

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079371.D
 Acq On : 28 Sep 2023 14:03
 Operator : JC\MD
 Sample : 04613-05 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 29 04:35:39 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	8.229	168	159076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	302029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	263999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82814	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	105829	49.283	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.560%
35) Dibromofluoromethane	8.171	113	82778	41.203	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.400%
50) Toluene-d8	10.571	98	273469	37.071	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	74.140%#
62) 4-Bromofluorobenzene	12.853	95	99000	42.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.140%

Target Compounds			Qvalue			
6) Chloroethane	3.106	64	630	Below Cal	#	43
8) Diethyl Ether	3.965	74	7145	6.244	ug/l	73
11) Tert butyl alcohol	5.530	59	5351	13.497	ug/l #	72
13) Acrolein	4.418	56	269	0.711	ug/l #	16
16) Acetone	4.436	43	12392	13.588	ug/l #	80
18) Methyl Acetate	5.041	43	5718	1.526	ug/l #	77
19) Methyl tert-butyl Ether	5.794	73	4780	0.821	ug/l #	5
20) Methylene Chloride	5.283	84	1063	0.479	ug/l #	81
22) Diisopropyl ether	6.683	45	21783	3.668	ug/l #	1
23) Vinyl Acetate	6.671	43	3064	0.839	ug/l #	62
25) 2-Butanone	7.512	43	1813	1.370	ug/l #	87
31) Cyclohexane	8.229	56	8164	2.604	ug/l #	55
36) 1,1-Dichloropropene	8.229	75	15294	4.939	ug/l #	45
37) Ethyl Acetate	7.512	43	1813	0.587	ug/l #	63
38) Carbon Tetrachloride	8.229	117	18096	5.647	ug/l #	17
39) Methylcyclohexane	9.606	83	5459	1.787	ug/l #	79
40) Benzene	8.612	78	365331	38.538	ug/l	100
43) Isopropyl Acetate	8.718	43	5726	1.136	ug/l #	49
45) 1,2-Dichloropropane	9.365	63	842	0.358	ug/l #	45
52) Toluene	10.635	92	330492	56.729	ug/l	97
53) t-1,3-Dichloropropene	10.741	75	1893	0.549	ug/l #	47
58) 2-Chloroethyl Vinyl ether	10.165	63	241	Below Cal	#	42
59) 2-Hexanone	11.206	43	913	0.431	ug/l	60
67) Ethyl Benzene	11.965	91	67334	6.582	ug/l	90
68) m/p-Xylenes	12.070	106	161077	42.245	ug/l	94
69) o-Xylene	12.400	106	63414	17.341	ug/l	95
70) Styrene	12.400	104	4271	0.726	ug/l #	1
73) Isopropylbenzene	12.694	105	15823	2.100	ug/l	96
76) 1,2,3-Trichloropropane	12.853	75	55908	25.049	ug/l #	1
78) n-propylbenzene	13.041	91	13241	1.564	ug/l	93
79) 2-Chlorotoluene	13.100	91	8273	1.494	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	29459	4.692	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.853	75	55908	68.865	ug/l #	15
82) 4-Chlorotoluene	13.176	91	3839	0.738	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.488	105	25993	4.347	ug/l	99
86) p-Isopropyltoluene	13.676	119	1348	0.236	ug/l	91

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

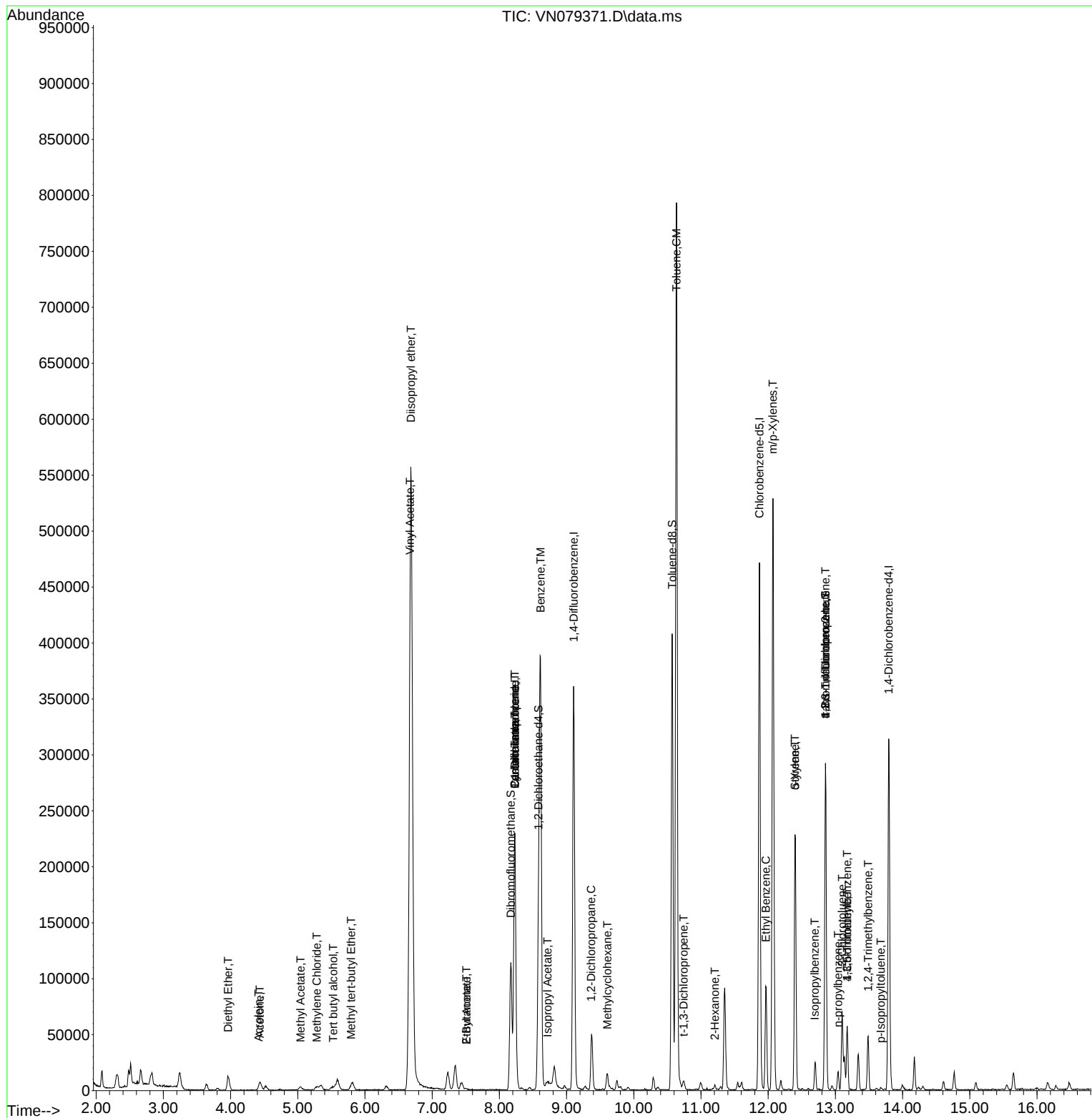
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

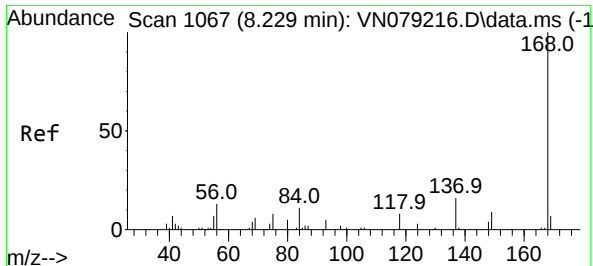
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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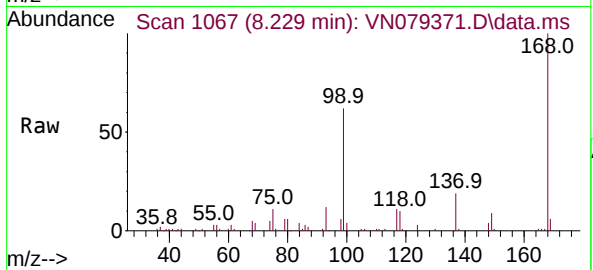
Quant Time: Sep 29 04:35:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
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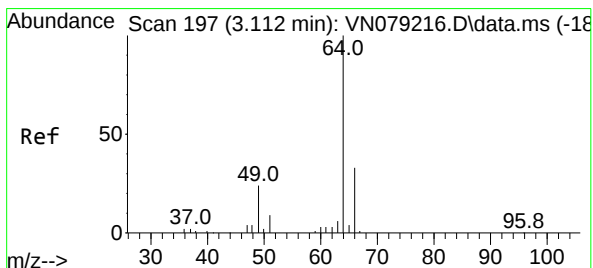
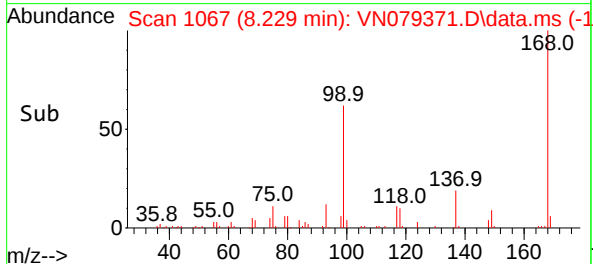
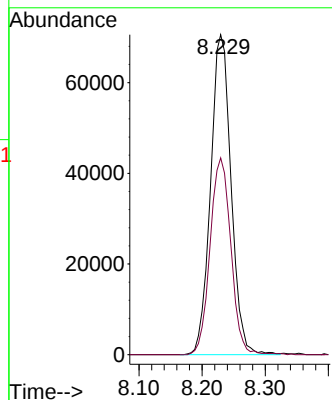


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :

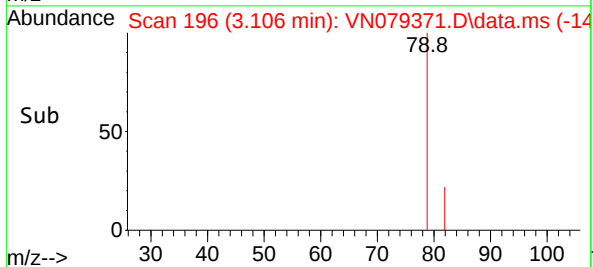
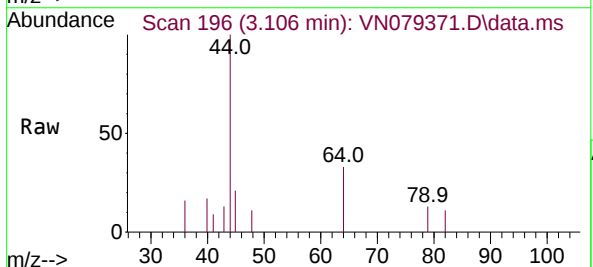


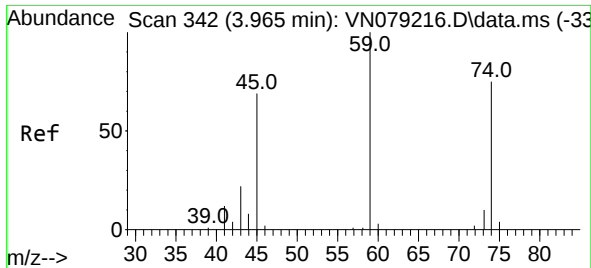
Tgt Ion:168 Resp: 159076
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 64 Resp: 630
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#8

Diethyl Ether

Concen: 6.244 ug/l

RT: 3.965 min Scan# 342

Delta R.T. -0.006 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

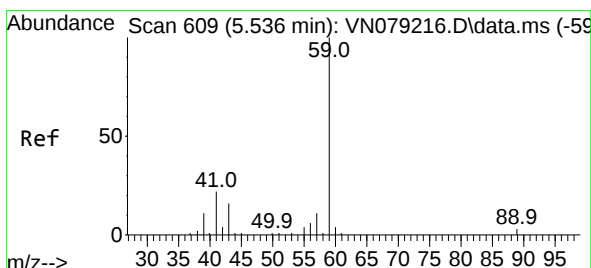
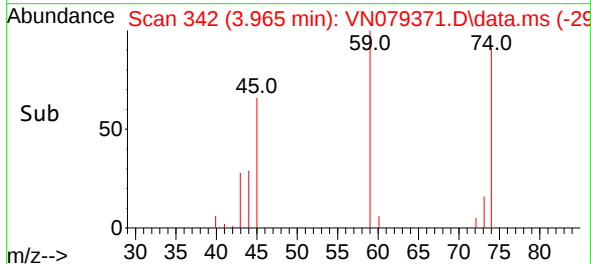
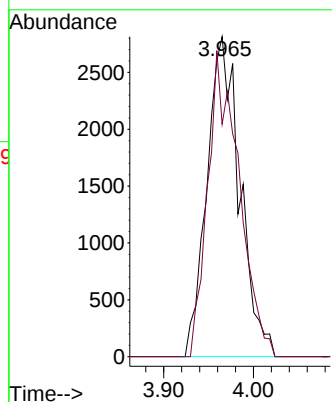
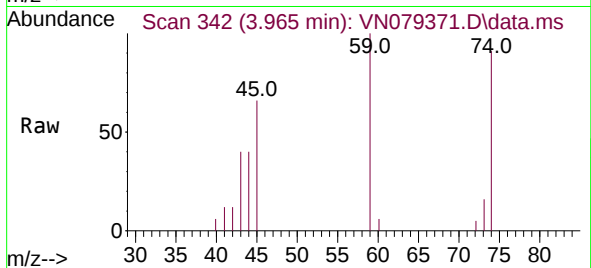
ClientSampleId :

