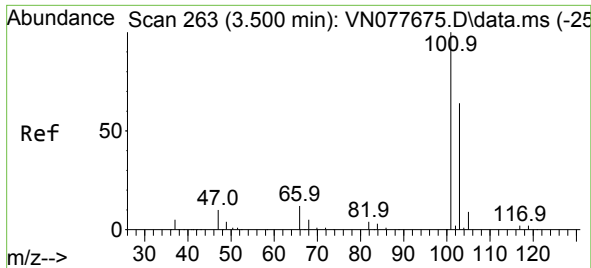
Tgt Ion: 94 Resp: 83873
Ion Ratio Lower Upper
94 100
96 84.8 73.1 109.7



#6
Chloroethane
Concen: 19.256 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 64 Resp: 75278
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2

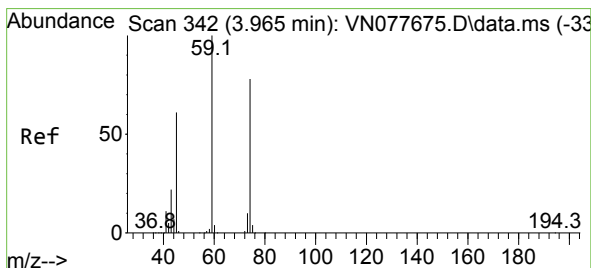
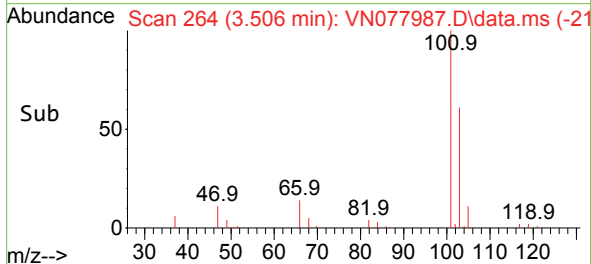
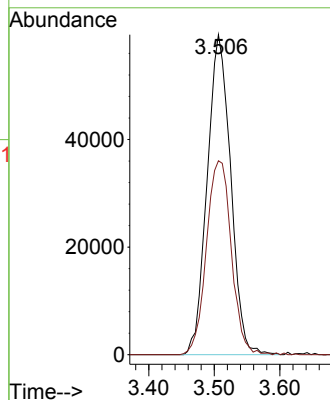
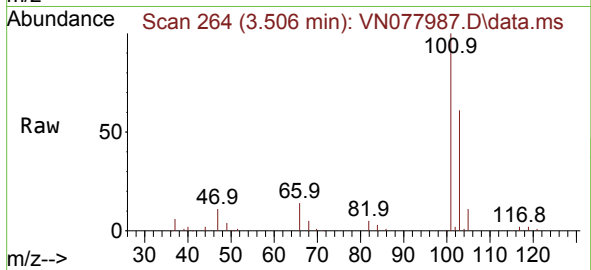




#7
 Trichlorofluoromethane
 Concen: 19.540 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN077987.D
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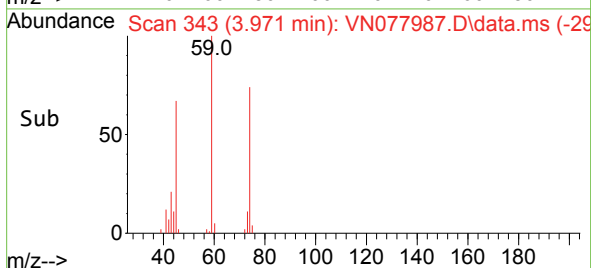
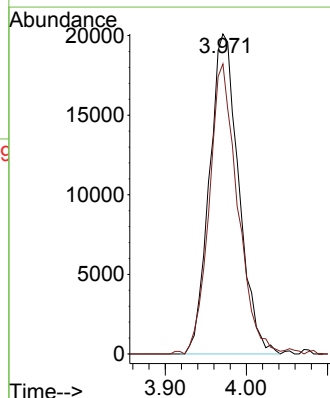
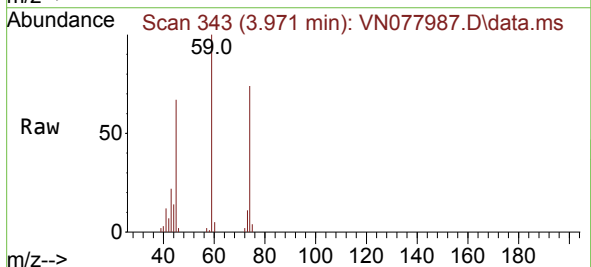
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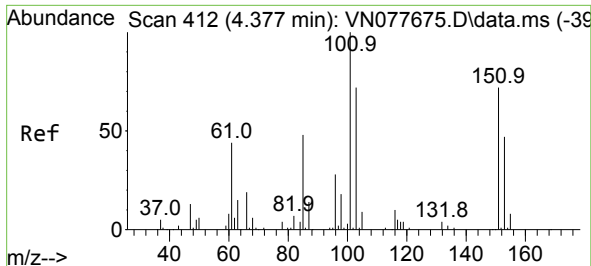
Tgt Ion:101 Resp: 147716
 Ion Ratio Lower Upper
 101 100
 103 60.6 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.294 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 50487
 Ion Ratio Lower Upper
 74 100
 45 87.9 34.4 103.3

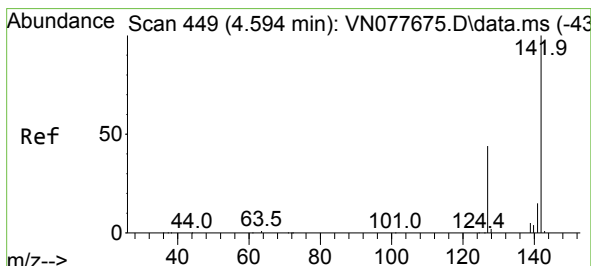
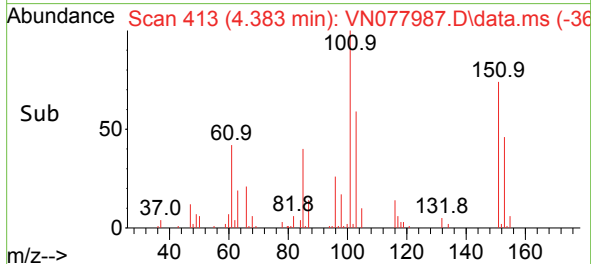
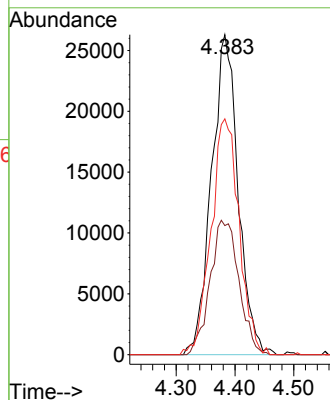
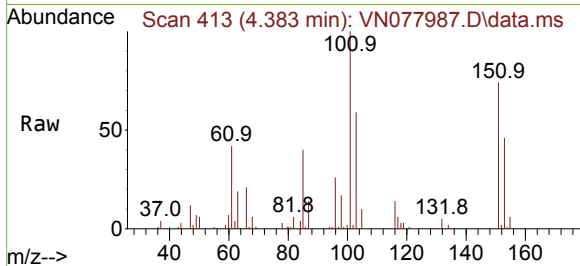




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.767 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
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Acq: 31 May 2023 12:17

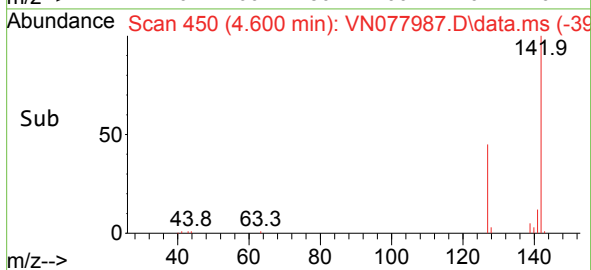
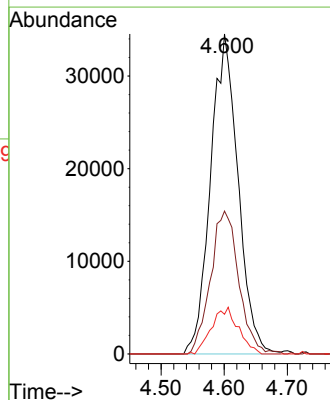
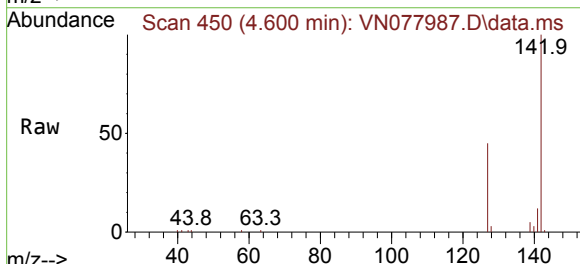
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

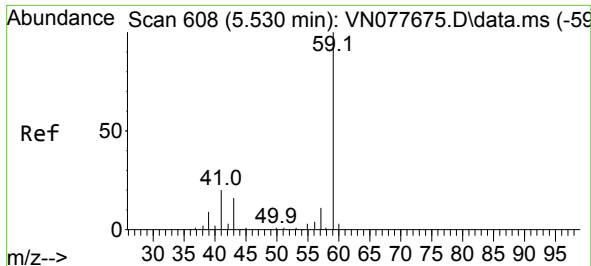
Tgt Ion:101 Resp: 82697
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 77.6 57.6 86.4



#10
Methyl Iodide
Concen: 20.892 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion:142 Resp: 104235
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 12.4 11.4 17.0

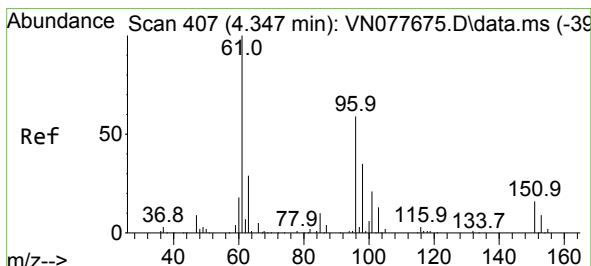
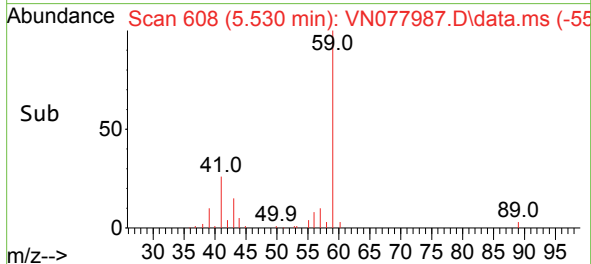
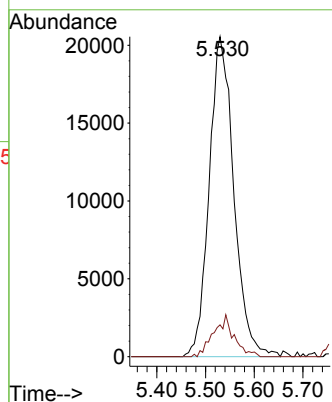
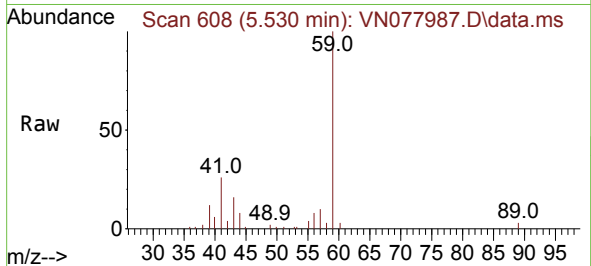




#11
Tert butyl alcohol
Concen: 92.491 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

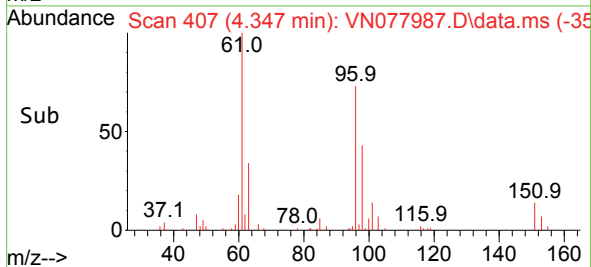
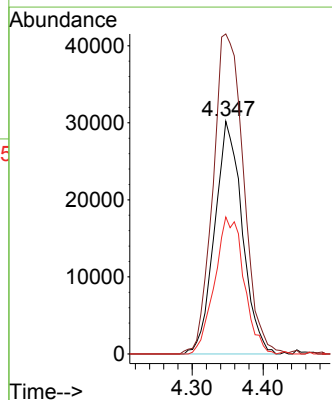
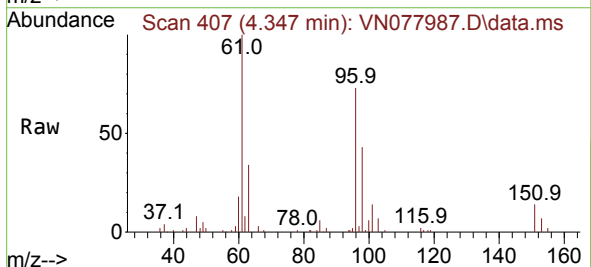
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

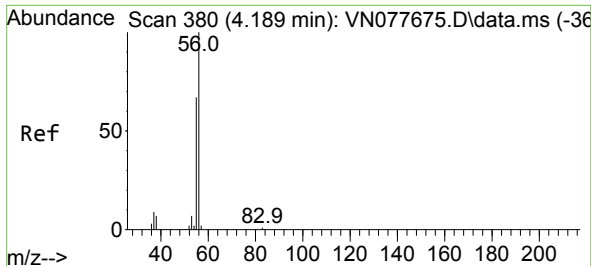
Tgt Ion: 59 Resp: 72205
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 20.484 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 96 Resp: 81451
Ion Ratio Lower Upper
96 100
61 137.5 112.7 169.1
98 58.9 51.2 76.8





#13

Acrolein

Concen: 39.083 ug/l

RT: 4.189 min Scan# 380

Delta R.T. -0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

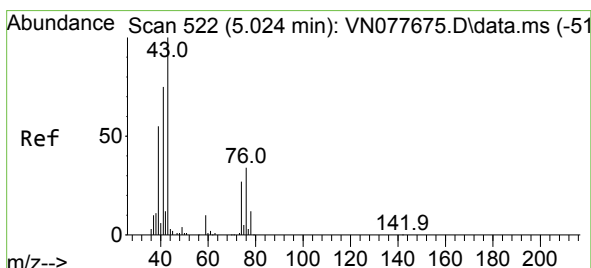
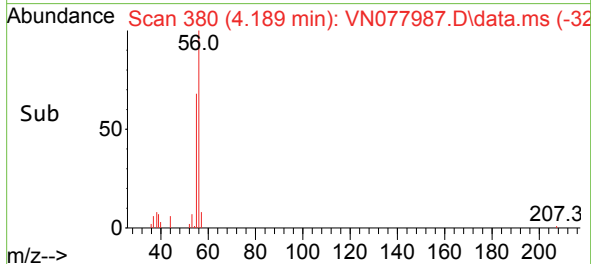
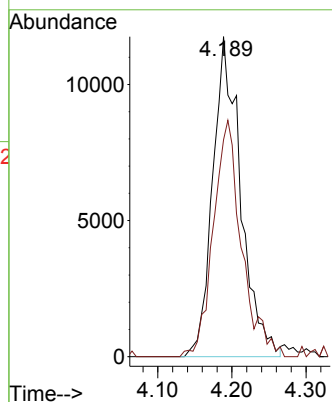
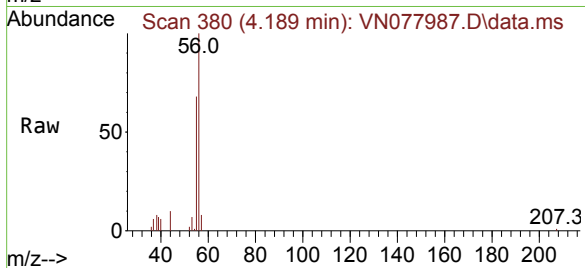
VN0531WBS01

Tgt Ion: 56 Resp: 30754

Ion Ratio Lower Upper

56 100

55 74.6 54.5 81.7



#14

Allyl chloride

Concen: 17.546 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

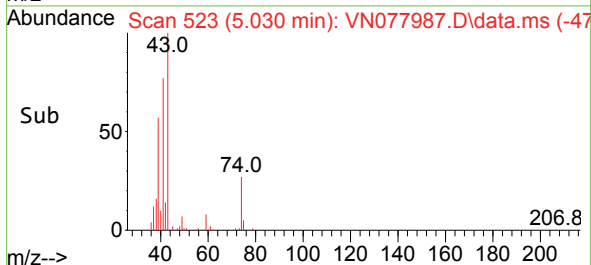
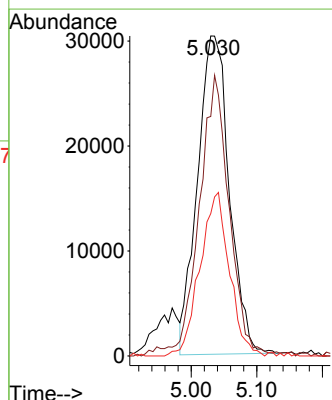
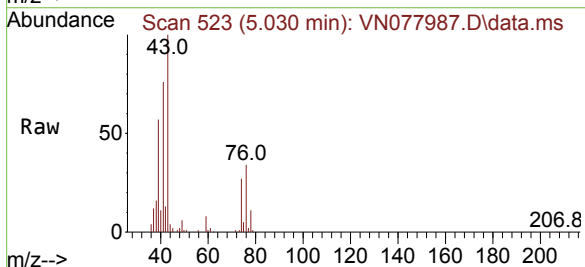
Tgt Ion: 41 Resp: 102489

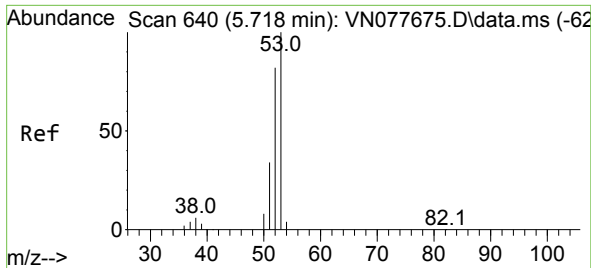
Ion Ratio Lower Upper

41 100

39 83.4 58.8 88.2

76 47.4 39.1 58.7

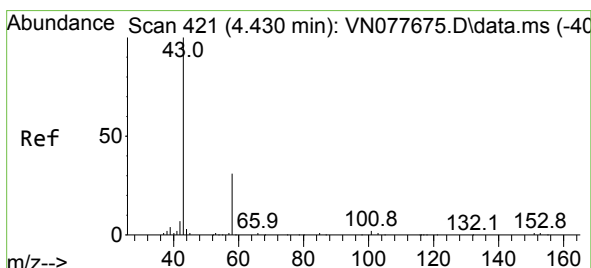
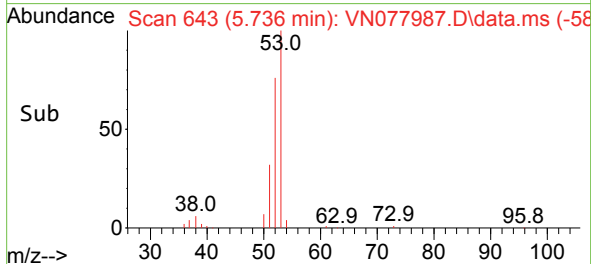
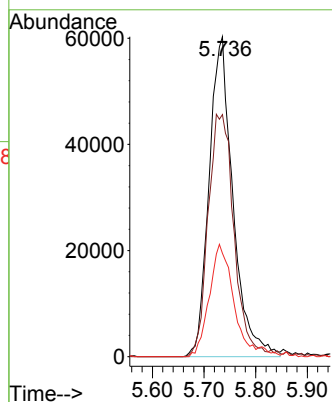
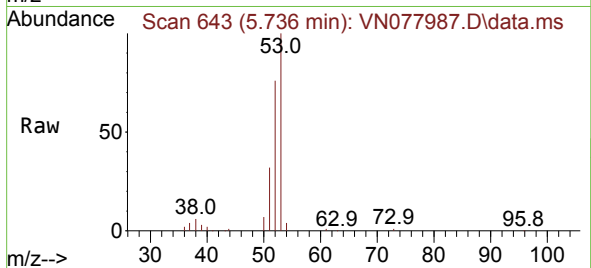




#15
Acrylonitrile
Concen: 92.712 ug/l
RT: 5.736 min Scan# 640
Delta R.T. 0.018 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

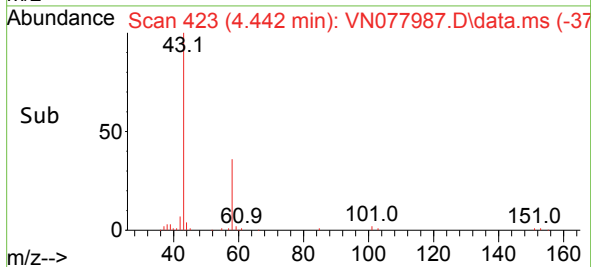
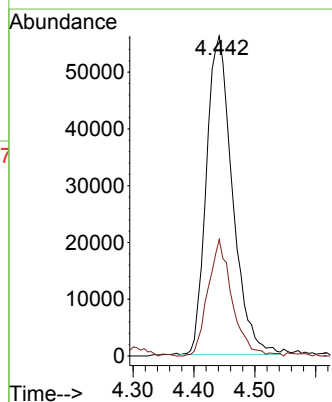
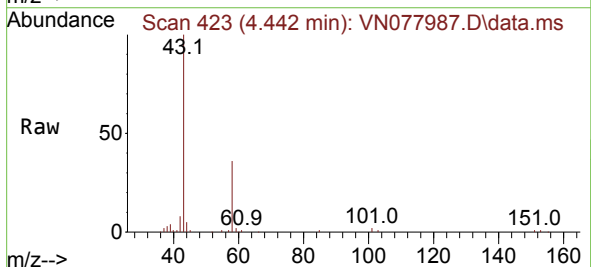
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

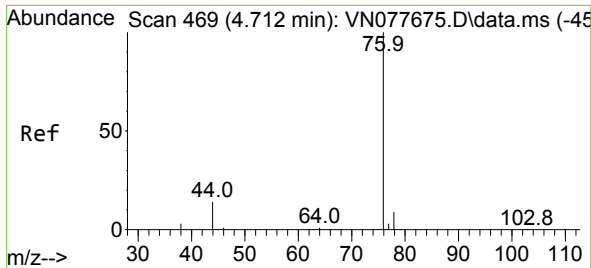
Tgt Ion: 53 Resp: 193364
Ion Ratio Lower Upper
53 100
52 81.5 65.3 97.9
51 36.6 28.9 43.3



#16
Acetone
Concen: 93.831 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 43 Resp: 166987
Ion Ratio Lower Upper
43 100
58 36.6 28.0 42.0

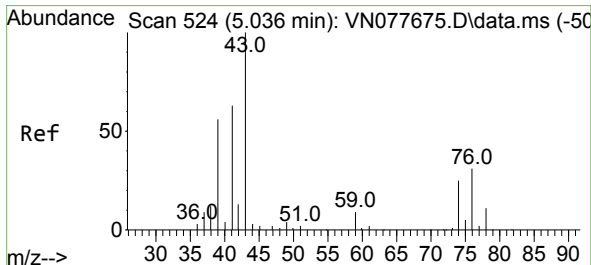
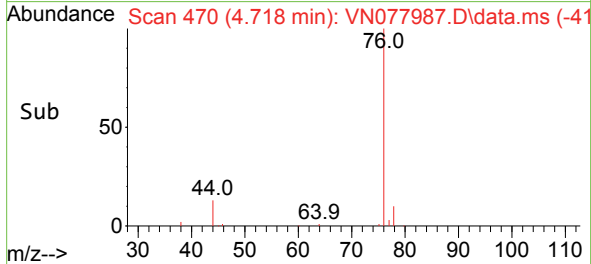
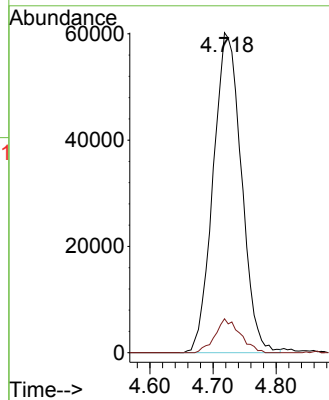
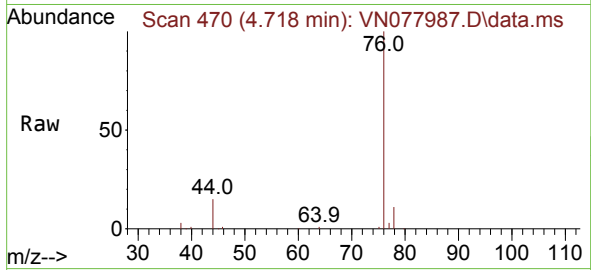




