

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041348.D
 Acq On : 02 May 2024 13:04
 Operator : JC/MD
 Sample : P2264-20RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 03 01:36:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

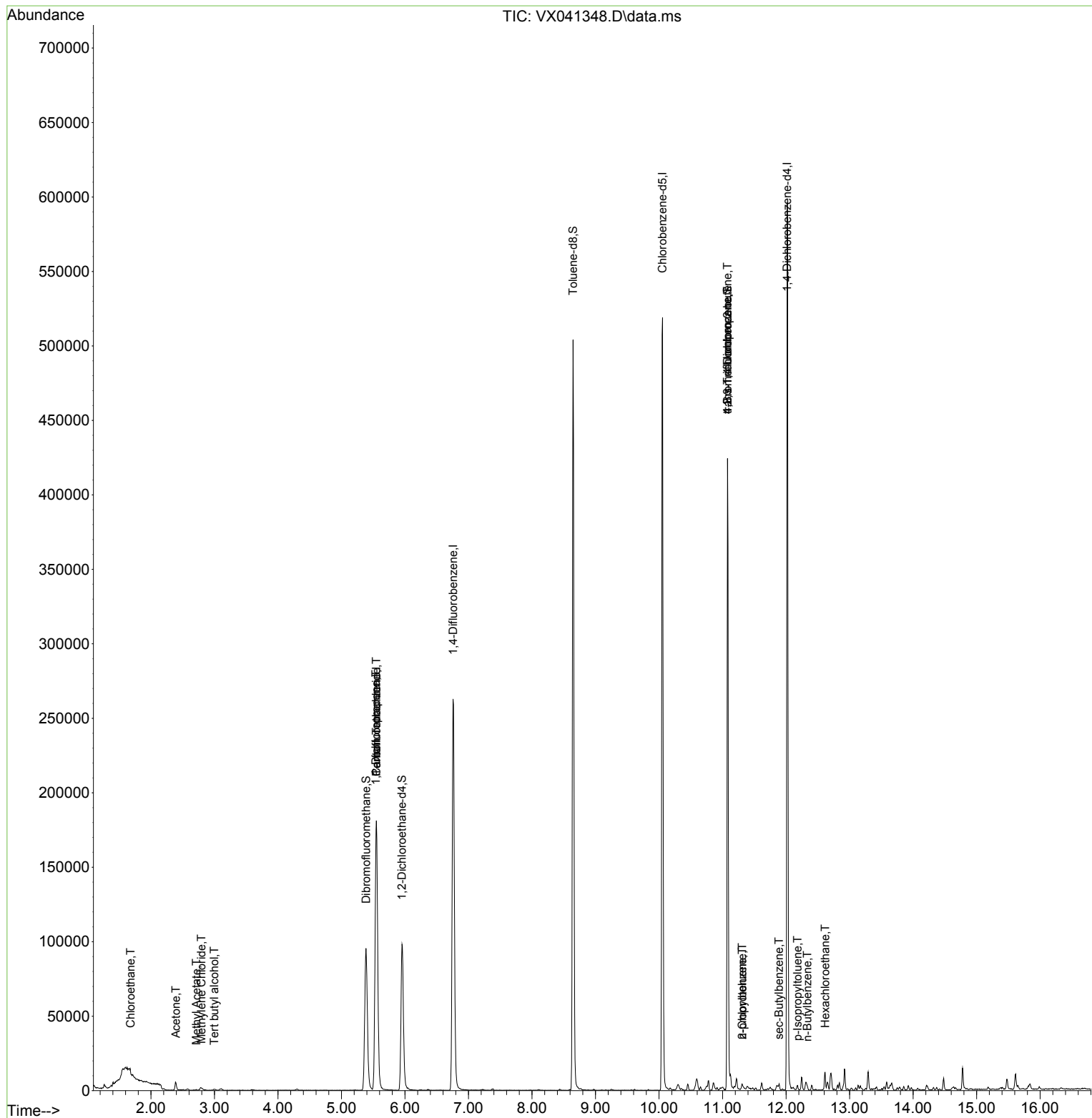
Internal Standards						
1) Pentafluorobenzene	5.550	168	198006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	286587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	133556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98071	45.497	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.000%
35) Dibromofluoromethane	5.385	113	82181	42.315	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.640%
50) Toluene-d8	8.647	98	301255	49.009	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.079	95	105063	44.153	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.300%
Target Compounds						
						Qvalue
6) Chloroethane	1.679	64	4412	5.921	ug/l	# 48
11) Tert butyl alcohol	2.995	59	1152	2.670	ug/l	# 78
16) Acetone	2.392	43	6049	2.500	ug/l	98
18) Methyl Acetate	2.715	43	539	0.244	ug/l	# 75
20) Methylene Chloride	2.794	84	871	0.465	ug/l	# 79
36) 1,1-Dichloropropene	5.544	75	11895	5.122	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	17330	6.514	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	52420	24.084	ug/l	# 38
78) n-propylbenzene	11.311	91	3324	0.388	ug/l	93
79) 2-Chlorotoluene	11.311	91	3324	0.602	ug/l	# 42
81) trans-1,4-Dichloro-2-b...	11.079	75	52420	65.602	ug/l	# 5
85) sec-Butylbenzene	11.890	105	2080	0.255	ug/l	# 58
86) p-Isopropyltoluene	12.183	119	1631	0.223	ug/l	95
89) n-Butylbenzene	12.335	91	1191	0.202	ug/l	# 74
90) Hexachloroethane	12.616	117	580	0.473	ug/l	# 17