Tgt Ion: 74 Resp: 7145

Ion Ratio Lower Upper

74 100

45 91.0 34.4 103.3



#11

Tert butyl alcohol

Concen: 13.497 ug/l

RT: 5.530 min Scan# 608

Delta R.T. -0.012 min

Lab File: VN079371.D

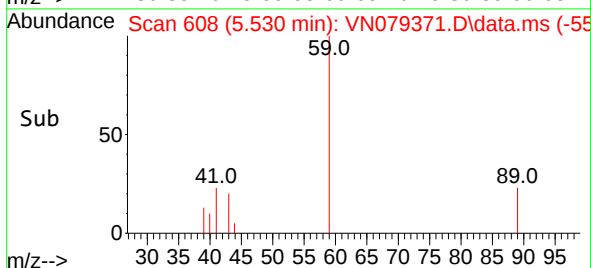
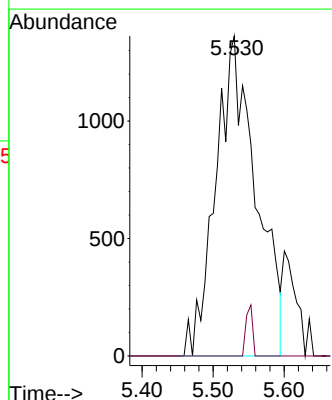
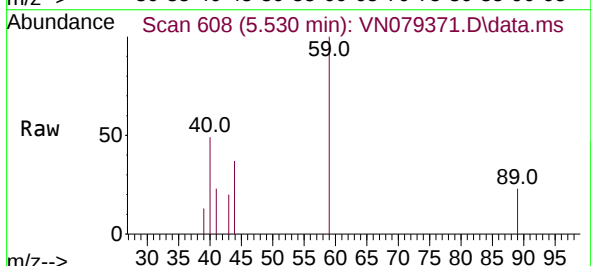
Acq: 28 Sep 2023 14:03

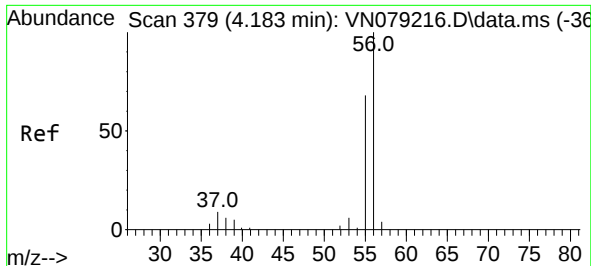
Tgt Ion: 59 Resp: 5351

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.711 ug/l

RT: 4.418 min Scan# 419

Delta R.T. 0.223 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

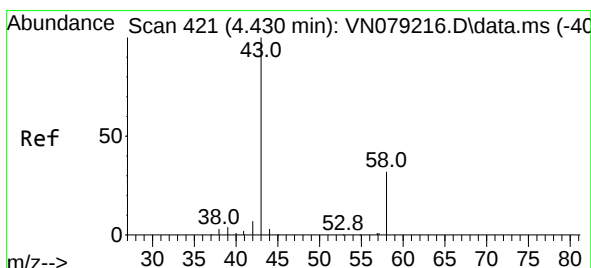
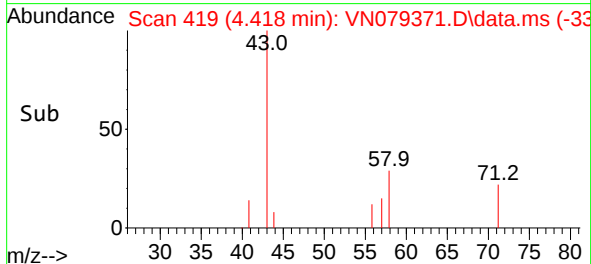
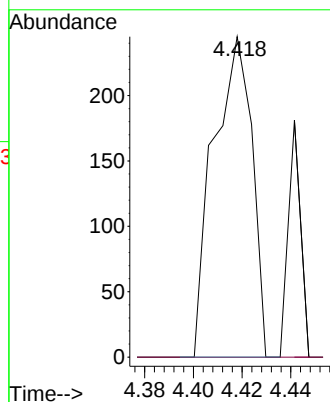
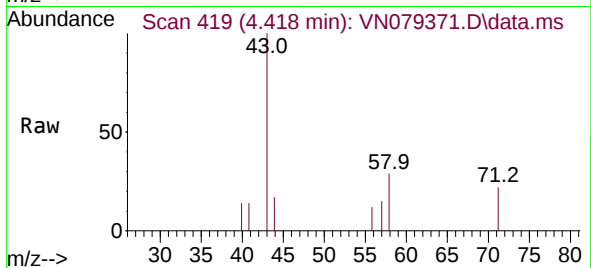
ClientSampleId :

Tgt Ion: 56 Resp: 269

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#



#16

Acetone

Concen: 13.588 ug/l

RT: 4.436 min Scan# 422

Delta R.T. -0.006 min

Lab File: VN079371.D

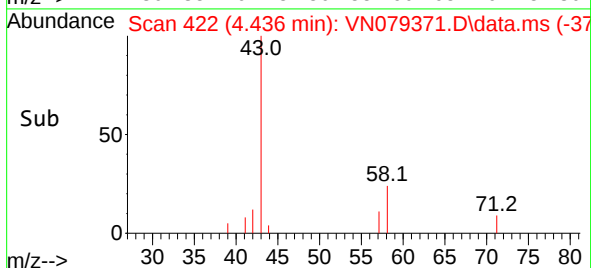
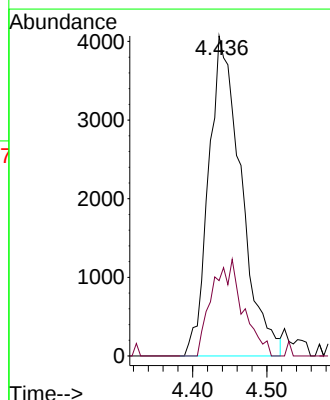
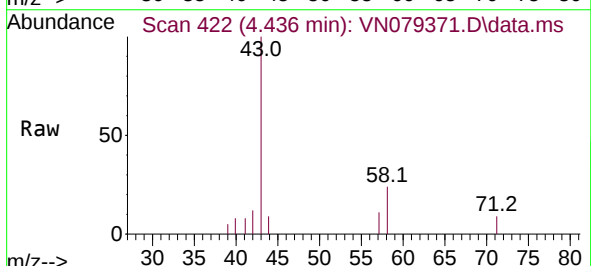
Acq: 28 Sep 2023 14:03

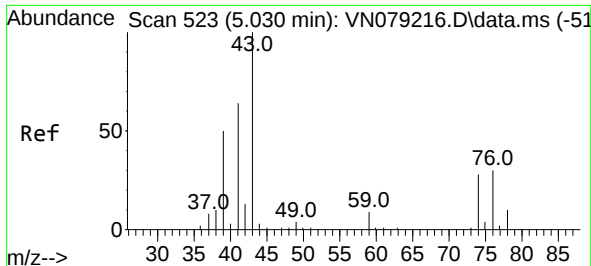
Tgt Ion: 43 Resp: 12392

Ion Ratio Lower Upper

43 100

58 23.5 28.0 42.0#

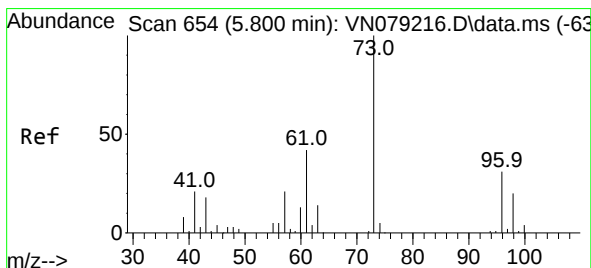
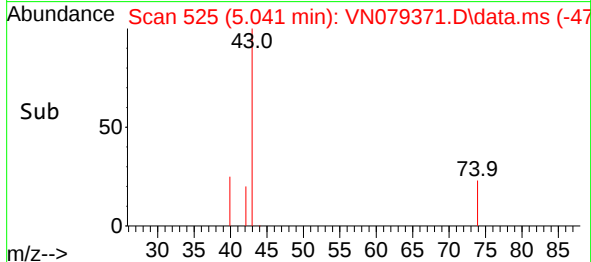
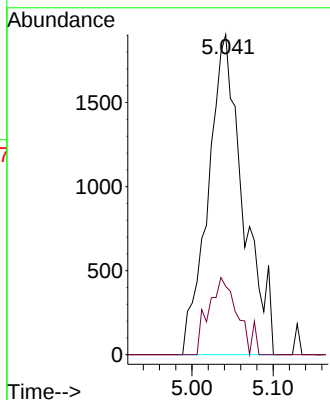
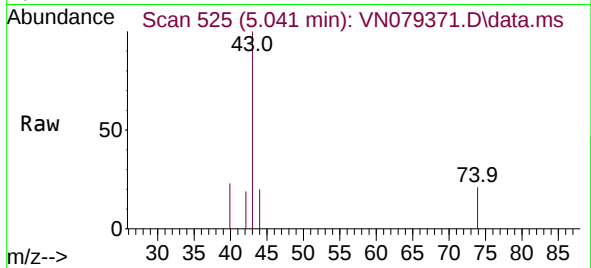




#18
Methyl Acetate
Concen: 1.526 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

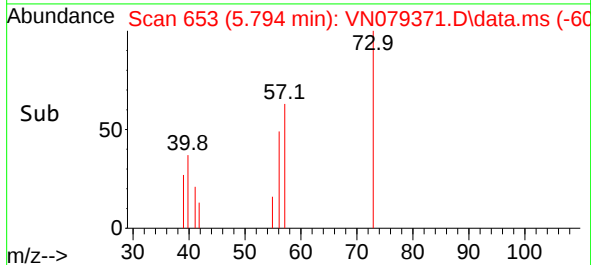
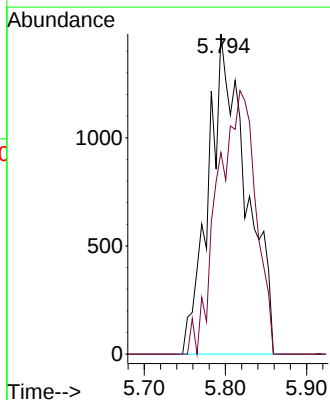
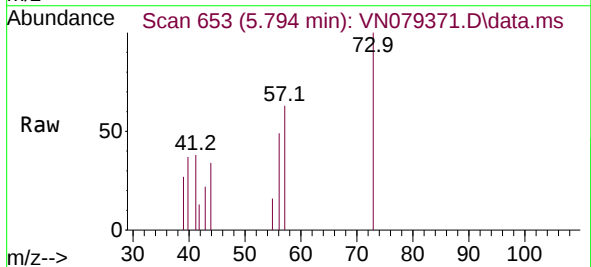
Instrument :
MSVOA_N
ClientSampleId :

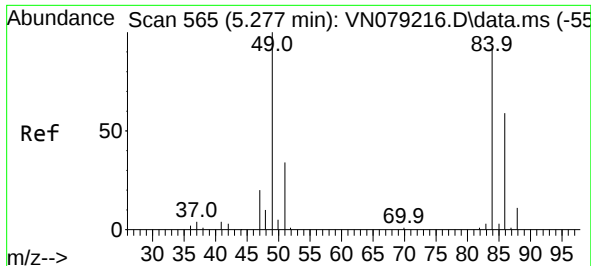
Tgt Ion: 43 Resp: 5718
Ion Ratio Lower Upper
43 100
74 20.0 26.2 39.4#



#19
Methyl tert-butyl Ether
Concen: 0.821 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.024 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

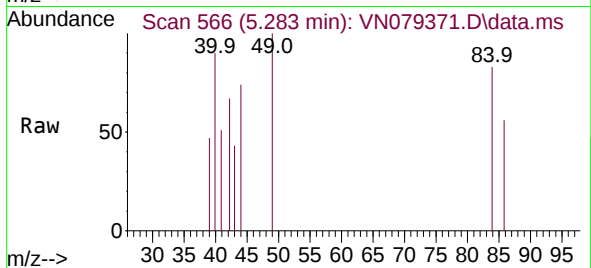
Tgt Ion: 73 Resp: 4780
Ion Ratio Lower Upper
73 100
57 62.9 15.6 23.4#