#17
Carbon Disulfide
Concen: 17.454 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

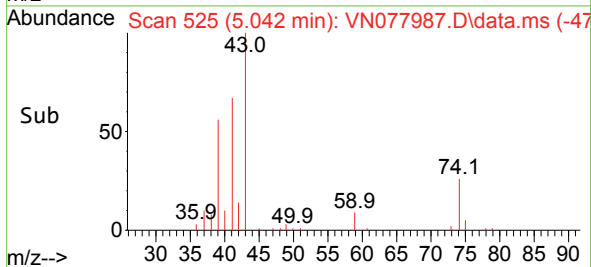
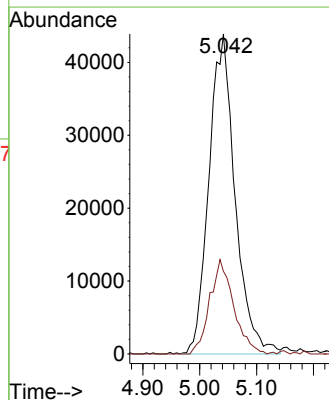
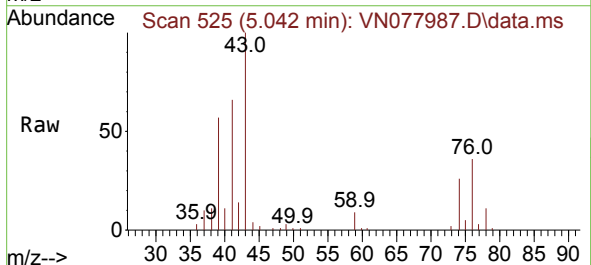
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

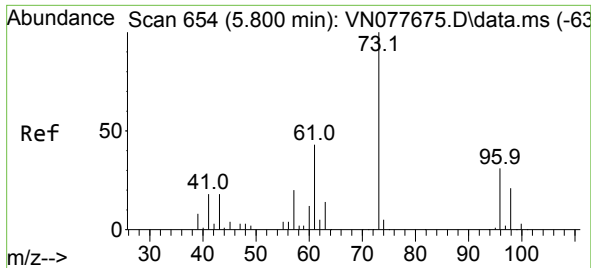
Tgt Ion: 76 Resp: 187003
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#18
Methyl Acetate
Concen: 18.779 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 43 Resp: 140205
Ion Ratio Lower Upper
43 100
74 27.0 26.2 39.4

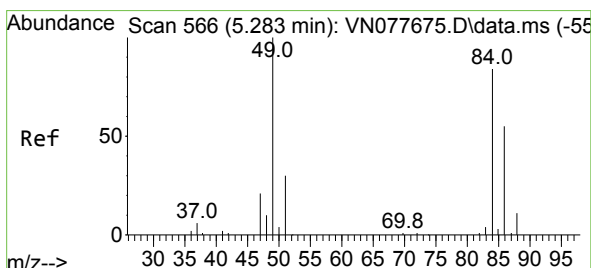
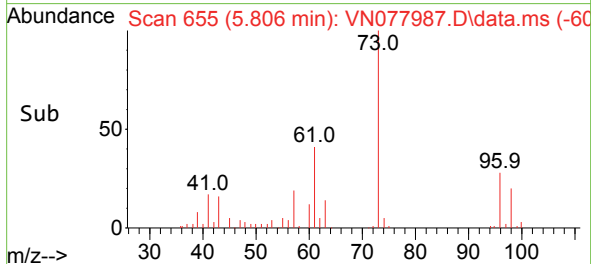
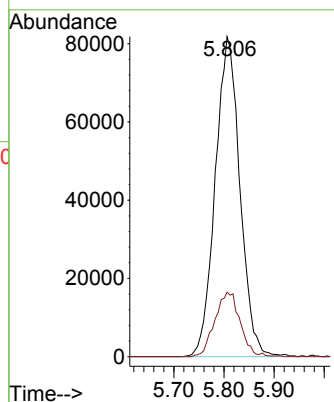
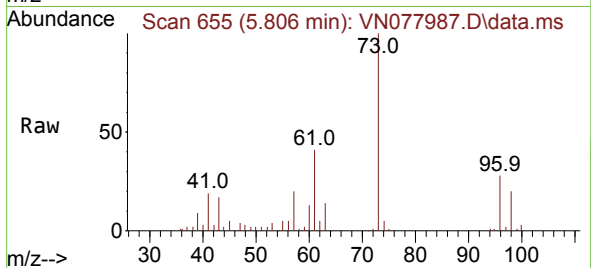




#19
Methyl tert-butyl Ether
Concen: 19.401 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

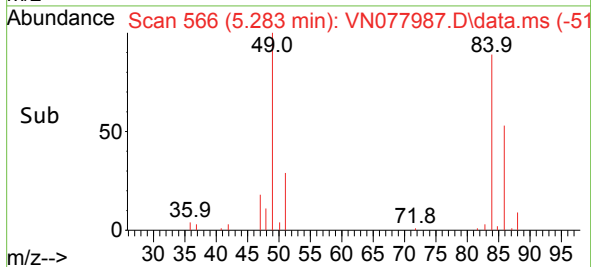
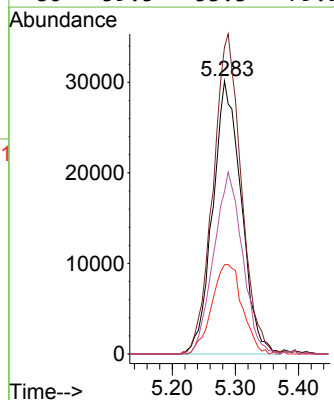
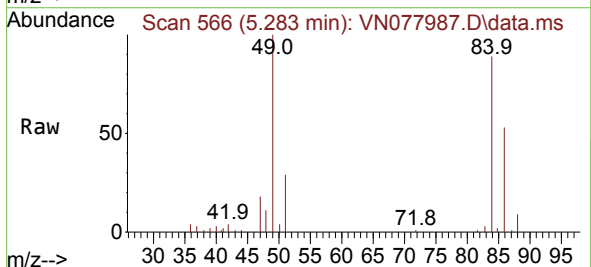
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

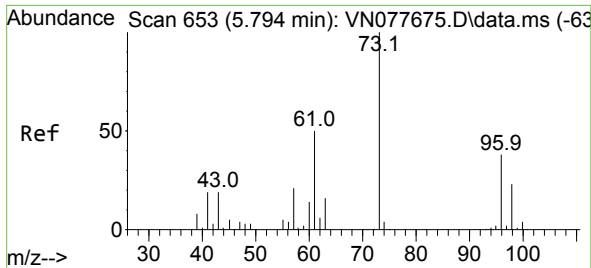
Tgt Ion: 73 Resp: 279227
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4



#20
Methylene Chloride
Concen: 19.160 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 84 Resp: 94394
Ion Ratio Lower Upper
84 100
49 112.5 79.7 119.5
51 32.7 25.2 37.8
86 59.5 53.3 79.9

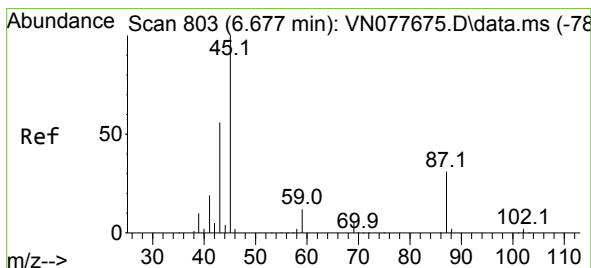
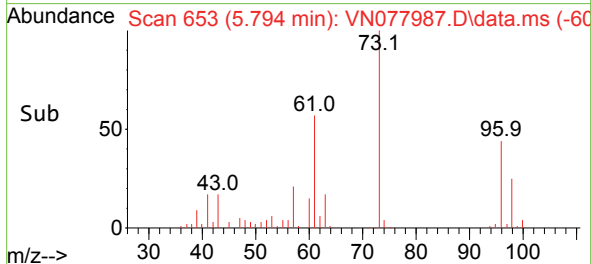
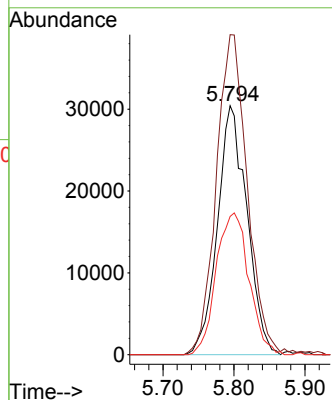
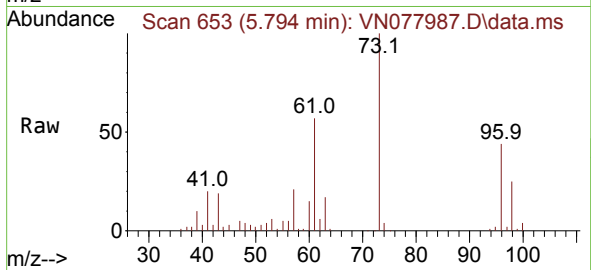




#21
trans-1,2-Dichloroethene
Concen: 19.598 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

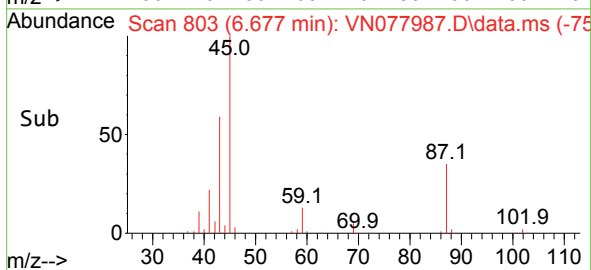
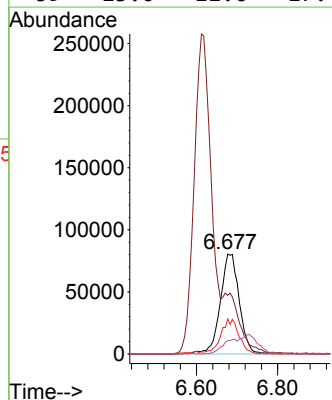
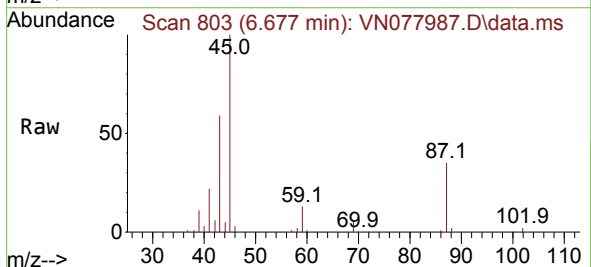
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

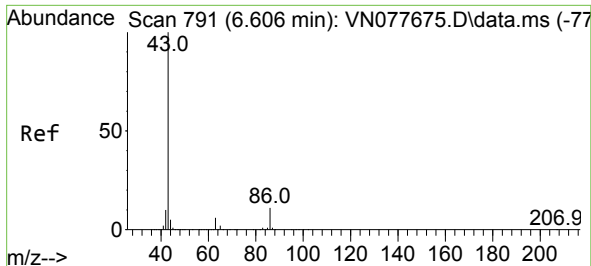
Tgt Ion: 96 Resp: 87535
Ion Ratio Lower Upper
96 100
61 128.6 90.1 135.1
98 55.5 46.4 69.6



#22
Diisopropyl ether
Concen: 19.097 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 45 Resp: 261464
Ion Ratio Lower Upper
45 100
43 57.3 45.5 68.3
87 34.9 31.8 47.8
59 13.0 11.6 17.4

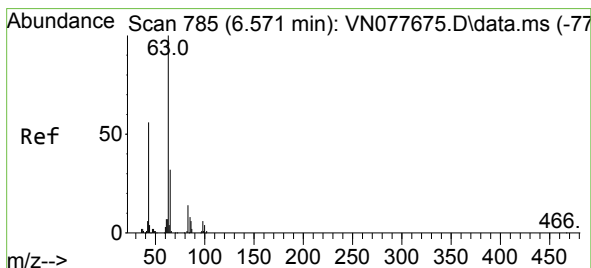
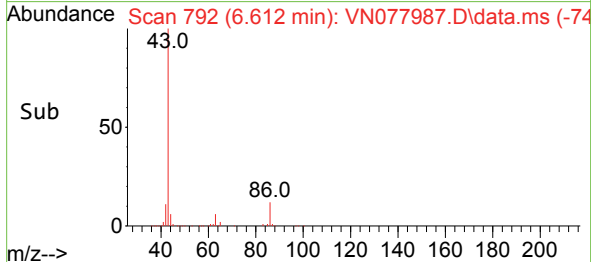
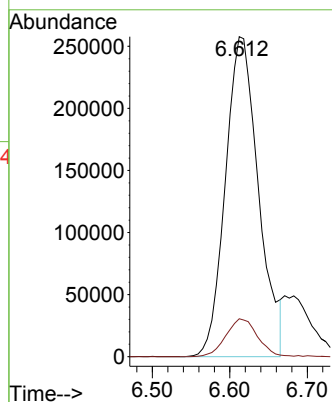
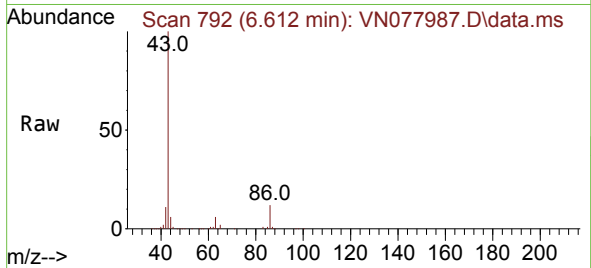




#23
 Vinyl Acetate
 Concen: 90.413 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077987.D
 Acq: 31 May 2023 12:17

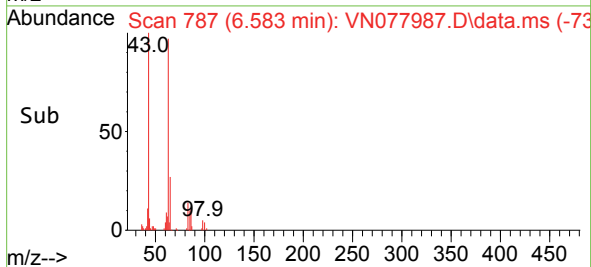
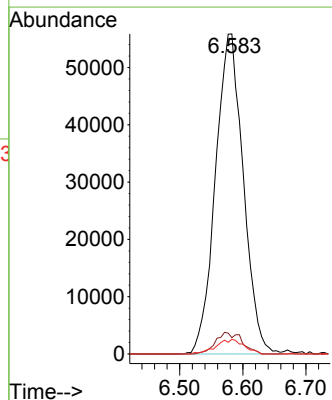
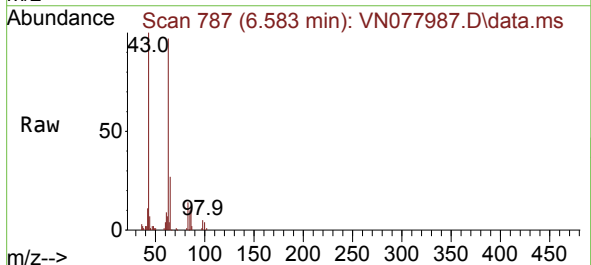
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS01

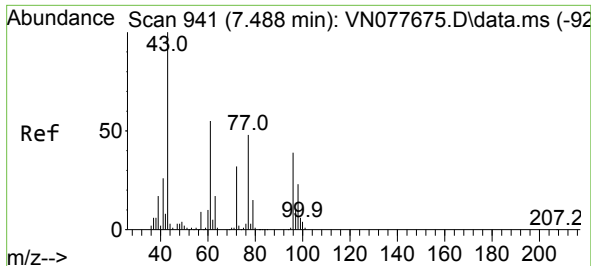
Tgt Ion: 43 Resp: 766977
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 20.402 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077987.D
 Acq: 31 May 2023 12:17

Tgt Ion: 63 Resp: 171135
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.9 11.7
 100 4.6 2.5 7.4

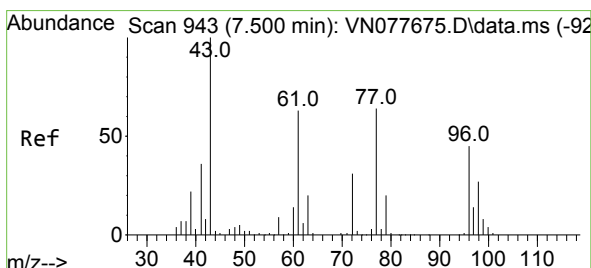
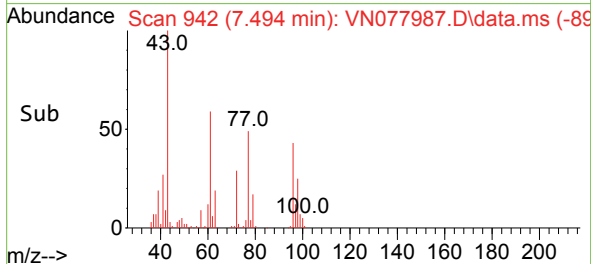
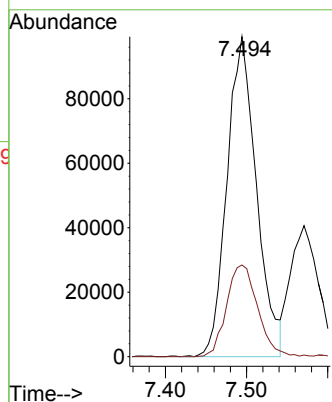
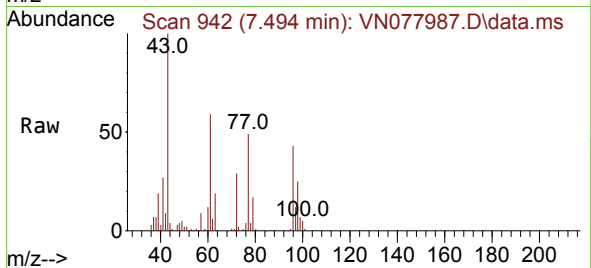




#25
2-Butanone
Concen: 90.075 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

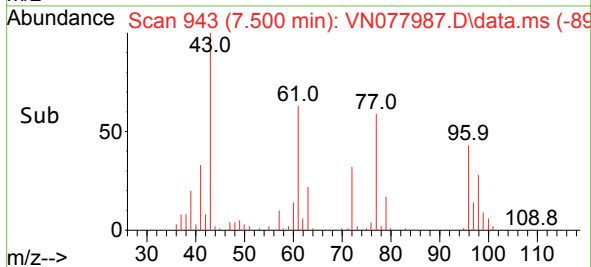
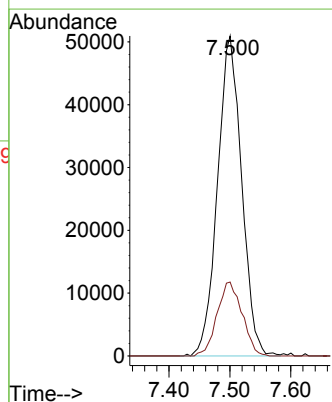
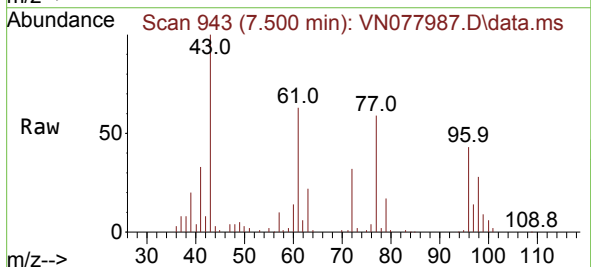
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

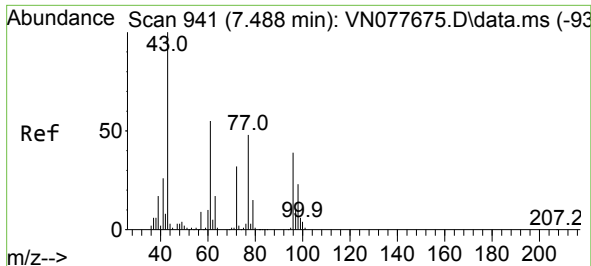
Tgt Ion: 43 Resp: 250760
Ion Ratio Lower Upper
43 100
72 28.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.670 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 77 Resp: 140176
Ion Ratio Lower Upper
77 100
97 24.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.064 ug/l

RT: 7.494 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

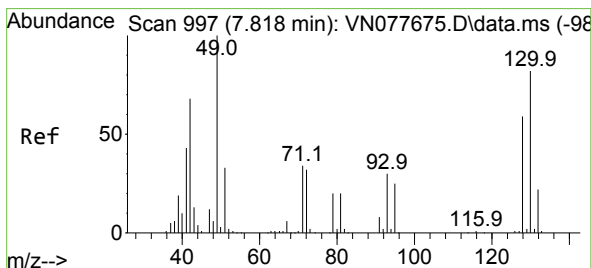
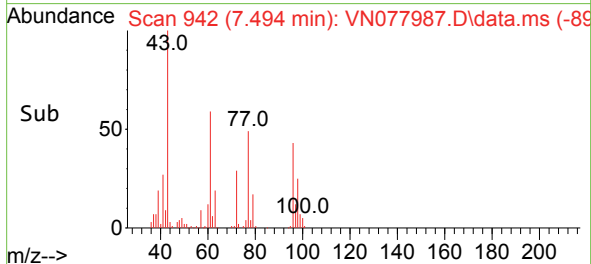
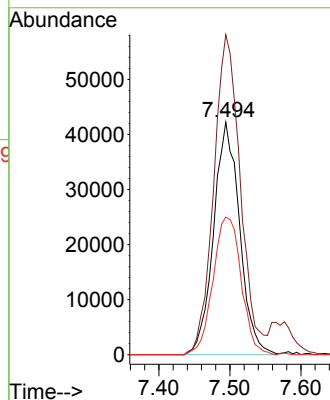
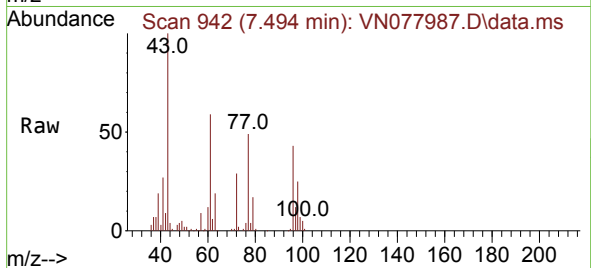
Tgt Ion: 96 Resp: 107451

Ion Ratio Lower Upper

96 100

61 141.6 0.0 255.2

98 64.0 0.0 128.8



#28

Bromochloromethane

Concen: 19.259 ug/l

RT: 7.818 min Scan# 997

Delta R.T. -0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

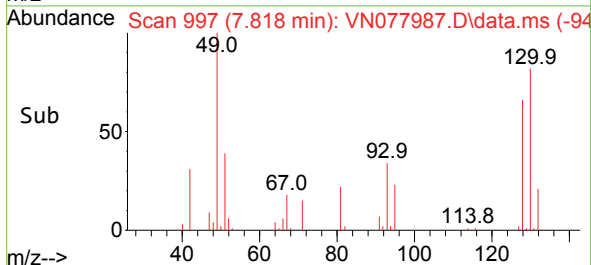
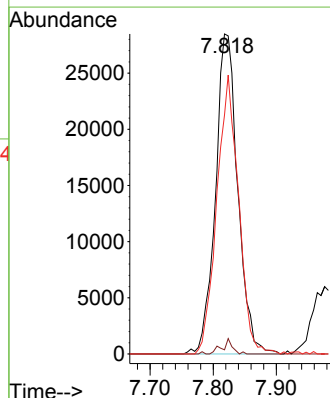
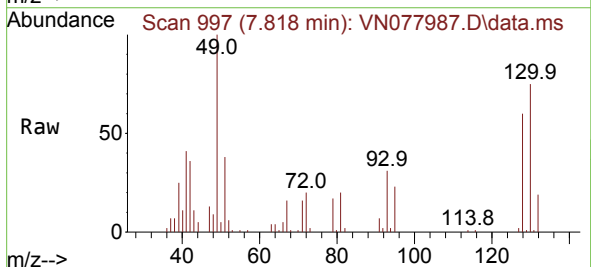
Tgt Ion: 49 Resp: 69864