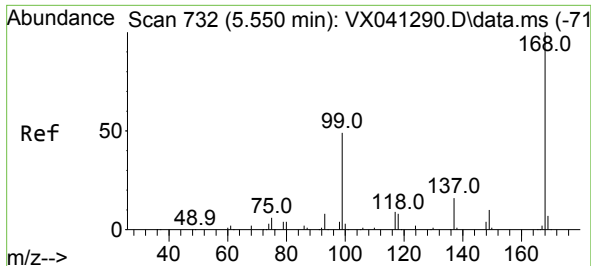
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
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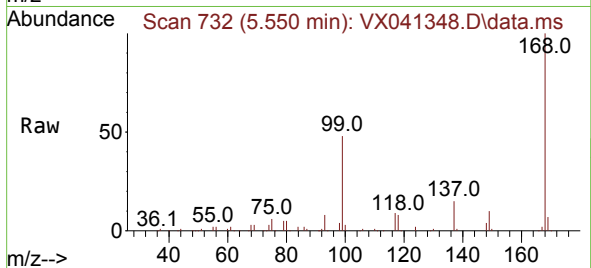
Quant Time: May 03 01:36:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



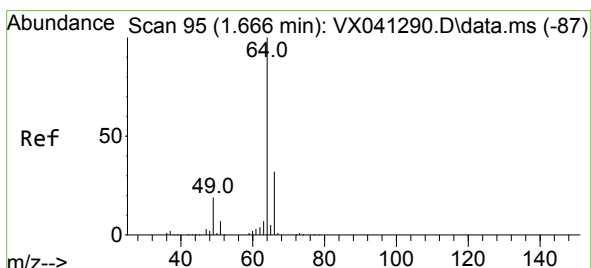
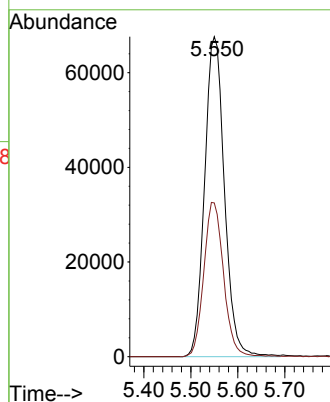
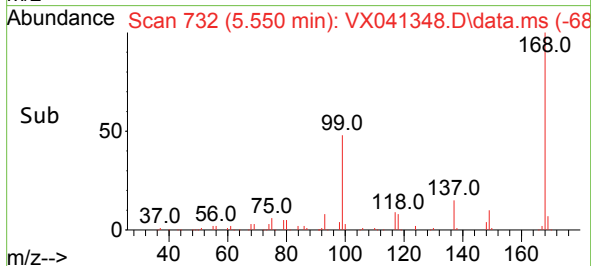


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

Instrument :
MSVOA_X
ClientSampleId :

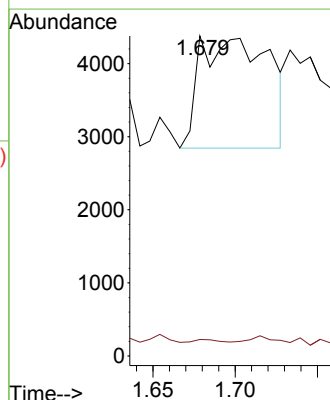
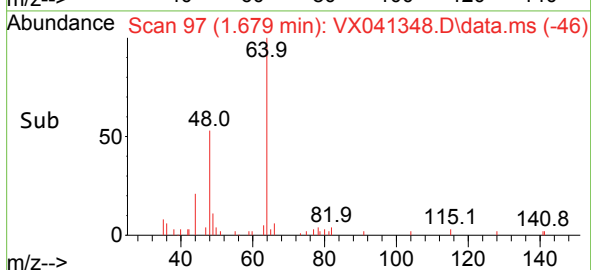
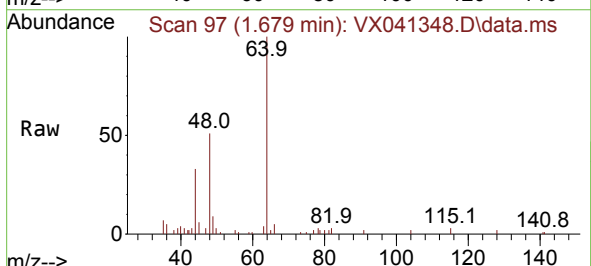


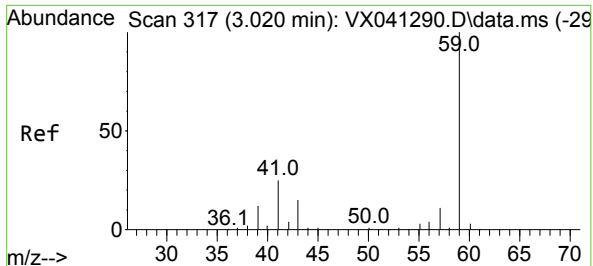
Tgt Ion:168 Resp: 198006
Ion Ratio Lower Upper
168 100
99 48.0 56.6 85.0#



#6
Chloroethane
Concen: 5.921 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

Tgt Ion: 64 Resp: 4412
Ion Ratio Lower Upper
64 100
66 2.5 25.1 37.7#





#11

Tert butyl alcohol

Concen: 2.670 ug/l

RT: 2.995 min Scan# 31

Delta R.T. -0.024 min

Lab File: VX041348.D

Acq: 02 May 2024 13:04

Instrument :