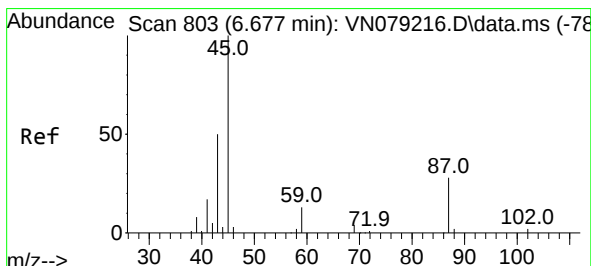
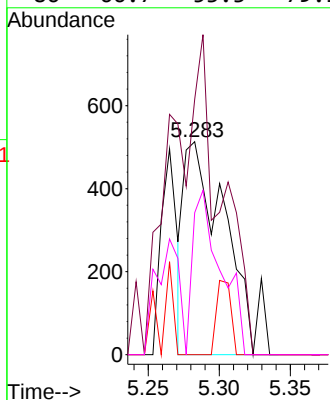
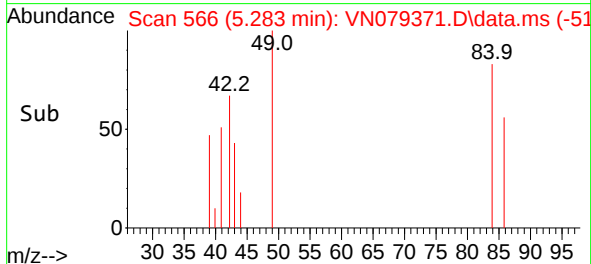


#20
Methylene Chloride
Concen: 0.479 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

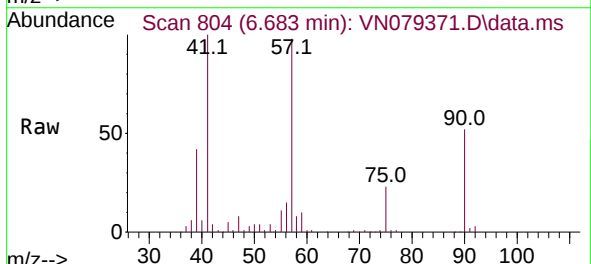
Instrument :
MSVOA_N
ClientSampleId :



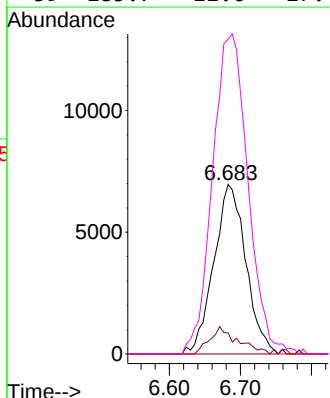
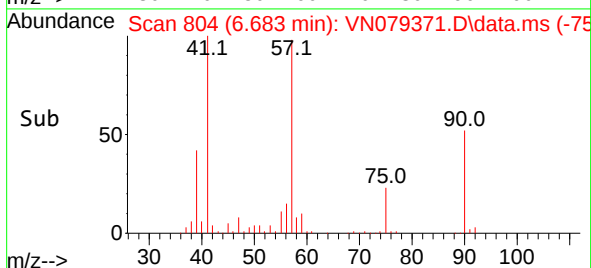
Tgt Ion:	84	Resp:	1063
Ion	Ratio	Lower	Upper
84	100		
49	119.9	79.7	119.5#
51	0.0	25.2	37.8#
86	66.7	53.3	79.9

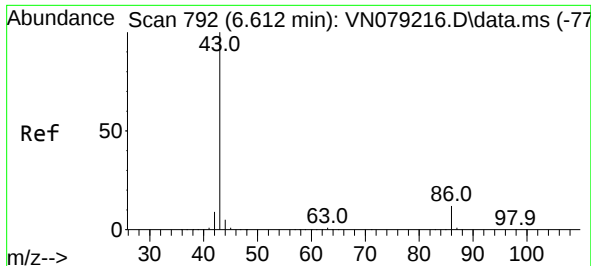


#22
Diisopropyl ether
Concen: 3.668 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03



Tgt Ion:	45	Resp:	21783
Ion	Ratio	Lower	Upper
45	100		
43	12.4	45.5	68.3#
87	0.0	31.8	47.8#
59	185.7	11.6	17.4#

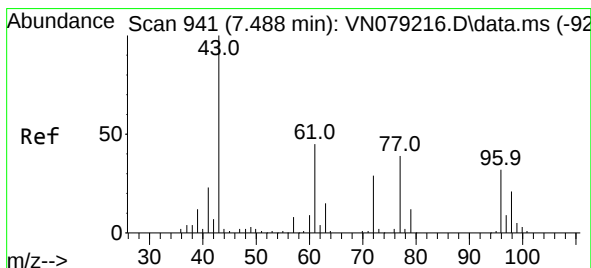
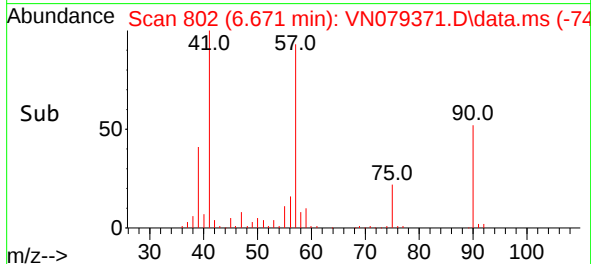
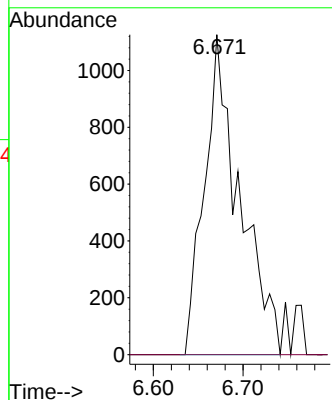
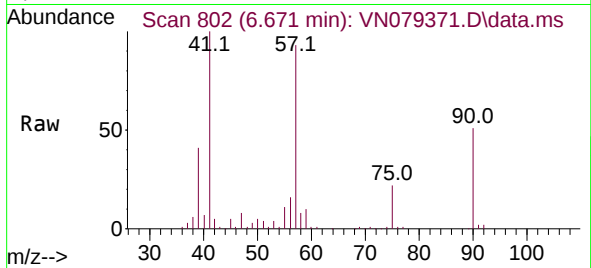




#23
 Vinyl Acetate
 Concen: 0.839 ug/l
 RT: 6.671 min Scan# 802
 Delta R.T. 0.059 min
 Lab File: VN079371.D
 Acq: 28 Sep 2023 14:03

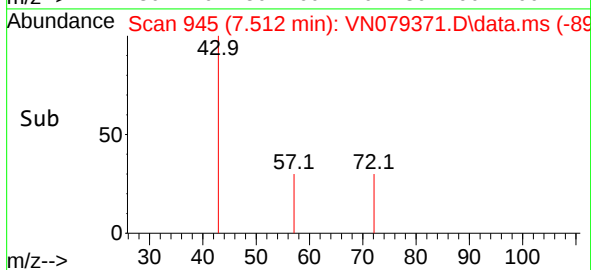
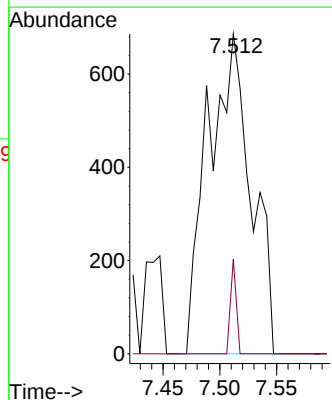
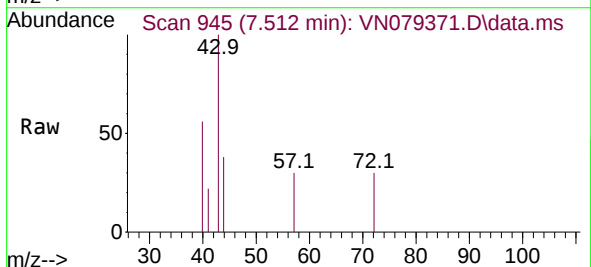
Instrument :
 MSVOA_N
 ClientSampleId :

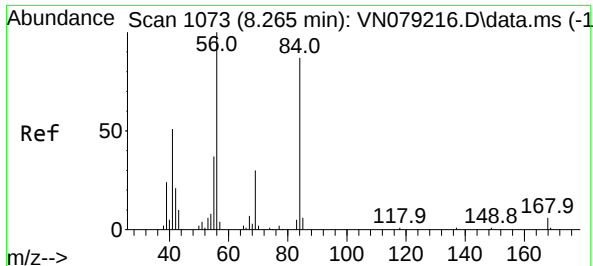
Tgt Ion: 43 Resp: 3064
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.0 19.6#



#25
 2-Butanone
 Concen: 1.370 ug/l
 RT: 7.512 min Scan# 945
 Delta R.T. 0.018 min
 Lab File: VN079371.D
 Acq: 28 Sep 2023 14:03

Tgt Ion: 43 Resp: 1813
 Ion Ratio Lower Upper
 43 100
 72 29.6 30.2 45.2#





#31

Cyclohexane

Concen: 2.604 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.036 min

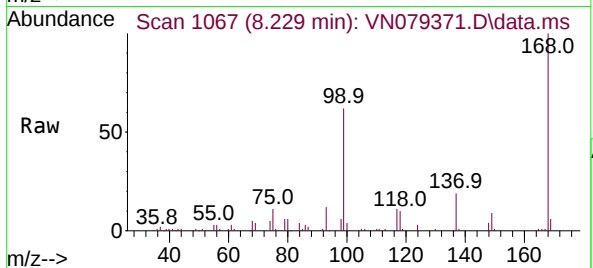
Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

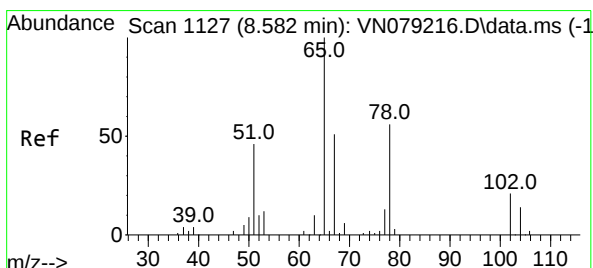
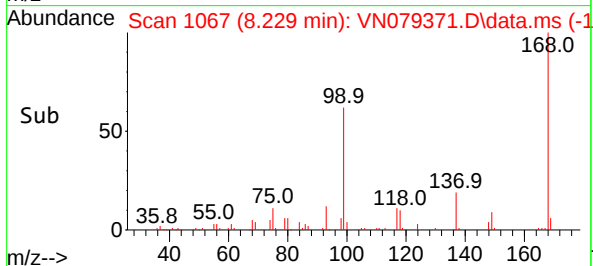
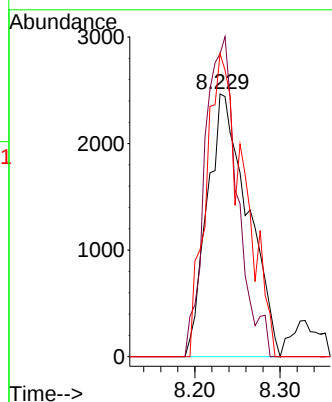
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 56	Resp: 8164
Ion Ratio	Lower Upper
56	100
69	115.3 26.8 40.2#
84	115.3 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 49.283 ug/l

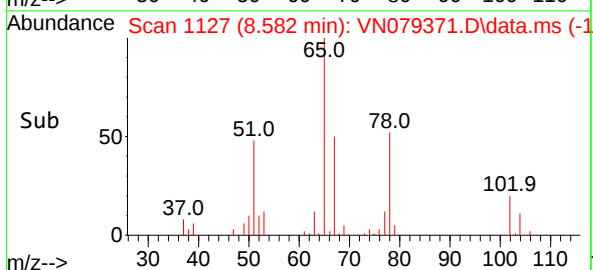
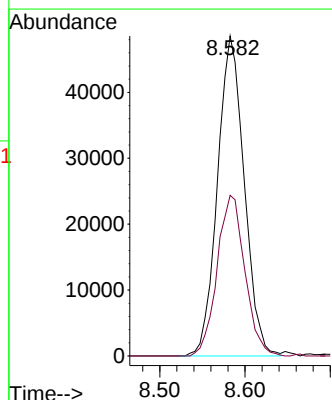
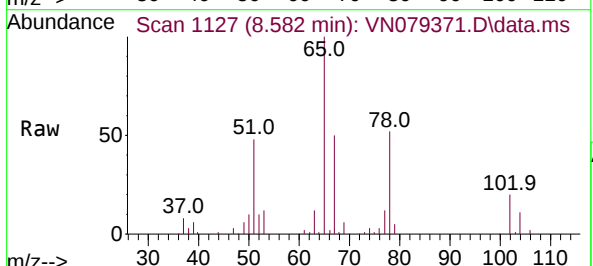
RT: 8.582 min Scan# 1127

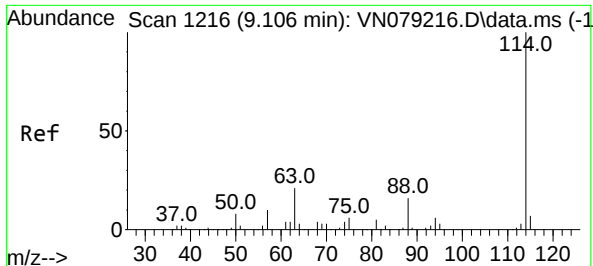
Delta R.T. -0.001 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Tgt Ion: 65	Resp: 105829
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# 1

