

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077755.D
 Acq On : 19 May 2023 11:30
 Operator : JC\MD
 Sample : VN0519WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Quant Time: May 29 09:44:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	400578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	714369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	614167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	264429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	288251	48.093	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.180%
35) Dibromofluoromethane	8.177	113	238526	51.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.400%
50) Toluene-d8	10.576	98	900690	50.233	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.859	95	303920	47.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	82426	18.080	ug/l	96
3) Chloromethane	2.365	50	85041	16.390	ug/l	96
4) Vinyl Chloride	2.524	62	97693	16.997	ug/l	98
5) Bromomethane	2.971	94	74256	17.468	ug/l	98
6) Chloroethane	3.136	64	68424	16.519	ug/l	92
7) Trichlorofluoromethane	3.512	101	153200	19.126	ug/l	98
8) Diethyl Ether	3.977	74	53247	18.209	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	83023	18.729	ug/l	97
10) Methyl Iodide	4.600	142	101373	19.175	ug/l	98
11) Tert butyl alcohol	5.530	59	67498	81.600	ug/l	99
12) 1,1-Dichloroethene	4.359	96	78266	18.576	ug/l	98
13) Acrolein	4.189	56	49094	75.326	ug/l	96
14) Allyl chloride	5.036	41	115529	18.666	ug/l	95
15) Acrylonitrile	5.730	53	187164	84.693	ug/l	99
16) Acetone	4.442	43	155188	82.298	ug/l	95
17) Carbon Disulfide	4.724	76	178378	15.713	ug/l	95
18) Methyl Acetate	5.036	43	137625	17.397	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	279781	18.346	ug/l	93
20) Methylene Chloride	5.283	84	94192	17.924	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	86618	18.302	ug/l	93
22) Diisopropyl ether	6.683	45	256169	17.658	ug/l #	92
23) Vinyl Acetate	6.612	43	744790	82.860	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	164236	18.479	ug/l	96
25) 2-Butanone	7.494	43	242625	82.252	ug/l #	86
26) 2,2-Dichloropropane	7.506	77	138881	18.393	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	103550	18.248	ug/l	91
28) Bromochloromethane	7.824	49	67849	17.651	ug/l	90
29) Tetrahydrofuran	7.853	42	157378	81.480	ug/l #	84
30) Chloroform	7.977	83	177099	18.114	ug/l	94
31) Cyclohexane	8.265	56	142520	17.495	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	158358	19.051	ug/l	95
36) 1,1-Dichloropropene	8.382	75	127643	18.734	ug/l	99
37) Ethyl Acetate	7.571	43	100183	16.497	ug/l	95
38) Carbon Tetrachloride	8.371	117	136097	19.781	ug/l	98
39) Methylcyclohexane	9.606	83	152990	18.341	ug/l	90
40) Benzene	8.618	78	386643	19.230	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58242	18.008	ug/l	90
42) 1,2-Dichloroethane	8.677	62	138030	18.898	ug/l	98
43) Isopropyl Acetate	8.694	43	178618	18.007	ug/l	95
44) Trichloroethene	9.359	130	101845	20.004	ug/l	95
45) 1,2-Dichloropropane	9.629	63	100898	19.674	ug/l	94
46) Dibromomethane	9.712	93	66123	18.018	ug/l	91
47) Bromodichloromethane	9.894	83	140858	20.048	ug/l	99
48) Methyl methacrylate	9.688	41	81906	17.416	ug/l	87
49) 1,4-Dioxane	9.706	88	30503	343.395	ug/l	88
51) 4-Methyl-2-Pentanone	10.453	43	516743	87.639	ug/l	93
52) Toluene	10.635	92	242041	19.337	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	136075	18.289	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	152178	18.560	ug/l	95
55) 1,1,2-Trichloroethane	11.023	97	98106	19.739	ug/l	97
56) Ethyl methacrylate	10.882	69	134629	17.915	ug/l	91
57) 1,3-Dichloropropane	11.171	76	161940	19.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	326088	88.204	ug/l	92
59) 2-Hexanone	11.200	43	363146	83.267	ug/l	91
60) Dibromochloromethane	11.365	129	98850	19.266	ug/l	95
61) 1,2-Dibromoethane	11.476	107	91696	18.494	ug/l	99
64) Tetrachloroethene	11.112	164	96469	22.461	ug/l	96
65) Chlorobenzene	11.900	112	260166	19.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	97588	21.183	ug/l	98
67) Ethyl Benzene	11.970	91	463349	19.419	ug/l	97
68) m/p-Xylenes	12.076	106	355657	39.339	ug/l	97
69) o-Xylene	12.406	106	178315	20.055	ug/l	99
70) Styrene	12.418	104	276522	19.578	ug/l	98
71) Bromoform	12.588	173	59399	19.382	ug/l #	100
73) Isopropylbenzene	12.706	105	455018	19.962	ug/l	98
74) N-amyl acetate	12.500	43	133954	15.899	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	126629	18.058	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	155896	23.541	ug/l	77
77) Bromobenzene	12.988	156	98821	18.998	ug/l	99
78) n-propylbenzene	13.041	91	525761	19.565	ug/l	100
79) 2-Chlorotoluene	13.129	91	314247	19.597	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	387576	20.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	40222	19.415	ug/l #	95
82) 4-Chlorotoluene	13.229	91	301565	18.902	ug/l	99
83) tert-Butylbenzene	13.447	119	339202	20.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	383349	20.347	ug/l	97
85) sec-Butylbenzene	13.623	105	477326	20.083	ug/l	100
86) p-Isopropyltoluene	13.735	119	384745	20.305	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	182356	18.956	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	181540	19.018	ug/l	99
89) n-Butylbenzene	14.064	91	333231	19.120	ug/l	98
90) Hexachloroethane	14.341	117	62843	20.188	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	184676	20.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	24606	18.125	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	86480	16.467	ug/l	99
94) Hexachlorobutadiene	15.511	225	43317	19.866	ug/l	97
95) Naphthalene	15.647	128	251000	13.885	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	88316	17.176	ug/l	100

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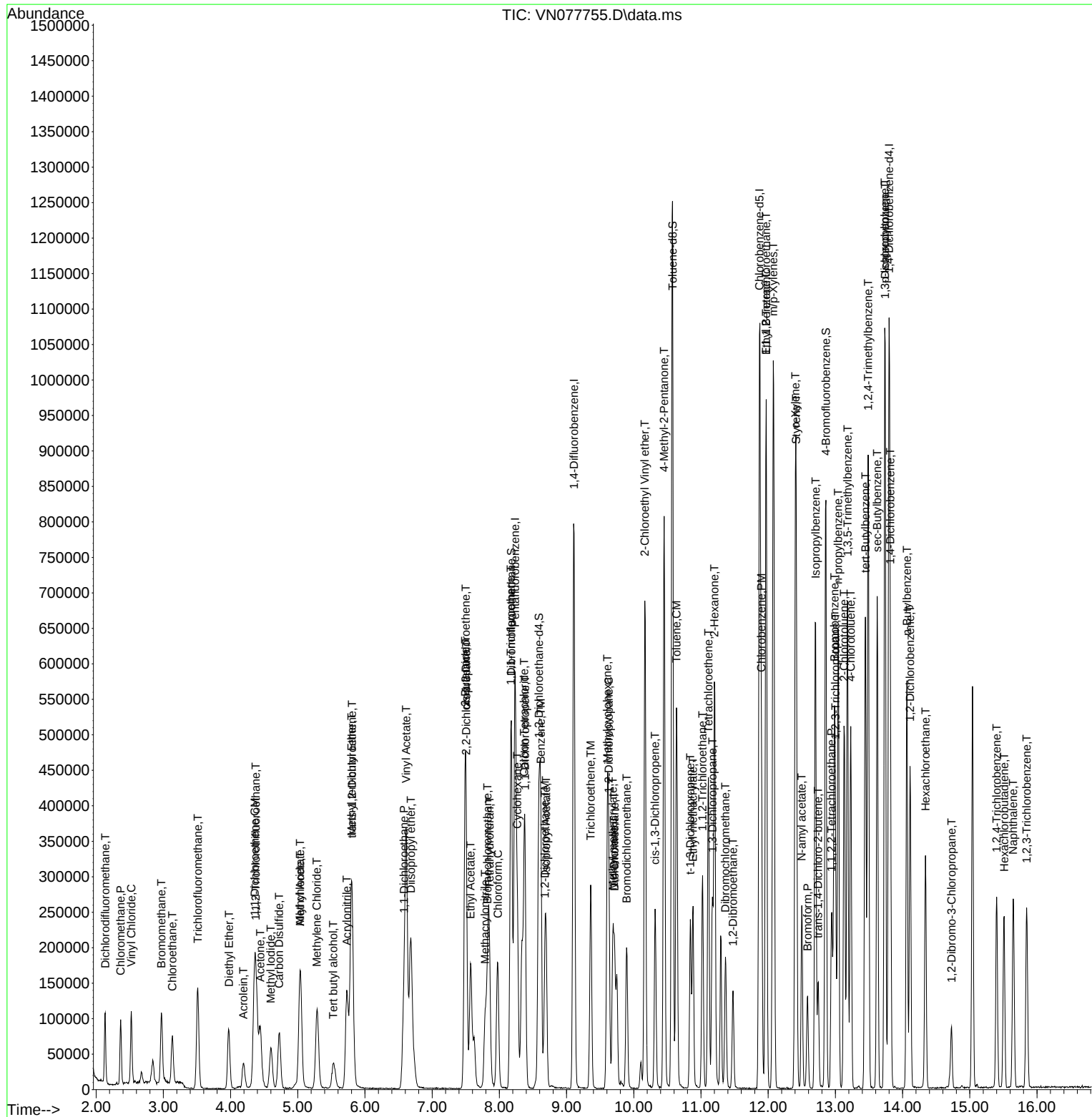
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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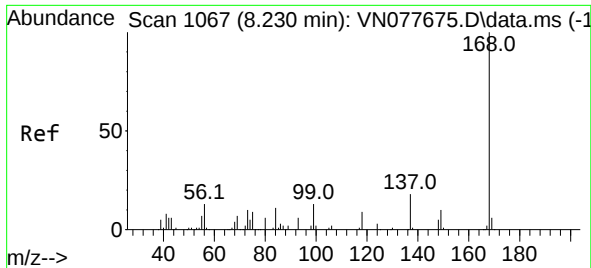
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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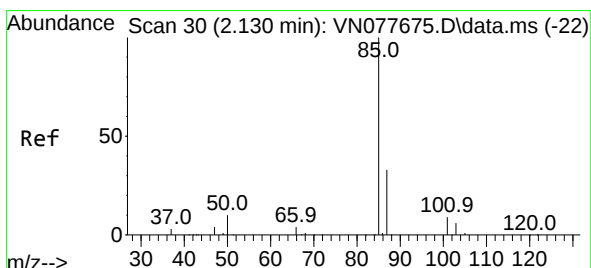
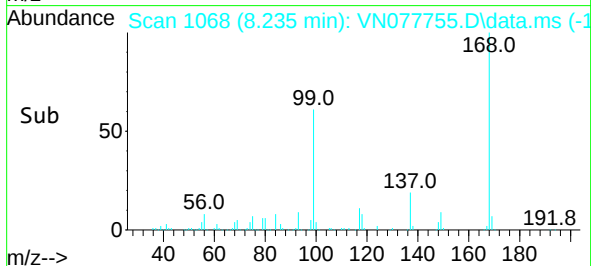
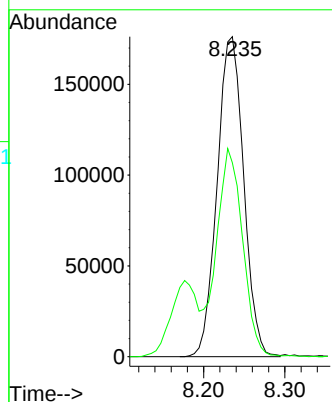
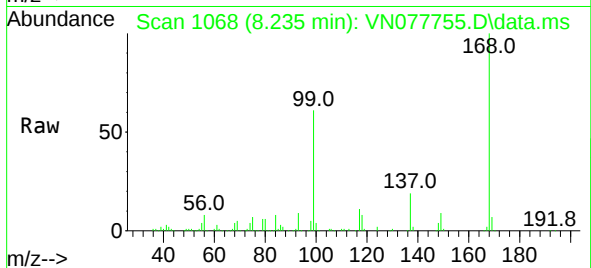




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. 0.005 min
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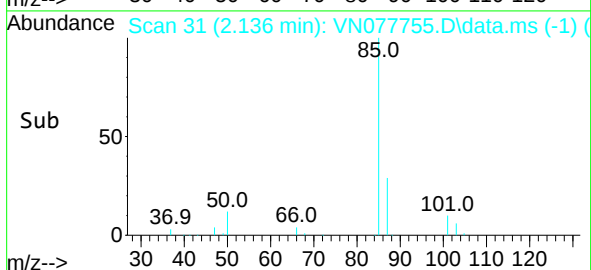
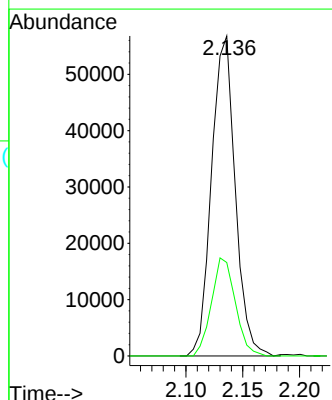
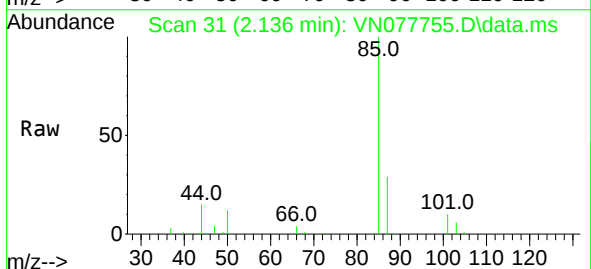
Instrument :
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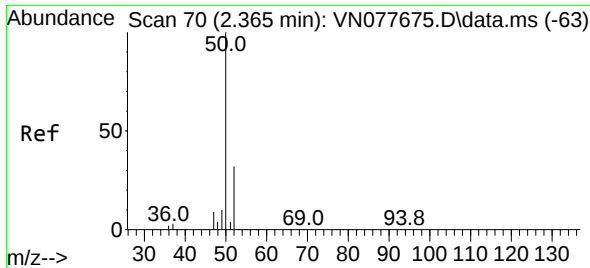
Tgt Ion:168 Resp: 400578
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 18.080 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 85 Resp: 82426
Ion Ratio Lower Upper
85 100
87 29.2 15.8 47.4

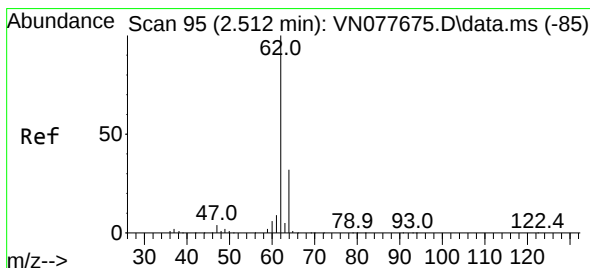
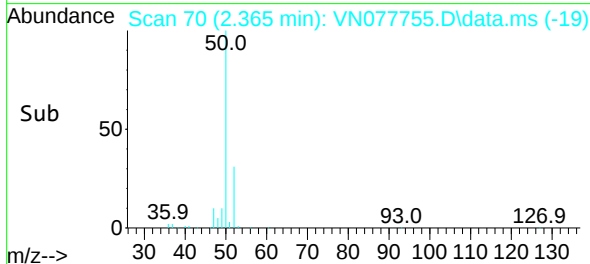
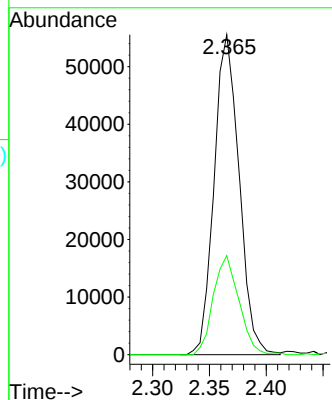
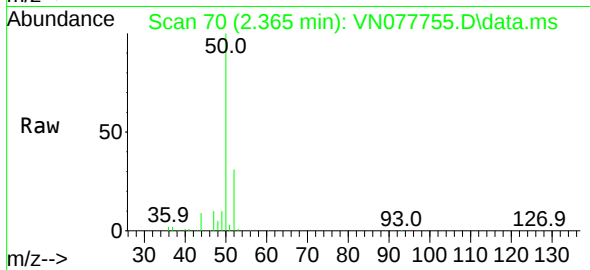




#3
Chloromethane
Concen: 16.390 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

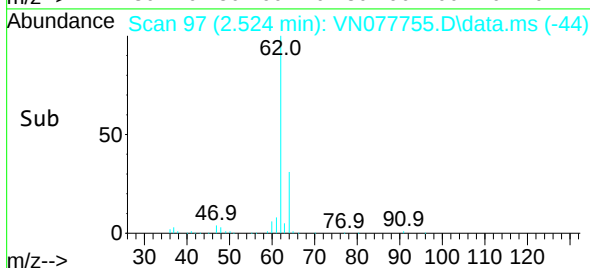
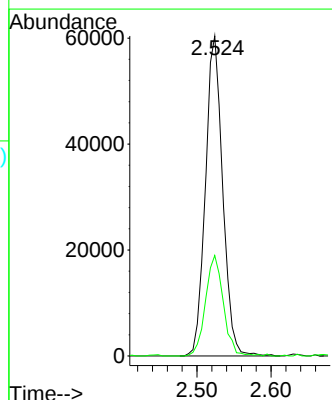
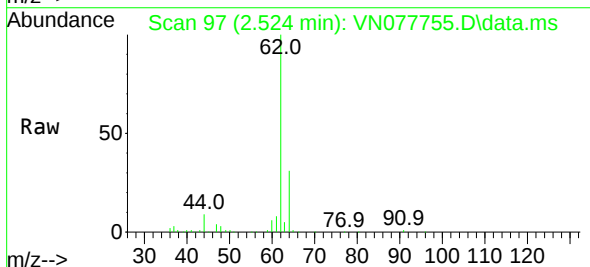
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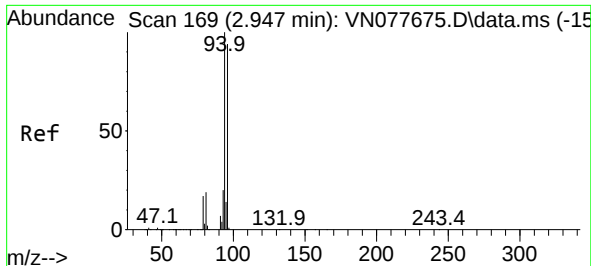
Tgt Ion: 50 Resp: 85041
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7



#4
Vinyl Chloride
Concen: 16.997 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 62 Resp: 97693
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2

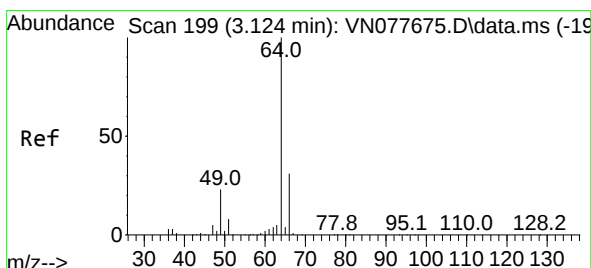
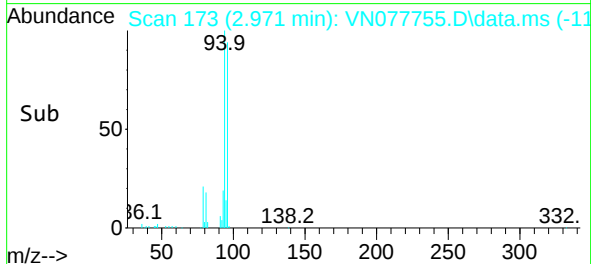
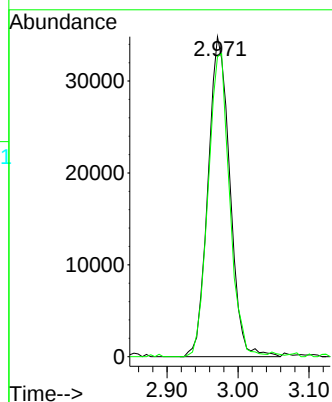
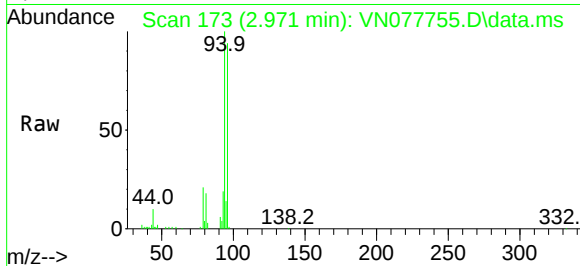




#5
Bromomethane
Concen: 17.468 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077755.D
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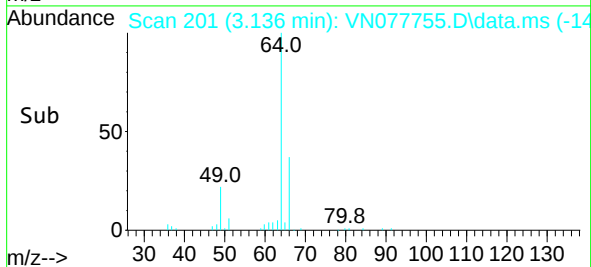
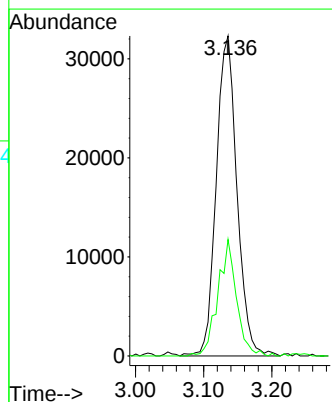
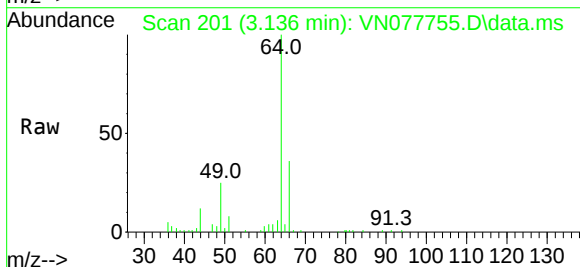
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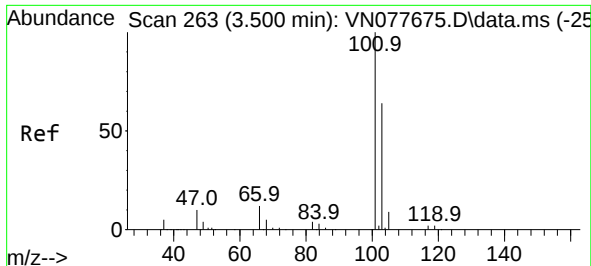
Tgt Ion: 94 Resp: 74256
Ion Ratio Lower Upper
94 100
96 93.8 73.1 109.7



#6
Chloroethane
Concen: 16.519 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.012 min
Lab File: VN077755.D
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Tgt Ion: 64 Resp: 68424
Ion Ratio Lower Upper
64 100
66 36.4 25.4 38.2

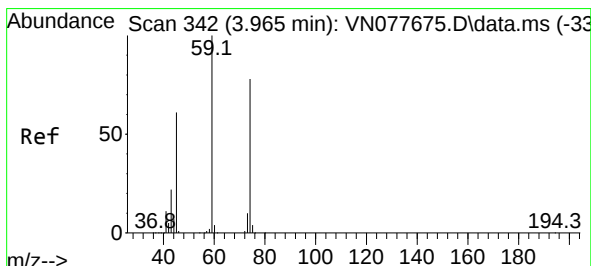
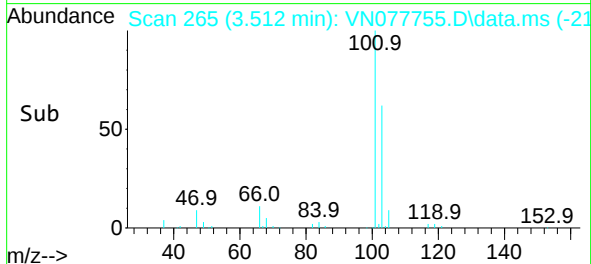
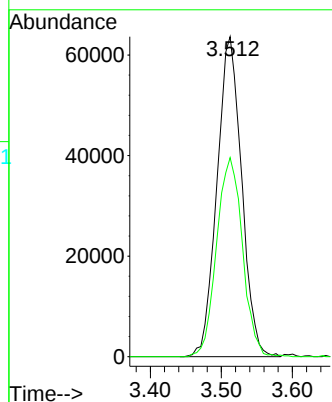
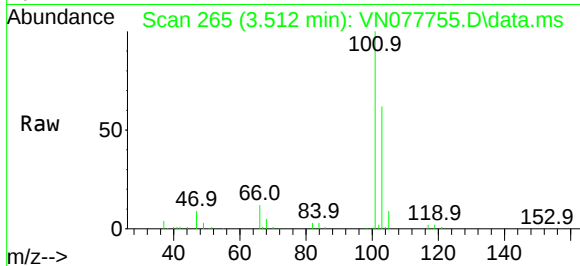




#7
 Trichlorofluoromethane
 Concen: 19.126 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN077755.D
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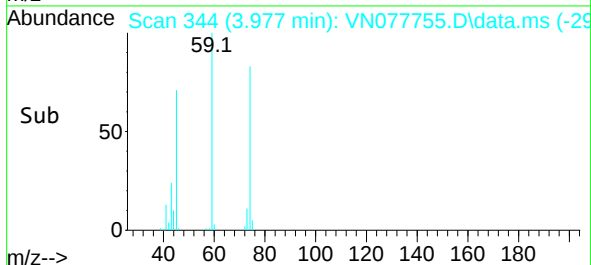
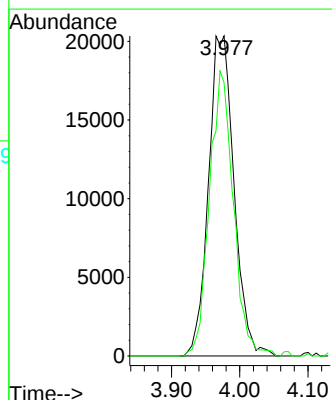
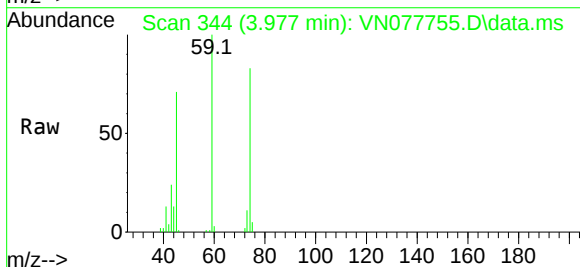
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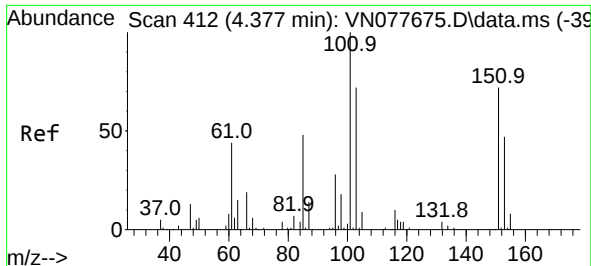
Tgt Ion:101 Resp: 153200
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.209 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. 0.012 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

