

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077687.D
 Acq On : 16 May 2023 13:04
 Operator : JC\MD
 Sample : VN0516WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Quant Time: May 17 03:58:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	382652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	700649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	615658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	265223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	266074	46.472	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.940%
35) Dibromofluoromethane	8.171	113	202931	44.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.840%
50) Toluene-d8	10.571	98	806405	45.855	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.853	95	274501	44.196	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	85828	19.709	ug/l	93
3) Chloromethane	2.365	50	86032	17.467	ug/l	100
4) Vinyl Chloride	2.518	62	100304	18.269	ug/l	97
5) Bromomethane	2.959	94	74806	18.422	ug/l	98
6) Chloroethane	3.130	64	81005	20.472	ug/l	95
7) Trichlorofluoromethane	3.506	101	148985	19.471	ug/l	97
8) Diethyl Ether	3.965	74	54129	19.377	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	82424	19.465	ug/l	98
10) Methyl Iodide	4.594	142	101831	20.164	ug/l #	92
11) Tert butyl alcohol	5.518	59	75670	95.765	ug/l	99
12) 1,1-Dichloroethene	4.347	96	77069	19.149	ug/l	84
13) Acrolein	4.183	56	51708	86.384	ug/l	95
14) Allyl chloride	5.024	41	108612	18.370	ug/l	92
15) Acrylonitrile	5.724	53	201709	95.550	ug/l	99
16) Acetone	4.442	43	164632	91.396	ug/l	92
17) Carbon Disulfide	4.724	76	189441	17.469	ug/l	99
18) Methyl Acetate	5.036	43	145378	19.238	ug/l #	88
19) Methyl tert-butyl Ether	5.800	73	284746	19.547	ug/l	99
20) Methylene Chloride	5.283	84	95490	19.148	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	85195	18.845	ug/l	92
22) Diisopropyl ether	6.677	45	273267	19.719	ug/l #	93
23) Vinyl Acetate	6.612	43	797312	92.859	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	165653	19.511	ug/l	98
25) 2-Butanone	7.488	43	265825	94.338	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	138601	19.215	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	105672	19.494	ug/l	92
28) Bromochloromethane	7.818	49	81211	22.117	ug/l	81
29) Tetrahydrofuran	7.841	42	170781	92.561	ug/l #	83
30) Chloroform	7.971	83	178226	19.083	ug/l	95
31) Cyclohexane	8.265	56	146275	18.797	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	152841	19.248	ug/l	96
36) 1,1-Dichloropropene	8.377	75	125362	18.759	ug/l	96
37) Ethyl Acetate	7.565	43	104729	17.583	ug/l	96
38) Carbon Tetrachloride	8.371	117	129055	19.125	ug/l	93
39) Methylcyclohexane	9.612	83	161035	19.683	ug/l	92
40) Benzene	8.612	78	382635	19.403	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	58165	18.337	ug/l	90
42) 1,2-Dichloroethane	8.677	62	140489	19.612	ug/l	97
43) Isopropyl Acetate	8.694	43	186688	19.189	ug/l #	95
44) Trichloroethene	9.359	130	95504	19.126	ug/l	99
45) 1,2-Dichloropropane	9.624	63	98494	19.581	ug/l	100
46) Dibromomethane	9.712	93	69339	19.264	ug/l	99
47) Bromodichloromethane	9.894	83	137748	19.990	ug/l	94
48) Methyl methacrylate	9.688	41	90844	19.694	ug/l	87
49) 1,4-Dioxane	9.694	88	34868	400.221	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	559985	96.832	ug/l	93
52) Toluene	10.635	92	241331	19.657	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	139718	19.146	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	154072	19.159	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	93807	19.244	ug/l	95
56) Ethyl methacrylate	10.882	69	142139	19.285	ug/l	90
57) 1,3-Dichloropropane	11.171	76	164906	19.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	328867	90.697	ug/l	90
59) 2-Hexanone	11.200	43	403491	94.329	ug/l	92
60) Dibromochloromethane	11.365	129	97334	19.342	ug/l	99
61) 1,2-Dibromoethane	11.476	107	95055	19.546	ug/l	98
64) Tetrachloroethene	11.106	164	88242	20.495	ug/l	97
65) Chlorobenzene	11.900	112	256600	19.226	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	93255	20.193	ug/l	98
67) Ethyl Benzene	11.970	91	460238	19.242	ug/l	97
68) m/p-Xylenes	12.076	106	346738	38.260	ug/l	93
69) o-Xylene	12.406	106	169160	18.980	ug/l	95
70) Styrene	12.418	104	273547	19.320	ug/l	96
71) Bromoform	12.582	173	60419	19.667	ug/l #	95
73) Isopropylbenzene	12.700	105	444945	19.462	ug/l	99
74) N-amyl acetate	12.500	43	155799	18.437	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	132765	18.877	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	167451	25.210	ug/l	72
77) Bromobenzene	12.988	156	98024	18.788	ug/l	96
78) n-propylbenzene	13.041	91	516209	19.152	ug/l	99
79) 2-Chlorotoluene	13.129	91	310509	19.306	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	379536	19.752	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	38007	18.291	ug/l	88
82) 4-Chlorotoluene	13.229	91	306221	19.136	ug/l	98
83) tert-Butylbenzene	13.447	119	316550	18.871	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	373229	19.750	ug/l	100
85) sec-Butylbenzene	13.623	105	464426	19.481	ug/l	100
86) p-Isopropyltoluene	13.735	119	371089	19.525	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	181925	18.855	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	175339	18.313	ug/l	97
89) n-Butylbenzene	14.064	91	335148	19.172	ug/l	96
90) Hexachloroethane	14.341	117	60428	19.354	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	174237	19.330	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25231	18.529	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	91572	17.384	ug/l	99
94) Hexachlorobutadiene	15.506	225	39384	18.008	ug/l	97
95) Naphthalene	15.647	128	305716	16.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	91398	17.722	ug/l	99

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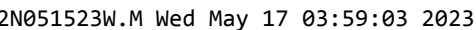
Instrument :
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ClientSampleId :
VN0516WBSD01

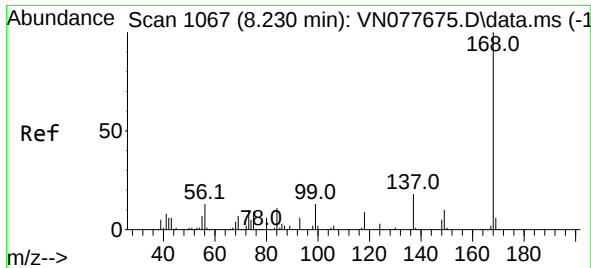
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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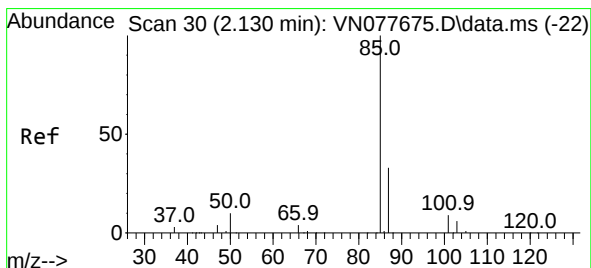
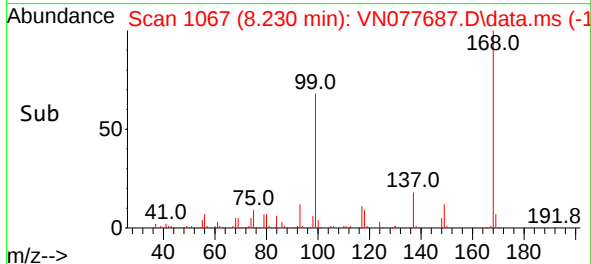
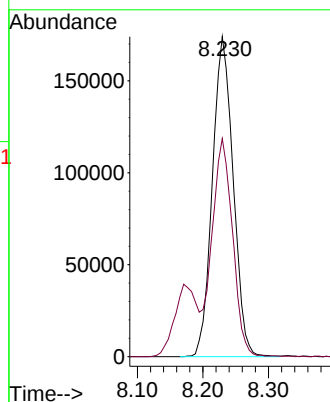
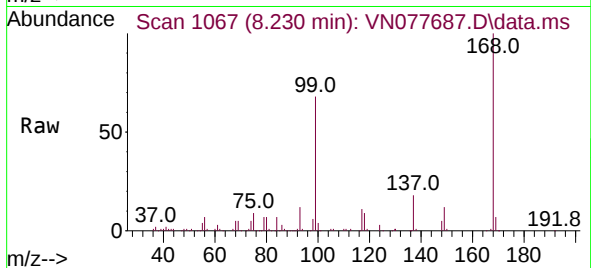




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077687.D
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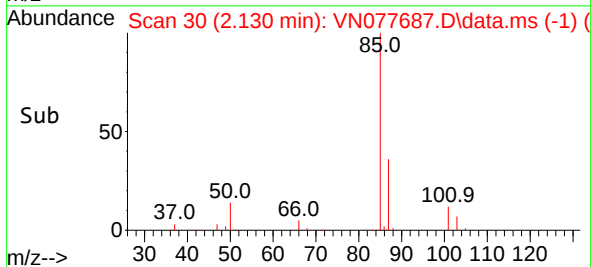
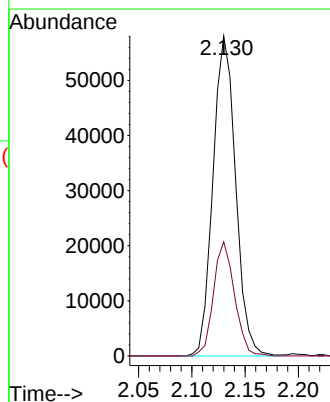
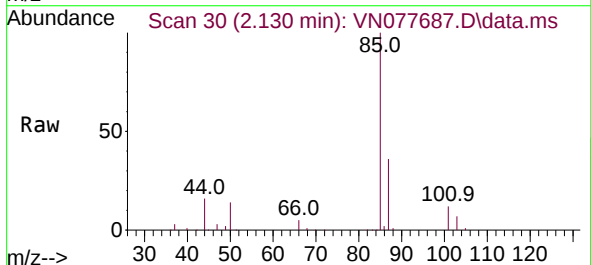
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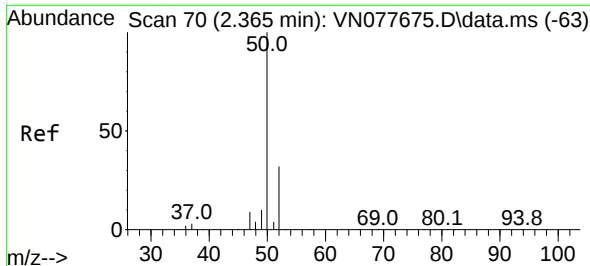
Tgt Ion:168 Resp: 382652
Ion Ratio Lower Upper
168 100
99 68.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.709 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 85 Resp: 85828
Ion Ratio Lower Upper
85 100
87 35.7 15.8 47.4

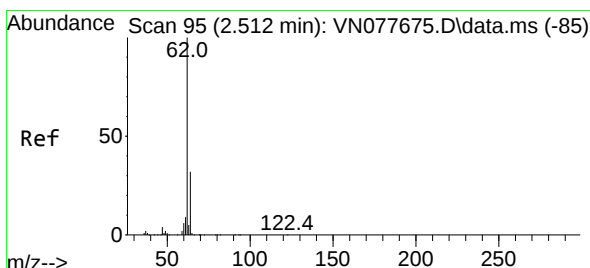
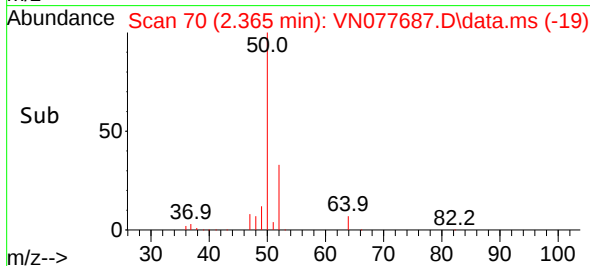
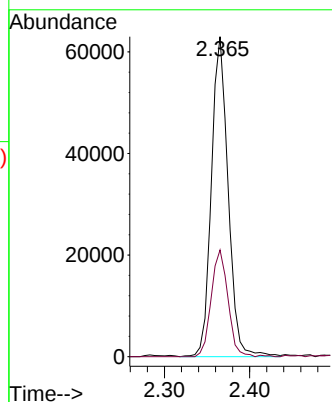
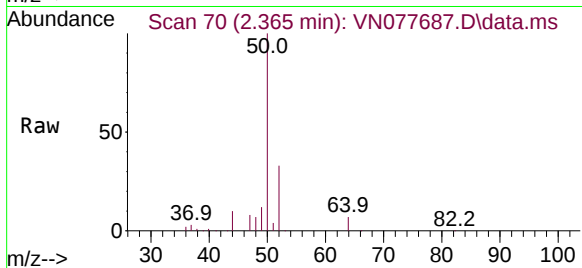




#3
Chloromethane
Concen: 17.467 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

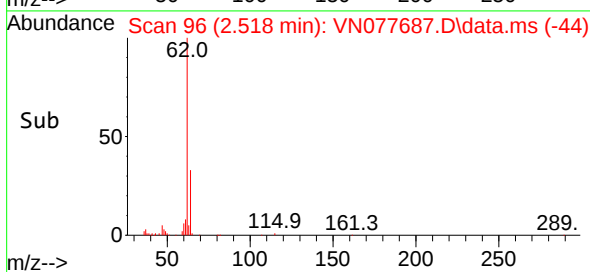
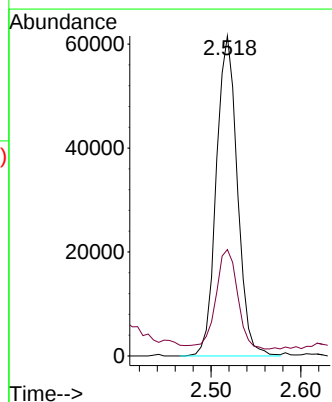
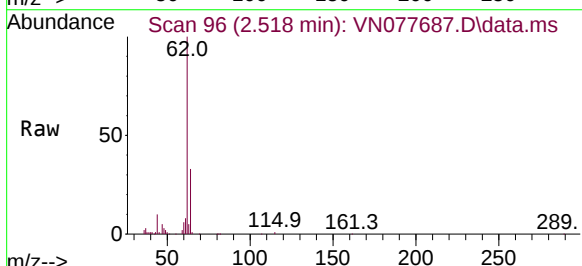
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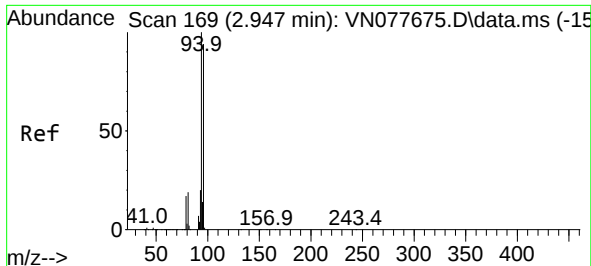
Tgt Ion: 50 Resp: 86032
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 18.269 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 62 Resp: 100304
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2

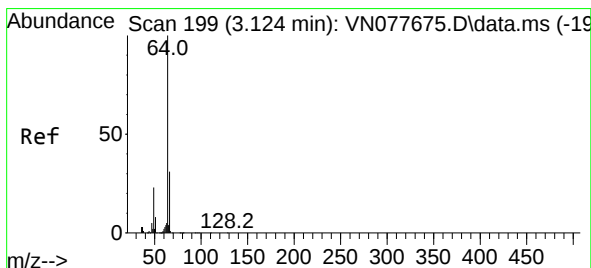
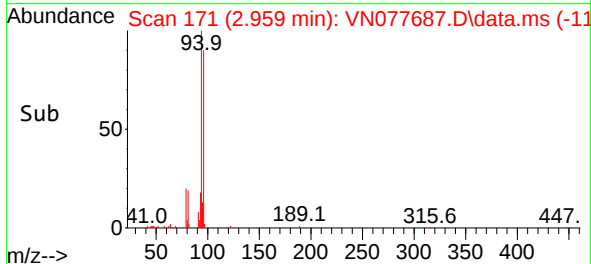
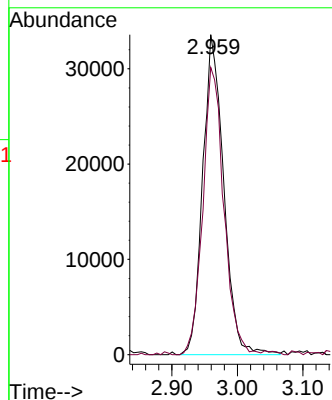
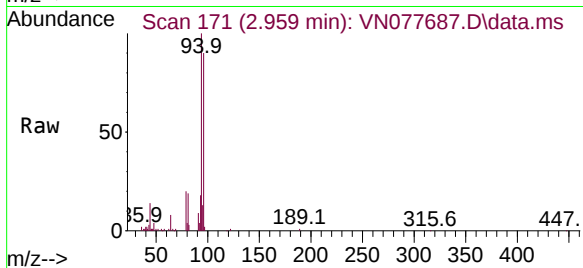




#5
Bromomethane
Concen: 18.422 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN077687.D
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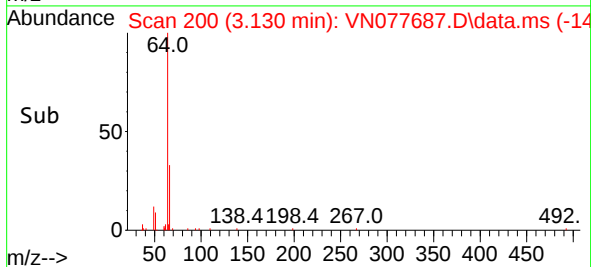
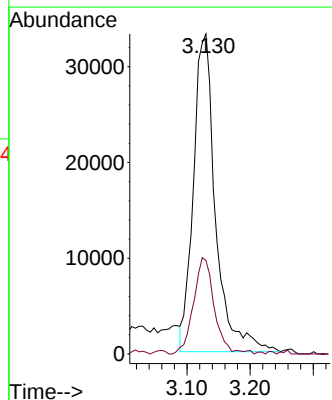
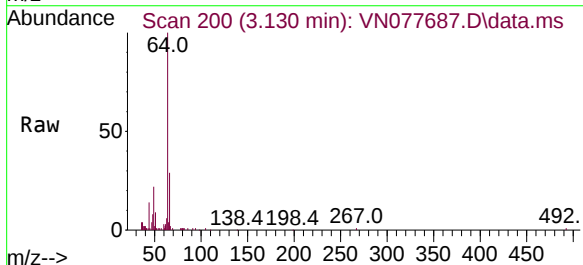
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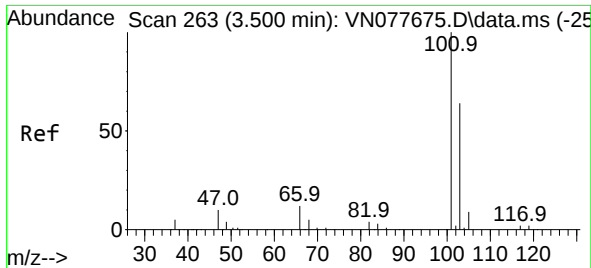
Tgt Ion: 94 Resp: 74806
Ion Ratio Lower Upper
94 100
96 89.8 73.1 109.7



#6
Chloroethane
Concen: 20.472 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 64 Resp: 81005
Ion Ratio Lower Upper
64 100
66 28.8 25.4 38.2

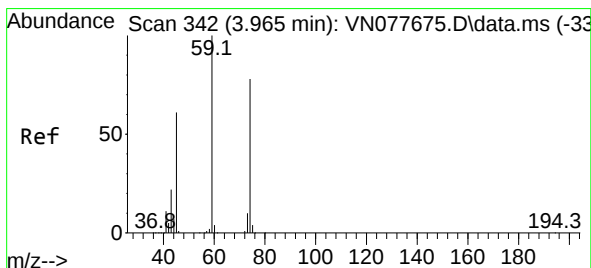
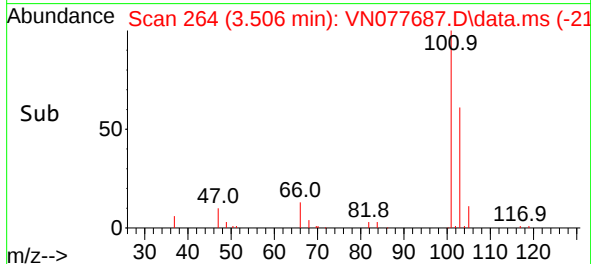
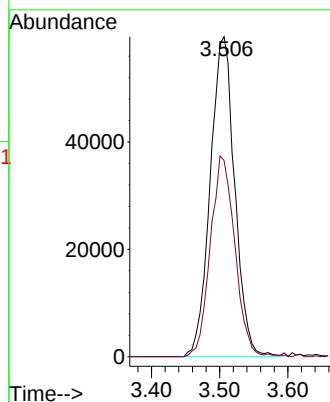
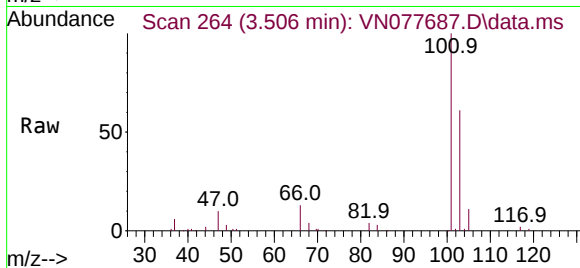




#7
Trichlorofluoromethane
Concen: 19.471 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

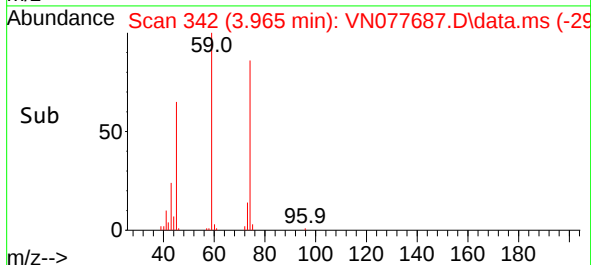
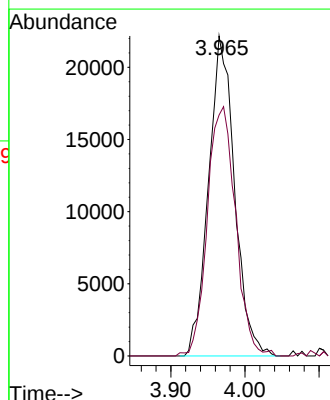
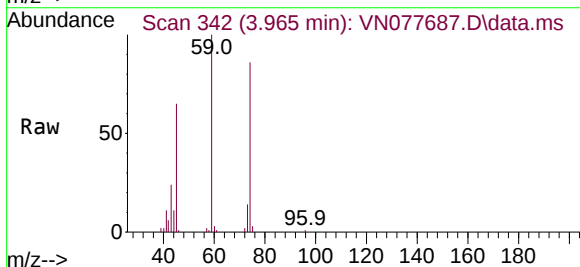
Instrument :
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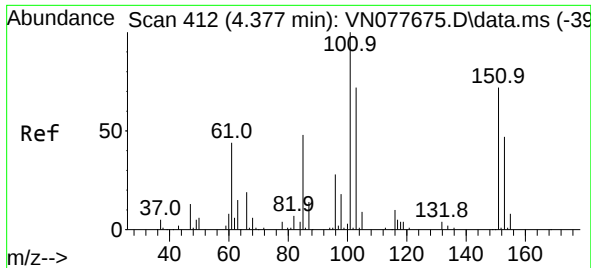
Tgt Ion:101 Resp: 148985
Ion Ratio Lower Upper
101 100
103 61.4 50.7 76.1



#8
Diethyl Ether
Concen: 19.377 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 74 Resp: 54129
Ion Ratio Lower Upper
74 100
45 84.4 34.4 103.3

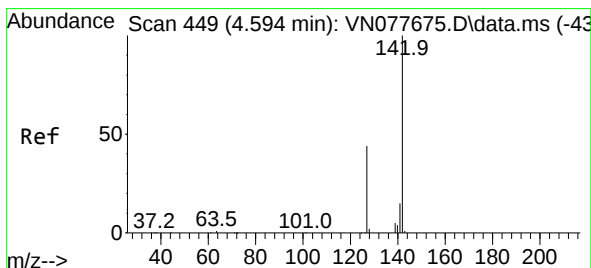
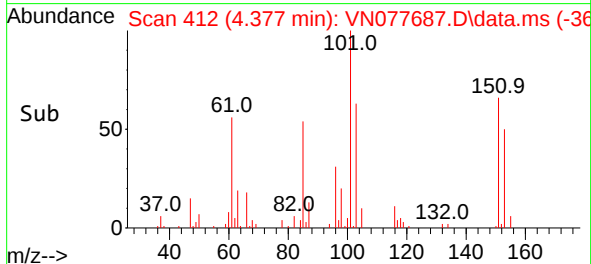
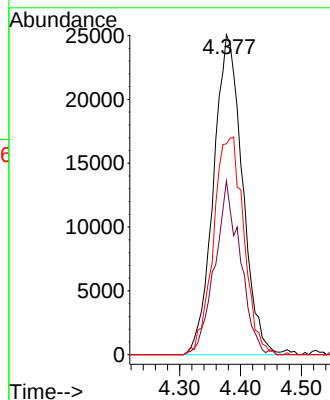
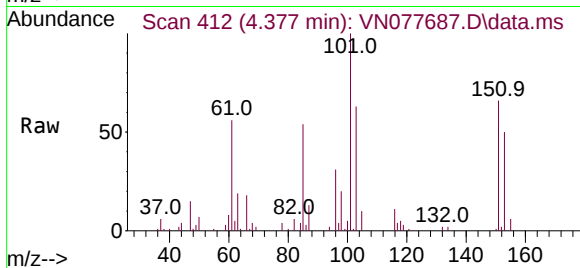




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.465 ug/l
 RT: 4.377 min Scan# 412
 Delta R.T. -0.000 min
 Lab File: VN077687.D
 Acq: 16 May 2023 13:04

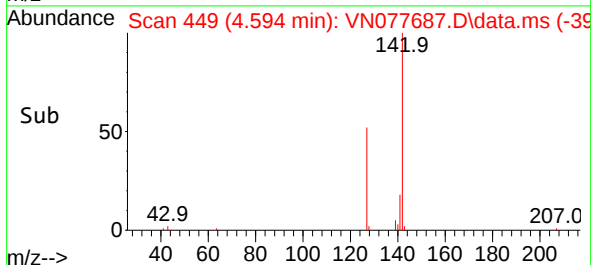
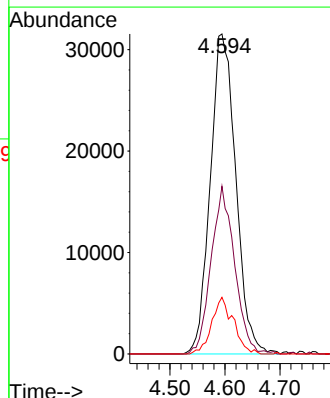
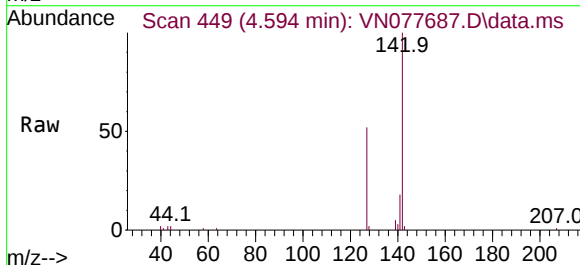
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