Delta R.T. -0.006 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

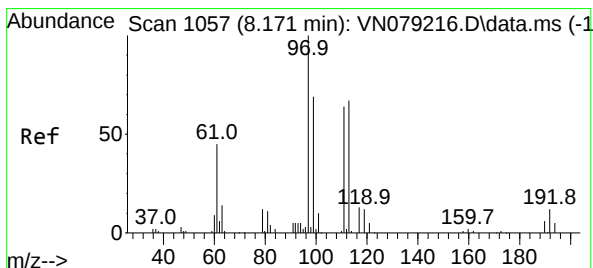
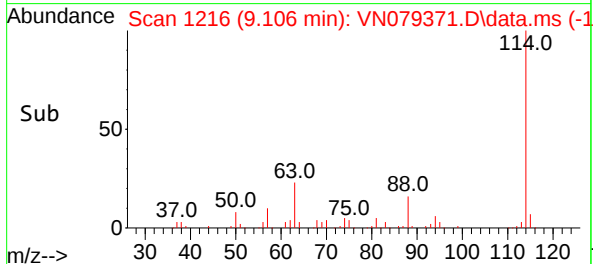
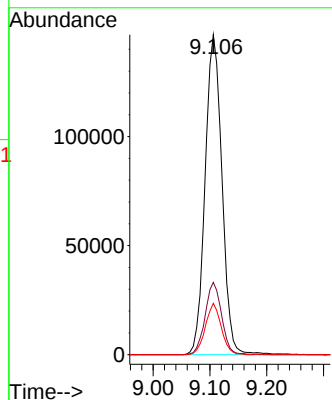
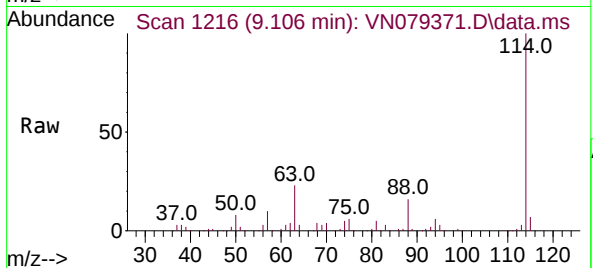
Tgt Ion:114 Resp: 302029

Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 41.203 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

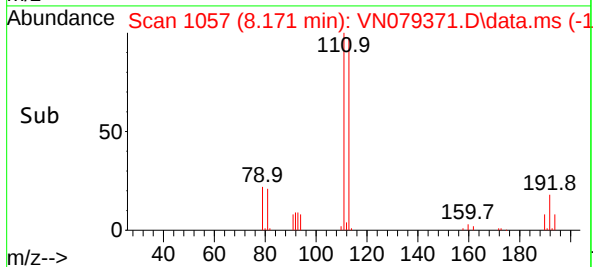
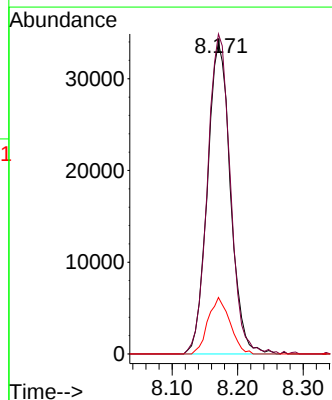
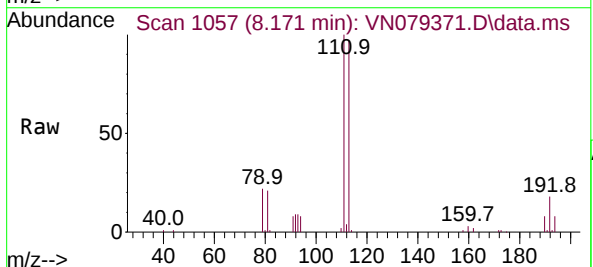
Tgt Ion:113 Resp: 82778

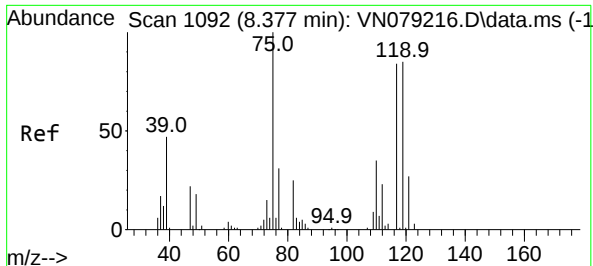
Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 17.2 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.148 min

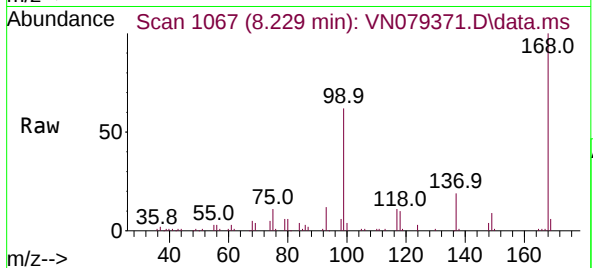
Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

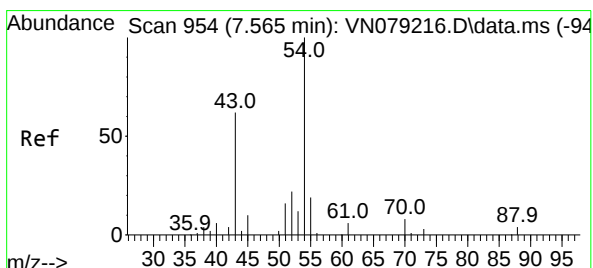
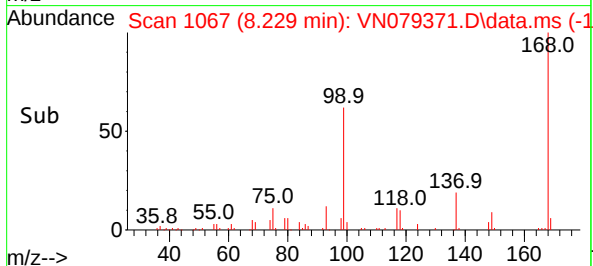
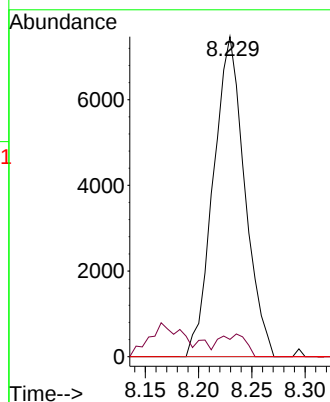
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	15294
Ion Ratio	Lower	Upper	
75	100		
110	5.9	19.1	57.3#
77	0.0	25.0	37.4#



#37

Ethyl Acetate

Concen: 0.587 ug/l

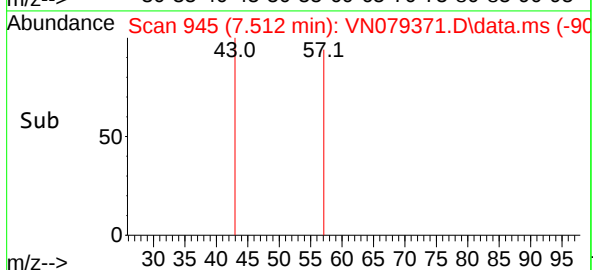
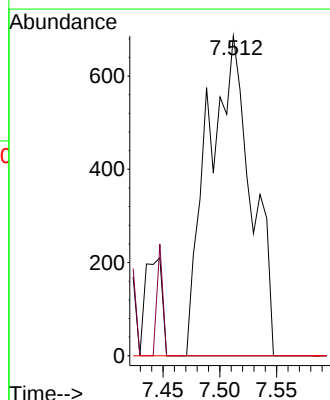
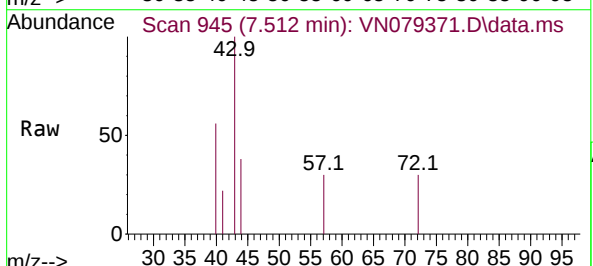
RT: 7.512 min Scan# 945

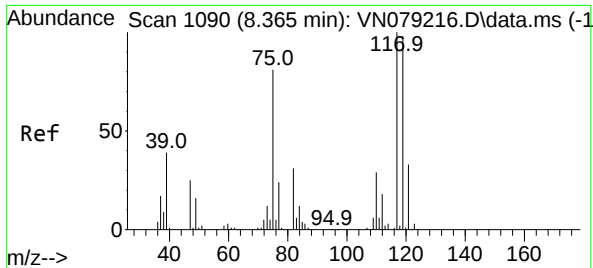
Delta R.T. -0.059 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

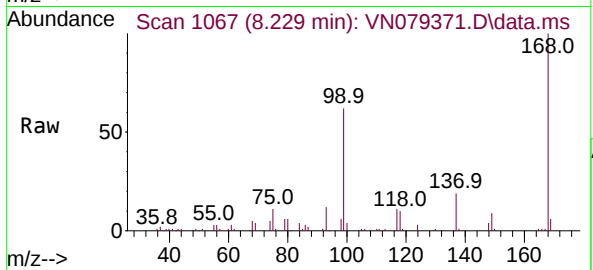
Tgt Ion:	43	Resp:	1813
Ion Ratio	Lower	Upper	
43	100		
61	0.0	13.2	19.8#
70	0.0	11.3	16.9#



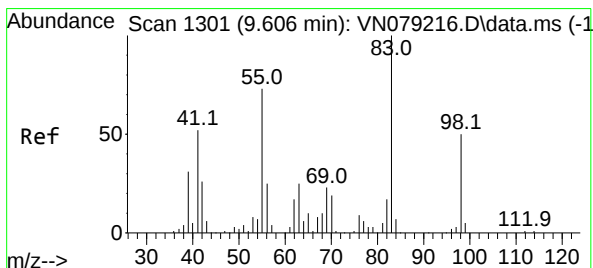
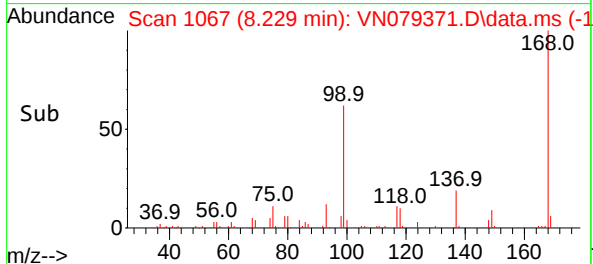
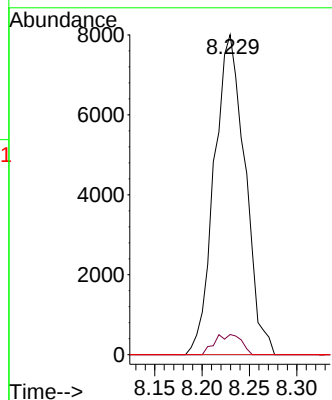


#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :

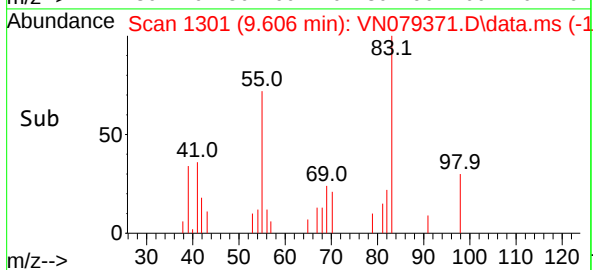
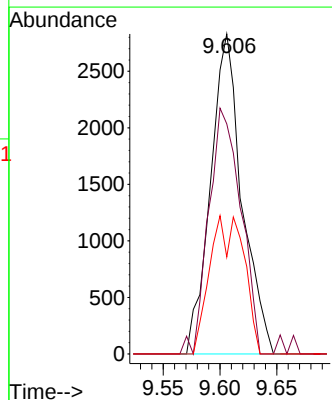
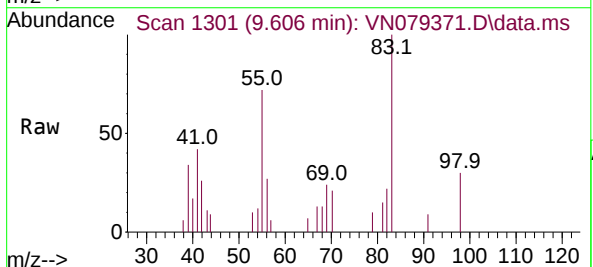


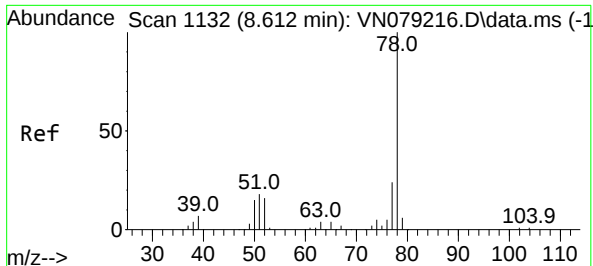
Tgt Ion:117 Resp: 18096
Ion Ratio Lower Upper
117 100
119 6.3 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 1.787 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 83 Resp: 5459
Ion Ratio Lower Upper
83 100
55 71.9 49.1 73.7
98 30.3 40.6 61.0#