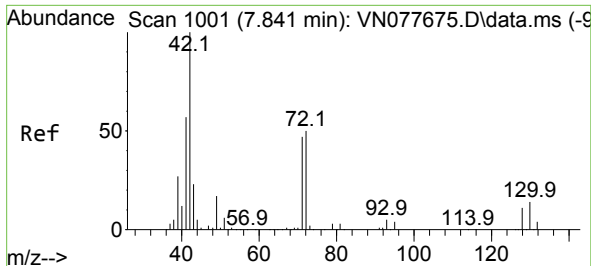
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 85.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 86.153 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

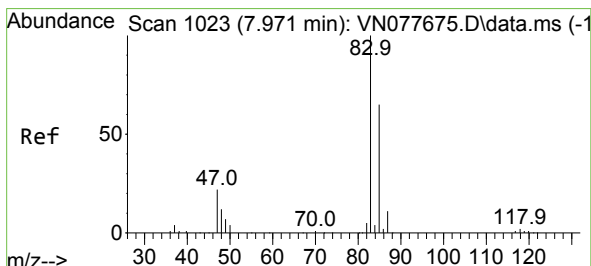
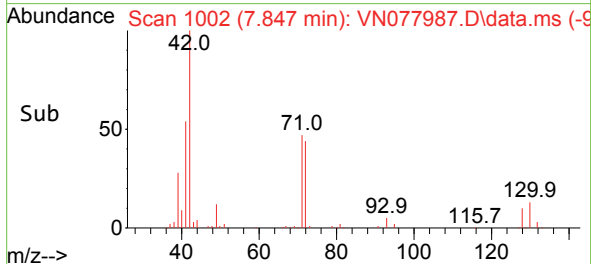
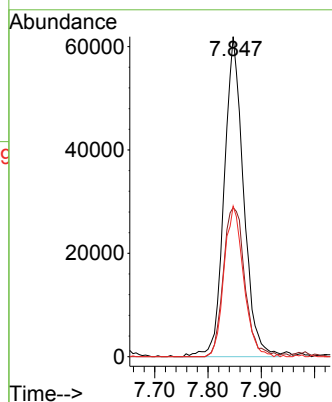
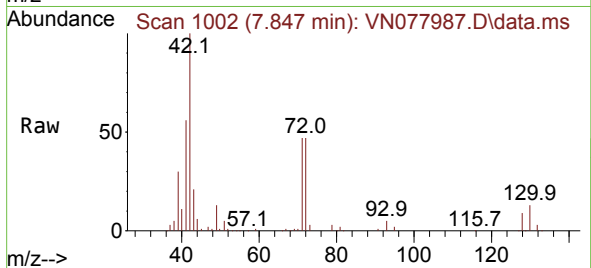
Tgt Ion: 42 Resp: 157047

Ion Ratio Lower Upper

42 100

72 51.6 49.8 74.6

71 47.4 47.4 71.2#



#30

Chloroform

Concen: 20.050 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077987.D

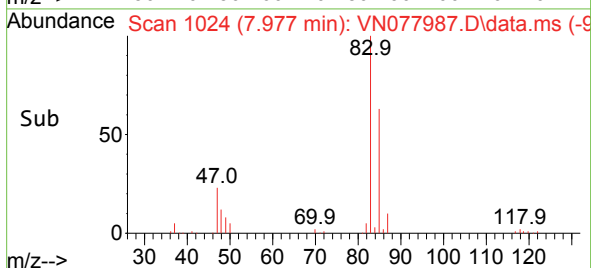
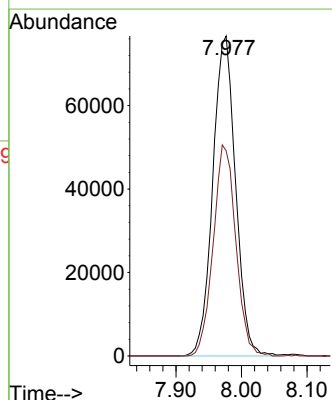
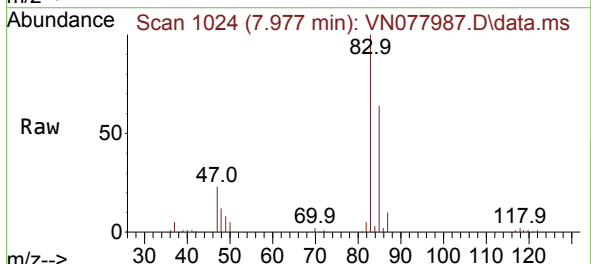
Acq: 31 May 2023 12:17

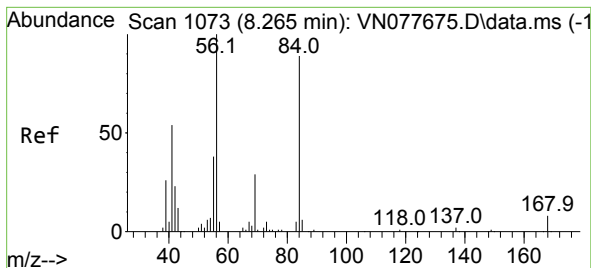
Tgt Ion: 83 Resp: 185007

Ion Ratio Lower Upper

83 100

85 64.2 55.4 83.0





#31

Cyclohexane

Concen: 18.317 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

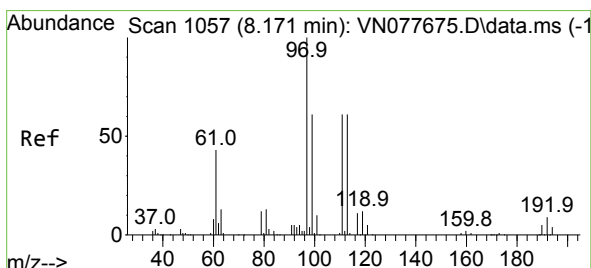
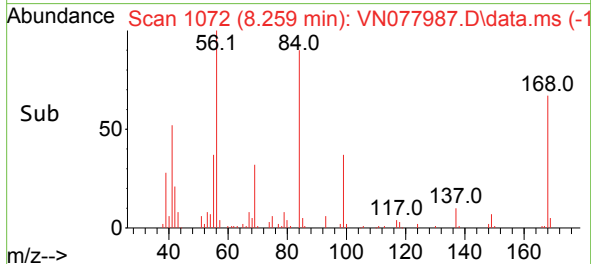
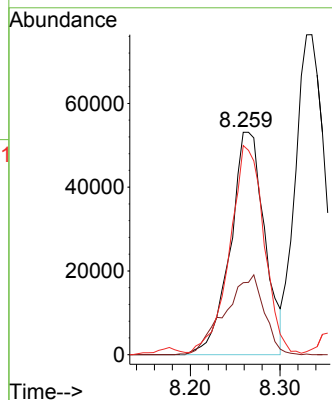
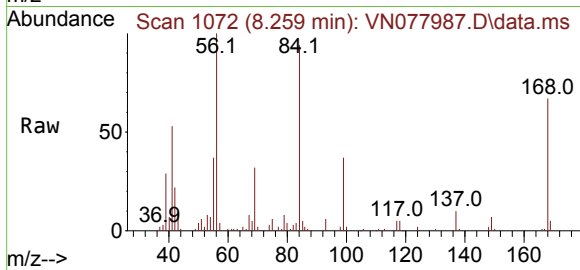
Tgt Ion: 56 Resp: 140821

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

84 92.5 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 20.660 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

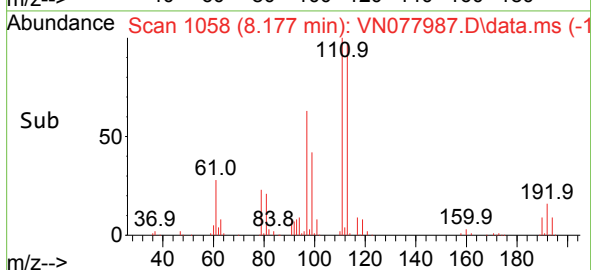
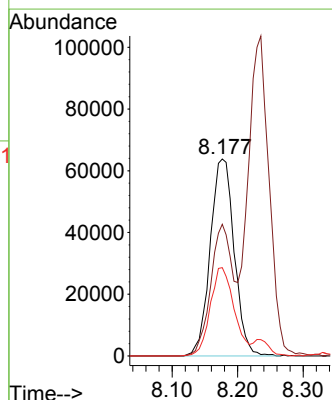
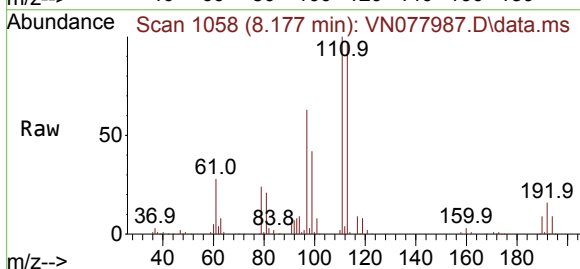
Tgt Ion: 97 Resp: 162079

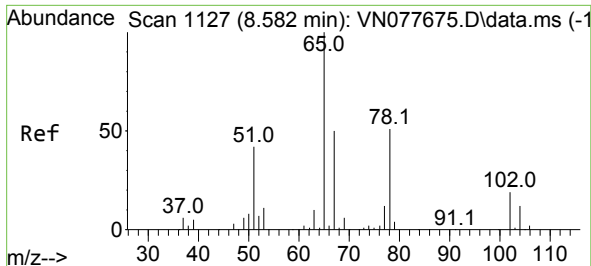
Ion Ratio Lower Upper

97 100

99 62.9 50.3 75.5

61 44.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.020 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

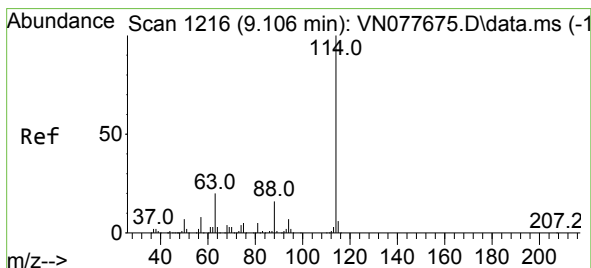
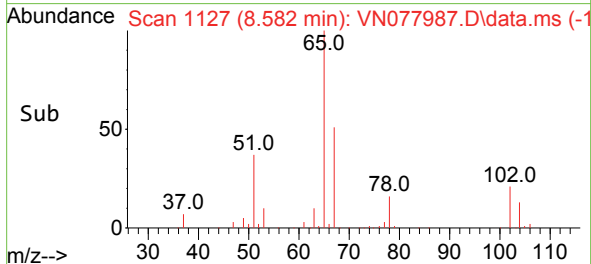
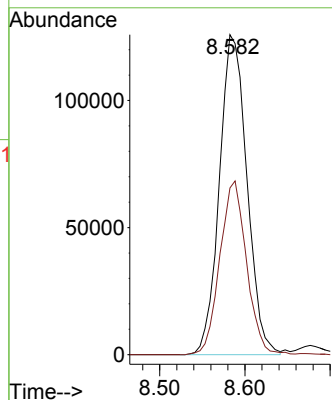
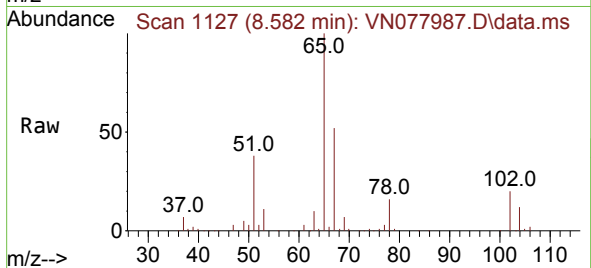
VN0531WBS01

Tgt Ion: 65 Resp: 282942

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

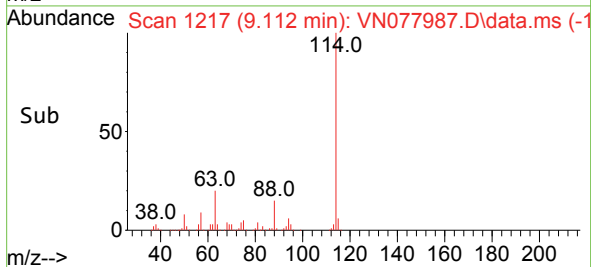
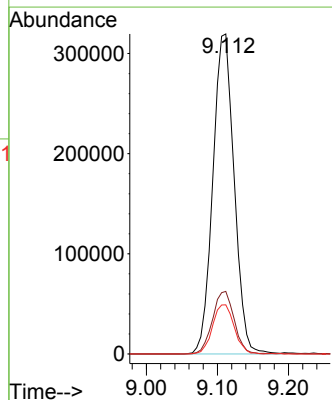
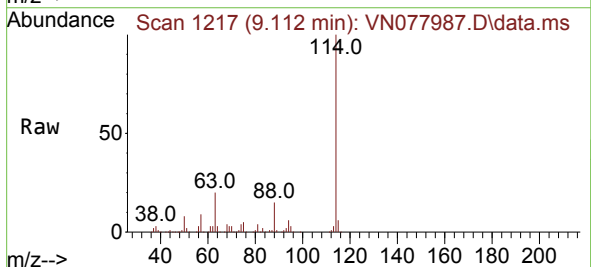
Tgt Ion: 114 Resp: 665008

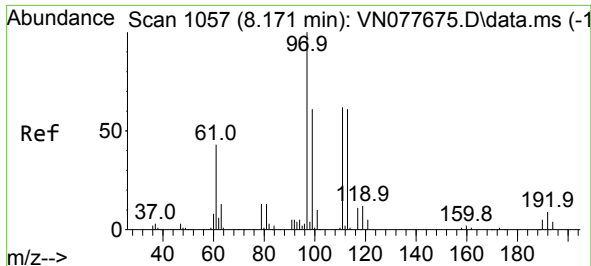
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.3 0.0 30.6

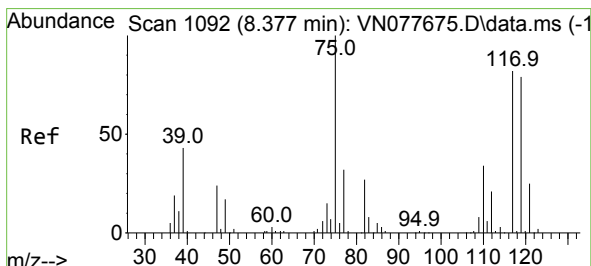
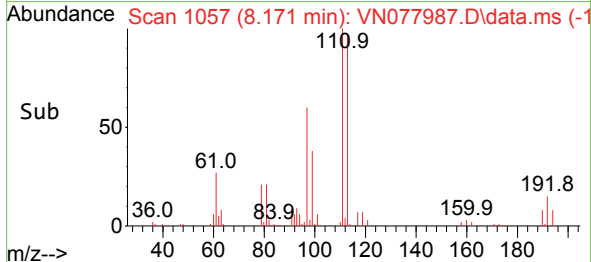
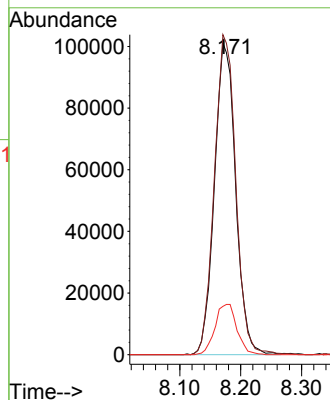
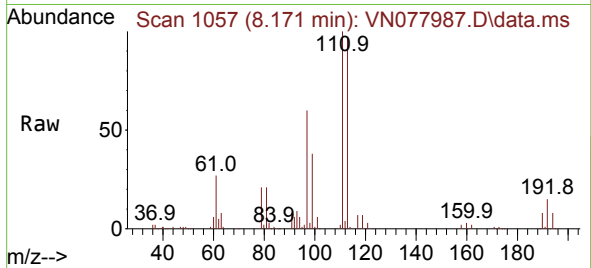




#35
Dibromofluoromethane
Concen: 56.474 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

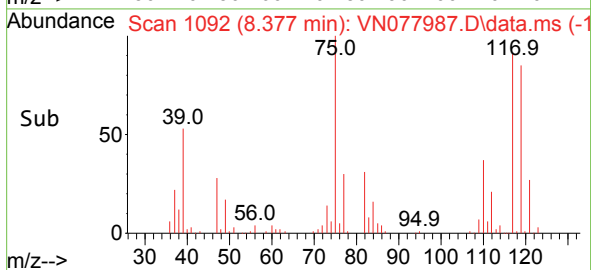
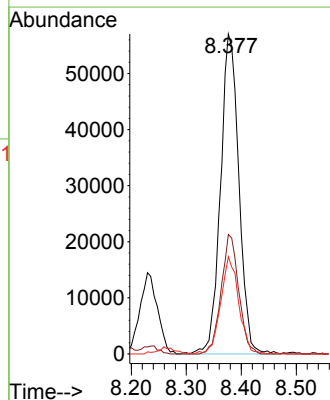
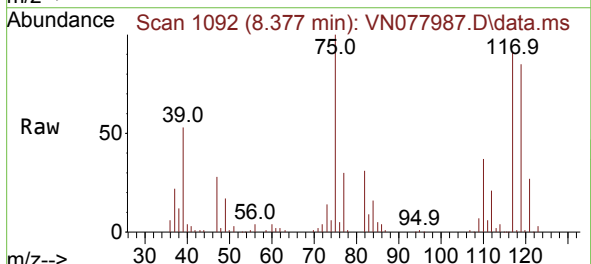
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

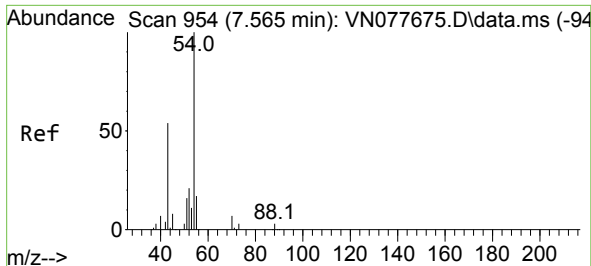
Tgt Ion:113 Resp: 244896
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.6 12.7 19.1



#36
1,1-Dichloropropene
Concen: 20.905 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 75 Resp: 132597
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 29.9 25.0 37.4

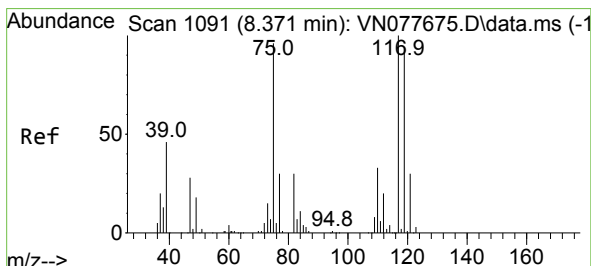
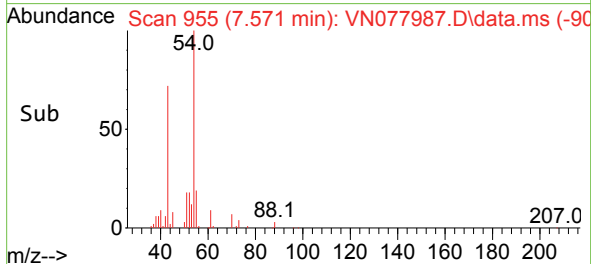
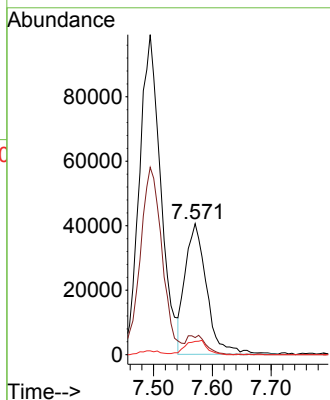
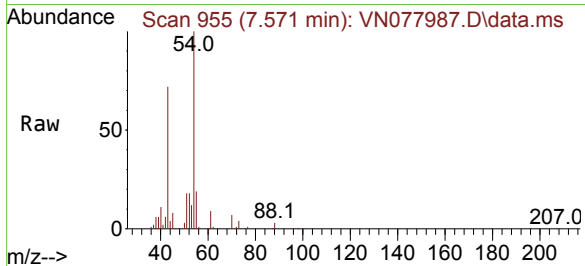




#37
Ethyl Acetate
Concen: 18.202 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

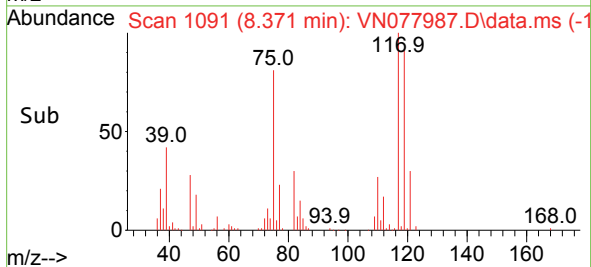
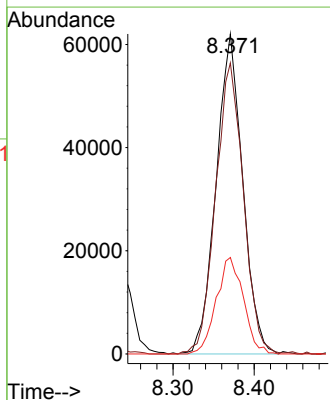
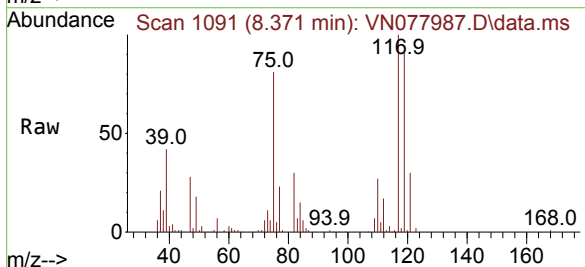
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

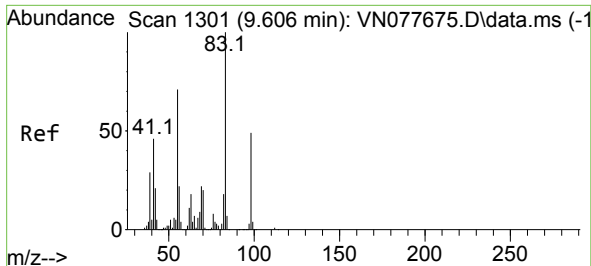
Tgt Ion: 43 Resp: 102899
Ion Ratio Lower Upper
43 100
61 12.7 13.2 19.8#
70 10.9 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 22.040 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 117 Resp: 141164
Ion Ratio Lower Upper
117 100
119 91.0 77.3 115.9
121 30.1 23.3 34.9





#39

Methylcyclohexane

Concen: 18.943 ug/l

RT: 9.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

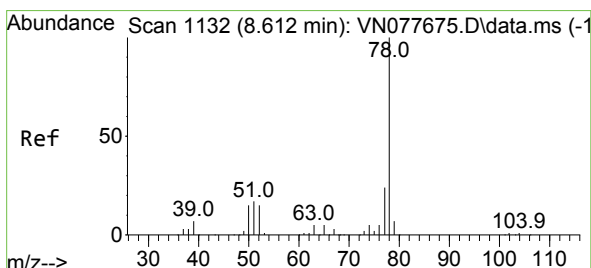
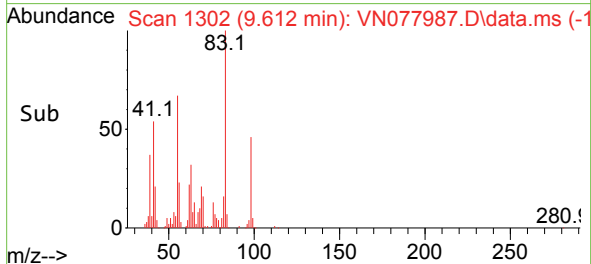
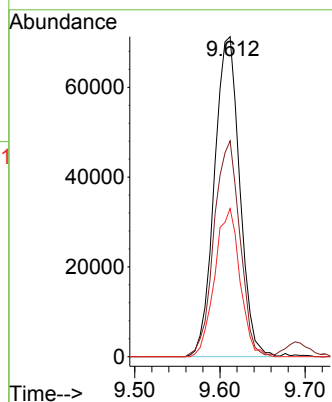
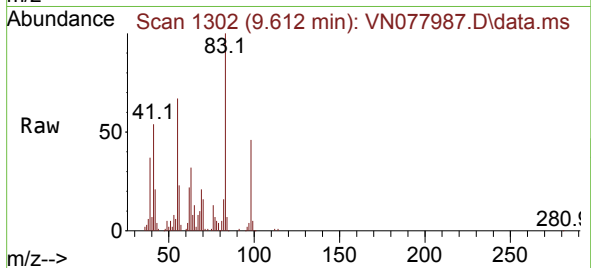
Tgt Ion: 83 Resp: 147093

