

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079422.D
 Acq On : 05 Oct 2023 16:14
 Operator : JC\MD
 Sample : VN1005WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBL01

Quant Time: Oct 05 16:34:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	137596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	240111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	77873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	118838	63.980	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 127.960%#	
35) Dibromofluoromethane	8.171	113	108766	64.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 128.740%#	
50) Toluene-d8	10.571	98	251999	40.618	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 81.240%#	
62) 4-Bromofluorobenzene	12.853	95	117545	59.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.800%	

Target Compounds			Qvalue			
3) Chloromethane	2.365	50	850	0.476	ug/l	99
5) Bromomethane	2.971	94	957	0.855	ug/l	94
6) Chloroethane	3.048	64	399	Below Cal	#	60
13) Acrolein	4.195	56	232	0.709	ug/l #	50
15) Acrylonitrile	5.736	53	996	1.120	ug/l #	60
16) Acetone	4.448	43	602	0.763	ug/l #	77
17) Carbon Disulfide	4.706	76	1245	0.271	ug/l #	75
18) Methyl Acetate	5.047	43	2206	0.680	ug/l #	63
20) Methylene Chloride	5.277	84	940	0.490	ug/l #	71
23) Vinyl Acetate	6.618	43	874	0.277	ug/l #	62
25) 2-Butanone	7.506	43	756	0.661	ug/l #	37
29) Tetrahydrofuran	7.865	42	437	0.600	ug/l #	20
31) Cyclohexane	8.230	56	4021	1.483	ug/l #	45
36) 1,1-Dichloropropene	8.230	75	13126	5.040	ug/l #	48
38) Carbon Tetrachloride	8.230	117	15452	5.733	ug/l #	15
43) Isopropyl Acetate	8.712	43	3409	0.804	ug/l #	49
51) 4-Methyl-2-Pentanone	10.447	43	1735	0.705	ug/l #	52
58) 2-Chloroethyl Vinyl ether	10.171	63	424	Below Cal	#	42
59) 2-Hexanone	11.206	43	2510	1.408	ug/l	69
68) m/p-Xylenes	12.076	106	859	0.248	ug/l	85
74) N-amyl acetate	12.500	43	965	0.359	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.947	83	780	0.296	ug/l #	80
76) 1,2,3-Trichloropropane	12.853	75	66365	31.621	ug/l #	1
77) Bromobenzene	12.982	156	692	0.386	ug/l	87
78) n-propylbenzene	13.041	91	2559	0.322	ug/l	91
79) 2-Chlorotoluene	13.123	91	1525	0.293	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	1275	0.216	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.853	75	66365	86.932	ug/l #	15
82) 4-Chlorotoluene	13.223	91	1849	0.378	ug/l	99
84) 1,2,4-Trimethylbenzene	13.494	105	1488	0.265	ug/l	85
85) sec-Butylbenzene	13.623	105	1620	0.241	ug/l #	67
86) p-Isopropyltoluene	13.735	119	1294	0.241	ug/l	83
87) 1,3-Dichlorobenzene	13.735	146	1565	0.532	ug/l	88
88) 1,4-Dichlorobenzene	13.735	146	1565	0.526	ug/l	89
89) n-Butylbenzene	14.065	91	1897	0.449	ug/l	90
90) Hexachloroethane	14.335	117	295	0.270	ug/l #	21

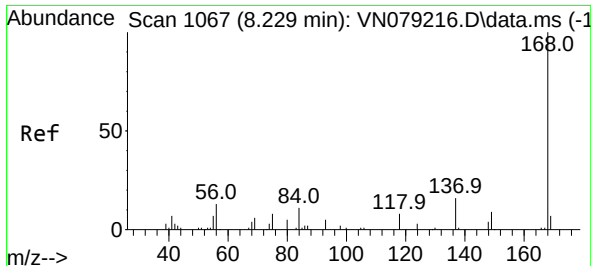
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
Data File : VN079422.D
Acq On : 05 Oct 2023 16:14
Operator : JC\MD
Sample : VN1005WBL01
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Quant Time: Oct 05 16:34:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	14.106	146	1694	0.583	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.712	75	484	1.207	ug/l #	58
93) 1,2,4-Trichlorobenzene	15.400	180	1492	1.429	ug/l	80
94) Hexachlorobutadiene	15.512	225	1043	1.270	ug/l	88
95) Naphthalene	15.647	128	6728	2.170	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	1919	1.558	ug/l	86

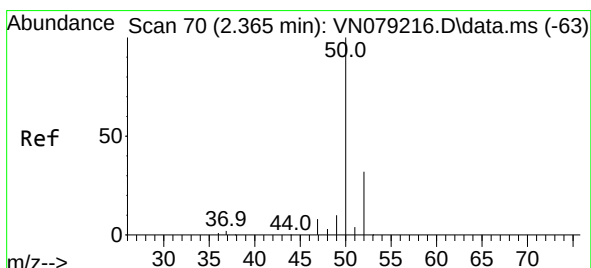
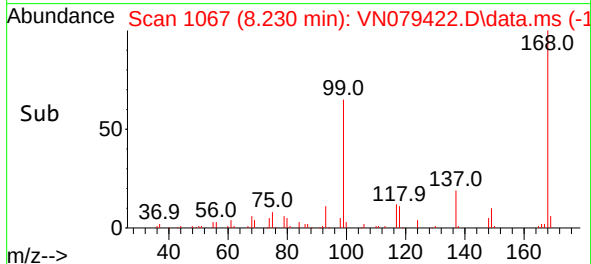
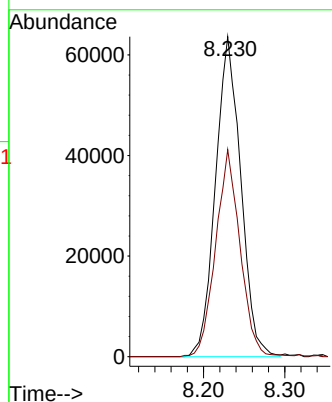
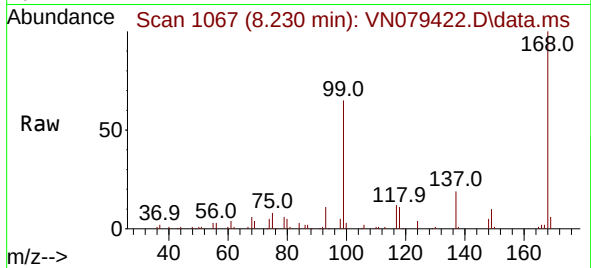
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

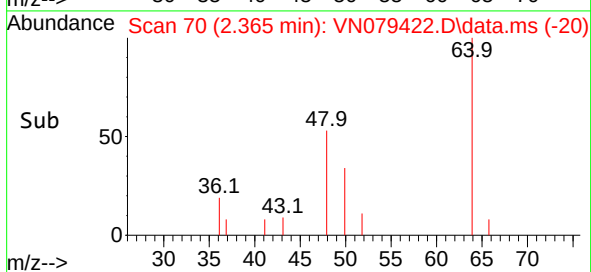
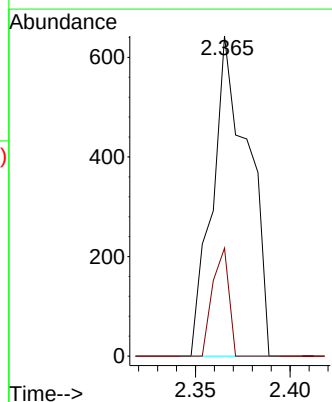
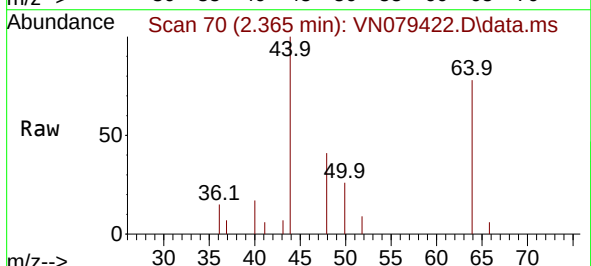
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

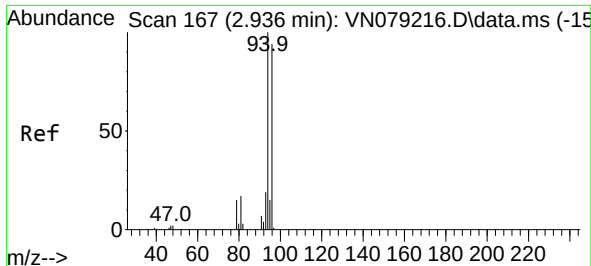
Tgt Ion:168 Resp: 137596
Ion Ratio Lower Upper
168 100
99 64.7 53.0 79.6



#3
Chloromethane
Concen: 0.476 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 50 Resp: 850
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

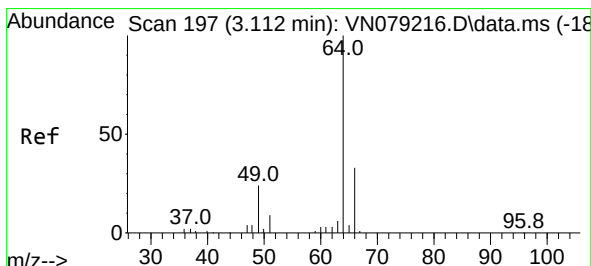
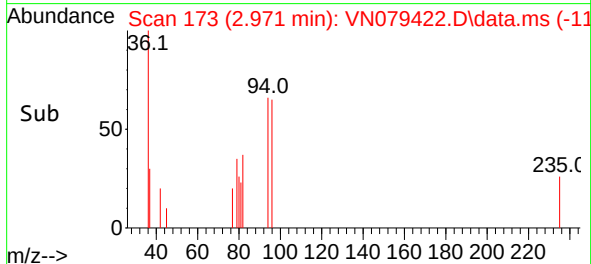
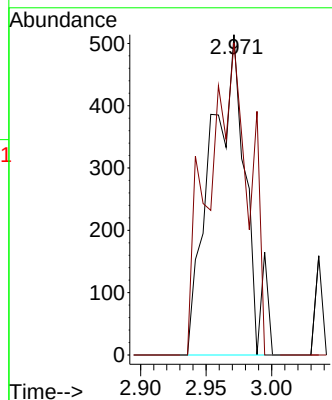
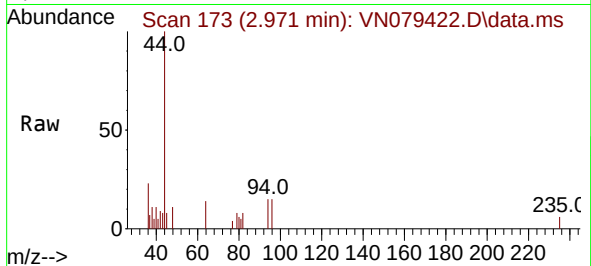




#5
Bromomethane
Concen: 0.855 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

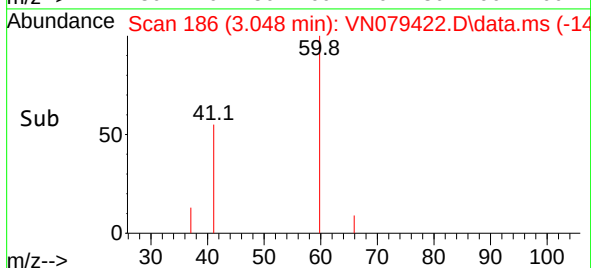
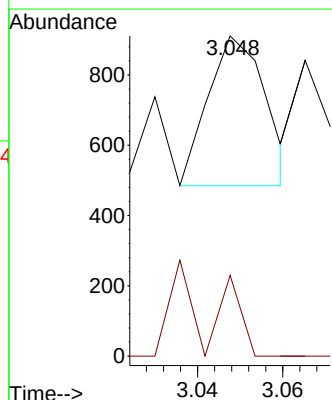
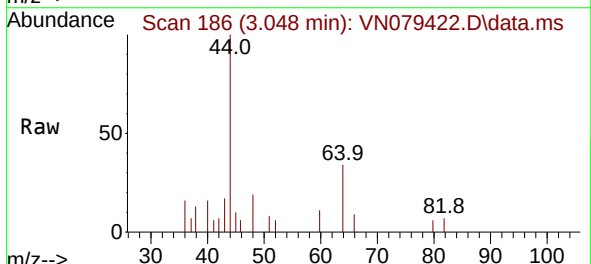
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ClientSampleId :
VN1005WBL01

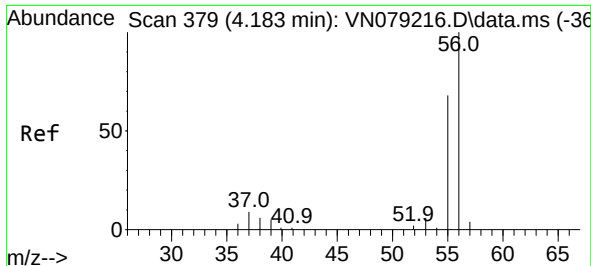
Tgt Ion: 94 Resp: 957
Ion Ratio Lower Upper
94 100
96 97.5 73.1 109.7



#6
Chloroethane
Concen: Below Cal
RT: 3.048 min Scan# 186
Delta R.T. -0.070 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 64 Resp: 399
Ion Ratio Lower Upper
64 100
66 54.0 25.4 38.2#





#13

Acrolein

Concen: 0.709 ug/l

RT: 4.195 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

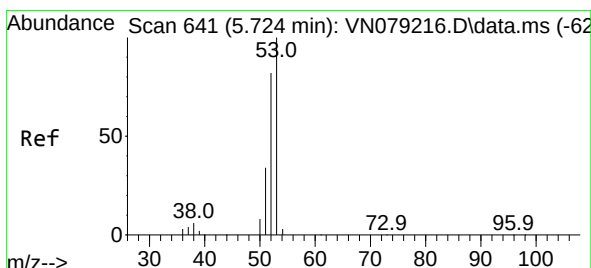
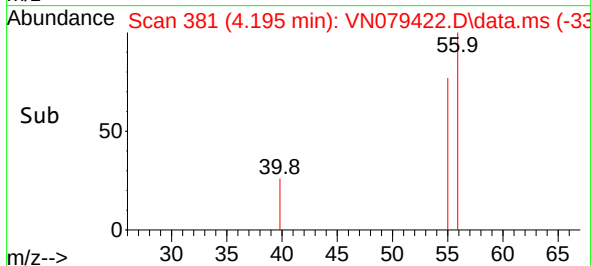
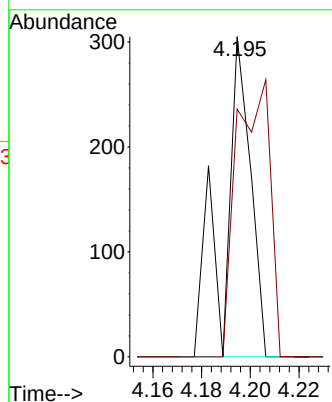
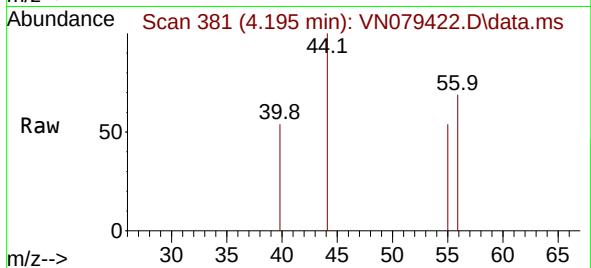
VN1005WBL01