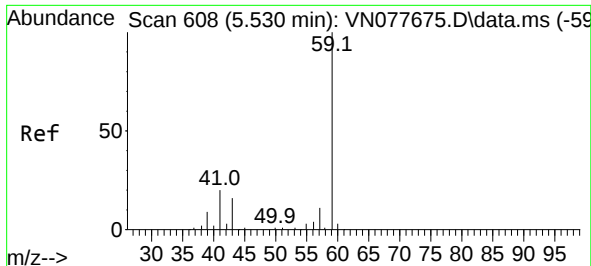
Tgt Ion:101 Resp: 82424
 Ion Ratio Lower Upper
 101 100
 85 47.9 36.6 55.0
 151 71.6 57.6 86.4



#10
 Methyl Iodide
 Concen: 20.164 ug/l
 RT: 4.594 min Scan# 449
 Delta R.T. 0.000 min
 Lab File: VN077687.D
 Acq: 16 May 2023 13:04

Tgt Ion:142 Resp: 101831
 Ion Ratio Lower Upper
 142 100
 127 52.4 37.6 56.4
 141 17.7 11.4 17.0#





#11

Tert butyl alcohol

Concen: 95.765 ug/l

RT: 5.518 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

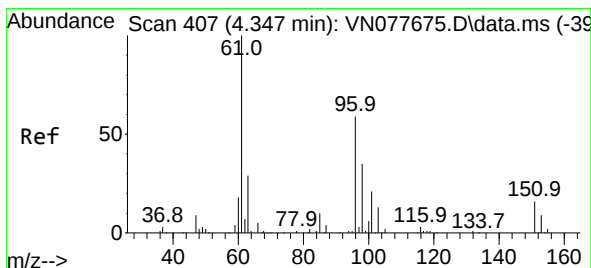
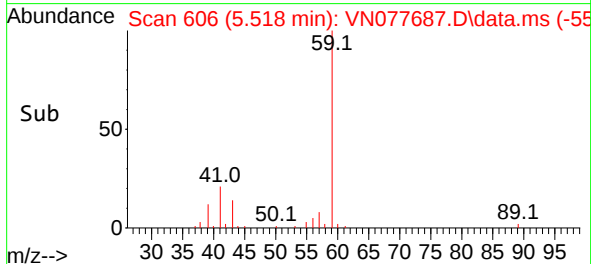
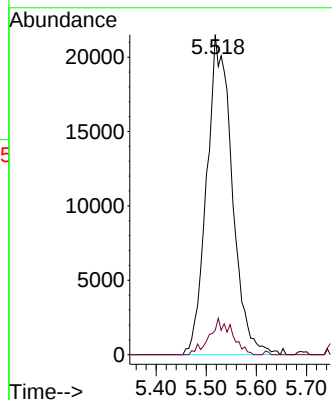
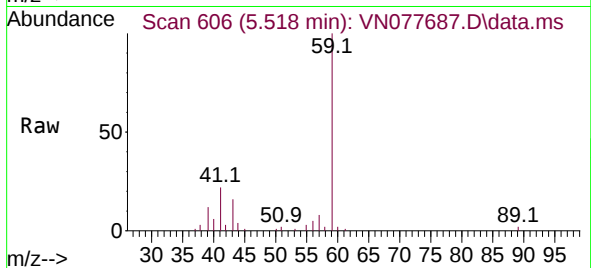
VN0516WBSD01

Tgt Ion: 59 Resp: 75670

Ion Ratio Lower Upper

59 100

57 10.0 8.2 12.4



#12

1,1-Dichloroethene

Concen: 19.149 ug/l

RT: 4.347 min Scan# 407

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

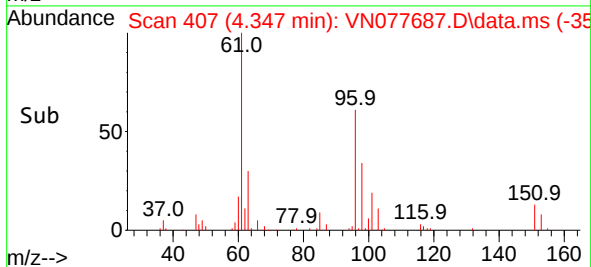
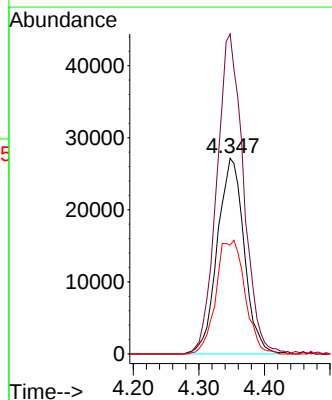
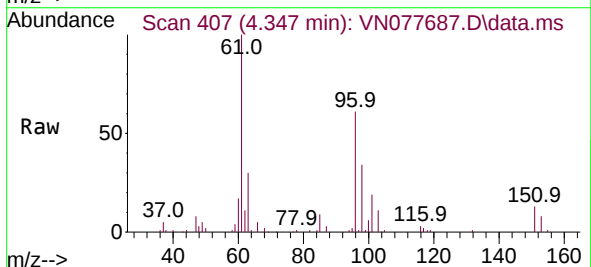
Tgt Ion: 96 Resp: 77069

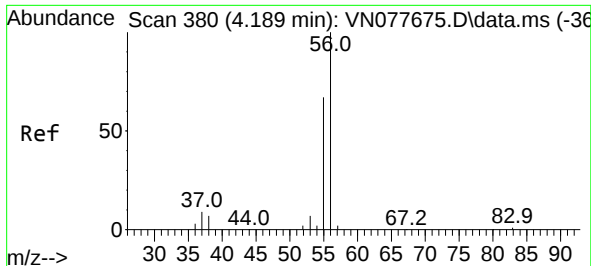
Ion Ratio Lower Upper

96 100

61 163.6 112.7 169.1

98 55.6 51.2 76.8

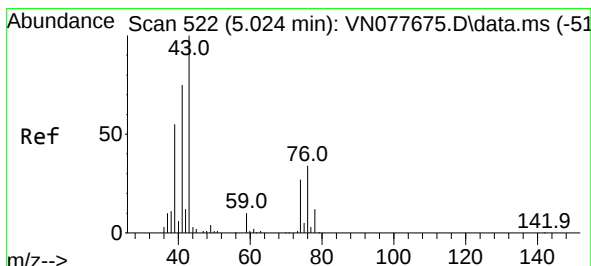
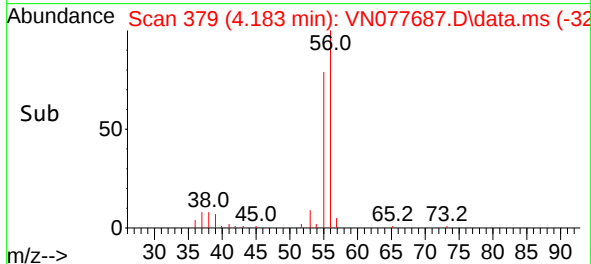
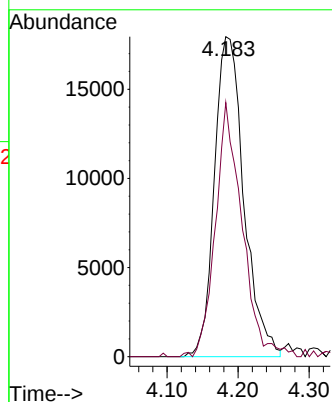
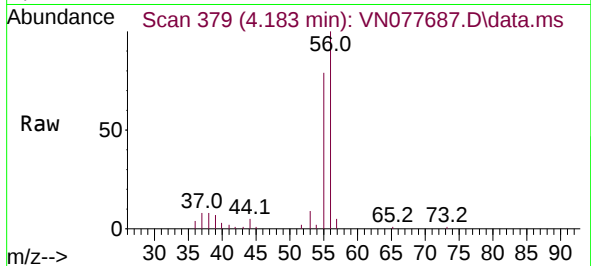




#13
Acrolein
Concen: 86.384 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

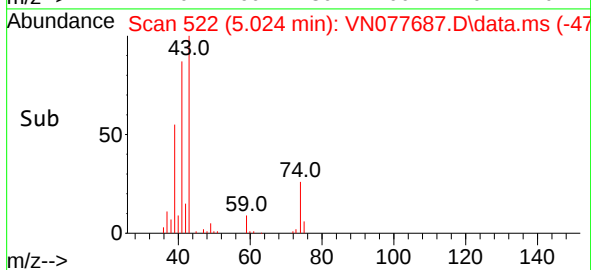
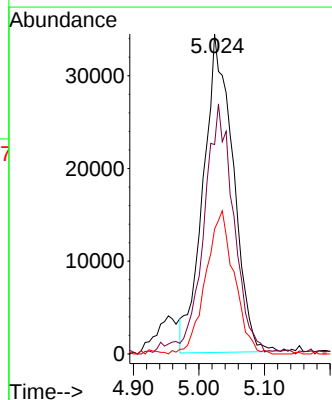
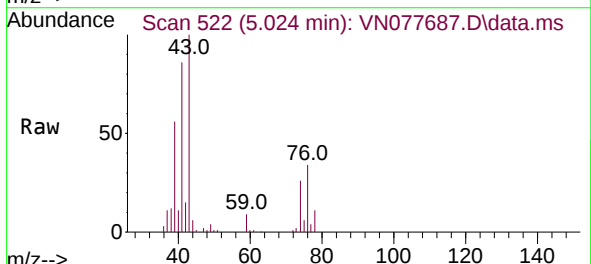
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

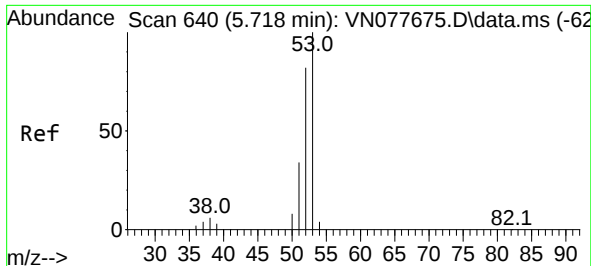
Tgt Ion: 56 Resp: 51708
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7



#14
Allyl chloride
Concen: 18.370 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 41 Resp: 108612
Ion Ratio Lower Upper
41 100
39 79.9 58.8 88.2
76 43.1 39.1 58.7

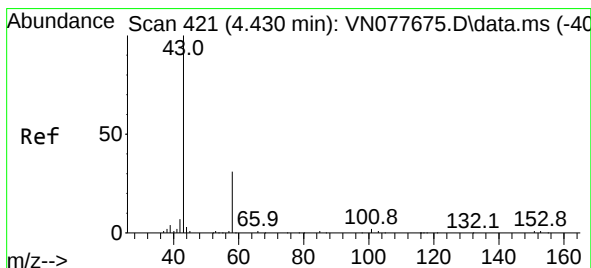
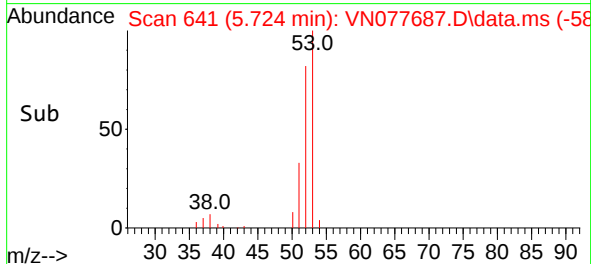
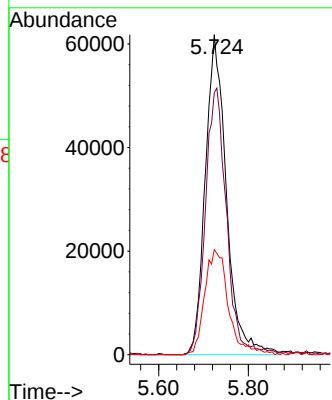
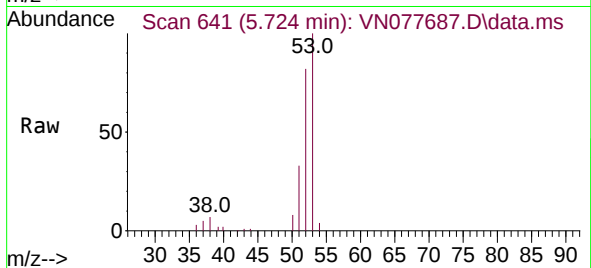




#15
Acrylonitrile
Concen: 95.550 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

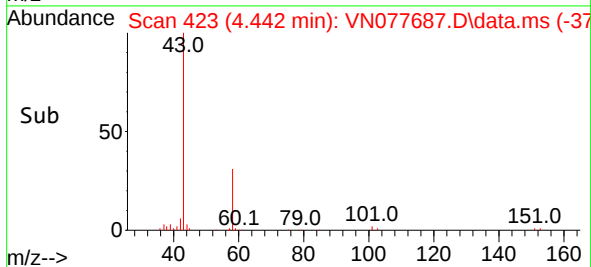
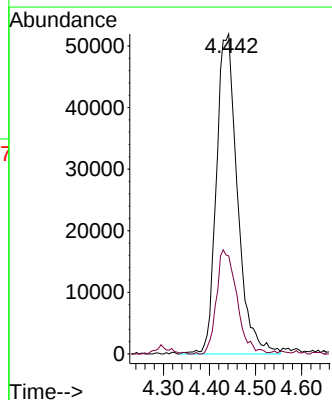
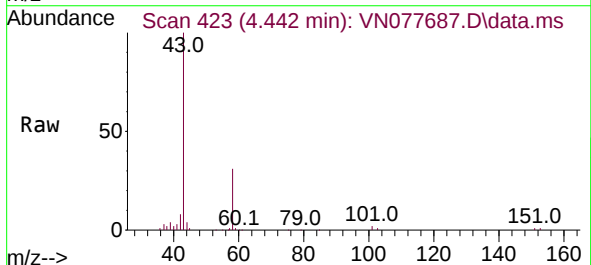
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

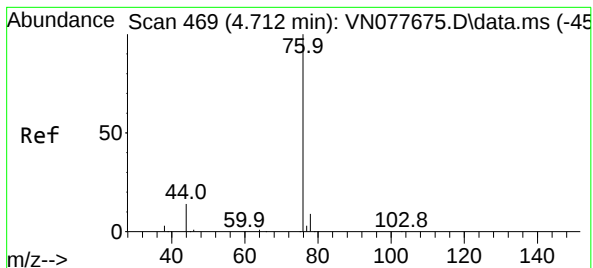
Tgt Ion: 53 Resp: 201709
Ion Ratio Lower Upper
53 100
52 82.4 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 91.396 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 43 Resp: 164632
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0





#17

Carbon Disulfide

Concen: 17.469 ug/l

RT: 4.724 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

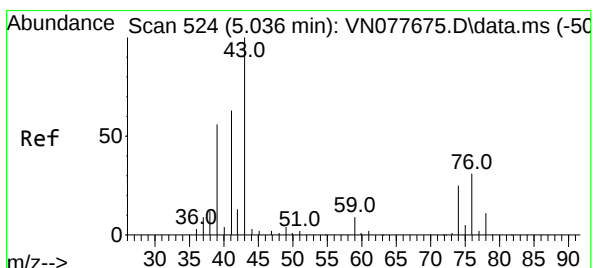
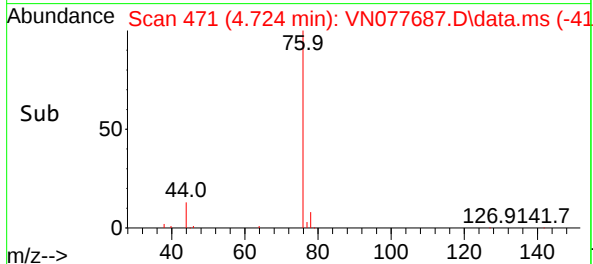
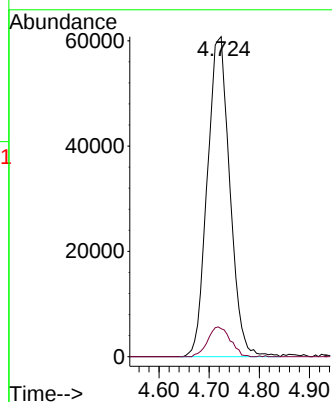
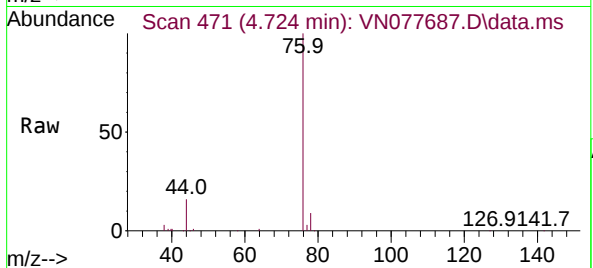
VN0516WBSD01

Tgt Ion: 76 Resp: 189441

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0



#18

Methyl Acetate

Concen: 19.238 ug/l

RT: 5.036 min Scan# 524

Delta R.T. -0.000 min

Lab File: VN077687.D

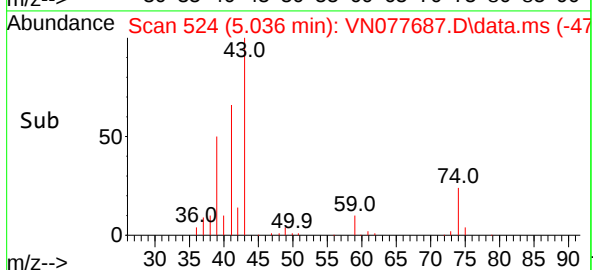
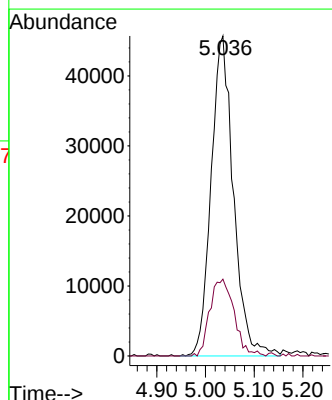
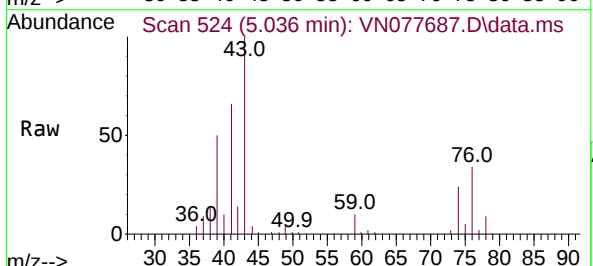
Acq: 16 May 2023 13:04

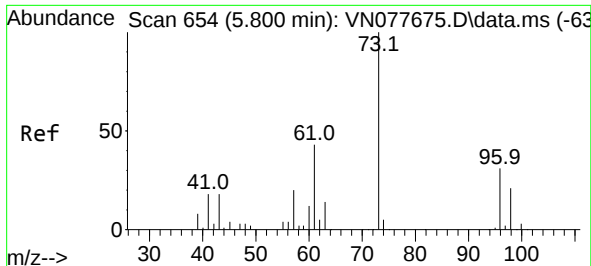
Tgt Ion: 43 Resp: 145378

Ion Ratio Lower Upper

43 100

74 26.1 26.2 39.4#

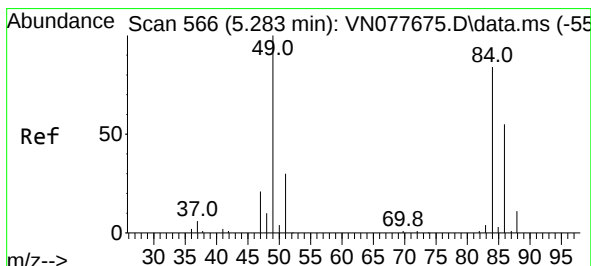
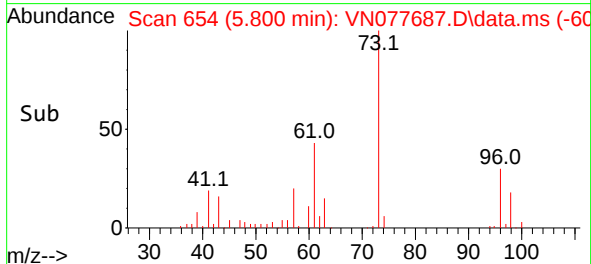
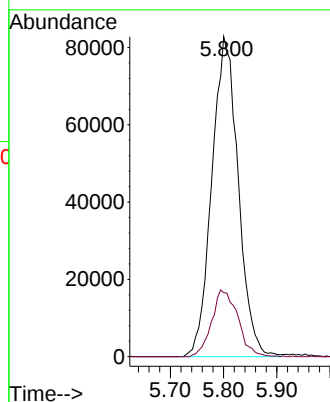
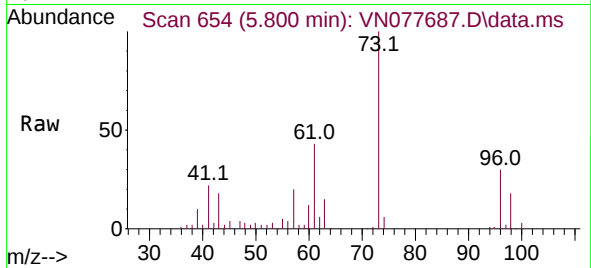




#19
Methyl tert-butyl Ether
Concen: 19.547 ug/l
RT: 5.800 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

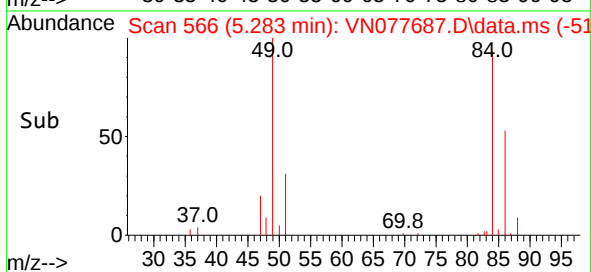
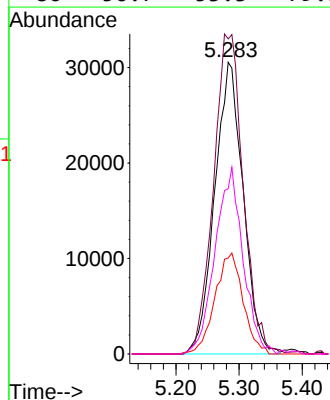
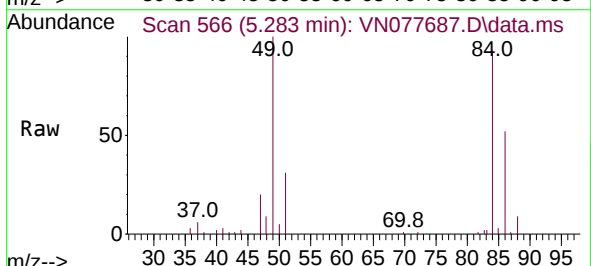
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

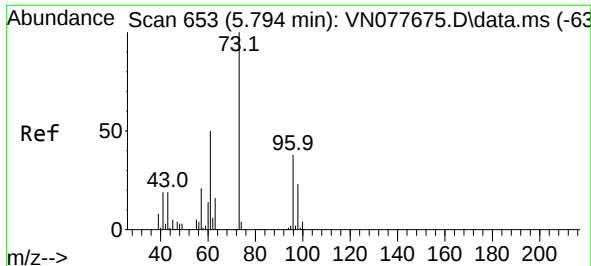
Tgt Ion: 73 Resp: 284746
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4



#20
Methylene Chloride
Concen: 19.148 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 84 Resp: 95490
Ion Ratio Lower Upper
84 100
49 108.0 79.7 119.5
51 32.9 25.2 37.8
86 56.7 53.3 79.9

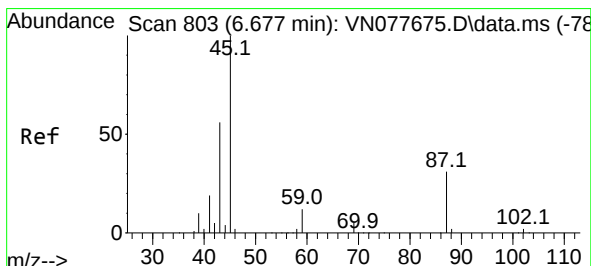
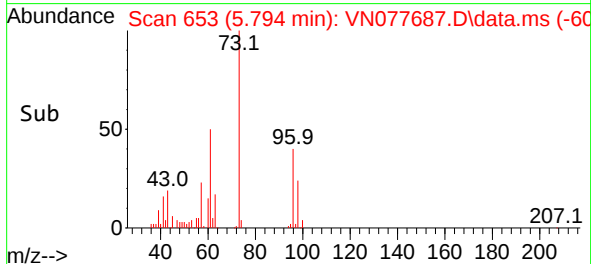
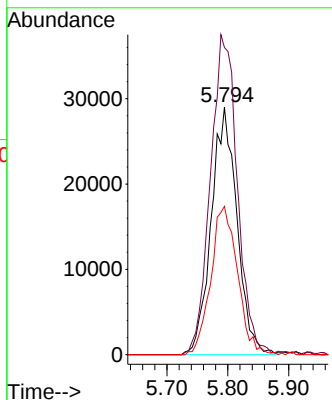
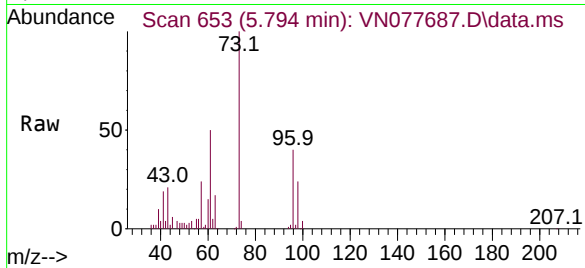




#21
trans-1,2-Dichloroethene
Concen: 18.845 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