Ion Ratio Lower Upper

83 100

55 67.4 49.1 73.7

98 46.3 40.6 61.0



#40

Benzene

Concen: 21.524 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077987.D

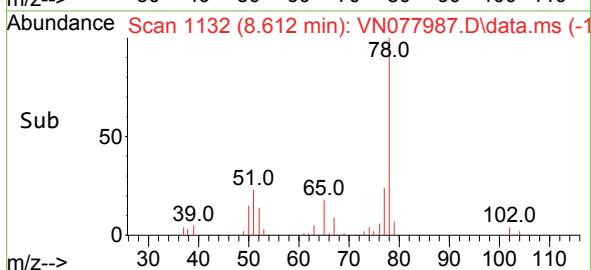
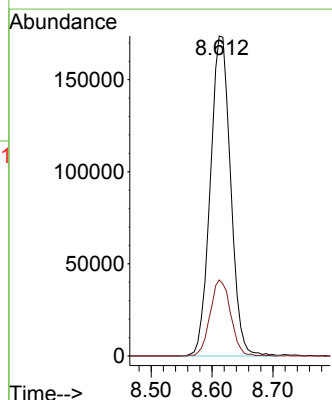
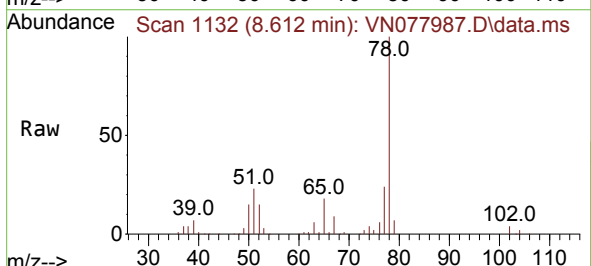
Acq: 31 May 2023 12:17

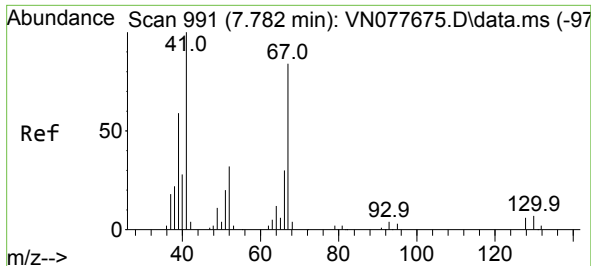
Tgt Ion: 78 Resp: 402867

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

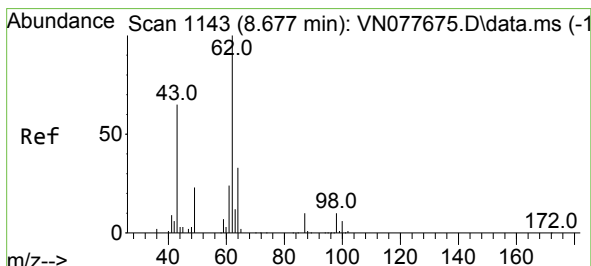
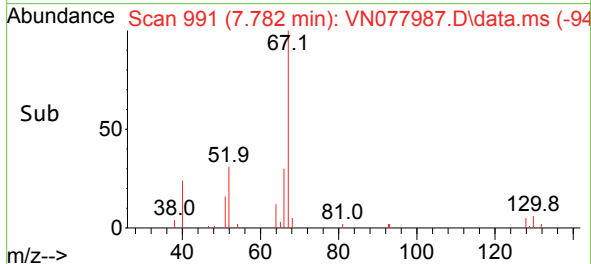
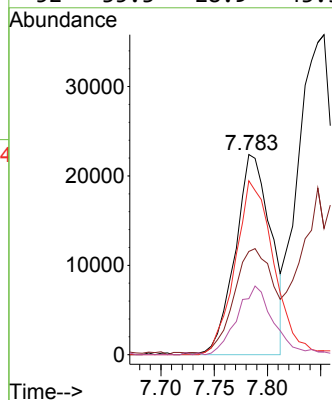
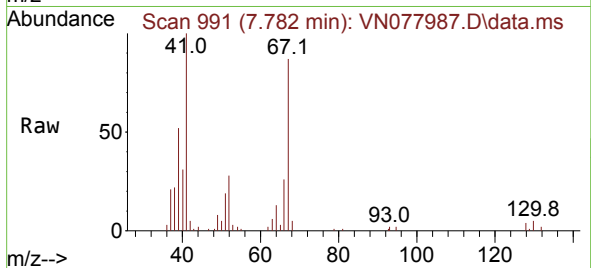




#41
Methacrylonitrile
Concen: 17.321 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

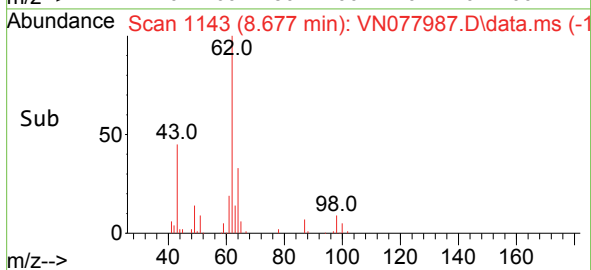
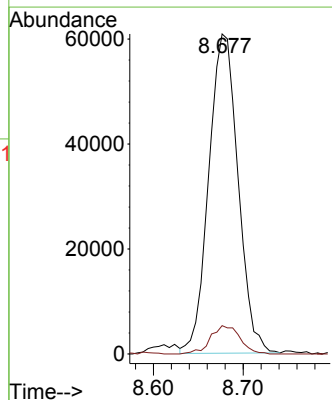
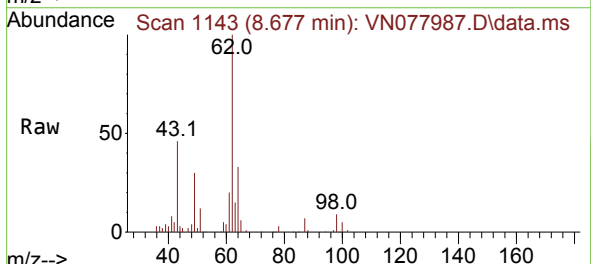
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

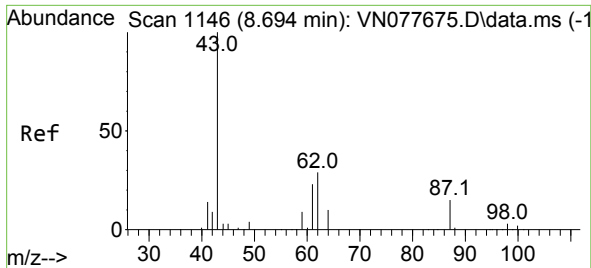
Tgt Ion:	41	Resp:	52149
Ion	Ratio	Lower	Upper
41	100		
39	57.4	42.6	64.0
67	95.1	77.5	116.3
52	35.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 20.301 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion:	62	Resp:	138028
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	19.8

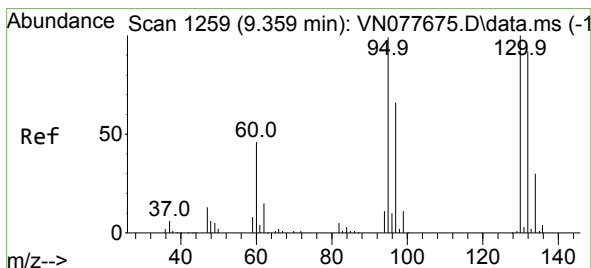
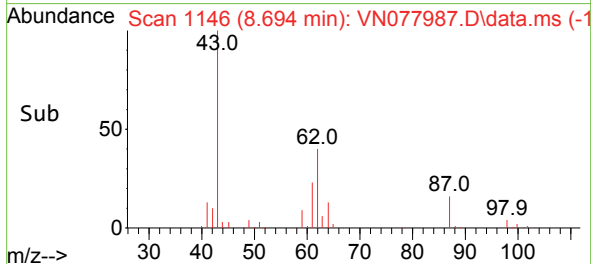
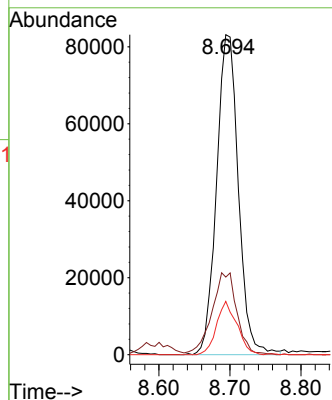
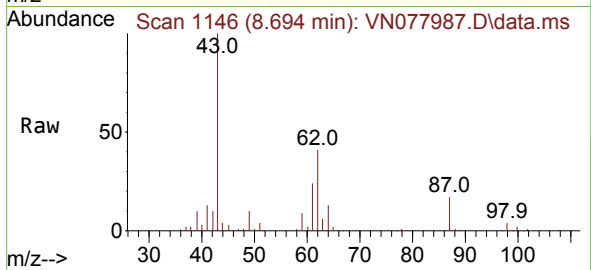




#43
Isopropyl Acetate
Concen: 19.154 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

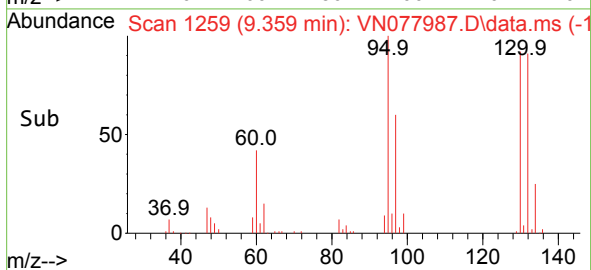
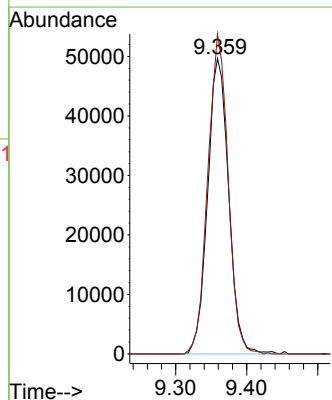
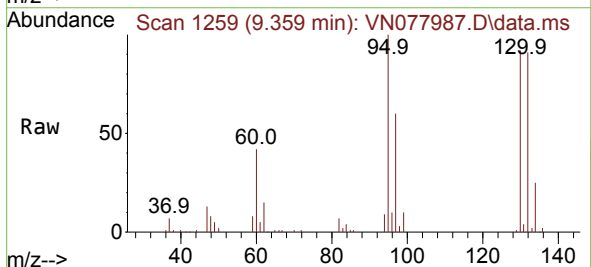
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

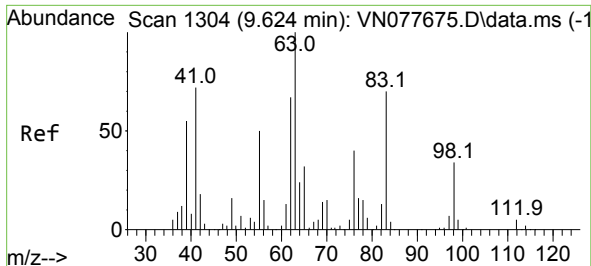
Tgt Ion: 43 Resp: 176871
Ion Ratio Lower Upper
43 100
61 29.5 24.7 37.1
87 15.6 14.6 21.8



#44
Trichloroethene
Concen: 21.596 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion:130 Resp: 102350
Ion Ratio Lower Upper
130 100
95 108.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.306 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

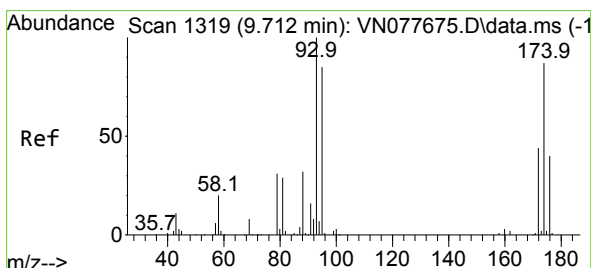
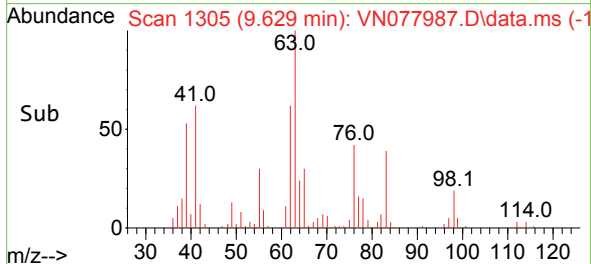
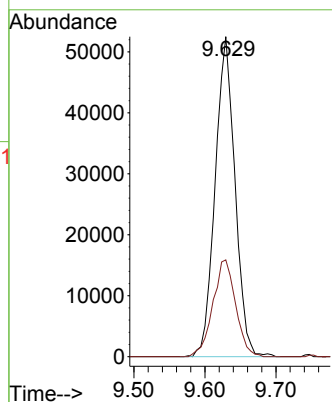
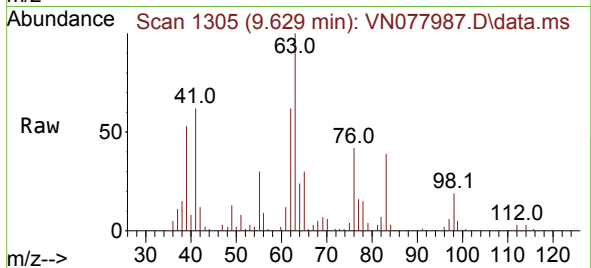
VN0531WBS01

Tgt Ion: 63 Resp: 101719

Ion Ratio Lower Upper

63 100

65 30.3 23.9 35.9



#46

Dibromomethane

Concen: 21.248 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

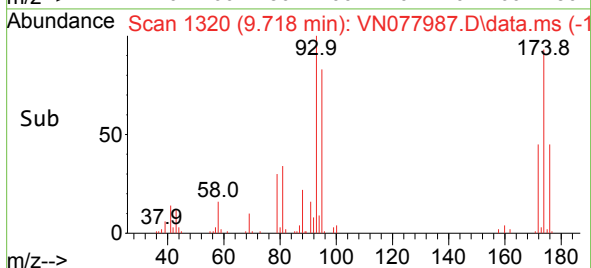
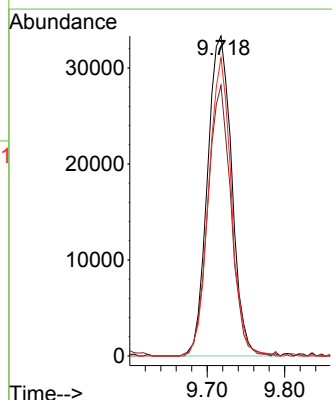
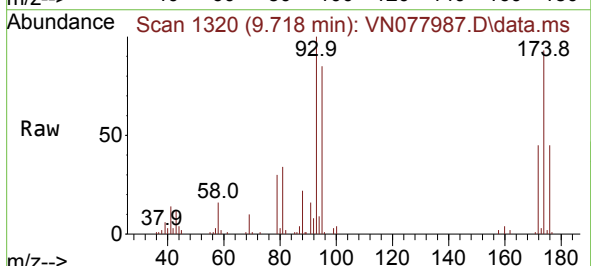
Tgt Ion: 93 Resp: 72588

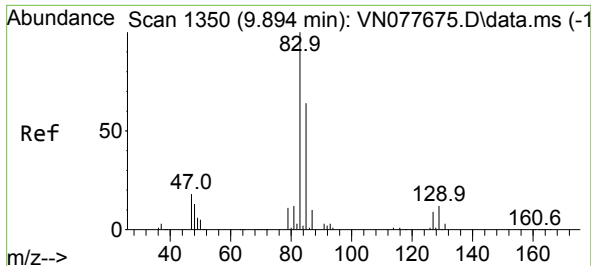
Ion Ratio Lower Upper

93 100

95 80.5 63.8 95.8

174 86.9 65.6 98.4

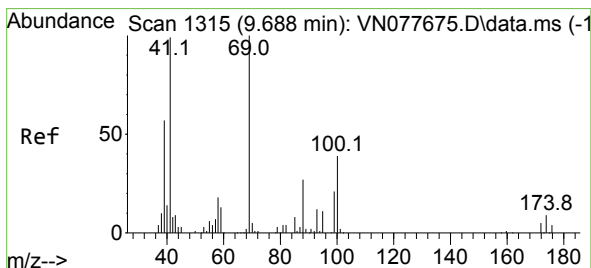
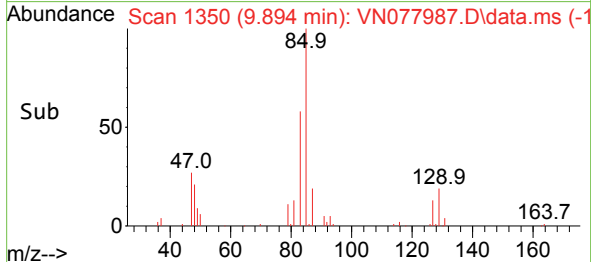
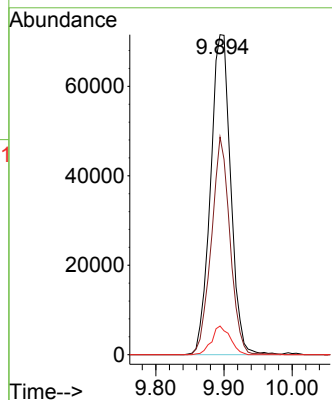
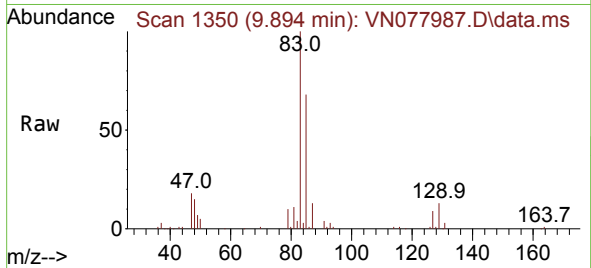




#47
Bromodichloromethane
Concen: 22.529 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

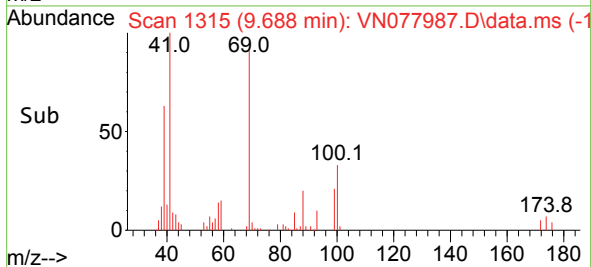
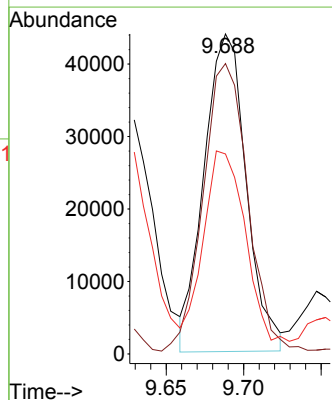
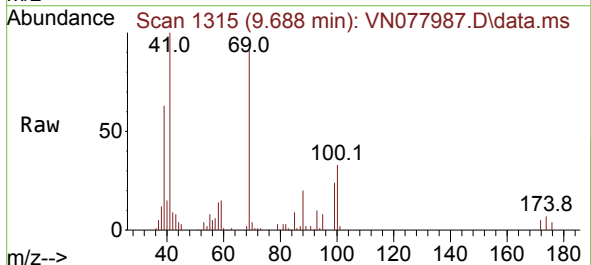
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

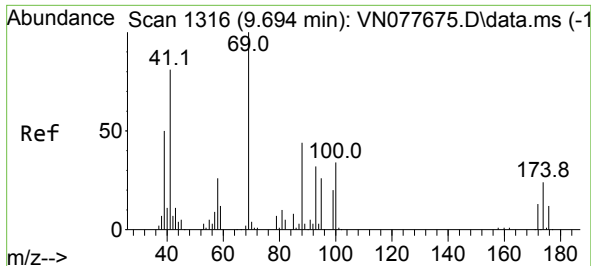
Tgt Ion: 83 Resp: 147353
Ion Ratio Lower Upper
83 100
85 68.0 49.6 74.4
127 8.9 7.0 10.6



#48
Methyl methacrylate
Concen: 18.925 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 41 Resp: 82856
Ion Ratio Lower Upper
41 100
69 96.2 90.4 135.6
39 66.9 54.6 81.8





#49

1,4-Dioxane

Concen: 378.183 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

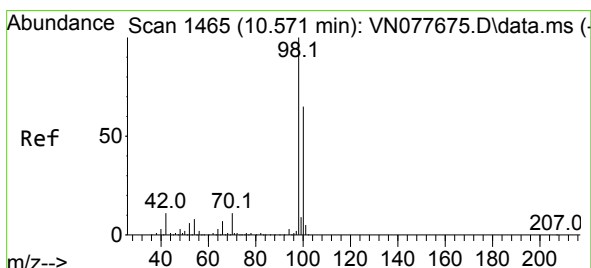
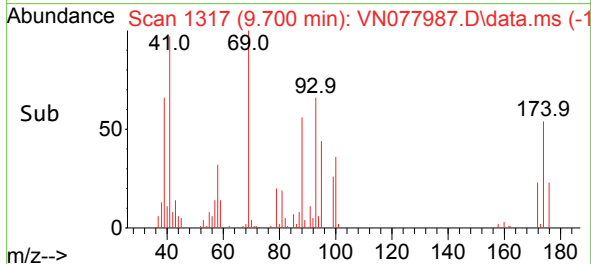
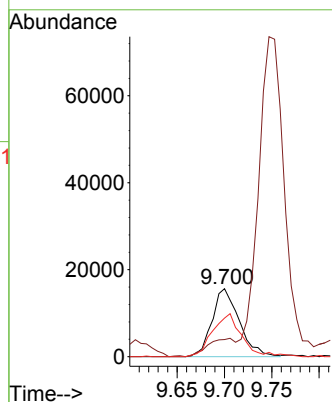
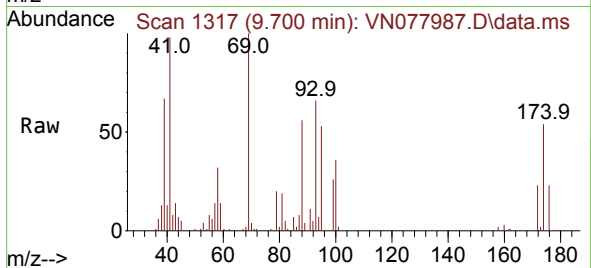
Tgt Ion: 88 Resp: 31272

Ion Ratio Lower Upper

88 100

43 27.3 17.0 25.6#

58 68.4 47.0 70.4



#50

Toluene-d8

Concen: 53.561 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077987.D

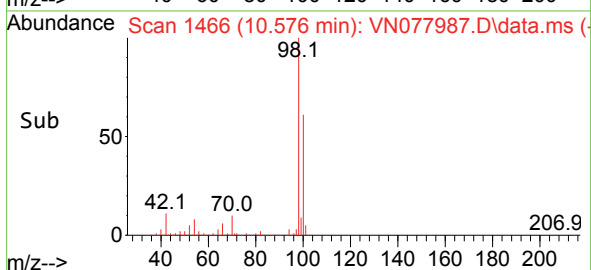
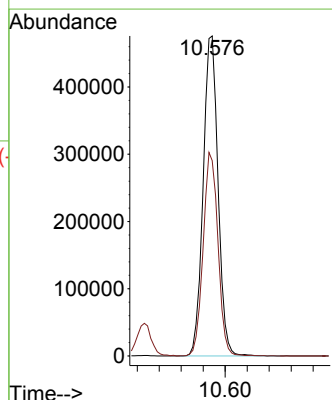
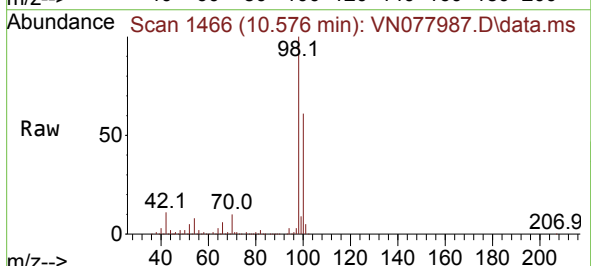
Acq: 31 May 2023 12:17