Tgt Ion: 74 Resp: 53247
 Ion Ratio Lower Upper
 74 100
 45 83.1 34.4 103.3

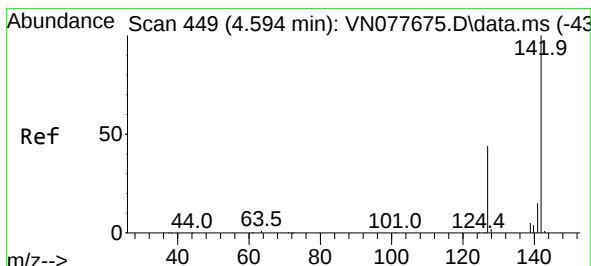
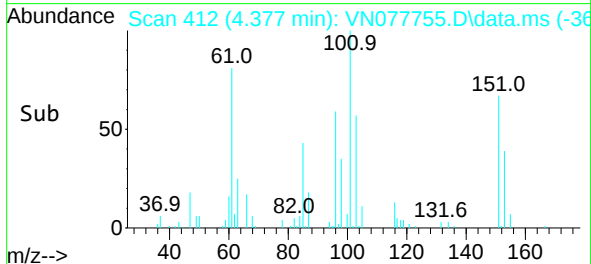
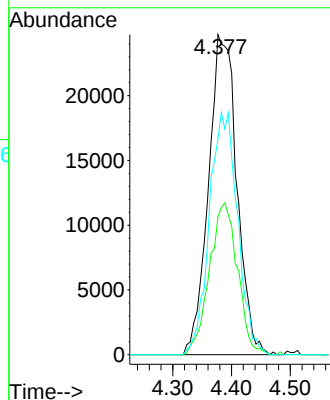
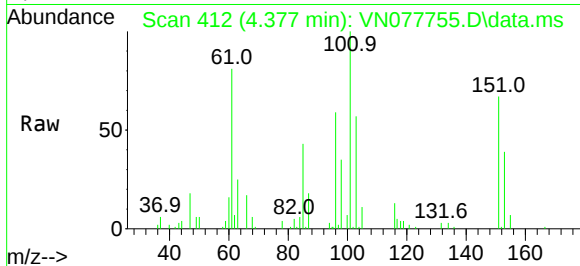




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.729 ug/l
RT: 4.377 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

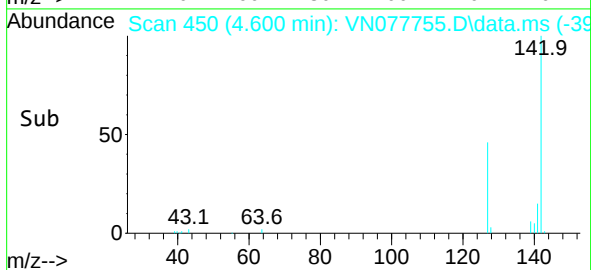
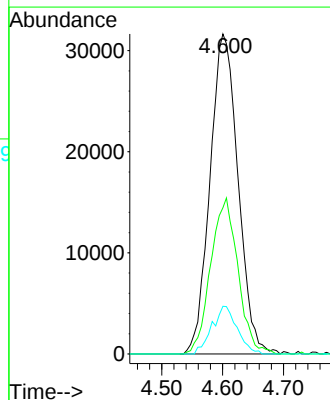
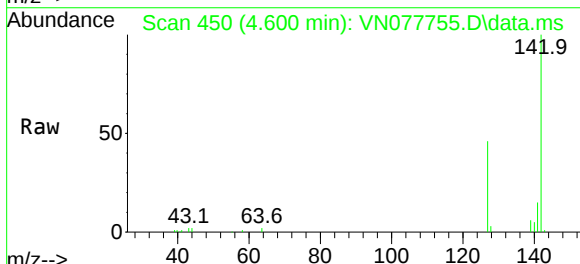
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

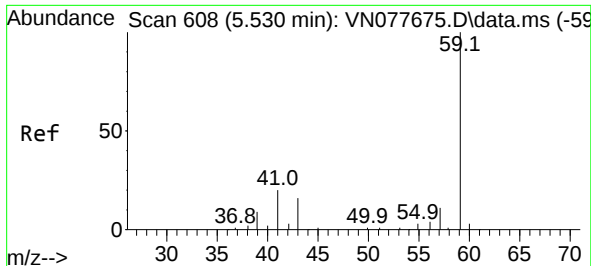
Tgt Ion:101 Resp: 83023
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 75.6 57.6 86.4



#10
Methyl Iodide
Concen: 19.175 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:142 Resp: 101373
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 14.9 11.4 17.0

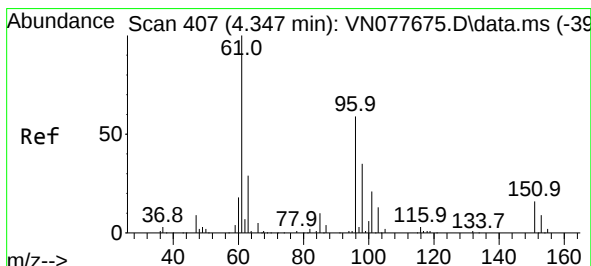
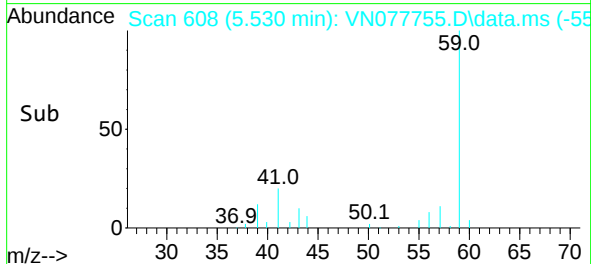
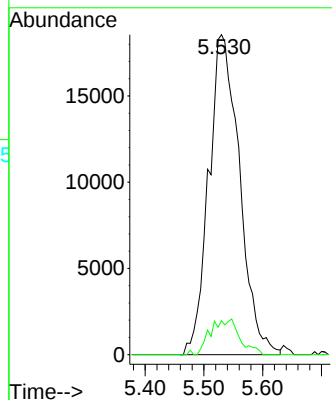
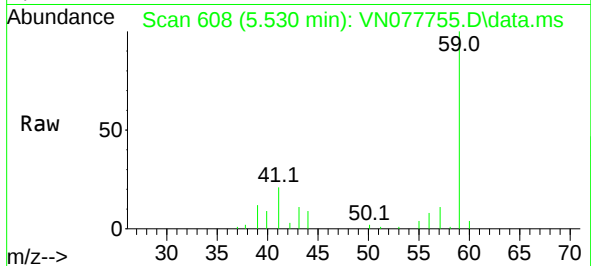




#11
Tert butyl alcohol
Concen: 81.600 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

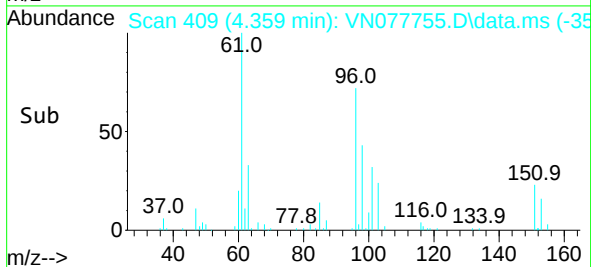
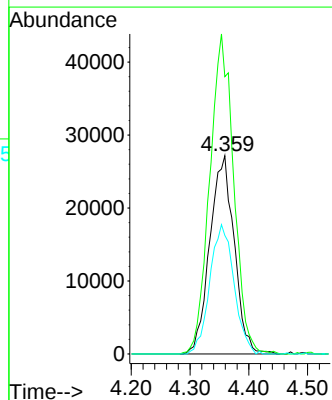
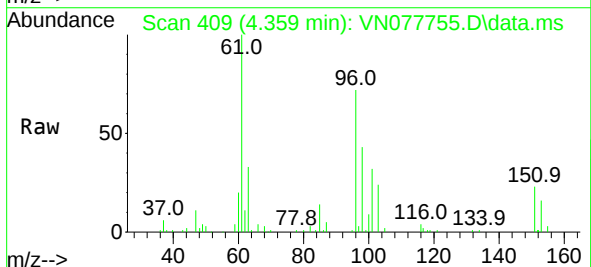
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

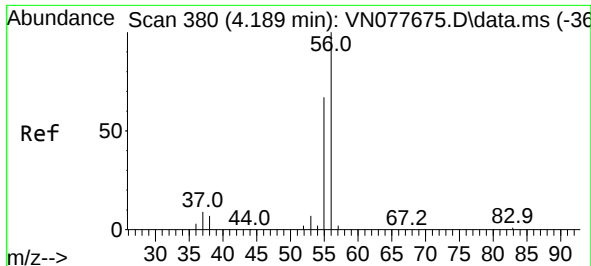
Tgt Ion: 59 Resp: 67498
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.576 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 96 Resp: 78266
Ion Ratio Lower Upper
96 100
61 139.9 112.7 169.1
98 59.8 51.2 76.8

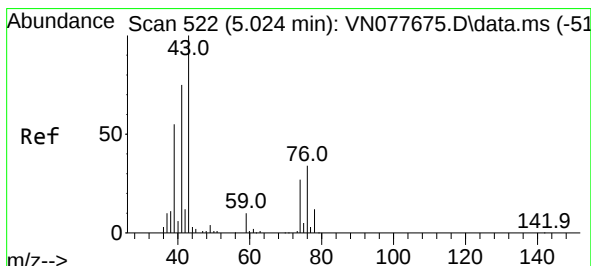
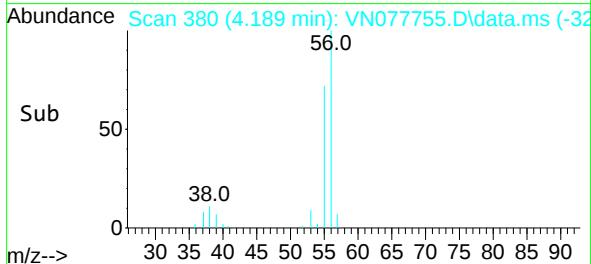
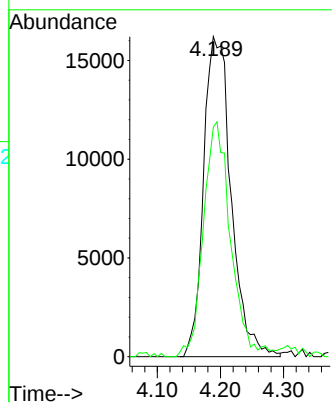
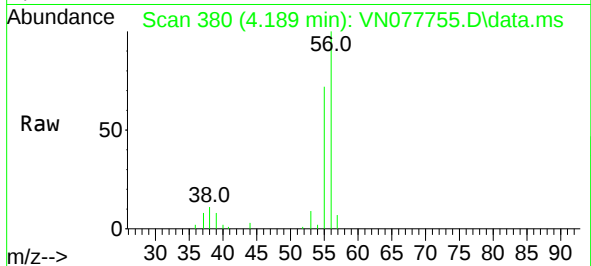




#13
Acrolein
Concen: 75.326 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

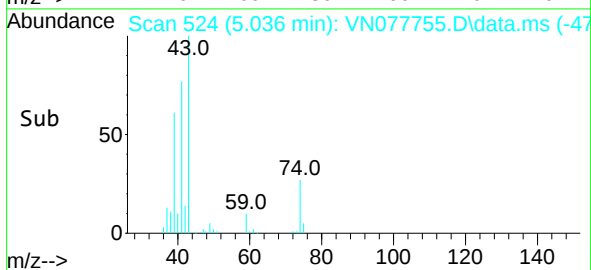
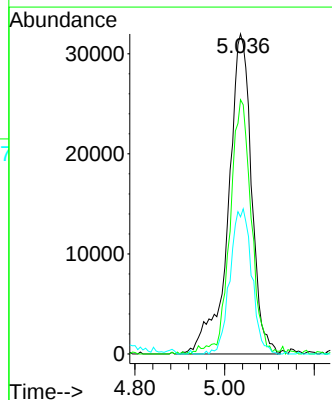
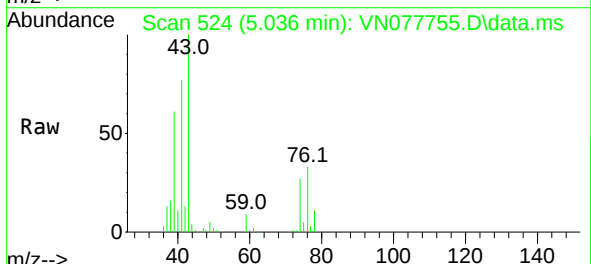
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

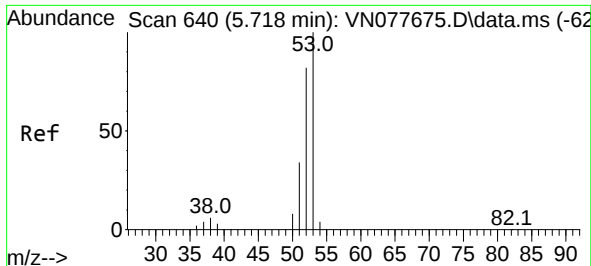
Tgt Ion: 56 Resp: 49094
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7



#14
Allyl chloride
Concen: 18.666 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 41 Resp: 115529
Ion Ratio Lower Upper
41 100
39 72.6 58.8 88.2
76 42.3 39.1 58.7

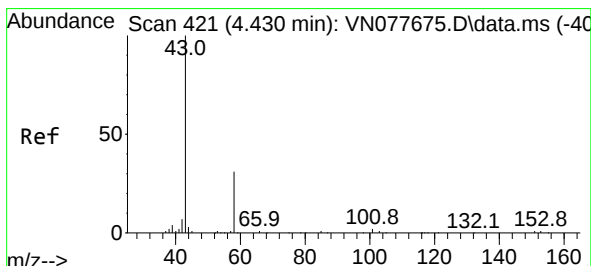
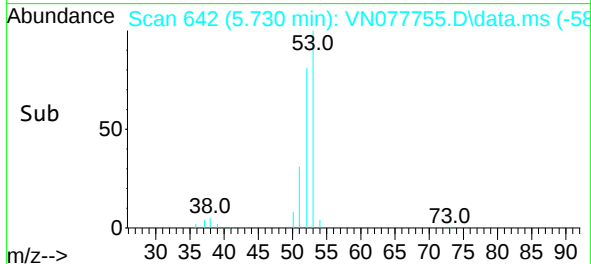
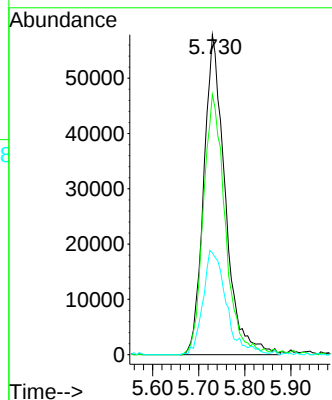
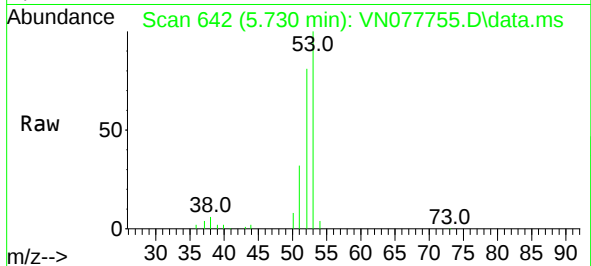




#15
Acrylonitrile
Concen: 84.693 ug/l
RT: 5.730 min Scan# 64
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

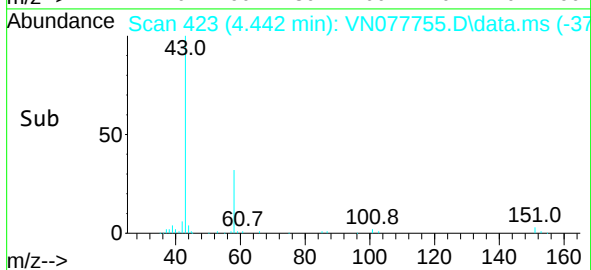
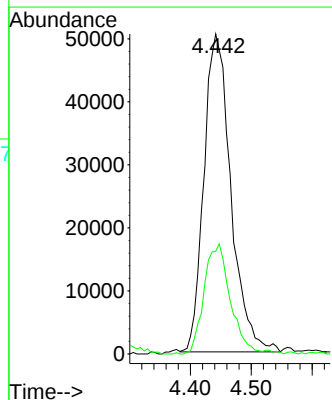
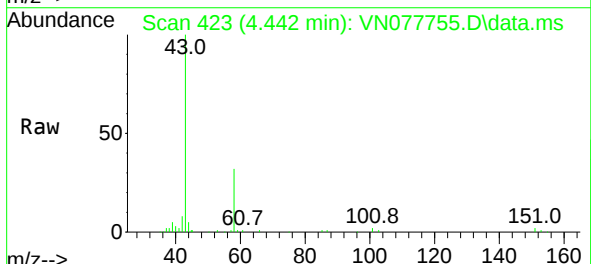
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

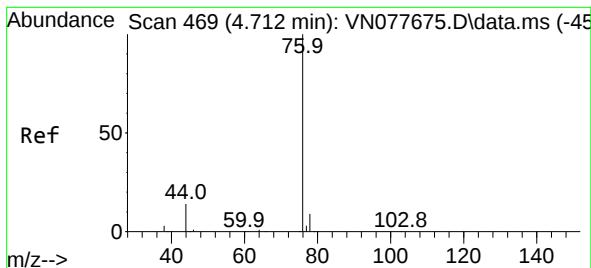
Tgt Ion: 53 Resp: 187164
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 35.4 28.9 43.3



#16
Acetone
Concen: 82.298 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 43 Resp: 155188
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#17

Carbon Disulfide

Concen: 15.713 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

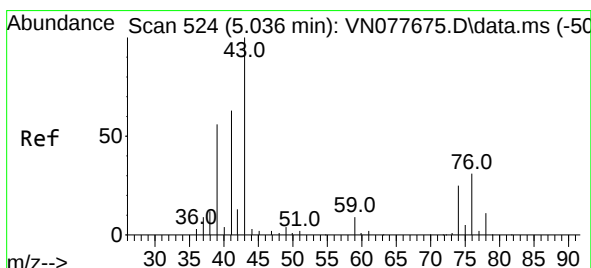
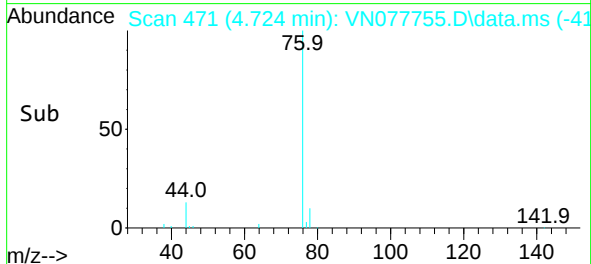
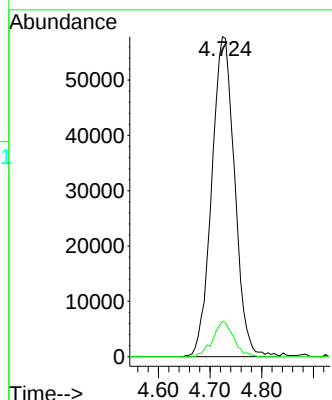
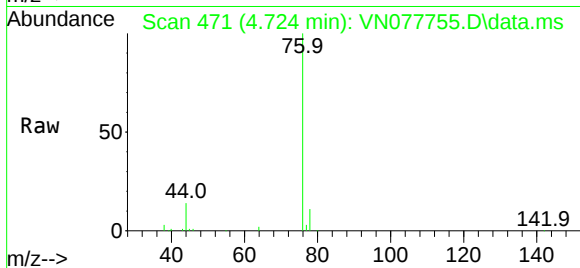
VN0519WBS01

Tgt Ion: 76 Resp: 178378

Ion Ratio Lower Upper

76 100

78 11.0 7.4 11.0



#18

Methyl Acetate

Concen: 17.397 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN077755.D

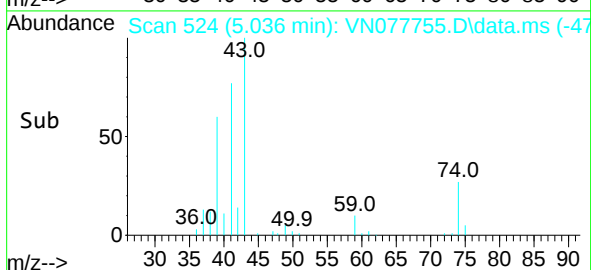
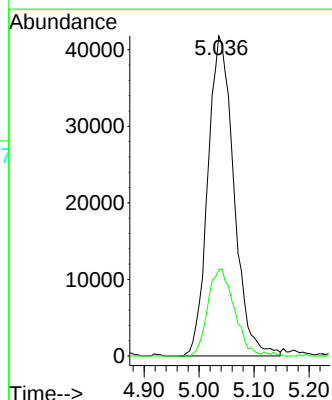
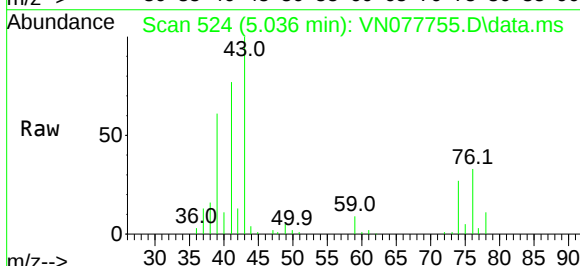
Acq: 19 May 2023 11:30

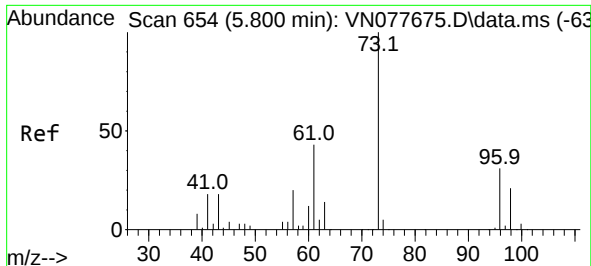
Tgt Ion: 43 Resp: 137625

Ion Ratio Lower Upper

43 100

74 27.3 26.2 39.4

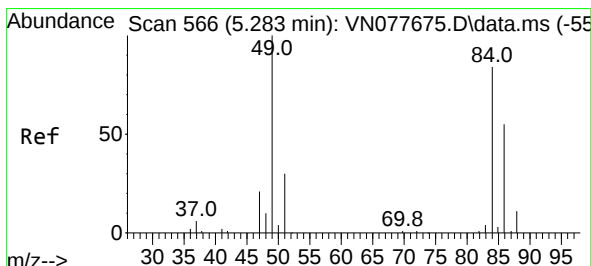
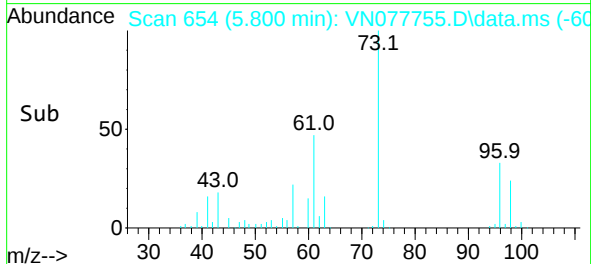
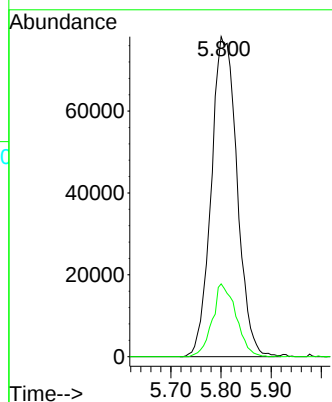
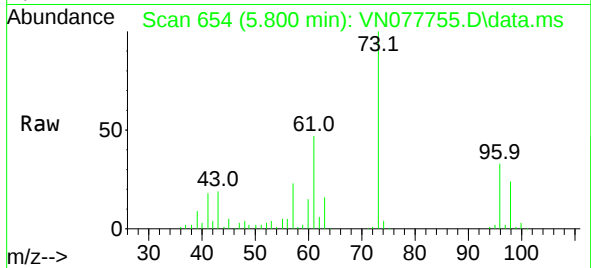




#19
Methyl tert-butyl Ether
Concen: 18.346 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

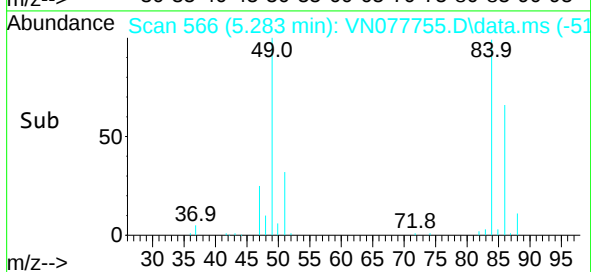
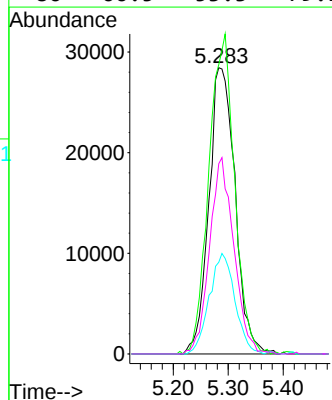
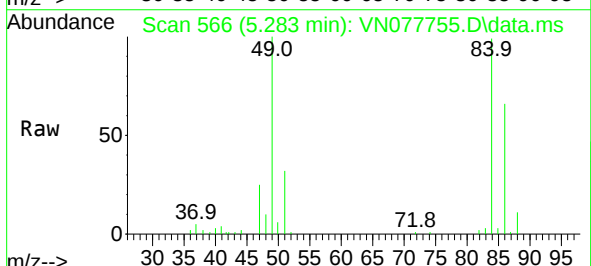
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

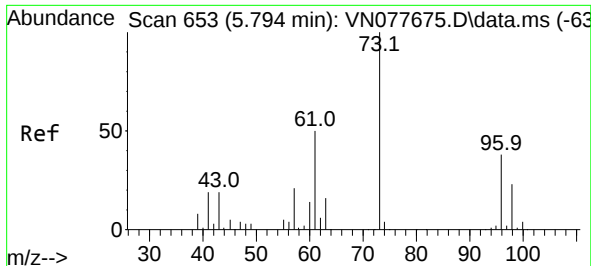
Tgt Ion: 73 Resp: 279781
Ion Ratio Lower Upper
73 100
57 22.7 15.6 23.4



#20
Methylene Chloride
Concen: 17.924 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 84 Resp: 94192
Ion Ratio Lower Upper
84 100
49 101.1 79.7 119.5
51 32.1 25.2 37.8
86 66.5 53.3 79.9