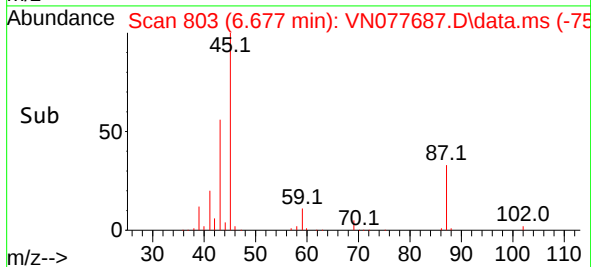
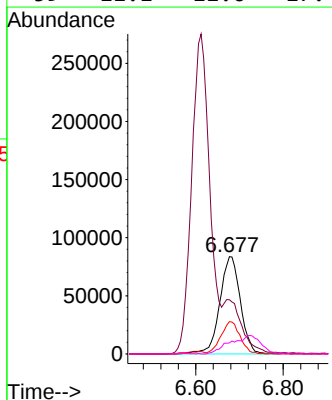
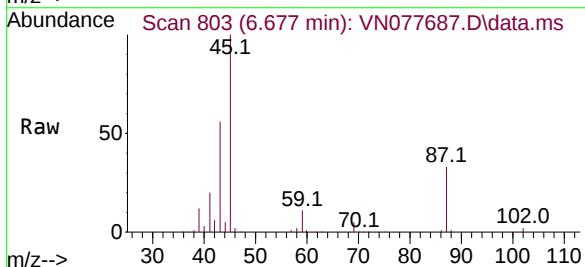
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

Tgt Ion: 96 Resp: 85195
Ion Ratio Lower Upper
96 100
61 124.0 90.1 135.1
98 59.9 46.4 69.6



#22
Diisopropyl ether
Concen: 19.719 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 45 Resp: 273267
Ion Ratio Lower Upper
45 100
43 54.5 45.5 68.3
87 33.2 31.8 47.8
59 11.1 11.6 17.4#

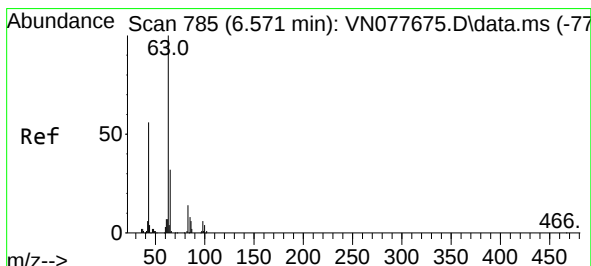
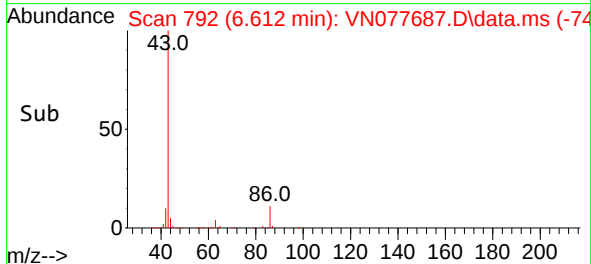
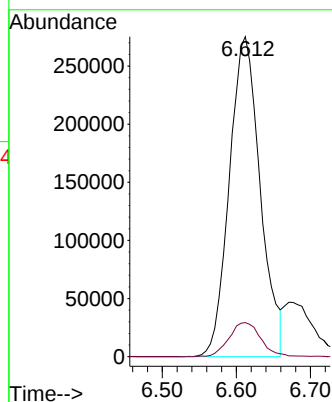
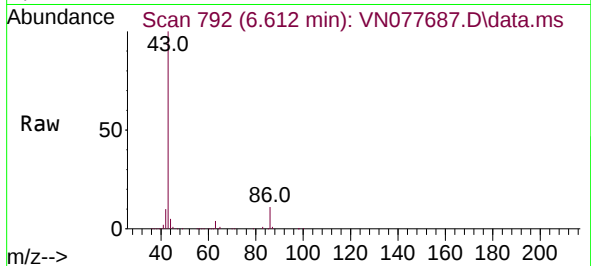




#23
 Vinyl Acetate
 Concen: 92.859 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077687.D
 Acq: 16 May 2023 13:04

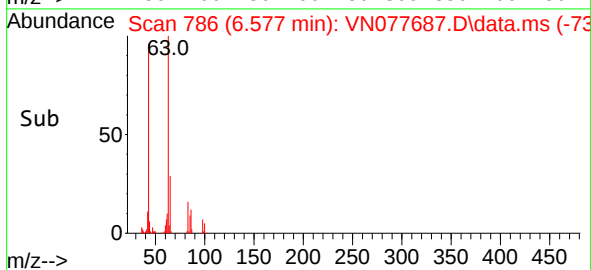
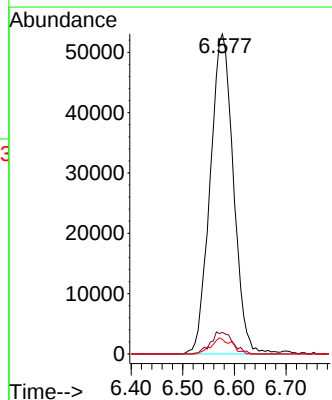
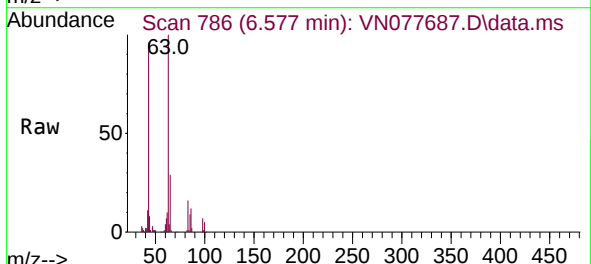
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

Tgt Ion: 43 Resp: 797312
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.511 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077687.D
 Acq: 16 May 2023 13:04

Tgt Ion: 63 Resp: 165653
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.6 2.5 7.4

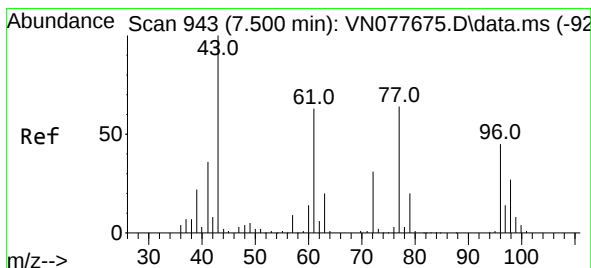
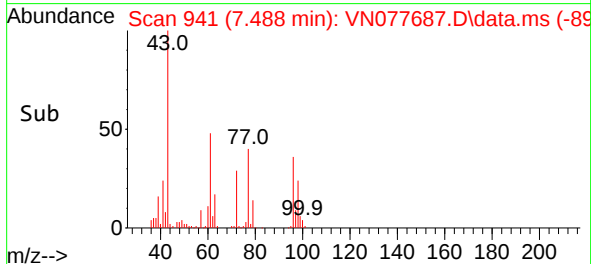
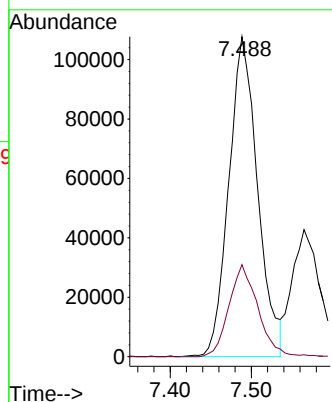
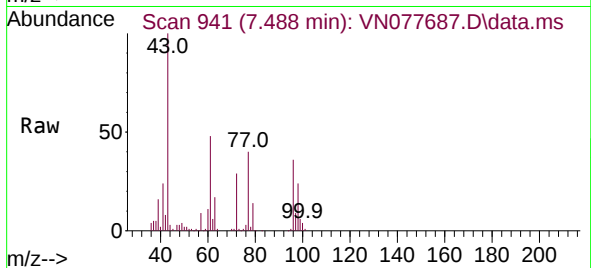




#25
2-Butanone
Concen: 94.338 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

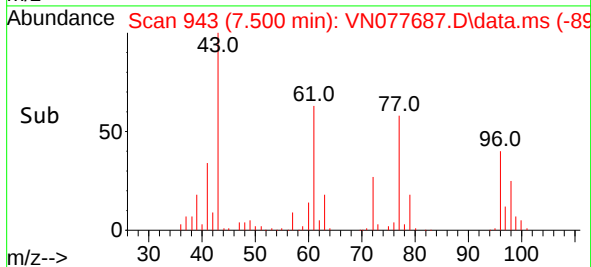
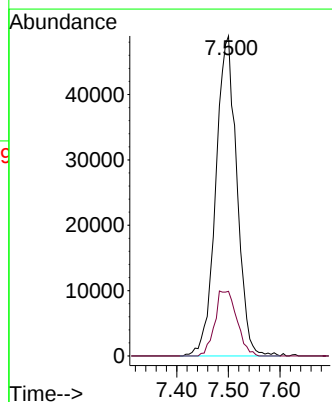
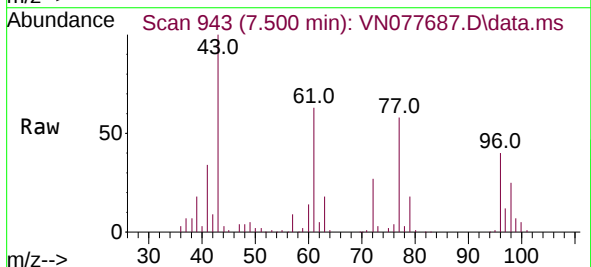
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

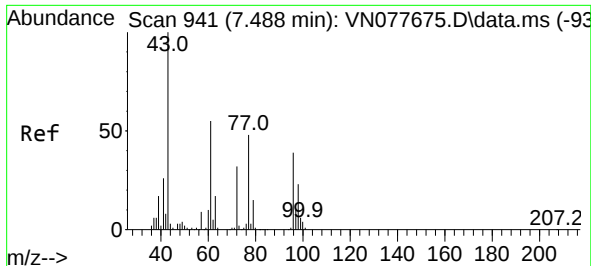
Tgt Ion: 43 Resp: 265825
Ion Ratio Lower Upper
43 100
72 28.8 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.215 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 77 Resp: 138601
Ion Ratio Lower Upper
77 100
97 21.3 11.2 33.6

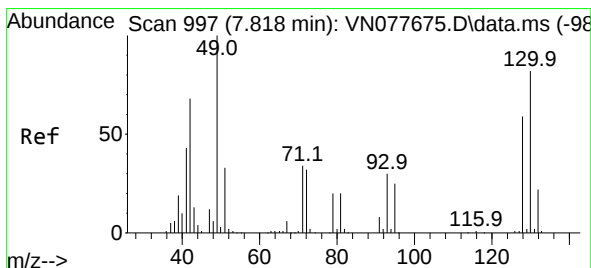
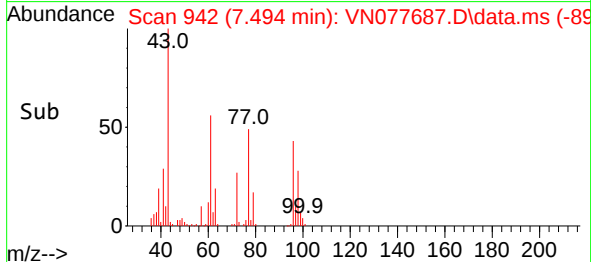
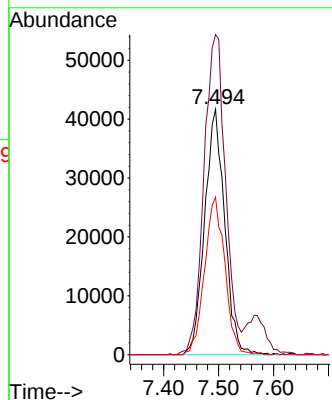
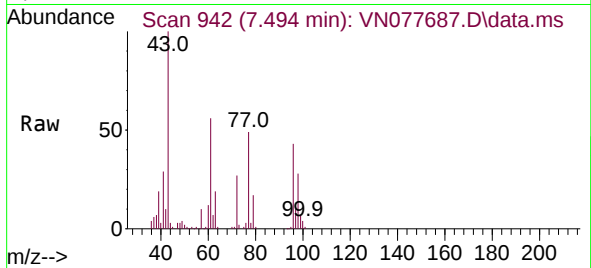




#27
 cis-1,2-Dichloroethene
 Concen: 19.494 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN077687.D
 Acq: 16 May 2023 13:04

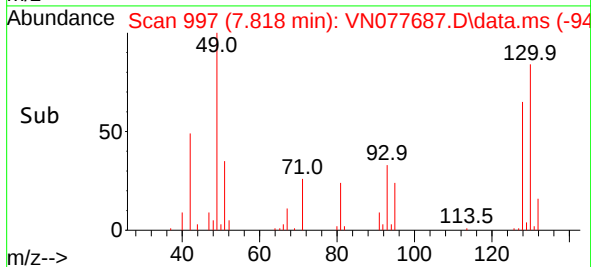
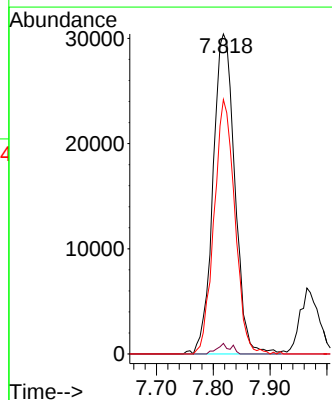
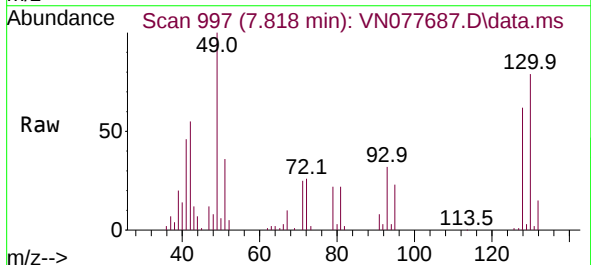
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

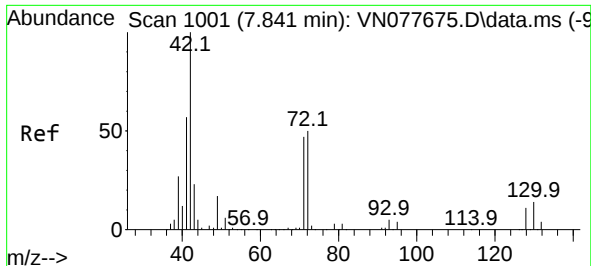
Tgt Ion: 96 Resp: 105672
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 255.2
 98 65.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 22.117 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN077687.D
 Acq: 16 May 2023 13:04

Tgt Ion: 49 Resp: 81211
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 75.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 92.561 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

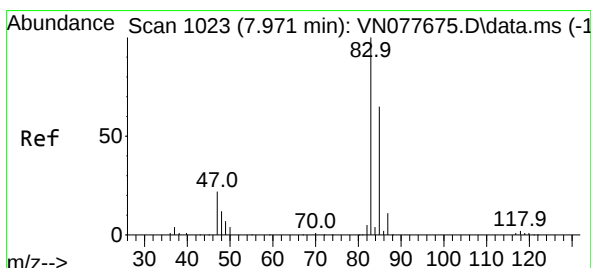
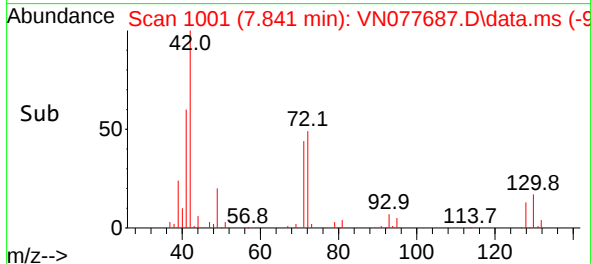
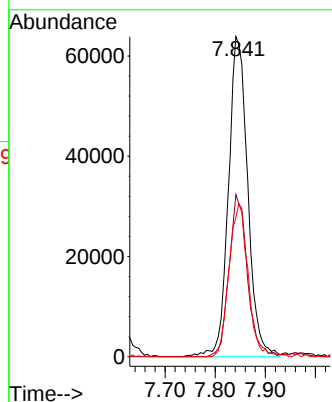
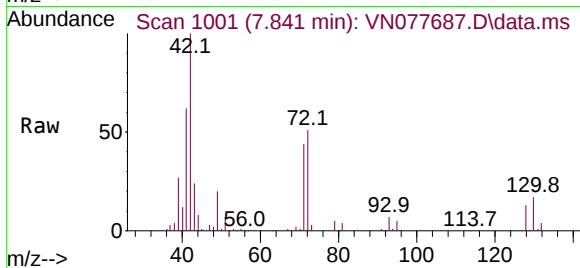
Tgt Ion: 42 Resp: 170781

Ion Ratio Lower Upper

42 100

72 48.3 49.8 74.6#

71 46.8 47.4 71.2#



#30

Chloroform

Concen: 19.083 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077687.D

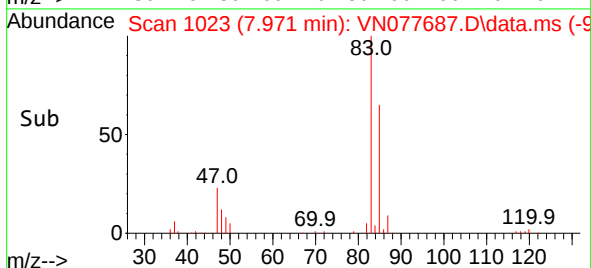
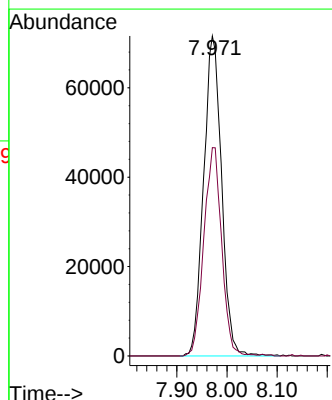
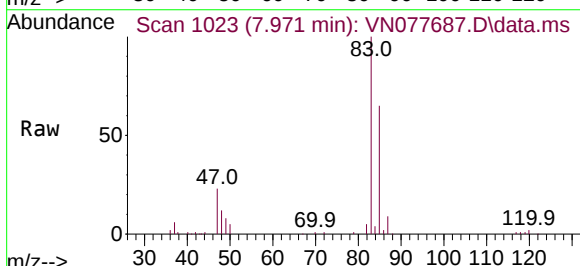
Acq: 16 May 2023 13:04

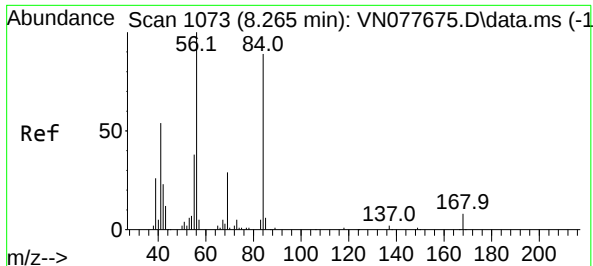
Tgt Ion: 83 Resp: 178226

Ion Ratio Lower Upper

83 100

85 65.1 55.4 83.0

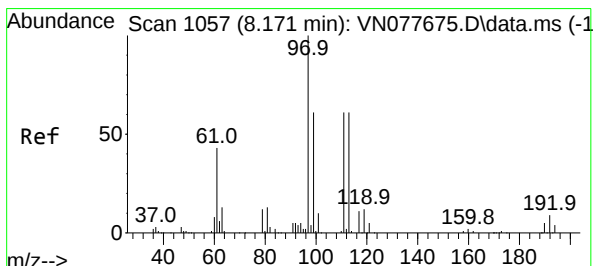
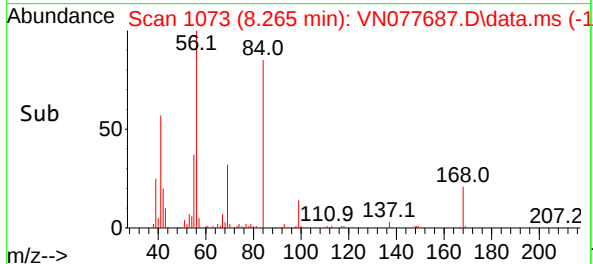
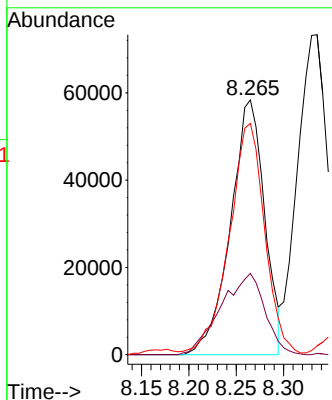
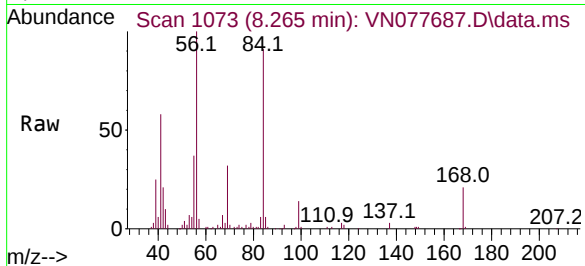




#31
Cyclohexane
Concen: 18.797 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

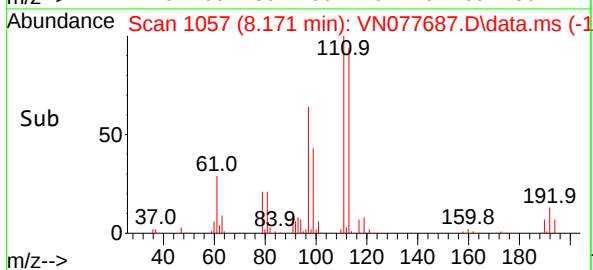
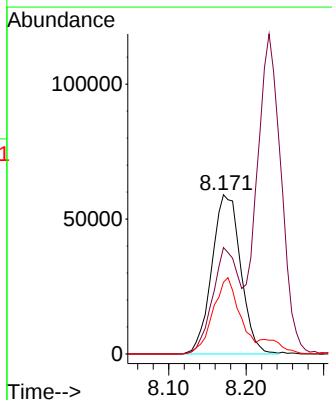
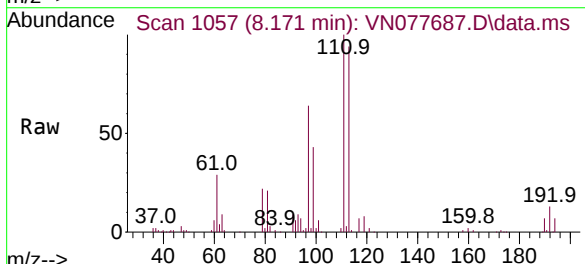
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

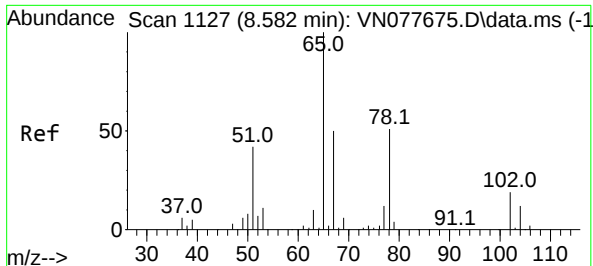
Tgt Ion: 56 Resp: 146275
Ion Ratio Lower Upper
56 100
69 31.5 26.8 40.2
84 89.7 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 19.248 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 97 Resp: 152841
Ion Ratio Lower Upper
97 100
99 59.7 50.3 75.5
61 45.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.472 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

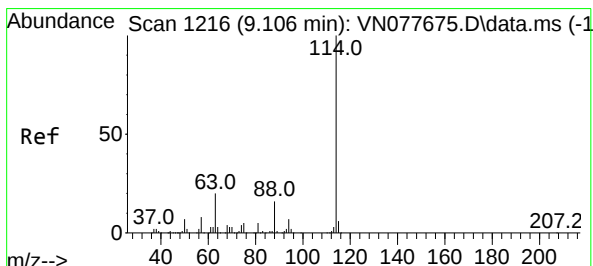
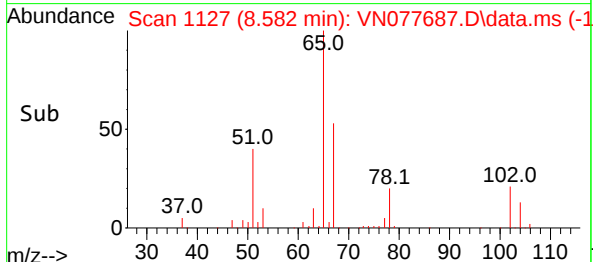
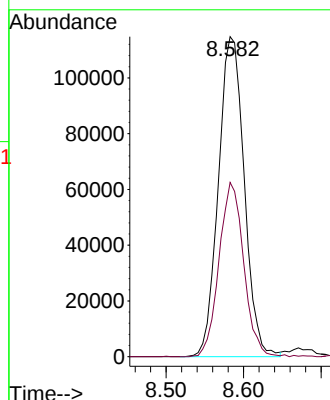
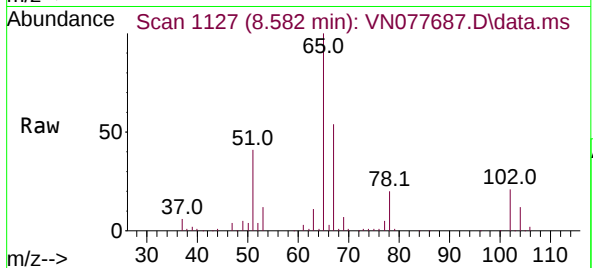
VN0516WBSD01

Tgt Ion: 65 Resp: 266074

Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

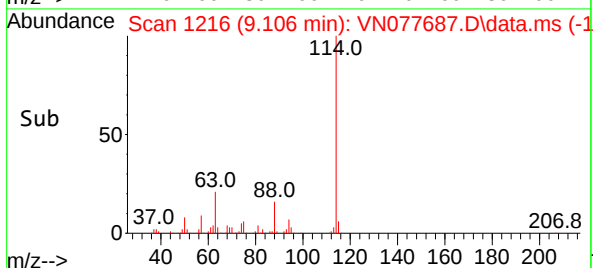
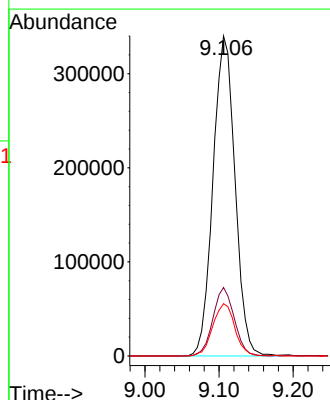
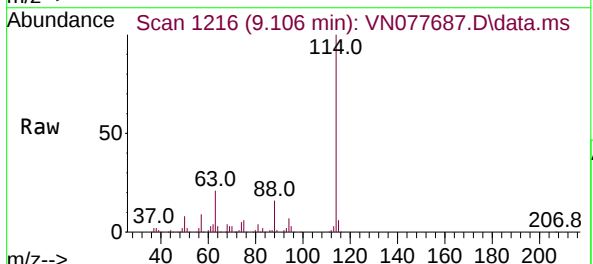
Tgt Ion: 114 Resp: 700649