#40

Benzene

Concen: 38.538 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

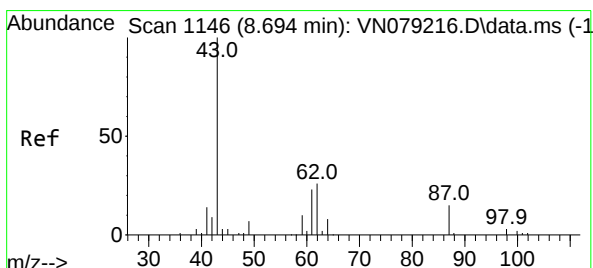
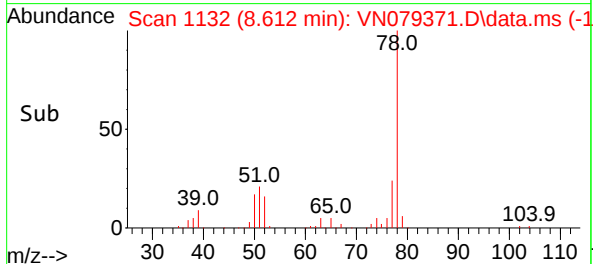
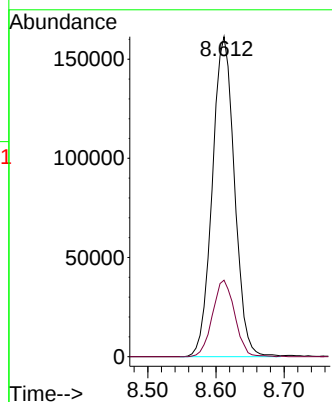
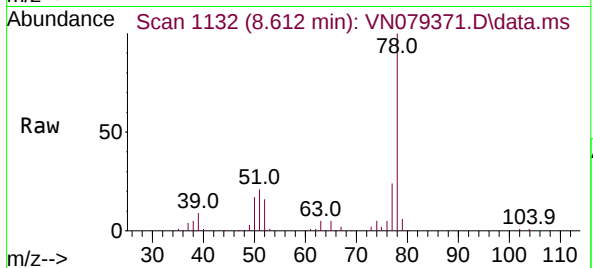
ClientSampleId :

Tgt Ion: 78 Resp: 365331

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6



#43

Isopropyl Acetate

Concen: 1.136 ug/l

RT: 8.718 min Scan# 1150

Delta R.T. 0.024 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

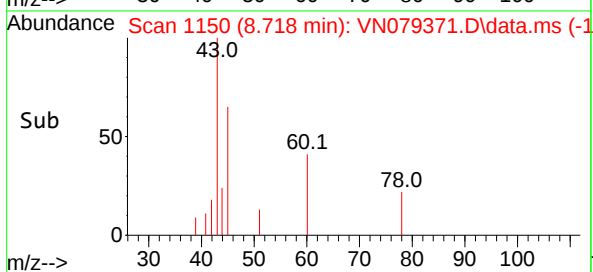
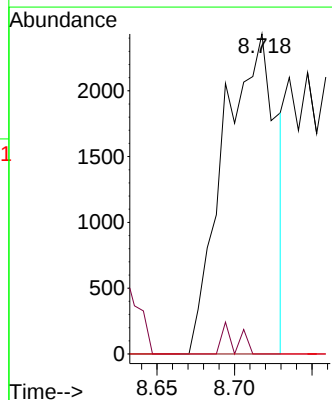
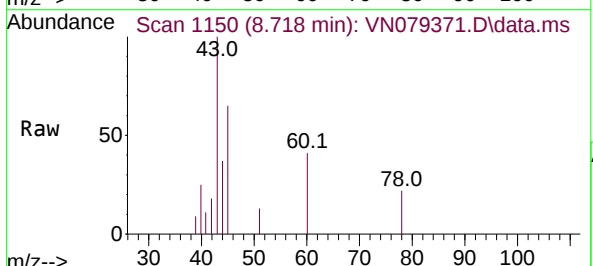
Tgt Ion: 43 Resp: 5726

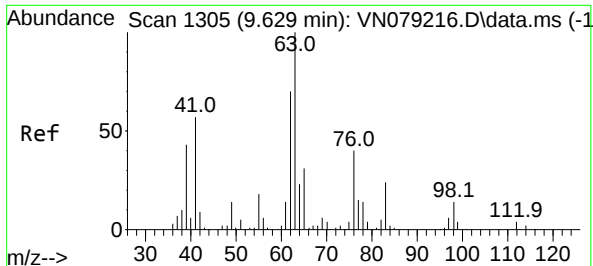
Ion Ratio Lower Upper

43 100

61 0.0 24.7 37.1#

87 0.0 14.6 21.8#





#45

1,2-Dichloropropane

Concen: 0.358 ug/l

RT: 9.365 min Scan# 11

Delta R.T. -0.259 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

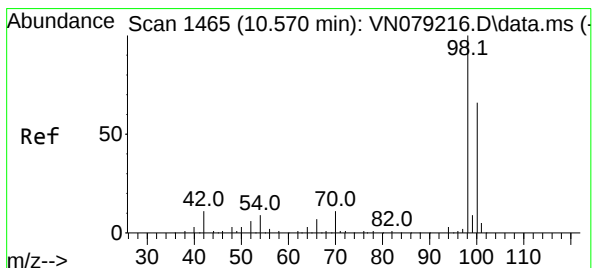
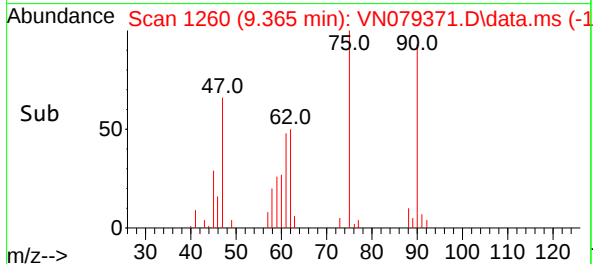
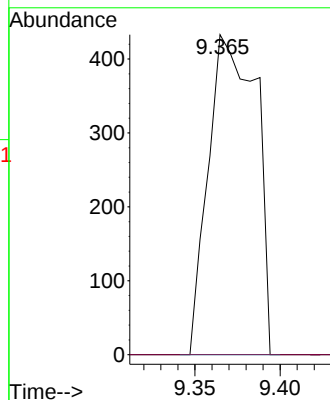
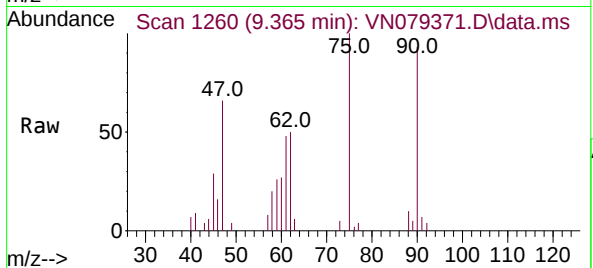
ClientSampleId :

Tgt Ion: 63 Resp: 842

Ion Ratio Lower Upper

63 100

65 0.0 23.9 35.9#



#50

Toluene-d8

Concen: 37.071 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079371.D

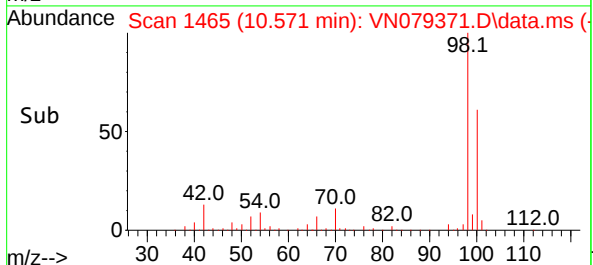
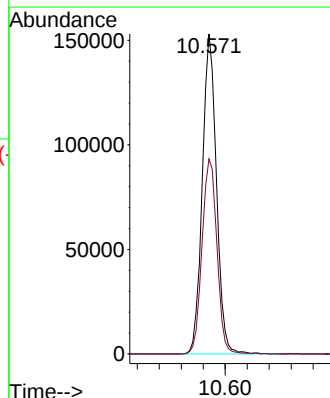
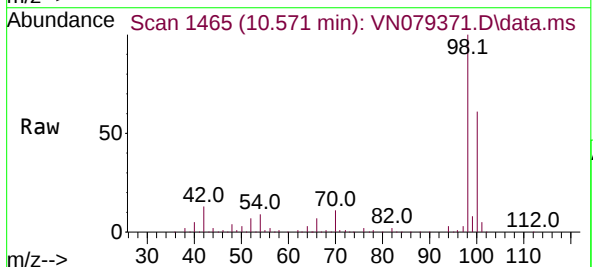
Acq: 28 Sep 2023 14:03

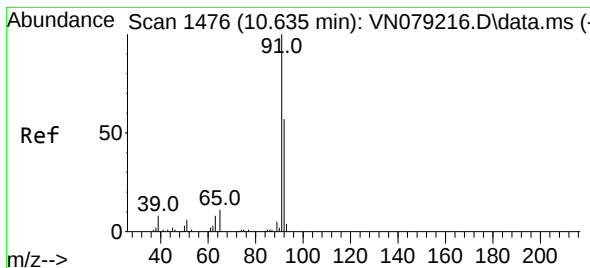
Tgt Ion: 98 Resp: 273469

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#52

Toluene

Concen: 56.729 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

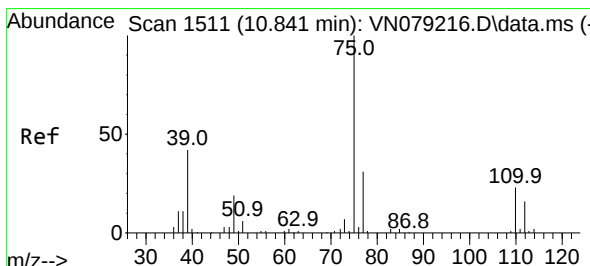
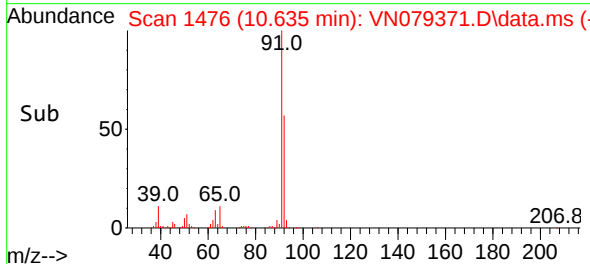
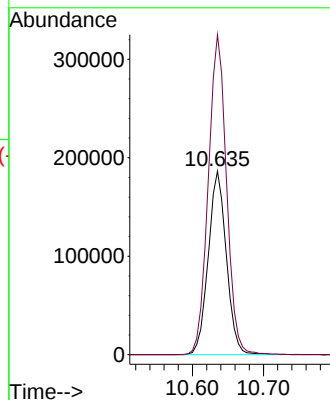
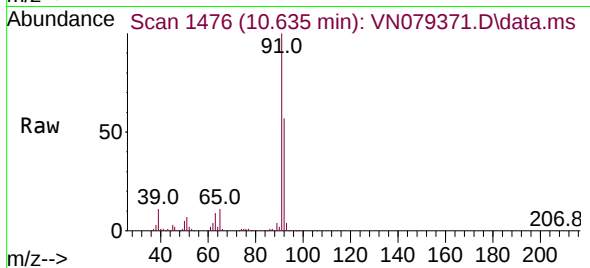
ClientSampleId :

Tgt Ion: 92 Resp: 330492

Ion Ratio Lower Upper

92 100

91 175.6 137.4 206.0



#53

t-1,3-Dichloropropene

Concen: 0.549 ug/l

RT: 10.741 min Scan# 1494

Delta R.T. -0.100 min

Lab File: VN079371.D

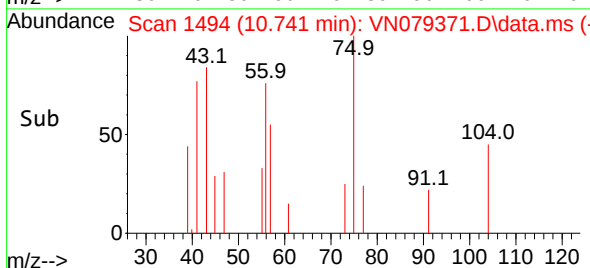
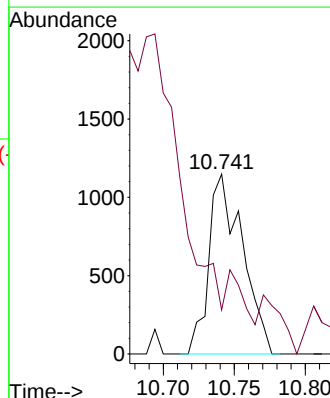
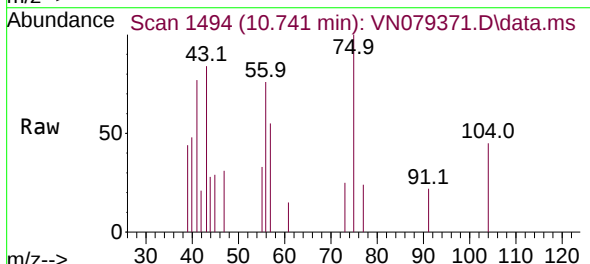
Acq: 28 Sep 2023 14:03