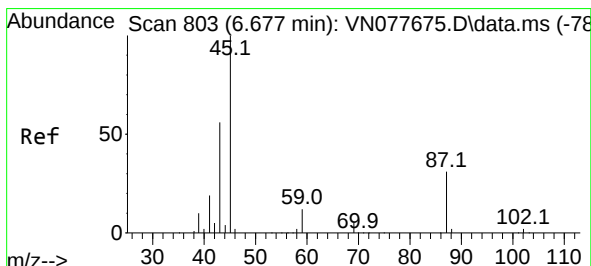
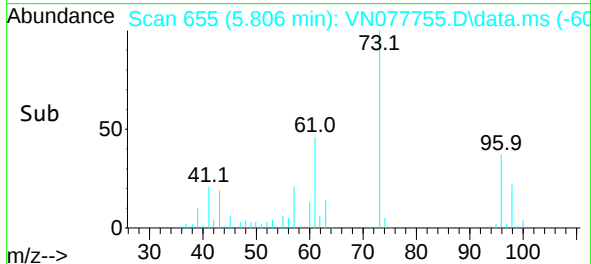
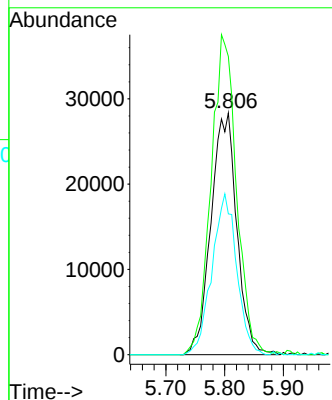
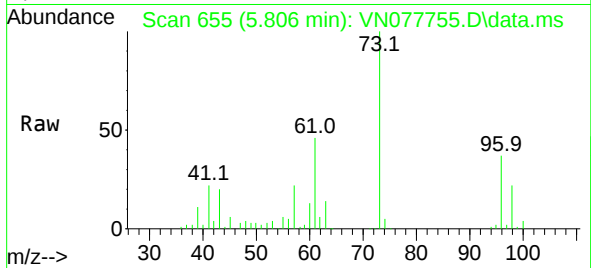




#21
trans-1,2-Dichloroethene
Concen: 18.302 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

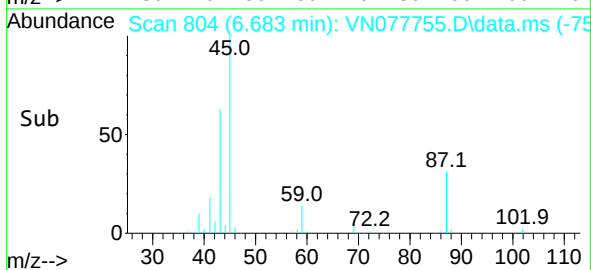
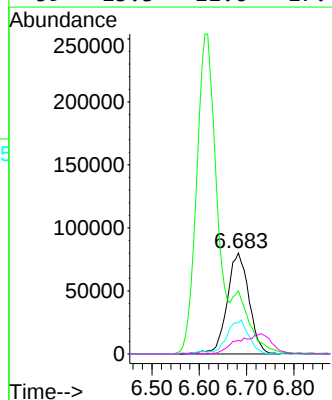
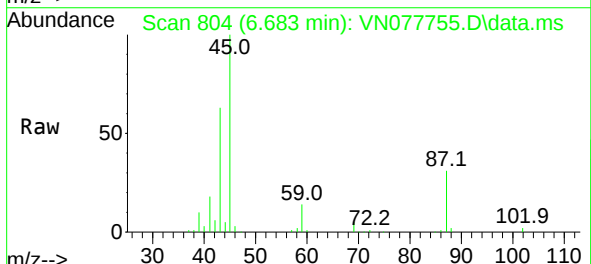
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

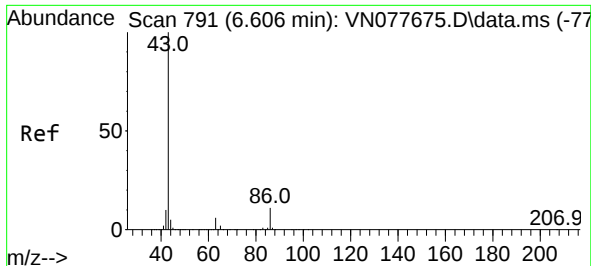
Tgt Ion: 96 Resp: 86618
Ion Ratio Lower Upper
96 100
61 123.3 90.1 135.1
98 58.3 46.4 69.6



#22
Diisopropyl ether
Concen: 17.658 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 45 Resp: 256169
Ion Ratio Lower Upper
45 100
43 60.7 45.5 68.3
87 30.4 31.8 47.8#
59 13.3 11.6 17.4

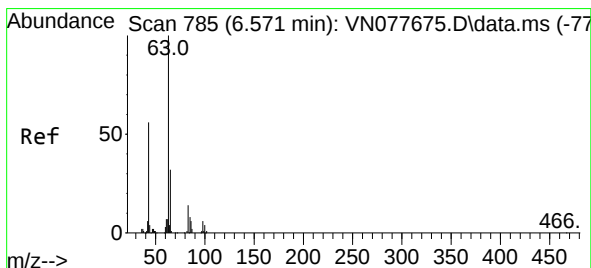
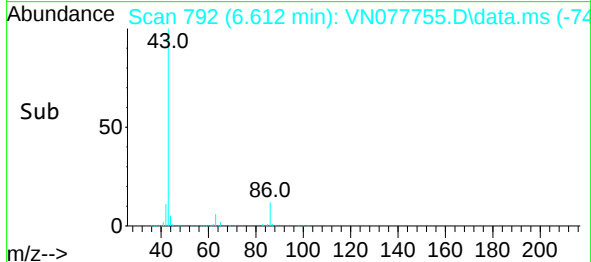
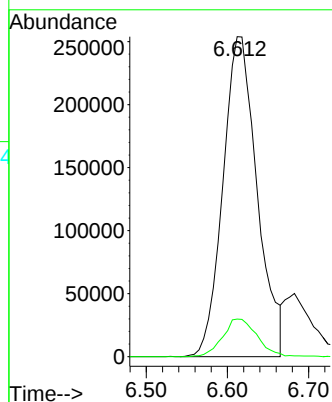
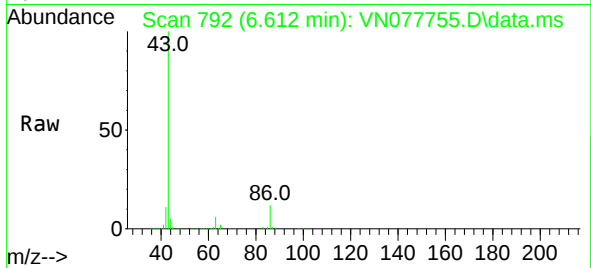




#23
 Vinyl Acetate
 Concen: 82.860 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

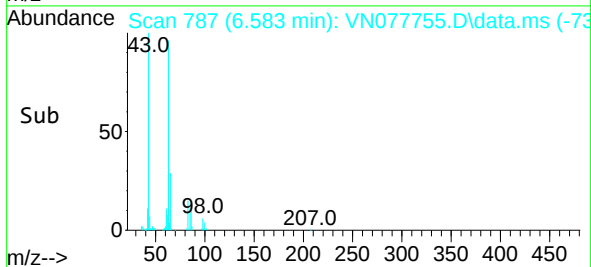
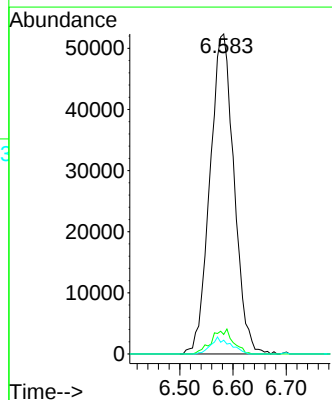
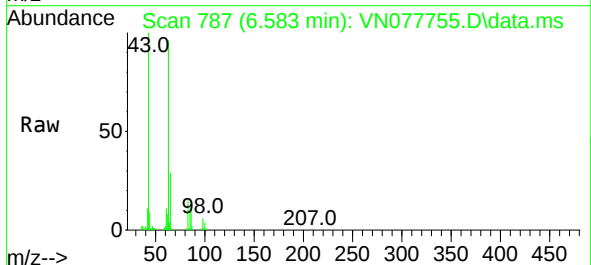
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

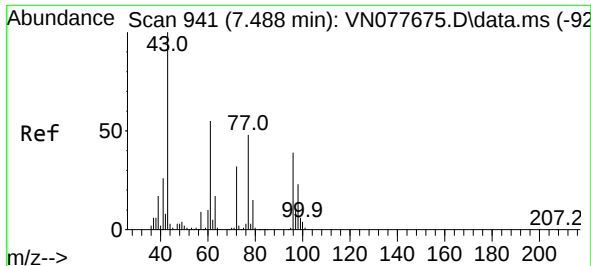
Tgt Ion: 43 Resp: 744790
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 18.479 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.012 min
 Lab File: VN077755.D
 Acq: 19 May 2023 11:30

Tgt Ion: 63 Resp: 164236
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.9 11.7
 100 4.3 2.5 7.4

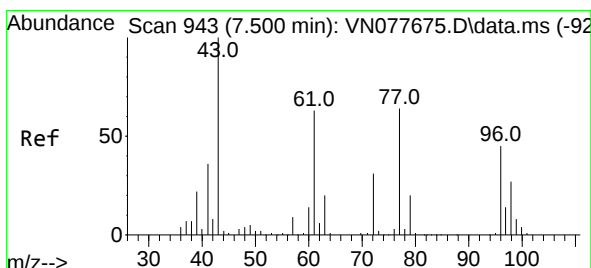
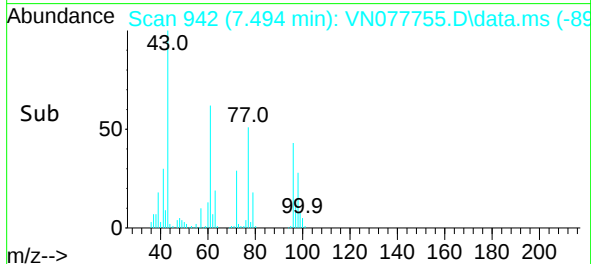
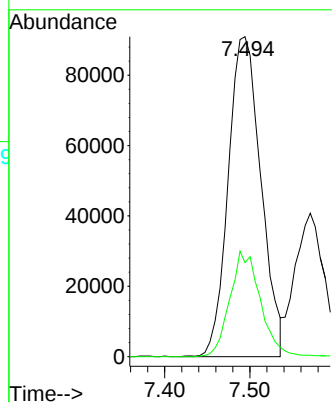
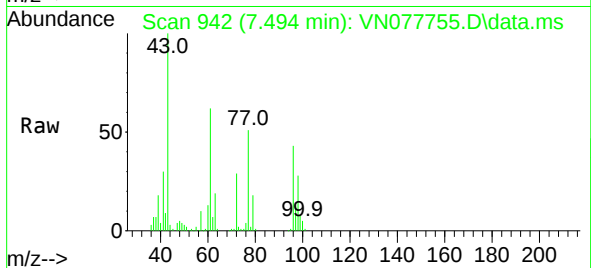




#25
2-Butanone
Concen: 82.252 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

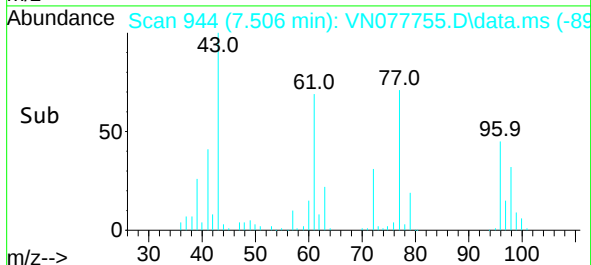
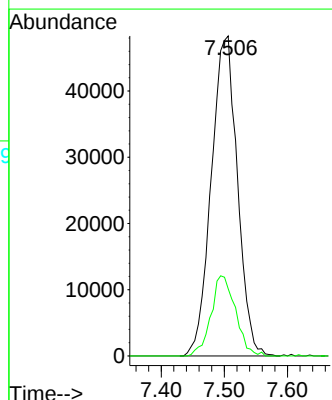
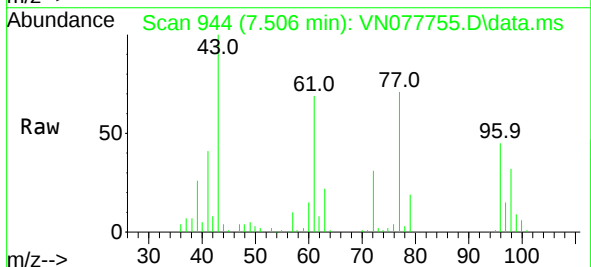
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

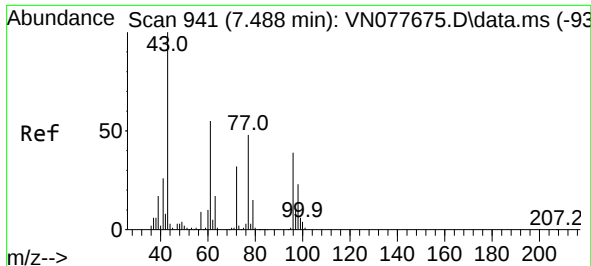
Tgt Ion: 43 Resp: 242625
Ion Ratio Lower Upper
43 100
72 29.4 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.393 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 77 Resp: 138881
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6

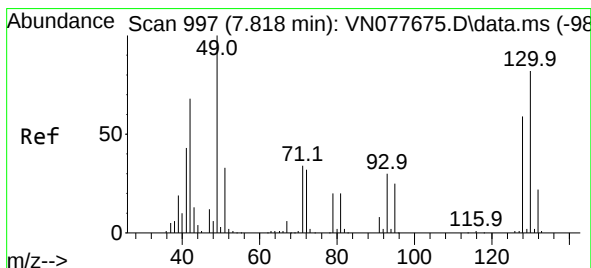
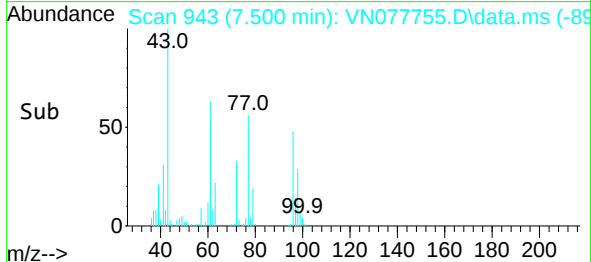
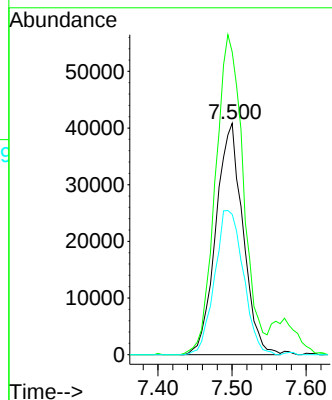
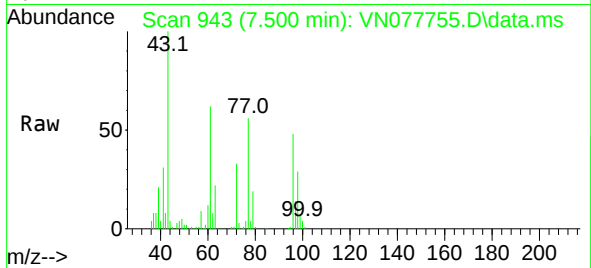




#27
cis-1,2-Dichloroethene
Concen: 18.248 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

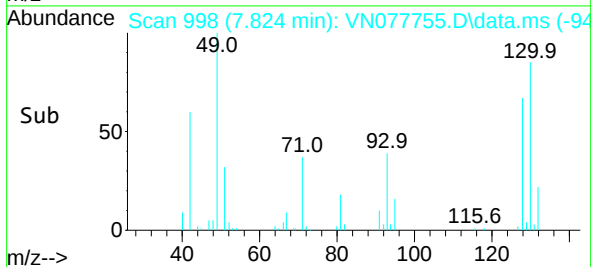
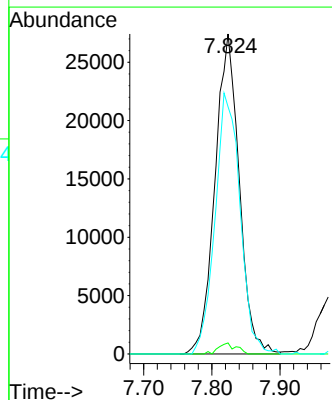
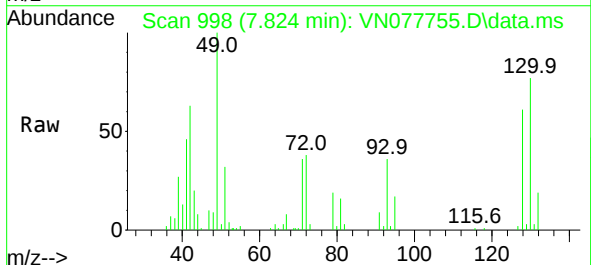
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

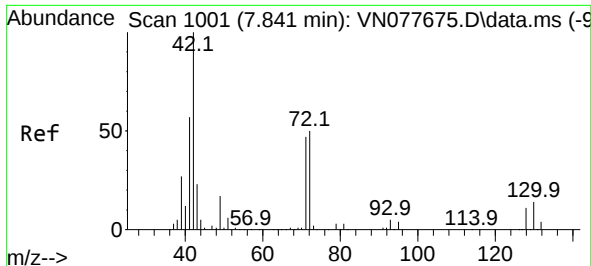
Tgt Ion: 96 Resp: 103550
Ion Ratio Lower Upper
96 100
61 142.8 0.0 255.2
98 66.0 0.0 128.8



#28
Bromochloromethane
Concen: 17.651 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 49 Resp: 67849
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 84.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 81.480 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

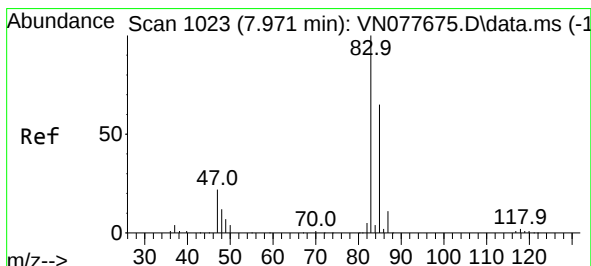
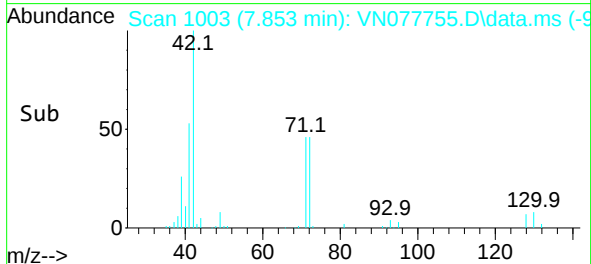
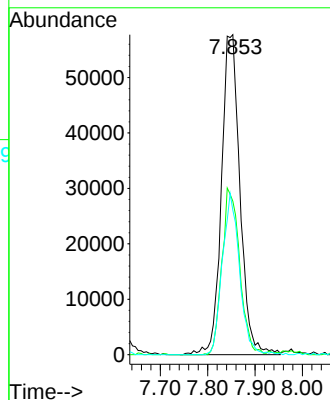
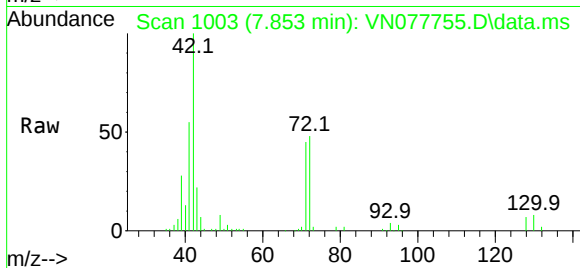
Tgt Ion: 42 Resp: 157378

Ion Ratio Lower Upper

42 100

72 49.8 49.8 74.6#

71 47.0 47.4 71.2#



#30

Chloroform

Concen: 18.114 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077755.D

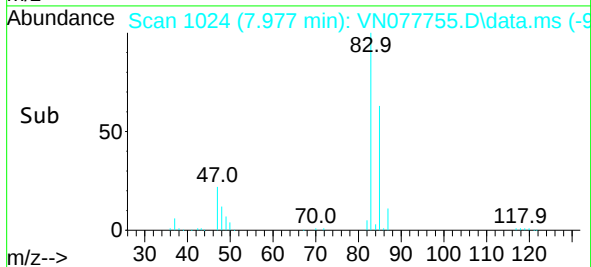
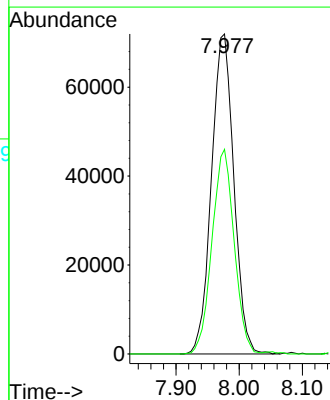
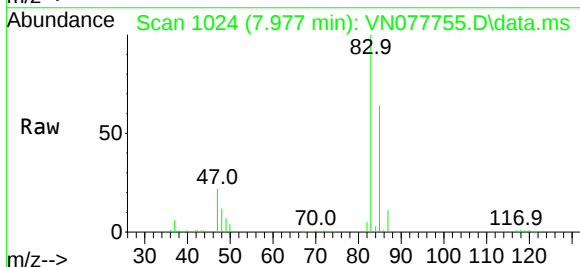
Acq: 19 May 2023 11:30

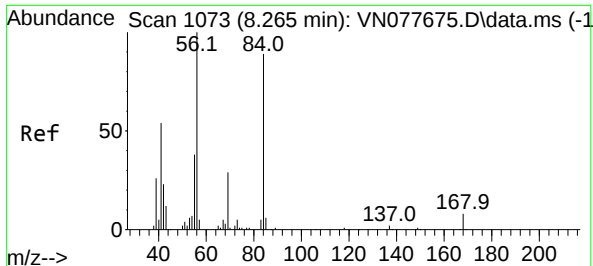
Tgt Ion: 83 Resp: 177099

Ion Ratio Lower Upper

83 100

85 63.9 55.4 83.0

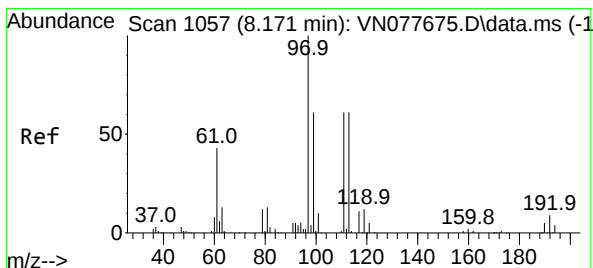
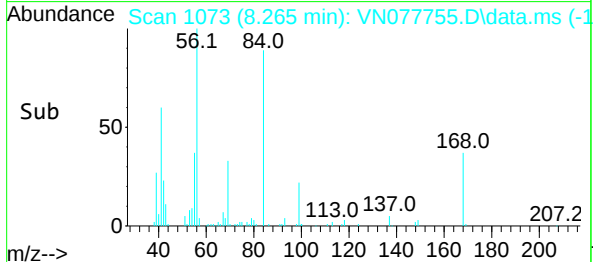
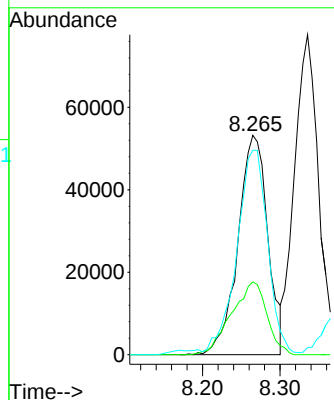
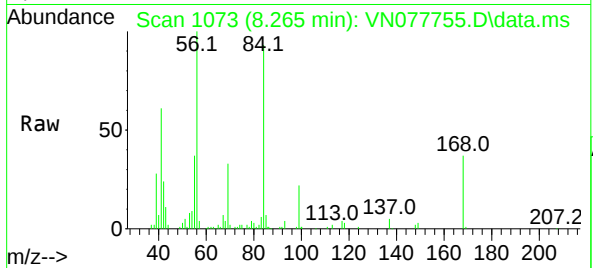




#31
Cyclohexane
Concen: 17.495 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

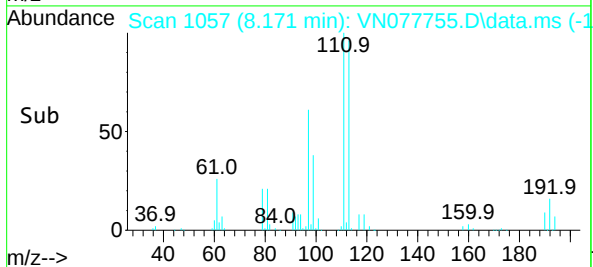
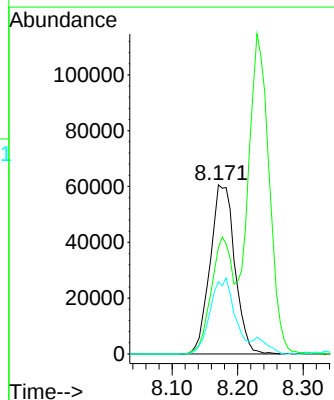
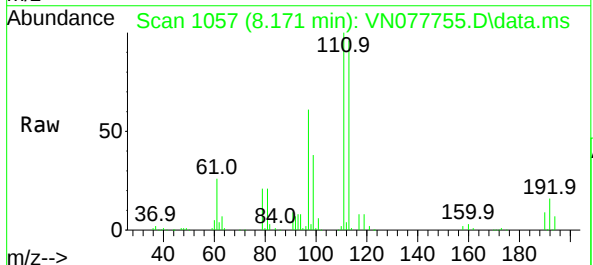
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

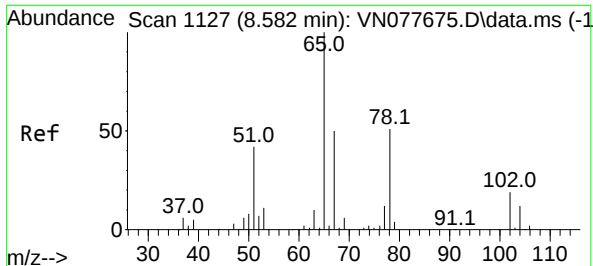
Tgt Ion: 56 Resp: 142520
Ion Ratio Lower Upper
56 100
69 33.2 26.8 40.2
84 91.2 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.051 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 97 Resp: 158358
Ion Ratio Lower Upper
97 100
99 57.7 50.3 75.5
61 44.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.093 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

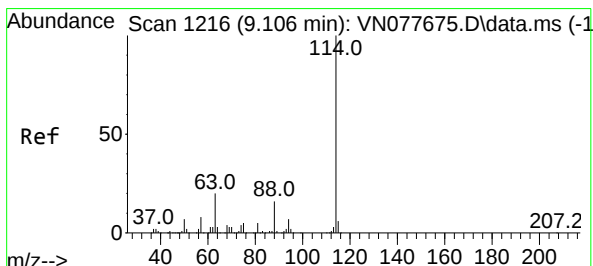
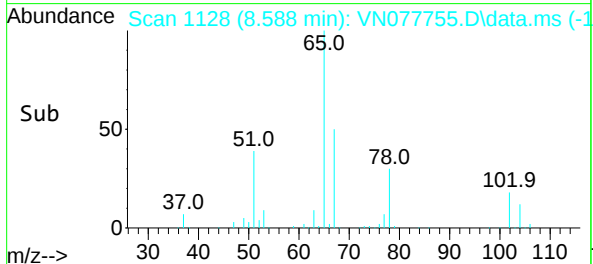
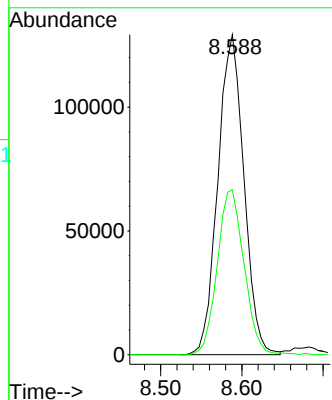
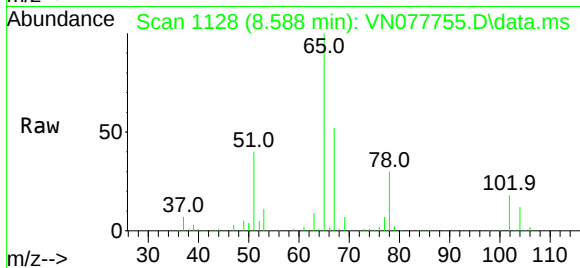
VN0519WBS01