MSVOA_X

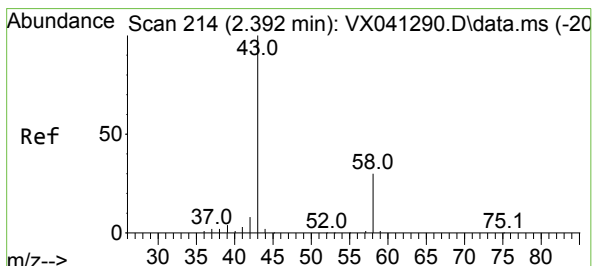
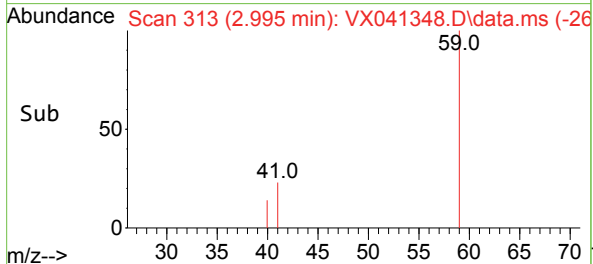
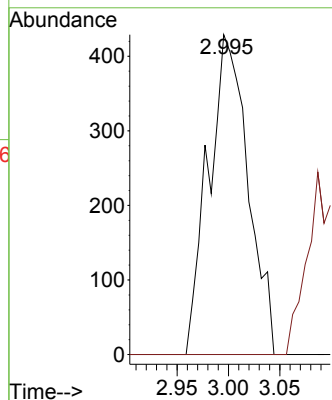
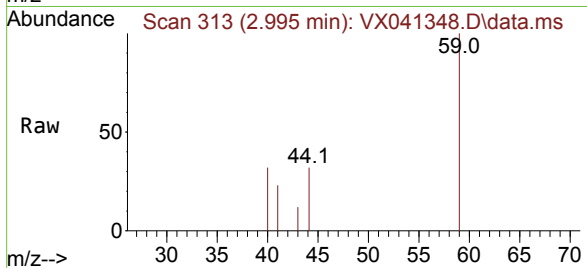
ClientSampleId :

Tgt Ion: 59 Resp: 1152

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 2.500 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX041348.D

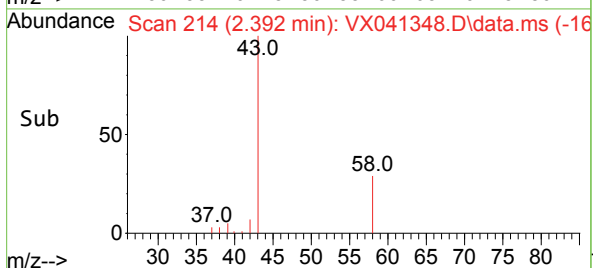
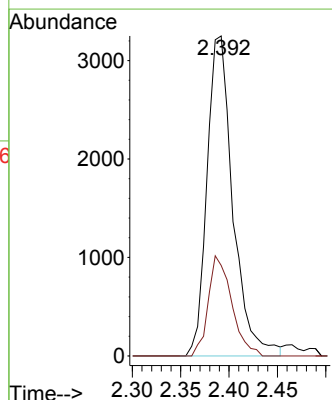
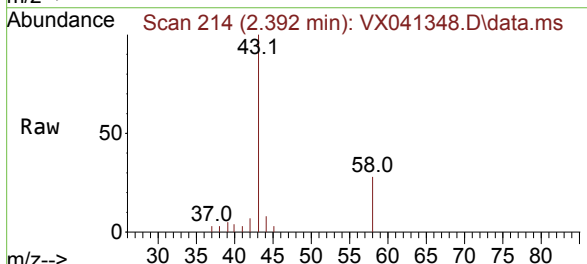
Acq: 02 May 2024 13:04

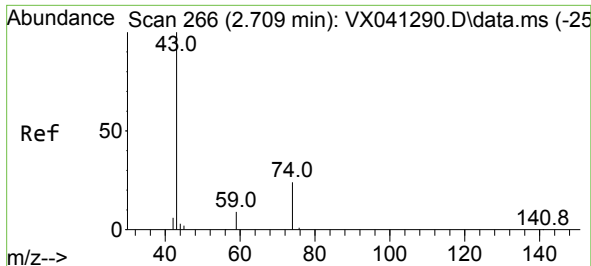
Tgt Ion: 43 Resp: 6049

Ion Ratio Lower Upper

43 100

58 28.3 21.9 32.9

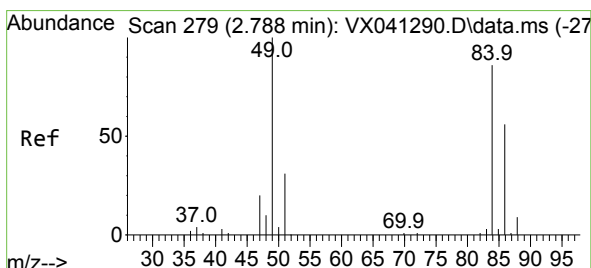
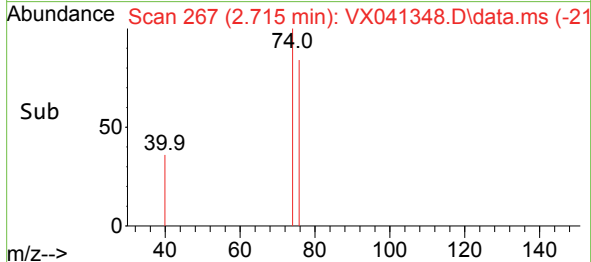
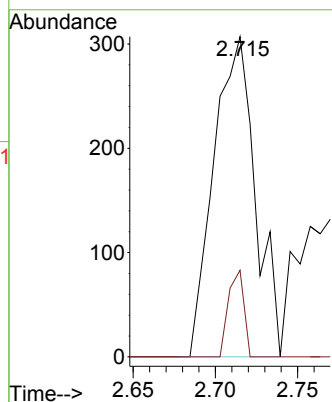
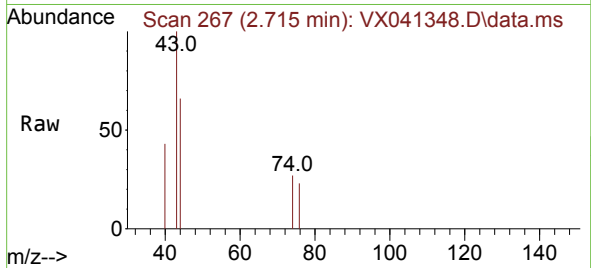