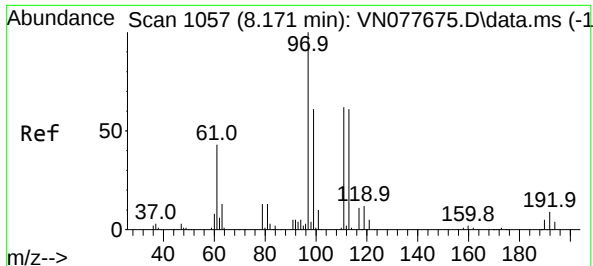
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.416 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

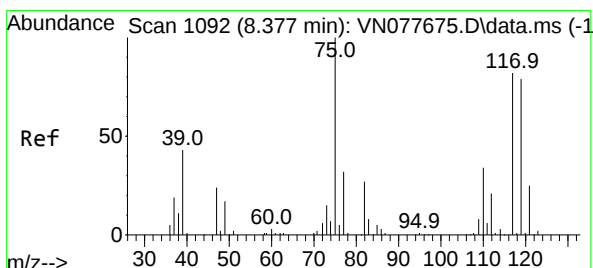
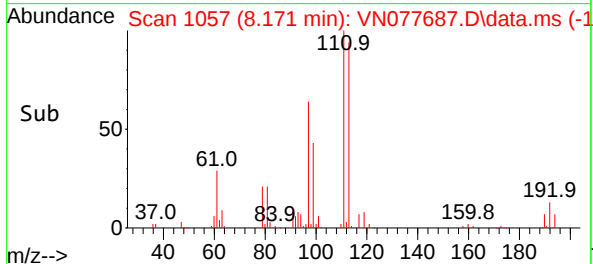
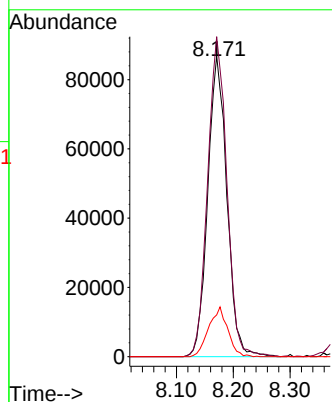
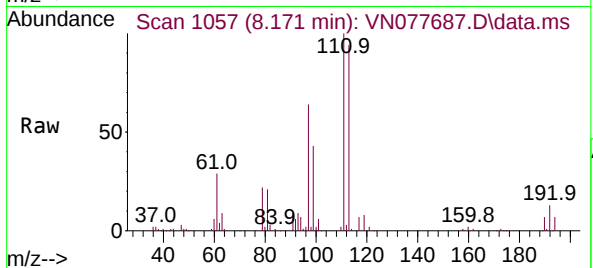
Tgt Ion:113 Resp: 202931

Ion Ratio Lower Upper

113 100

111 107.2 82.6 123.8

192 16.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 18.759 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

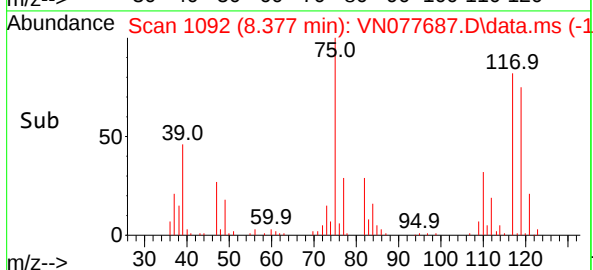
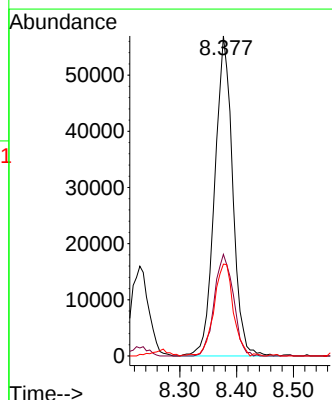
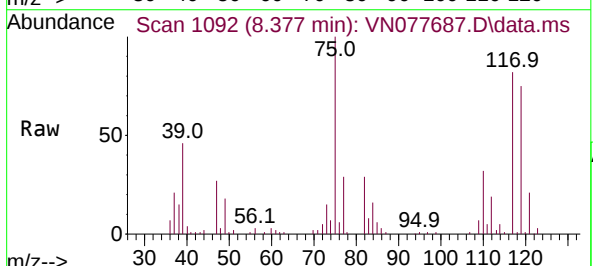
Tgt Ion: 75 Resp: 125362

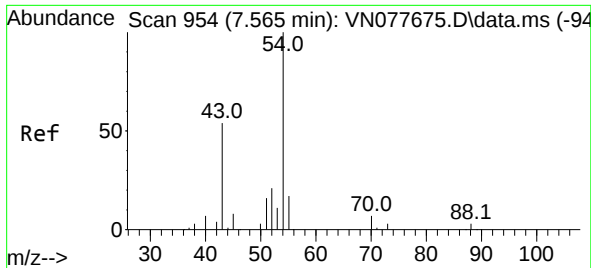
Ion Ratio Lower Upper

75 100

110 33.8 19.1 57.3

77 31.0 25.0 37.4

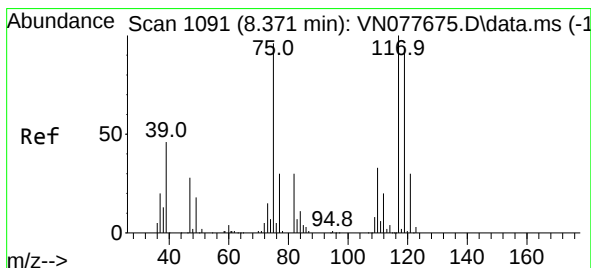
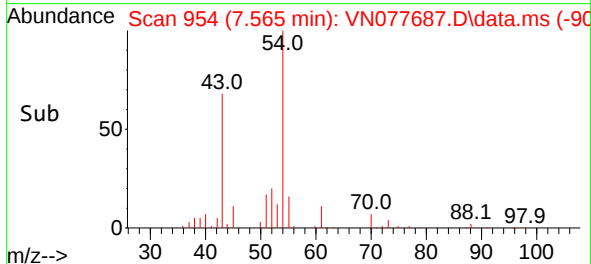
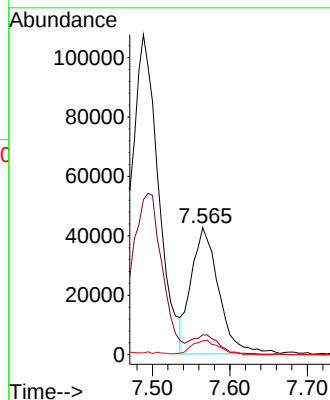
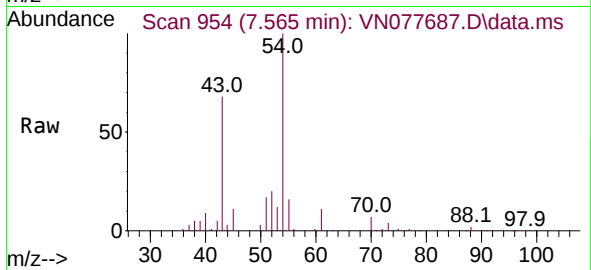




#37
Ethyl Acetate
Concen: 17.583 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

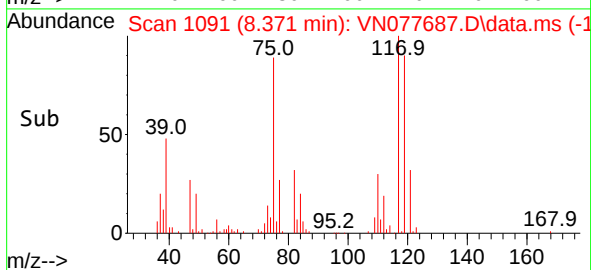
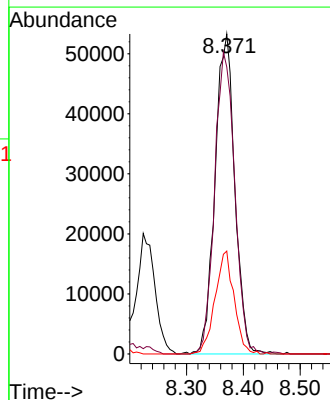
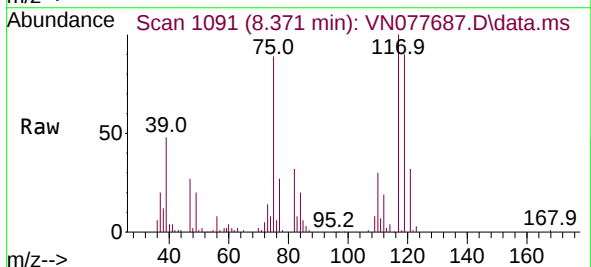
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

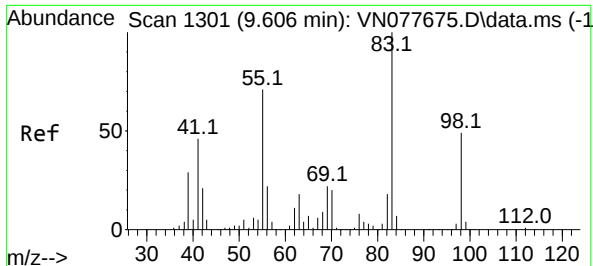
Tgt Ion: 43 Resp: 104729
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 11.5 11.3 16.9



#38
Carbon Tetrachloride
Concen: 19.125 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 117 Resp: 129055
Ion Ratio Lower Upper
117 100
119 89.7 77.3 115.9
121 32.2 23.3 34.9





#39

Methylcyclohexane

Concen: 19.683 ug/l

RT: 9.612 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

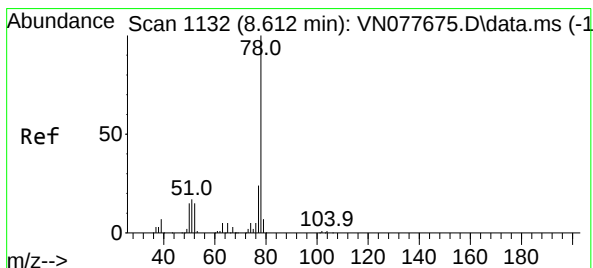
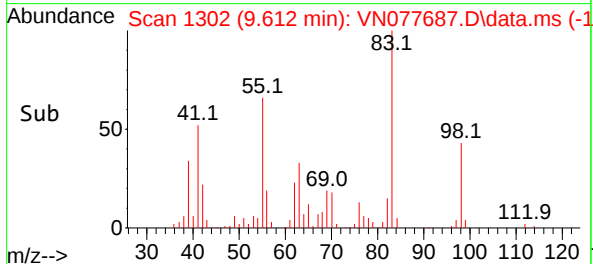
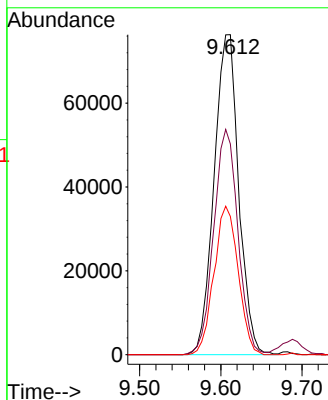
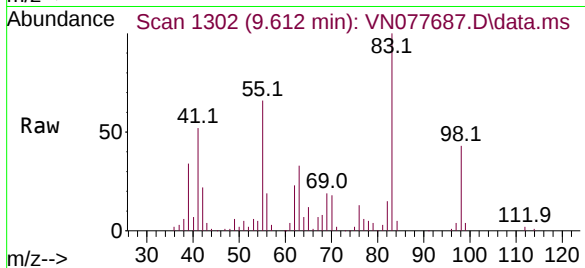
Tgt Ion: 83 Resp: 161035

Ion Ratio Lower Upper

83 100

55 65.8 49.1 73.7

98 43.2 40.6 61.0



#40

Benzene

Concen: 19.403 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077687.D

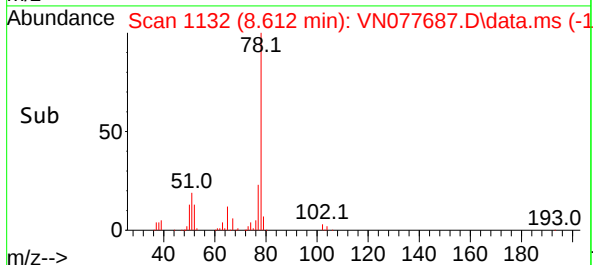
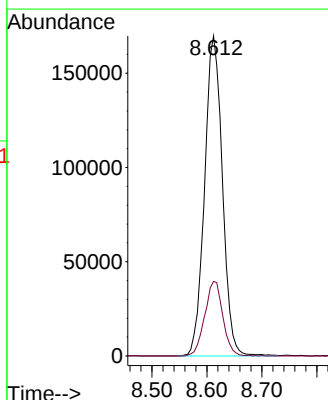
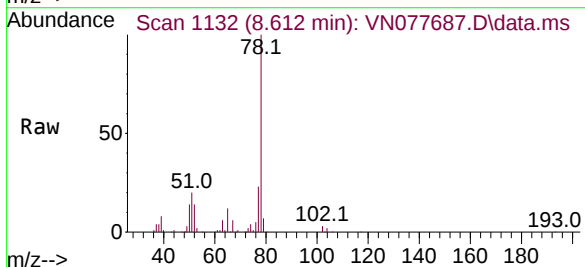
Acq: 16 May 2023 13:04

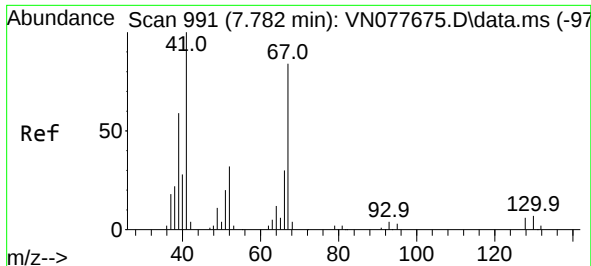
Tgt Ion: 78 Resp: 382635

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

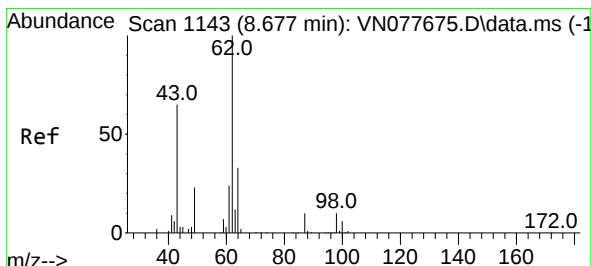
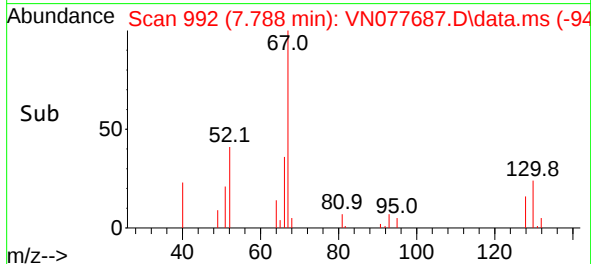
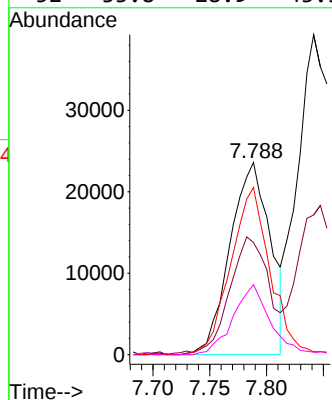
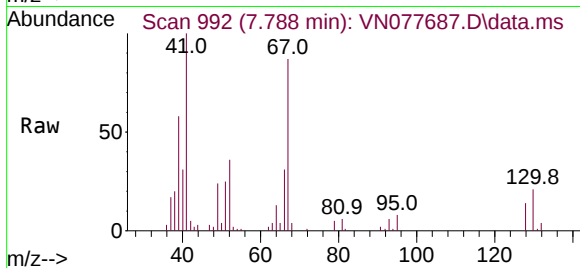




#41
Methacrylonitrile
Concen: 18.337 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

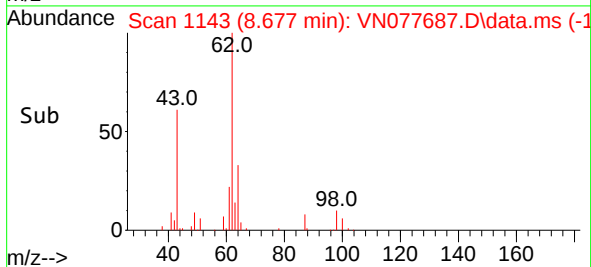
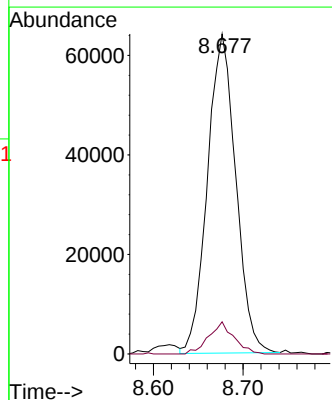
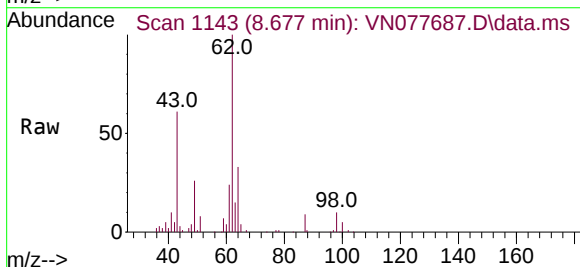
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

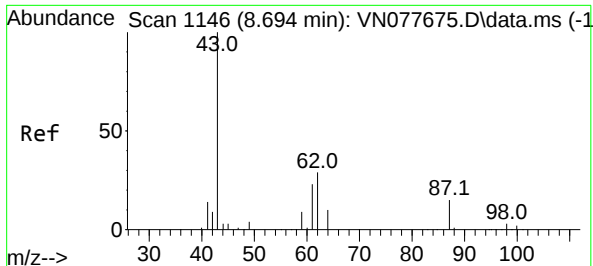
Tgt Ion:	41	Resp:	58165
Ion	Ratio	Lower	Upper
41	100		
39	59.9	42.6	64.0
67	85.2	77.5	116.3
52	33.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 19.612 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion:	62	Resp:	140489
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8

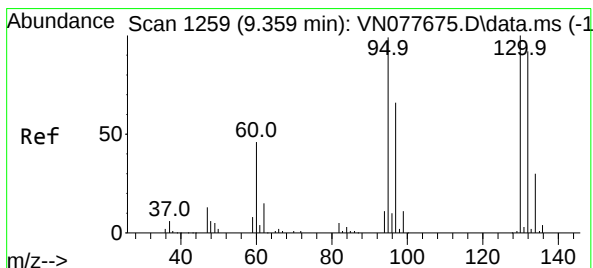
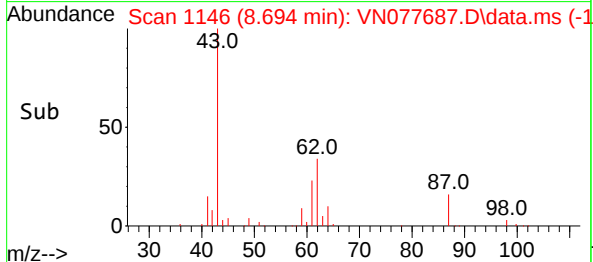
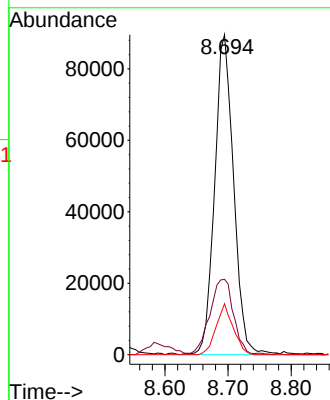
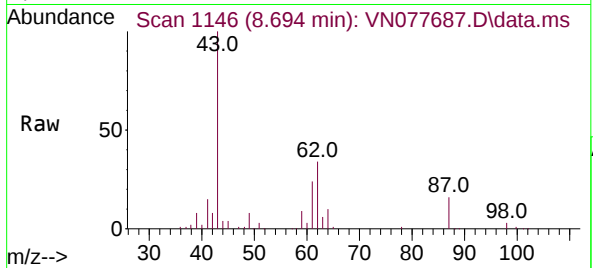




#43
Isopropyl Acetate
Concen: 19.189 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

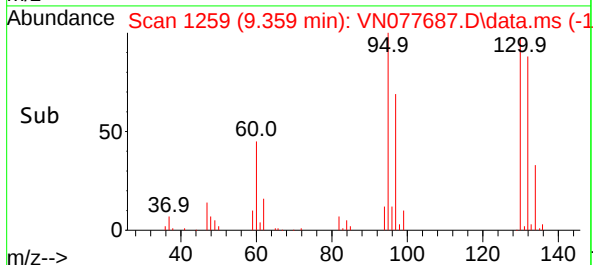
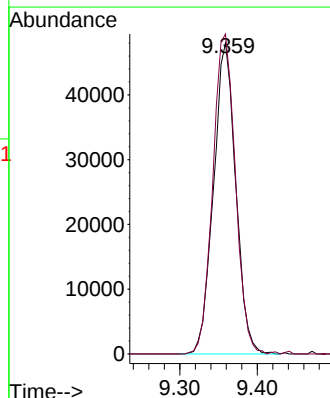
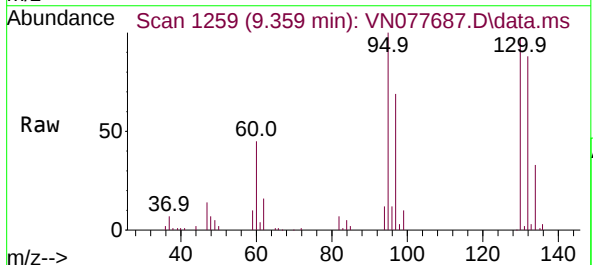
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

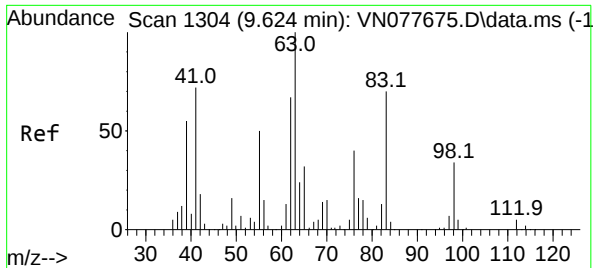
Tgt Ion: 43 Resp: 186688
Ion Ratio Lower Upper
43 100
61 29.6 24.7 37.1
87 14.3 14.6 21.8#



#44
Trichloroethene
Concen: 19.126 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion:130 Resp: 95504
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.581 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

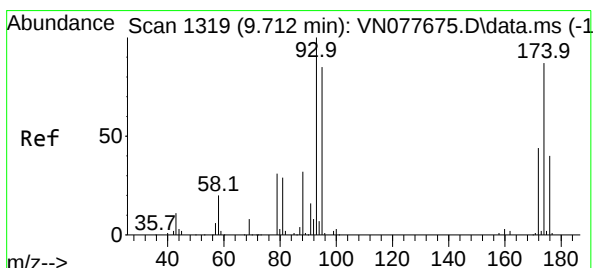
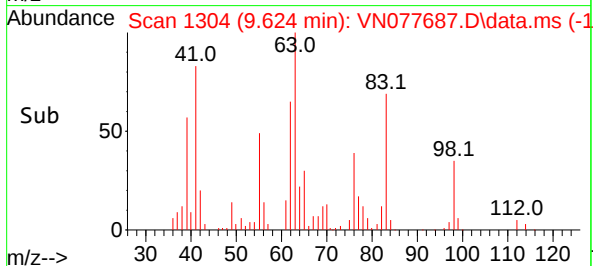
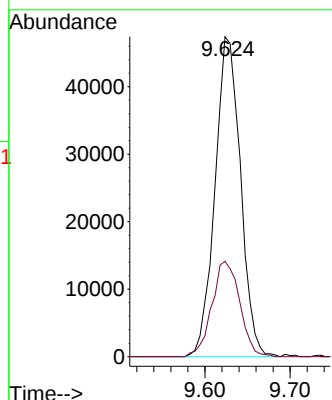
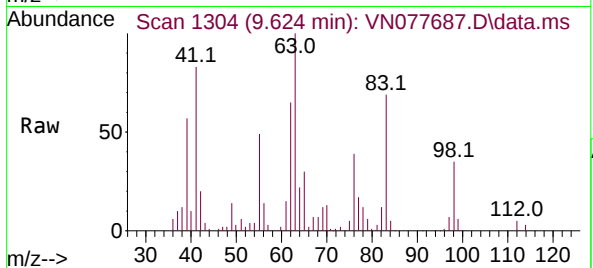
VN0516WBSD01

Tgt Ion: 63 Resp: 98494

Ion Ratio Lower Upper

63 100

65 29.8 23.9 35.9



#46

Dibromomethane

Concen: 19.264 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

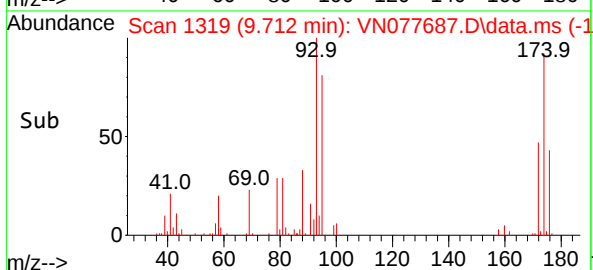
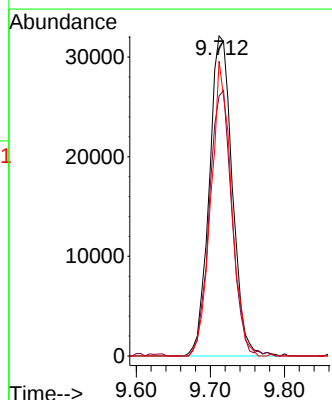
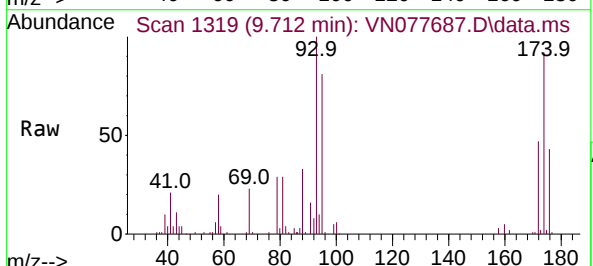
Tgt Ion: 93 Resp: 69339

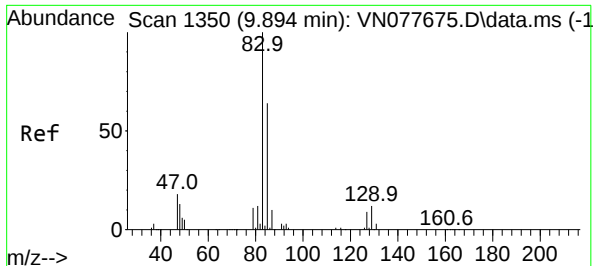
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