Tgt Ion: 65 Resp: 288251

Ion Ratio Lower Upper

65 100

67 53.0 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: VN077755.D

Acq: 19 May 2023 11:30

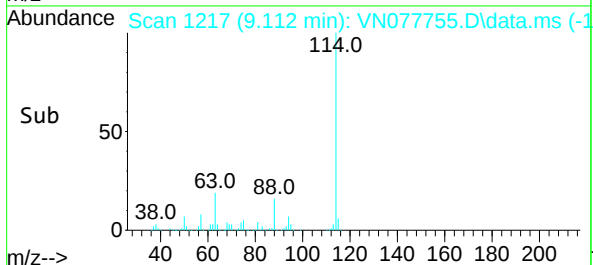
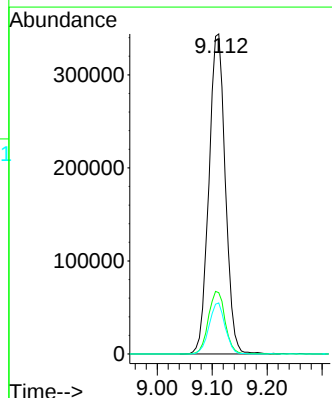
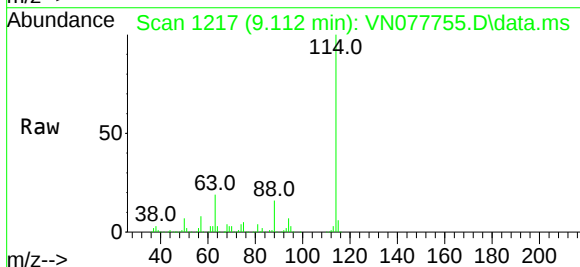
Tgt Ion: 114 Resp: 714369

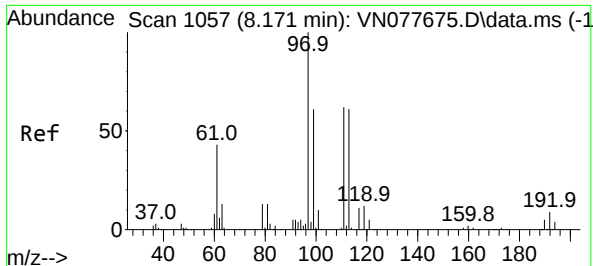
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.204 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

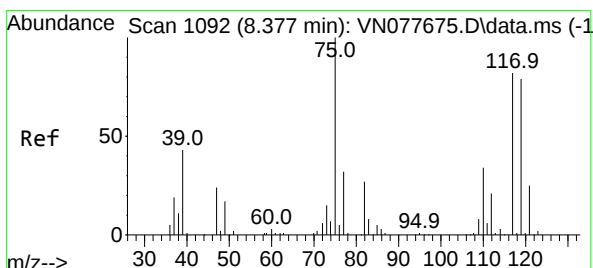
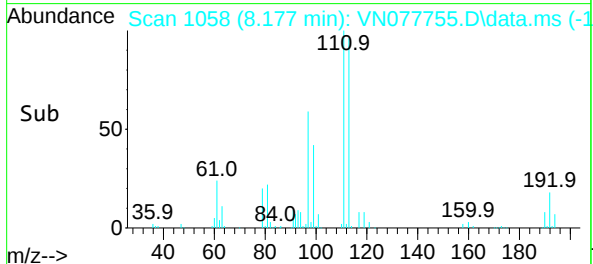
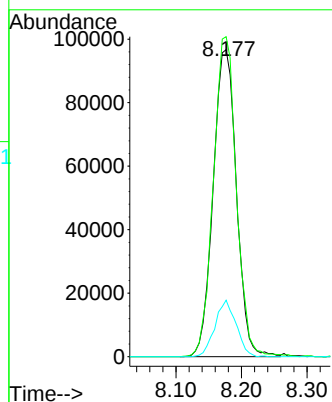
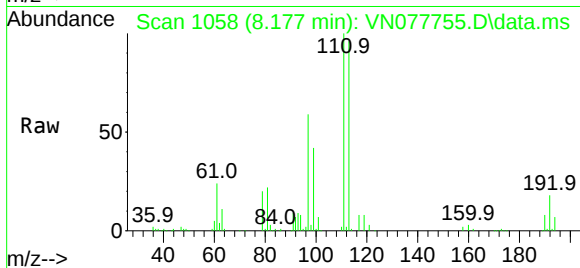
Tgt Ion:113 Resp: 238526

Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.734 ug/l

RT: 8.382 min Scan# 1093

Delta R.T. 0.005 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

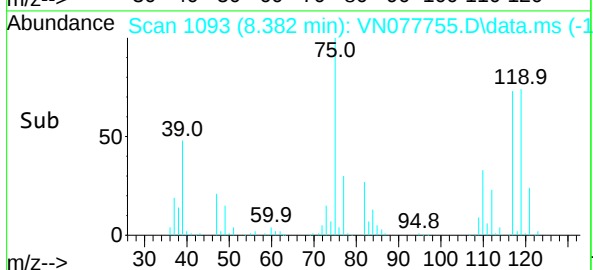
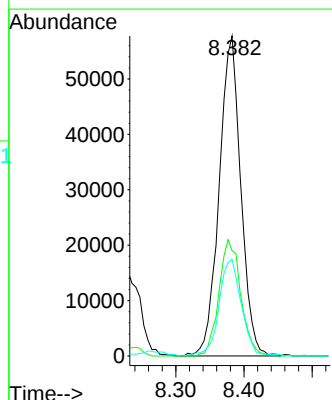
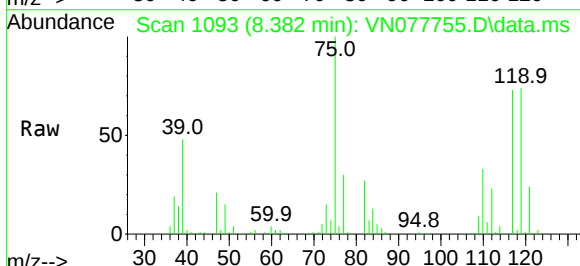
Tgt Ion: 75 Resp: 127643

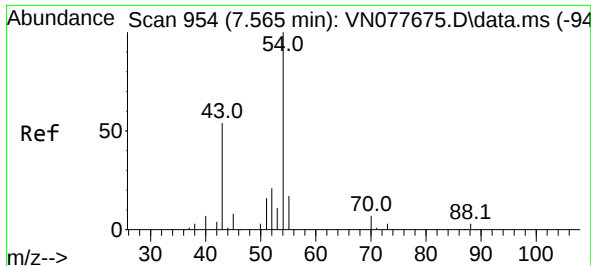
Ion Ratio Lower Upper

75 100

110 36.7 19.1 57.3

77 31.2 25.0 37.4

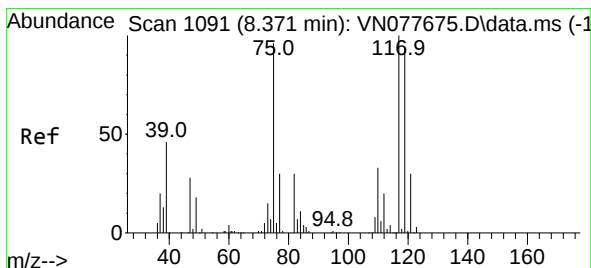
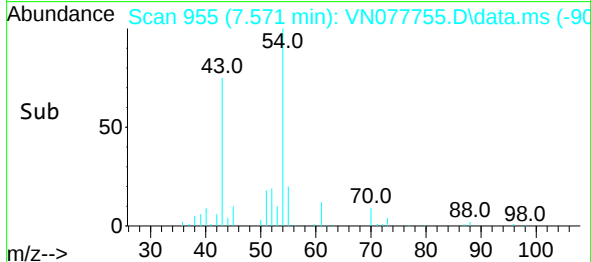
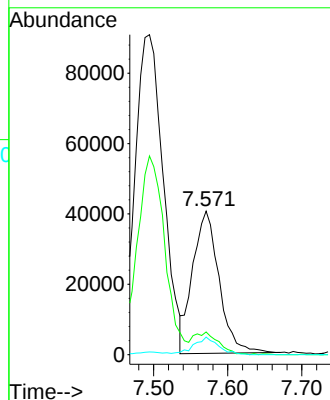
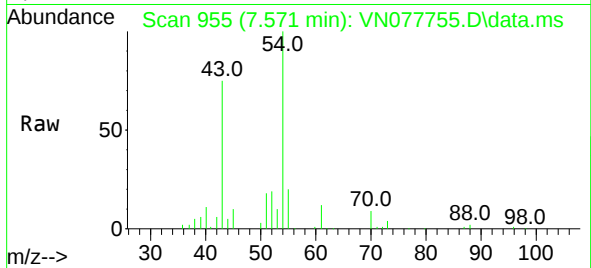




#37
Ethyl Acetate
Concen: 16.497 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

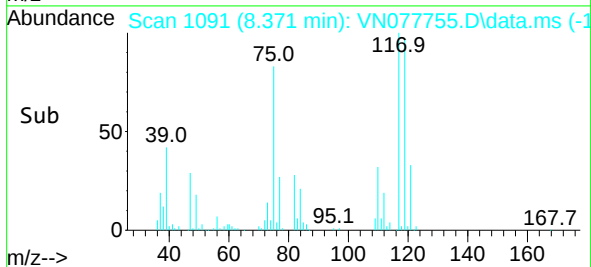
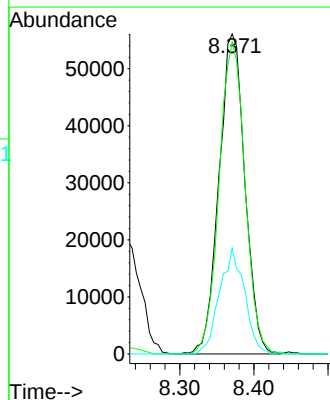
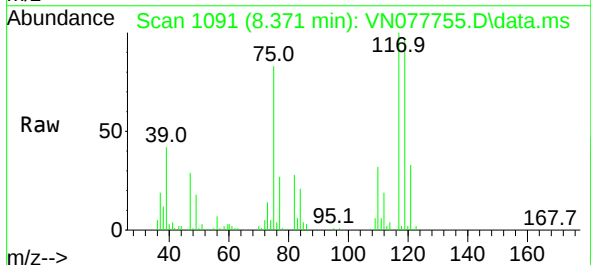
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

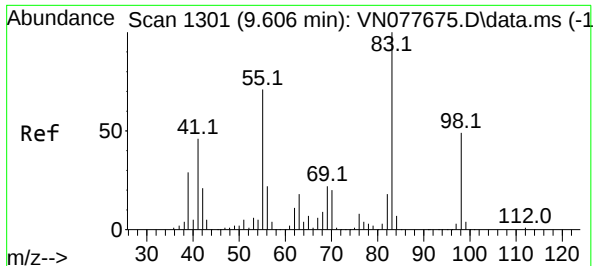
Tgt Ion: 43 Resp: 100183
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 11.5 11.3 16.9



#38
Carbon Tetrachloride
Concen: 19.781 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:117 Resp: 136097
Ion Ratio Lower Upper
117 100
119 97.5 77.3 115.9
121 33.1 23.3 34.9





#39

Methylcyclohexane

Concen: 18.341 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

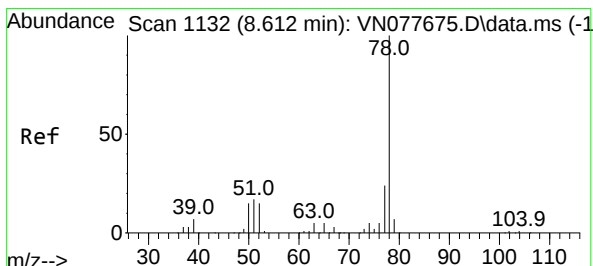
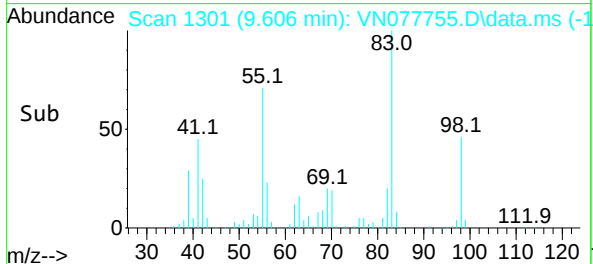
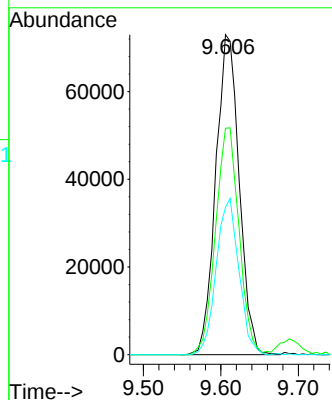
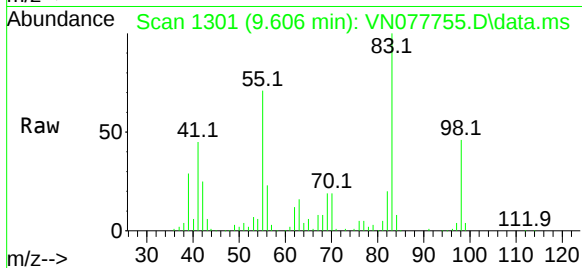
Tgt Ion: 83 Resp: 152990

Ion Ratio Lower Upper

83 100

55 70.7 49.1 73.7

98 46.1 40.6 61.0



#40

Benzene

Concen: 19.230 ug/l

RT: 8.618 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VN077755.D

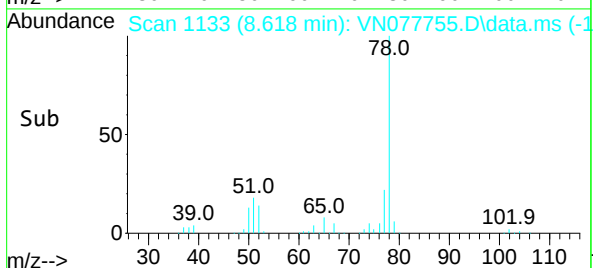
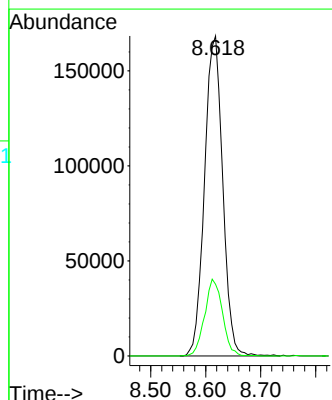
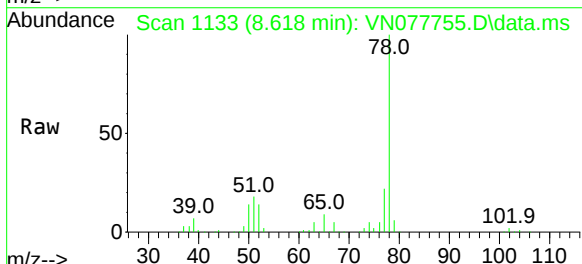
Acq: 19 May 2023 11:30

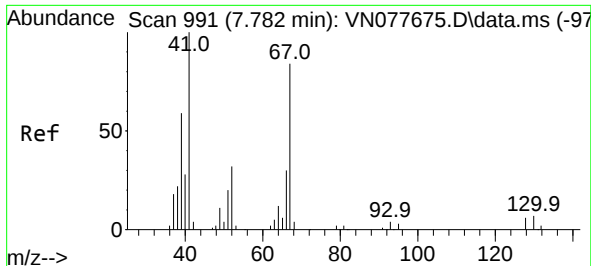
Tgt Ion: 78 Resp: 386643

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.6

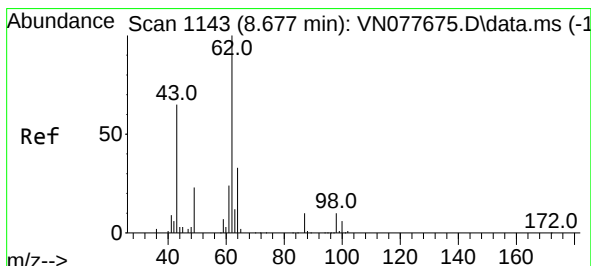
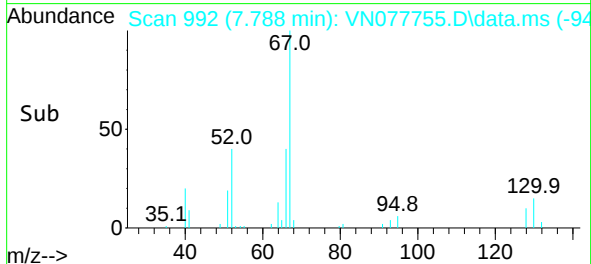
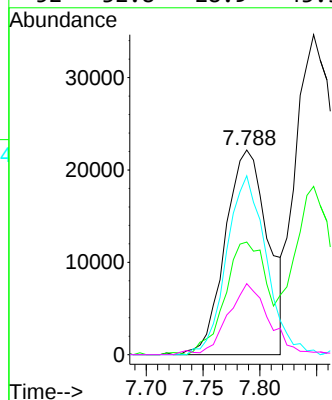
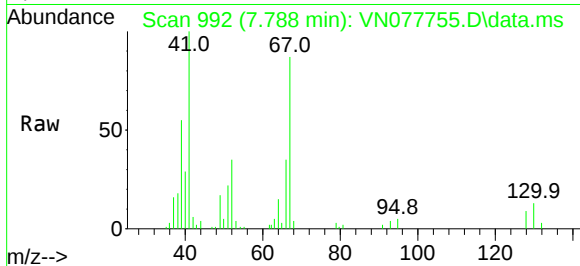




#41
Methacrylonitrile
Concen: 18.008 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

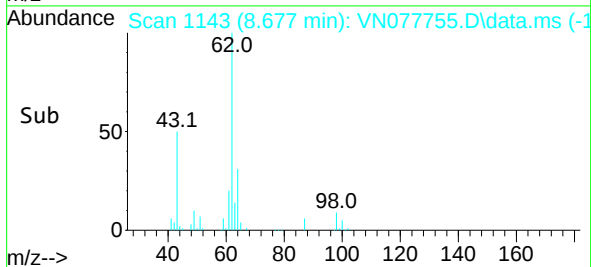
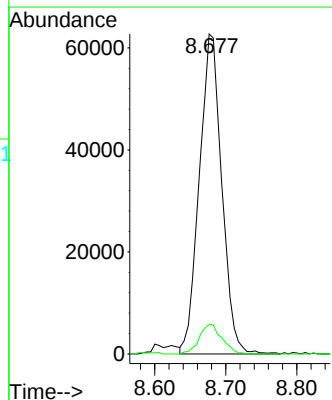
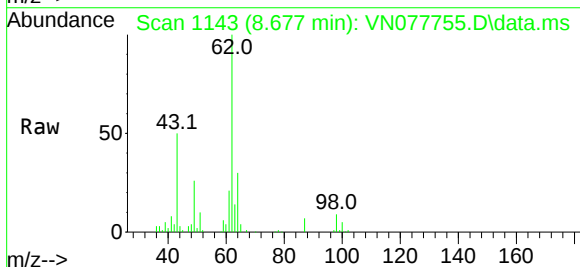
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

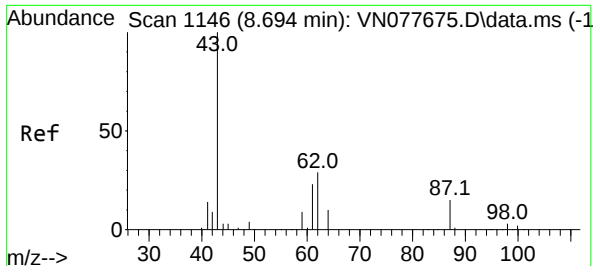
Tgt Ion:	41	Resp:	58242
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.6	64.0
67	80.6	77.5	116.3
52	32.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.898 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:	62	Resp:	138030
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.8

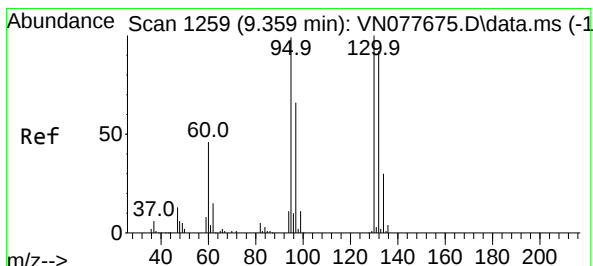
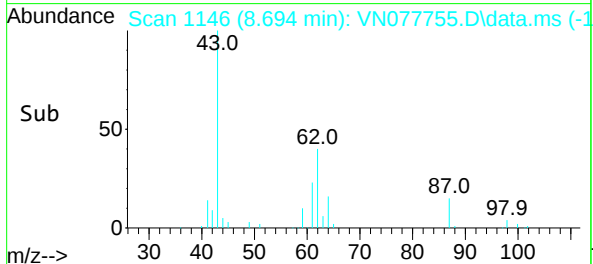
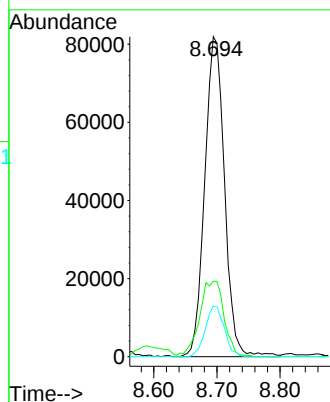
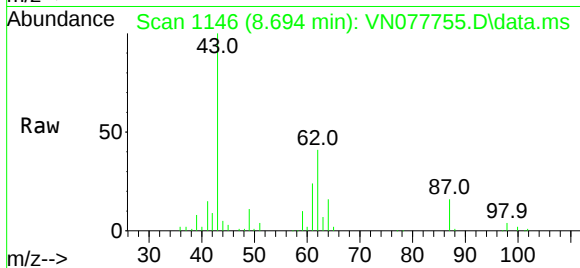




#43
Isopropyl Acetate
Concen: 18.007 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

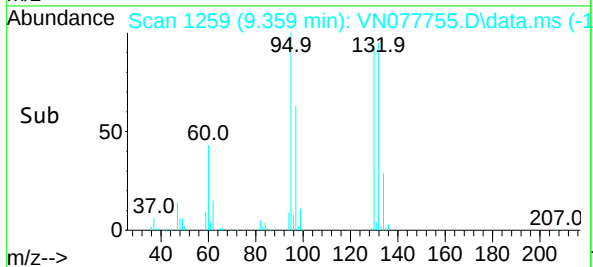
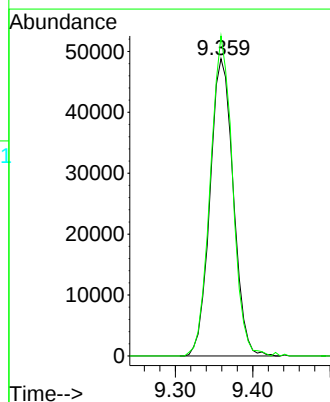
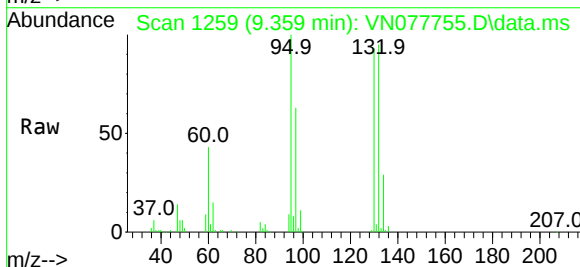
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

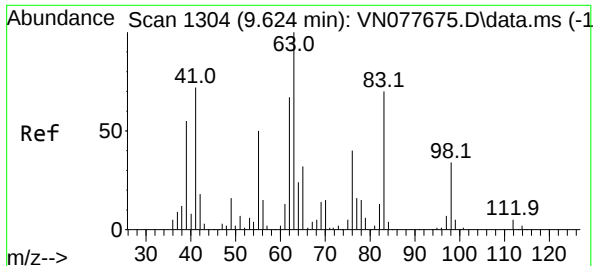
Tgt Ion: 43 Resp: 178618
Ion Ratio Lower Upper
43 100
61 29.2 24.7 37.1
87 15.1 14.6 21.8



#44
Trichloroethene
Concen: 20.004 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:130 Resp: 101845
Ion Ratio Lower Upper
130 100
95 107.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.674 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

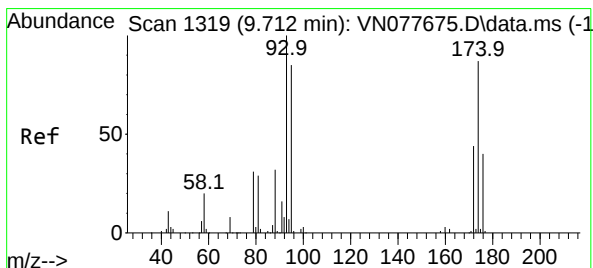
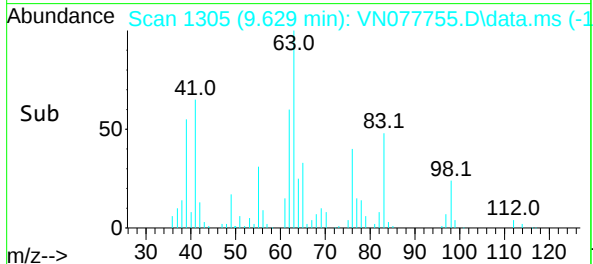
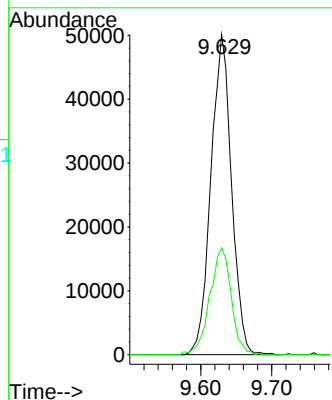
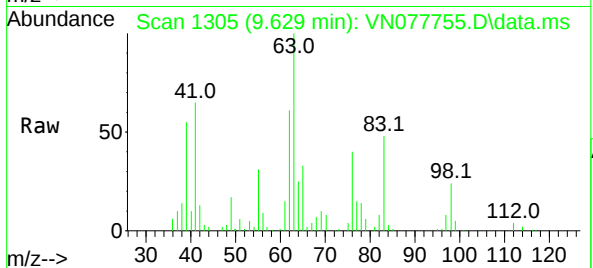
VN0519WBS01