Tgt Ion: 56 Resp: 232

Ion Ratio Lower Upper

56 100

55 108.6 54.5 81.7#



#15

Acrylonitrile

Concen: 1.120 ug/l

RT: 5.736 min Scan# 643

Delta R.T. 0.006 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

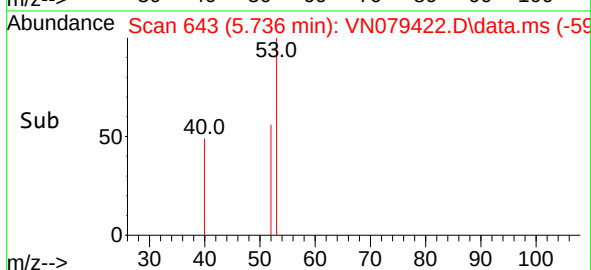
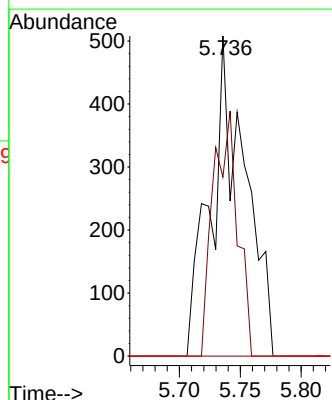
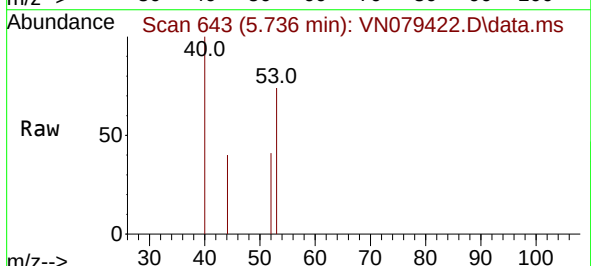
Tgt Ion: 53 Resp: 996

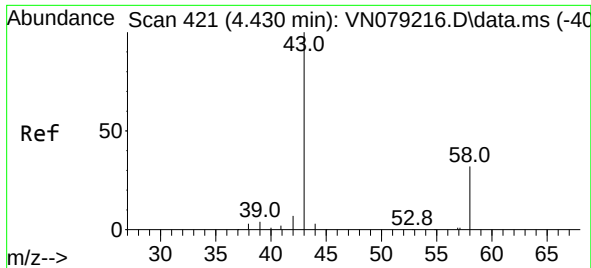
Ion Ratio Lower Upper

53 100

52 54.5 65.3 97.9#

51 0.0 28.9 43.3#





#16

Acetone

Concen: 0.763 ug/l

RT: 4.448 min Scan# 43

Delta R.T. 0.006 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

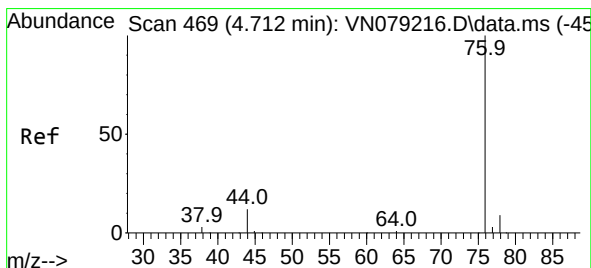
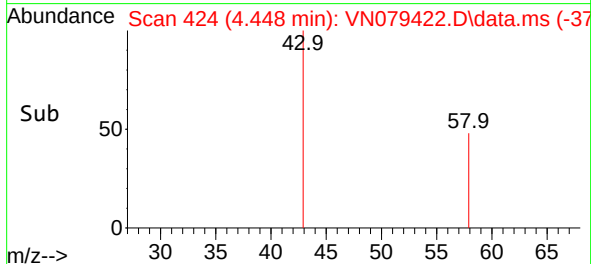
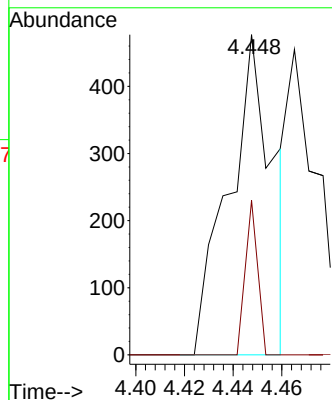
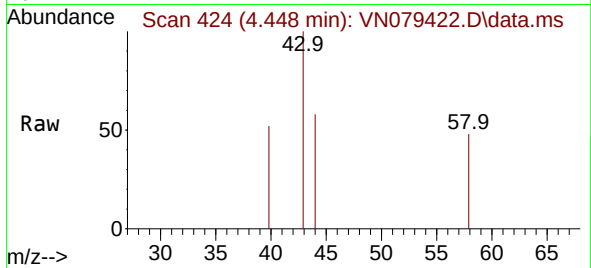
VN1005WBL01

Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

43 100

58 48.2 28.0 42.0#



#17

Carbon Disulfide

Concen: 0.271 ug/l

RT: 4.706 min Scan# 468

Delta R.T. -0.018 min

Lab File: VN079422.D

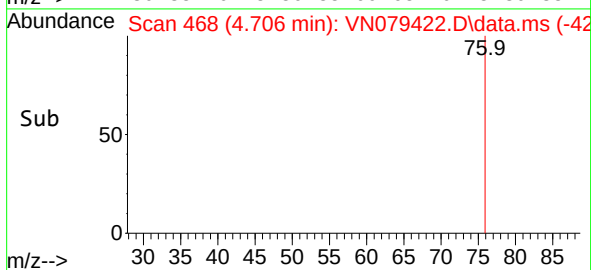
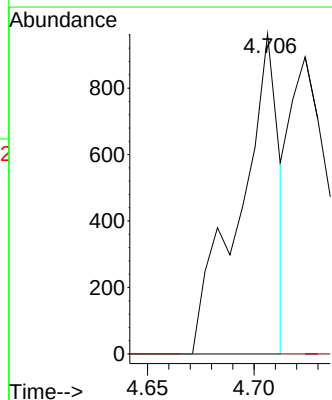
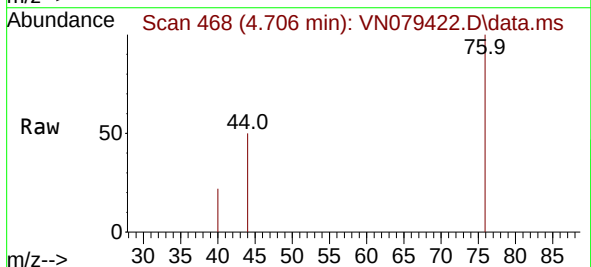
Acq: 05 Oct 2023 16:14

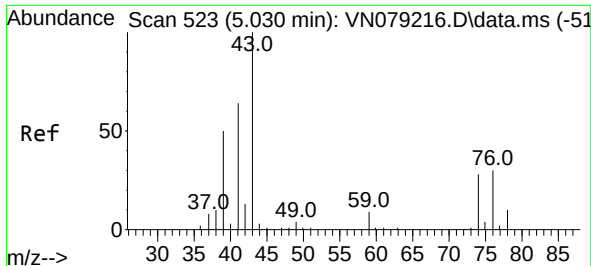
Tgt Ion: 76 Resp: 1245

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

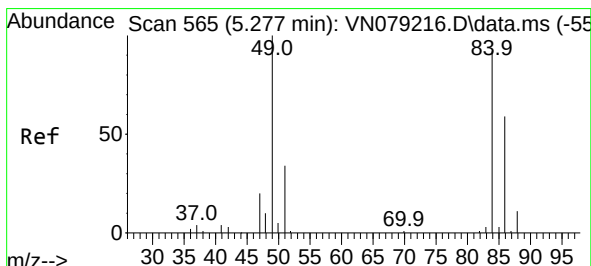
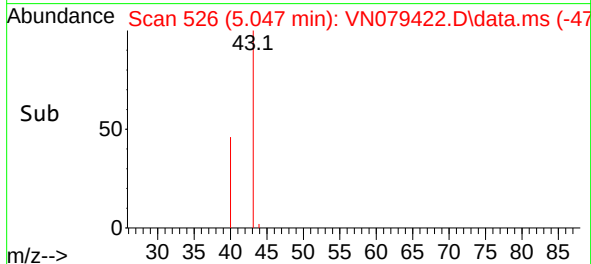
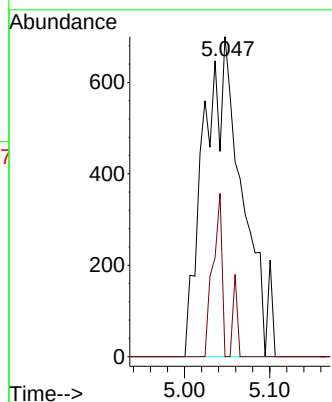
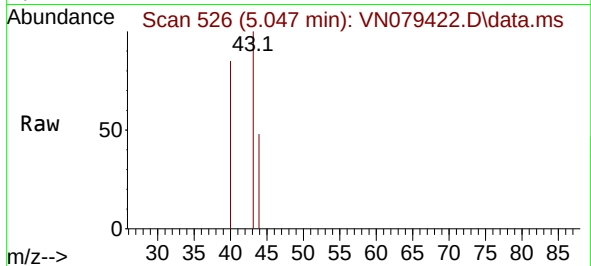




#18
Methyl Acetate
Concen: 0.680 ug/l
RT: 5.047 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

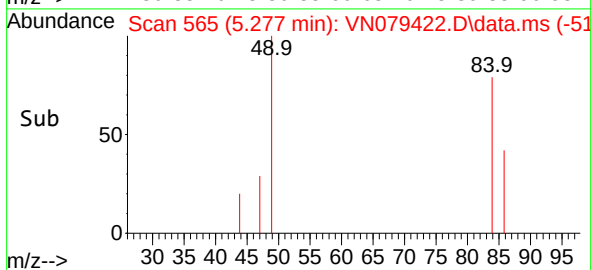
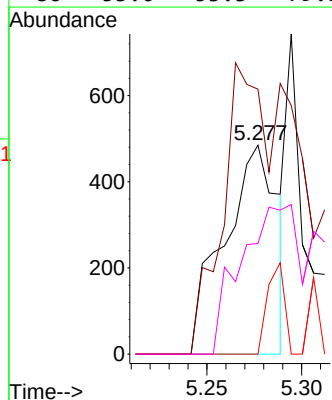
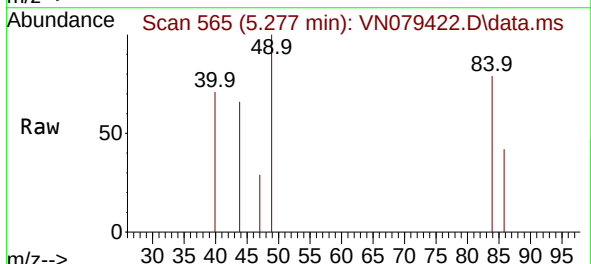
Instrument :
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VN1005WBL01

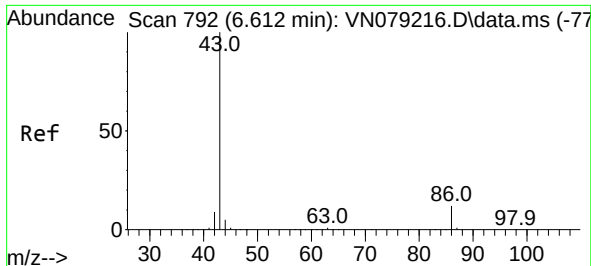
Tgt Ion: 43 Resp: 2206
Ion Ratio Lower Upper
43 100
74 12.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.490 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 84 Resp: 940
Ion Ratio Lower Upper
84 100
49 126.8 79.7 119.5#
51 0.0 25.2 37.8#
86 53.0 53.3 79.9#

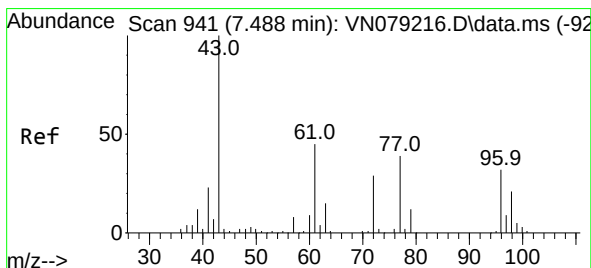
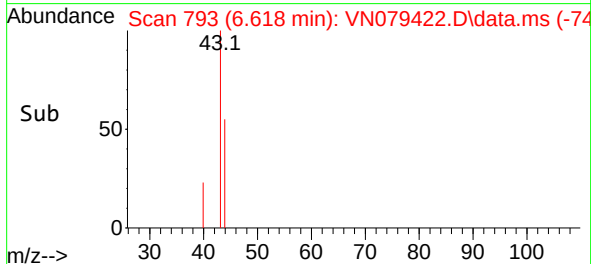
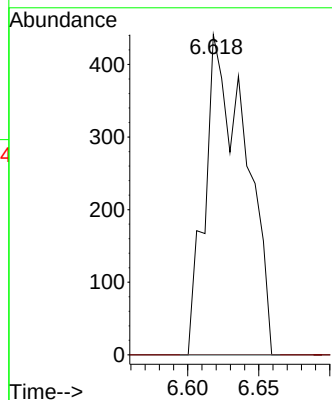
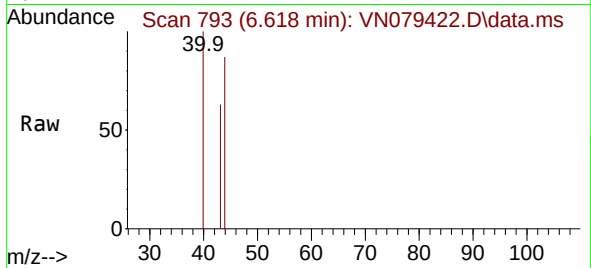