#18
Methyl Acetate
Concen: 0.244 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

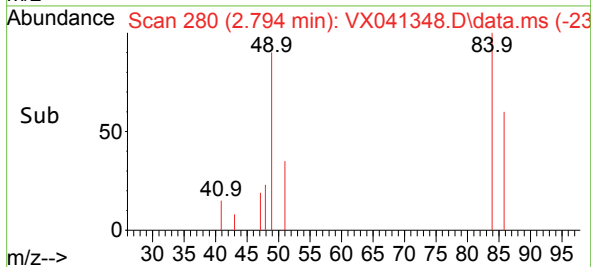
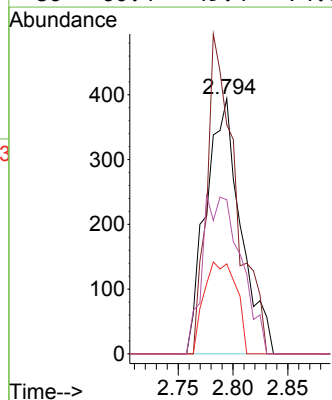
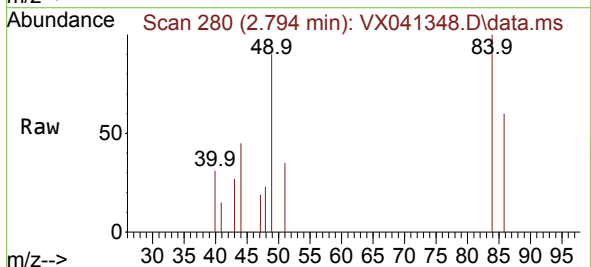
Instrument :
MSVOA_X
ClientSampleId :

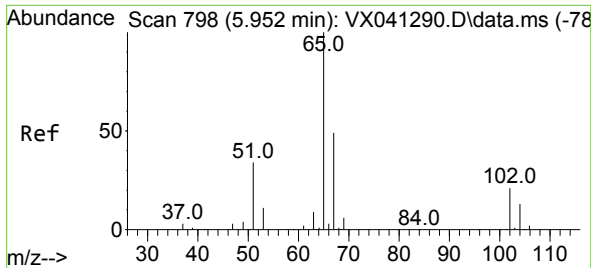
Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
74 10.2 17.8 26.8#



#20
Methylene Chloride
Concen: 0.465 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

Tgt Ion: 84 Resp: 871
Ion Ratio Lower Upper
84 100
49 89.8 103.6 155.4#
51 35.3 33.8 50.6
86 60.4 49.4 74.0

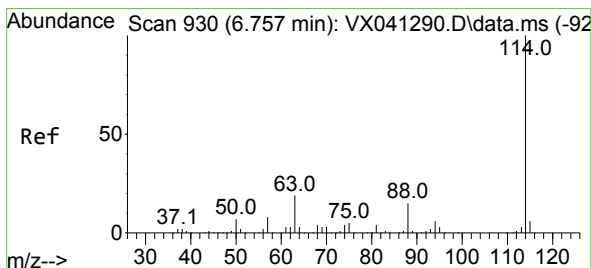
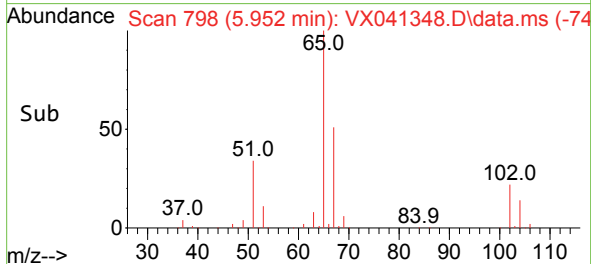
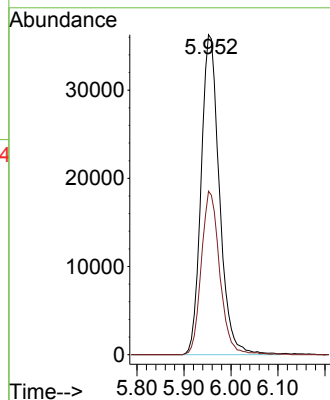
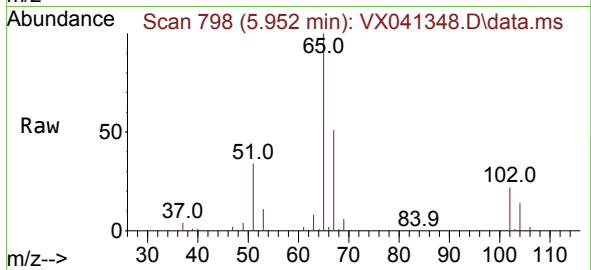




#33
 1,2-Dichloroethane-d4
 Concen: 45.497 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX041348.D
 Acq: 02 May 2024 13:04