Tgt Ion: 63 Resp: 100898

Ion Ratio Lower Upper

63 100

65 33.4 23.9 35.9



#46

Dibromomethane

Concen: 18.018 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

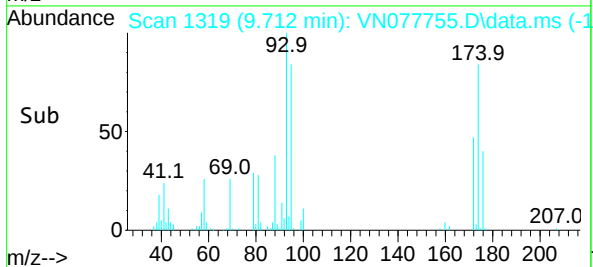
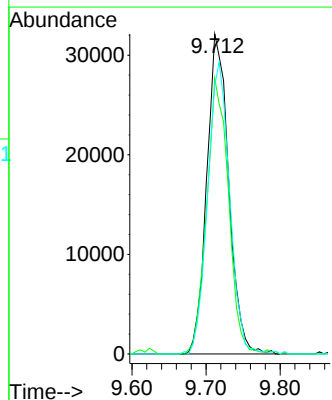
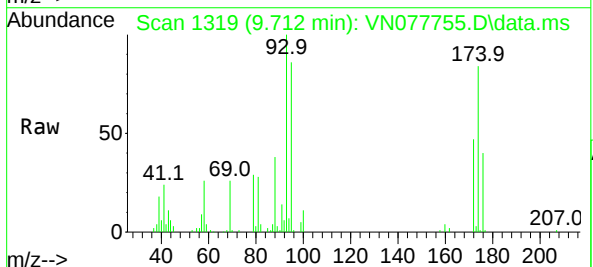
Tgt Ion: 93 Resp: 66123

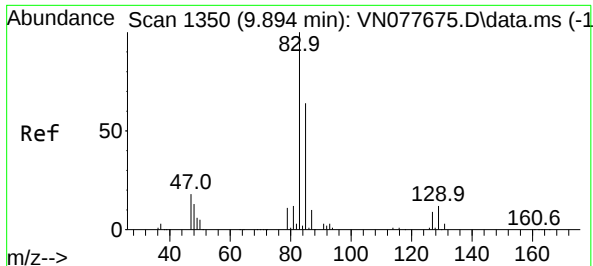
Ion Ratio Lower Upper

93 100

95 85.7 63.8 95.8

174 91.8 65.6 98.4

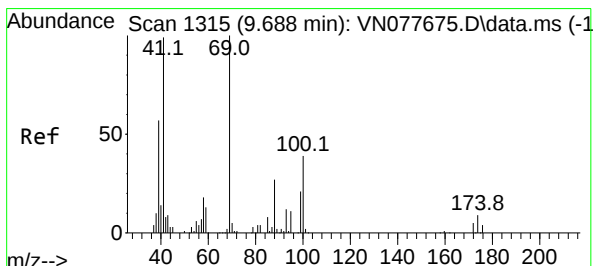
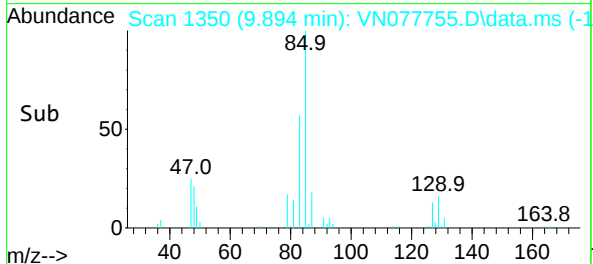
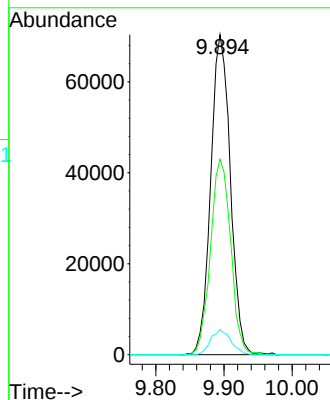
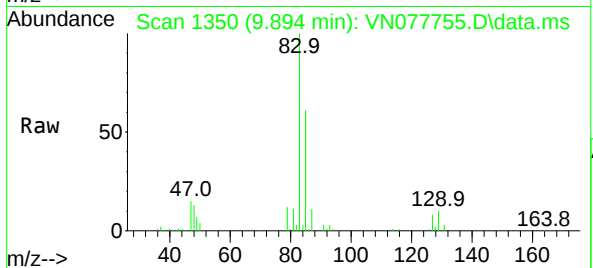




#47
Bromodichloromethane
Concen: 20.048 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

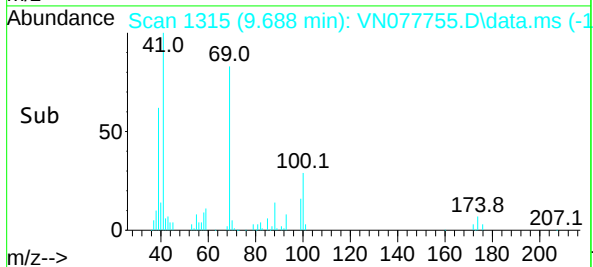
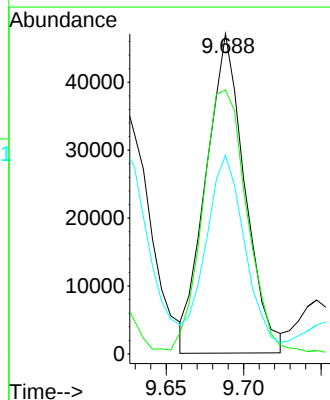
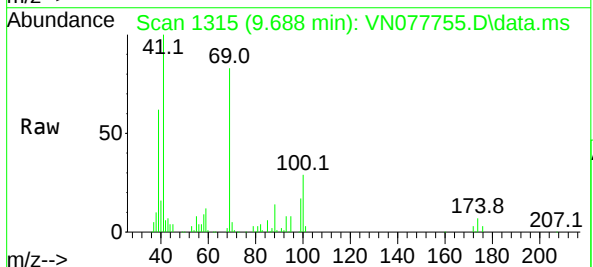
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

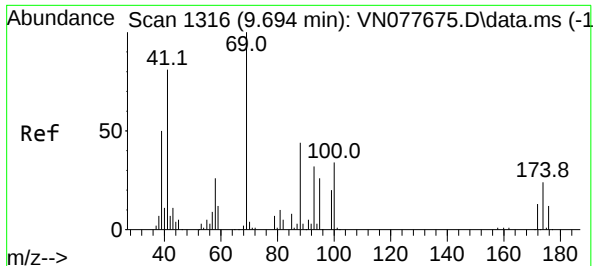
Tgt Ion: 83 Resp: 140858
Ion Ratio Lower Upper
83 100
85 61.1 49.6 74.4
127 7.8 7.0 10.6



#48
Methyl methacrylate
Concen: 17.416 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 41 Resp: 81906
Ion Ratio Lower Upper
41 100
69 94.3 90.4 135.6
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 343.395 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

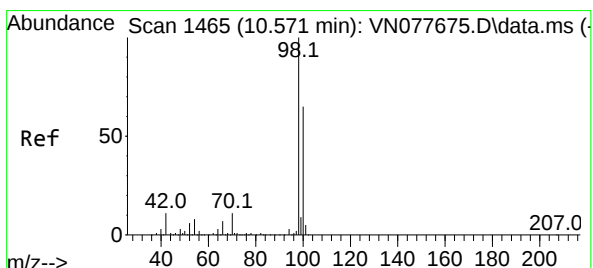
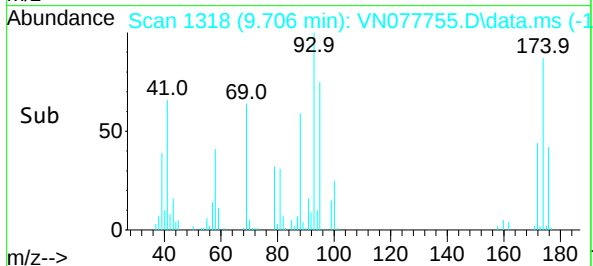
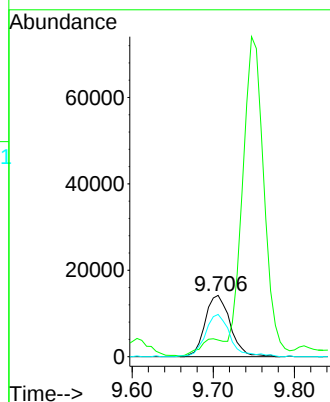
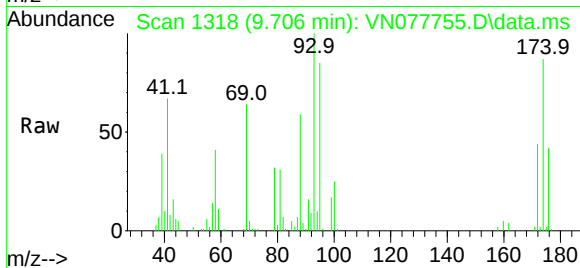
Tgt Ion: 88 Resp: 30503

Ion Ratio Lower Upper

88 100

43 25.4 17.0 25.6

58 69.0 47.0 70.4



#50

Toluene-d8

Concen: 50.233 ug/l

RT: 10.576 min Scan# 1466

Delta R.T. 0.005 min

Lab File: VN077755.D

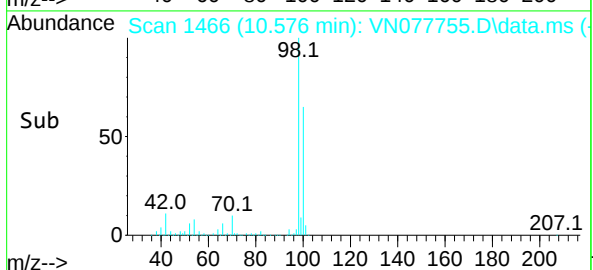
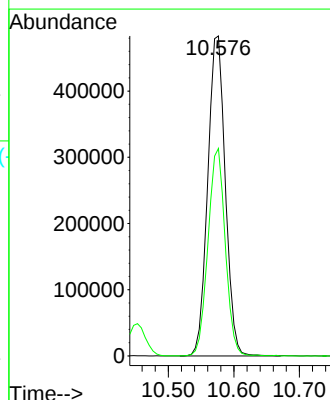
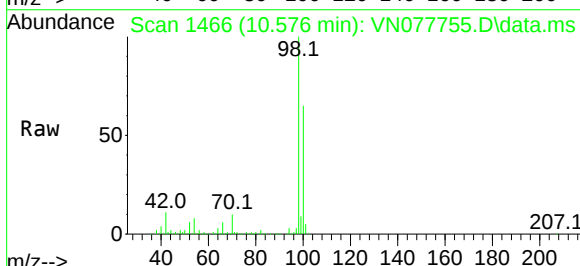
Acq: 19 May 2023 11:30

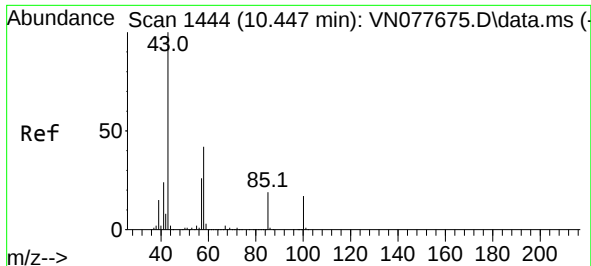
Tgt Ion: 98 Resp: 900690

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

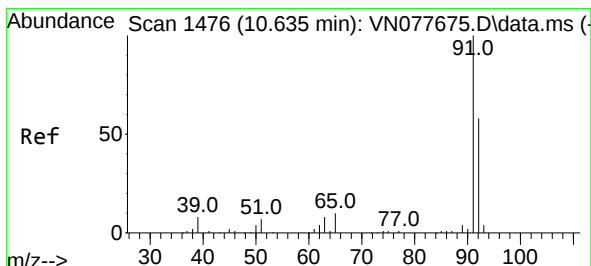
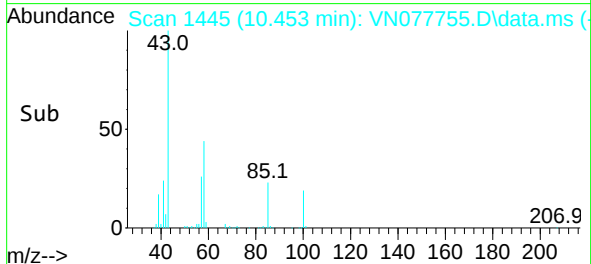
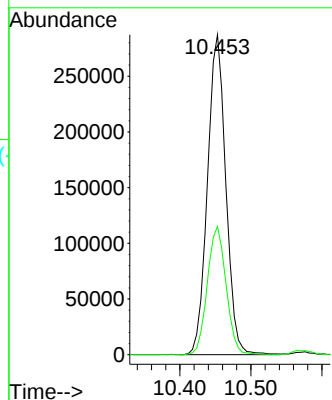
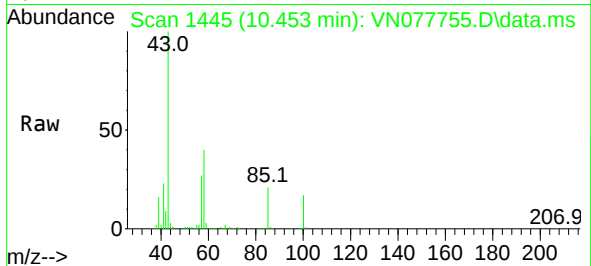




#51
4-Methyl-2-Pentanone
Concen: 87.639 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

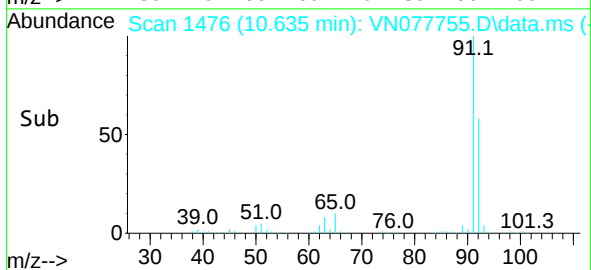
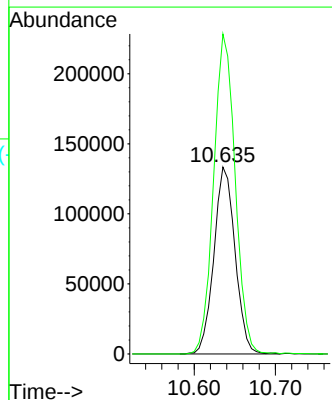
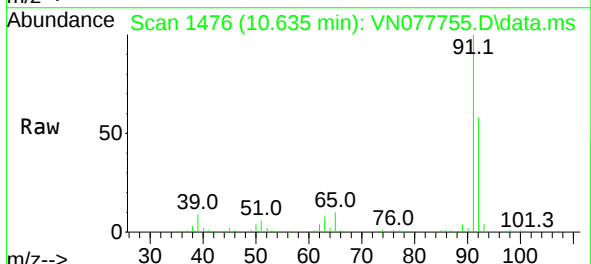
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

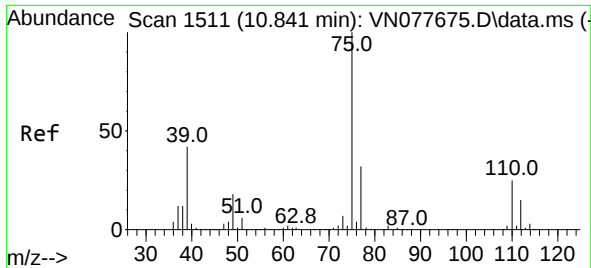
Tgt Ion: 43 Resp: 516743
Ion Ratio Lower Upper
43 100
58 40.8 36.6 54.8



#52
Toluene
Concen: 19.337 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 92 Resp: 242041
Ion Ratio Lower Upper
92 100
91 174.5 137.4 206.0

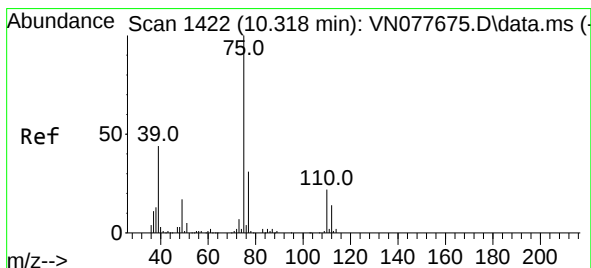
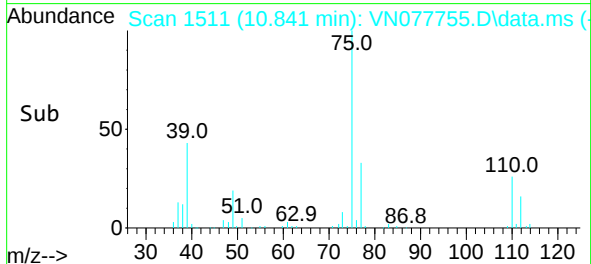
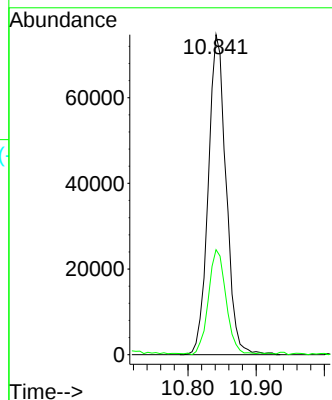
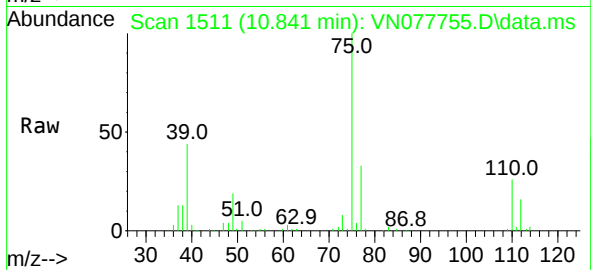




#53
t-1,3-Dichloropropene
Concen: 18.289 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

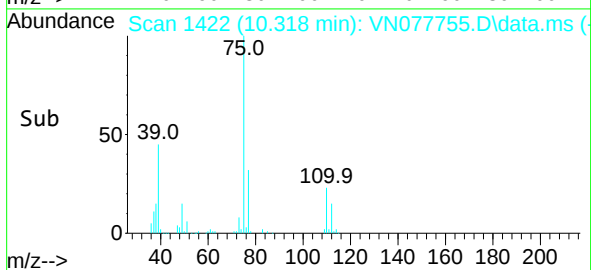
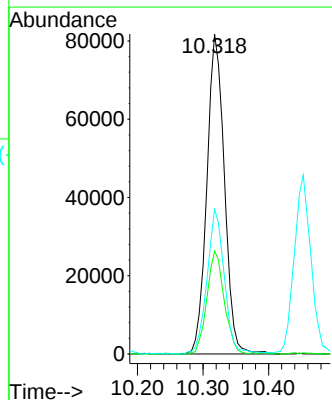
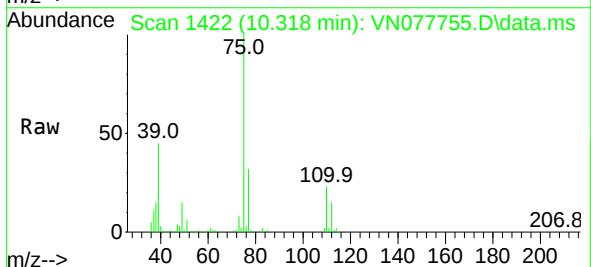
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

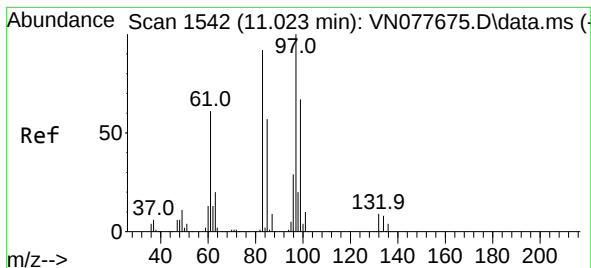
Tgt Ion: 75 Resp: 136075
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 18.560 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 75 Resp: 152178
Ion Ratio Lower Upper
75 100
77 32.2 26.1 39.1
39 45.2 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.739 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 97 Resp: 98106

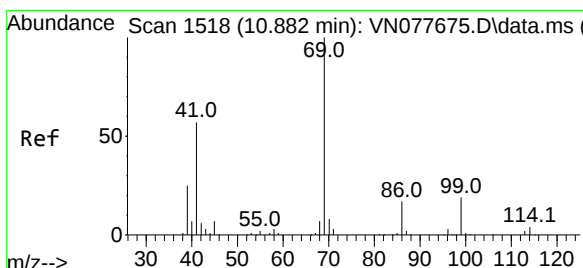
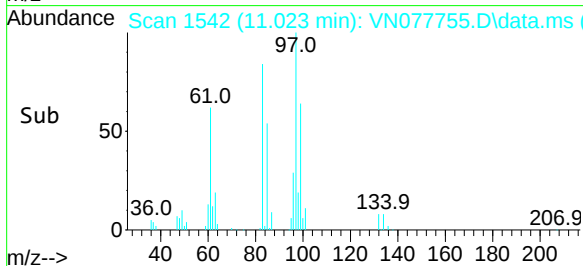
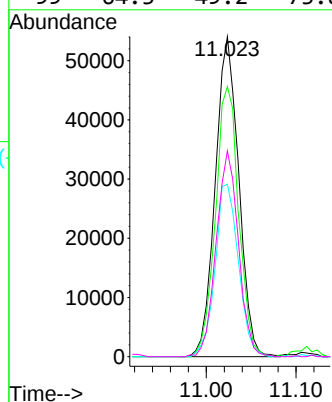
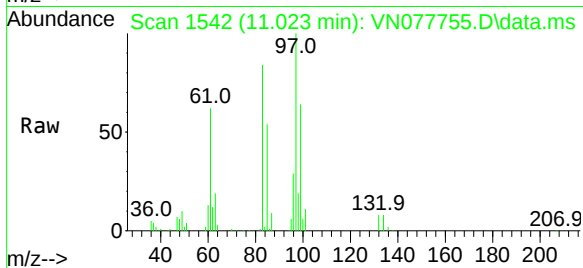
Ion Ratio Lower Upper

97 100

83 84.4 65.1 97.7

85 53.9 43.4 65.2

99 64.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 17.915 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

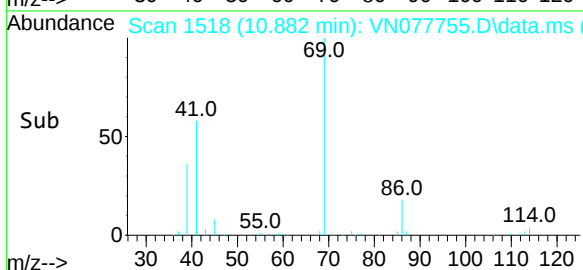
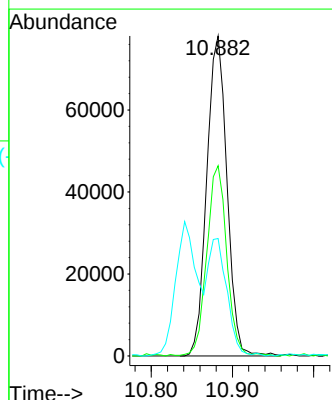
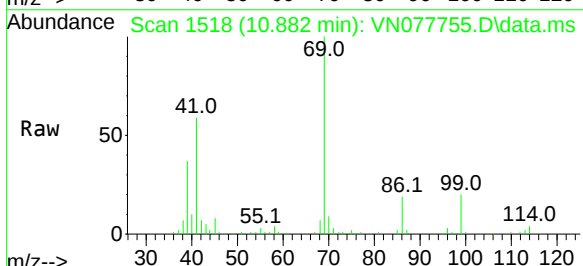
Tgt Ion: 69 Resp: 134629

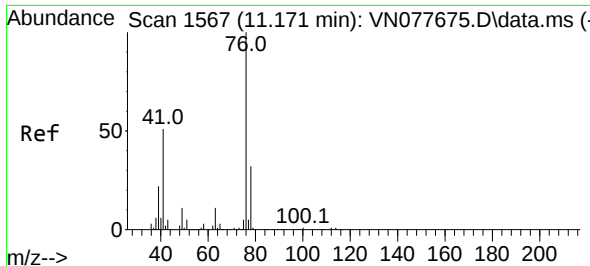
Ion Ratio Lower Upper

69 100

41 59.2 39.6 59.4

39 34.1 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.006 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

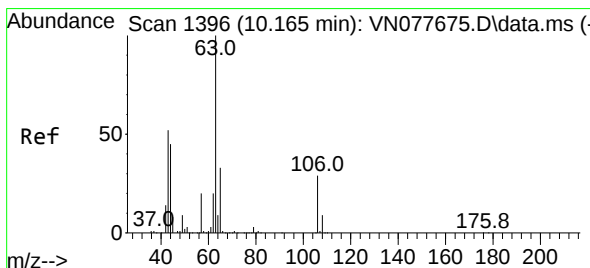
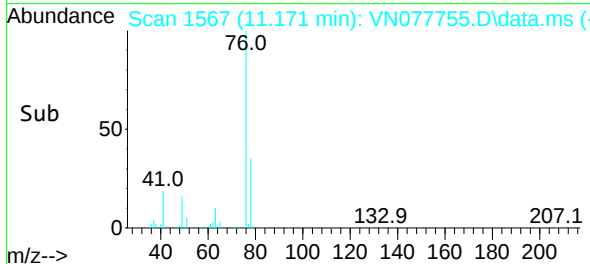
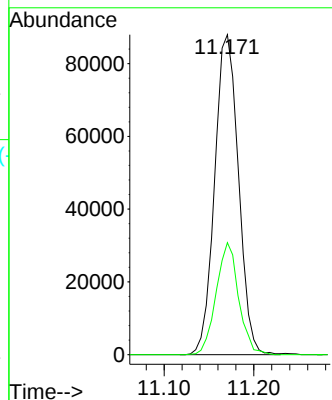
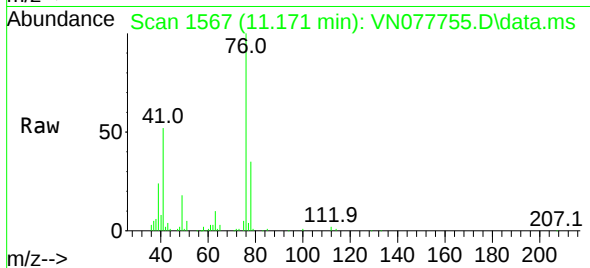
VN0519WBS01

Tgt Ion: 76 Resp: 161940

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 88.204 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077755.D

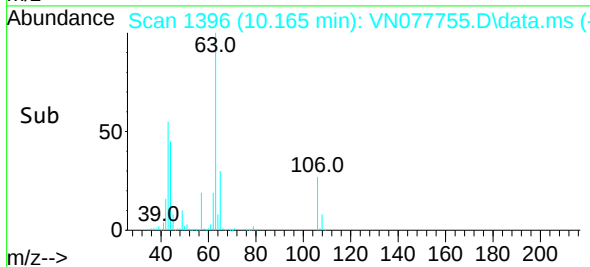
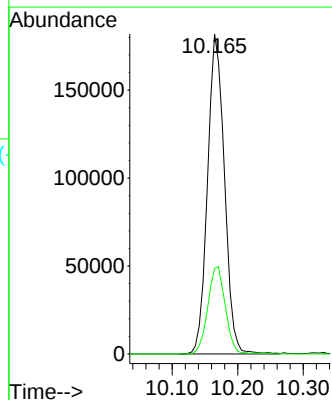
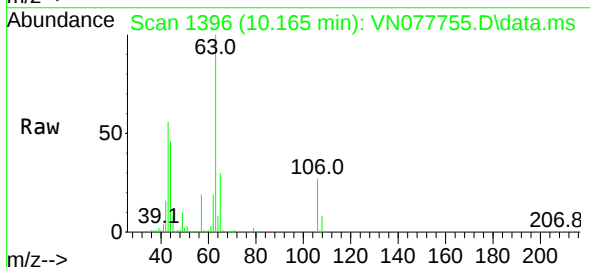
Acq: 19 May 2023 11:30