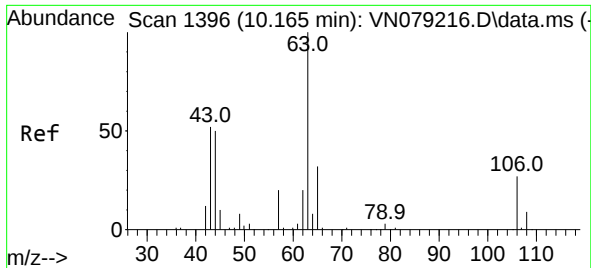
Tgt Ion: 75 Resp: 1893

Ion Ratio Lower Upper

75 100

77 2.0 25.4 38.0#

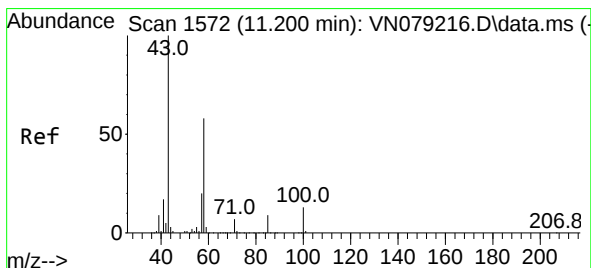
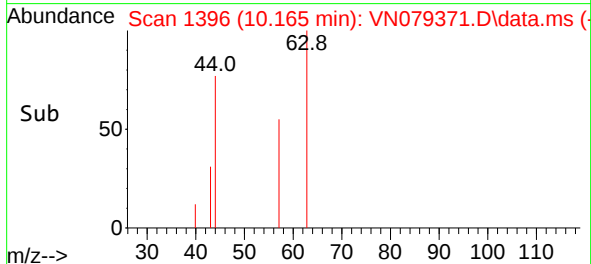
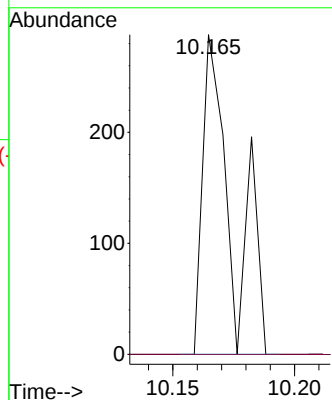
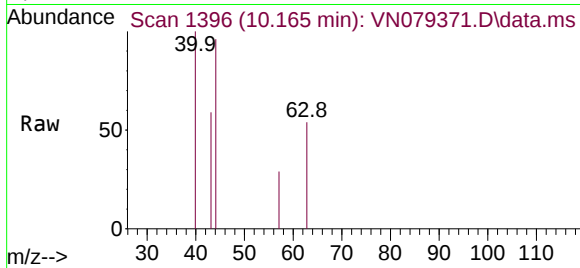




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 10.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

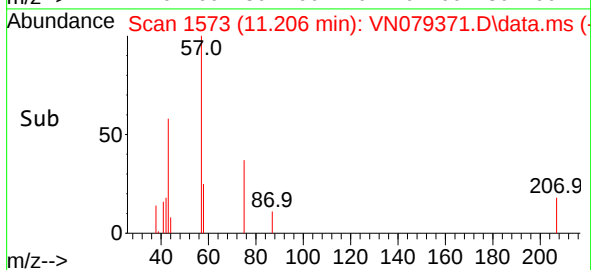
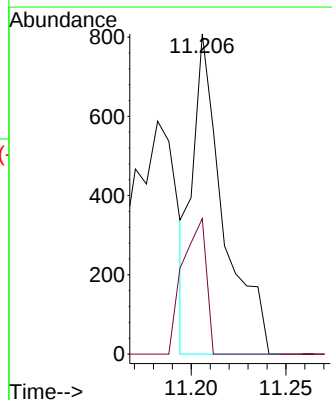
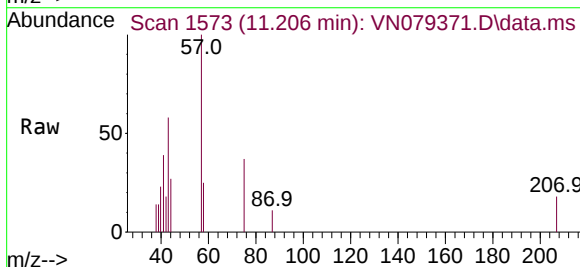
Instrument :
MSVOA_N
ClientSampleId :

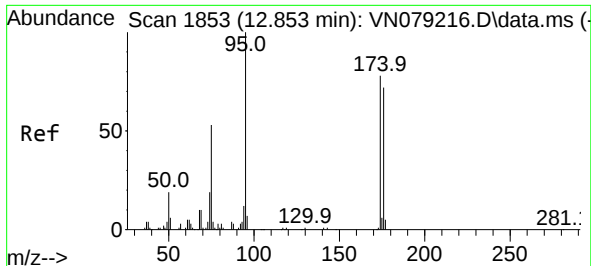
Tgt Ion: 63 Resp: 241
Ion Ratio Lower Upper
63 100
106 0.0 26.2 39.4#



#59
2-Hexanone
Concen: 0.431 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 43 Resp: 913
Ion Ratio Lower Upper
43 100
58 32.4 31.7 95.1

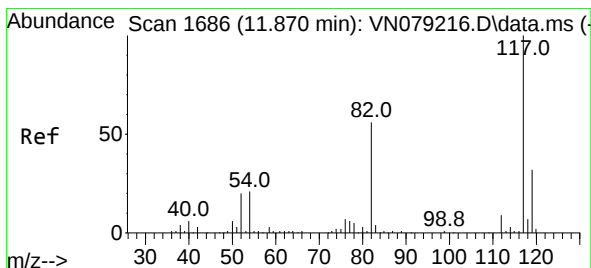
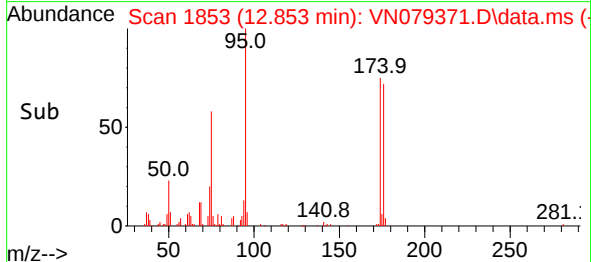
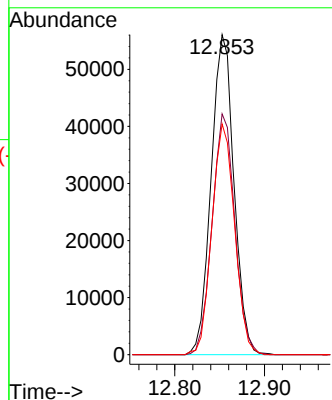
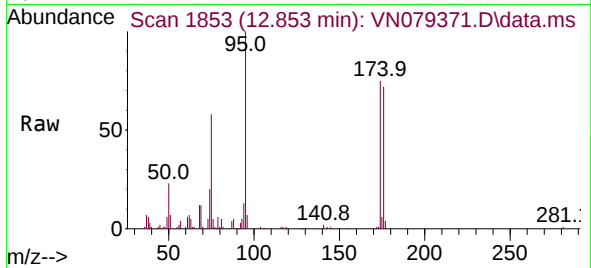




#62
4-Bromofluorobenzene
Concen: 42.073 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

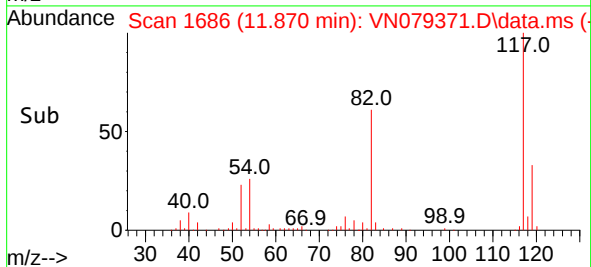
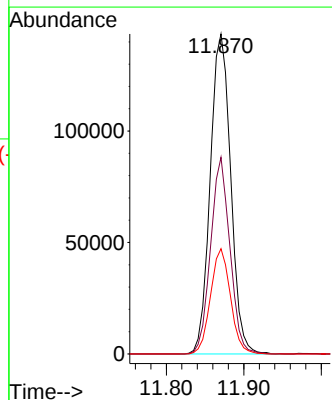
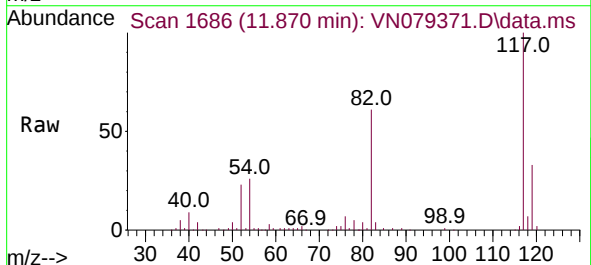
Instrument :
MSVOA_N
ClientSampleId :

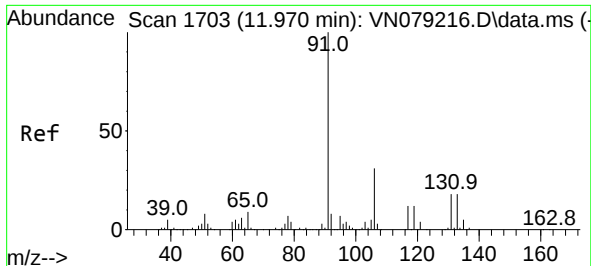
Tgt Ion: 95 Resp: 99000
Ion Ratio Lower Upper
95 100
174 74.8 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 117 Resp: 263999
Ion Ratio Lower Upper
117 100
82 61.5 44.0 66.0
119 32.9 25.6 38.4





#67

Ethyl Benzene

Concen: 6.582 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

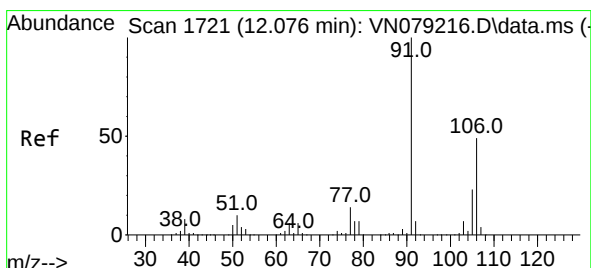
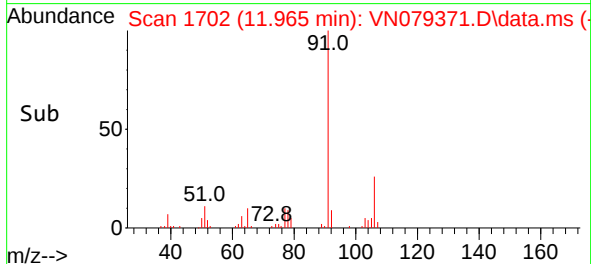
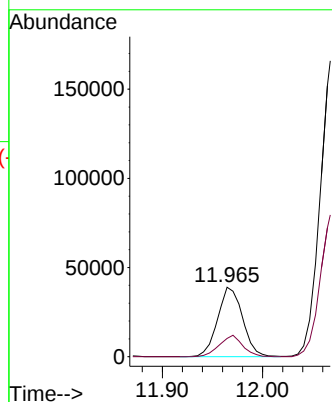
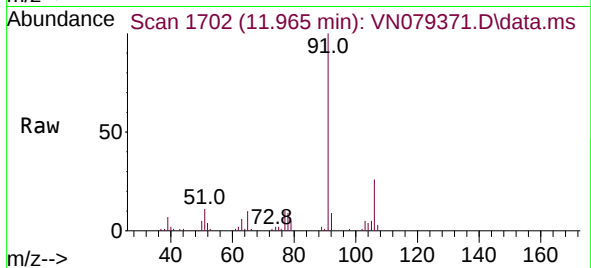
ClientSampleId :

Tgt Ion: 91 Resp: 67334

Ion Ratio Lower Upper

91 100

106 26.3 25.6 38.4



#68

m/p-Xylenes

Concen: 42.245 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.006 min

Lab File: VN079371.D

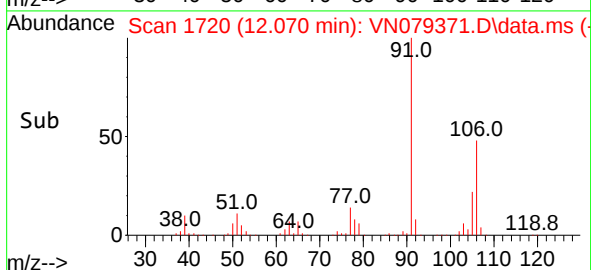
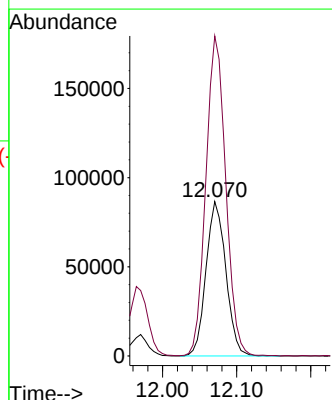
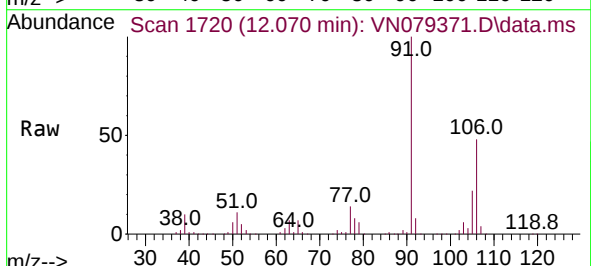
Acq: 28 Sep 2023 14:03