#23
 Vinyl Acetate
 Concen: 0.277 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.006 min
 Lab File: VN079422.D
 Acq: 05 Oct 2023 16:14

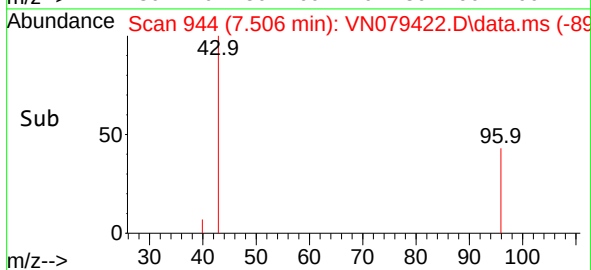
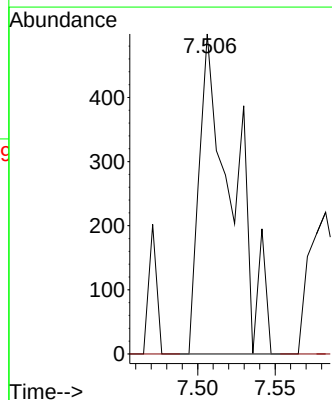
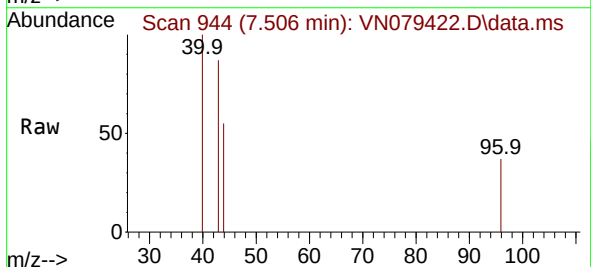
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBL01

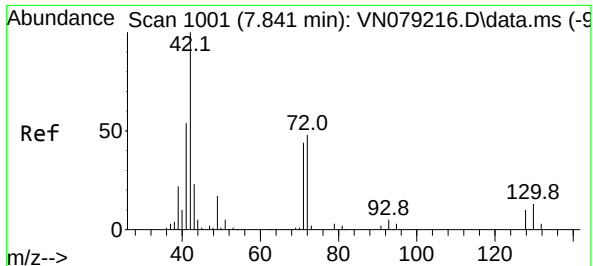
Tgt Ion: 43 Resp: 874
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#25
 2-Butanone
 Concen: 0.661 ug/l
 RT: 7.506 min Scan# 944
 Delta R.T. 0.012 min
 Lab File: VN079422.D
 Acq: 05 Oct 2023 16:14

Tgt Ion: 43 Resp: 756
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.2 45.2#





#29

Tetrahydrofuran

Concen: 0.600 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.018 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBL01

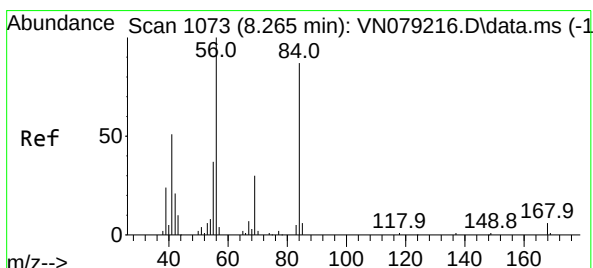
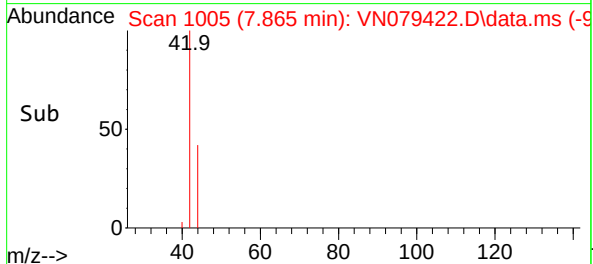
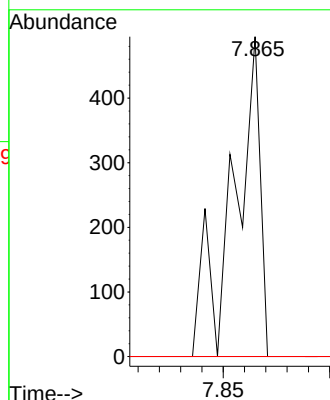
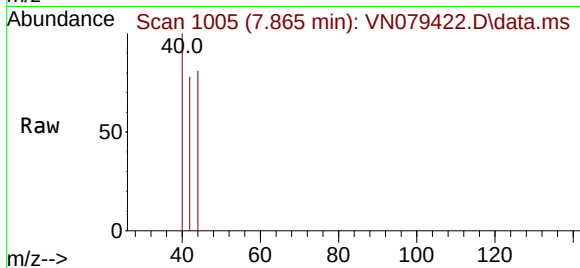
Tgt Ion: 42 Resp: 437

Ion Ratio Lower Upper

42 100

72 0.0 49.8 74.6#

71 0.0 47.4 71.2#



#31

Cyclohexane

Concen: 1.483 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.035 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

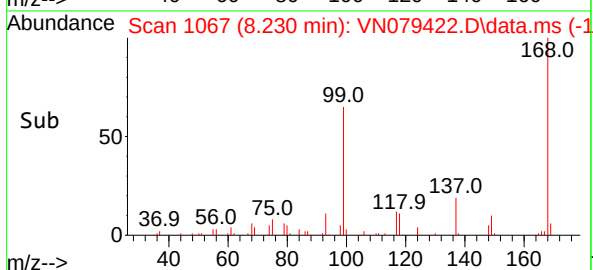
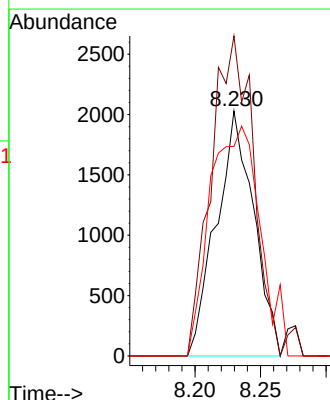
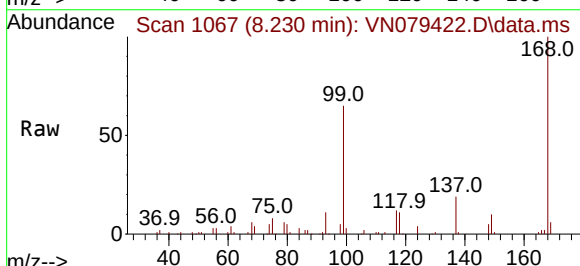
Tgt Ion: 56 Resp: 4021

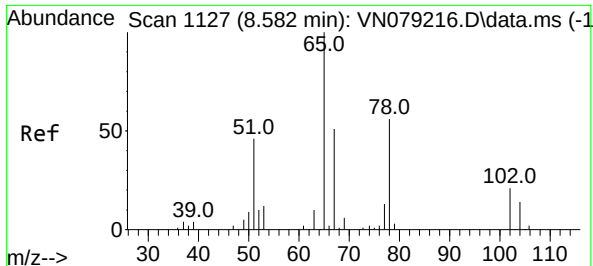
Ion Ratio Lower Upper

56 100

69 130.7 26.8 40.2#

84 85.5 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 63.980 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

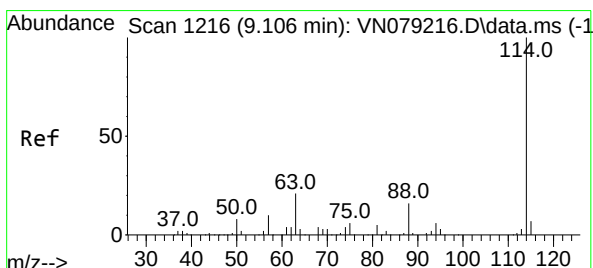
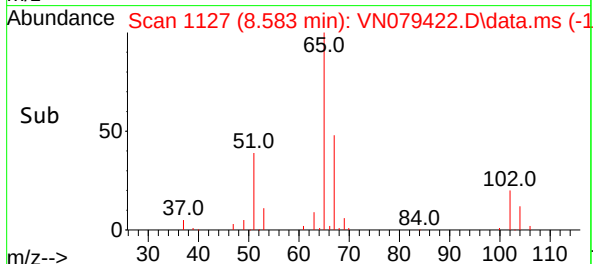
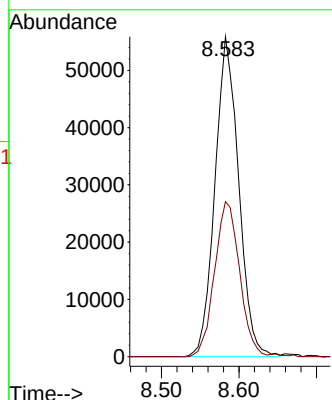
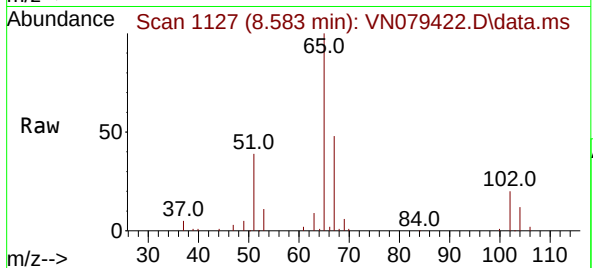
VN1005WBL01

Tgt Ion: 65 Resp: 118838

Ion Ratio Lower Upper

65 100

67 51.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

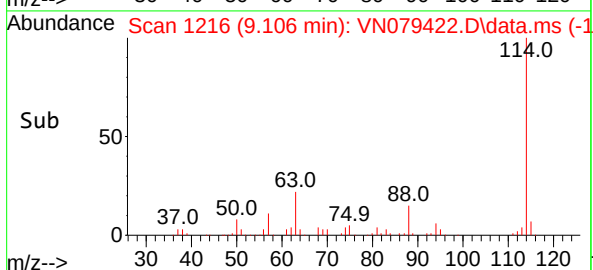
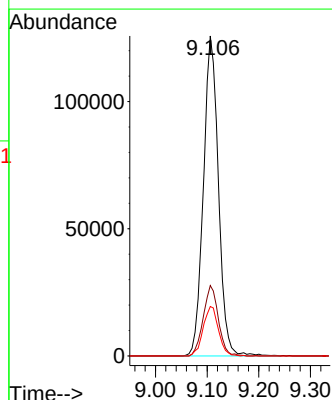
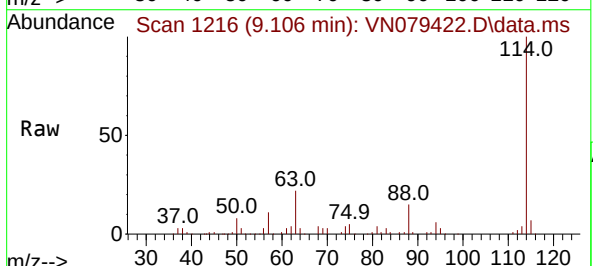
Tgt Ion: 114 Resp: 254011

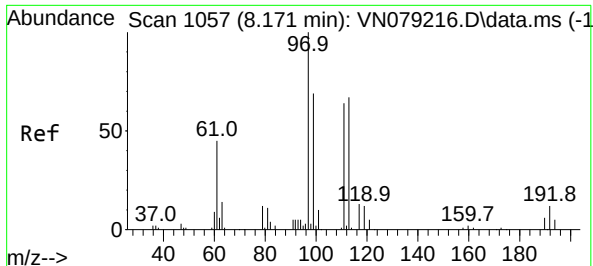
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 64.373 ug/l

RT: 8.171 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBL01

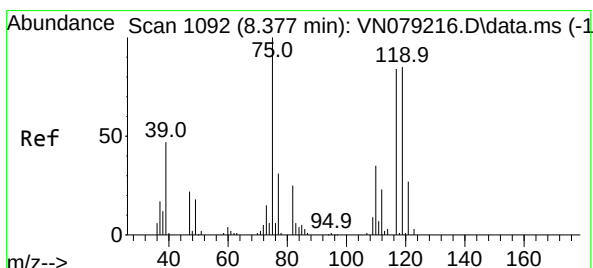
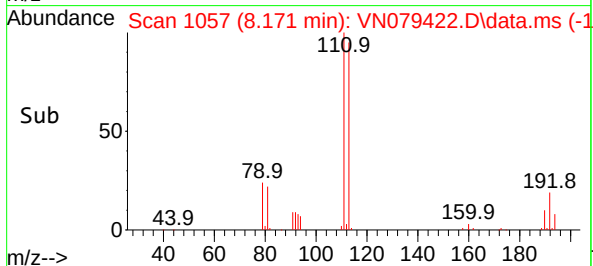
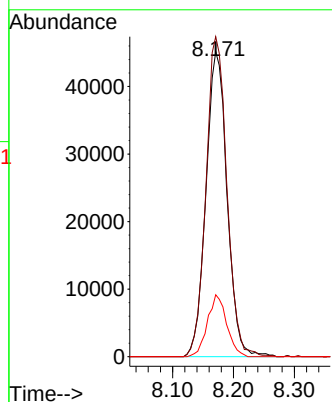
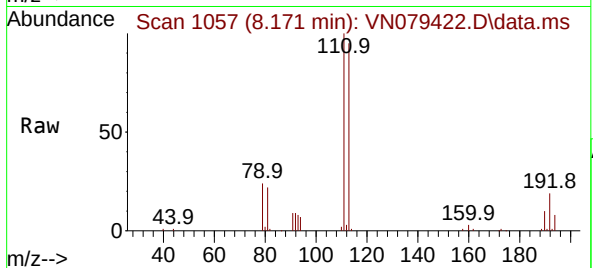
Tgt Ion:113 Resp: 108766

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 18.5 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.040 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