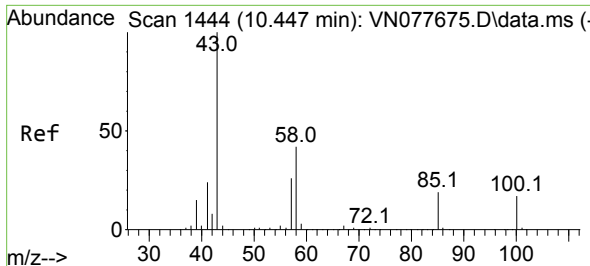
Tgt Ion: 98 Resp: 894006

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

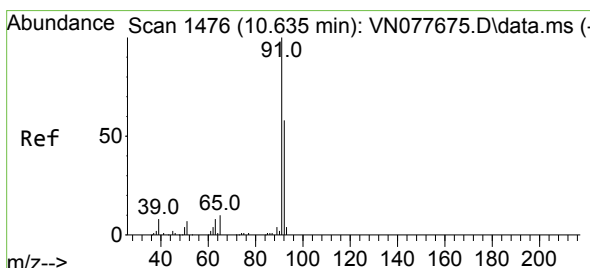
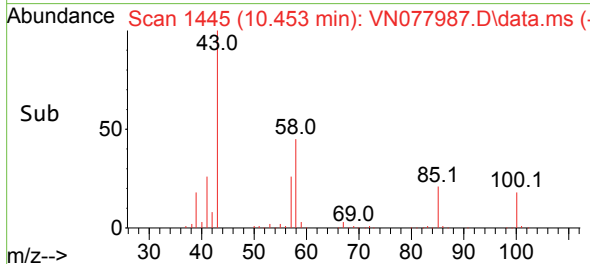
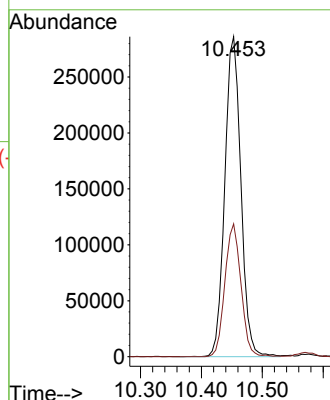
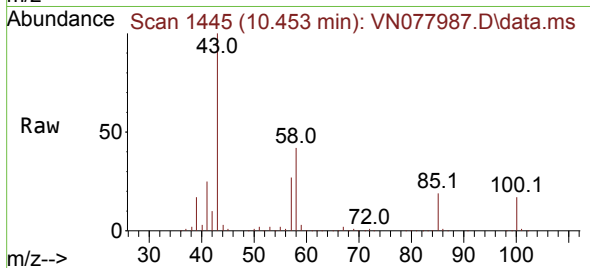




#51
4-Methyl-2-Pentanone
Concen: 95.680 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

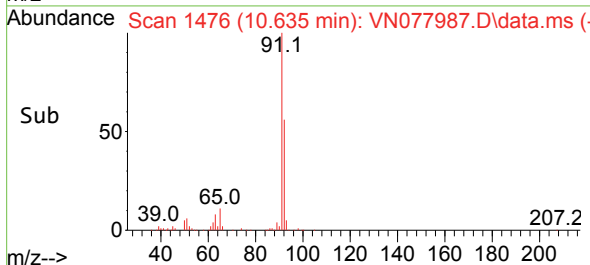
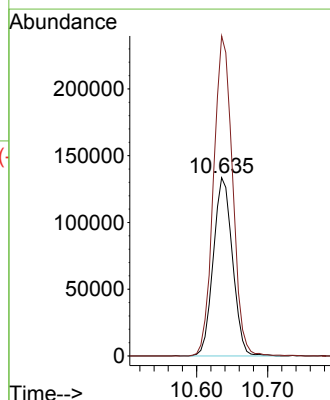
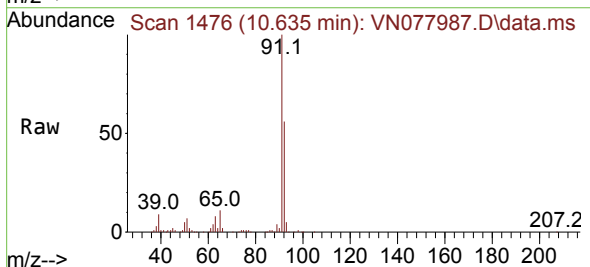
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

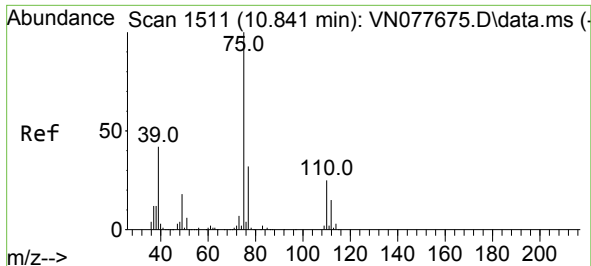
Tgt Ion: 43 Resp: 525178
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8



#52
Toluene
Concen: 21.441 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 92 Resp: 249834
Ion Ratio Lower Upper
92 100
91 178.2 137.4 206.0

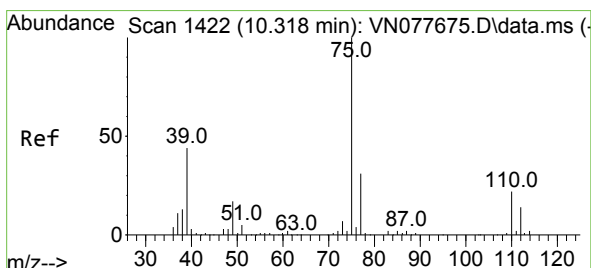
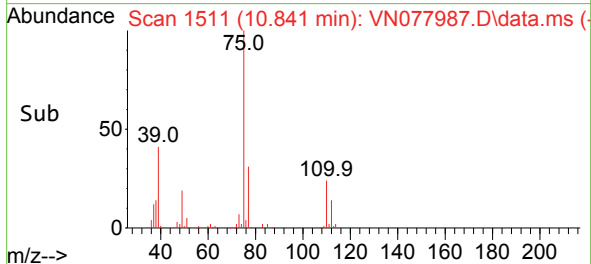
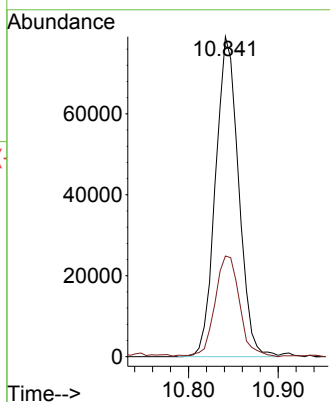
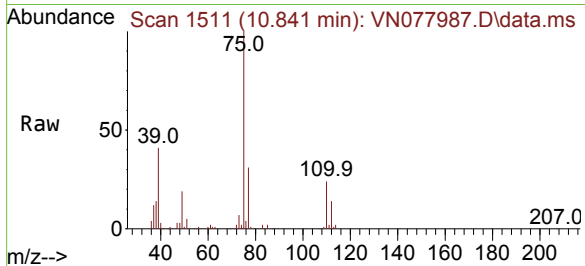




#53
t-1,3-Dichloropropene
Concen: 20.389 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

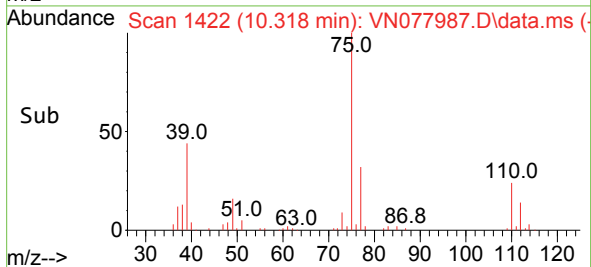
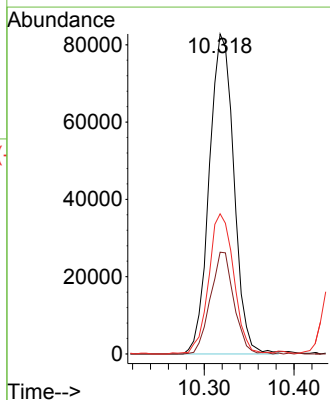
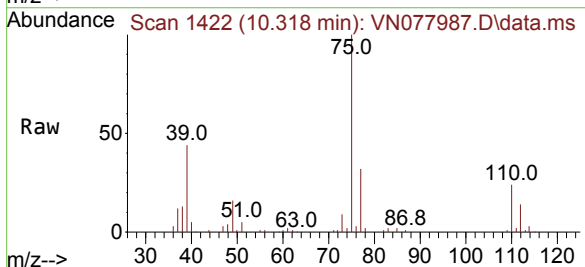
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

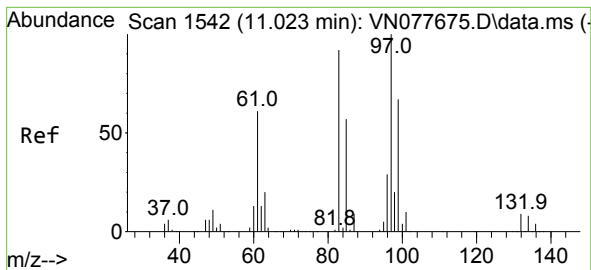
Tgt Ion: 75 Resp: 141216
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.666 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 75 Resp: 157740
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 43.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 21.238 ug/l

RT: 11.023 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

Tgt Ion: 97 Resp: 98263

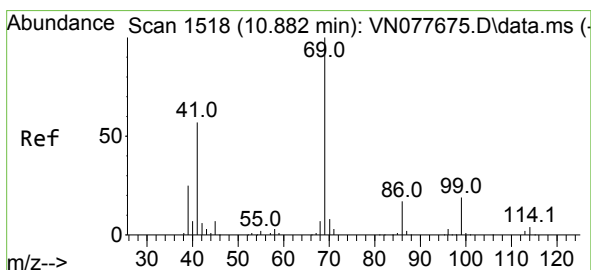
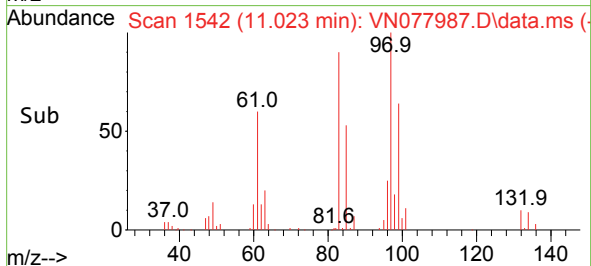
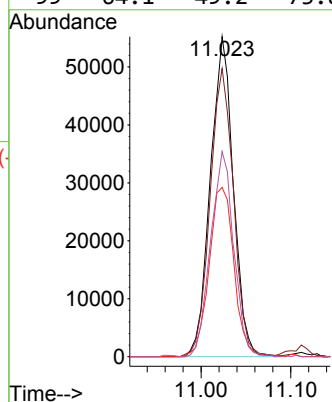
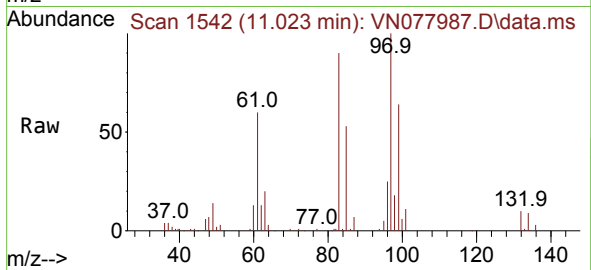
Ion Ratio Lower Upper

97 100

83 90.0 65.1 97.7

85 52.9 43.4 65.2

99 64.1 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.535 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

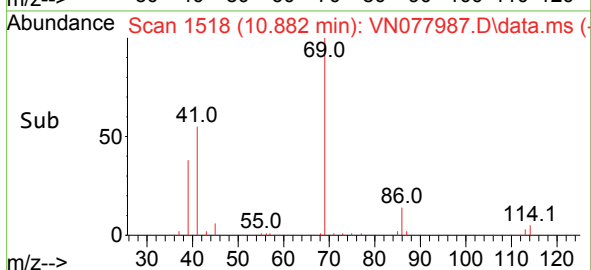
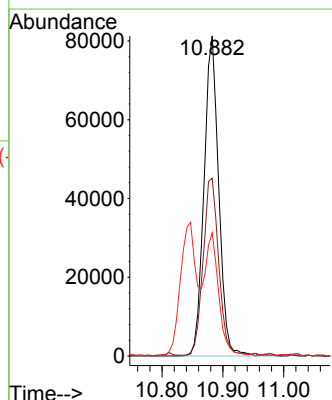
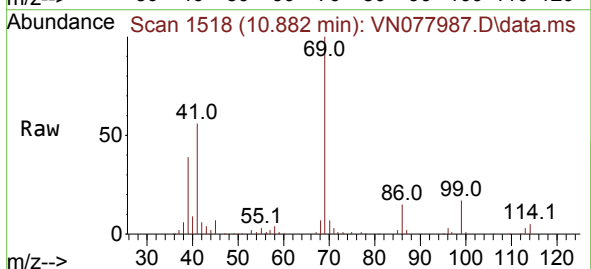
Tgt Ion: 69 Resp: 136655

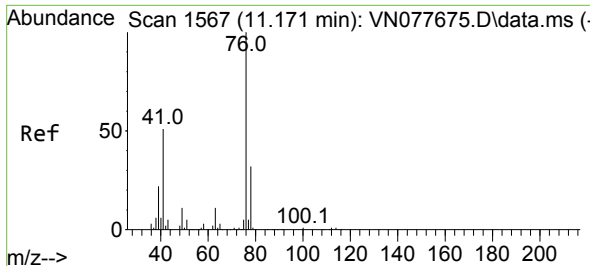
Ion Ratio Lower Upper

69 100

41 58.6 39.6 59.4

39 34.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 20.985 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

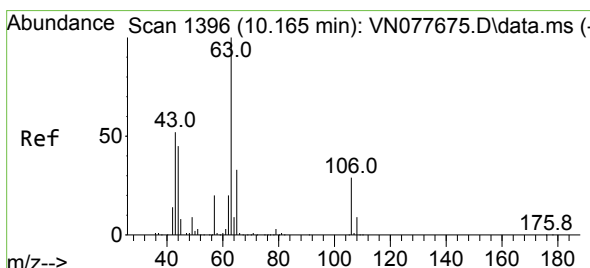
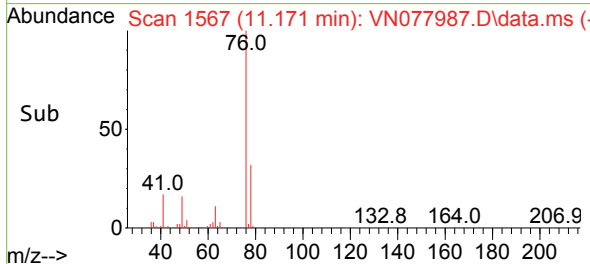
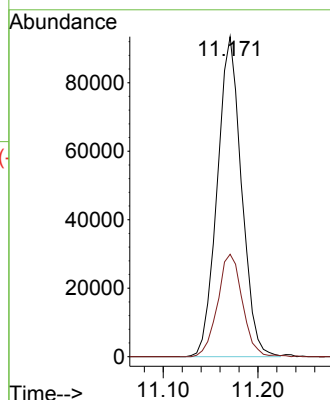
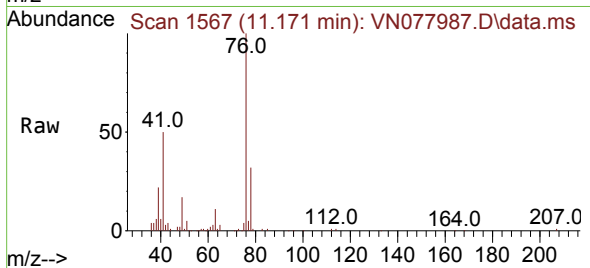
VN0531WBS01

Tgt Ion: 76 Resp: 166448

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 74.329 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077987.D

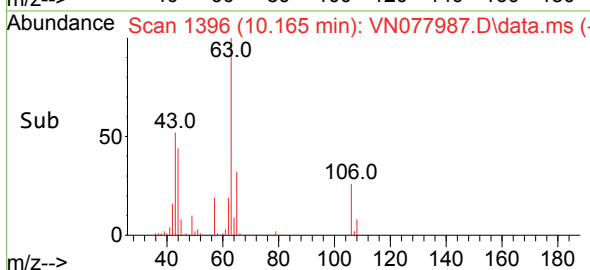
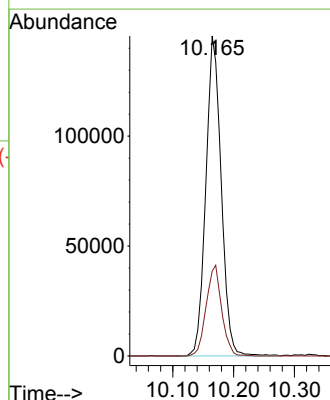
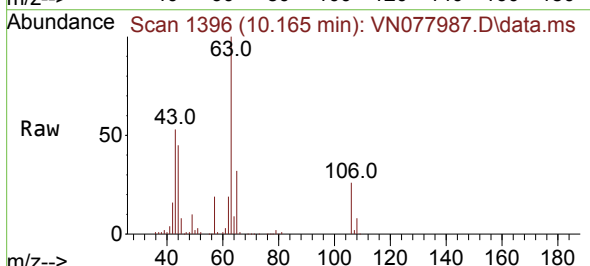
Acq: 31 May 2023 12:17

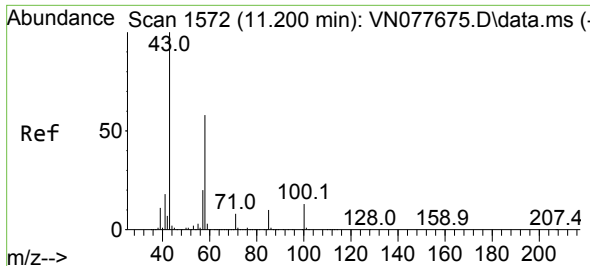
Tgt Ion: 63 Resp: 255806

Ion Ratio Lower Upper

63 100

106 28.4 26.2 39.4

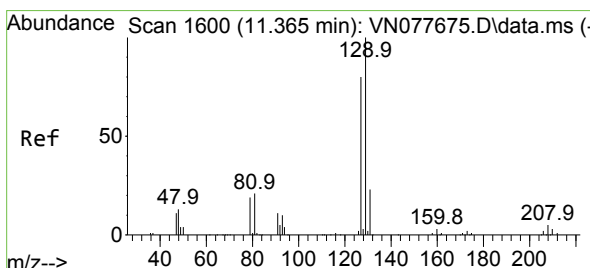
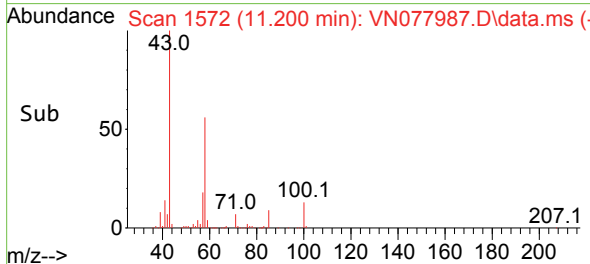
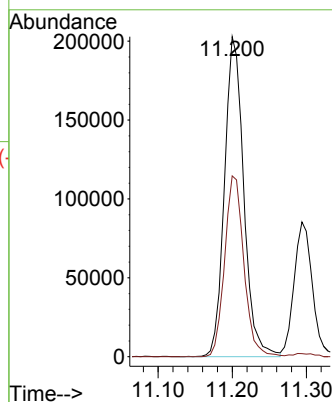
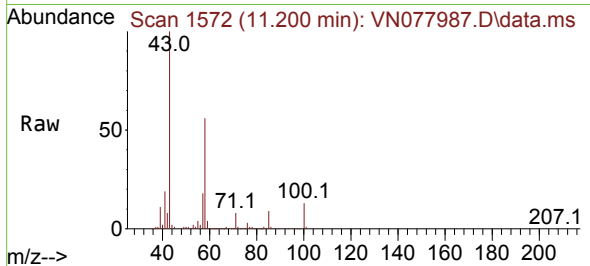




#59
2-Hexanone
Concen: 90.224 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

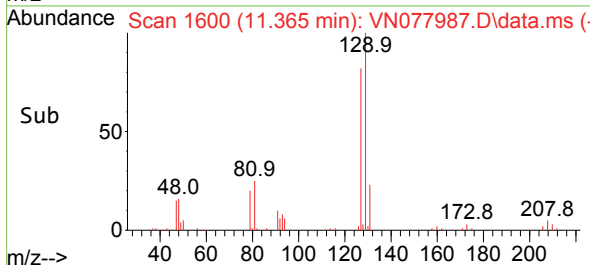
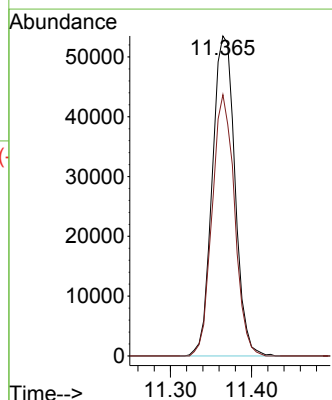
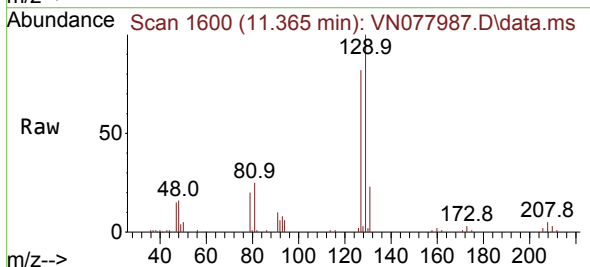
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

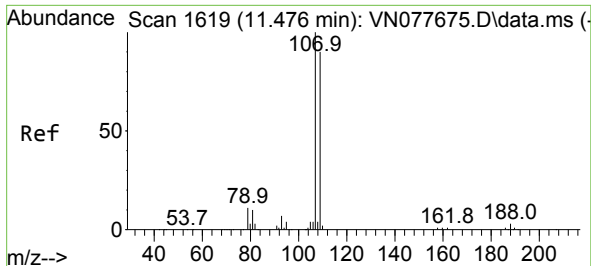
Tgt Ion: 43 Resp: 366302
Ion Ratio Lower Upper
43 100
58 56.4 31.7 95.1



#60
Dibromochloromethane
Concen: 21.718 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 129 Resp: 103732
Ion Ratio Lower Upper
129 100
127 80.5 38.6 116.0

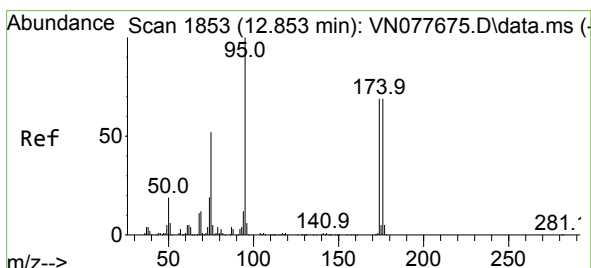
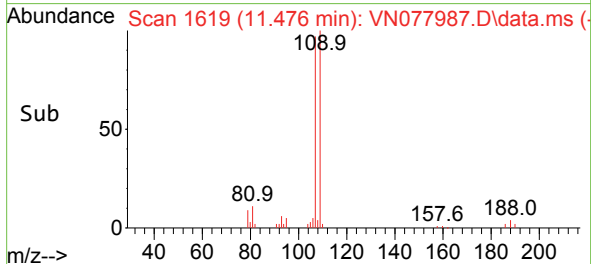
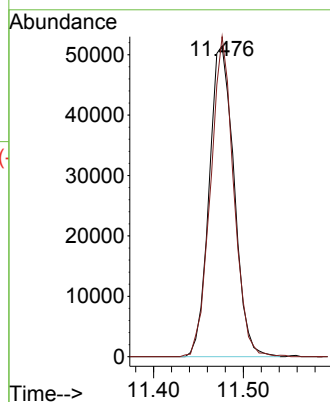
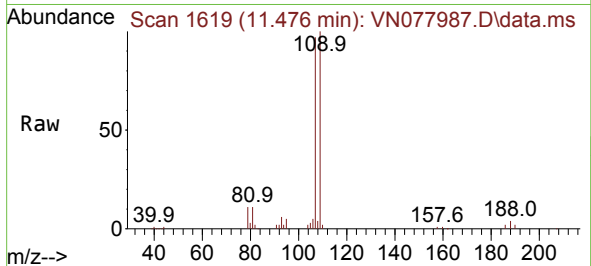




#61
1,2-Dibromoethane
Concen: 21.485 ug/l
RT: 11.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