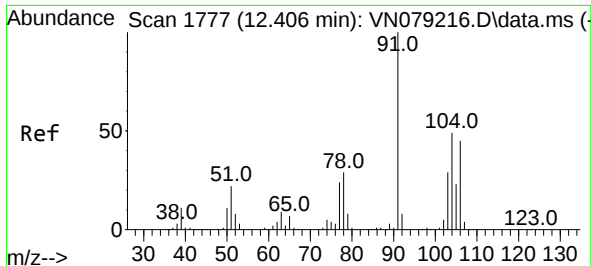
Tgt Ion: 106 Resp: 161077

Ion Ratio Lower Upper

106 100

91 207.8 159.6 239.4

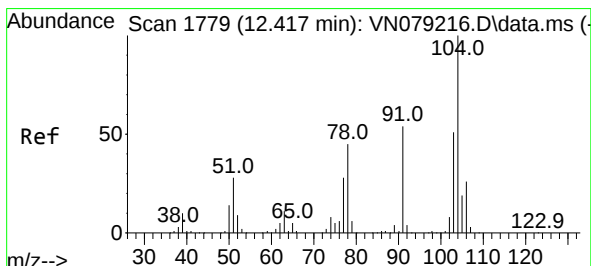
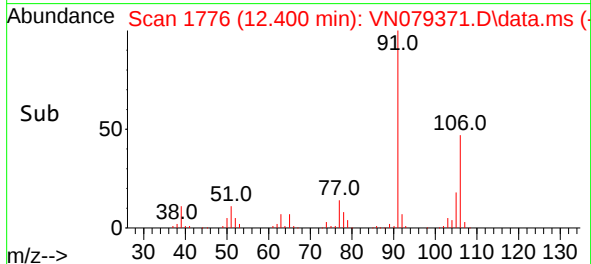
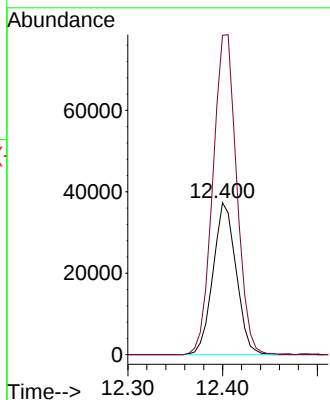
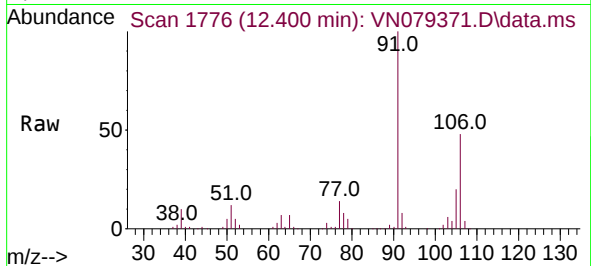




#69
o-Xylene
Concen: 17.341 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

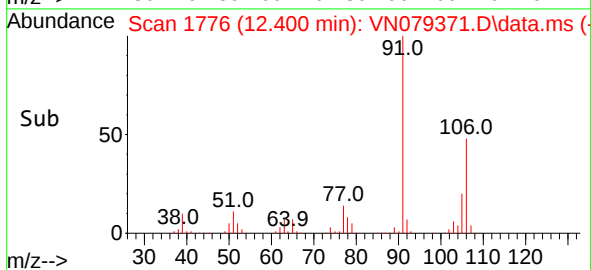
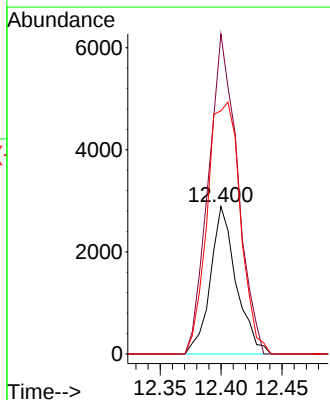
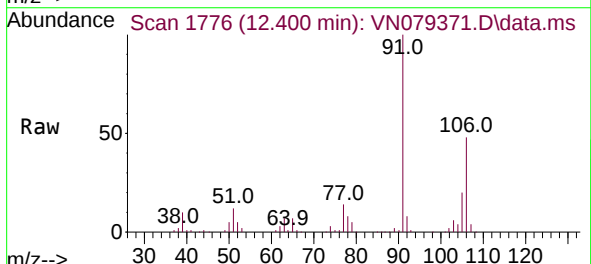
Instrument :
MSVOA_N
ClientSampleId :

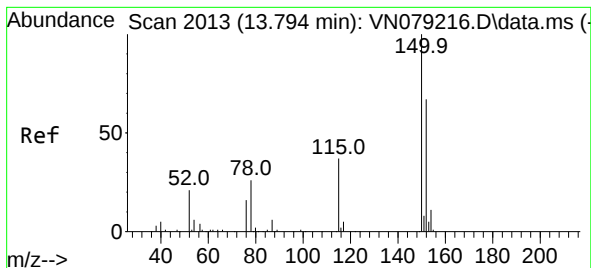
Tgt Ion:106 Resp: 63414
Ion Ratio Lower Upper
106 100
91 217.5 105.2 315.5



#70
Styrene
Concen: 0.726 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.018 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion:104 Resp: 4271
Ion Ratio Lower Upper
104 100
78 243.9 39.5 59.3#
103 218.8 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

ClientSampleId :

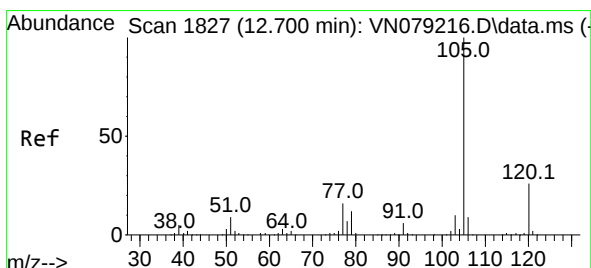
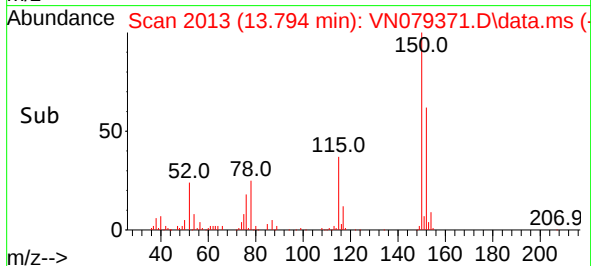
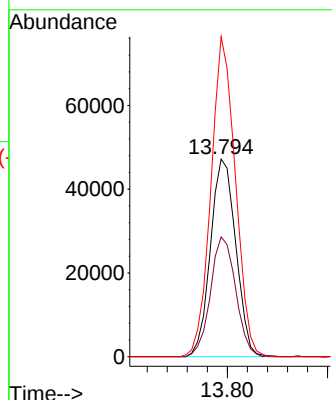
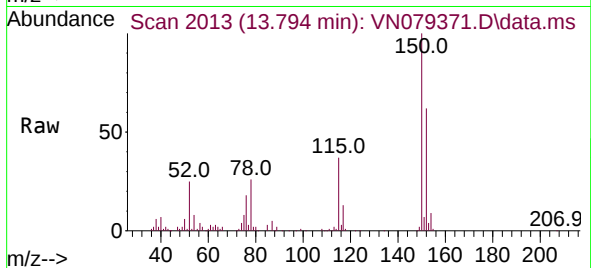
Tgt Ion:152 Resp: 82814

Ion Ratio Lower Upper

152 100

115 60.3 32.3 96.8

150 156.0 0.0 355.8



#73

Isopropylbenzene

Concen: 2.100 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN079371.D

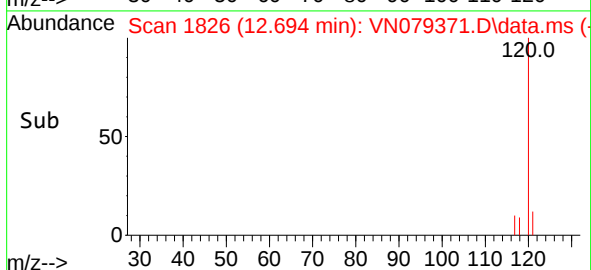
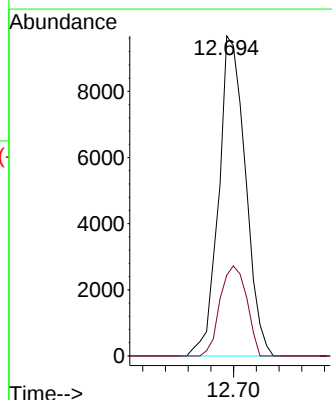
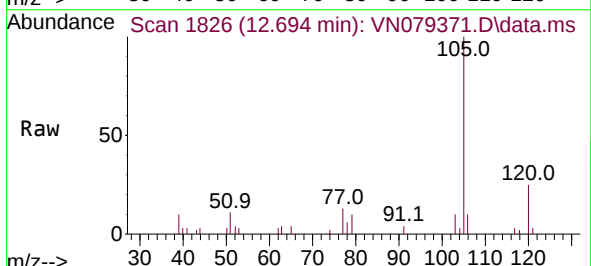
Acq: 28 Sep 2023 14:03

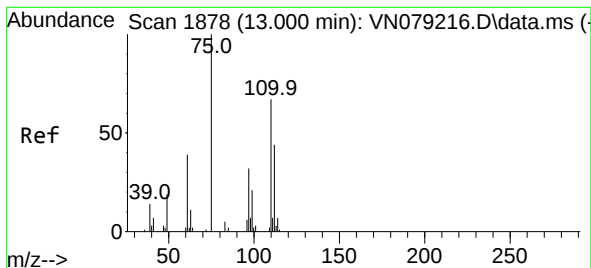
Tgt Ion:105 Resp: 15823

Ion Ratio Lower Upper

105 100

120 27.9 13.1 39.1





#76

1,2,3-Trichloropropane

Concen: 25.049 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

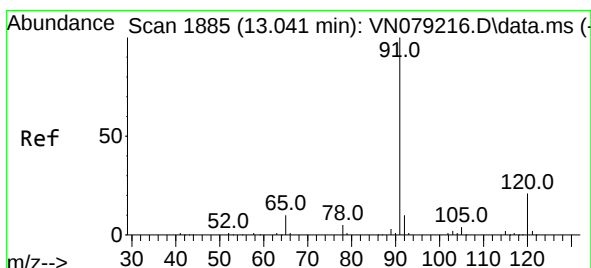
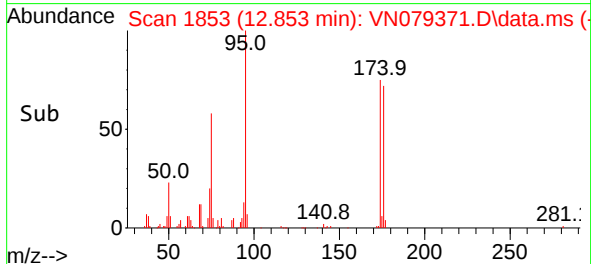
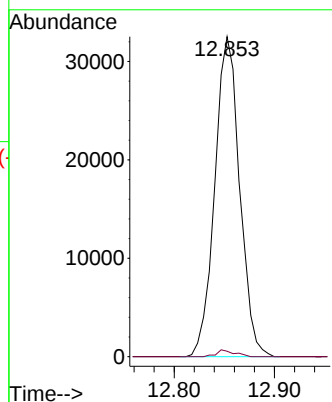
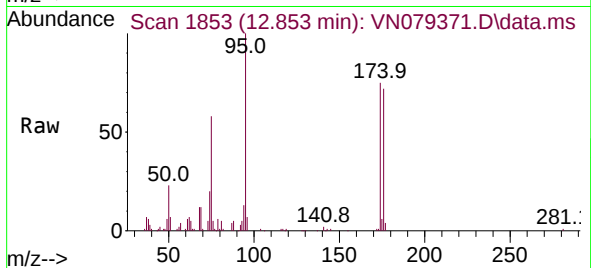
ClientSampleId :