174 81.4 65.6 98.4

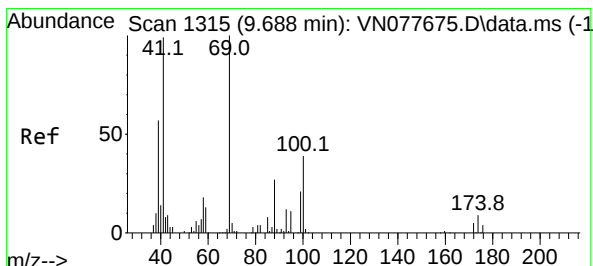
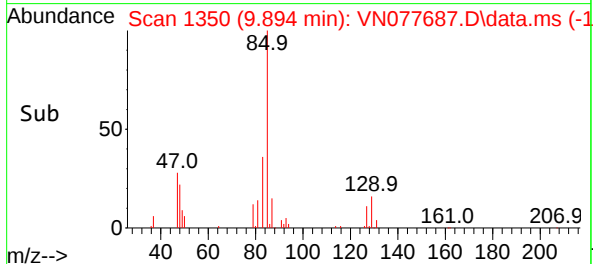
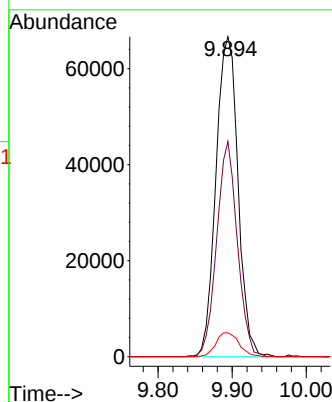
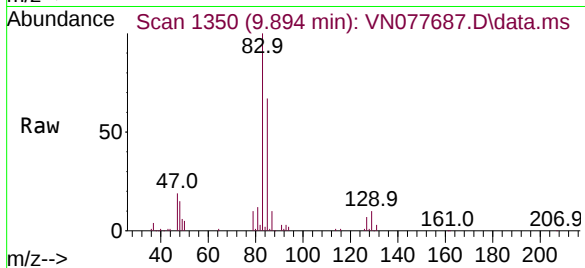




#47
Bromodichloromethane
Concen: 19.990 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

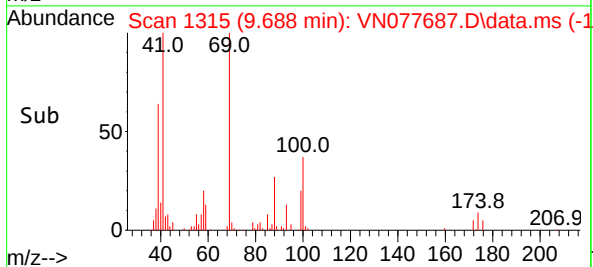
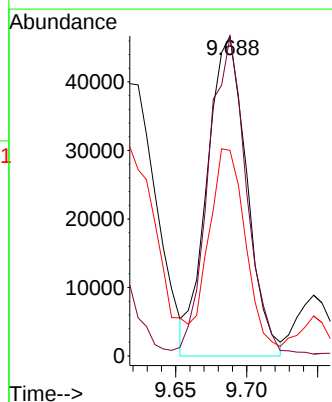
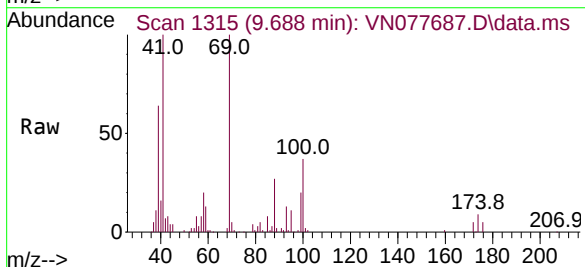
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

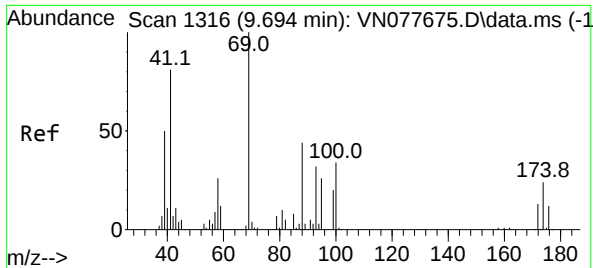
Tgt Ion: 83 Resp: 137748
Ion Ratio Lower Upper
83 100
85 67.3 49.6 74.4
127 7.5 7.0 10.6



#48
Methyl methacrylate
Concen: 19.694 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 41 Resp: 90844
Ion Ratio Lower Upper
41 100
69 96.7 90.4 135.6
39 60.8 54.6 81.8

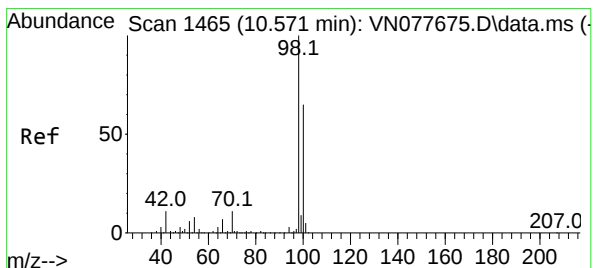
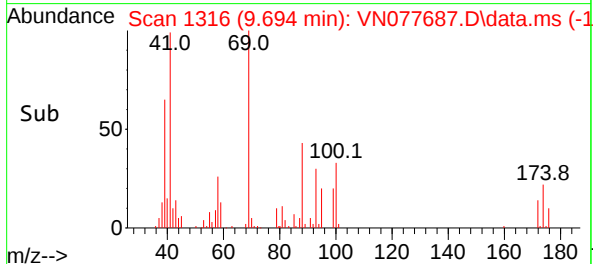
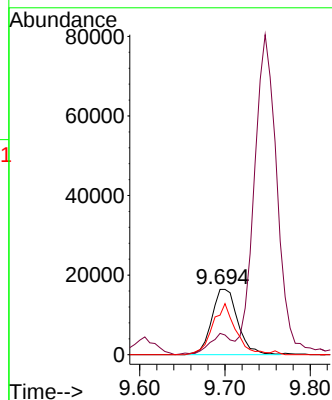
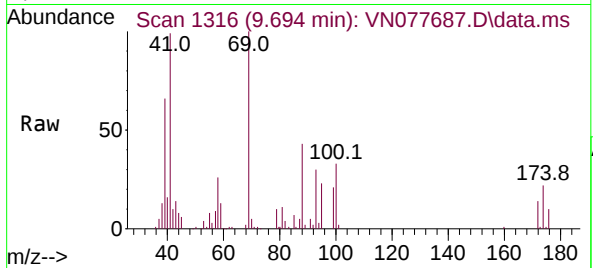




#49
1,4-Dioxane
Concen: 400.221 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

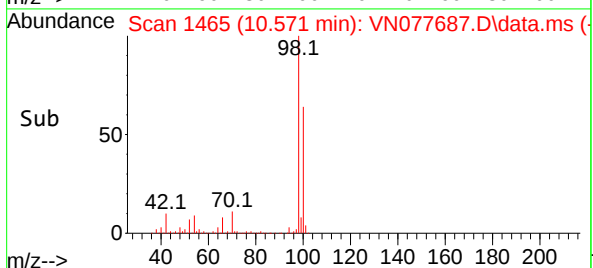
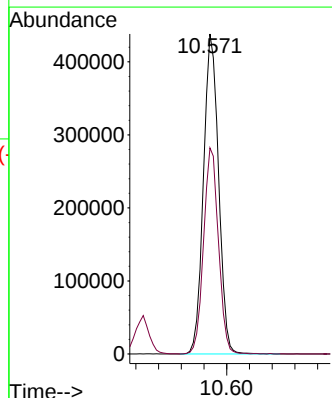
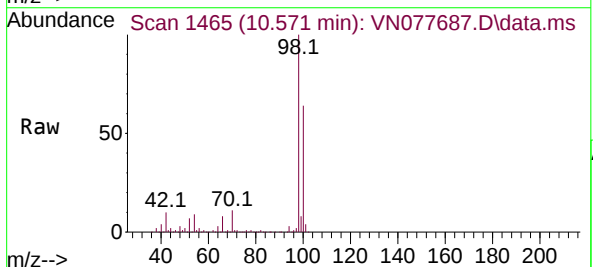
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

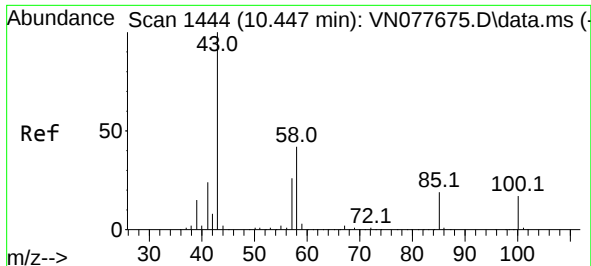
Tgt Ion: 88 Resp: 34868
Ion Ratio Lower Upper
88 100
43 28.5 17.0 25.6#
58 70.9 47.0 70.4#



#50
Toluene-d8
Concen: 45.855 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 98 Resp: 806405
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0

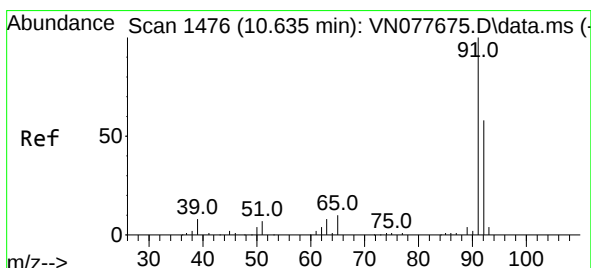
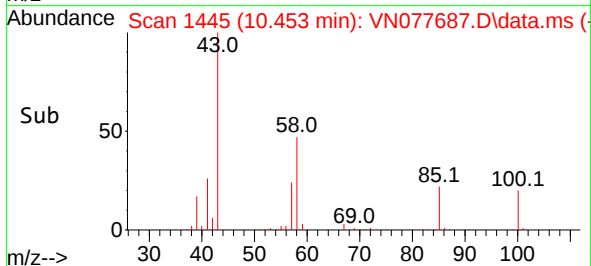
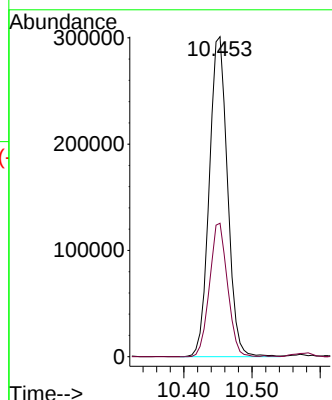
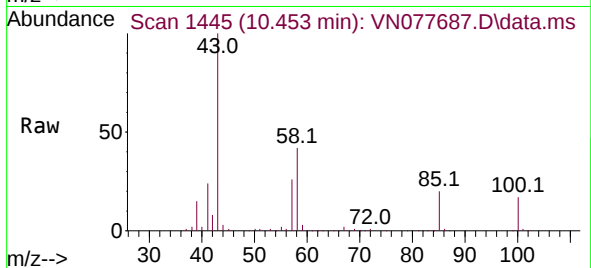




#51
4-Methyl-2-Pentanone
Concen: 96.832 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

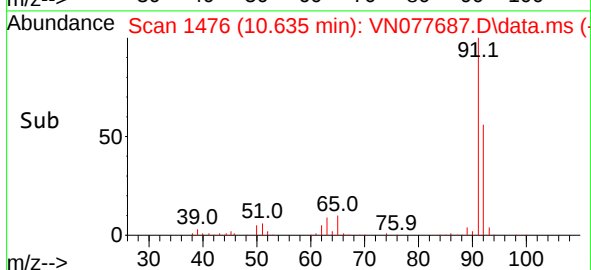
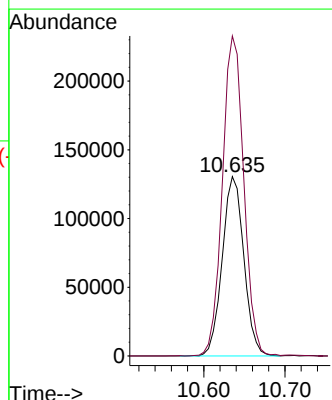
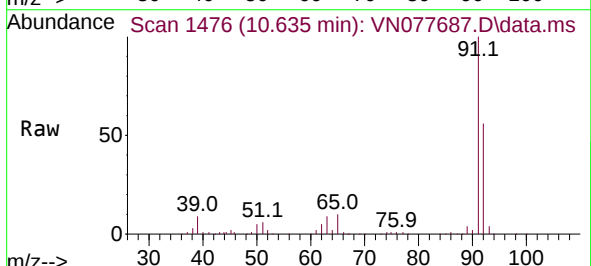
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

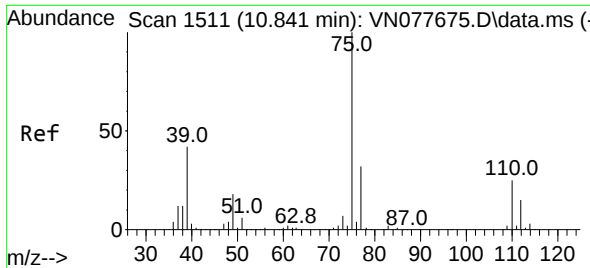
Tgt Ion: 43 Resp: 559985
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8



#52
Toluene
Concen: 19.657 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 92 Resp: 241331
Ion Ratio Lower Upper
92 100
91 176.8 137.4 206.0

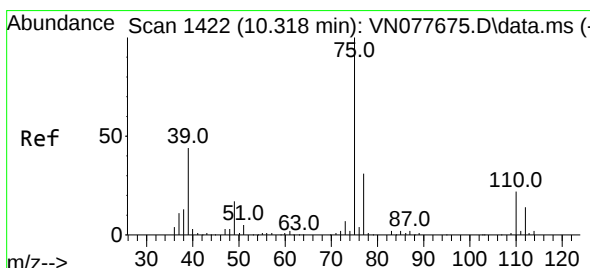
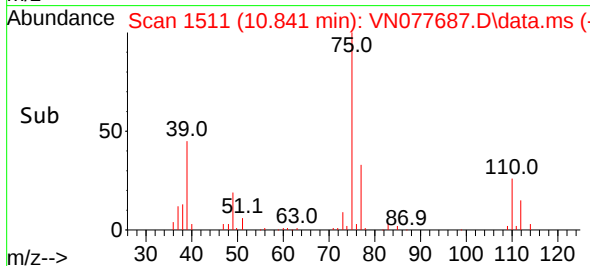
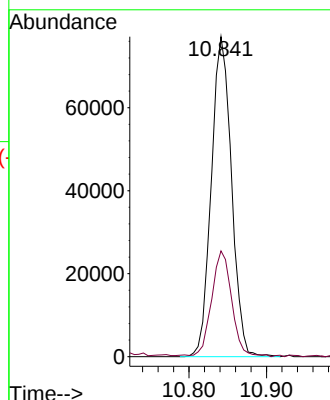
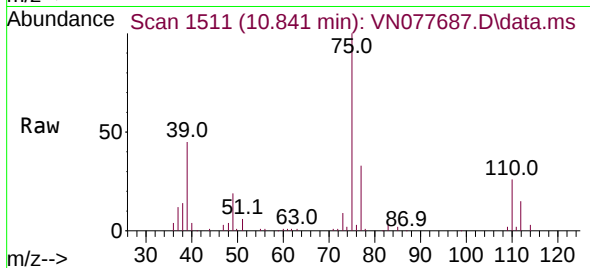




#53
 t-1,3-Dichloropropene
 Concen: 19.146 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077687.D
 Acq: 16 May 2023 13:04

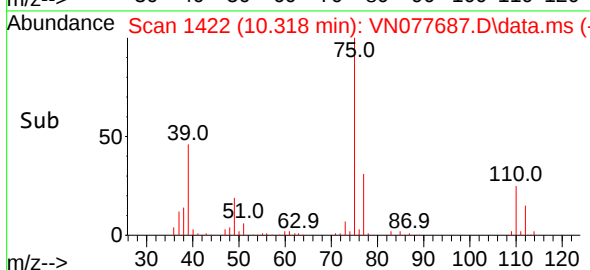
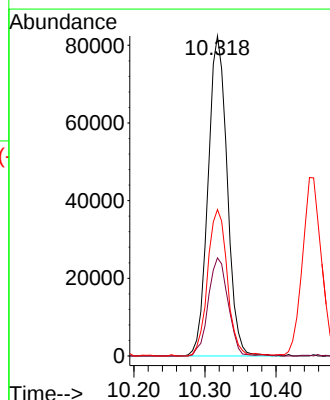
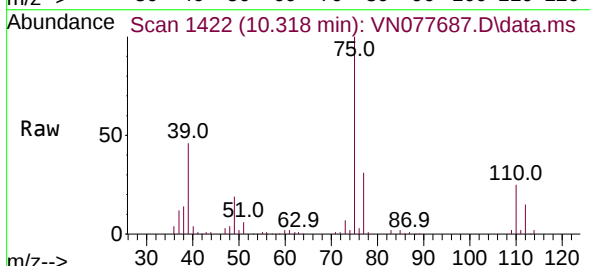
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0516WBSD01

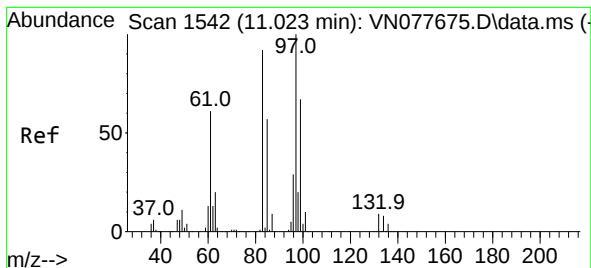
Tgt Ion: 75 Resp: 139718
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.159 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077687.D
 Acq: 16 May 2023 13:04

Tgt Ion: 75 Resp: 154072
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 45.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.244 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

Tgt Ion: 97 Resp: 93807

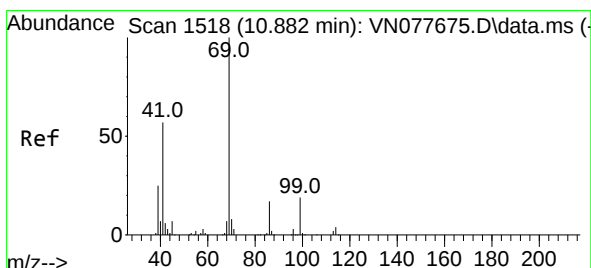
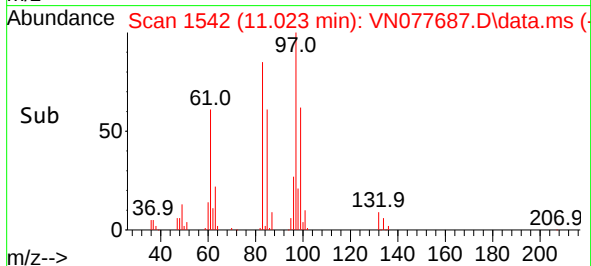
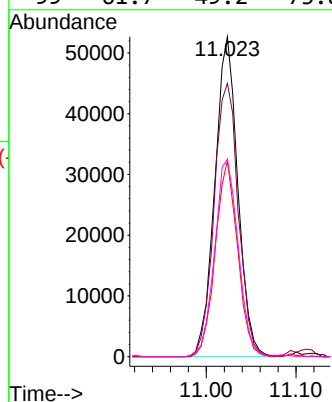
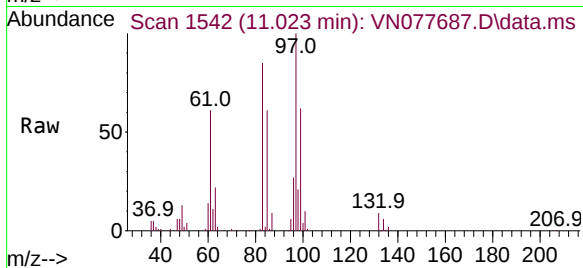
Ion Ratio Lower Upper

97 100

83 85.4 65.1 97.7

85 61.3 43.4 65.2

99 61.7 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.285 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

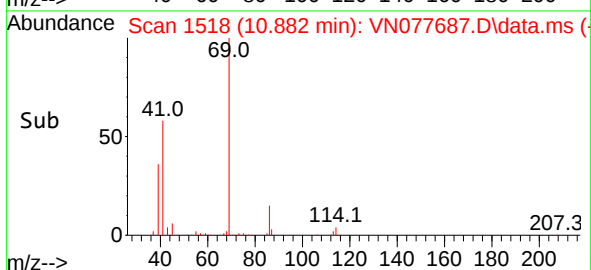
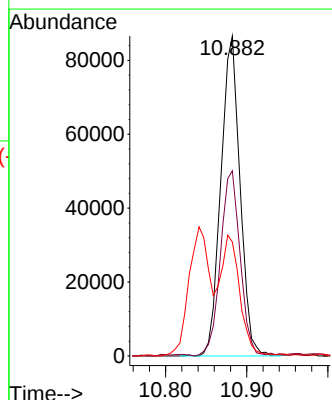
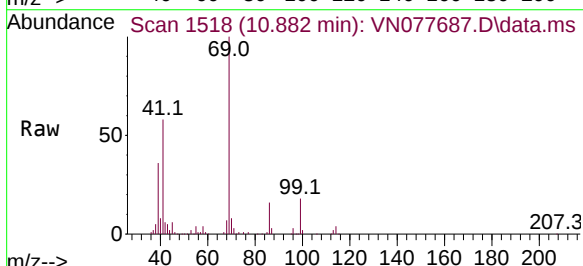
Tgt Ion: 69 Resp: 142139

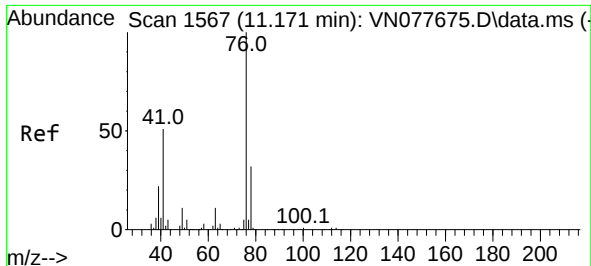
Ion Ratio Lower Upper

69 100

41 59.4 39.6 59.4

39 37.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 19.733 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

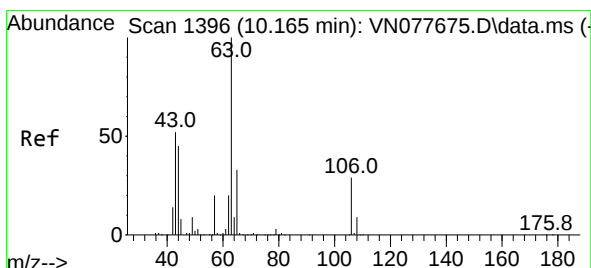
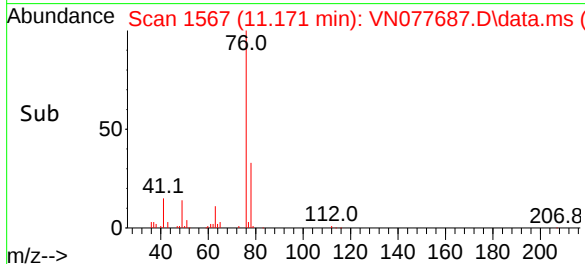
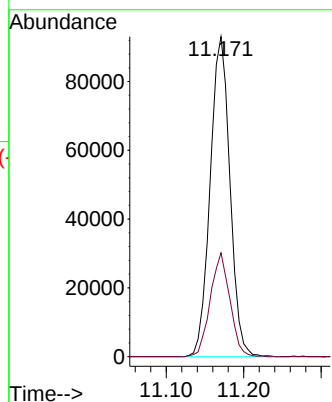
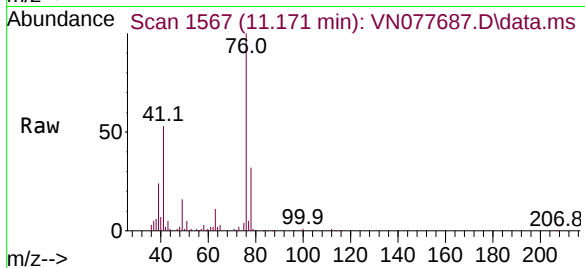
VN0516WBSD01

Tgt Ion: 76 Resp: 164906

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 90.697 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077687.D

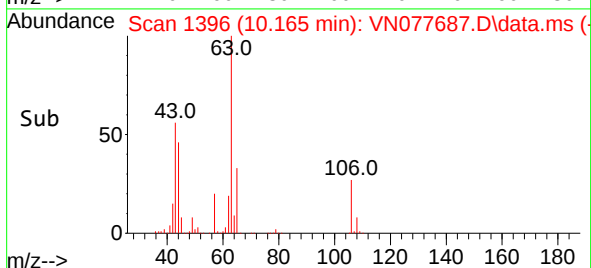
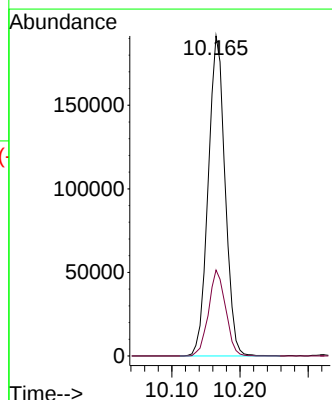
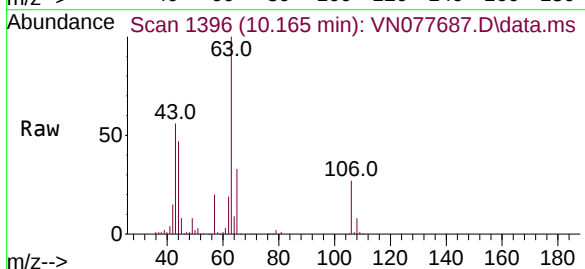
Acq: 16 May 2023 13:04