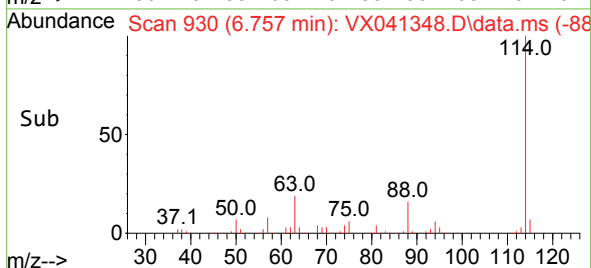
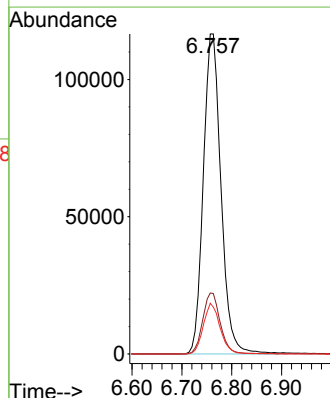
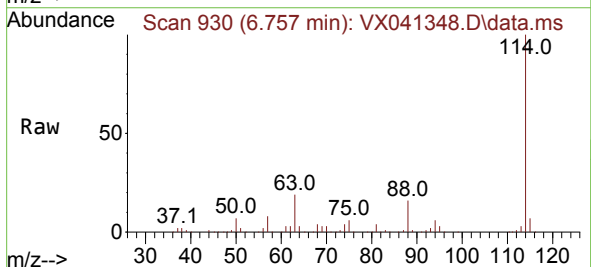
Instrument :
 MSVOA_X
 ClientSampleId :

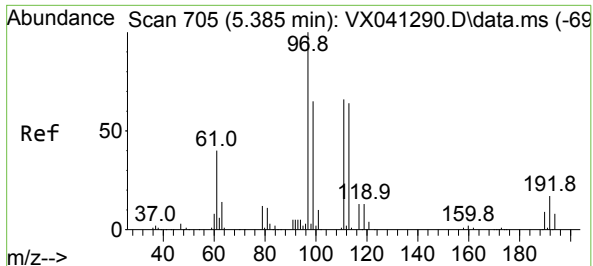
Tgt Ion: 65 Resp: 98071
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX041348.D
 Acq: 02 May 2024 13:04

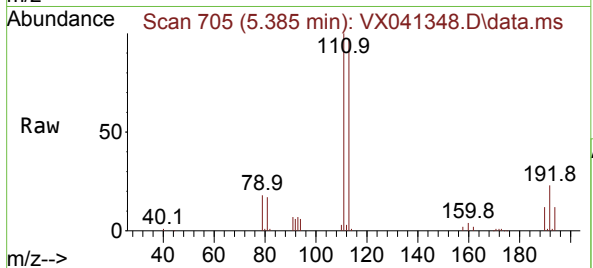
Tgt Ion: 114 Resp: 286587
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 45.0
 88 15.8 0.0 36.6



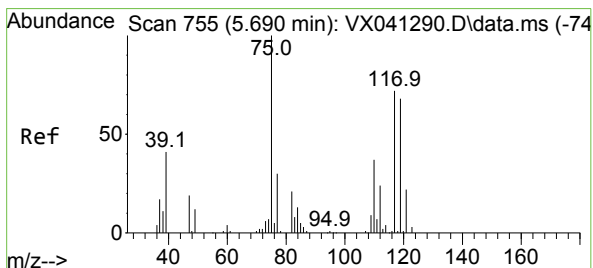
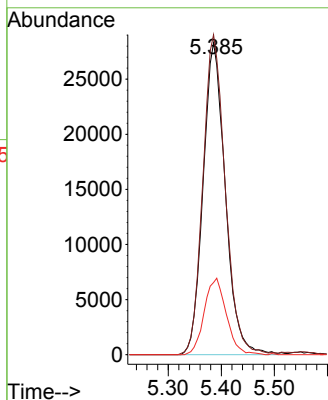
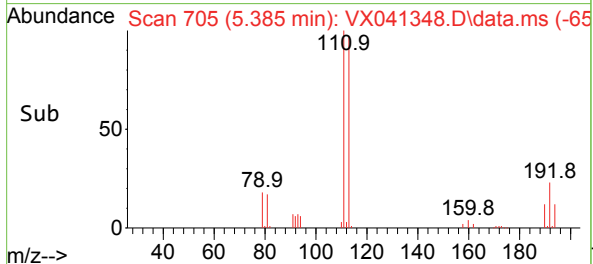


#35
Dibromofluoromethane
Concen: 42.315 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

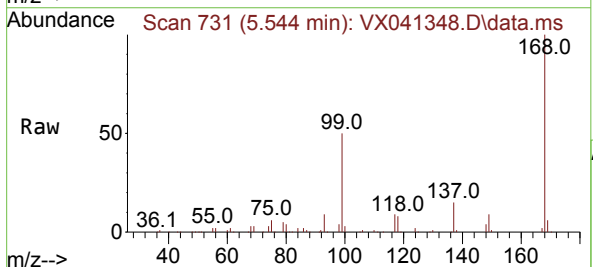
Instrument :
MSVOA_X
ClientSampleId :



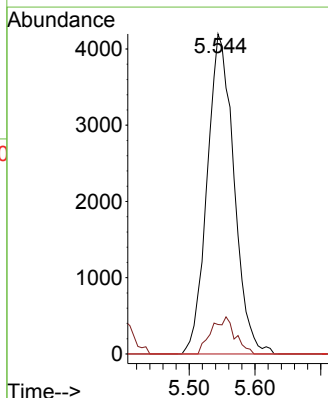
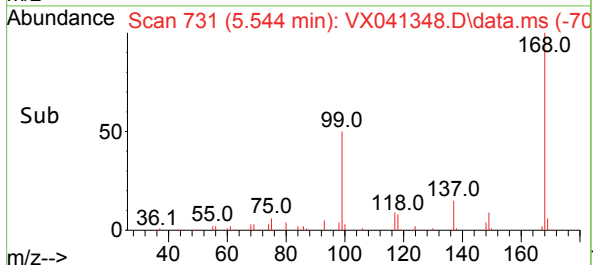
Tgt Ion:113 Resp: 82181
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 24.4 13.3 19.9#