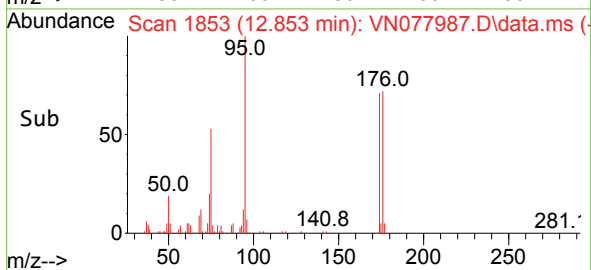
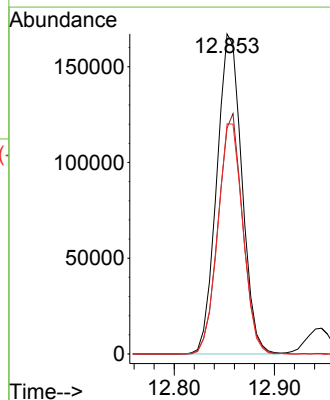
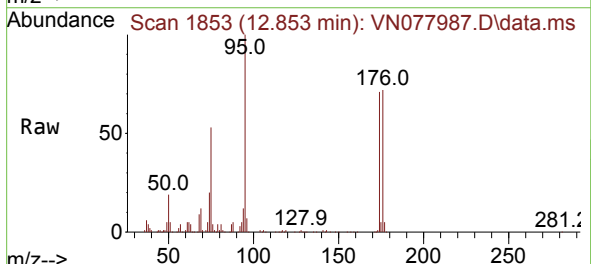
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

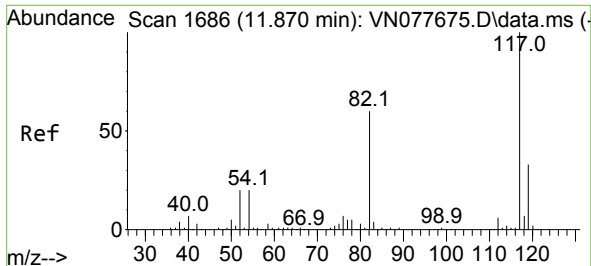
Tgt Ion:107 Resp: 99170
Ion Ratio Lower Upper
107 100
109 95.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.317 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 95 Resp: 290727
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 71.8 0.0 135.8

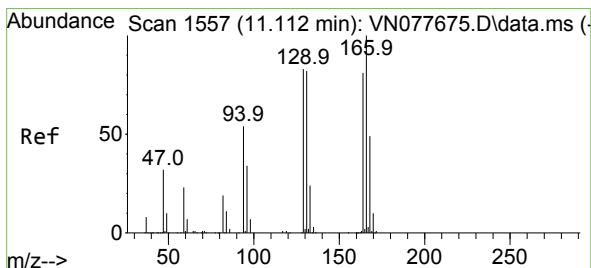
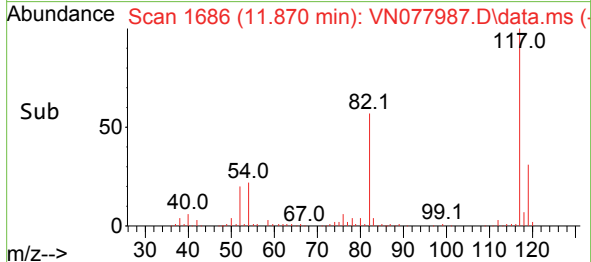
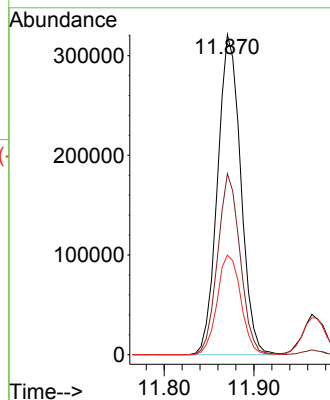
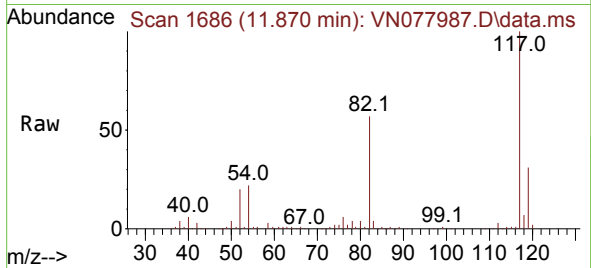




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

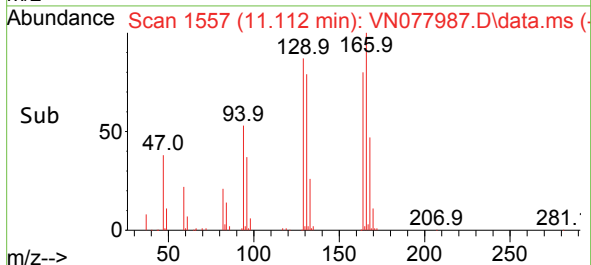
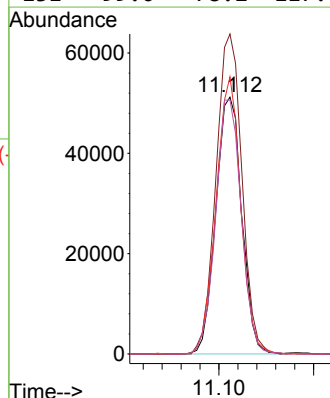
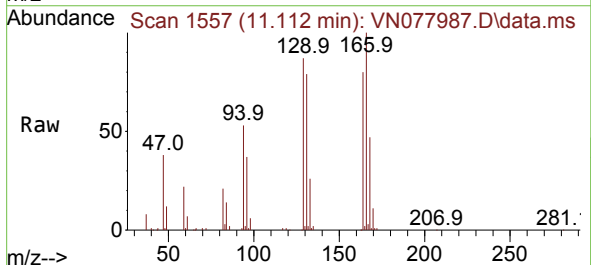
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

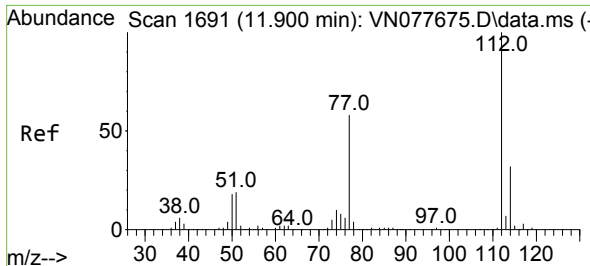
Tgt Ion:117 Resp: 575556
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.1 25.6 38.4



#64
Tetrachloroethene
Concen: 24.194 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion:164 Resp: 97379
Ion Ratio Lower Upper
164 100
166 124.6 101.4 152.0
129 107.9 82.4 123.6
131 99.0 78.2 117.4

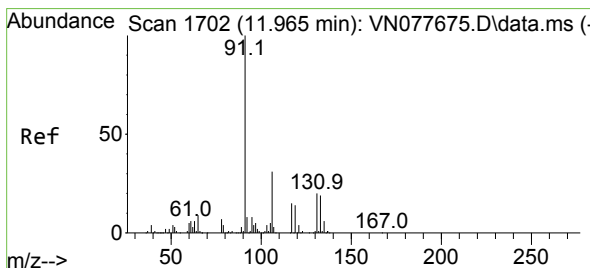
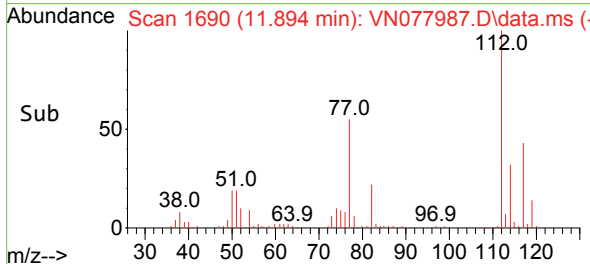
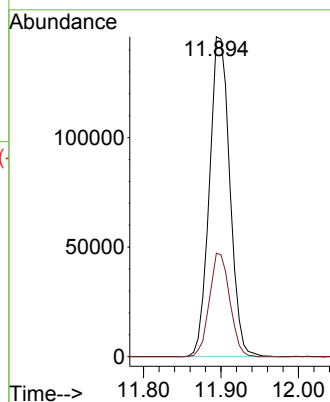
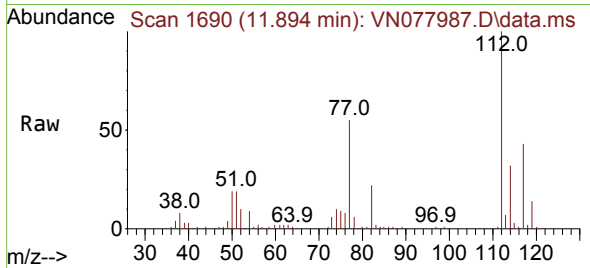




#65
Chlorobenzene
Concen: 21.436 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

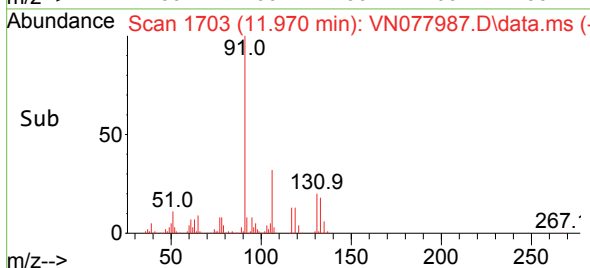
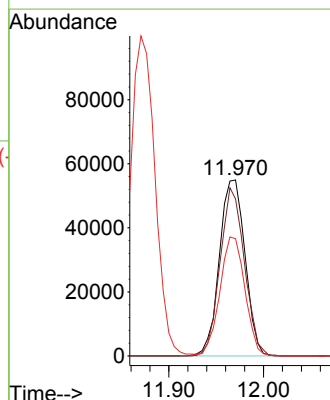
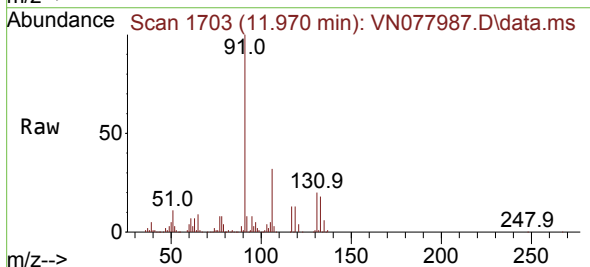
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

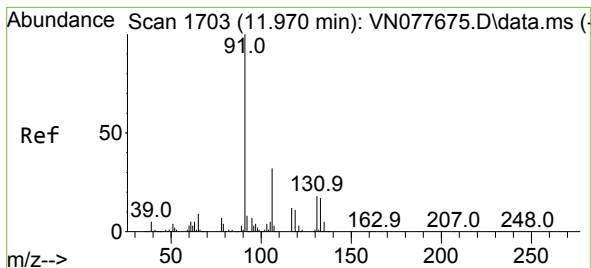
Tgt Ion:112 Resp: 267465
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 23.928 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion:131 Resp: 103306
Ion Ratio Lower Upper
131 100
133 90.8 46.4 139.1
119 65.9 34.1 102.2





#67

Ethyl Benzene

Concen: 21.339 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

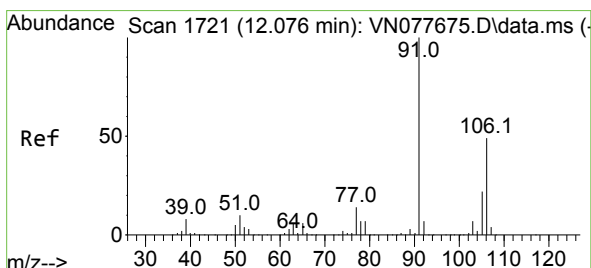
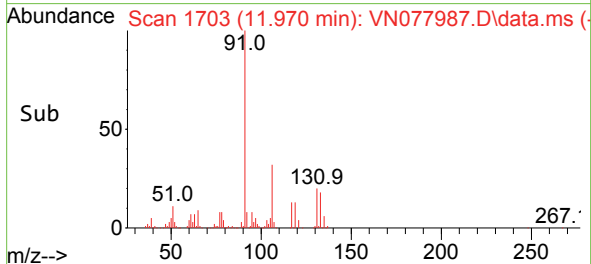
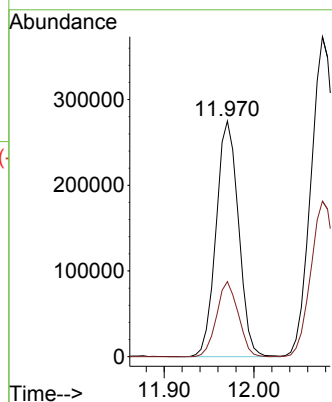
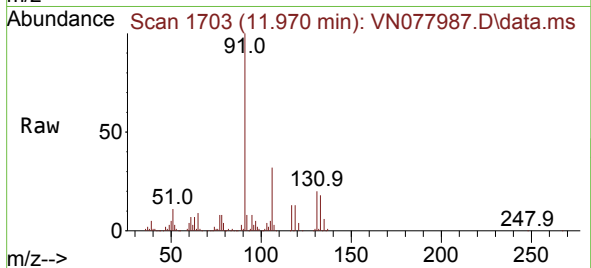
VN0531WBS01

Tgt Ion: 91 Resp: 477144

Ion Ratio Lower Upper

91 100

106 31.9 25.6 38.4



#68

m/p-Xylenes

Concen: 42.423 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN077987.D

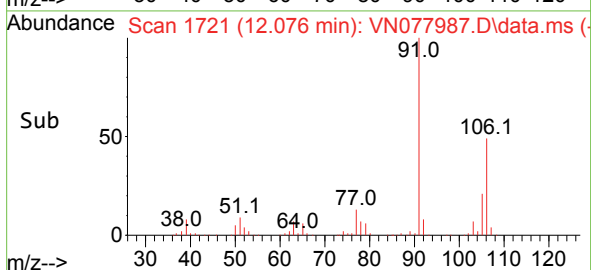
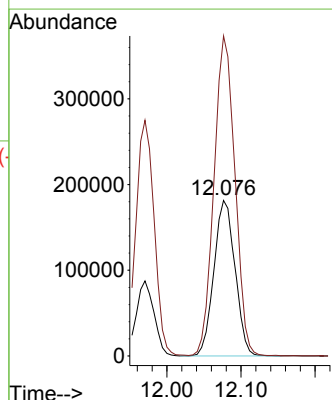
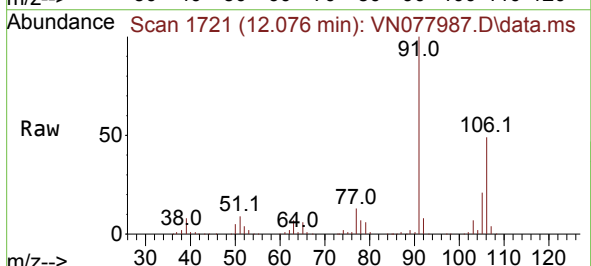
Acq: 31 May 2023 12:17

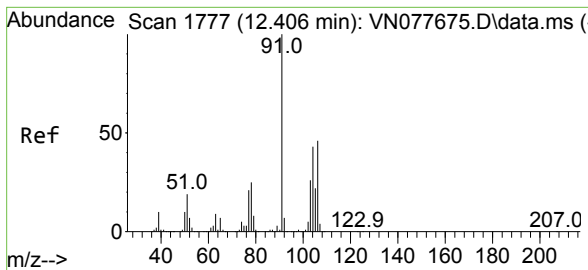
Tgt Ion:106 Resp: 359425

Ion Ratio Lower Upper

106 100

91 203.8 159.6 239.4

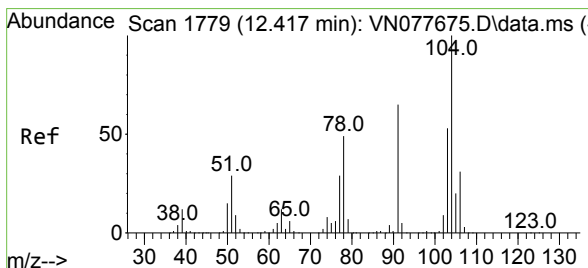
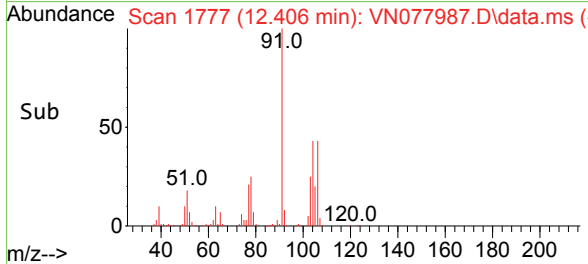
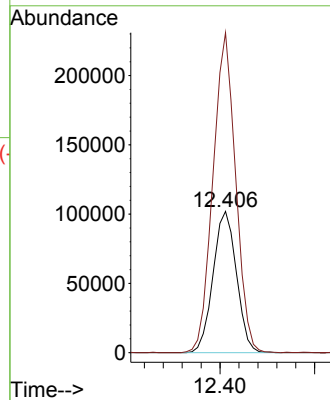
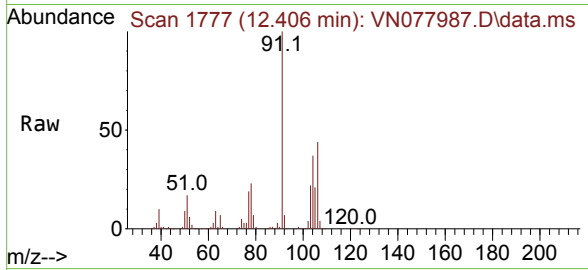




#69
o-Xylene
Concen: 21.009 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

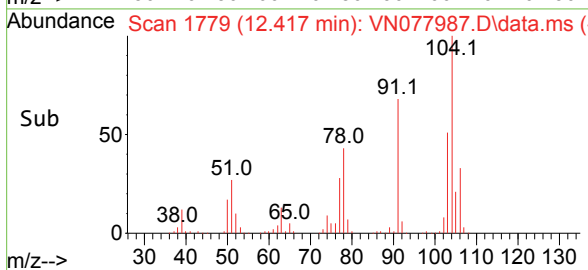
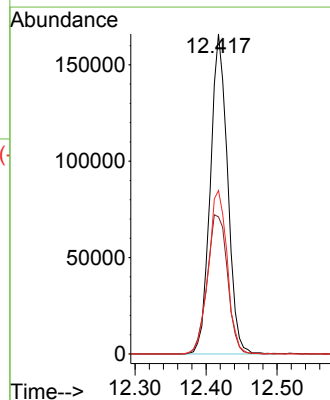
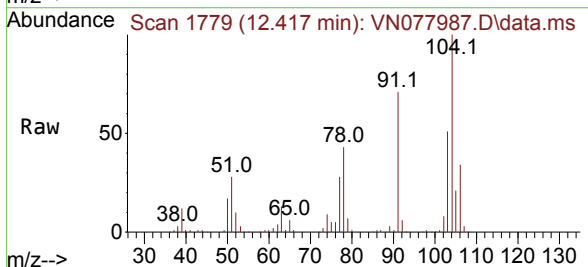
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

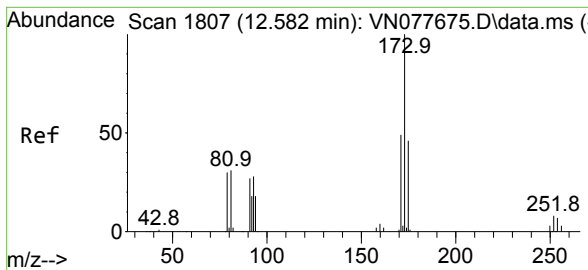
Tgt Ion:106 Resp: 175048
Ion Ratio Lower Upper
106 100
91 219.6 105.2 315.5



#70
Styrene
Concen: 21.206 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion:104 Resp: 280689
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.8 43.2 64.8

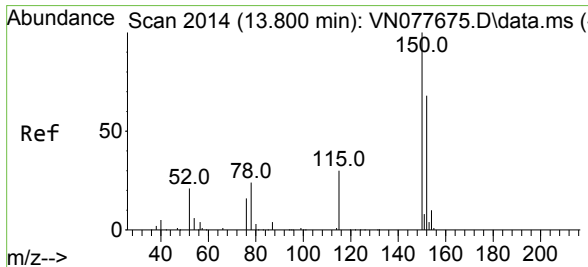
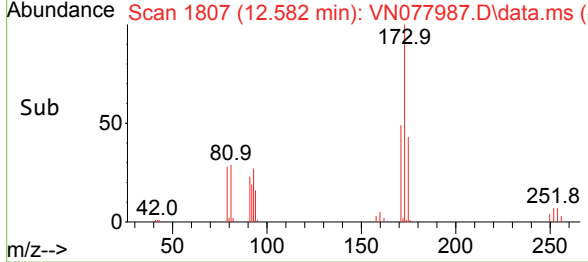
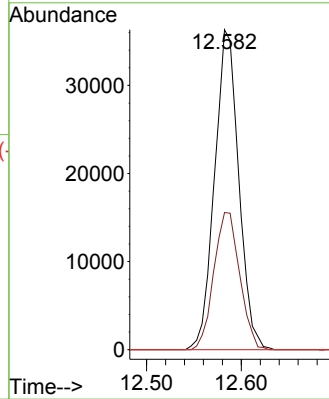
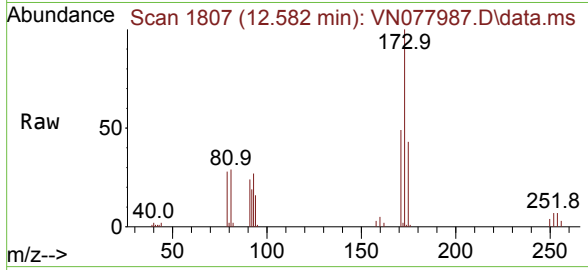




#71
Bromoform
Concen: 22.413 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

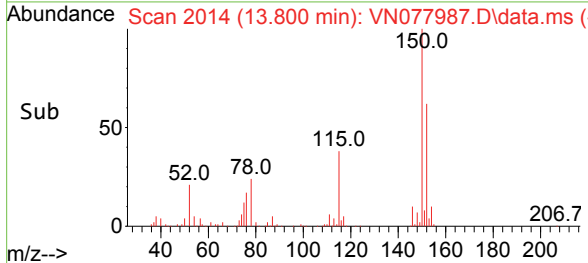
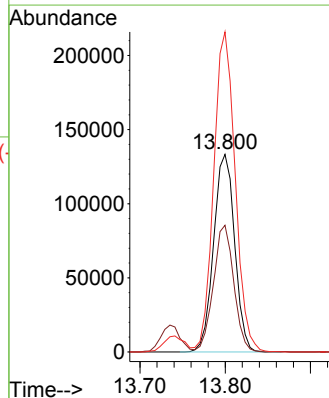
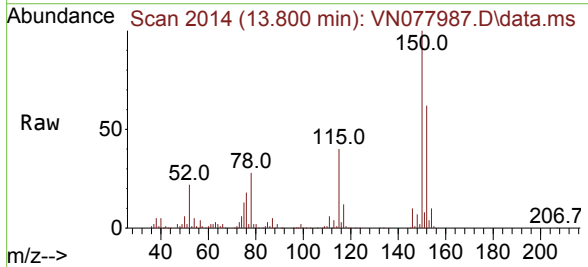
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

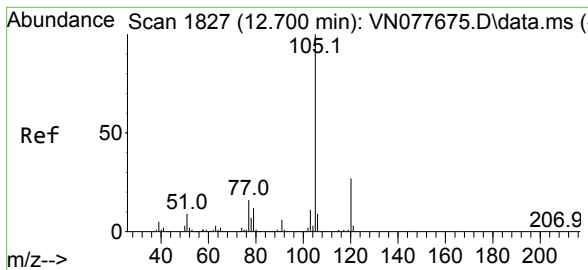
Tgt Ion:173 Resp: 64370
Ion Ratio Lower Upper
173 100
175 45.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion:152 Resp: 228391
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 165.7 0.0 355.8

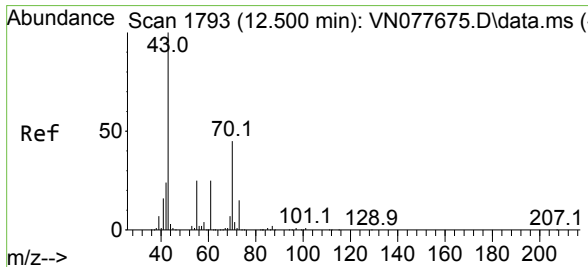
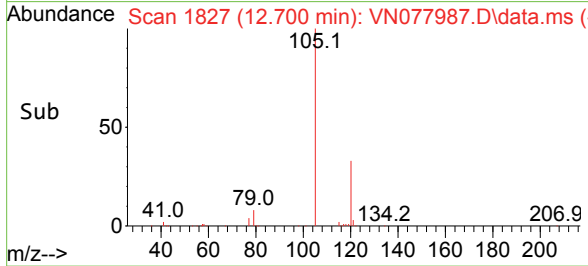
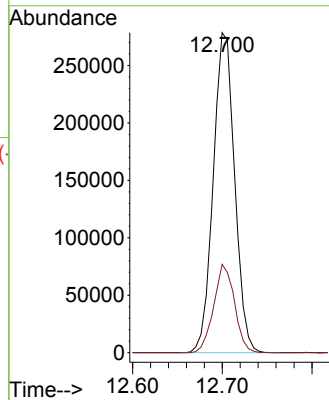
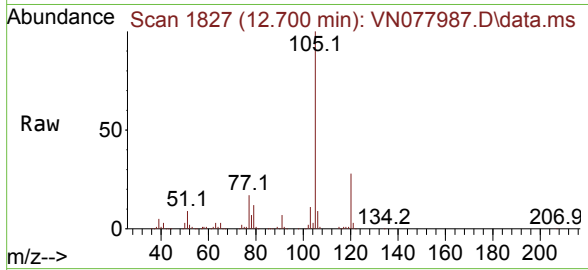