Tgt Ion: 63 Resp: 328867

Ion Ratio Lower Upper

63 100

106 27.1 26.2 39.4

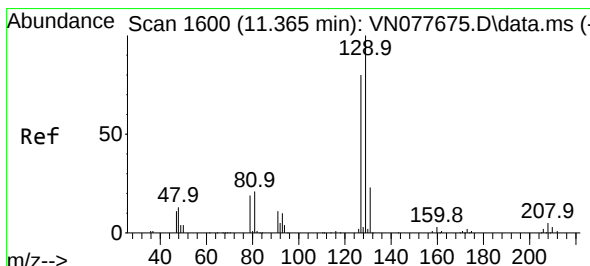
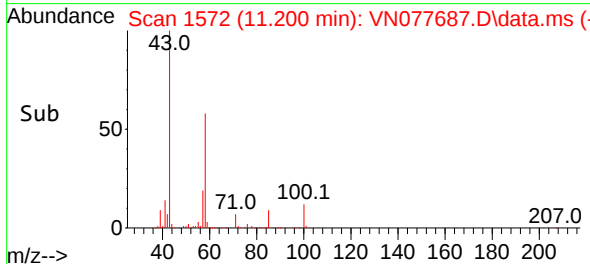
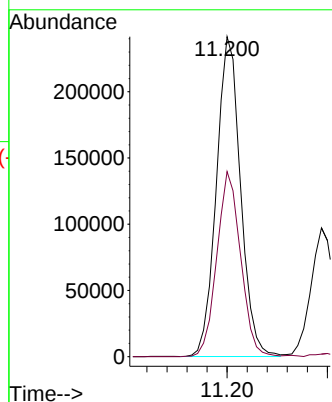
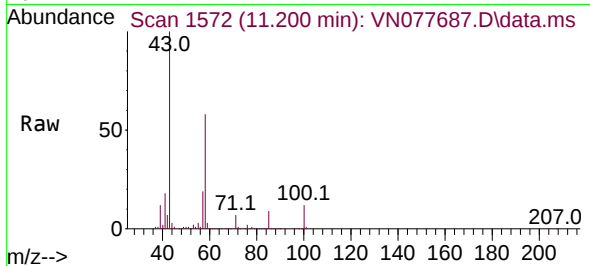




#59
2-Hexanone
Concen: 94.329 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

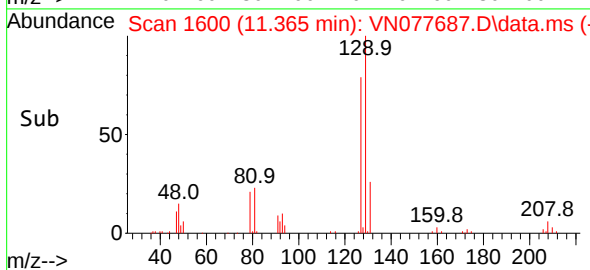
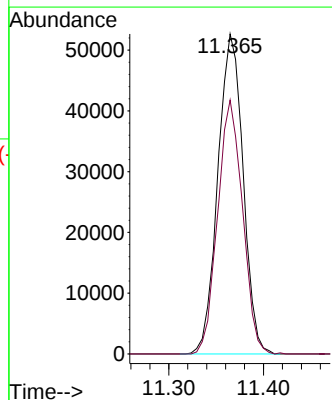
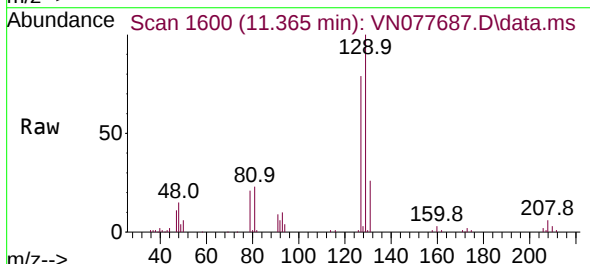
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

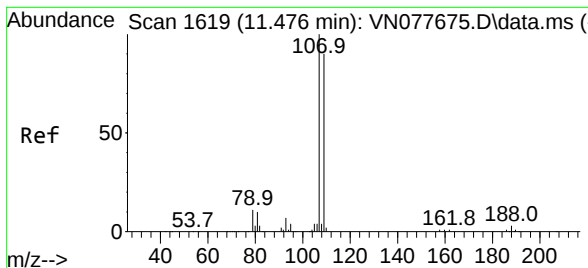
Tgt Ion: 43 Resp: 403491
Ion Ratio Lower Upper
43 100
58 57.0 31.7 95.1



#60
Dibromochloromethane
Concen: 19.342 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 129 Resp: 97334
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0

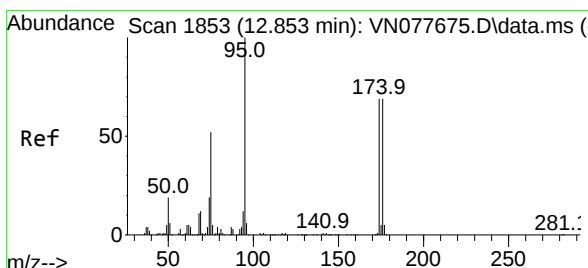
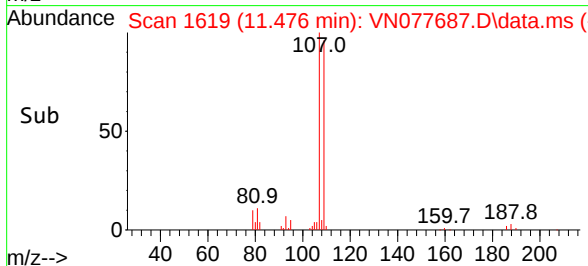
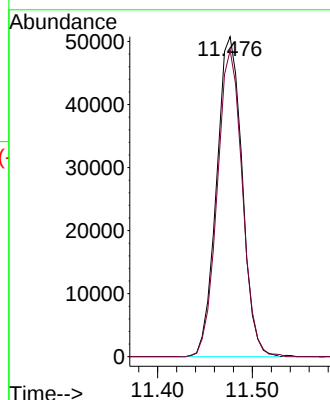
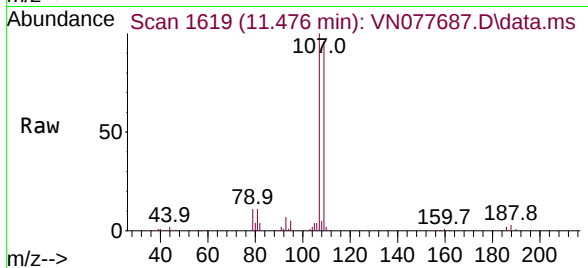




#61
1,2-Dibromoethane
Concen: 19.546 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

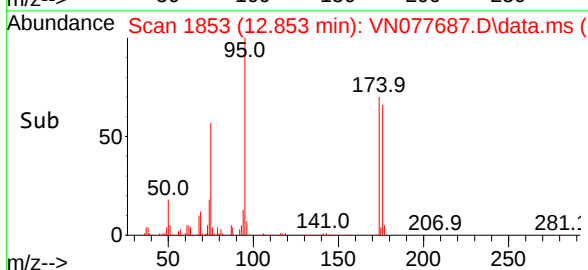
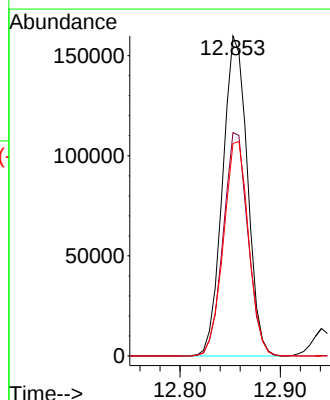
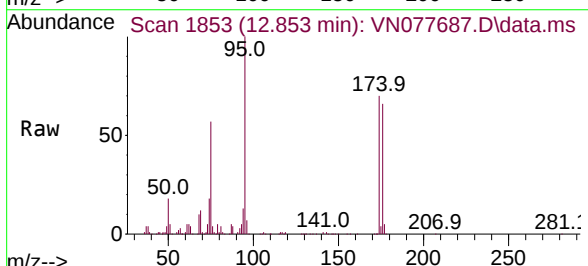
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

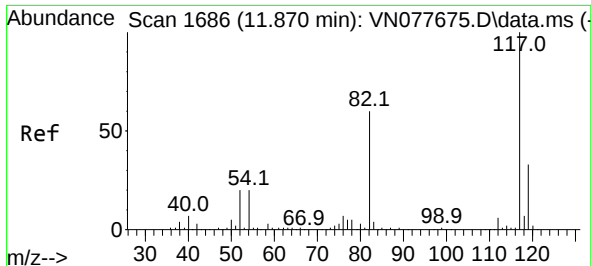
Tgt Ion:107 Resp: 95055
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 44.196 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 95 Resp: 274501
Ion Ratio Lower Upper
95 100
174 69.5 0.0 143.8
176 68.1 0.0 135.8

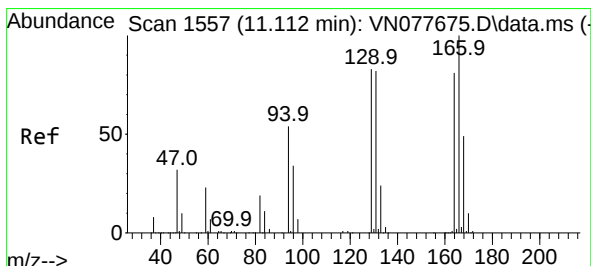
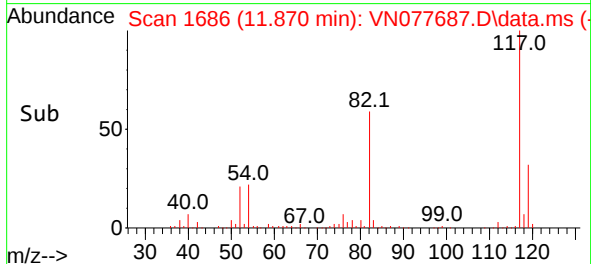
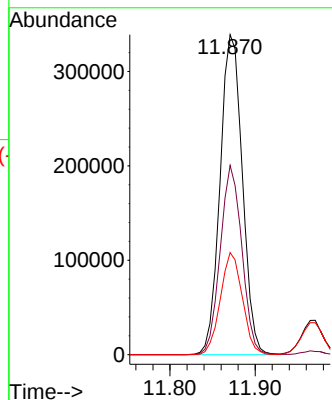
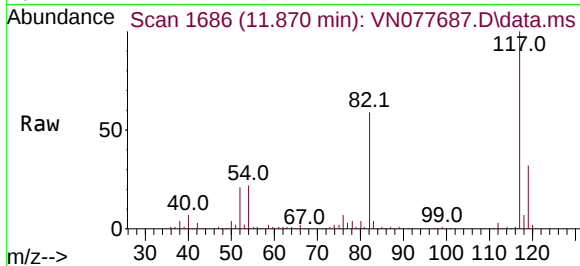




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

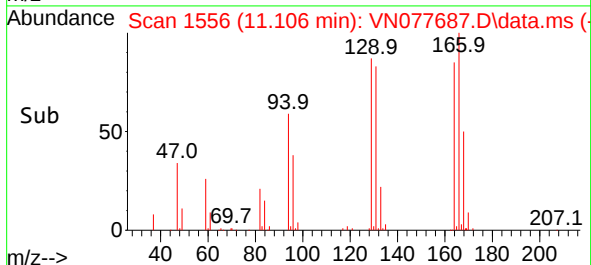
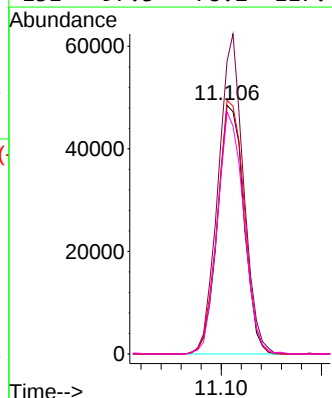
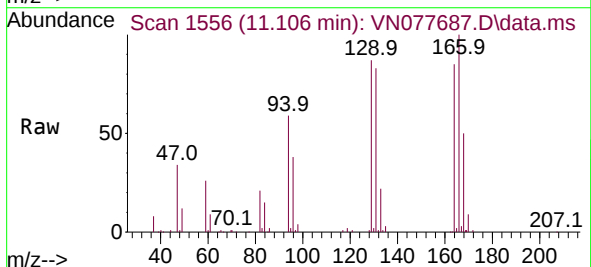
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

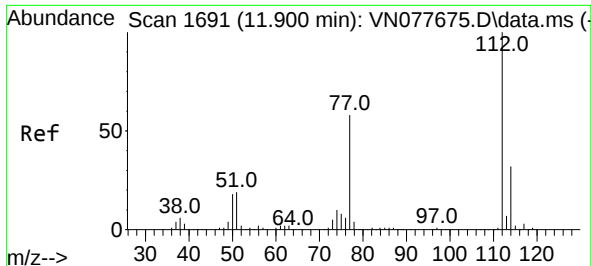
Tgt Ion:117 Resp: 615658
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 20.495 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion:164 Resp: 88242
Ion Ratio Lower Upper
164 100
166 117.7 101.4 152.0
129 102.1 82.4 123.6
131 97.3 78.2 117.4

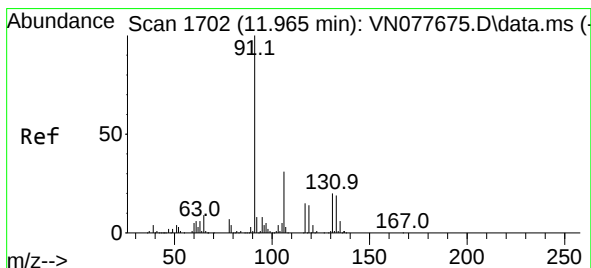
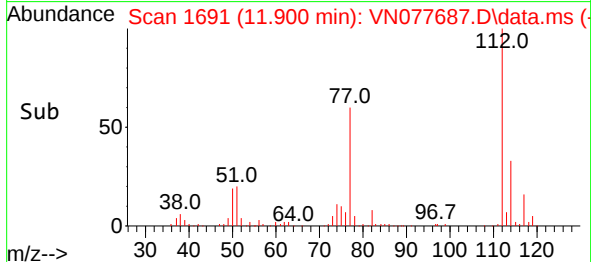
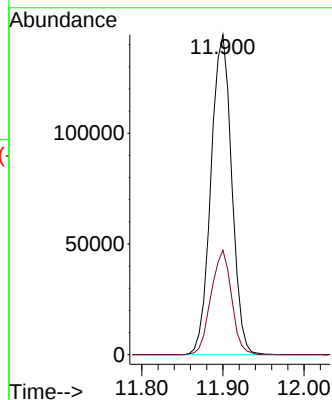
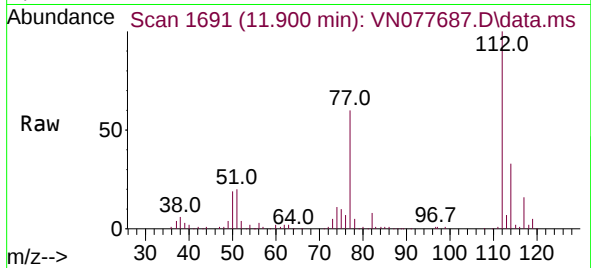




#65
Chlorobenzene
Concen: 19.226 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

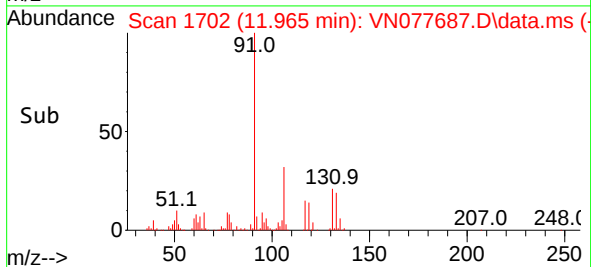
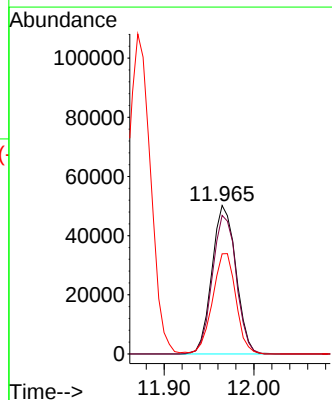
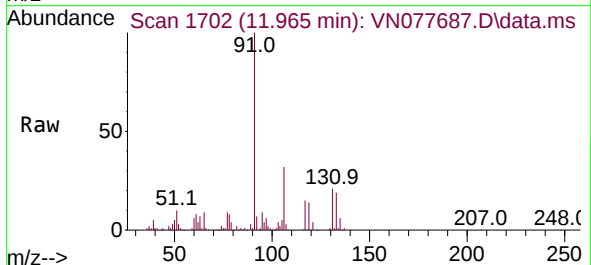
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

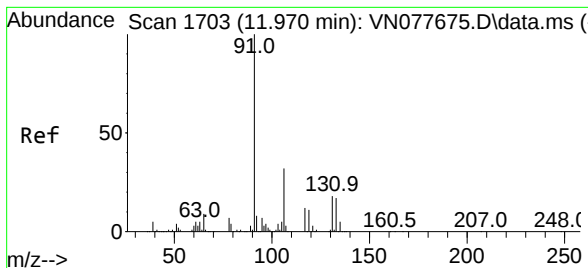
Tgt Ion:112 Resp: 256600
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.193 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion:131 Resp: 93255
Ion Ratio Lower Upper
131 100
133 93.2 46.4 139.1
119 65.7 34.1 102.2

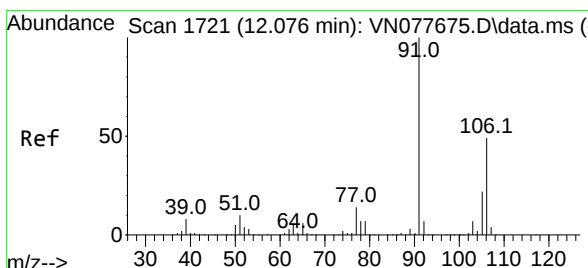
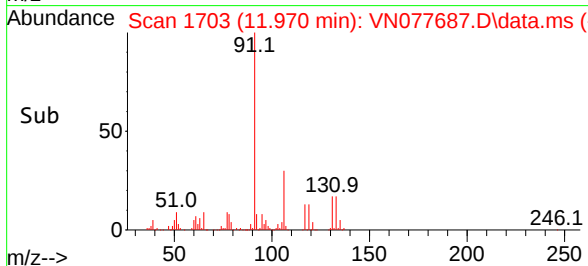
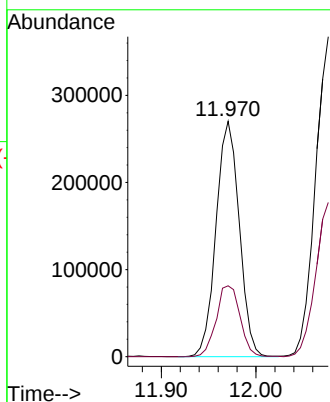
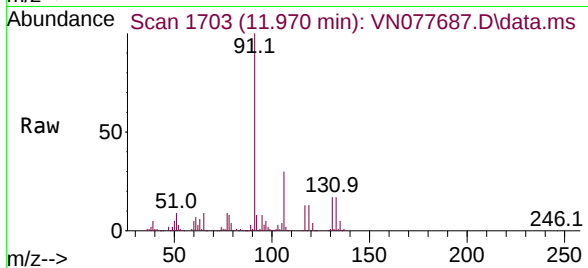




#67
Ethyl Benzene
Concen: 19.242 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

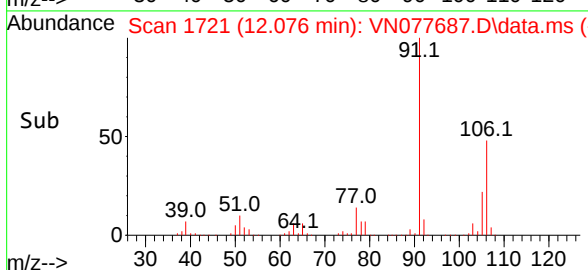
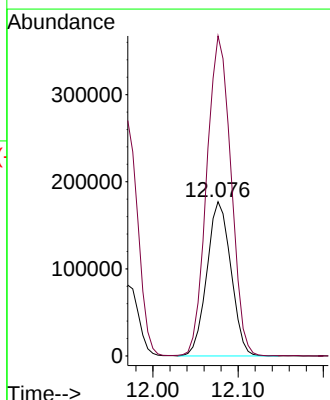
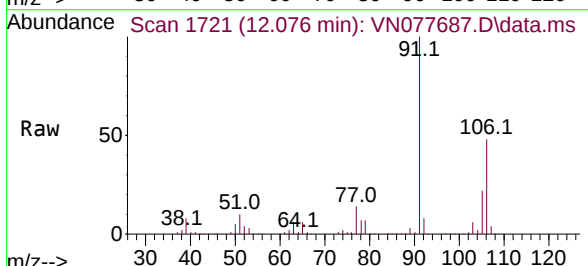
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

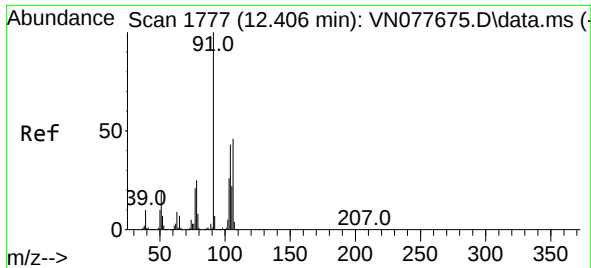
Tgt Ion: 91 Resp: 460238
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4



#68
m/p-Xylenes
Concen: 38.260 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion:106 Resp: 346738
Ion Ratio Lower Upper
106 100
91 209.6 159.6 239.4

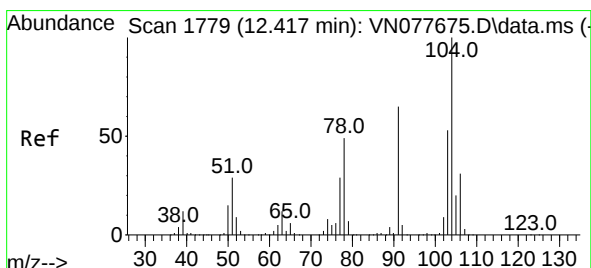
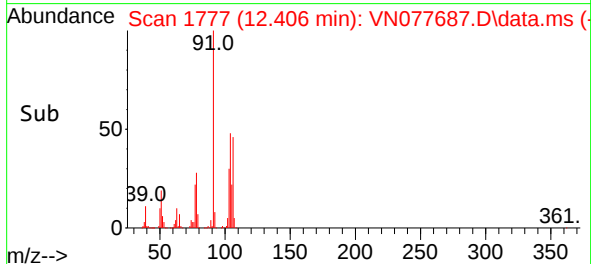
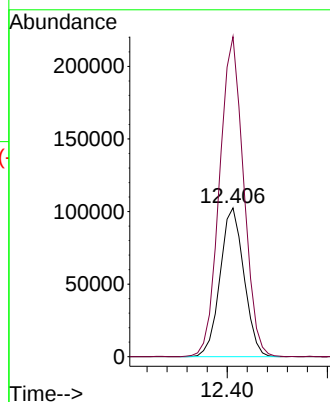
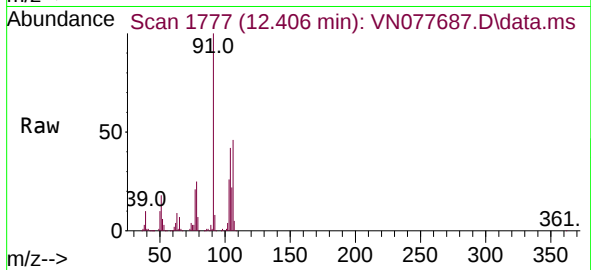




#69
o-Xylene
Concen: 18.980 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

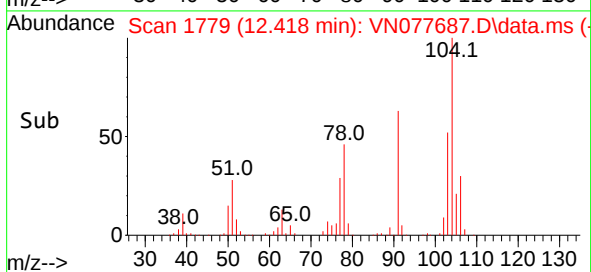
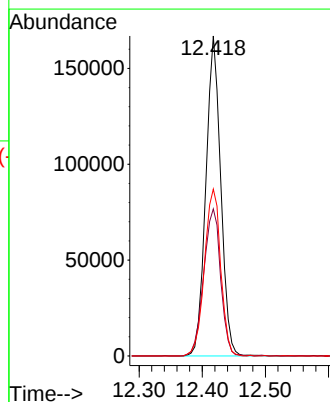
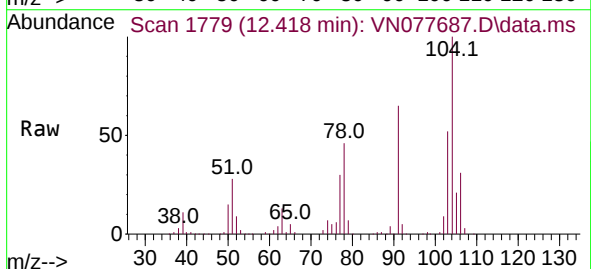
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

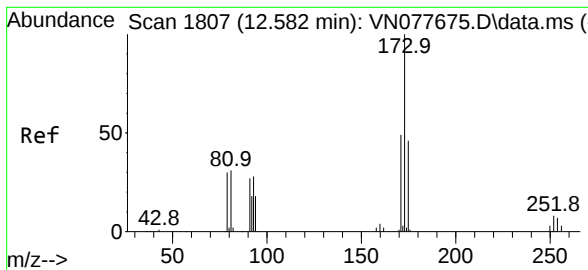
Tgt Ion:106 Resp: 169160
Ion Ratio Lower Upper
106 100
91 217.6 105.2 315.5



#70
Styrene
Concen: 19.320 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion:104 Resp: 273547
Ion Ratio Lower Upper
104 100
78 52.2 39.5 59.3
103 56.7 43.2 64.8

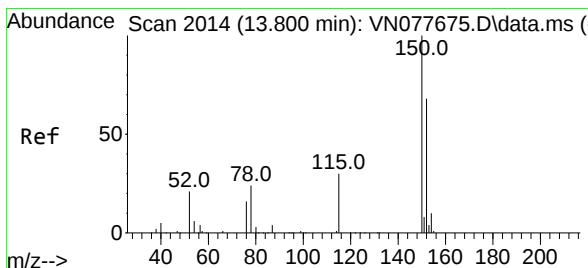
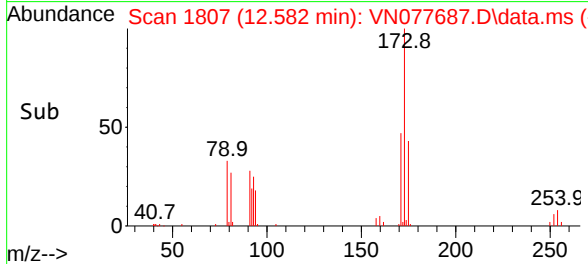
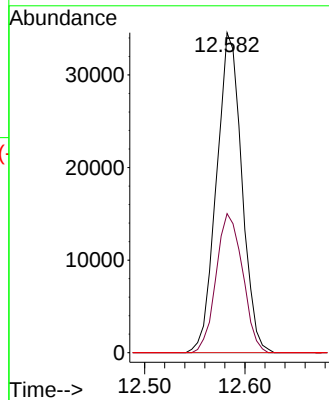
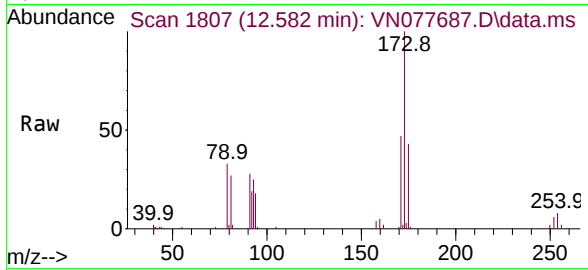