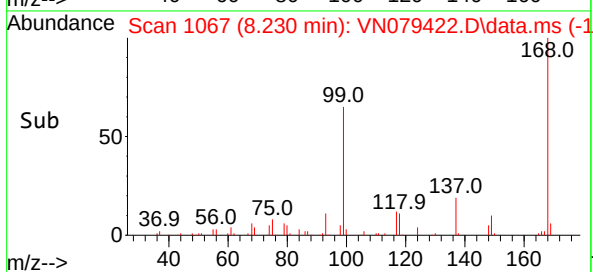
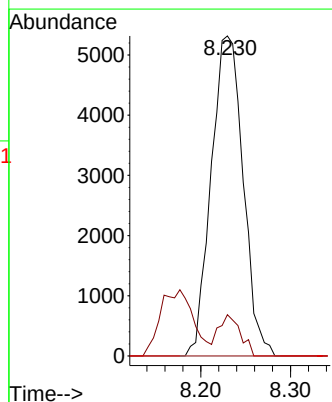
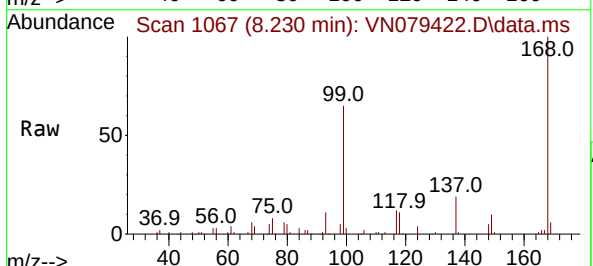
Tgt Ion: 75 Resp: 13126

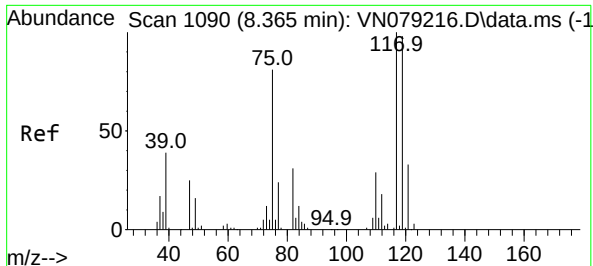
Ion Ratio Lower Upper

75 100

110 8.7 19.1 57.3#

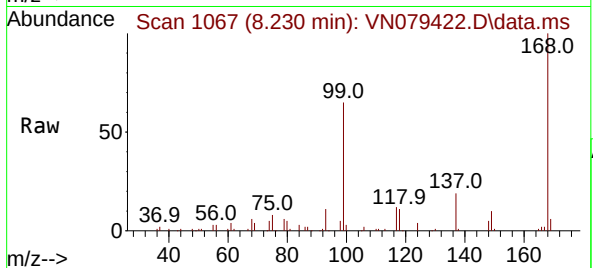
77 0.0 25.0 37.4#



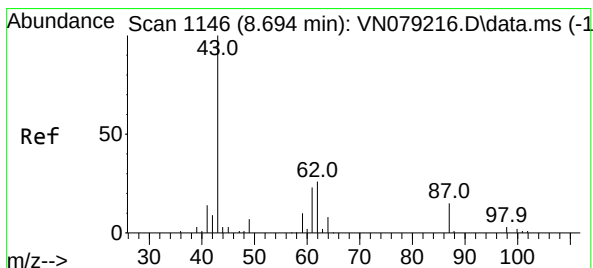
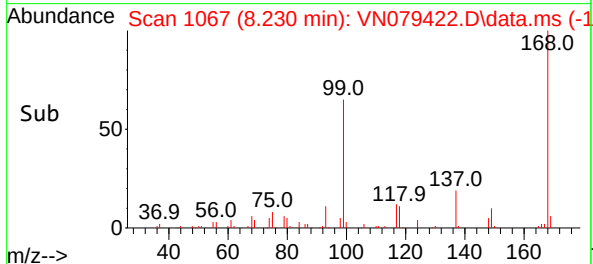
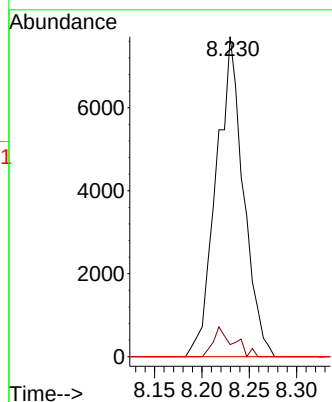


#38
Carbon Tetrachloride
Concen: 5.733 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

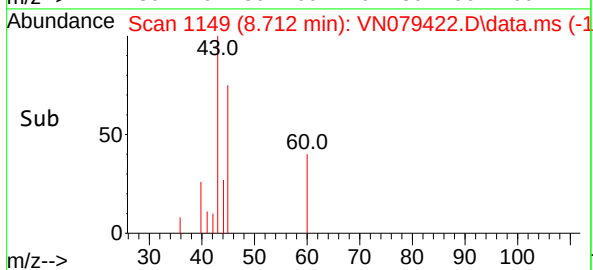
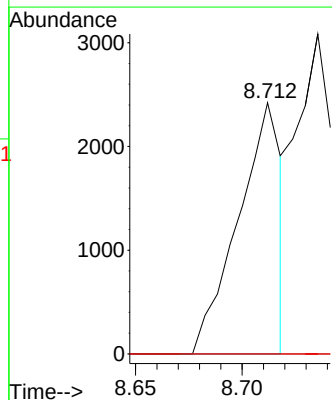
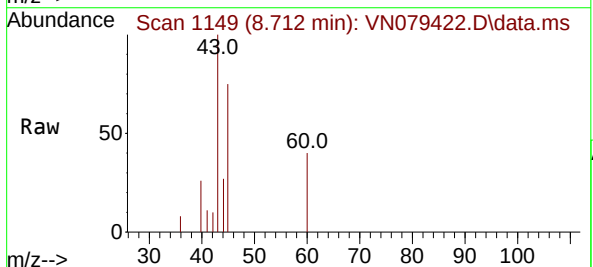


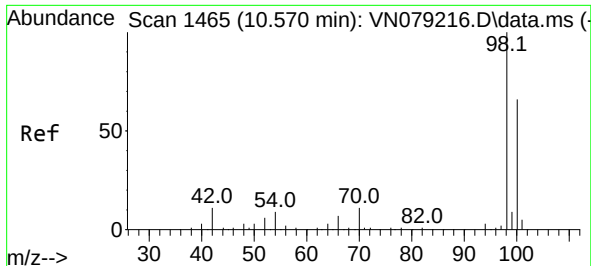
Tgt Ion: 117 Resp: 15452
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.804 ug/l
RT: 8.712 min Scan# 1149
Delta R.T. 0.018 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 43 Resp: 3409
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#

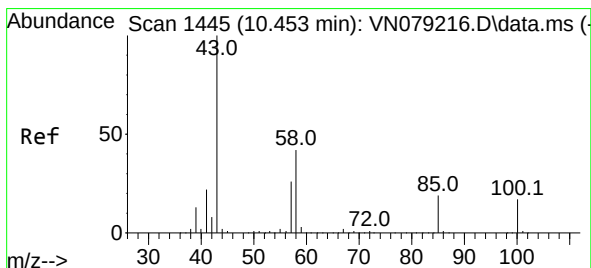
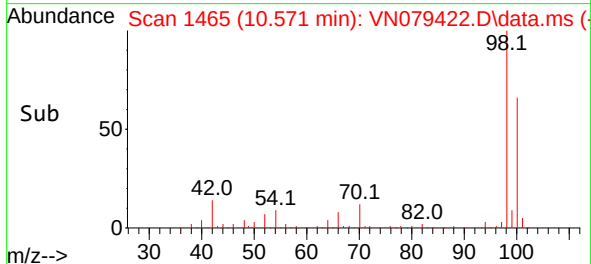
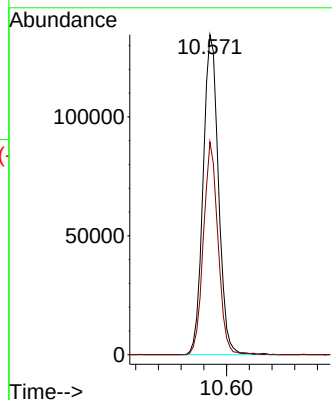
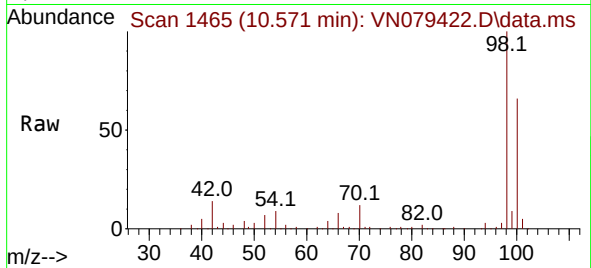




#50
Toluene-d8
Concen: 40.618 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

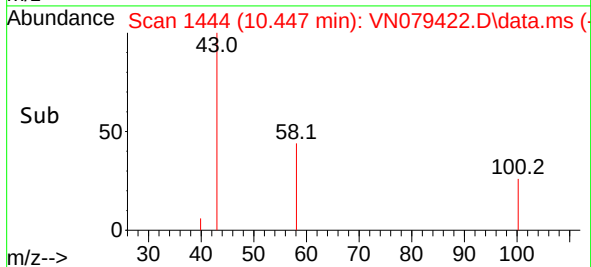
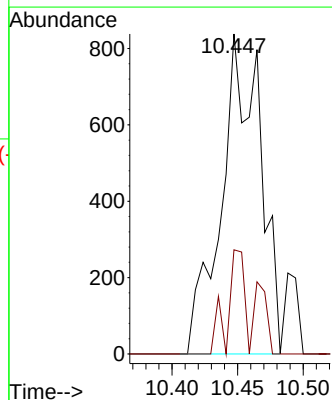
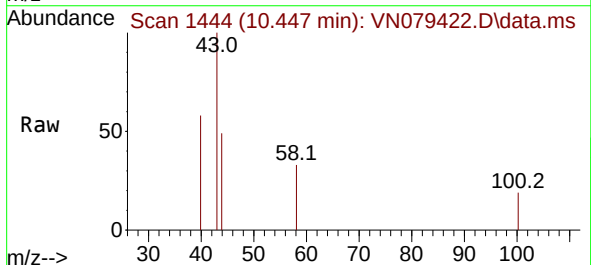
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

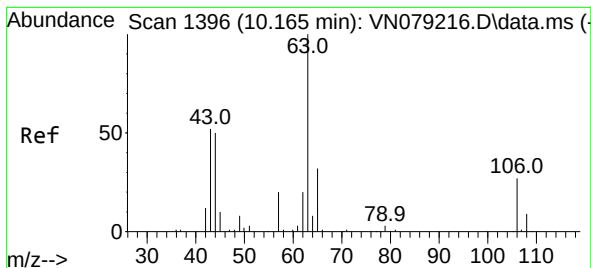
Tgt Ion: 98 Resp: 251999
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.705 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 14.1 36.6 54.8#

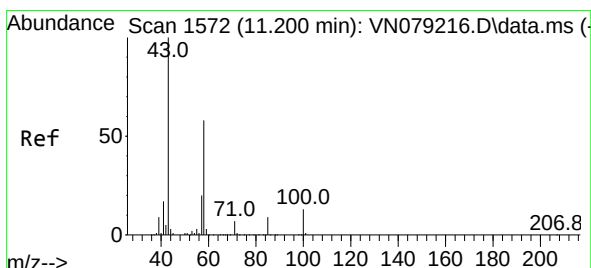
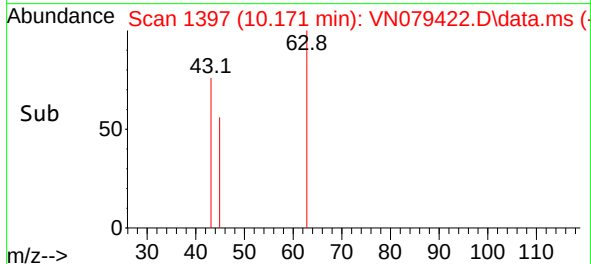
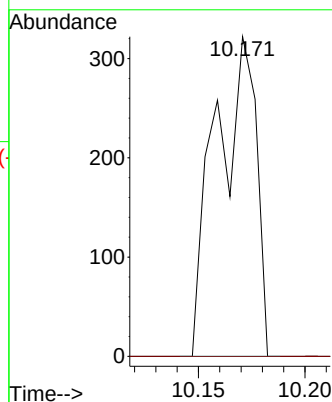
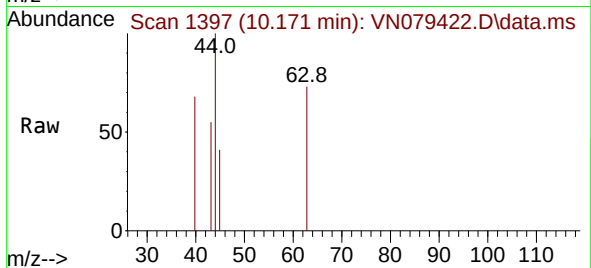




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

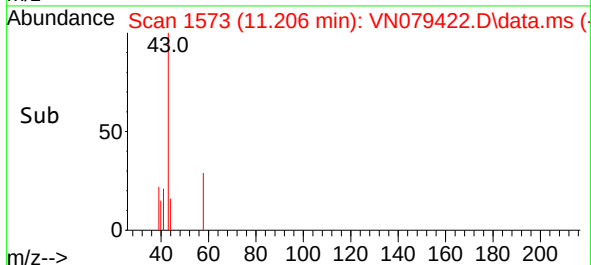
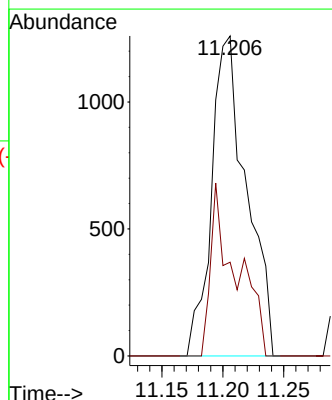
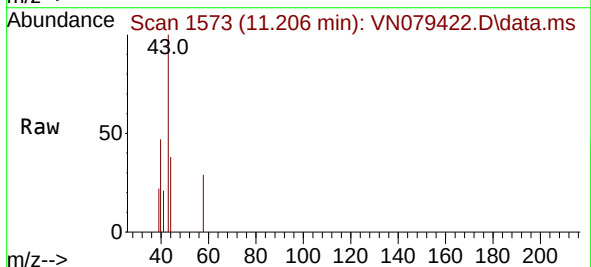
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