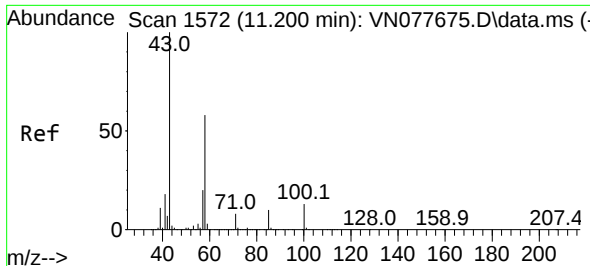
Tgt Ion: 63 Resp: 326088

Ion Ratio Lower Upper

63 100

106 28.4 26.2 39.4

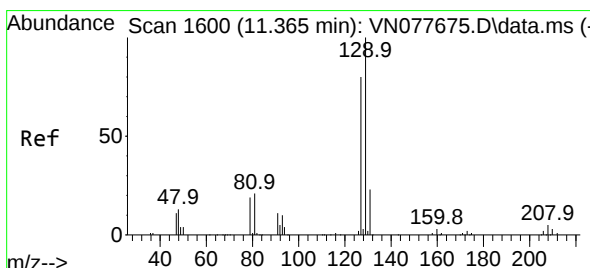
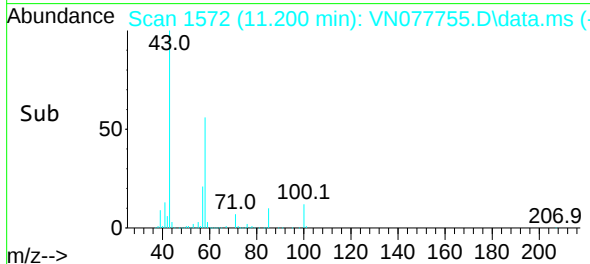
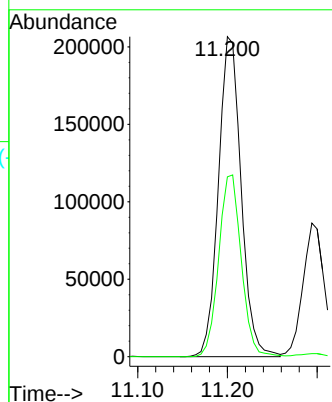
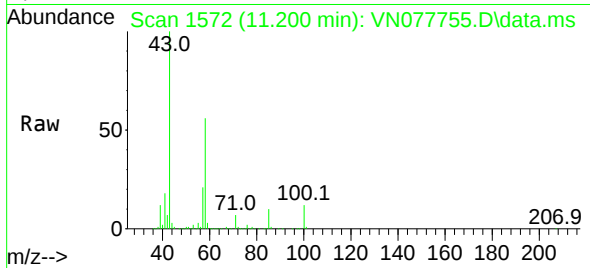




#59
2-Hexanone
Concen: 83.267 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

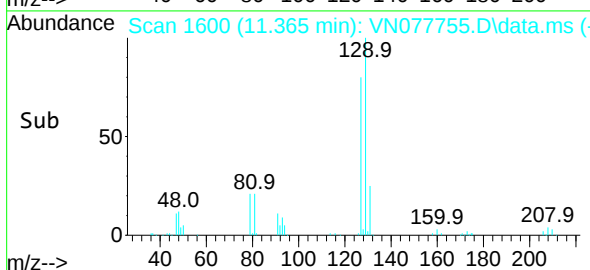
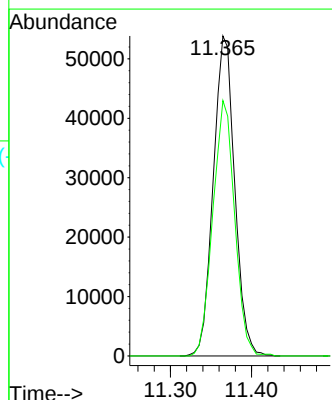
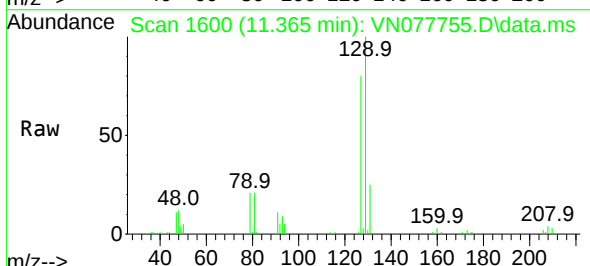
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

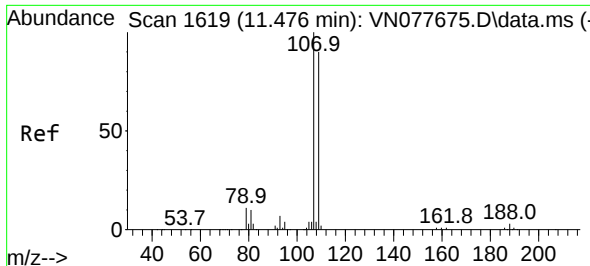
Tgt Ion: 43 Resp: 363146
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1



#60
Dibromochloromethane
Concen: 19.266 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 129 Resp: 98850
Ion Ratio Lower Upper
129 100
127 81.3 38.6 116.0

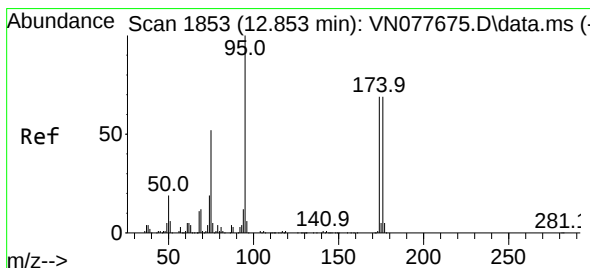
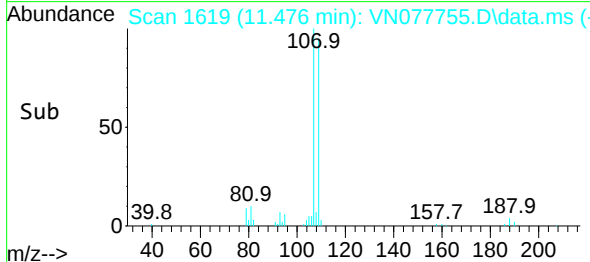
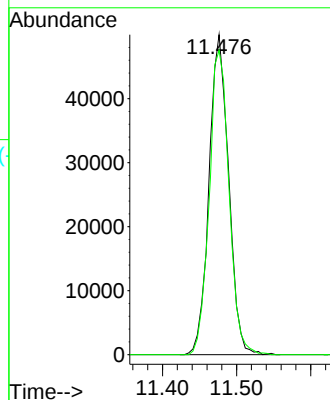
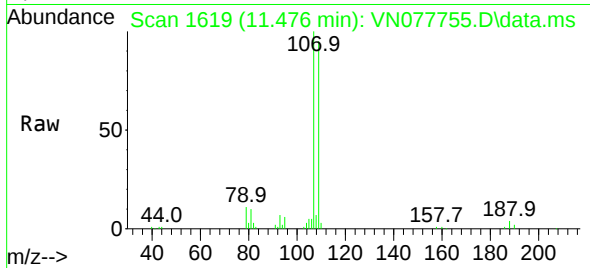




#61
1,2-Dibromoethane
Concen: 18.494 ug/l
RT: 11.476 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

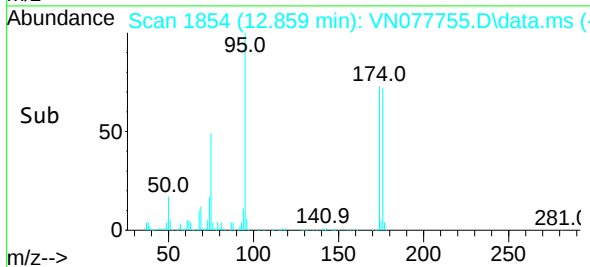
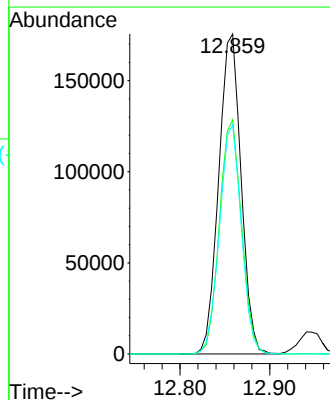
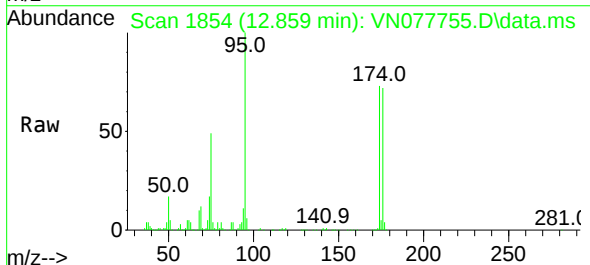
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

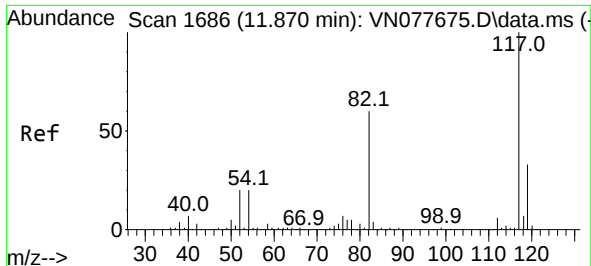
Tgt Ion:107 Resp: 91696
Ion Ratio Lower Upper
107 100
109 96.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 47.993 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 95 Resp: 303920
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 70.0 0.0 135.8

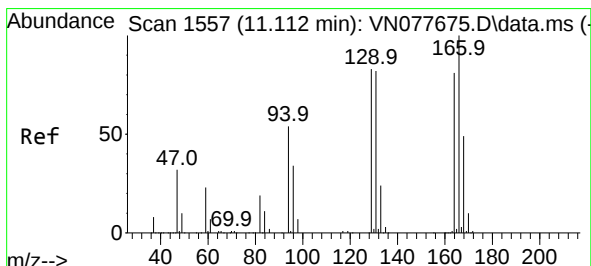
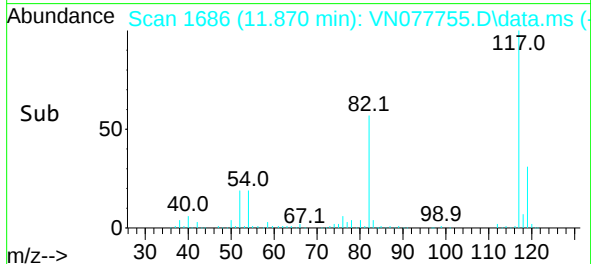
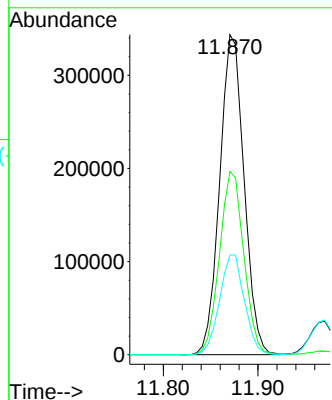
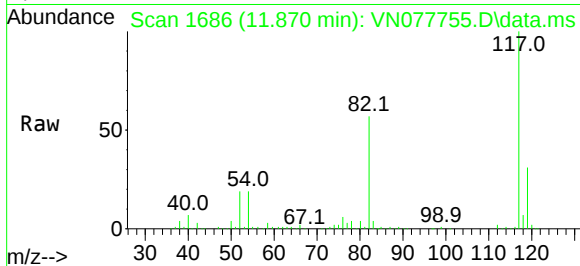




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

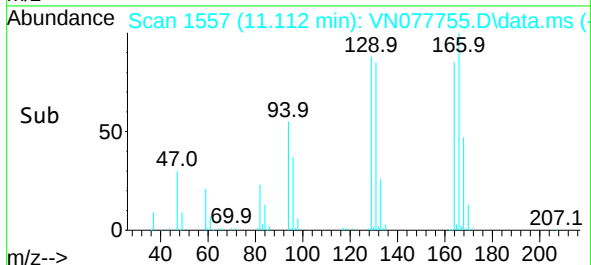
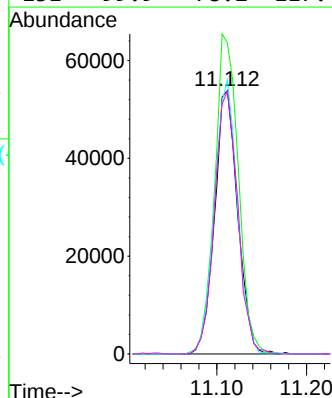
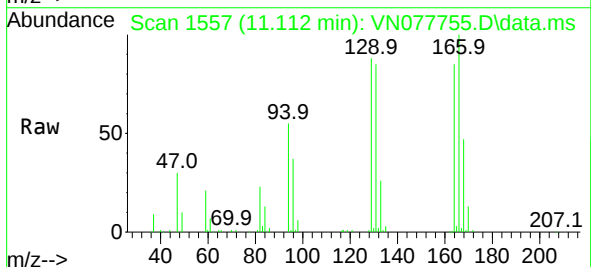
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

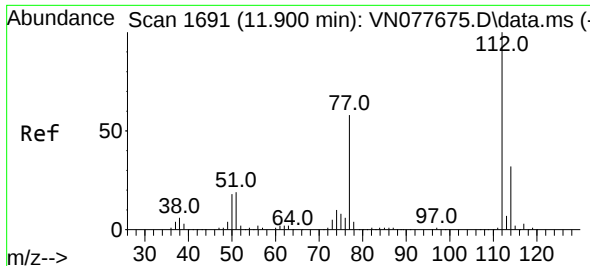
Tgt Ion:117 Resp: 614167
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.1 25.6 38.4



#64
Tetrachloroethene
Concen: 22.461 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:164 Resp: 96469
Ion Ratio Lower Upper
164 100
166 118.1 101.4 152.0
129 104.1 82.4 123.6
131 99.9 78.2 117.4

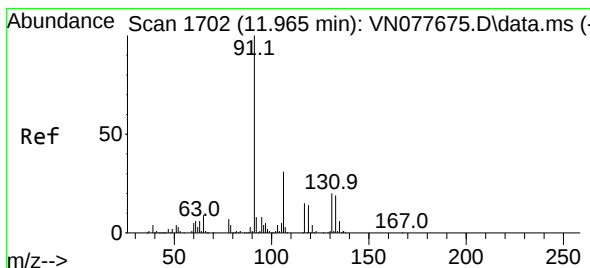
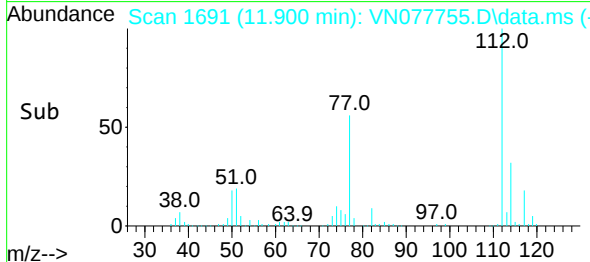
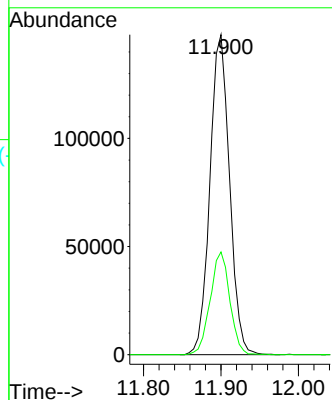
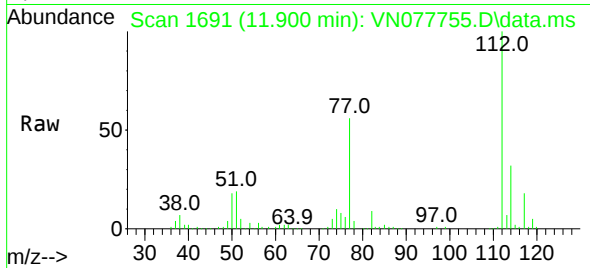




#65
Chlorobenzene
Concen: 19.540 ug/l
RT: 11.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

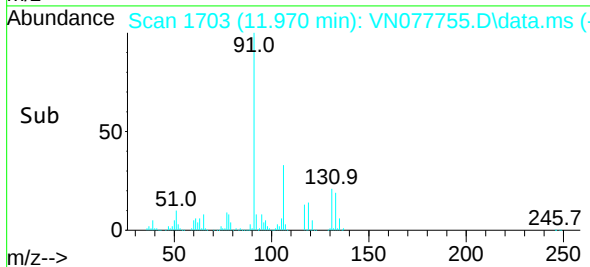
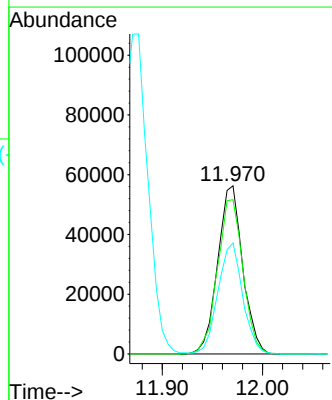
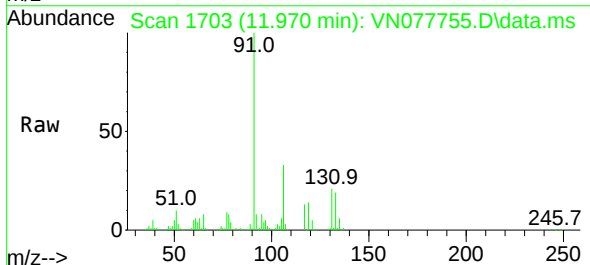
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

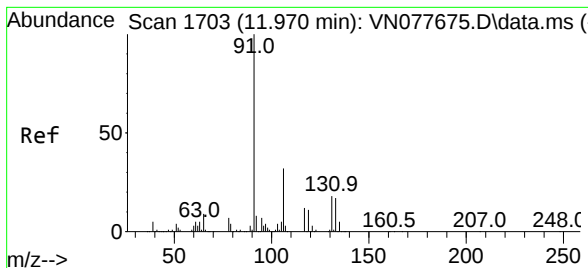
Tgt Ion:112 Resp: 260166
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.183 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.005 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:131 Resp: 97588
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 65.1 34.1 102.2





#67

Ethyl Benzene

Concen: 19.419 ug/l

RT: 11.970 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

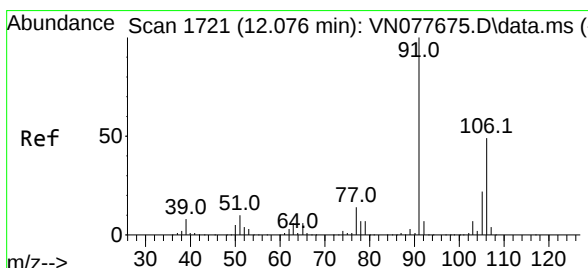
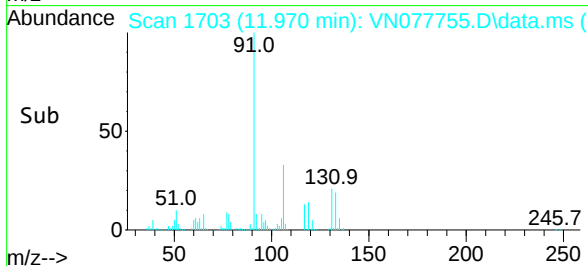
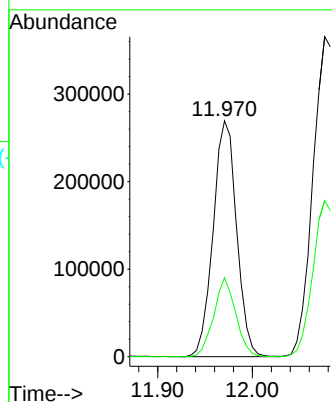
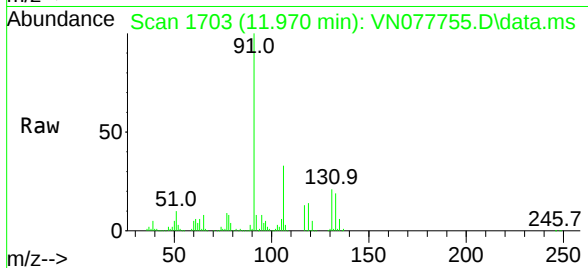
VN0519WBS01

Tgt Ion: 91 Resp: 463349

Ion Ratio Lower Upper

91 100

106 33.5 25.6 38.4



#68

m/p-Xylenes

Concen: 39.339 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.000 min

Lab File: VN077755.D

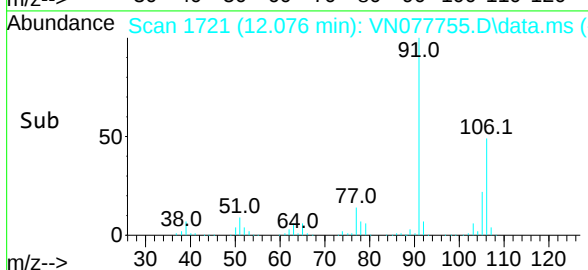
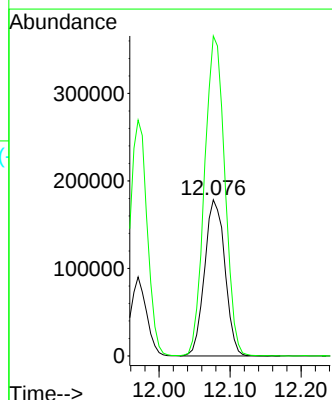
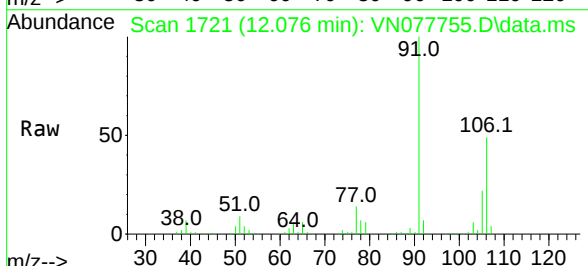
Acq: 19 May 2023 11:30

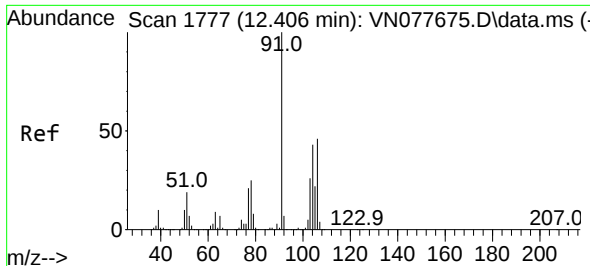
Tgt Ion:106 Resp: 355657

Ion Ratio Lower Upper

106 100

91 204.6 159.6 239.4

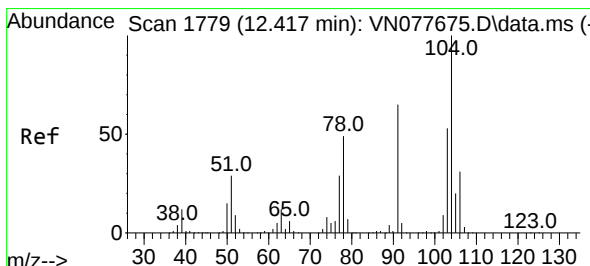
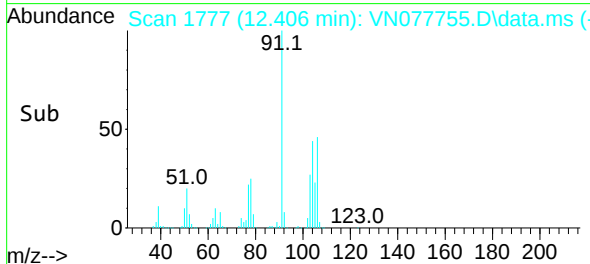
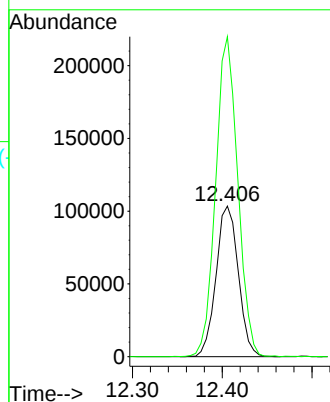
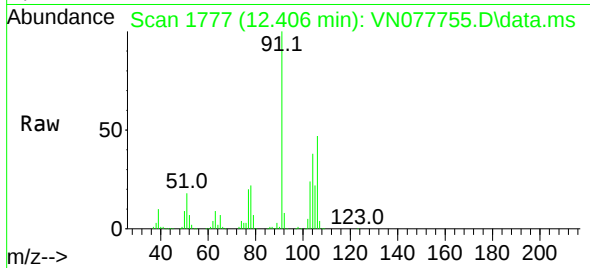




#69
o-Xylene
Concen: 20.055 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

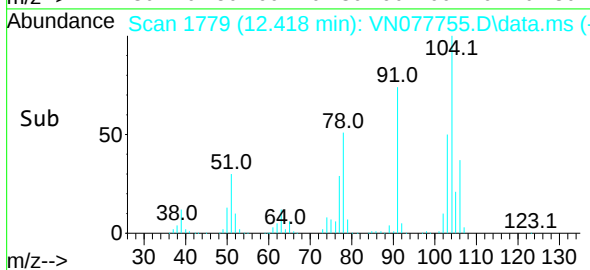
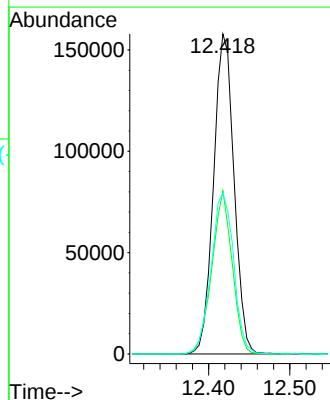
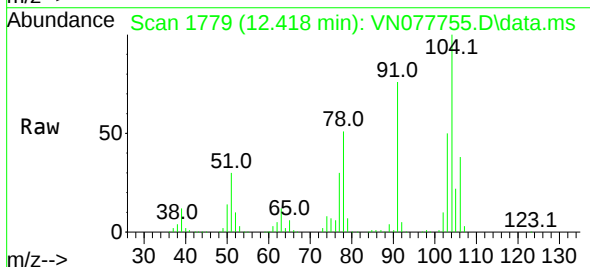
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

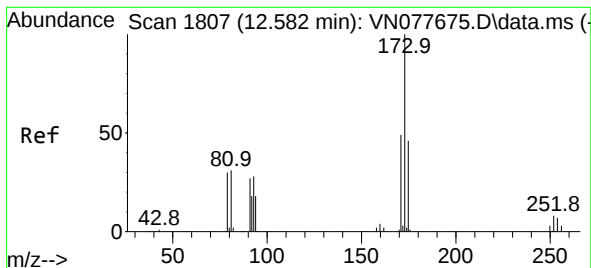
Tgt Ion:106 Resp: 178315
Ion Ratio Lower Upper
106 100
91 211.1 105.2 315.5



#70
Styrene
Concen: 19.578 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:104 Resp: 276522
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 19.382 ug/l