#71
Bromoform
Concen: 19.667 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

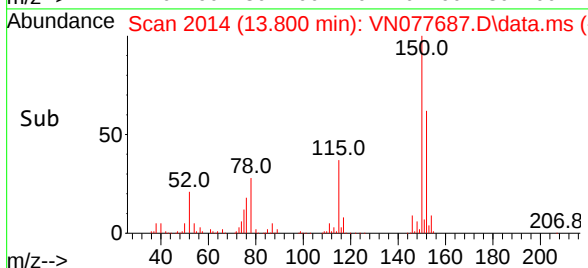
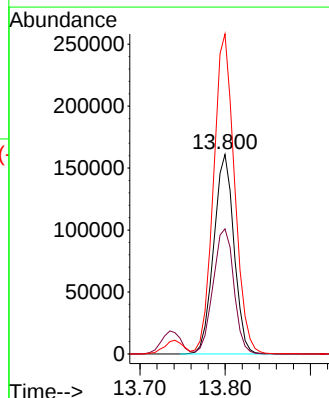
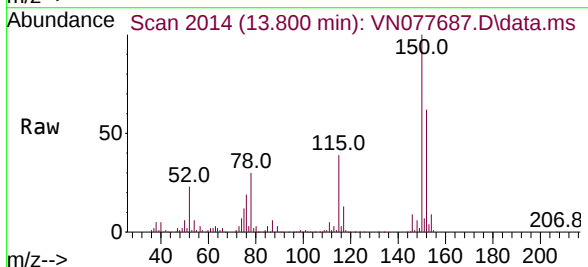
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

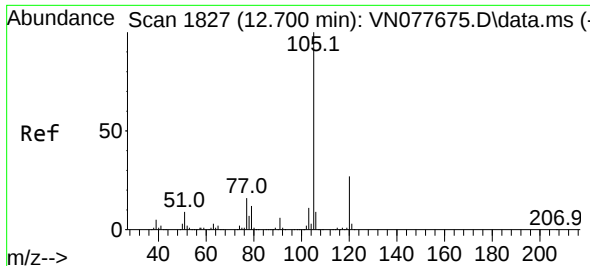
Tgt Ion:173 Resp: 60419
Ion Ratio Lower Upper
173 100
175 45.6 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion:152 Resp: 265223
Ion Ratio Lower Upper
152 100
115 64.3 32.3 96.8
150 166.5 0.0 355.8

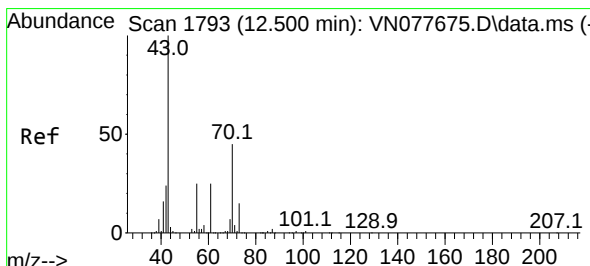
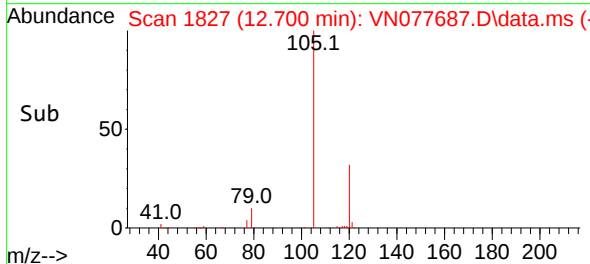
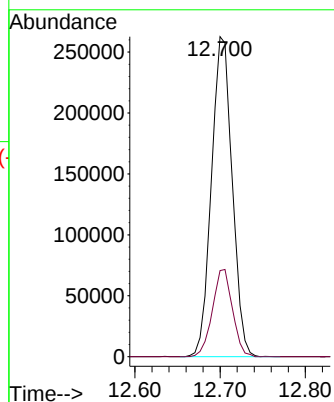
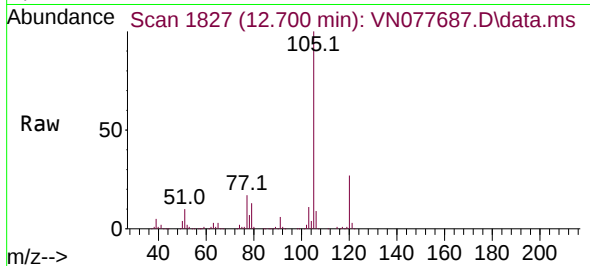




#73
Isopropylbenzene
Concen: 19.462 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

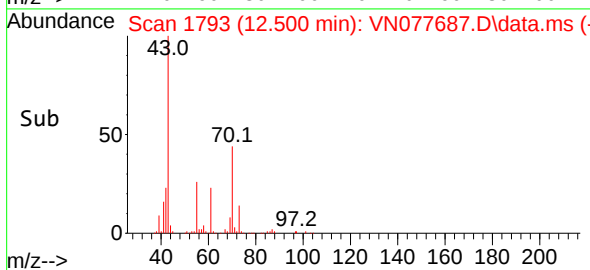
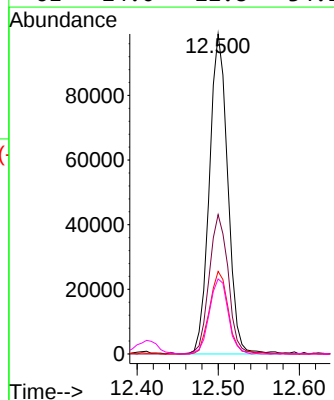
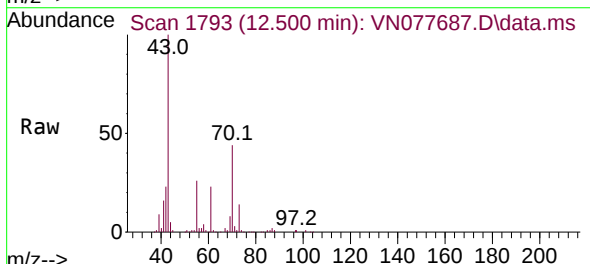
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

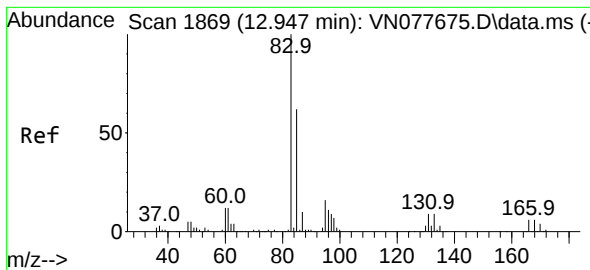
Tgt Ion:105 Resp: 444945
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 18.437 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 43 Resp: 155799
Ion Ratio Lower Upper
43 100
70 45.3 43.4 65.2
55 26.3 21.4 32.0
61 24.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.877 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.006 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

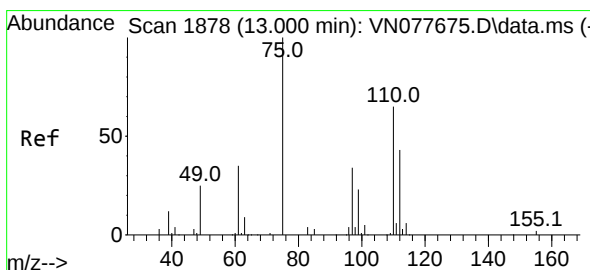
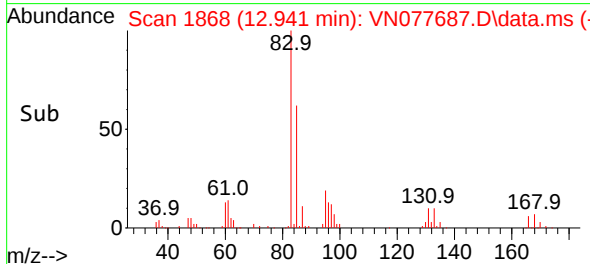
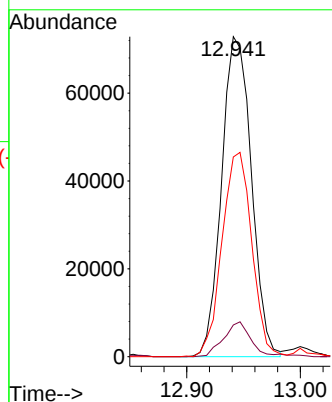
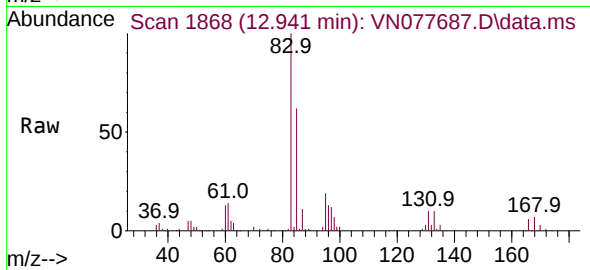
Tgt Ion: 83 Resp: 132765

Ion Ratio Lower Upper

83 100

131 10.3 5.0 15.0

85 63.9 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 25.210 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VN077687.D

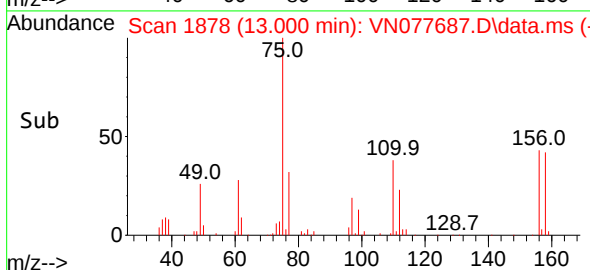
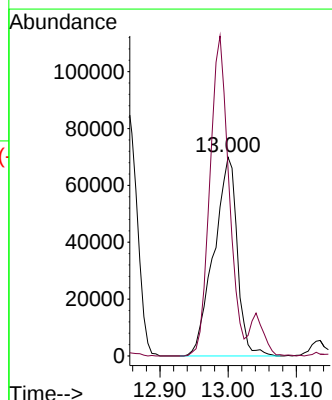
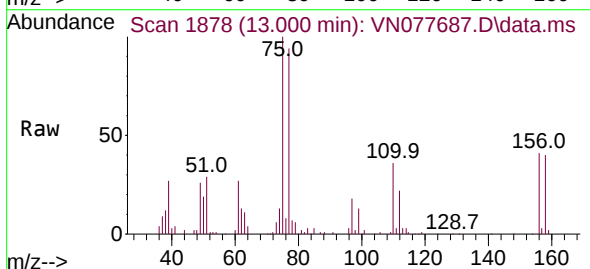
Acq: 16 May 2023 13:04

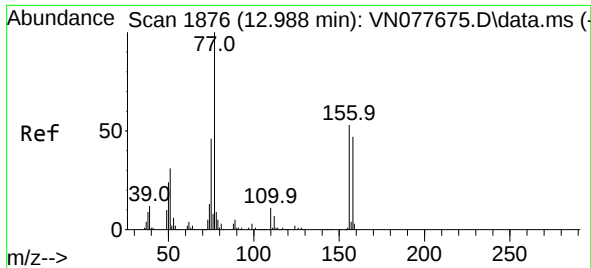
Tgt Ion: 75 Resp: 167451

Ion Ratio Lower Upper

75 100

77 130.6 84.5 253.5

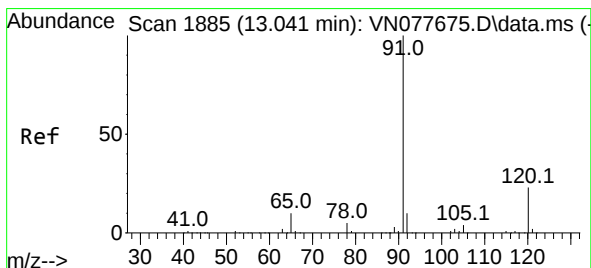
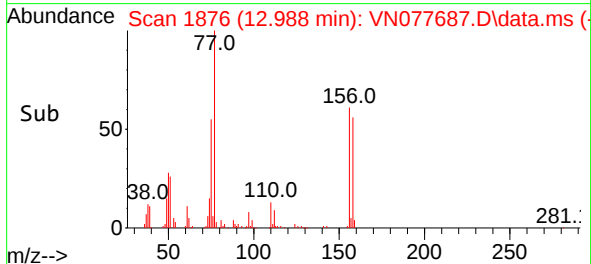
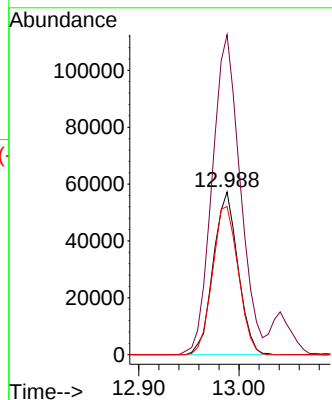
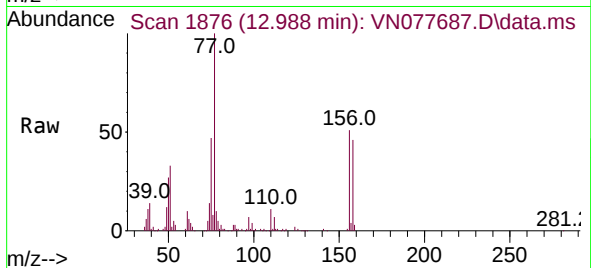




#77
Bromobenzene
Concen: 18.788 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

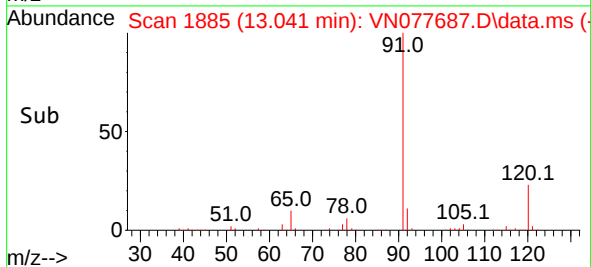
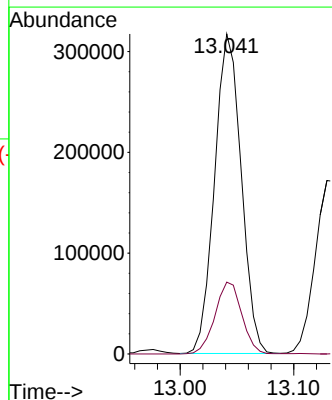
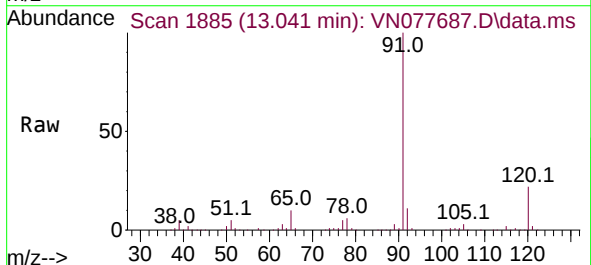
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

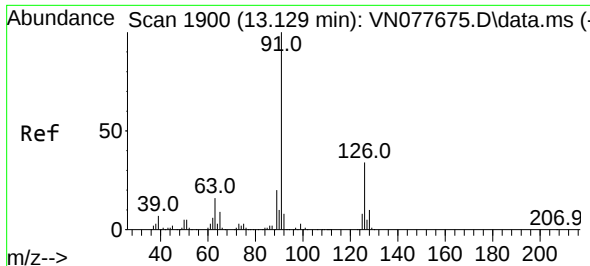
Tgt Ion:156 Resp: 98024
Ion Ratio Lower Upper
156 100
77 223.2 107.7 323.3
158 94.9 48.4 145.3



#78
n-propylbenzene
Concen: 19.152 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 91 Resp: 516209
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

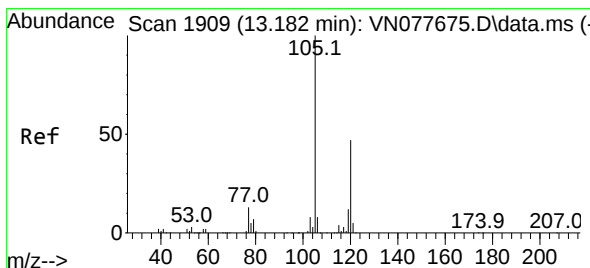
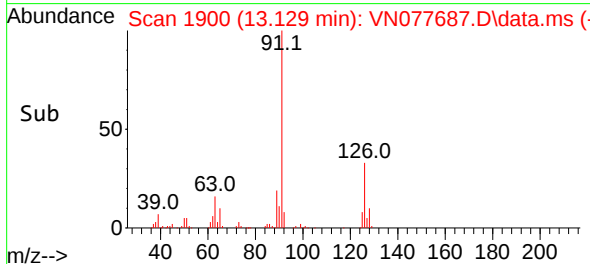
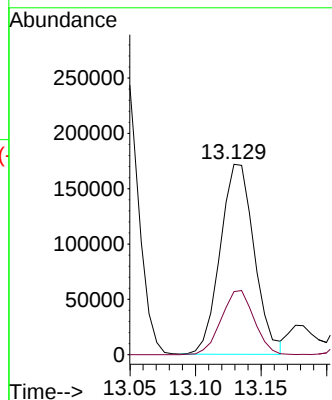
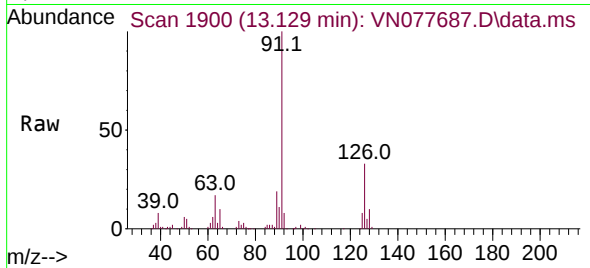




#79
2-Chlorotoluene
Concen: 19.306 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

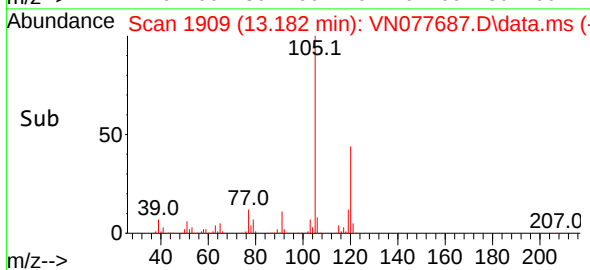
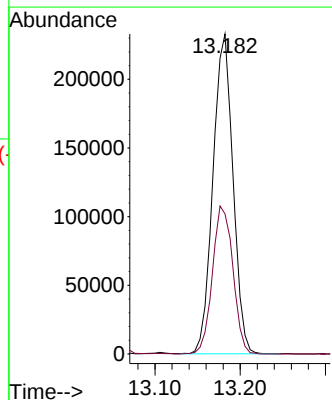
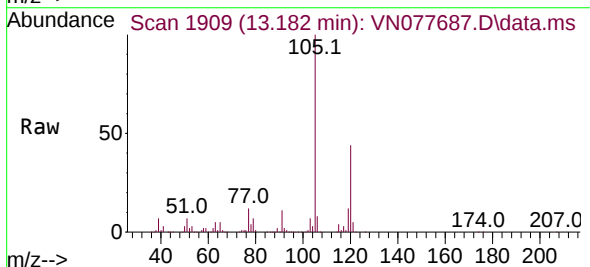
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

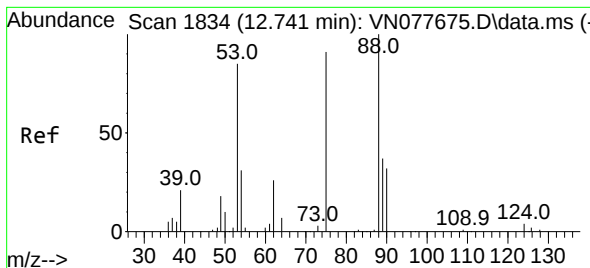
Tgt Ion: 91 Resp: 310509
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.752 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 105 Resp: 379536
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3

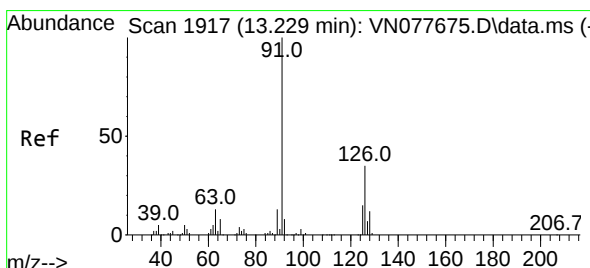
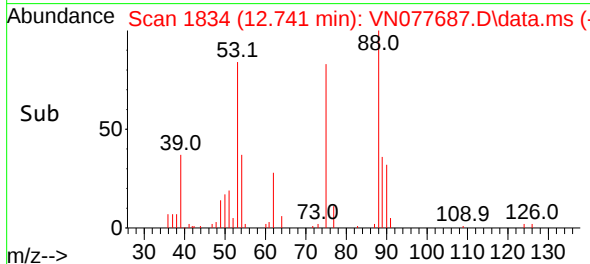
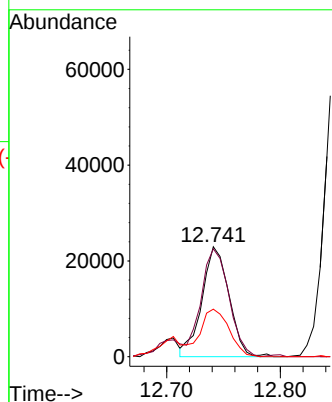
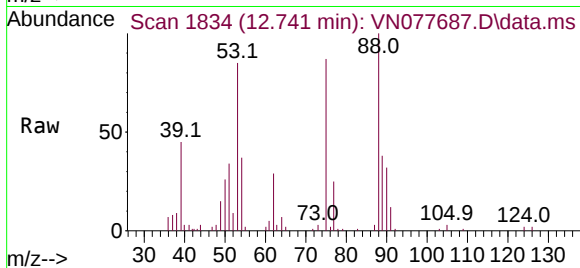




#81
trans-1,4-Dichloro-2-butene
Concen: 18.291 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

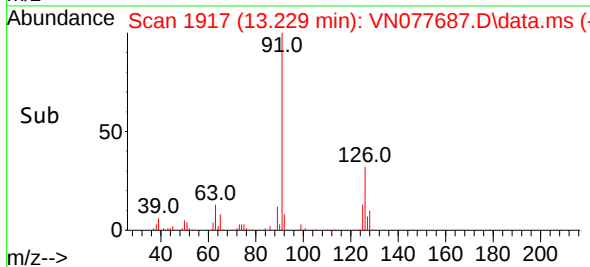
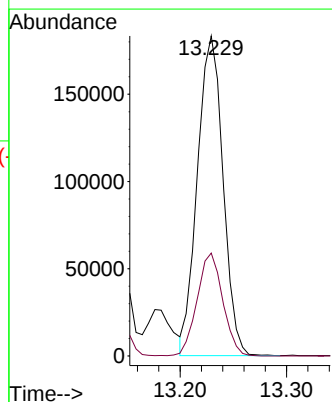
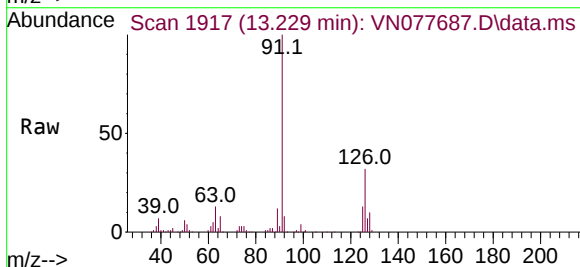
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

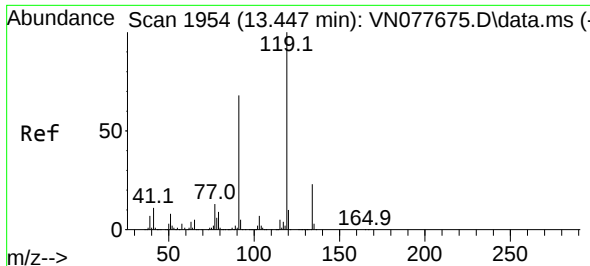
Tgt Ion: 75 Resp: 38007
Ion Ratio Lower Upper
75 100
53 99.6 67.4 101.2
89 45.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.136 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 91 Resp: 306221
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0

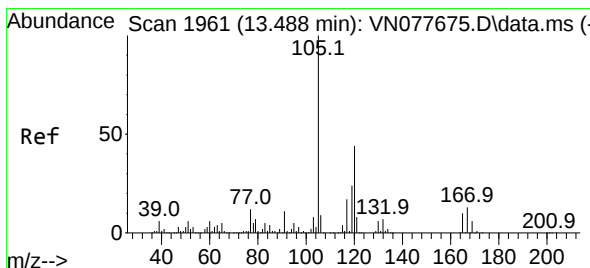
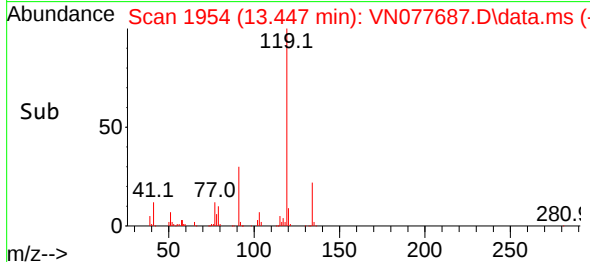
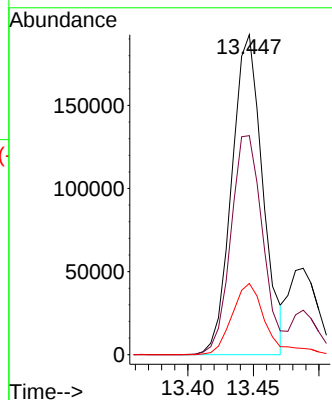
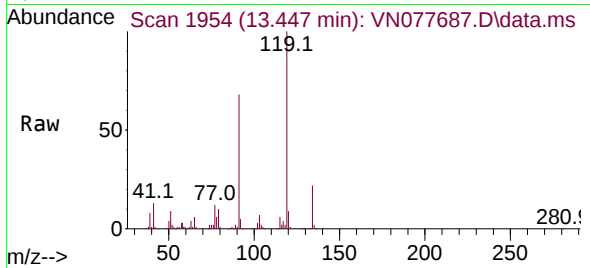