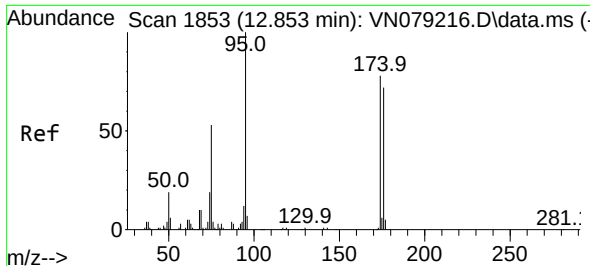
Tgt Ion: 63 Resp: 424
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 1.408 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 43 Resp: 2510
Ion Ratio Lower Upper
43 100
58 39.4 31.7 95.1

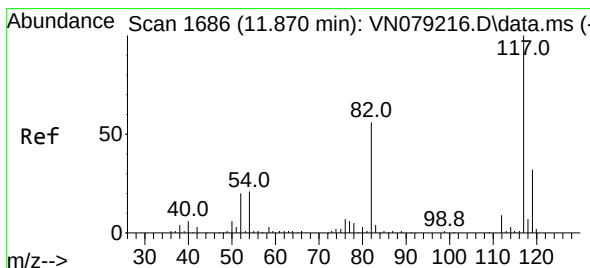
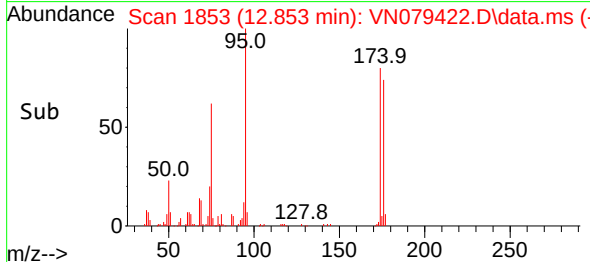
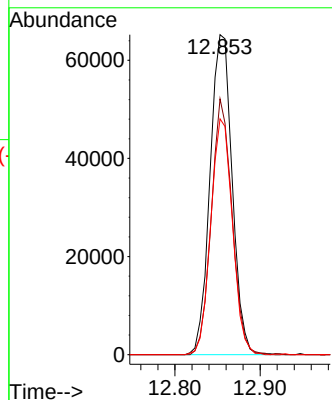
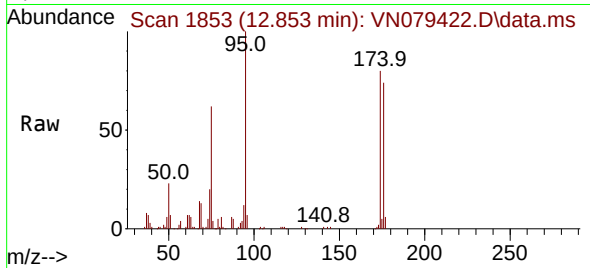




#62
4-Bromofluorobenzene
Concen: 59.397 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

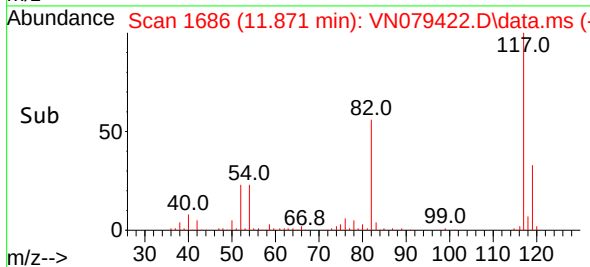
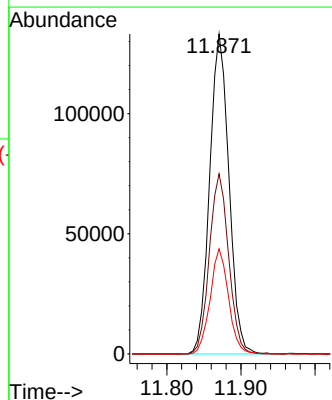
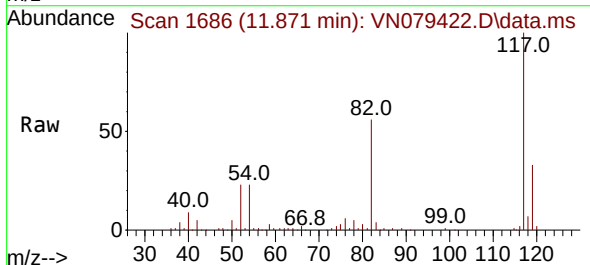
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

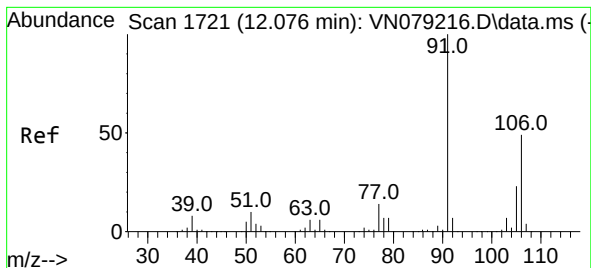
Tgt Ion: 95 Resp: 117545
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 72.1 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 117 Resp: 240111
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 32.9 25.6 38.4





#68

m/p-Xylenes

Concen: 0.248 ug/l

RT: 12.076 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

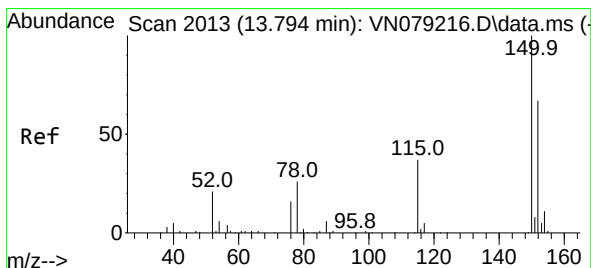
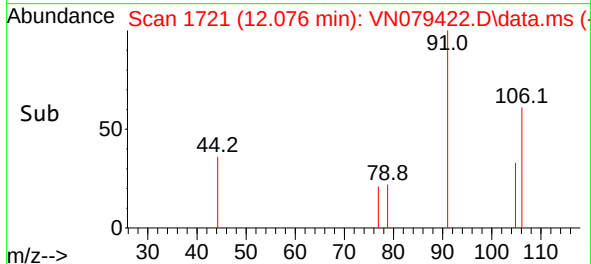
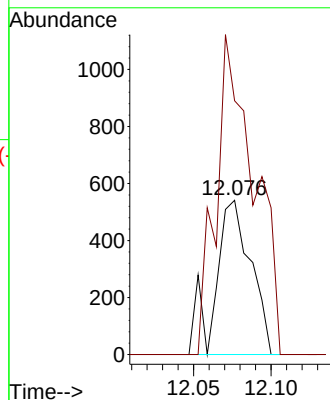
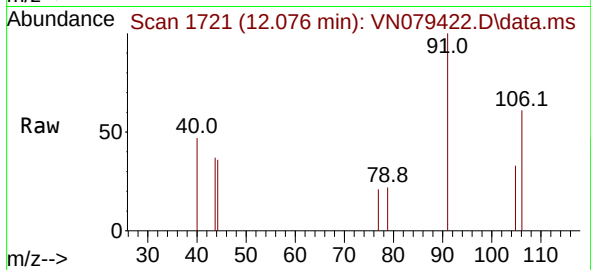
VN1005WBL01

Tgt Ion:106 Resp: 859

Ion Ratio Lower Upper

106 100

91 222.8 159.6 239.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

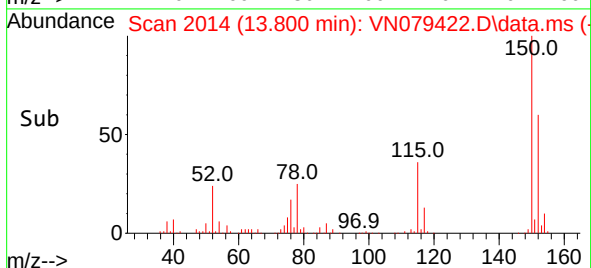
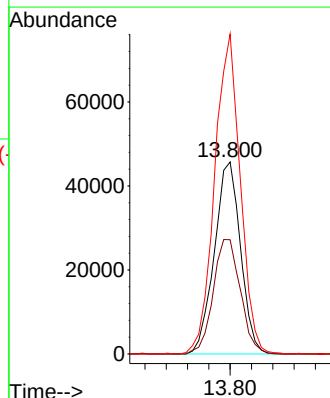
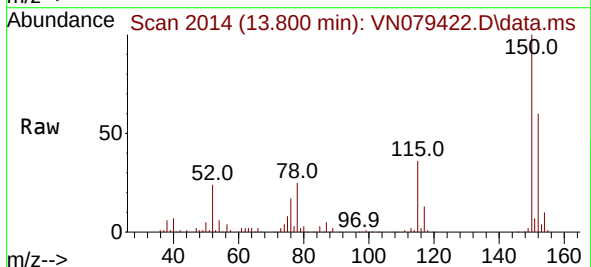
Tgt Ion:152 Resp: 77873

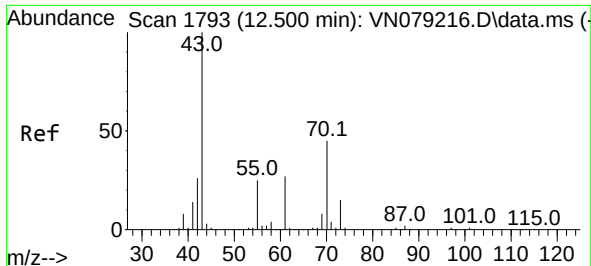
Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 163.1 0.0 355.8

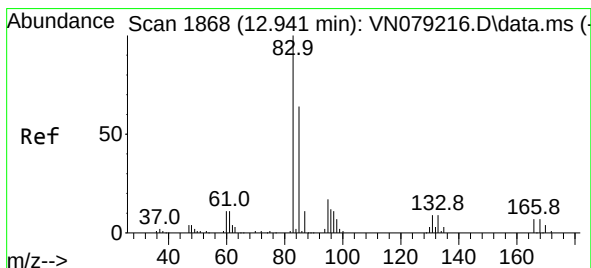
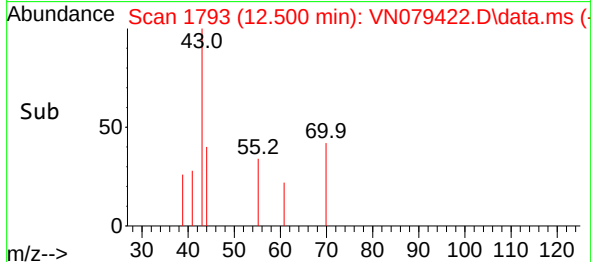
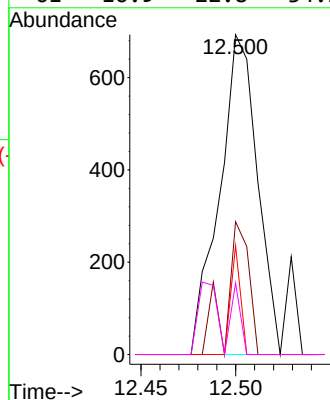
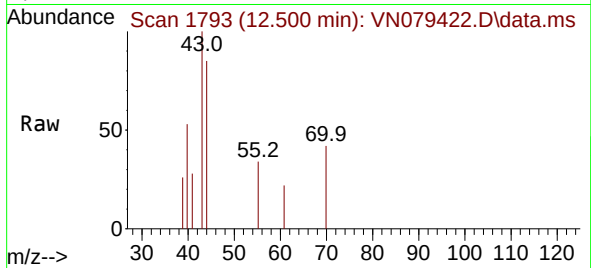




#74
N-amy1 acetate
Concen: 0.359 ug/l
RT: 12.500 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

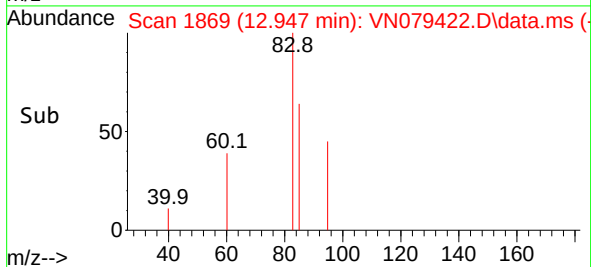
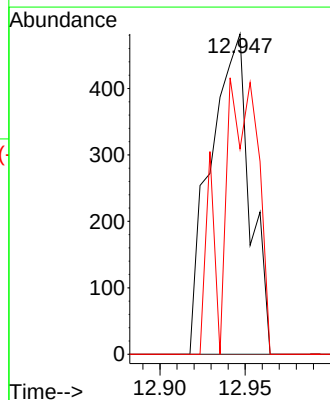
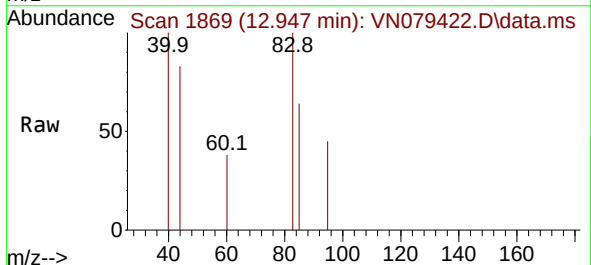
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

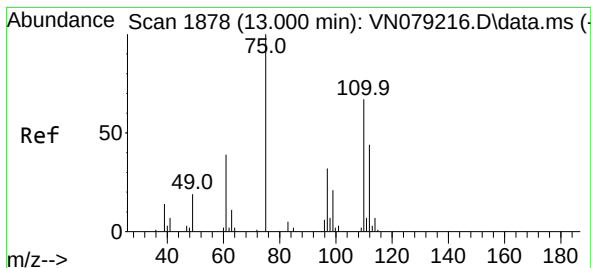
Tgt Ion: 43	Resp:	965
Ion	Ratio	Lower Upper
43	100	
70	24.9	43.4 65.2#
55	8.6	21.4 32.0#
61	16.9	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.296 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 83	Resp:	780
Ion	Ratio	Lower Upper
83	100	
131	0.0	5.0 15.0#
85	78.2	31.9 95.7