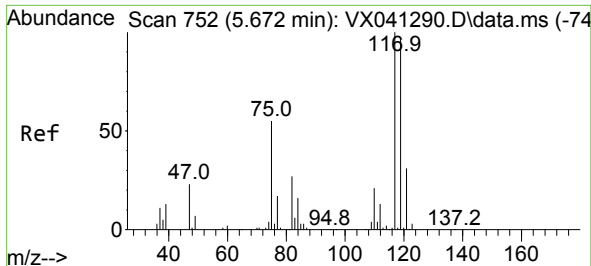


#36
1,1-Dichloropropene
Concen: 5.122 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04



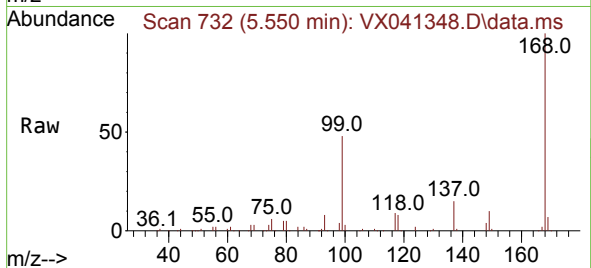
Tgt Ion: 75 Resp: 11895
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



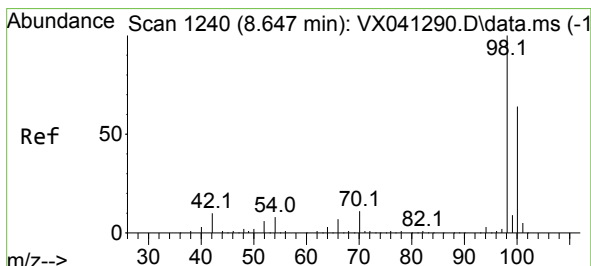
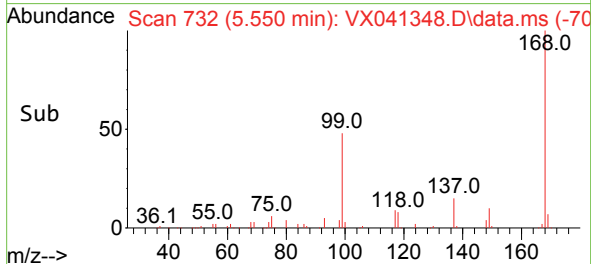
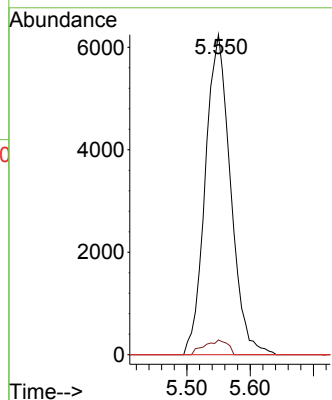


#38
Carbon Tetrachloride
Concen: 6.514 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

Instrument :
MSVOA_X
ClientSampleId :

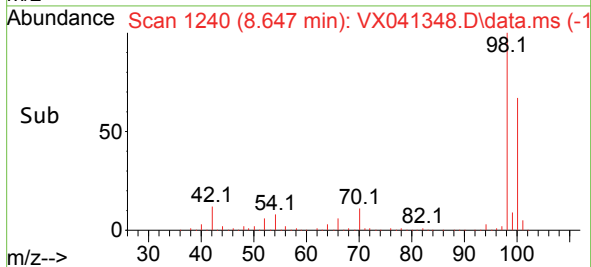
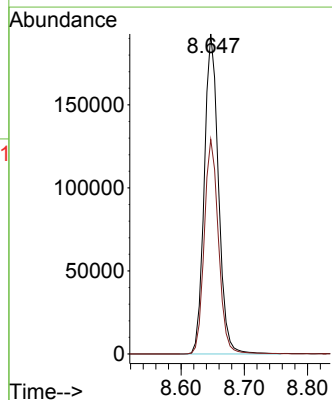
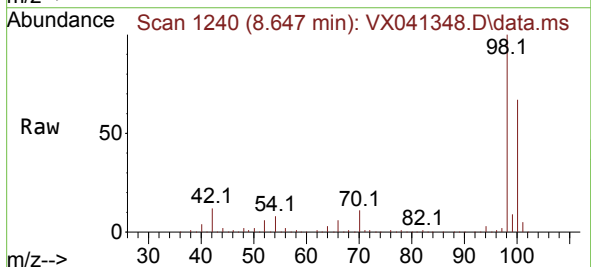


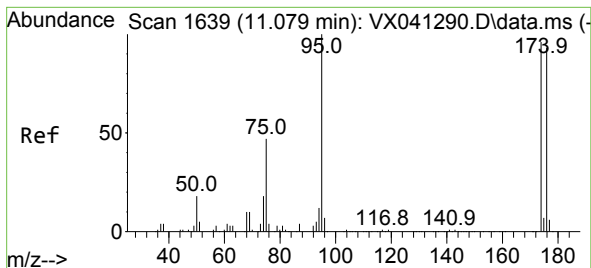
Tgt Ion:117 Resp: 17330
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.009 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

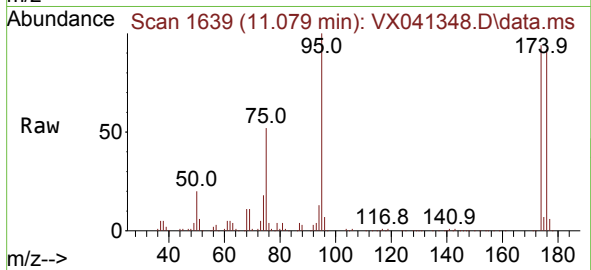
Tgt Ion: 98 Resp: 301255
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