#83
tert-Butylbenzene
Concen: 18.871 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

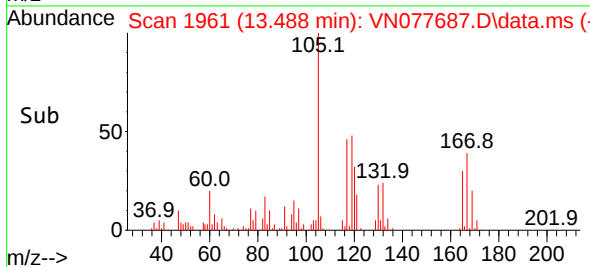
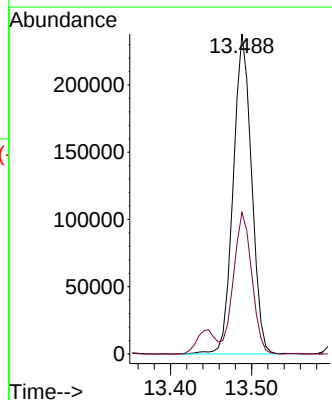
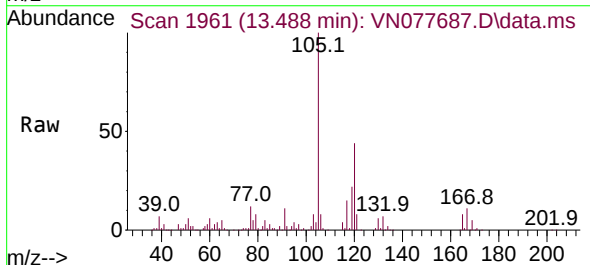
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

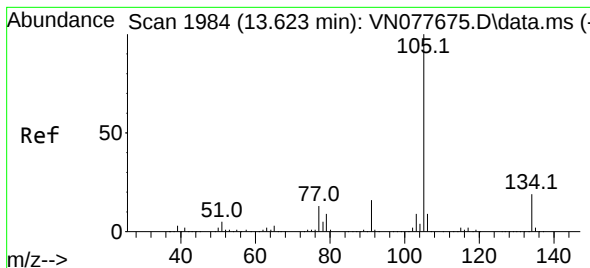
Tgt Ion:119 Resp: 316550
Ion Ratio Lower Upper
119 100
91 71.7 33.9 101.7
134 24.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 19.750 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion:105 Resp: 373229
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.481 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

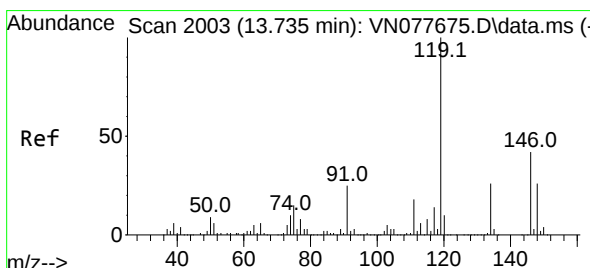
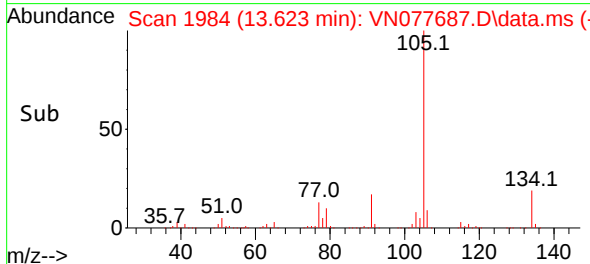
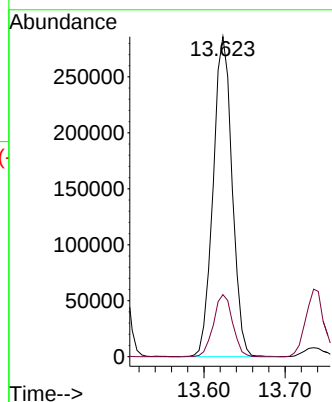
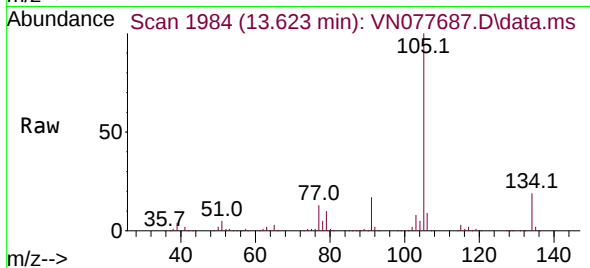
VN0516WBSD01

Tgt Ion:105 Resp: 464426

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.525 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

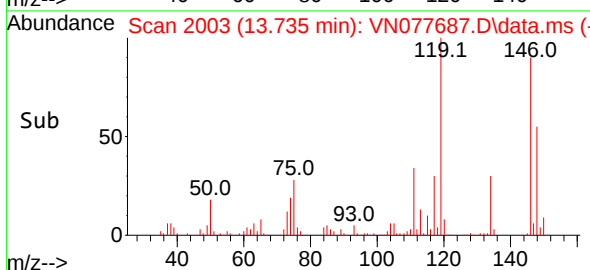
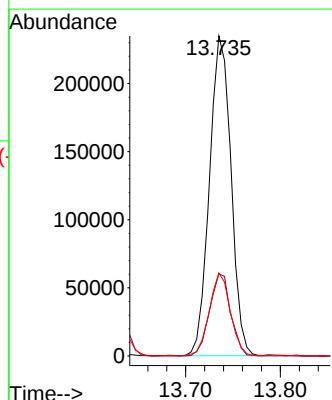
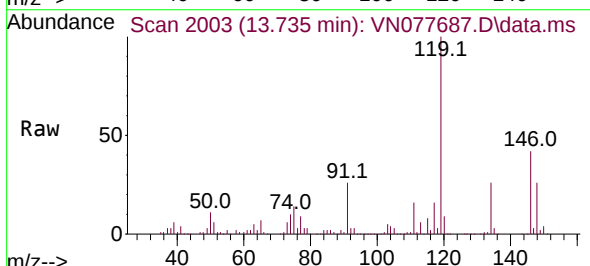
Tgt Ion:119 Resp: 371089

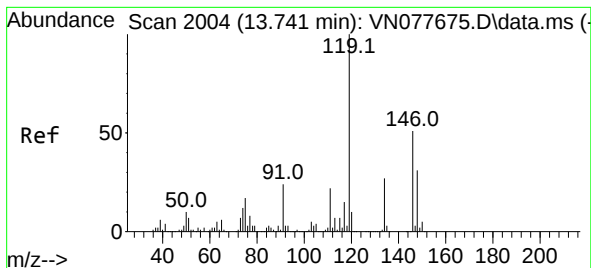
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 25.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.855 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

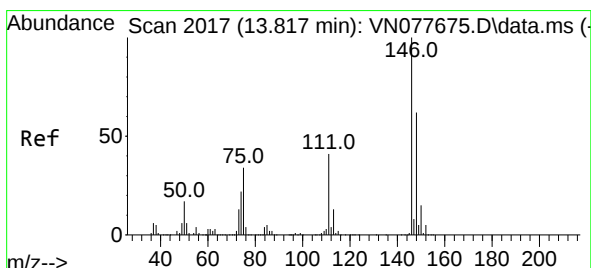
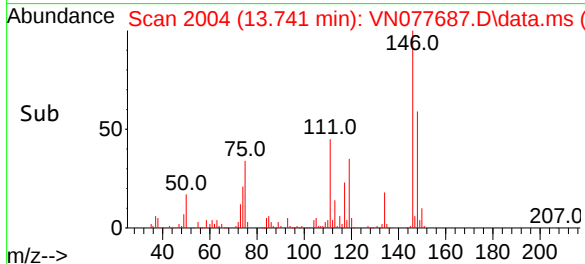
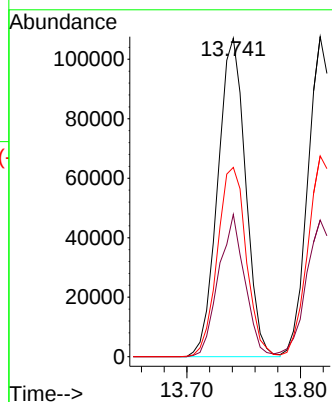
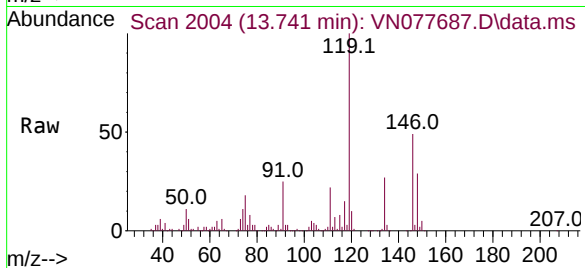
Tgt Ion:146 Resp: 181925

Ion Ratio Lower Upper

146 100

111 42.1 22.1 66.3

148 61.9 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.313 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

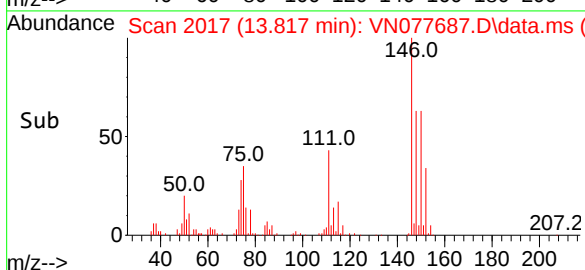
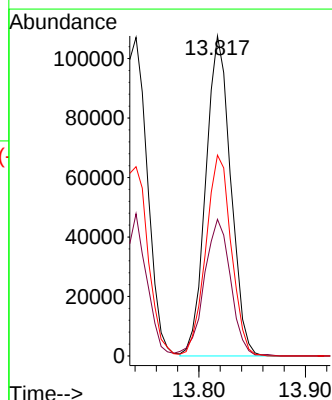
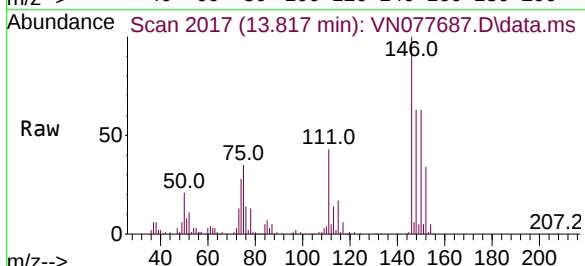
Tgt Ion:146 Resp: 175339

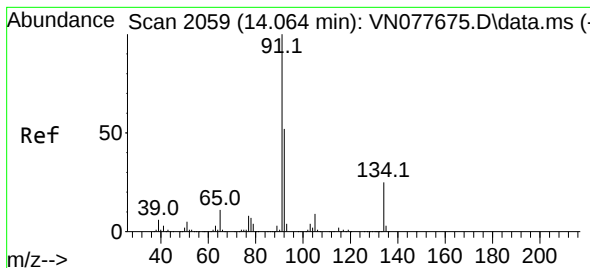
Ion Ratio Lower Upper

146 100

111 45.2 20.6 61.8

148 64.1 31.6 94.8





#89

n-Butylbenzene

Concen: 19.172 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

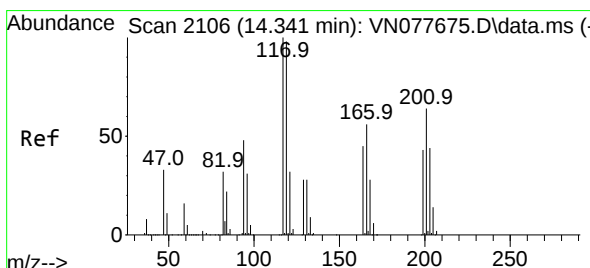
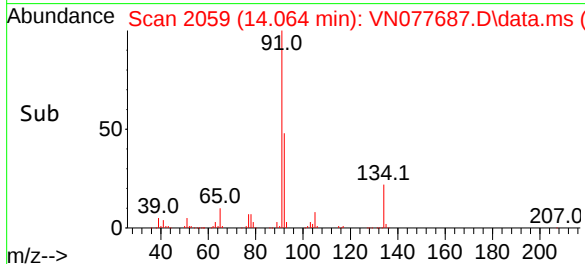
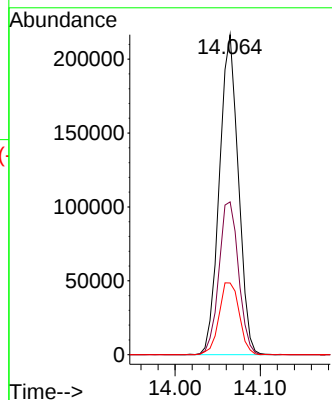
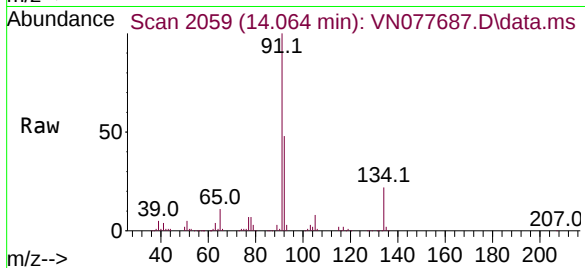
Tgt Ion: 91 Resp: 335148

Ion Ratio Lower Upper

91 100

92 49.5 26.4 79.0

134 24.0 12.6 37.6



#90

Hexachloroethane

Concen: 19.354 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. -0.000 min

Lab File: VN077687.D

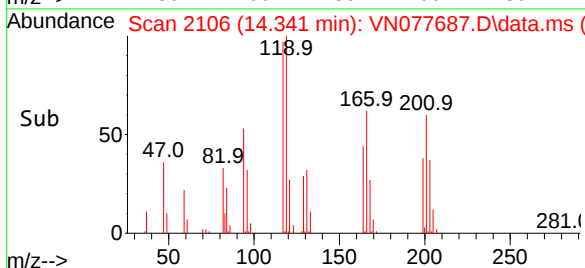
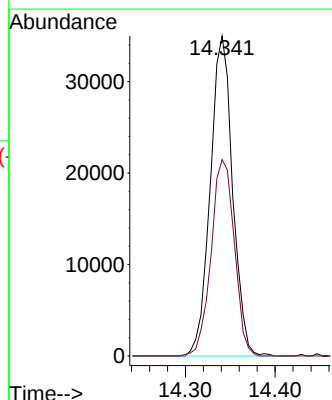
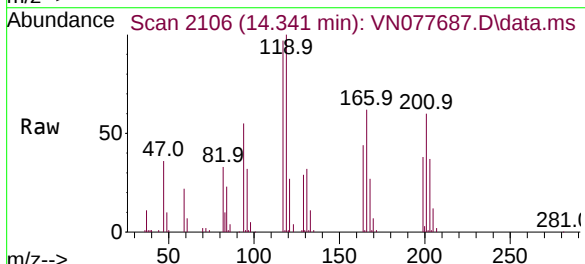
Acq: 16 May 2023 13:04

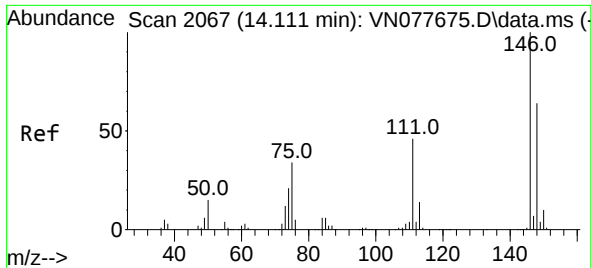
Tgt Ion: 117 Resp: 60428

Ion Ratio Lower Upper

117 100

201 63.8 29.3 88.0

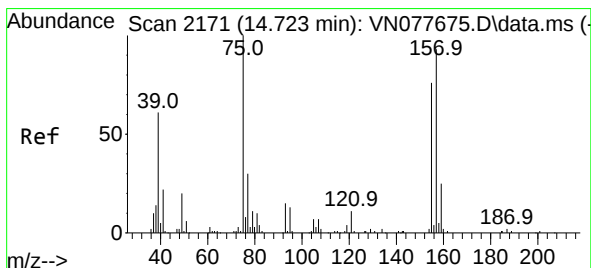
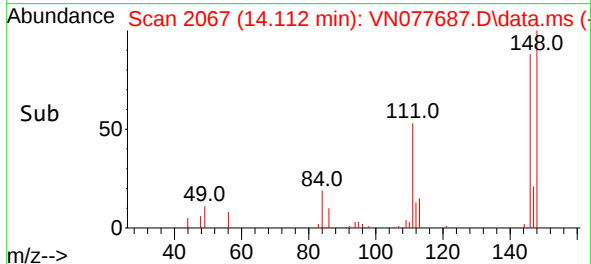
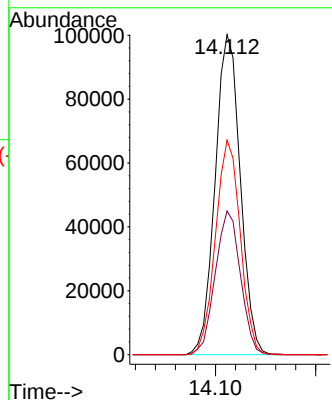
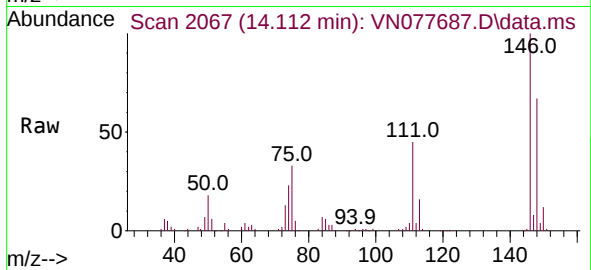




#91
1,2-Dichlorobenzene
Concen: 19.330 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

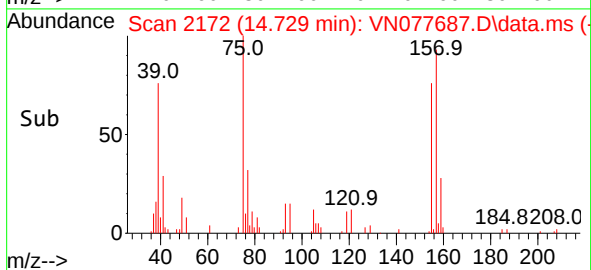
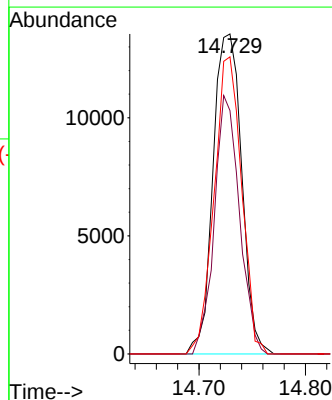
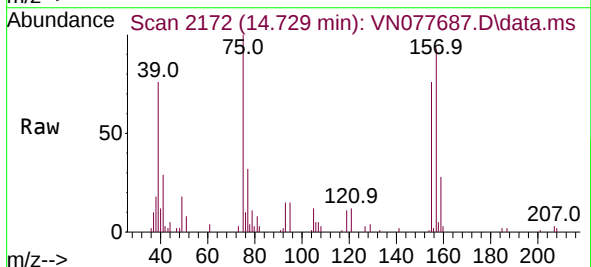
Instrument :
MSVOA_N
ClientSampleId :
VN0516WBSD01

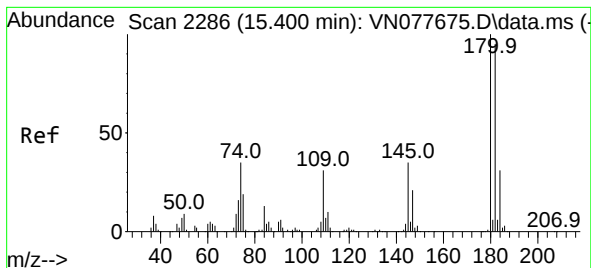
Tgt Ion:146 Resp: 174237
Ion Ratio Lower Upper
146 100
111 45.1 22.0 66.0
148 66.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.529 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077687.D
Acq: 16 May 2023 13:04

Tgt Ion: 75 Resp: 25231
Ion Ratio Lower Upper
75 100
155 71.3 39.1 117.2
157 89.3 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.384 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

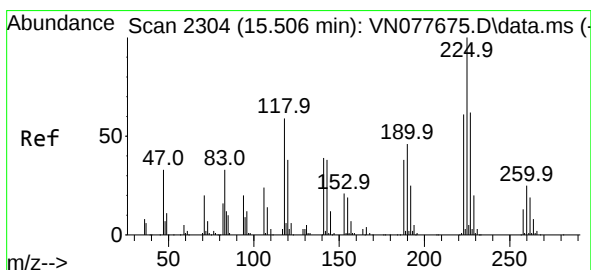
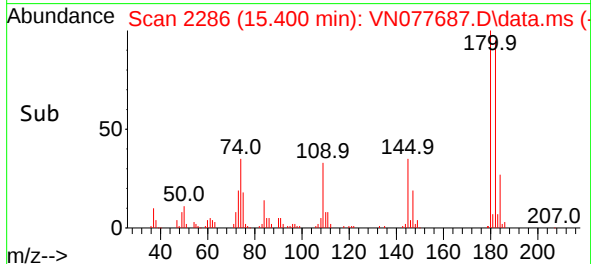
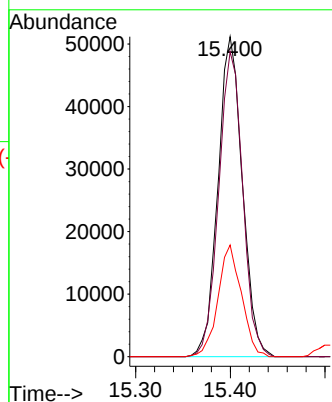
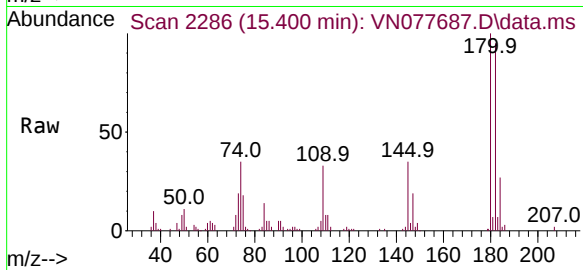
Tgt Ion:180 Resp: 91572

Ion Ratio Lower Upper

180 100

182 93.7 46.1 138.2

145 33.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.008 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

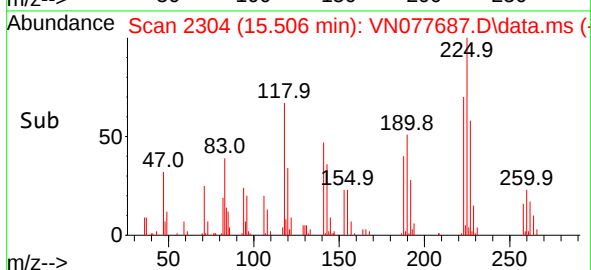
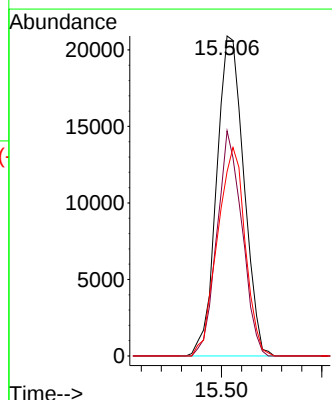
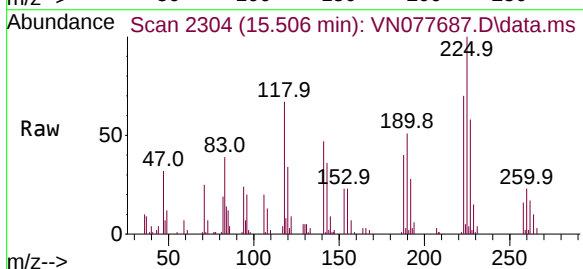
Tgt Ion:225 Resp: 39384

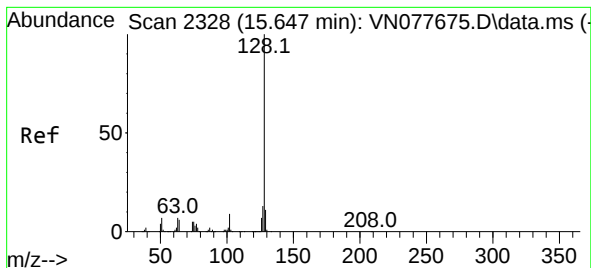
Ion Ratio Lower Upper

225 100

223 64.7 31.3 93.8

227 66.2 31.9 95.9





#95

Naphthalene

Concen: 16.862 ug/l

RT: 15.647 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Instrument :

MSVOA_N

ClientSampleId :

VN0516WBSD01

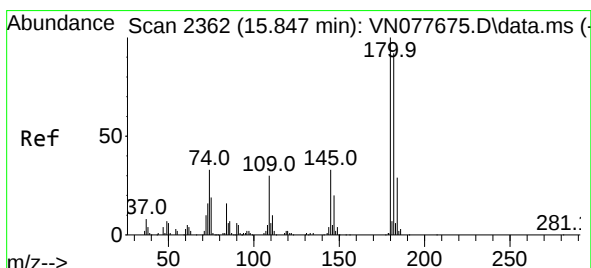
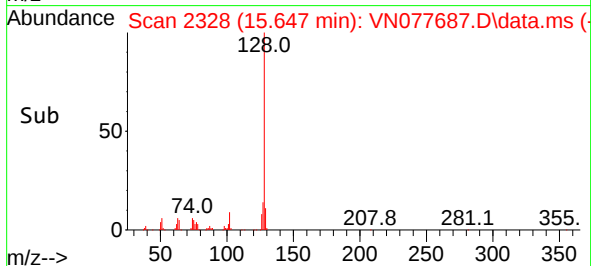
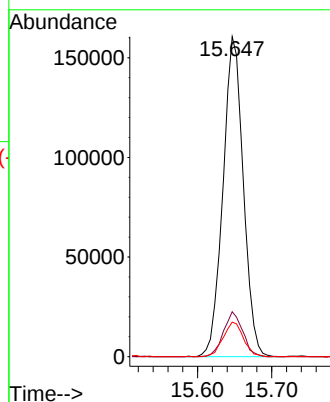
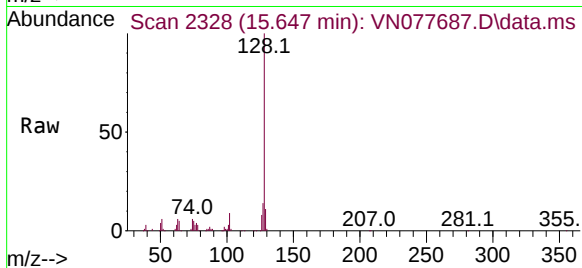
Tgt Ion:128 Resp: 305716

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 17.722 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077687.D

Acq: 16 May 2023 13:04

Tgt Ion:180 Resp: 91398

Ion Ratio Lower Upper

180 100

182 92.7 46.2 138.6

145 35.7 17.5 52.6