#76

1,2,3-Trichloropropane

Concen: 31.621 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

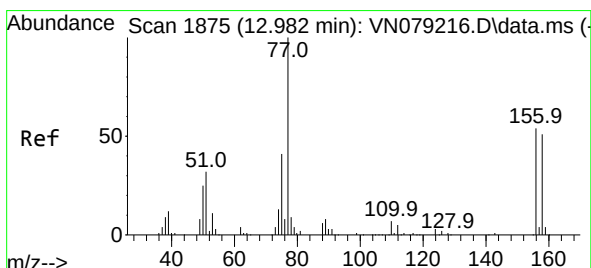
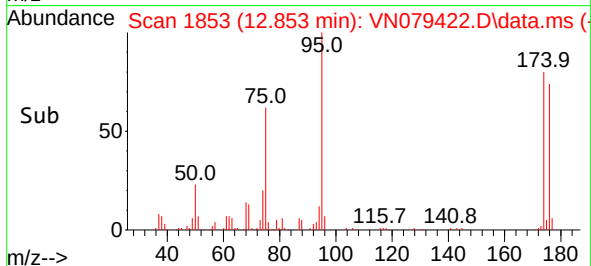
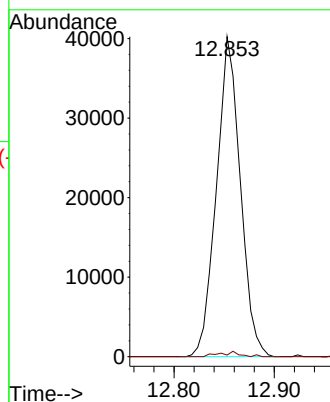
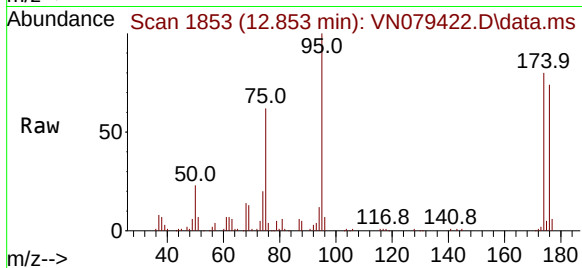
VN1005WBL01

Tgt Ion: 75 Resp: 66365

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#77

Bromobenzene

Concen: 0.386 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

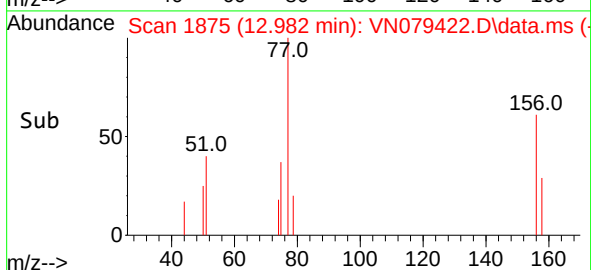
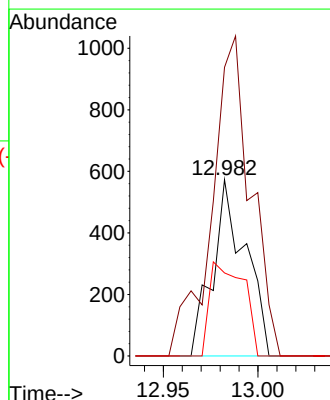
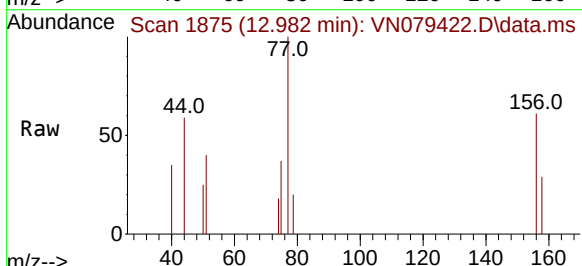
Tgt Ion:156 Resp: 692

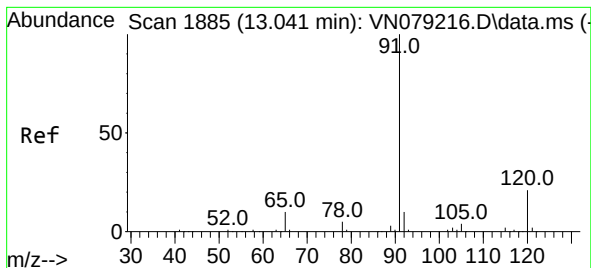
Ion Ratio Lower Upper

156 100

77 215.3 107.7 323.3

158 55.1 48.4 145.3





#78

n-propylbenzene

Concen: 0.322 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

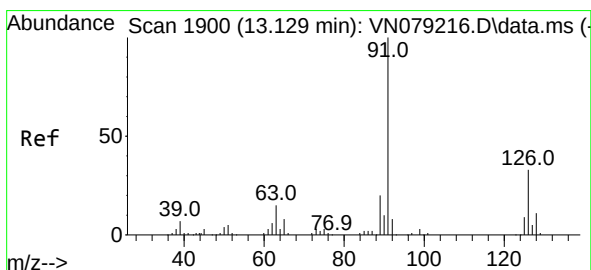
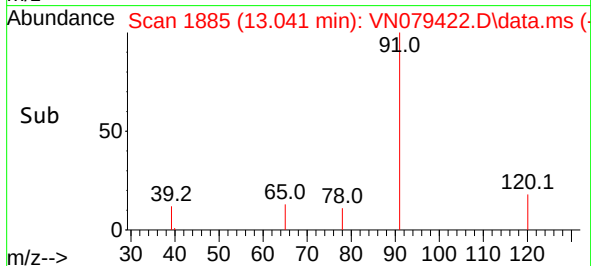
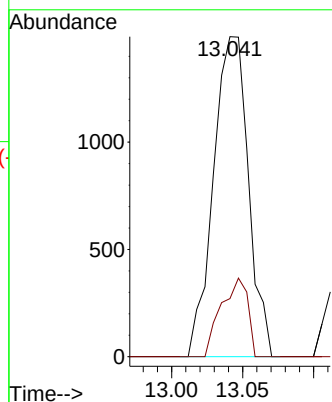
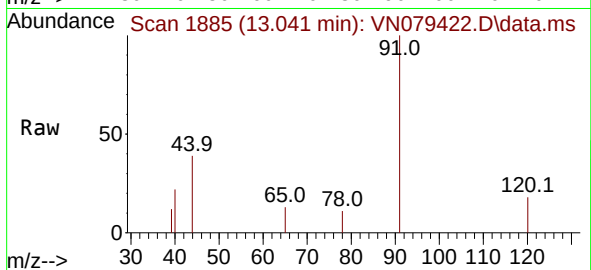
VN1005WBL01

Tgt Ion: 91 Resp: 2559

Ion Ratio Lower Upper

91 100

120 18.6 11.5 34.4



#79

2-Chlorotoluene

Concen: 0.293 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN079422.D

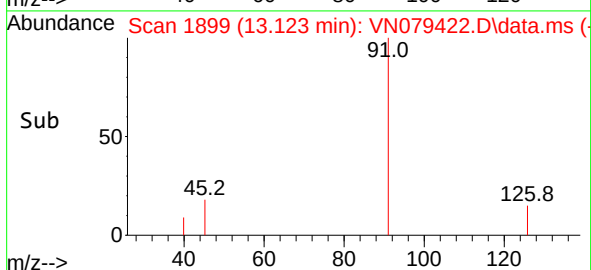
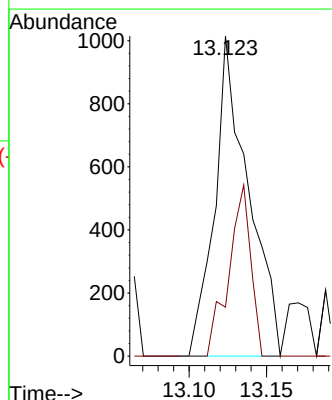
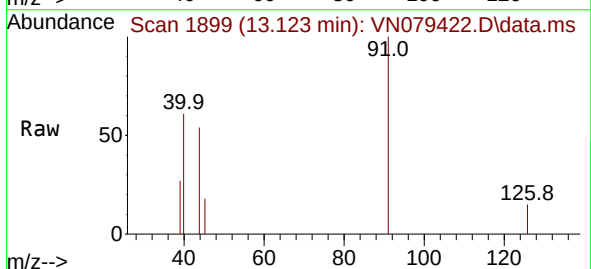
Acq: 05 Oct 2023 16:14

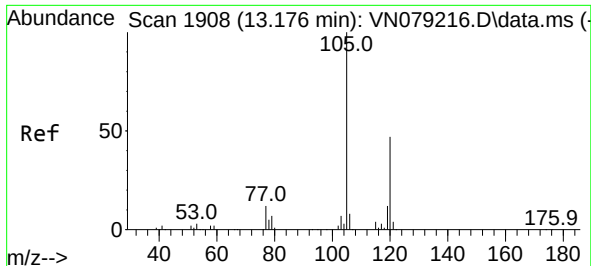
Tgt Ion: 91 Resp: 1525

Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.8

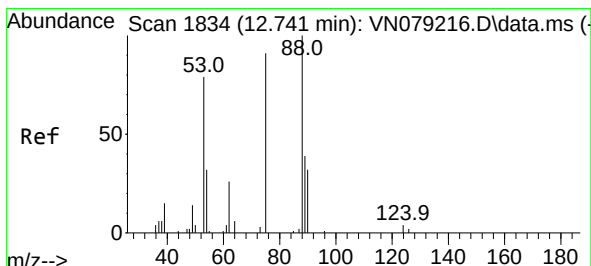
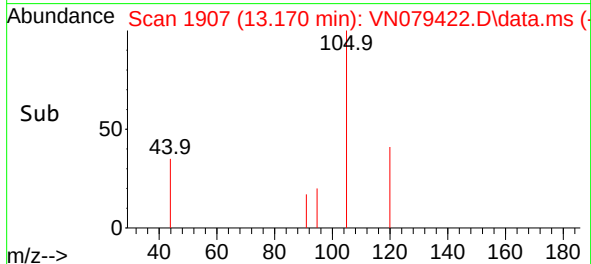
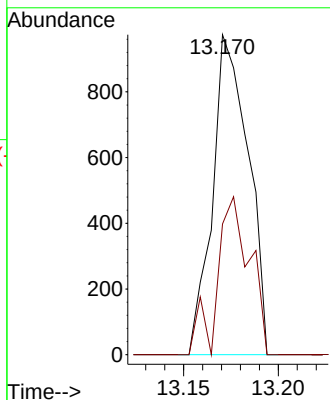
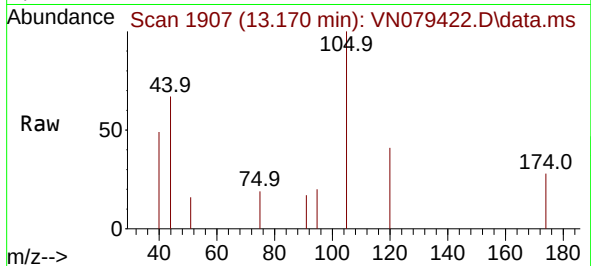




#80
1,3,5-Trimethylbenzene
Concen: 0.216 ug/l
RT: 13.170 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

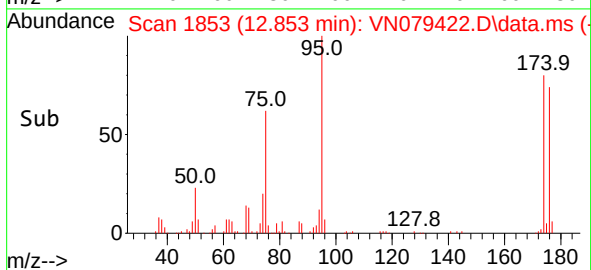
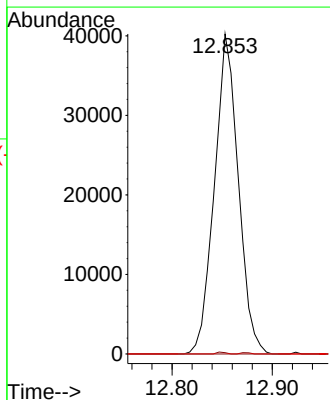
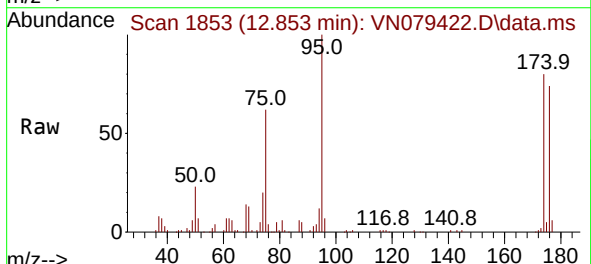
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

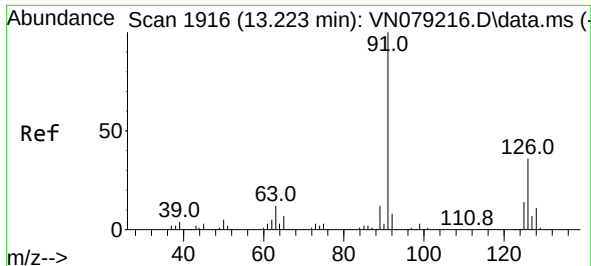
Tgt Ion:105 Resp: 1275
Ion Ratio Lower Upper
105 100
120 45.3 24.1 72.3



#81
trans-1,4-Dichloro-2-butene
Concen: 86.932 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 75 Resp: 66365
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.0 38.8 58.2#

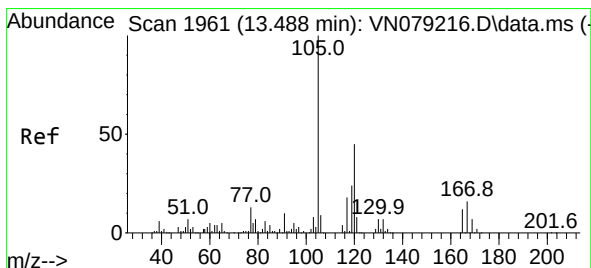
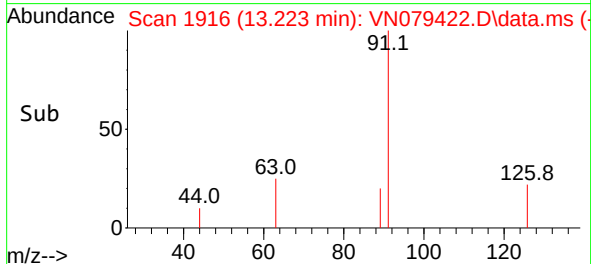
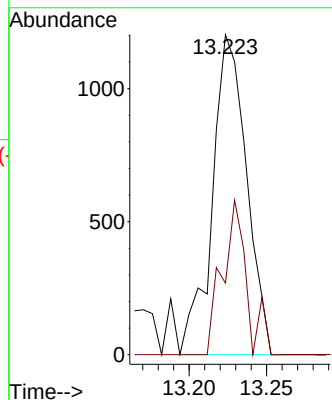
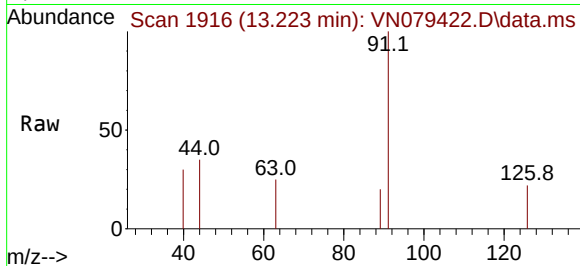