Tgt Ion: 75 Resp: 55908

Ion Ratio Lower Upper

75 100

77 1.5 84.5 253.5#



#78

n-propylbenzene

Concen: 1.564 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN079371.D

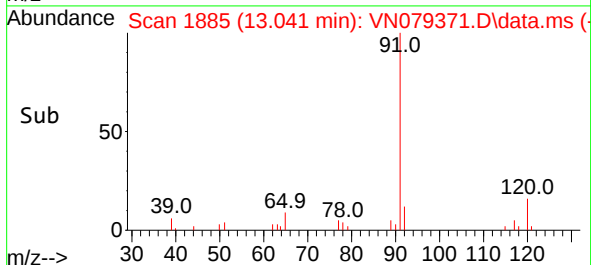
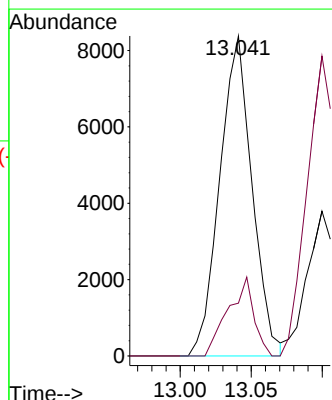
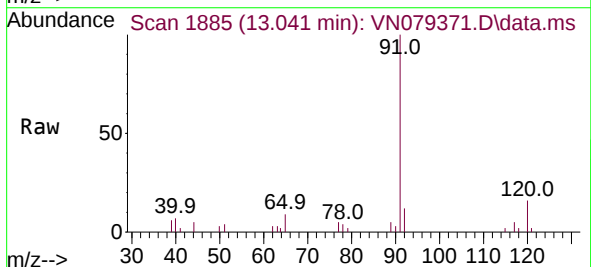
Acq: 28 Sep 2023 14:03

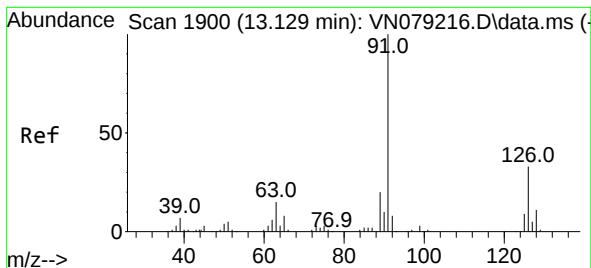
Tgt Ion: 91 Resp: 13241

Ion Ratio Lower Upper

91 100

120 19.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.494 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.029 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

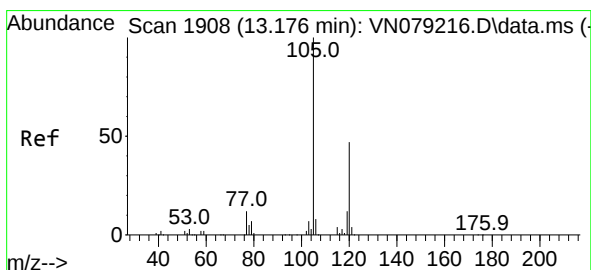
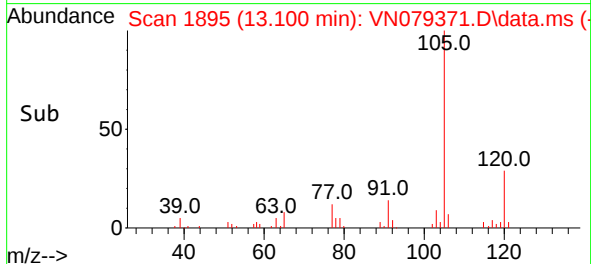
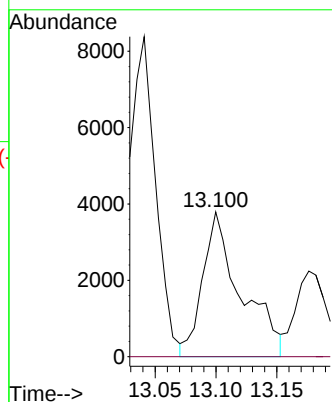
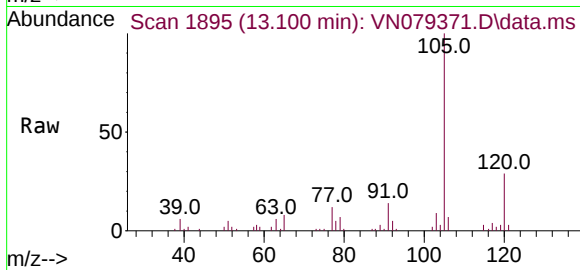
ClientSampleId :

Tgt Ion: 91 Resp: 8273

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 4.692 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079371.D

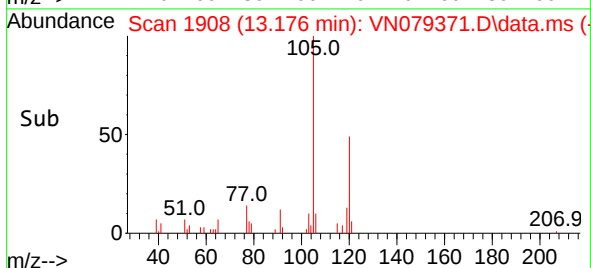
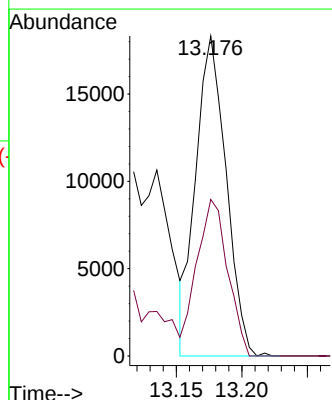
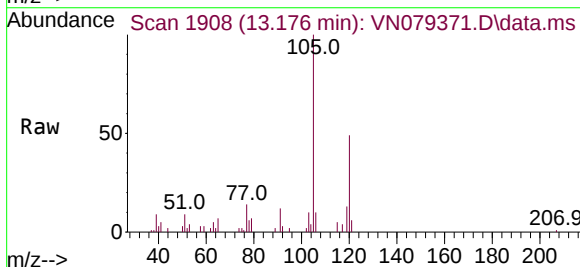
Acq: 28 Sep 2023 14:03

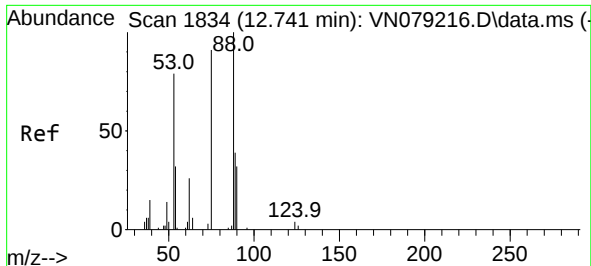
Tgt Ion: 105 Resp: 29459

Ion Ratio Lower Upper

105 100

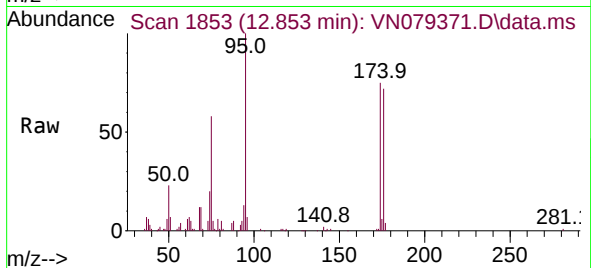
120 49.9 24.1 72.3



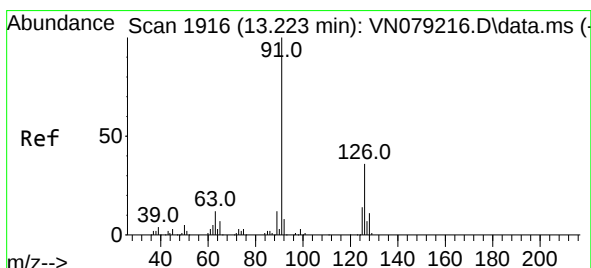
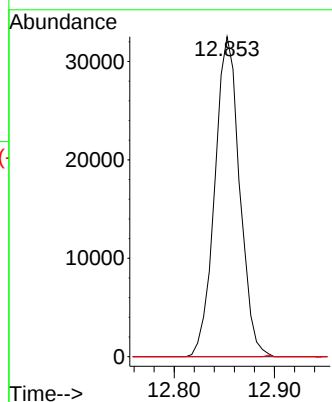
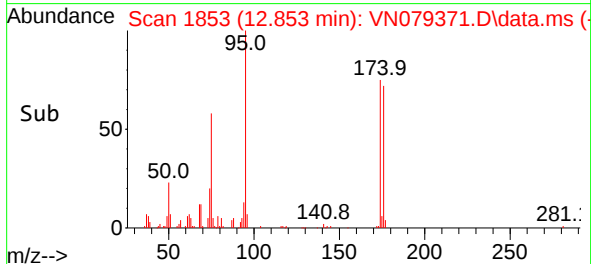


#81
trans-1,4-Dichloro-2-butene
Concen: 68.865 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Instrument :
MSVOA_N
ClientSampleId :

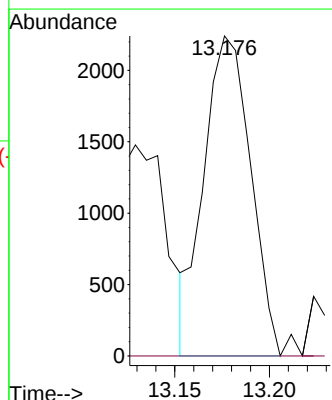
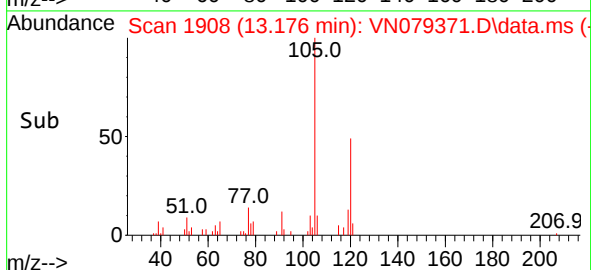
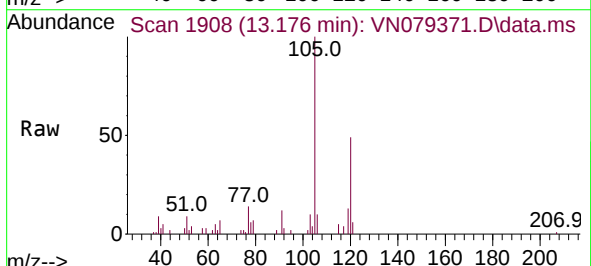


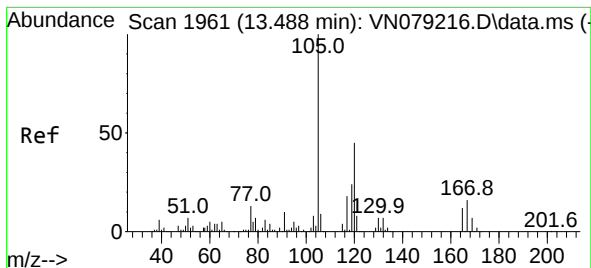
Tgt Ion: 75 Resp: 55908
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.738 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.053 min
Lab File: VN079371.D
Acq: 28 Sep 2023 14:03

Tgt Ion: 91 Resp: 3839
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.0#





#84

1,2,4-Trimethylbenzene

Concen: 4.347 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. -0.000 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Instrument :

MSVOA_N

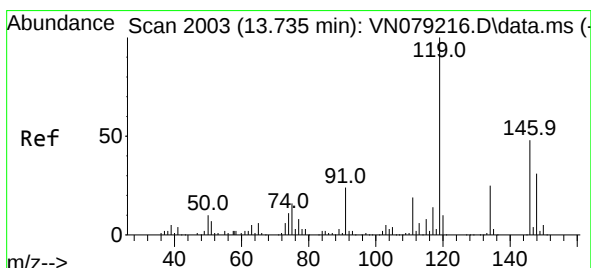
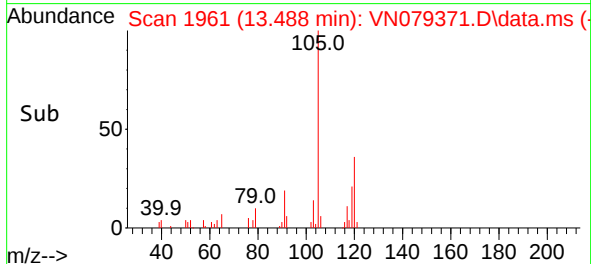
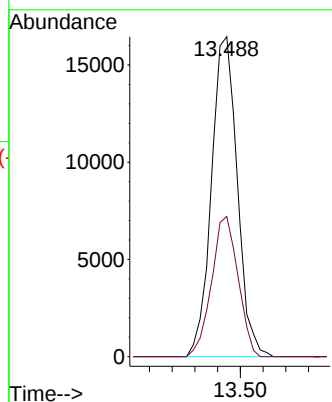
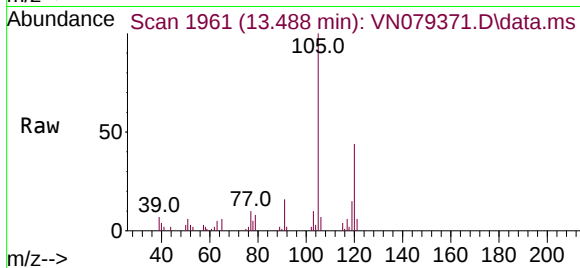
ClientSampleId :

Tgt Ion:105 Resp: 25993

Ion Ratio Lower Upper

105 100

120 44.9 22.0 66.0



#86

p-Isopropyltoluene

Concen: 0.236 ug/l

RT: 13.676 min Scan# 1993

Delta R.T. -0.059 min

Lab File: VN079371.D

Acq: 28 Sep 2023 14:03

Tgt Ion:119 Resp: 1348

Ion Ratio Lower Upper

119 100

134 32.4 12.6 37.8

91 23.3 12.4 37.2