RT: 12.588 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

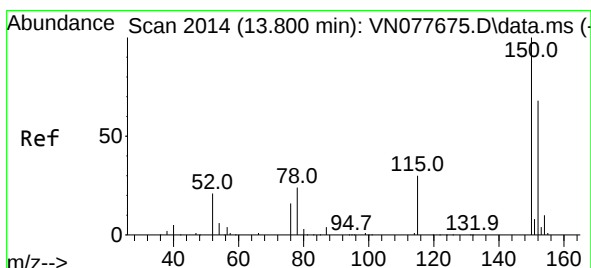
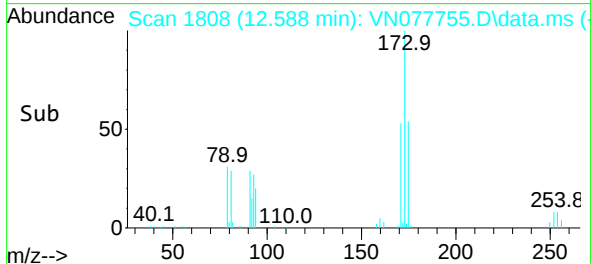
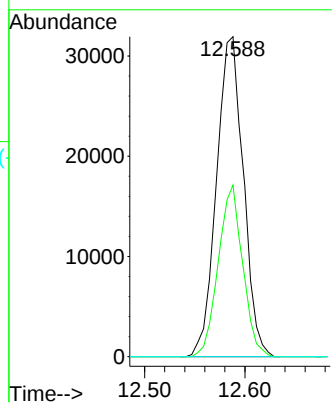
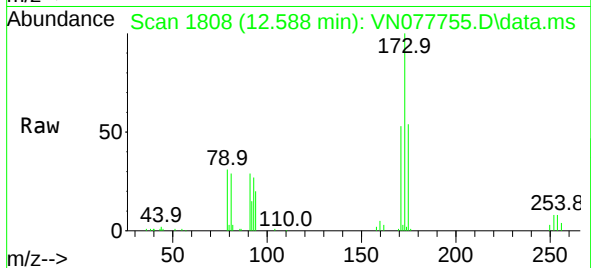
Tgt Ion:173 Resp: 59399

Ion Ratio Lower Upper

173 100

175 48.6 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

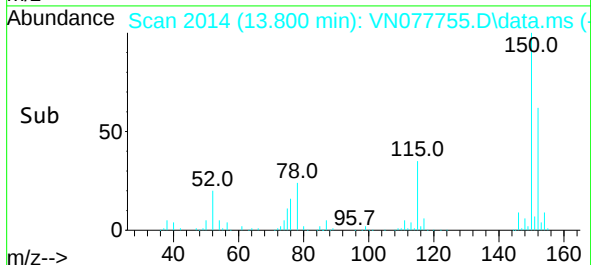
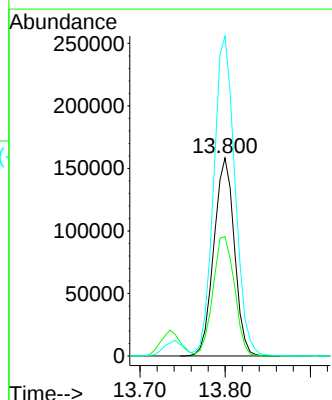
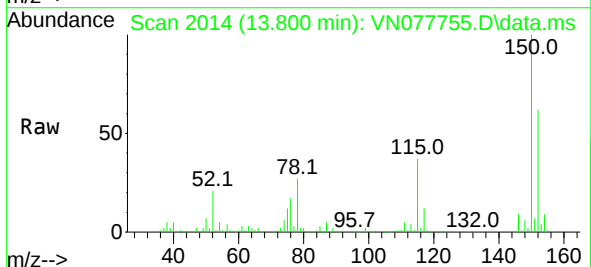
Tgt Ion:152 Resp: 264429

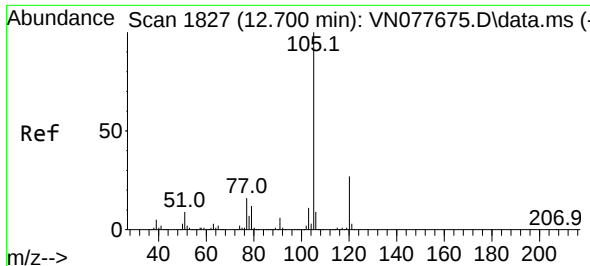
Ion Ratio Lower Upper

152 100

115 63.5 32.3 96.8

150 168.1 0.0 355.8

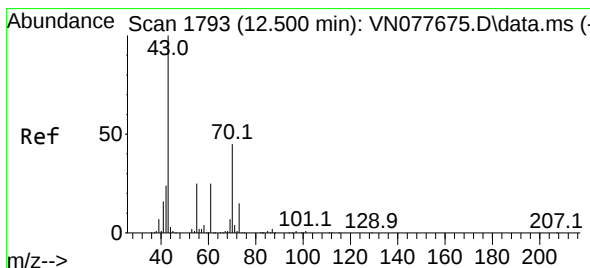
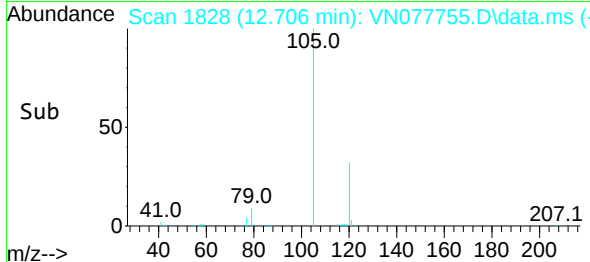
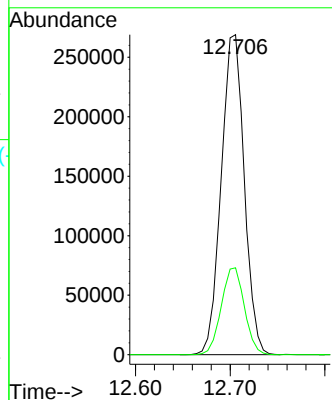
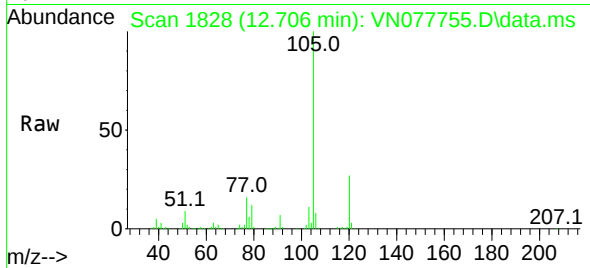




#73
Isopropylbenzene
Concen: 19.962 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

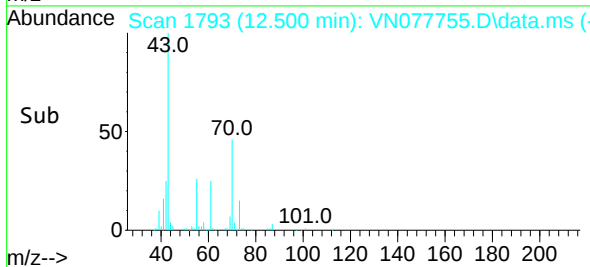
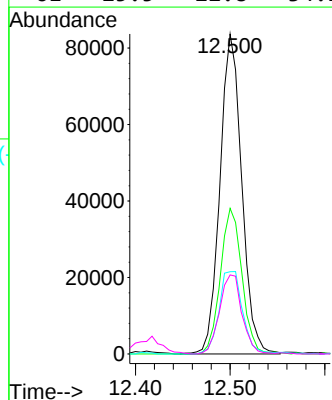
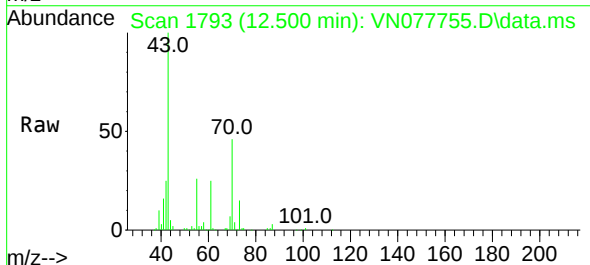
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

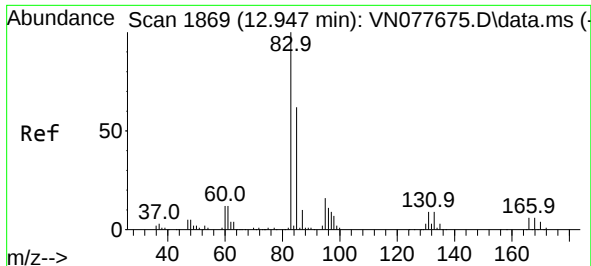
Tgt Ion:105 Resp: 455018
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.1



#74
N-ethyl acetate
Concen: 15.899 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 43 Resp: 133954
Ion Ratio Lower Upper
43 100
70 45.1 43.4 65.2
55 28.3 21.4 32.0
61 25.5 22.8 34.2

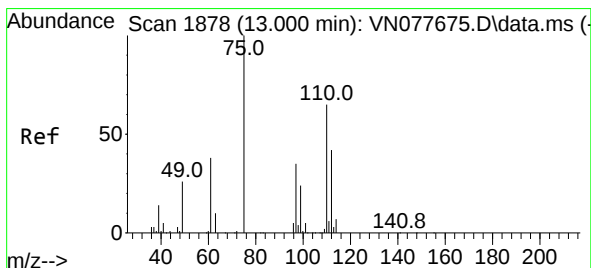
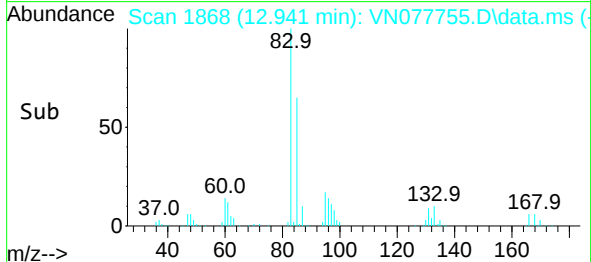
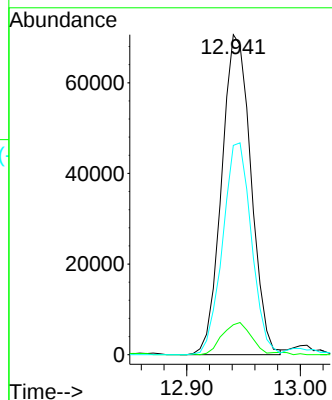
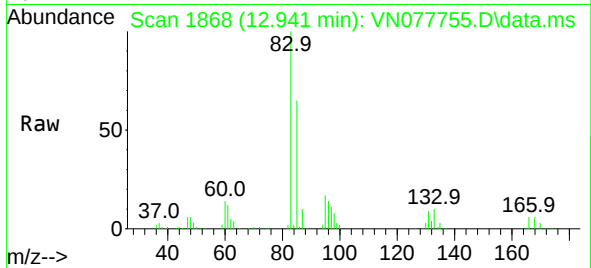




#75
1,1,2,2-Tetrachloroethane
Concen: 18.058 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

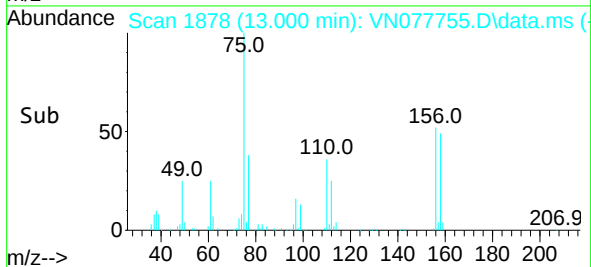
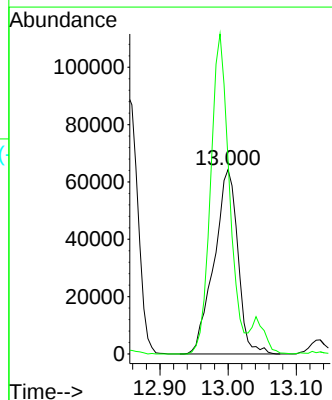
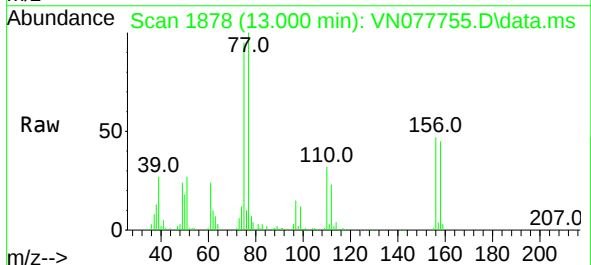
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

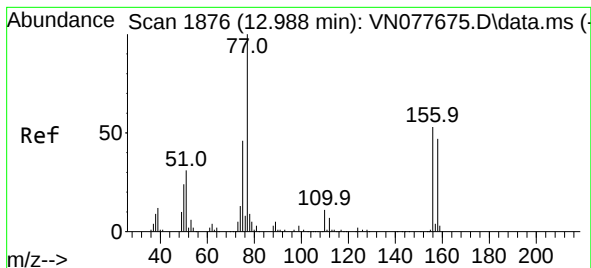
Tgt Ion: 83 Resp: 126629
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 65.0 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 23.541 ug/l
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 75 Resp: 155896
Ion Ratio Lower Upper
75 100
77 137.7 84.5 253.5





#77

Bromobenzene

Concen: 18.998 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

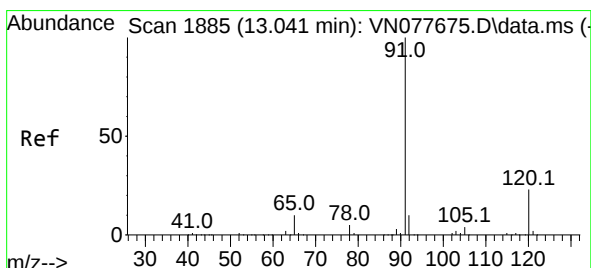
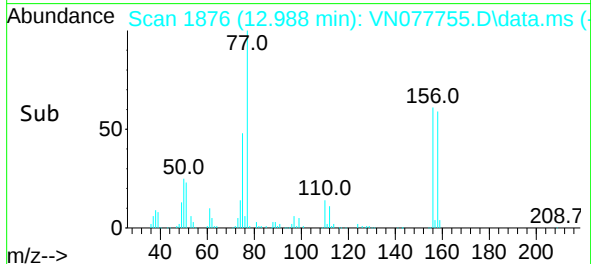
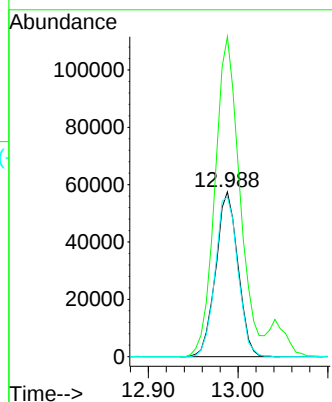
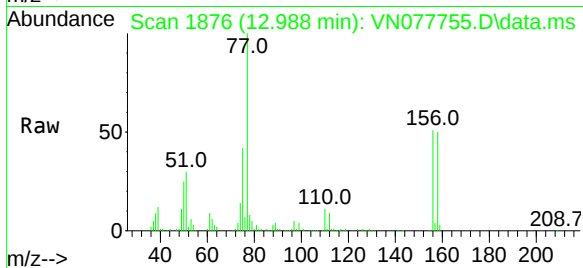
Tgt Ion:156 Resp: 98821

Ion Ratio Lower Upper

156 100

77 217.2 107.7 323.3

158 98.9 48.4 145.3



#78

n-propylbenzene

Concen: 19.565 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN077755.D

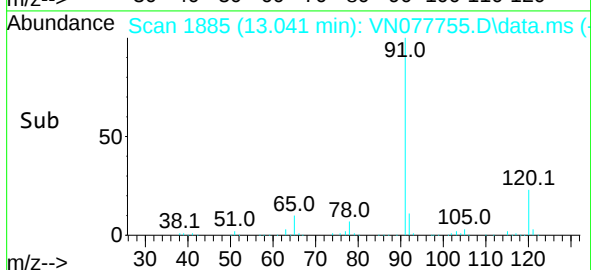
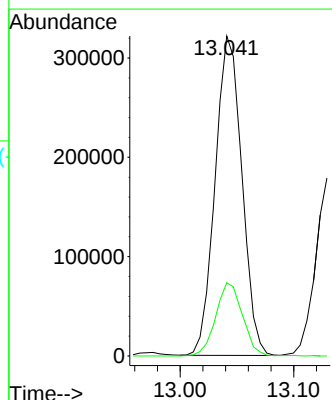
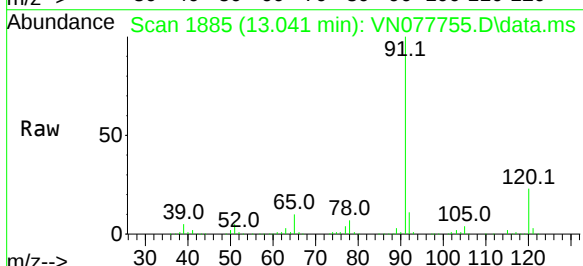
Acq: 19 May 2023 11:30

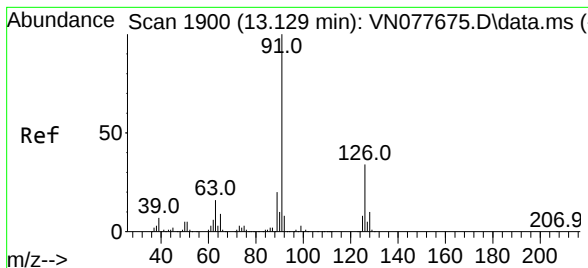
Tgt Ion: 91 Resp: 525761

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.597 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

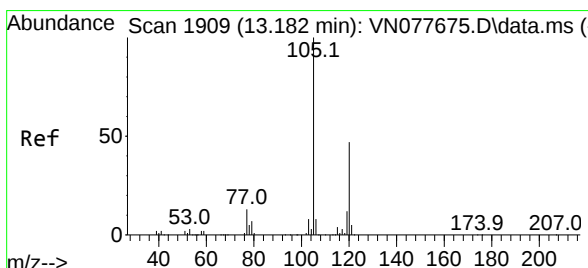
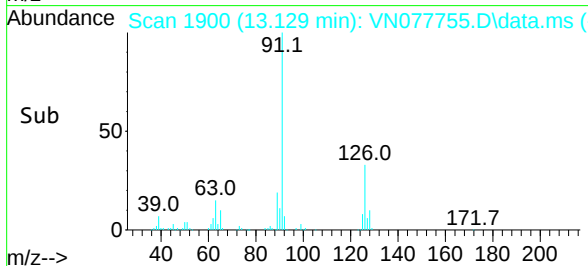
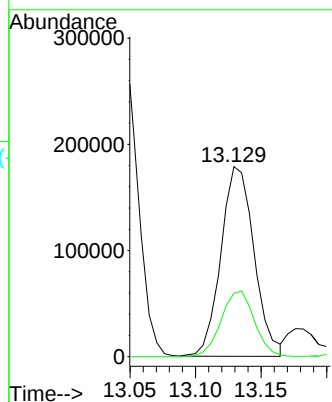
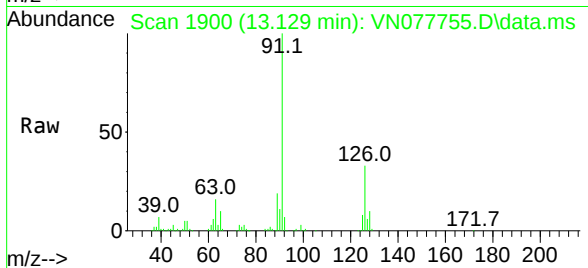
VN0519WBS01

Tgt Ion: 91 Resp: 314247

Ion Ratio Lower Upper

91 100

126 34.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 20.231 ug/l

RT: 13.182 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VN077755.D

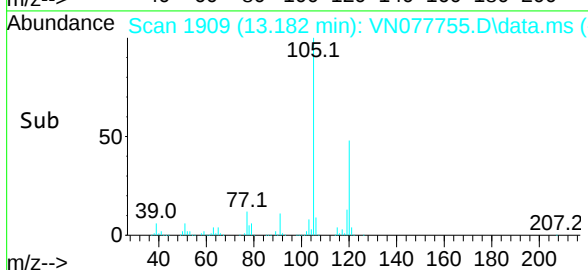
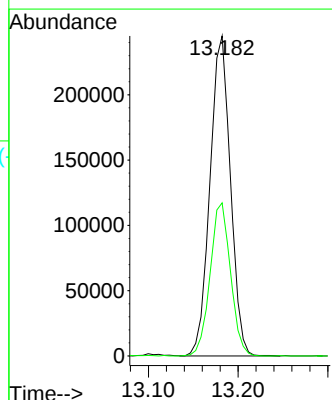
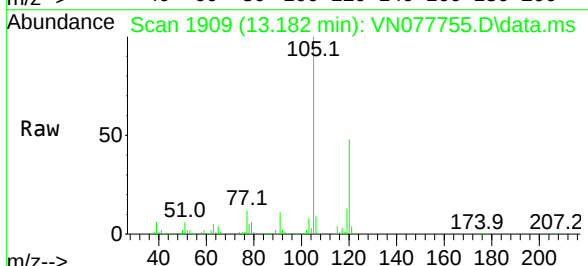
Acq: 19 May 2023 11:30

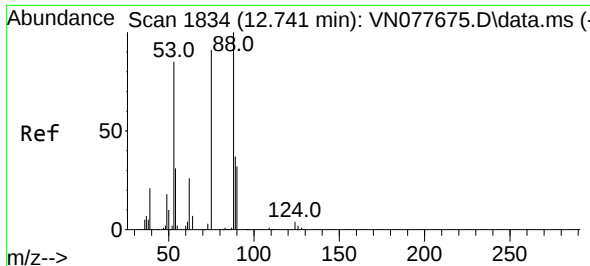
Tgt Ion:105 Resp: 387576

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.3

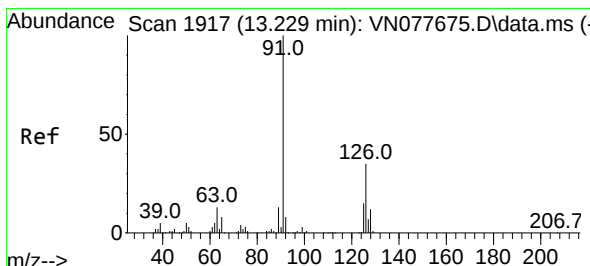
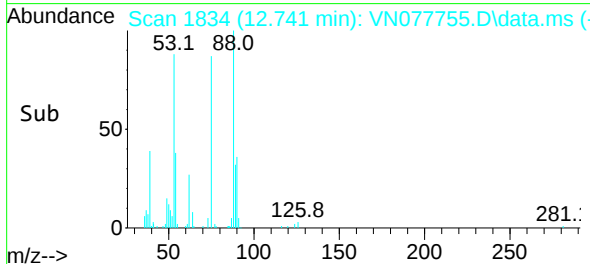
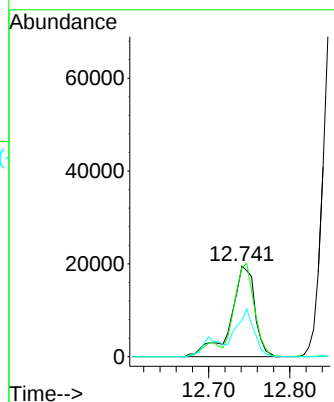
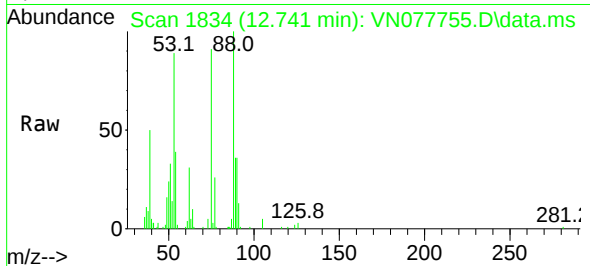




#81
trans-1,4-Dichloro-2-butene
Concen: 19.415 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

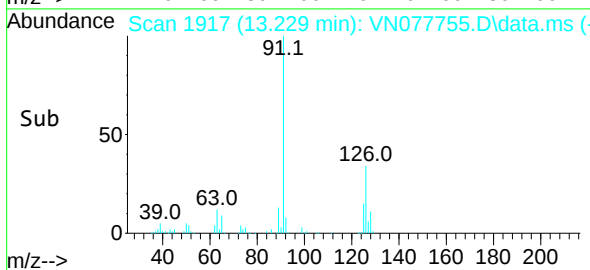
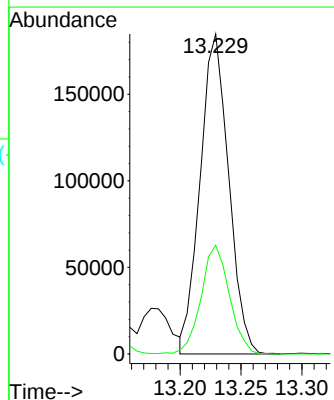
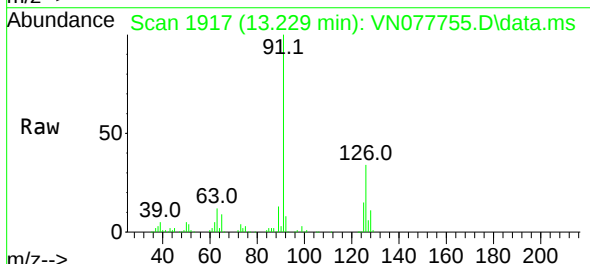
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

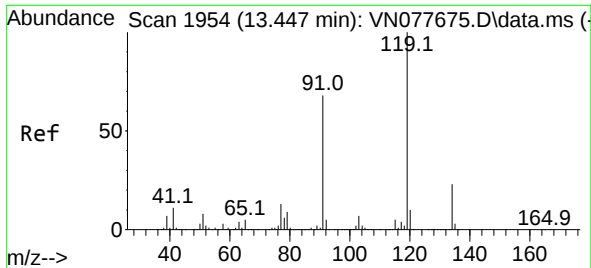
Tgt Ion: 75 Resp: 40222
Ion Ratio Lower Upper
75 100
53 84.1 67.4 101.2
89 38.6 38.8 58.2#



#82
4-Chlorotoluene
Concen: 18.902 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion: 91 Resp: 301565
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.0

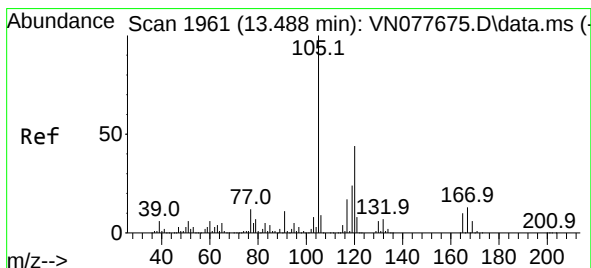
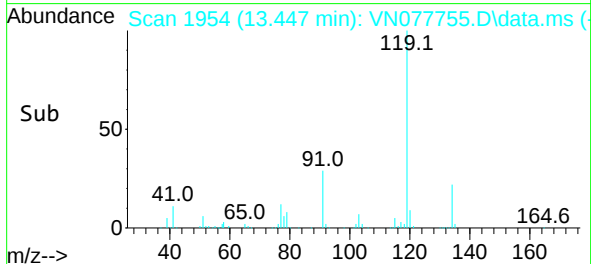
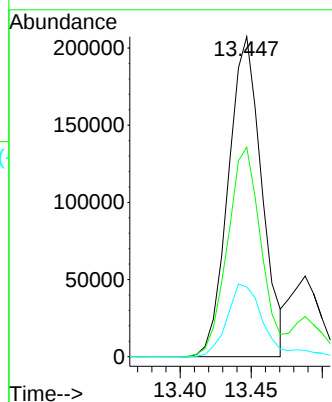
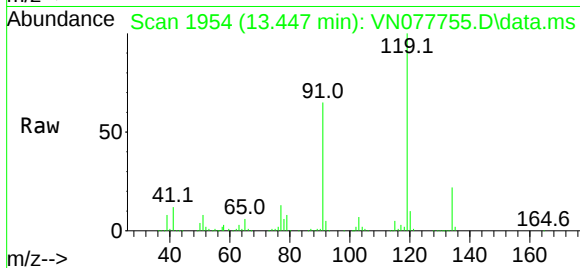