#73
Isopropylbenzene
Concen: 23.428 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

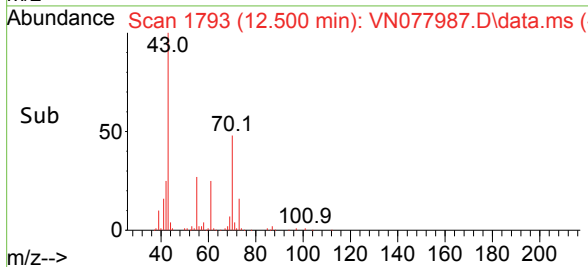
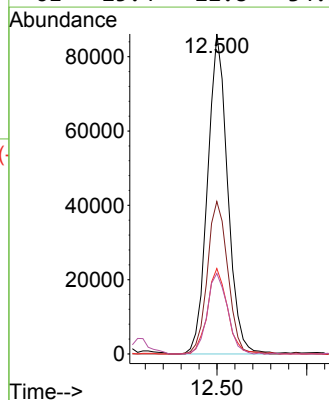
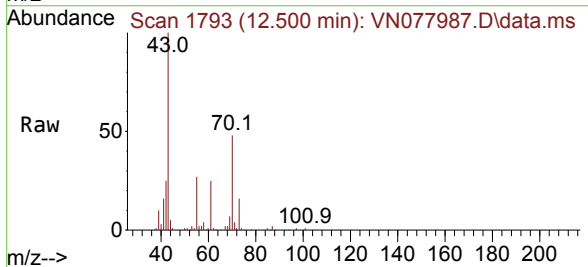
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

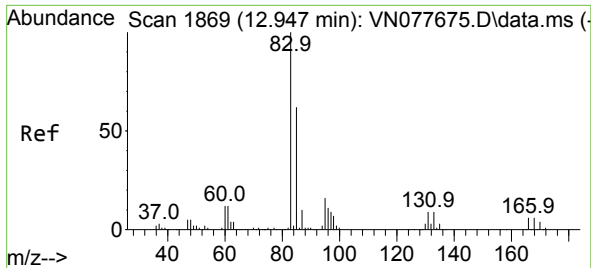
Tgt Ion:105 Resp: 461243
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.1



#74
N-ethyl acetate
Concen: 18.401 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 43 Resp: 133907
Ion Ratio Lower Upper
43 100
70 48.7 43.4 65.2
55 26.6 21.4 32.0
61 25.4 22.8 34.2

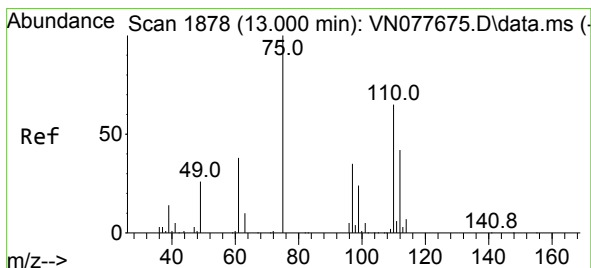
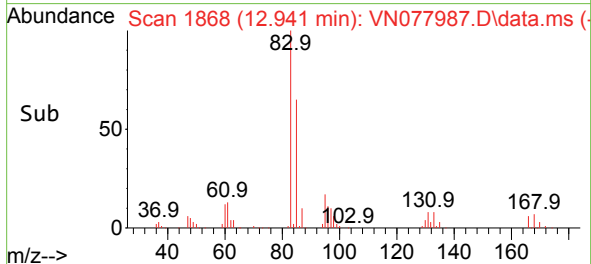
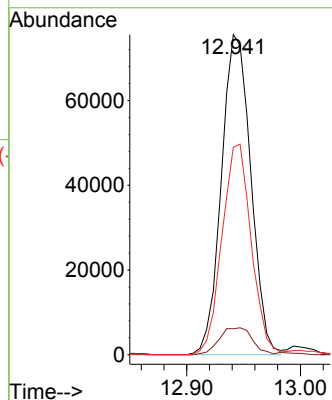
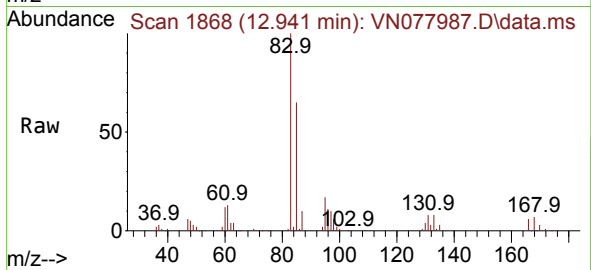




#75
1,1,2,2-Tetrachloroethane
Concen: 22.435 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

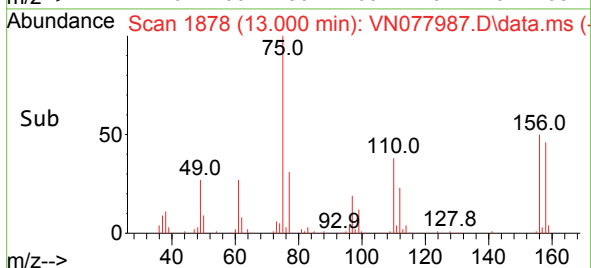
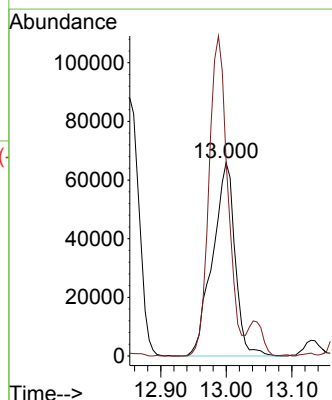
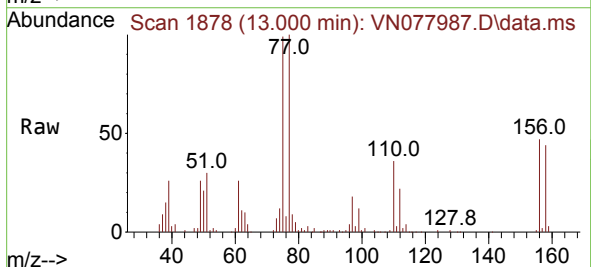
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

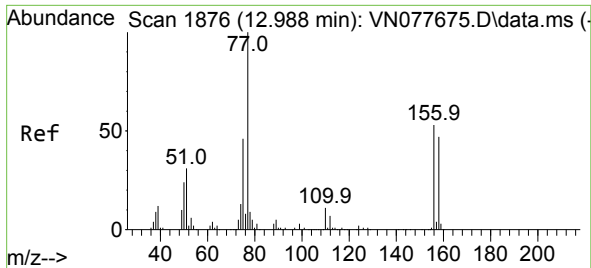
Tgt Ion: 83 Resp: 135877
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 65.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 27.351 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 75 Resp: 156442
Ion Ratio Lower Upper
75 100
77 137.7 84.5 253.5

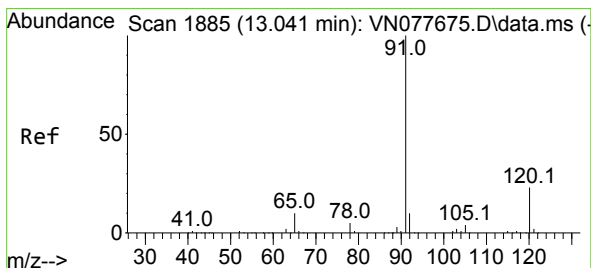
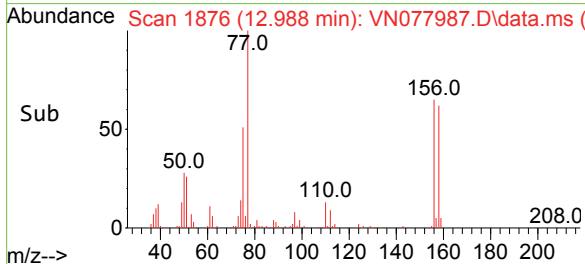
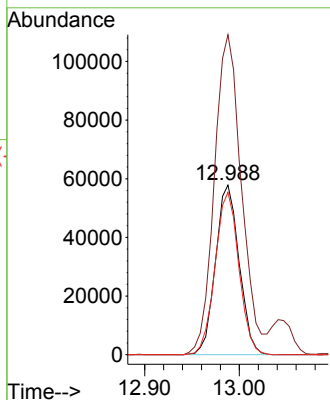
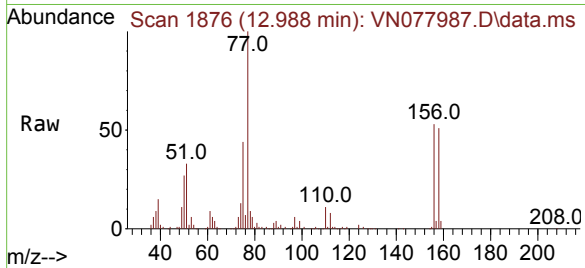




#77
Bromobenzene
Concen: 22.303 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

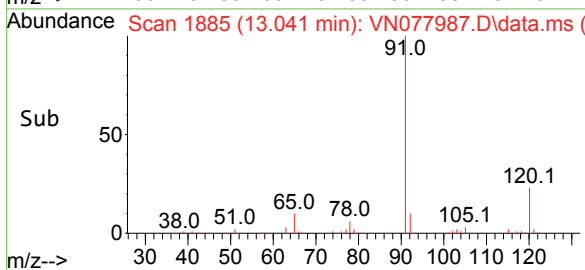
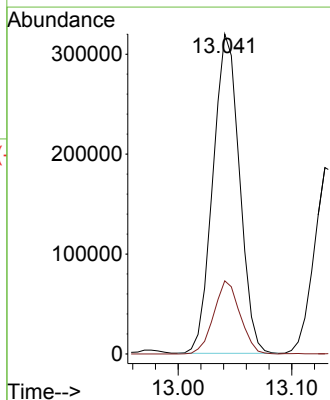
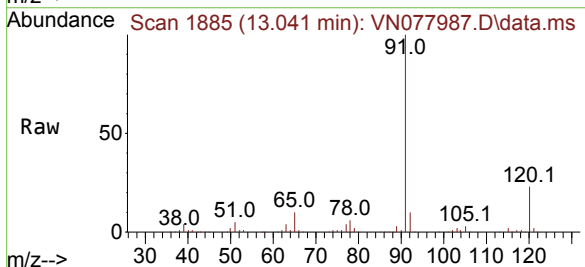
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

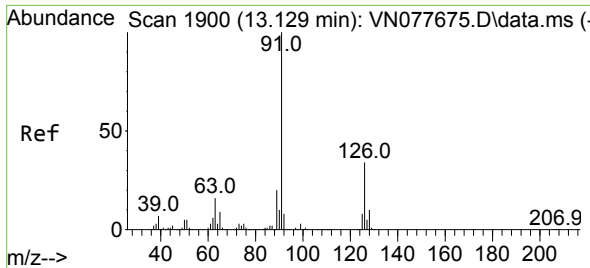
Tgt Ion:156 Resp: 100202
Ion Ratio Lower Upper
156 100
77 214.9 107.7 323.3
158 96.2 48.4 145.3



#78
n-propylbenzene
Concen: 22.331 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 91 Resp: 518299
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

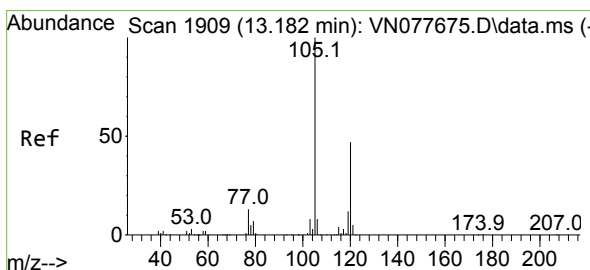
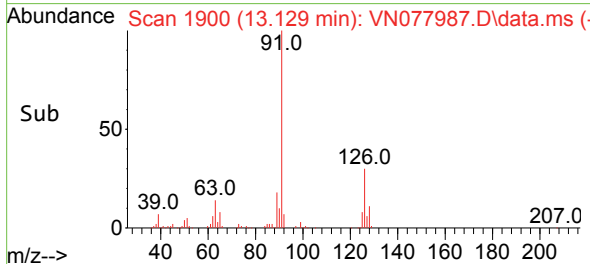
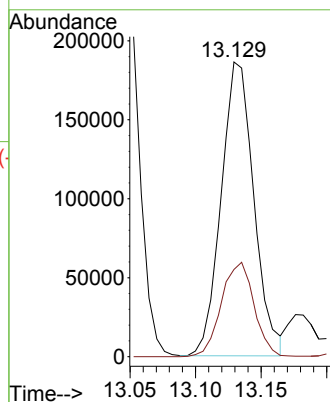
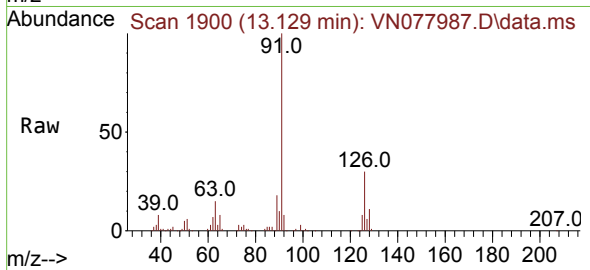




#79
2-Chlorotoluene
Concen: 23.328 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

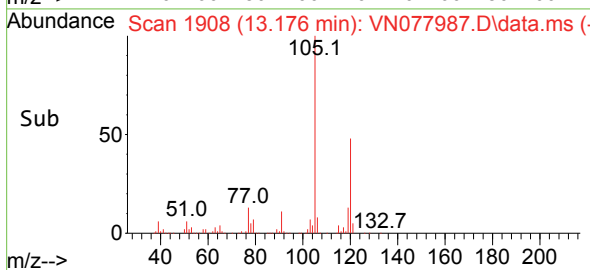
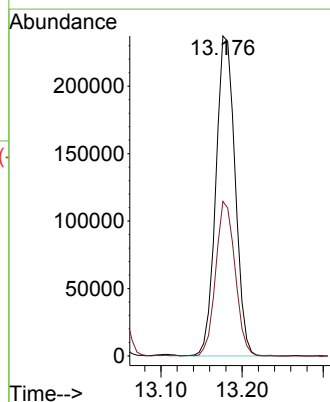
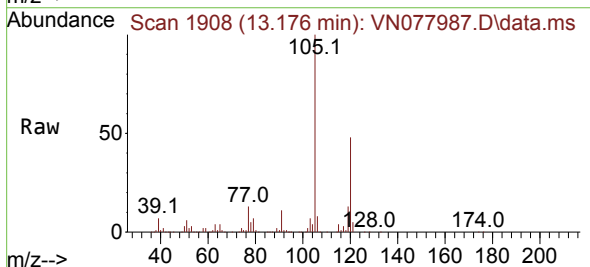
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

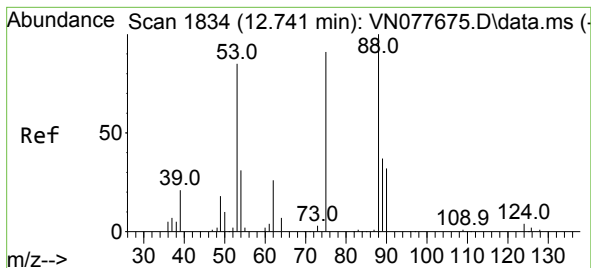
Tgt Ion: 91 Resp: 323090
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 23.654 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 105 Resp: 391396
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

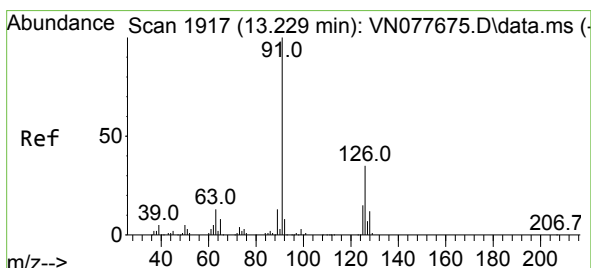
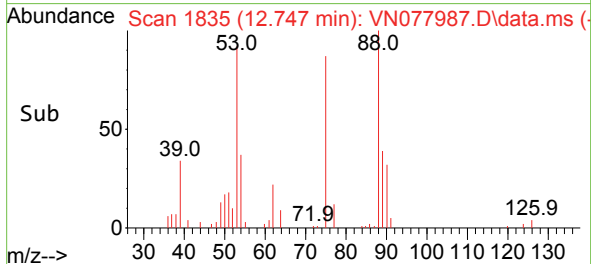
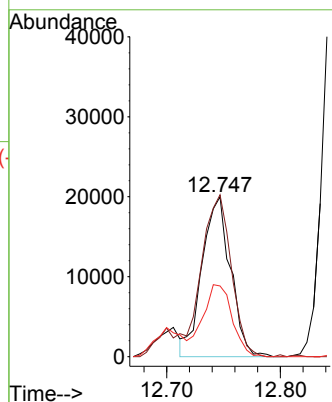
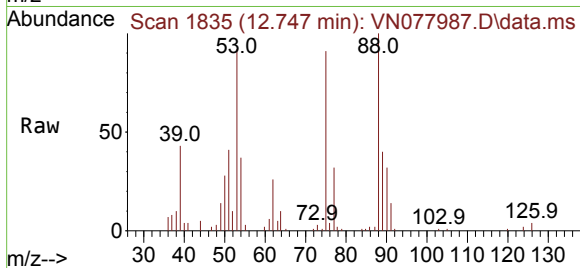




#81
trans-1,4-Dichloro-2-butene
Concen: 19.405 ug/l
RT: 12.747 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

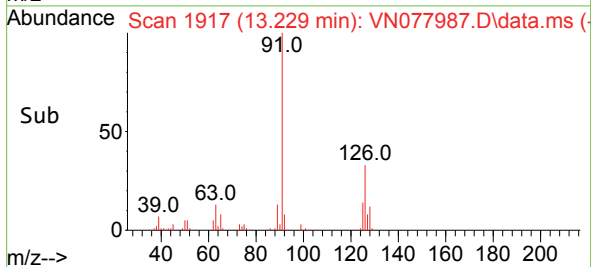
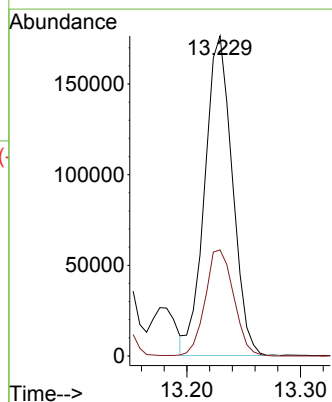
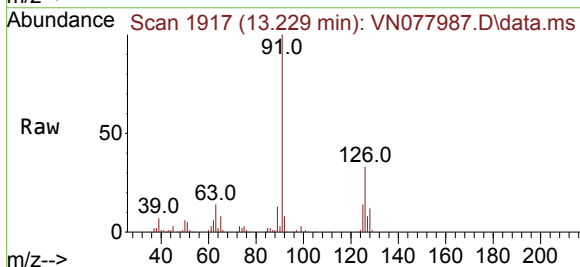
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

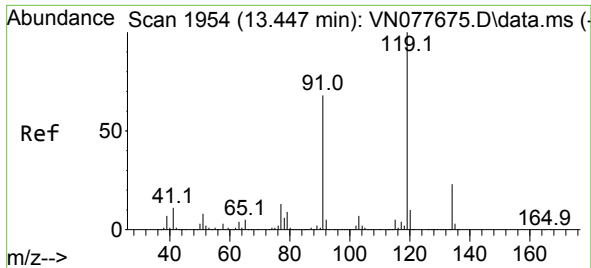
Tgt Ion: 75 Resp: 34722
Ion Ratio Lower Upper
75 100
53 103.4 67.4 101.2#
89 46.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 21.549 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 91 Resp: 296949
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.0

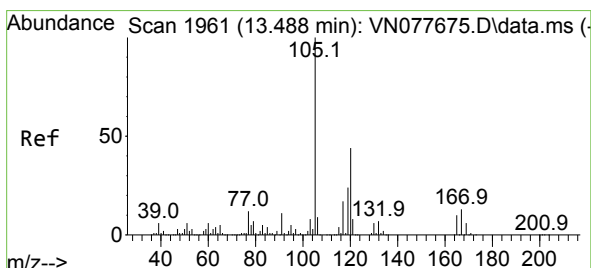
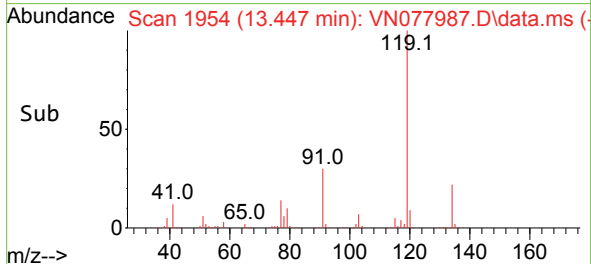
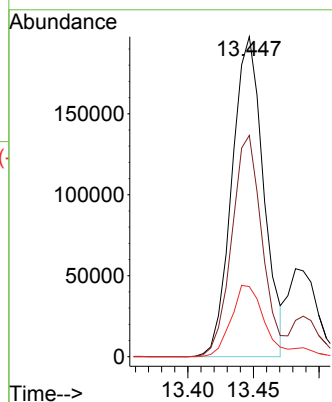
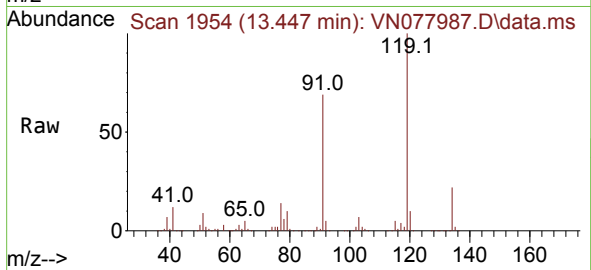




#83
tert-Butylbenzene
Concen: 22.995 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

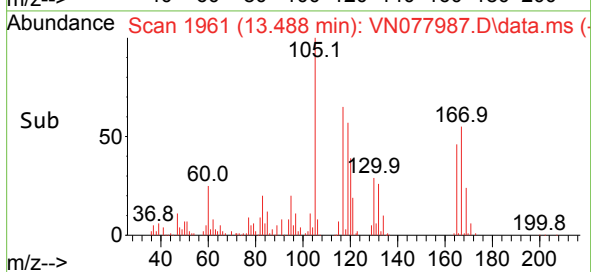
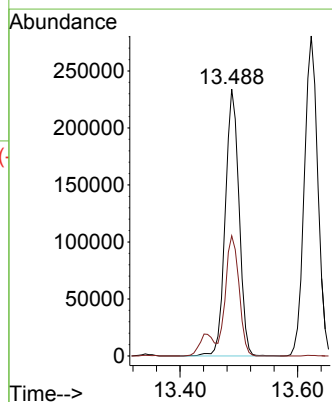
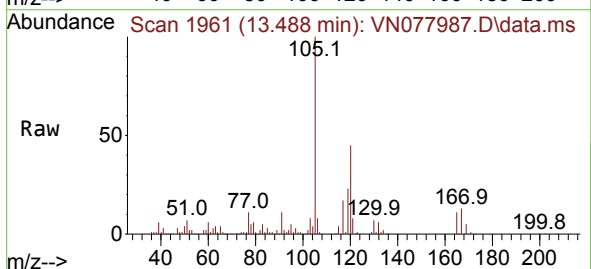
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

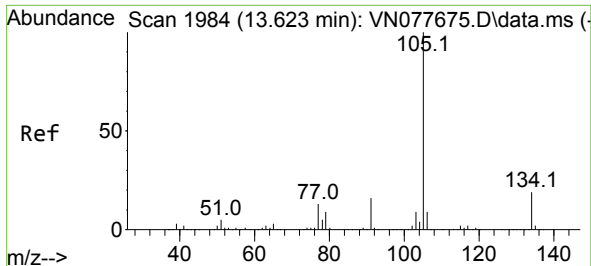
Tgt Ion:119 Resp: 332162
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.7
134 24.8 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 23.337 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion:105 Resp: 379762
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0