#82
4-Chlorotoluene
Concen: 0.378 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

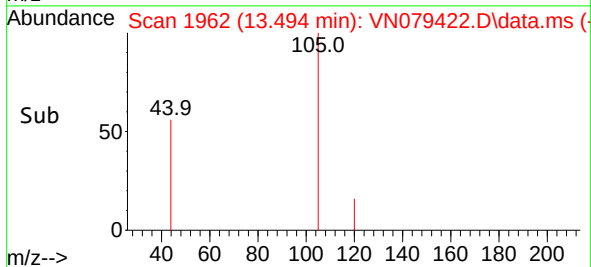
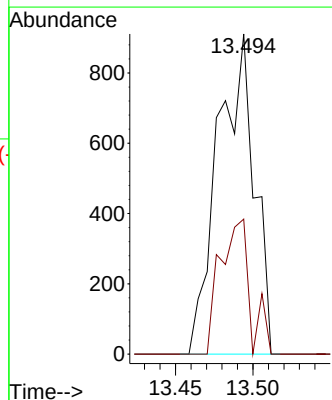
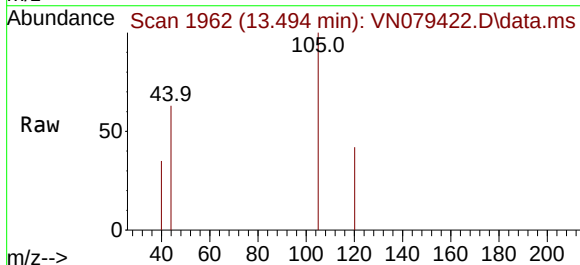
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

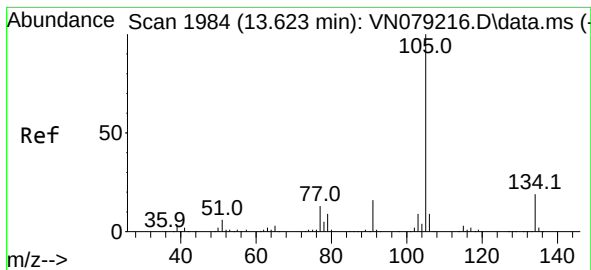
Tgt Ion: 91 Resp: 1849
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0



#84
1,2,4-Trimethylbenzene
Concen: 0.265 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion: 105 Resp: 1488
Ion Ratio Lower Upper
105 100
120 34.5 22.0 66.0

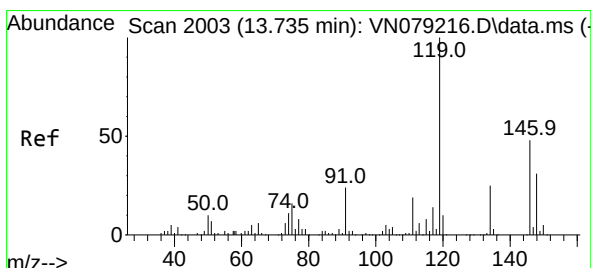
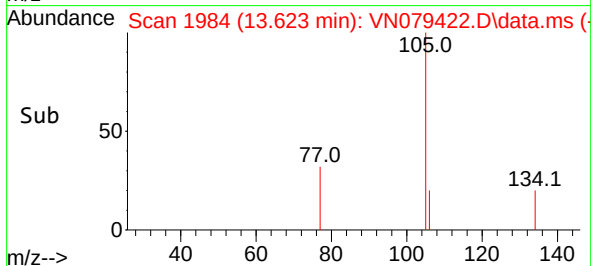
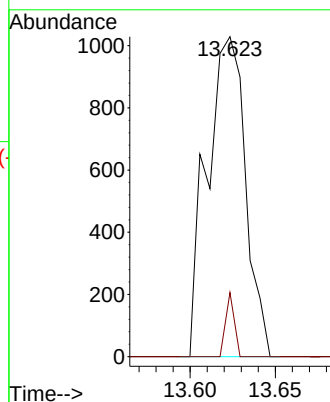
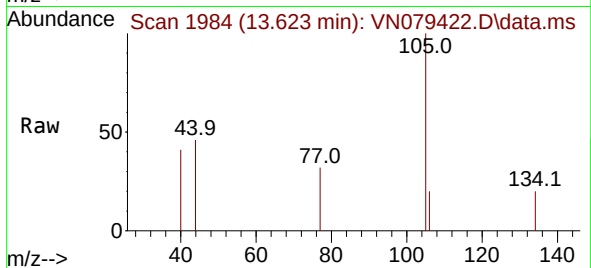




#85
 sec-Butylbenzene
 Concen: 0.241 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079422.D
 Acq: 05 Oct 2023 16:14

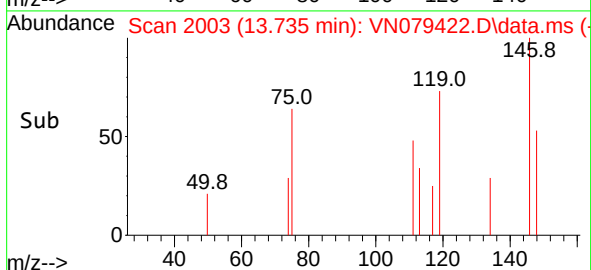
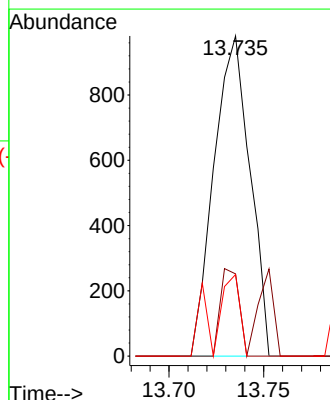
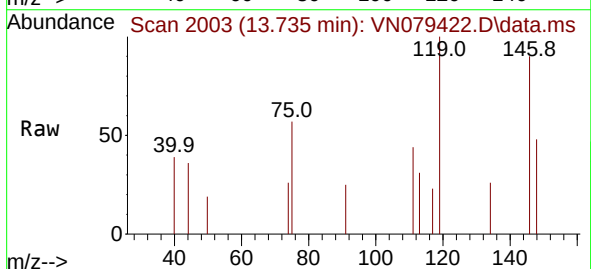
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBL01

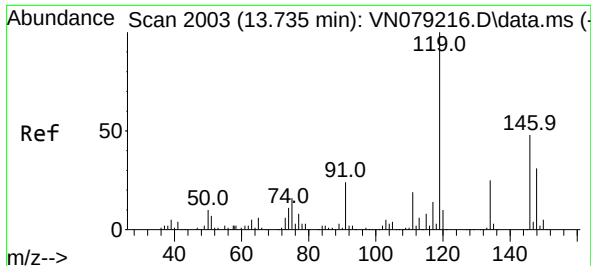
Tgt Ion:105 Resp: 1620
 Ion Ratio Lower Upper
 105 100
 134 4.5 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 0.241 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079422.D
 Acq: 05 Oct 2023 16:14

Tgt Ion:119 Resp: 1294
 Ion Ratio Lower Upper
 119 100
 134 14.2 12.6 37.8
 91 18.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 0.532 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBL01

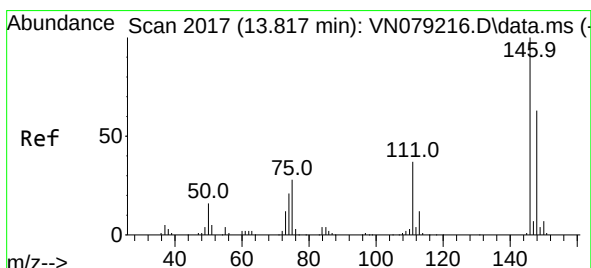
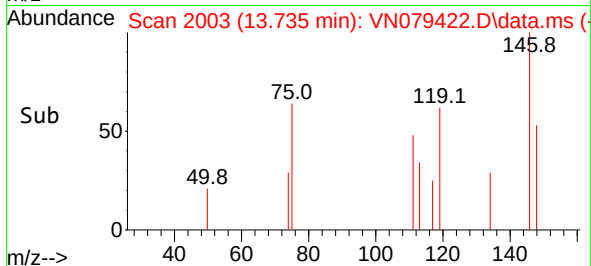
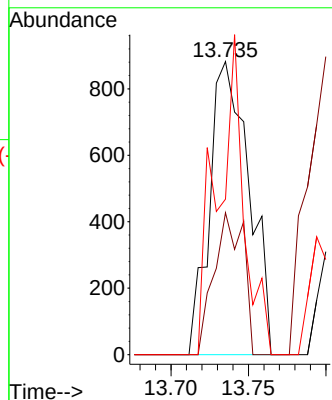
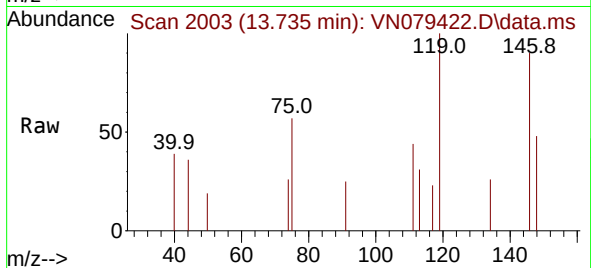
Tgt Ion:146 Resp: 1565

Ion Ratio Lower Upper

146 100

111 35.8 22.1 66.3

148 73.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.526 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.083 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

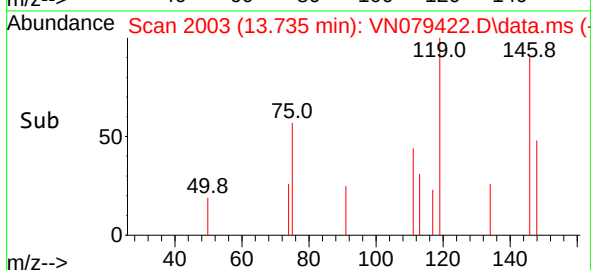
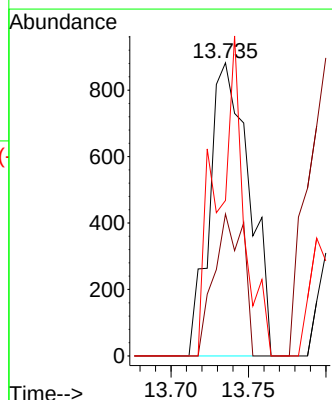
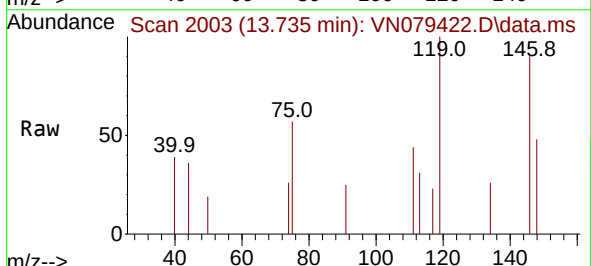
Tgt Ion:146 Resp: 1565

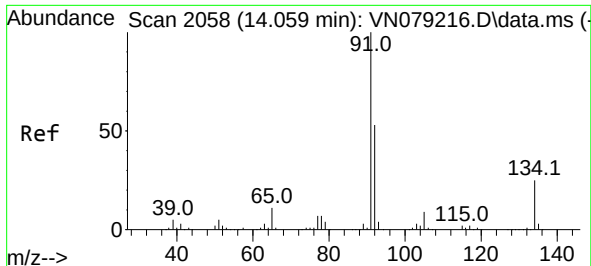
Ion Ratio Lower Upper

146 100

111 35.8 20.6 61.8

148 73.1 31.6 94.8





#89

n-Butylbenzene

Concen: 0.449 ug/l

RT: 14.065 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBL01

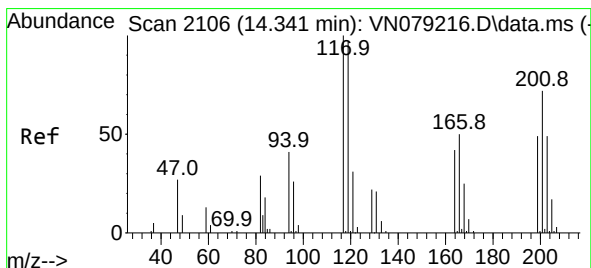
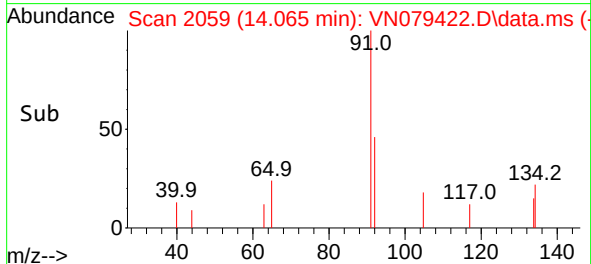
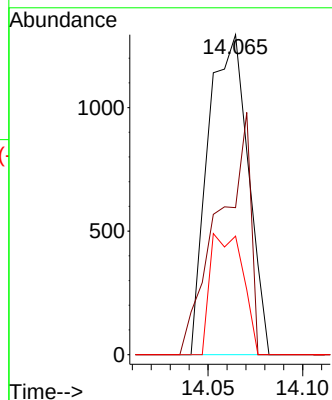
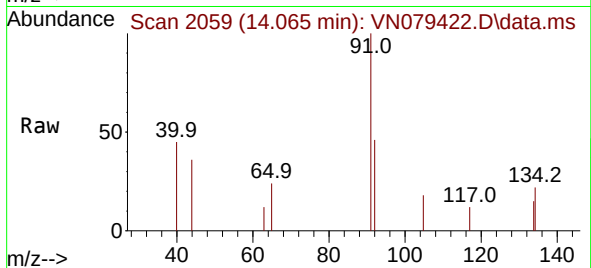
Tgt Ion: 91 Resp: 1897