#83
tert-Butylbenzene
Concen: 20.282 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

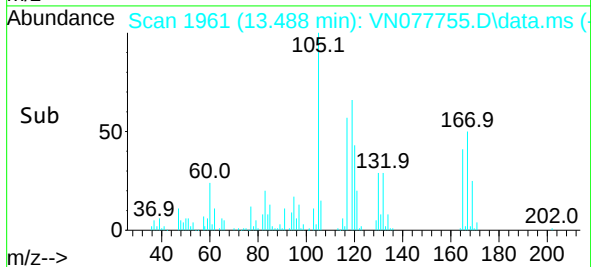
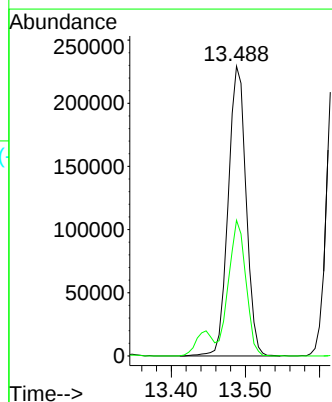
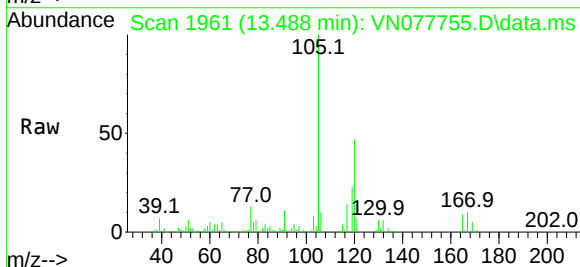
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

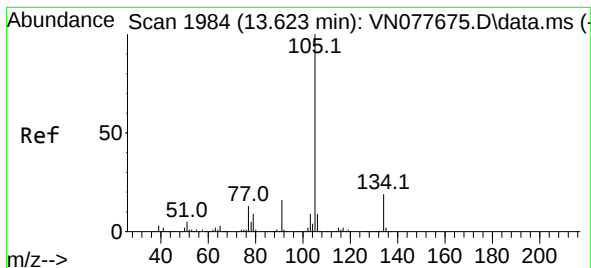
Tgt Ion:119 Resp: 339202
Ion Ratio Lower Upper
119 100
91 67.1 33.9 101.7
134 25.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 20.347 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:105 Resp: 383349
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.083 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

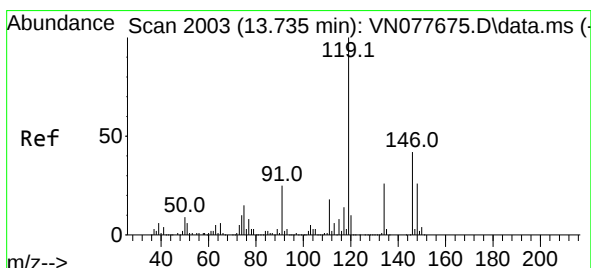
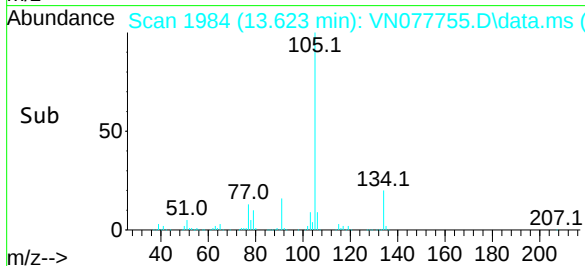
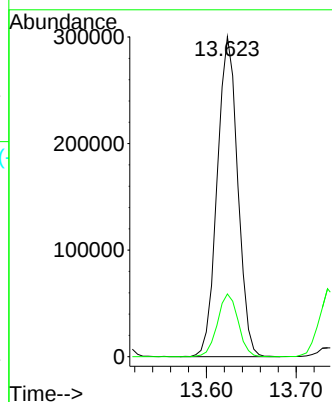
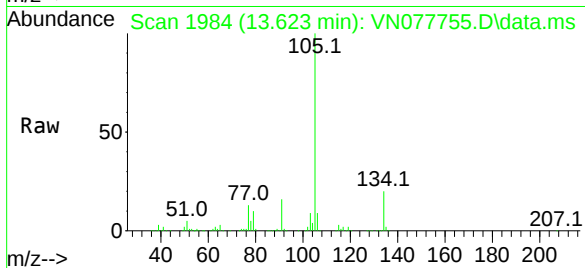
VN0519WBS01

Tgt Ion:105 Resp: 477326

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.305 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

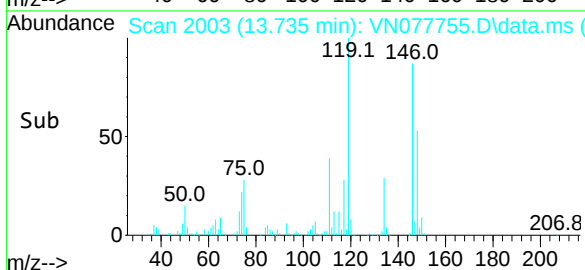
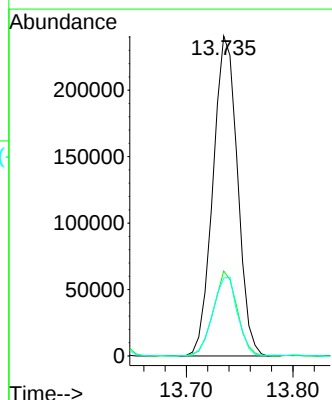
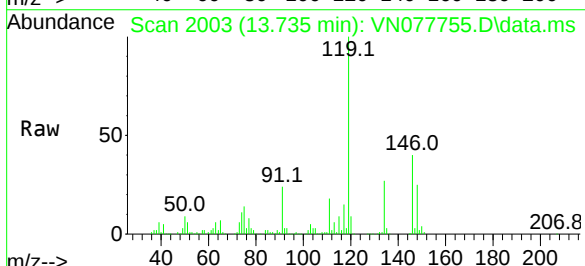
Tgt Ion:119 Resp: 384745

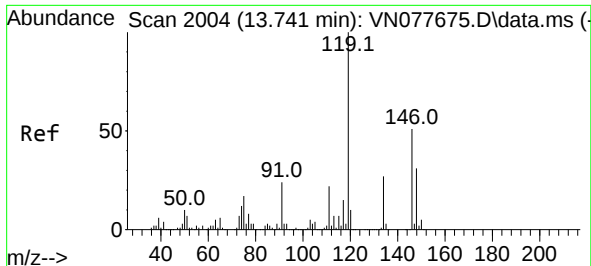
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.8

91 25.1 12.4 37.2

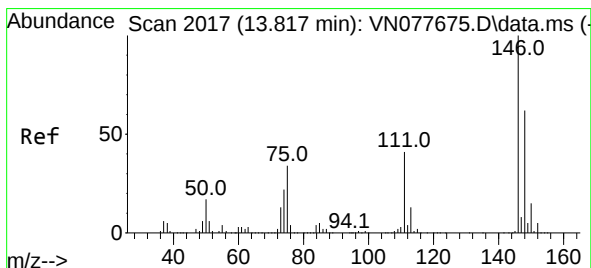
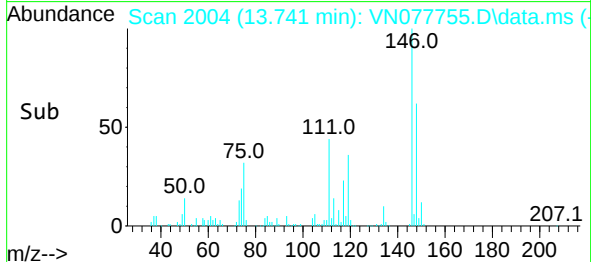
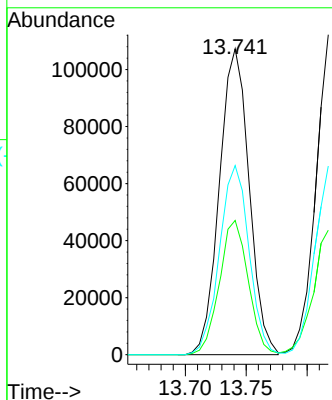
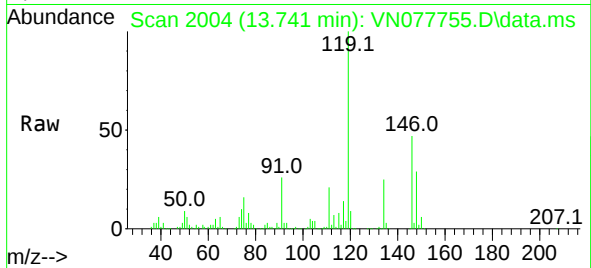




#87
1,3-Dichlorobenzene
Concen: 18.956 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

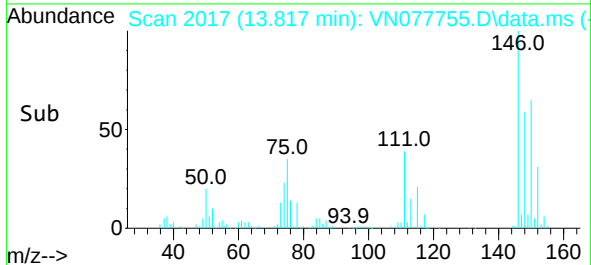
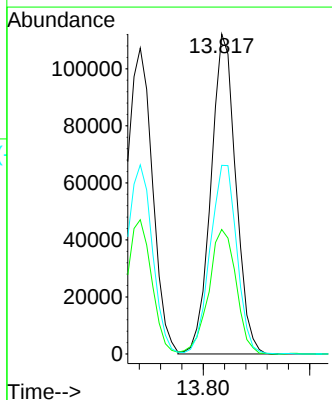
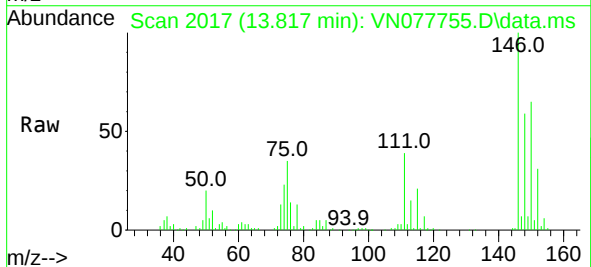
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

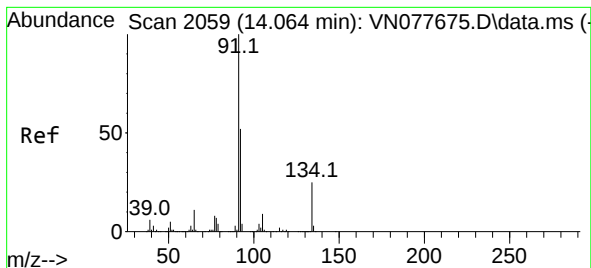
Tgt Ion:146 Resp: 182356
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 61.6 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 19.018 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:146 Resp: 181540
Ion Ratio Lower Upper
146 100
111 42.8 20.6 61.8
148 63.2 31.6 94.8





#89

n-Butylbenzene

Concen: 19.120 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

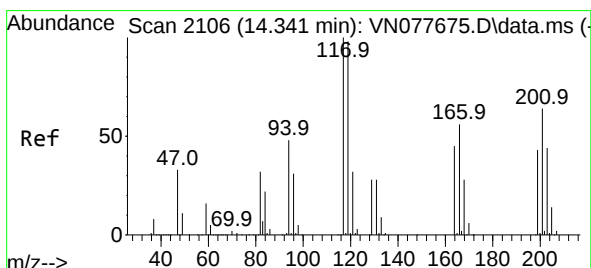
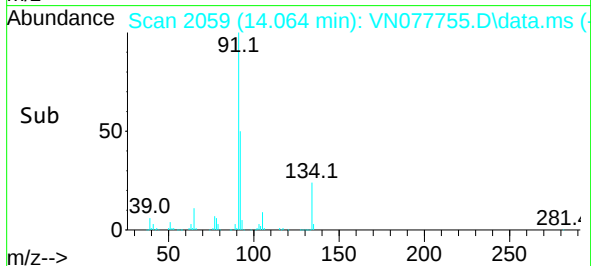
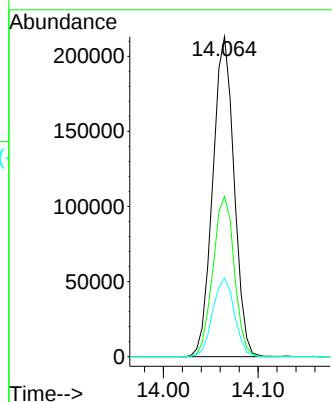
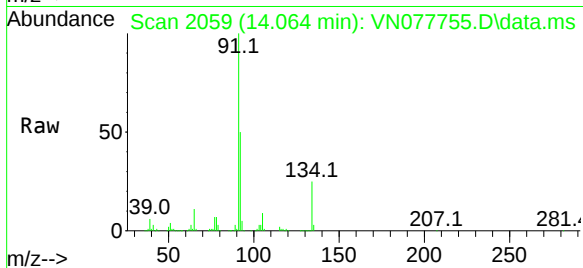
Tgt Ion: 91 Resp: 333231

Ion Ratio Lower Upper

91 100

92 50.3 26.4 79.0

134 25.0 12.6 37.6



#90

Hexachloroethane

Concen: 20.188 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077755.D

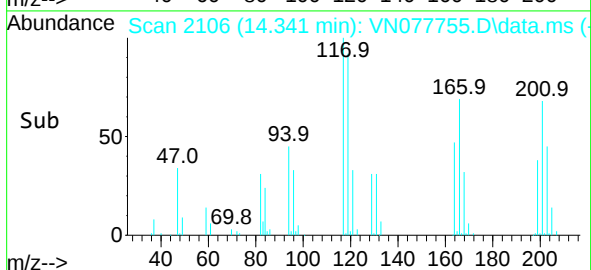
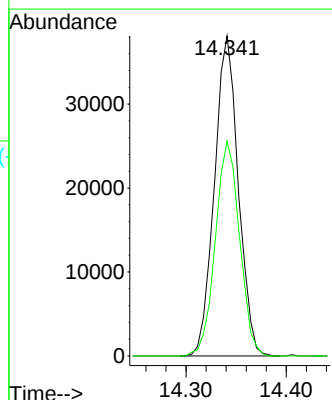
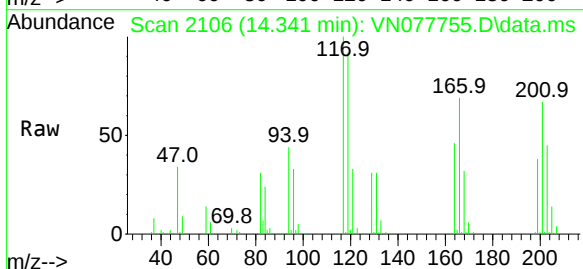
Acq: 19 May 2023 11:30

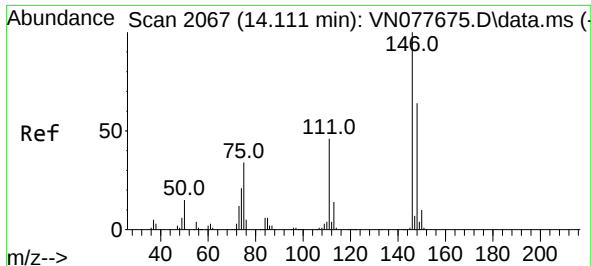
Tgt Ion: 117 Resp: 62843

Ion Ratio Lower Upper

117 100

201 68.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 20.550 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

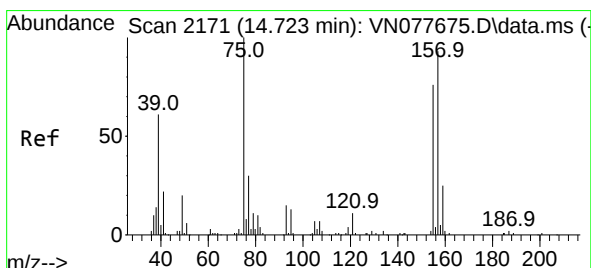
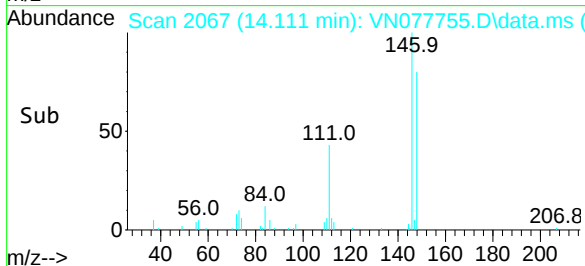
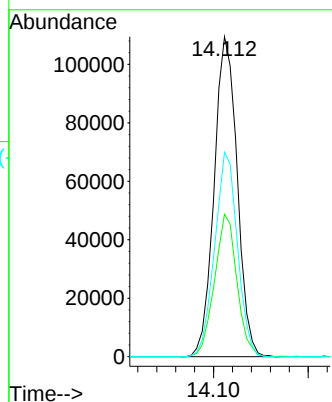
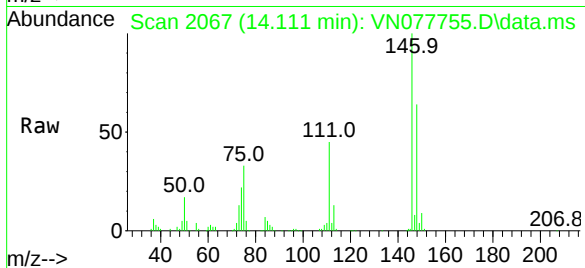
Tgt Ion:146 Resp: 184676

Ion Ratio Lower Upper

146 100

111 43.3 22.0 66.0

148 63.2 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.125 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN077755.D

Acq: 19 May 2023 11:30

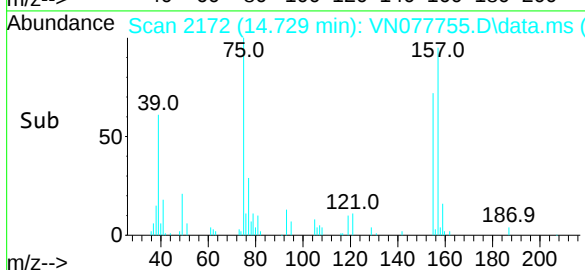
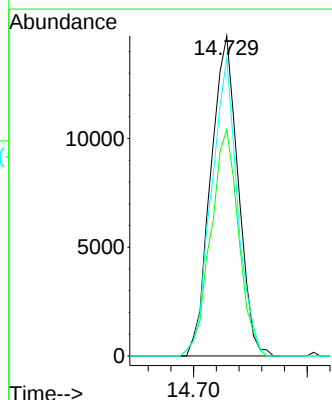
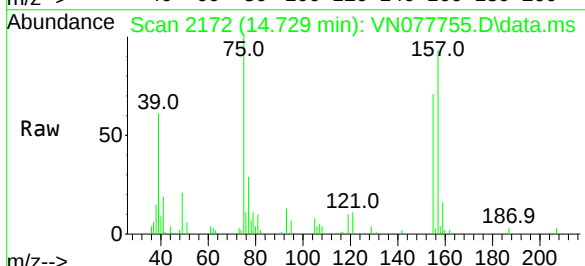
Tgt Ion: 75 Resp: 24606

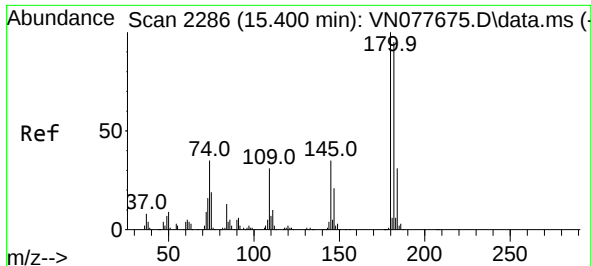
Ion Ratio Lower Upper

75 100

155 71.7 39.1 117.2

157 89.0 50.3 150.9

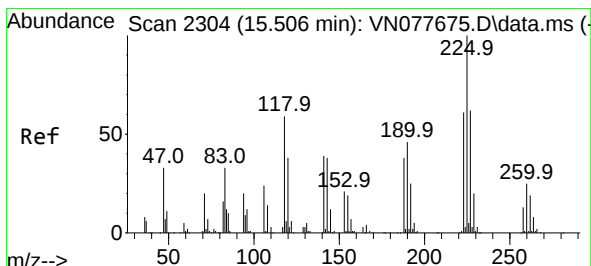
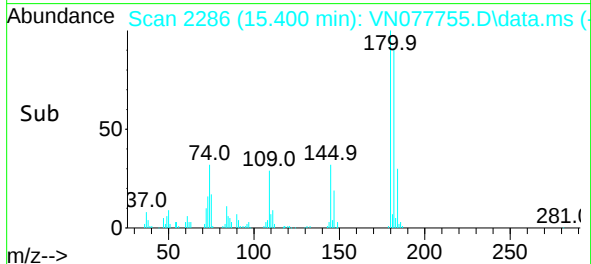
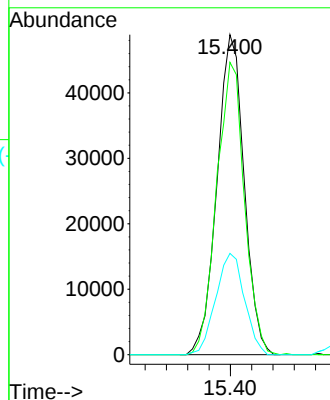
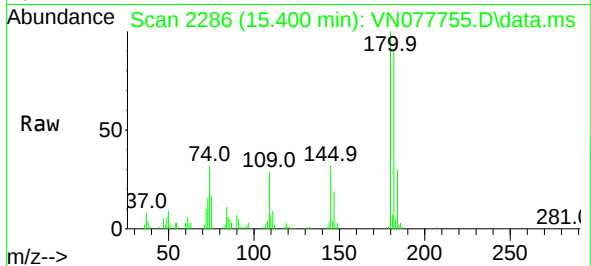




#93
1,2,4-Trichlorobenzene
Concen: 16.467 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

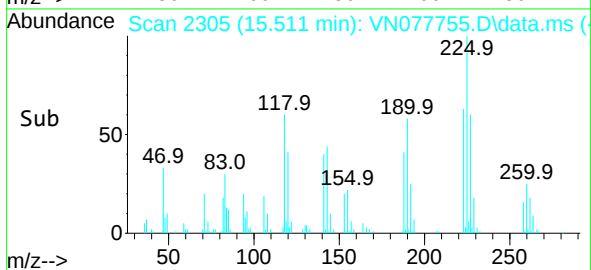
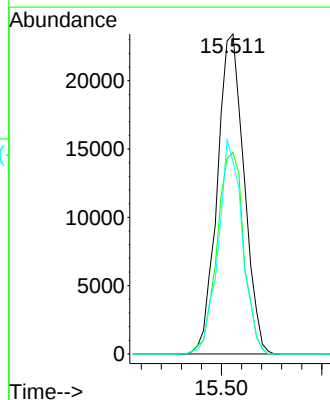
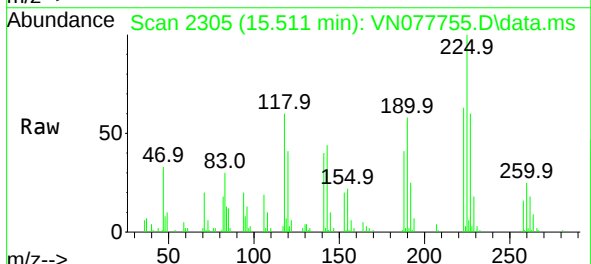
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

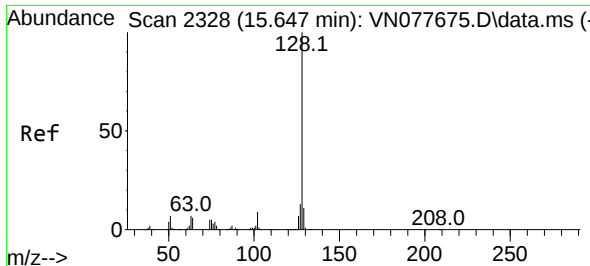
Tgt Ion:180 Resp: 86480
Ion Ratio Lower Upper
180 100
182 93.2 46.1 138.2
145 33.5 16.6 49.8



#94
Hexachlorobutadiene
Concen: 19.866 ug/l
RT: 15.511 min Scan# 2305
Delta R.T. 0.005 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:225 Resp: 43317
Ion Ratio Lower Upper
225 100
223 62.9 31.3 93.8
227 60.4 31.9 95.9

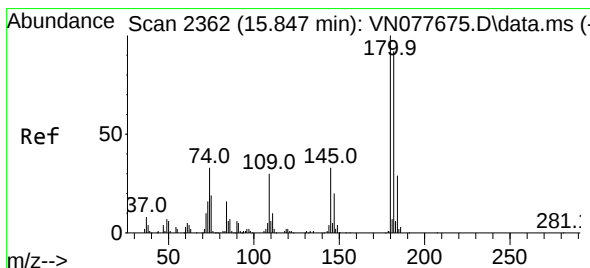
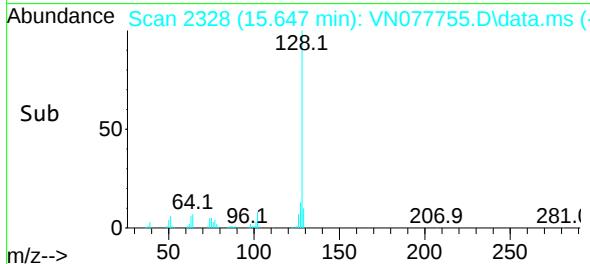
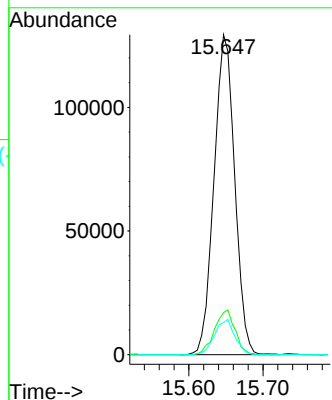
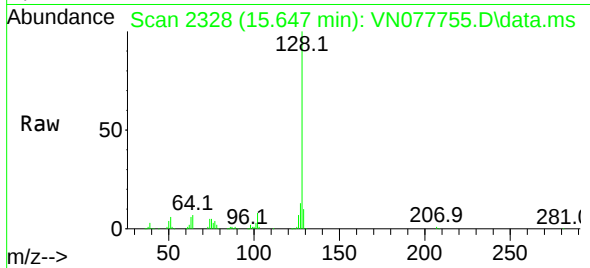




#95
Naphthalene
Concen: 13.885 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion:128 Resp: 251000
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.176 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN077755.D
Acq: 19 May 2023 11:30

Tgt Ion:180 Resp: 88316
Ion Ratio Lower Upper
180 100
182 92.7 46.2 138.6
145 35.1 17.5 52.6