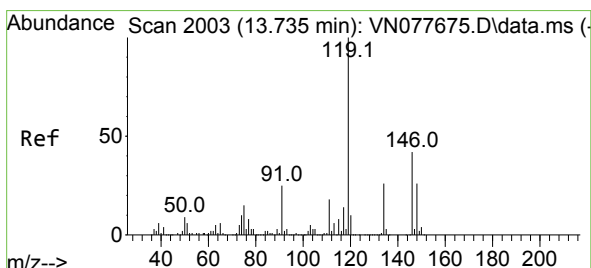
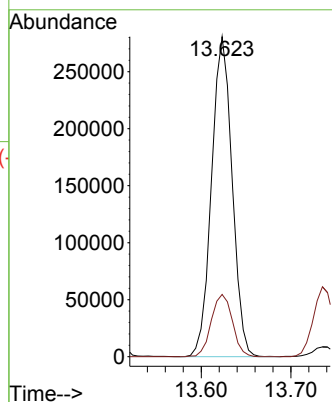
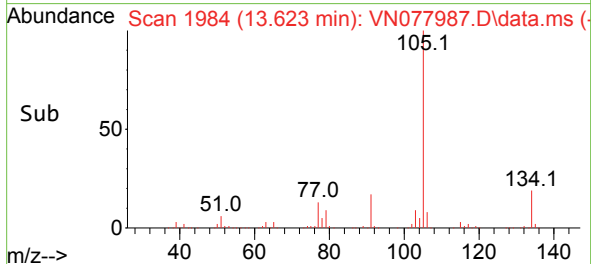
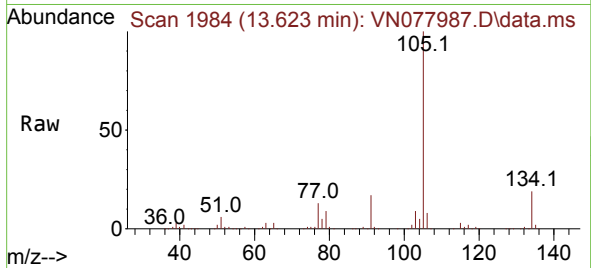




#85
 sec-Butylbenzene
 Concen: 21.771 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077987.D
 Acq: 31 May 2023 12:17

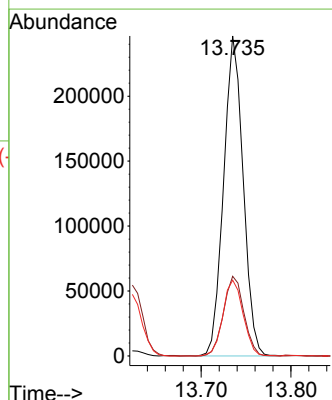
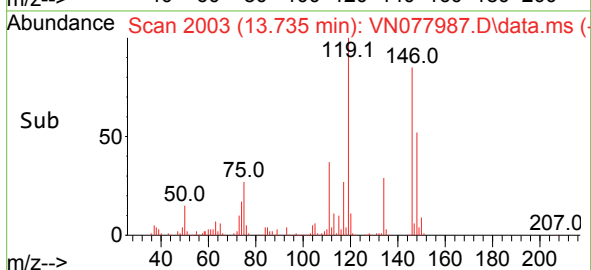
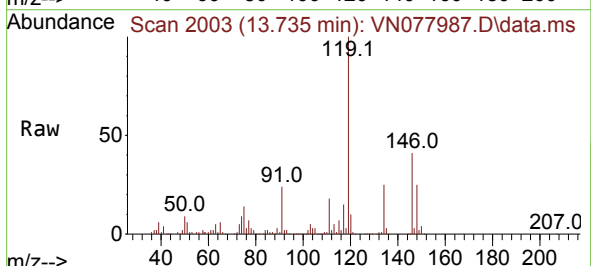
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS01

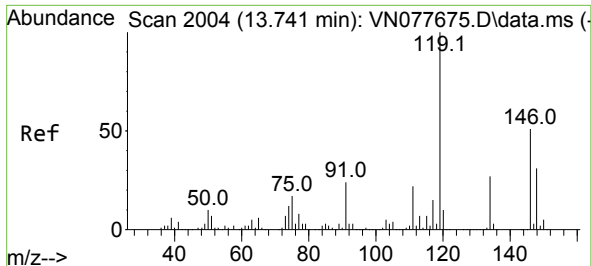
Tgt Ion:105 Resp: 446940
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 22.786 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077987.D
 Acq: 31 May 2023 12:17

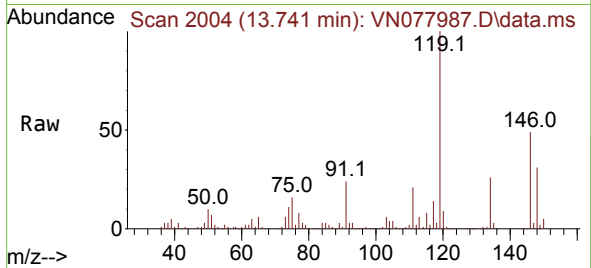
Tgt Ion:119 Resp: 372922
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 24.5 12.4 37.2



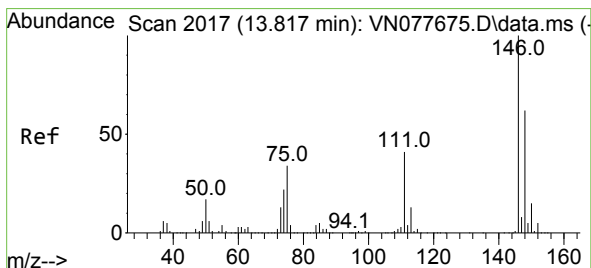
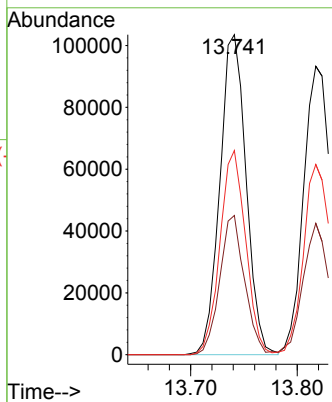
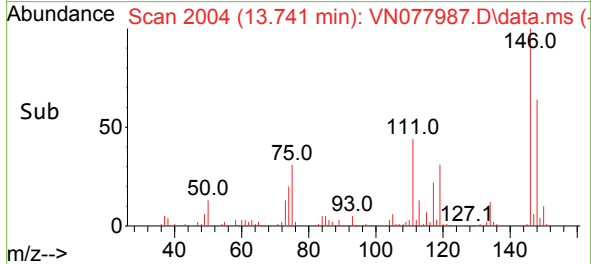


#87
1,3-Dichlorobenzene
Concen: 21.290 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

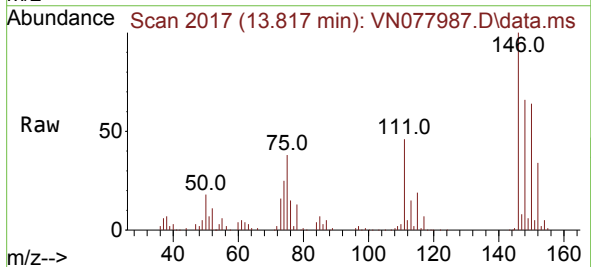
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01



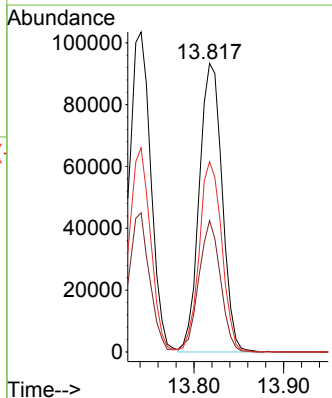
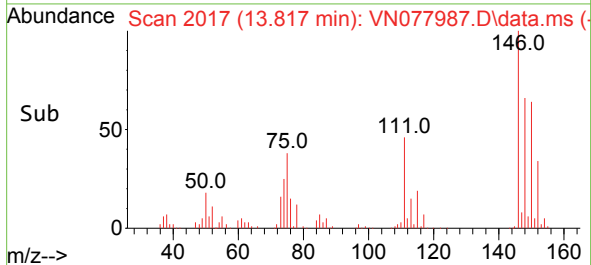
Tgt Ion:146 Resp: 176892
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.3
148 62.6 32.0 96.0

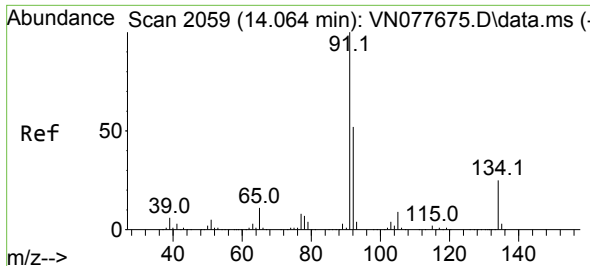


#88
1,4-Dichlorobenzene
Concen: 20.043 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17



Tgt Ion:146 Resp: 165251
Ion Ratio Lower Upper
146 100
111 43.2 20.6 61.8
148 65.3 31.6 94.8

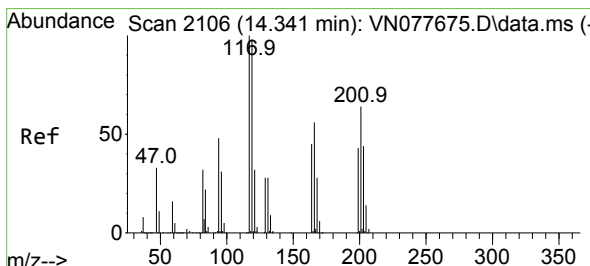
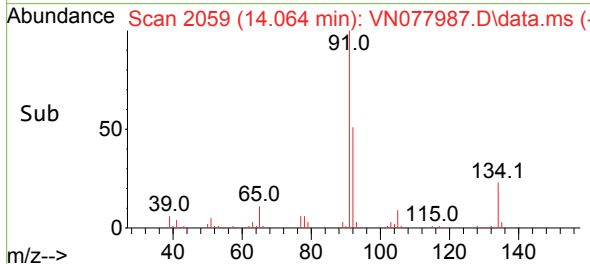
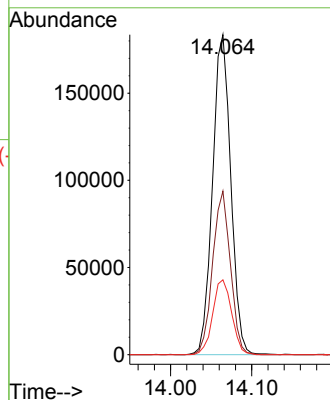
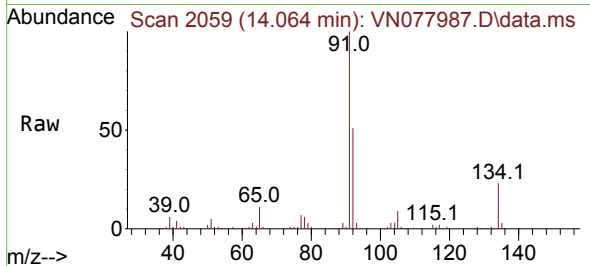




#89
n-Butylbenzene
Concen: 19.016 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

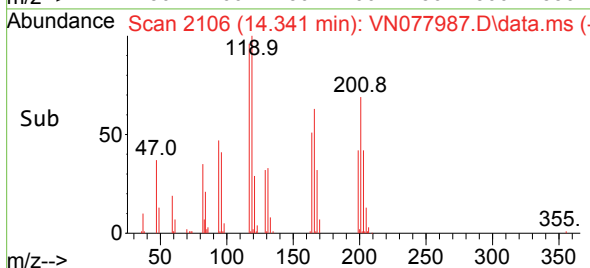
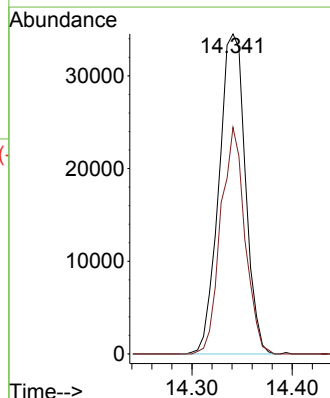
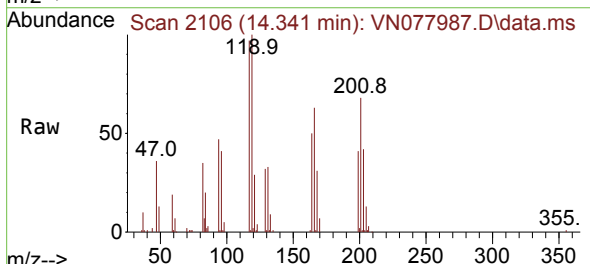
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBS01

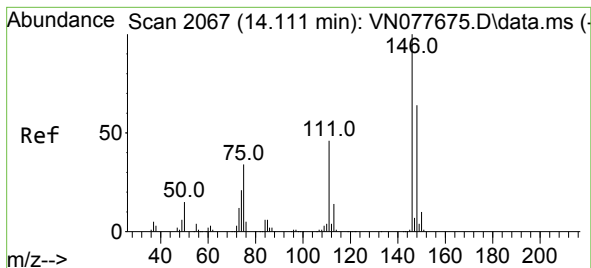
Tgt Ion: 91 Resp: 286260
Ion Ratio Lower Upper
91 100
92 49.9 26.4 79.0
134 24.4 12.6 37.6



#90
Hexachloroethane
Concen: 23.549 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN077987.D
Acq: 31 May 2023 12:17

Tgt Ion: 117 Resp: 63313
Ion Ratio Lower Upper
117 100
201 64.8 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 22.449 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

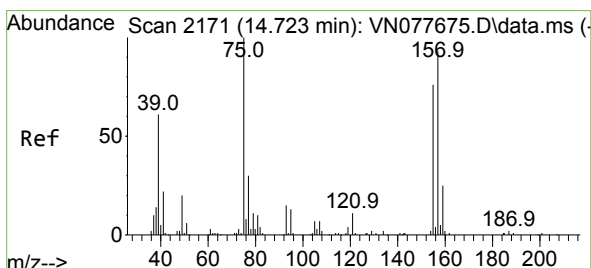
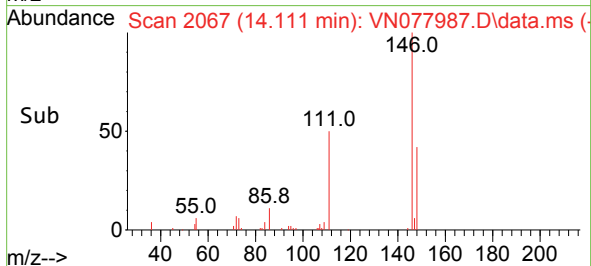
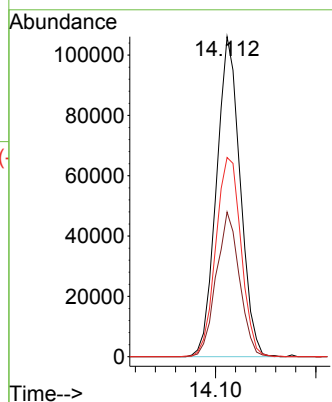
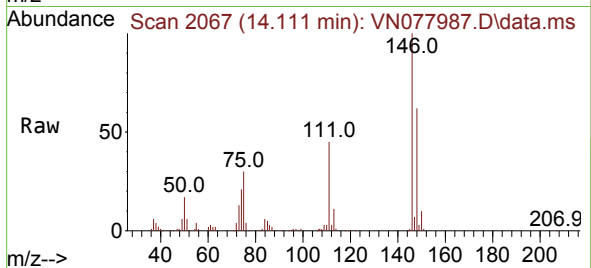
Tgt Ion:146 Resp: 174254

Ion Ratio Lower Upper

146 100

111 44.3 22.0 66.0

148 66.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.463 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

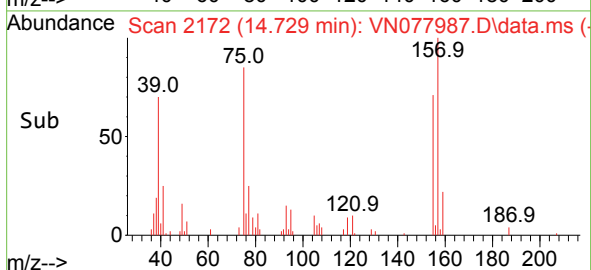
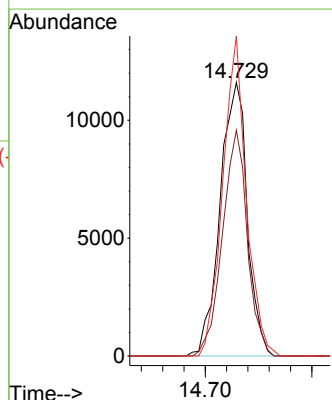
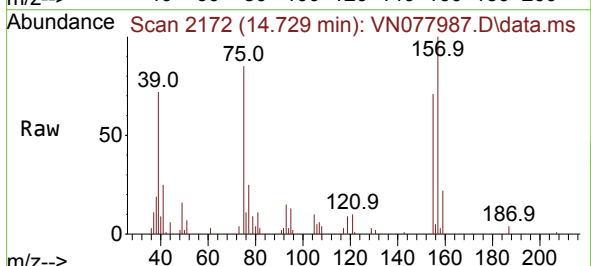
Tgt Ion: 75 Resp: 20477

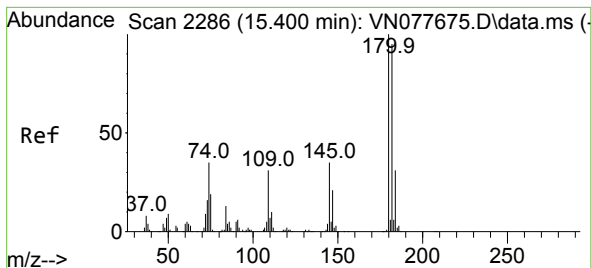
Ion Ratio Lower Upper

75 100

155 75.8 39.1 117.2

157 101.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 13.957 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

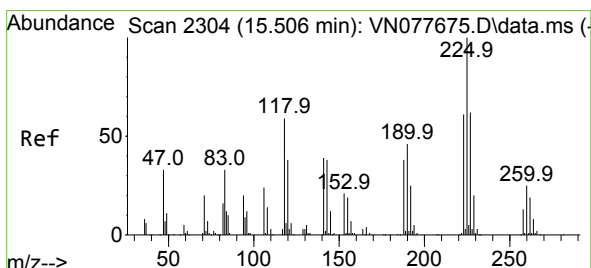
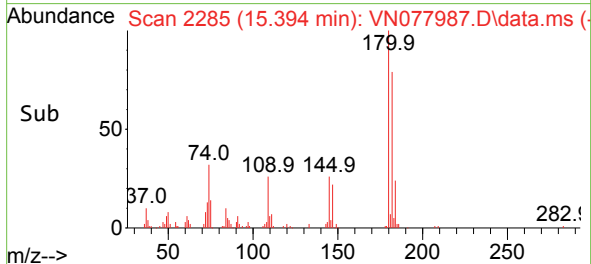
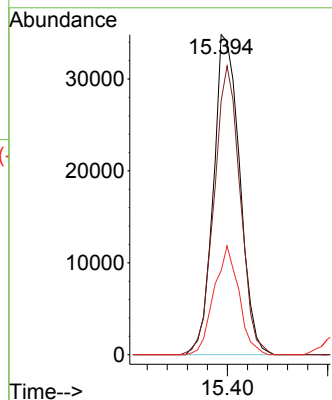
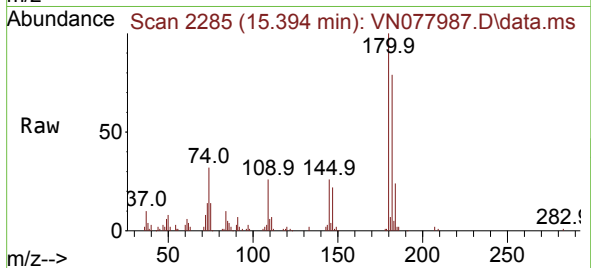
Tgt Ion:180 Resp: 63307

Ion Ratio Lower Upper

180 100

182 89.7 46.1 138.2

145 32.2 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.596 ug/l

RT: 15.511 min Scan# 2305

Delta R.T. 0.005 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

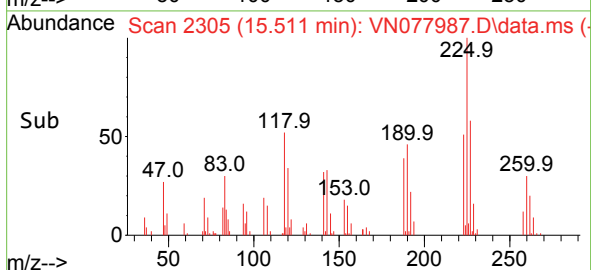
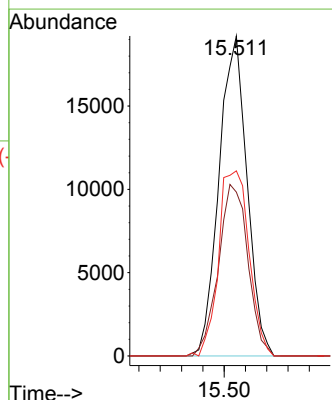
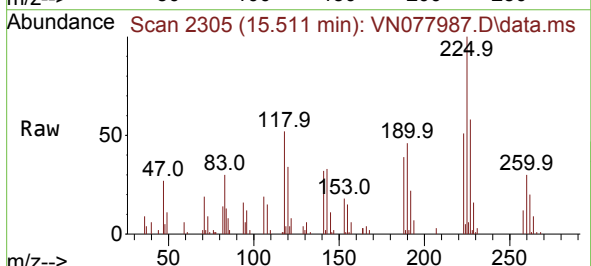
Tgt Ion:225 Resp: 35022

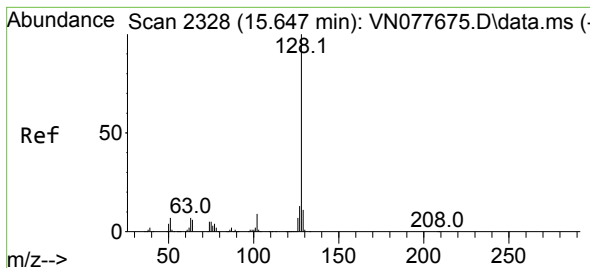
Ion Ratio Lower Upper

225 100

223 56.4 31.3 93.8

227 62.9 31.9 95.9





#95

Naphthalene

Concen: 11.103 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0531WBS01

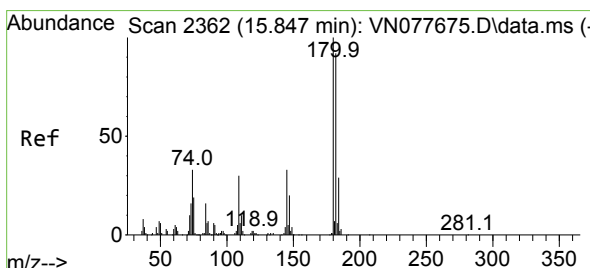
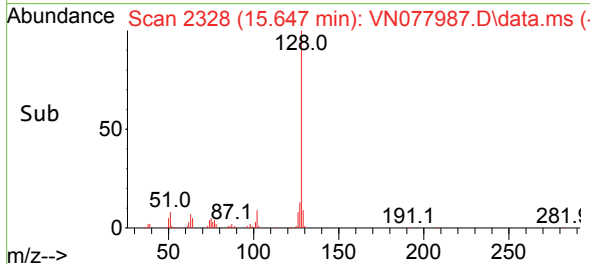
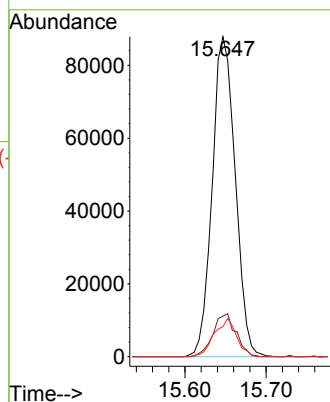
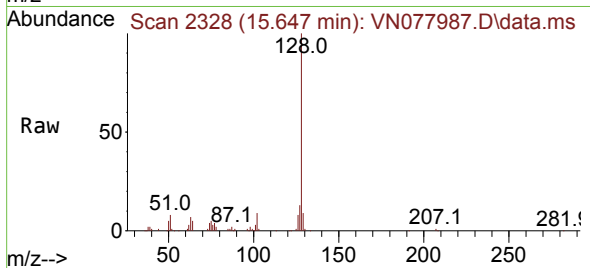
Tgt Ion:128 Resp: 173350

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.5 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 15.327 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077987.D

Acq: 31 May 2023 12:17

Tgt Ion:180 Resp: 68071

Ion Ratio Lower Upper

180 100

182 93.7 46.2 138.6

145 35.7 17.5 52.6