Ion Ratio Lower Upper

91 100

92 59.6 26.4 79.0

134 31.0 12.6 37.6



#90

Hexachloroethane

Concen: 0.270 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN079422.D

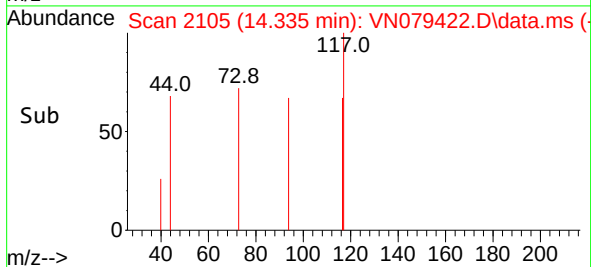
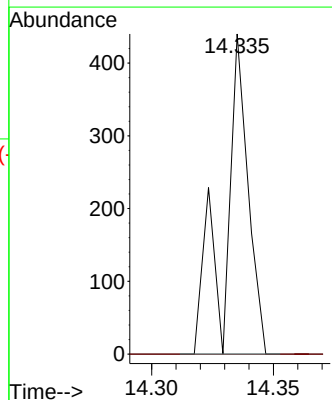
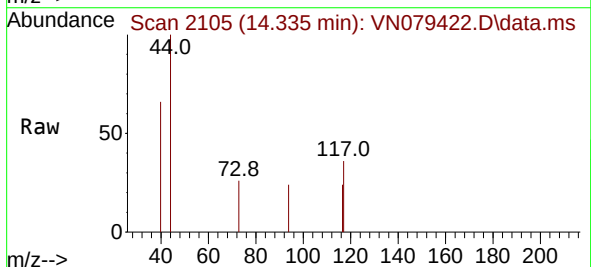
Acq: 05 Oct 2023 16:14

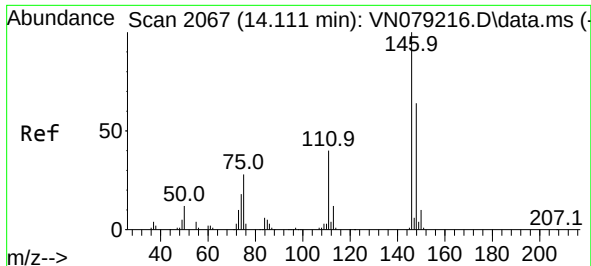
Tgt Ion: 117 Resp: 295

Ion Ratio Lower Upper

117 100

201 0.0 29.3 88.0#





#91

1,2-Dichlorobenzene

Concen: 0.583 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBL01

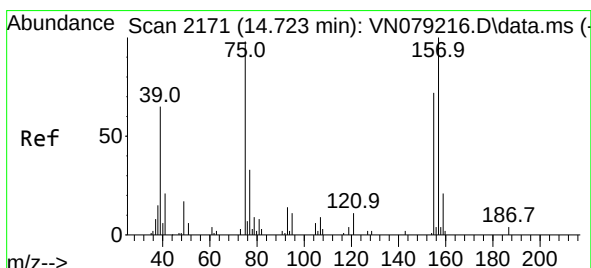
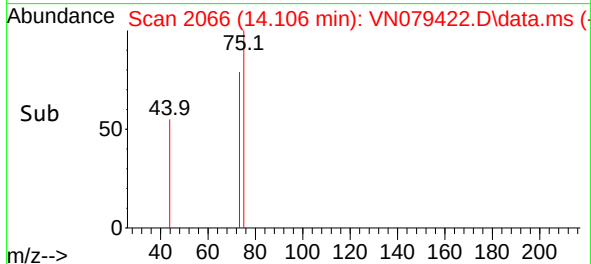
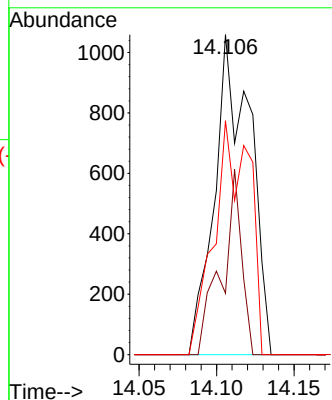
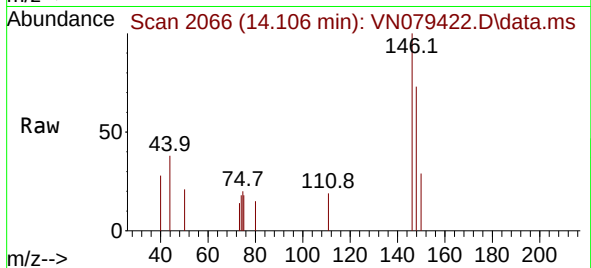
Tgt Ion:146 Resp: 1694

Ion Ratio Lower Upper

146 100

111 32.2 22.0 66.0

148 72.3 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.207 ug/l

RT: 14.712 min Scan# 2169

Delta R.T. -0.011 min

Lab File: VN079422.D

Acq: 05 Oct 2023 16:14

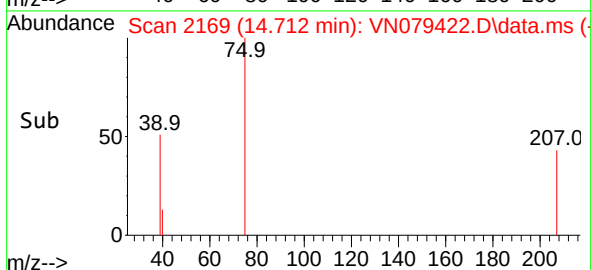
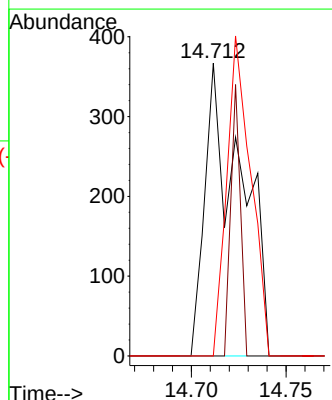
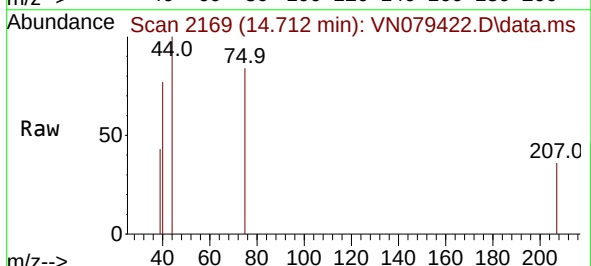
Tgt Ion: 75 Resp: 484

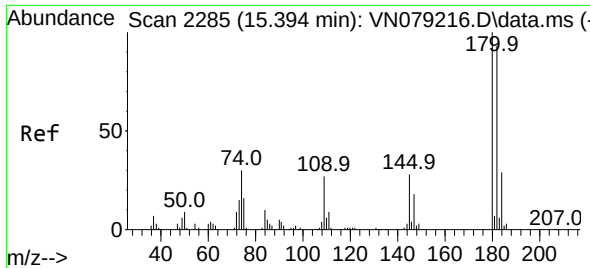
Ion Ratio Lower Upper

75 100

155 24.8 39.1 117.2#

157 73.1 50.3 150.9

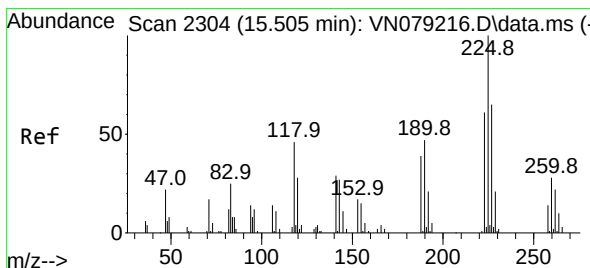
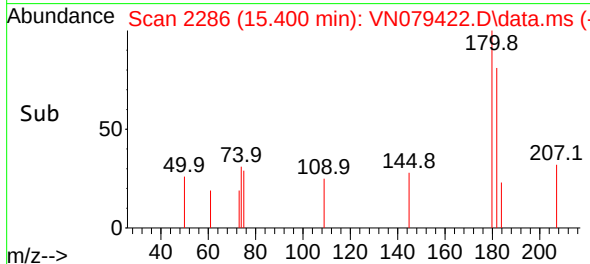
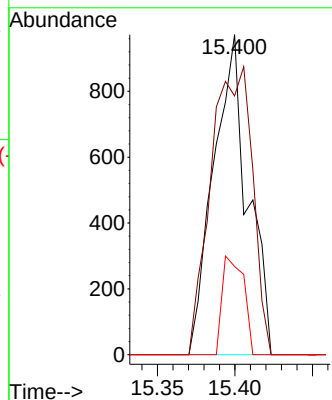
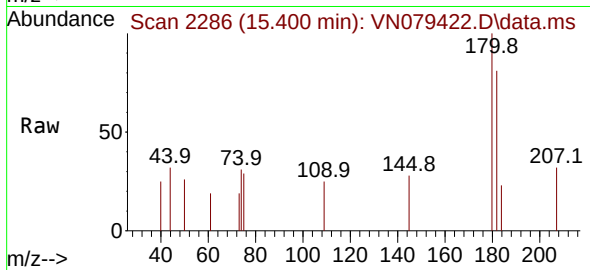




#93
1,2,4-Trichlorobenzene
Concen: 1.429 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

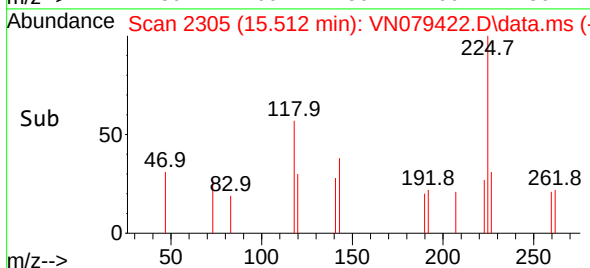
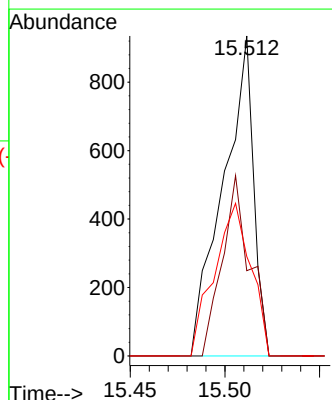
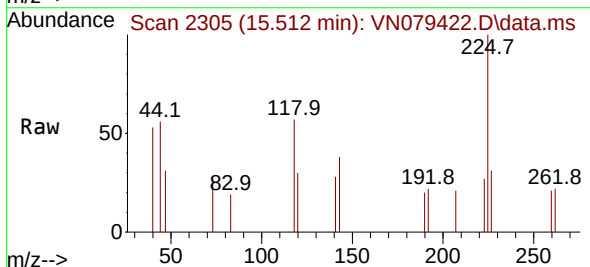
Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

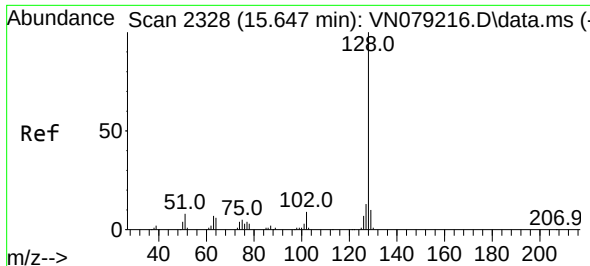
Tgt Ion:180 Resp: 1492
Ion Ratio Lower Upper
180 100
182 109.0 46.1 138.2
145 19.2 16.6 49.8



#94
Hexachlorobutadiene
Concen: 1.270 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion:225 Resp: 1043
Ion Ratio Lower Upper
225 100
223 51.0 31.3 93.8
227 57.4 31.9 95.9

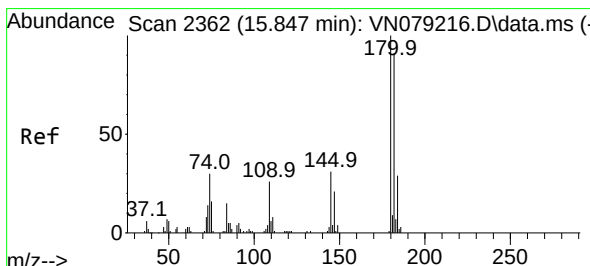
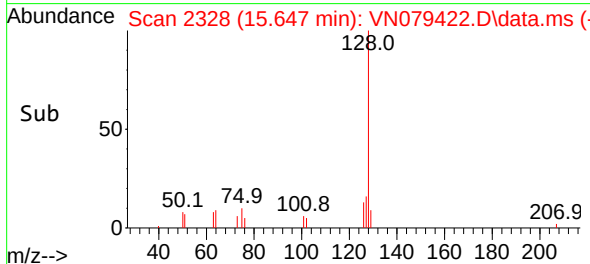
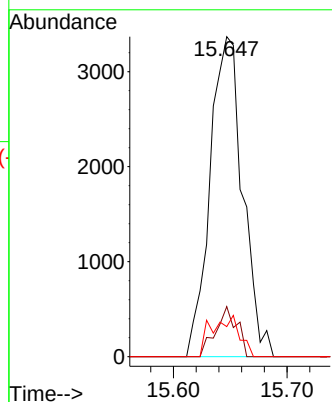
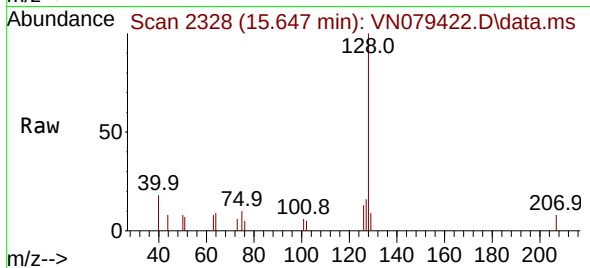




#95
Naphthalene
Concen: 2.170 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Instrument :
MSVOA_N
ClientSampleId :
VN1005WBL01

Tgt Ion:128 Resp: 6728
Ion Ratio Lower Upper
128 100
127 10.2 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.558 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079422.D
Acq: 05 Oct 2023 16:14

Tgt Ion:180 Resp: 1919
Ion Ratio Lower Upper
180 100
182 107.6 46.2 138.6
145 41.4 17.5 52.6