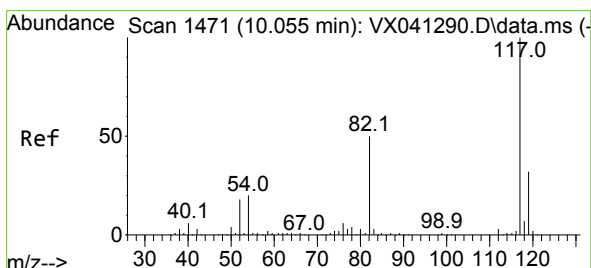
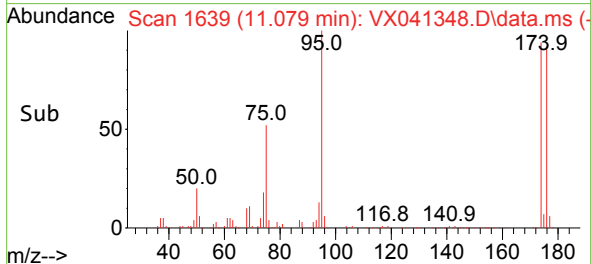
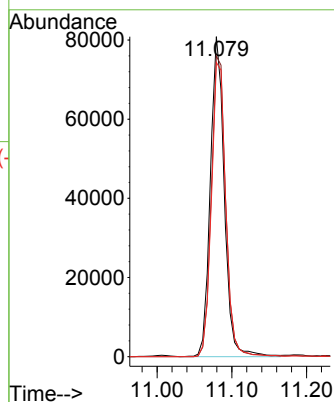


#62
4-Bromofluorobenzene
Concen: 44.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

Instrument :
MSVOA_X
ClientSampleId :

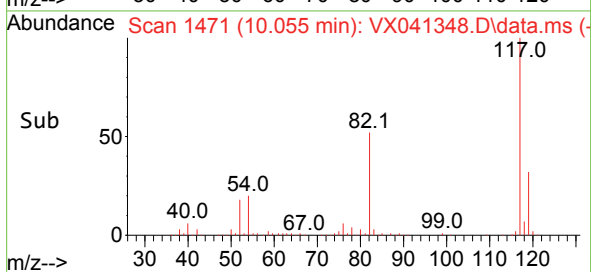
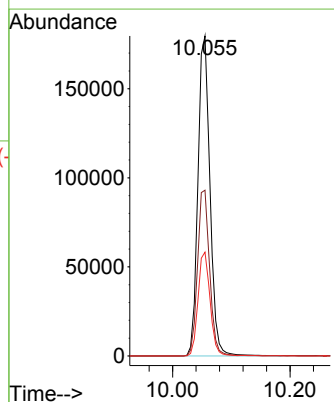
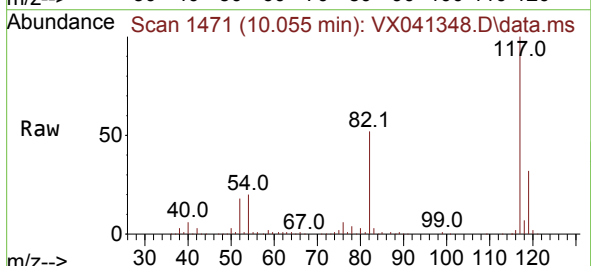


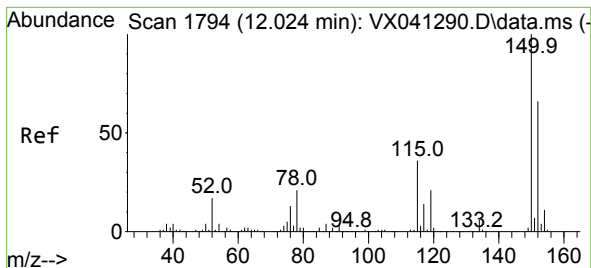
Tgt Ion: 95 Resp: 105063
Ion Ratio Lower Upper
95 100
174 96.5 0.0 135.6
176 94.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

Tgt Ion: 117 Resp: 255153
Ion Ratio Lower Upper
117 100
82 51.8 46.2 69.4
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX041348.D

Acq: 02 May 2024 13:04

Instrument :

MSVOA_X

ClientSampleId :

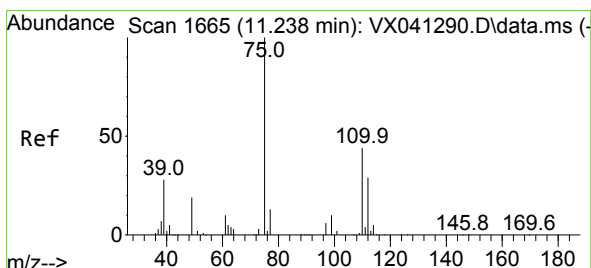
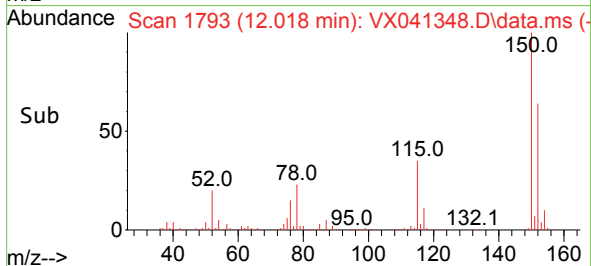
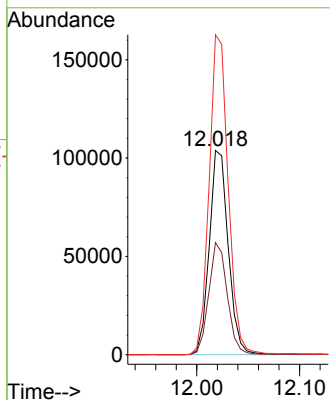
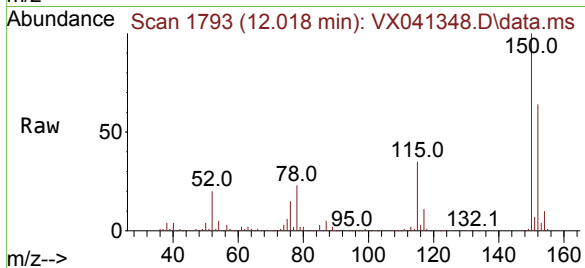
Tgt Ion:152 Resp: 133556

Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 156.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.084 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041348.D

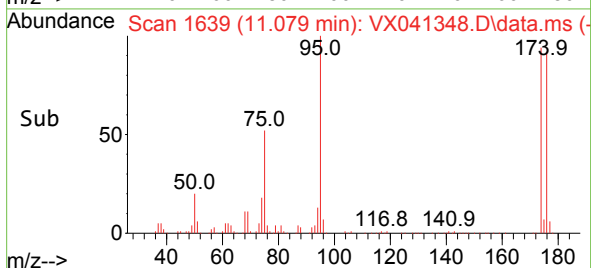
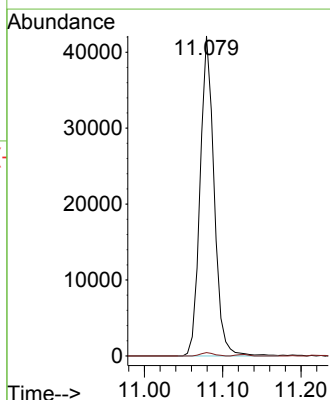
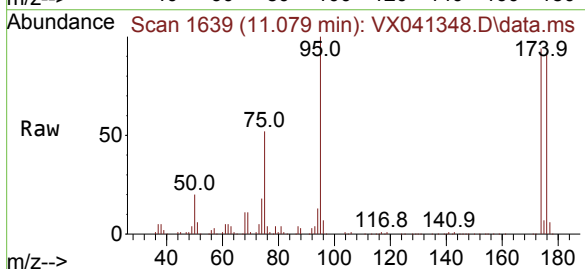
Acq: 02 May 2024 13:04

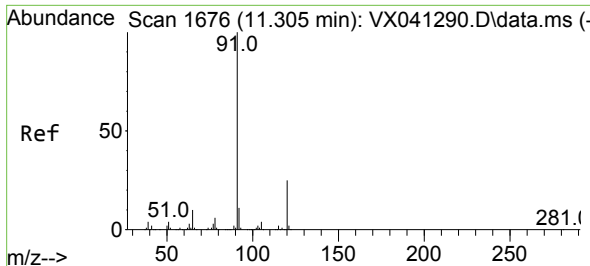
Tgt Ion: 75 Resp: 52420

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

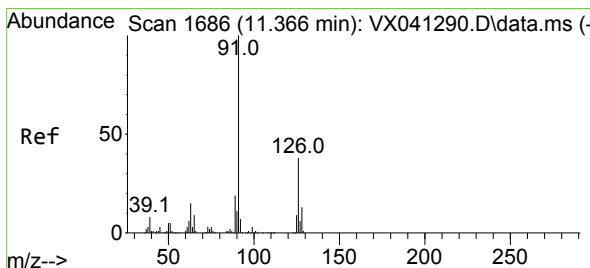
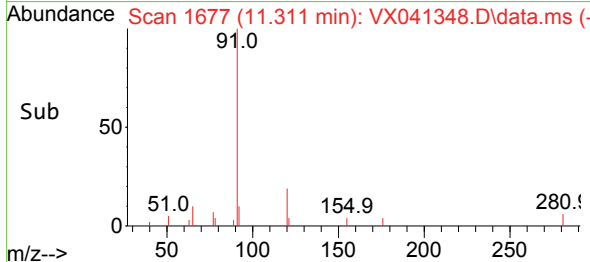
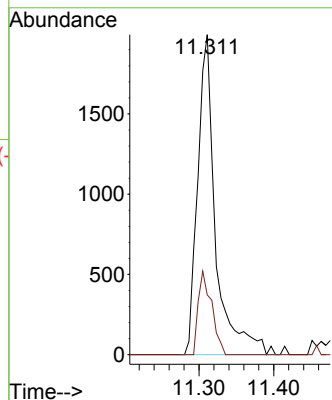
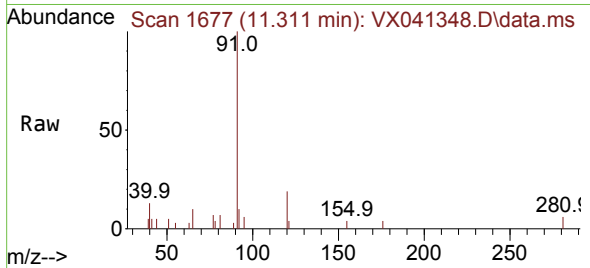




#78
n-propylbenzene
Concen: 0.388 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

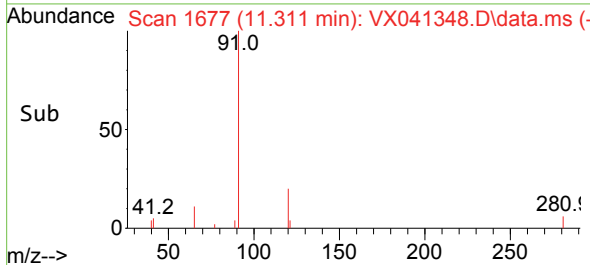
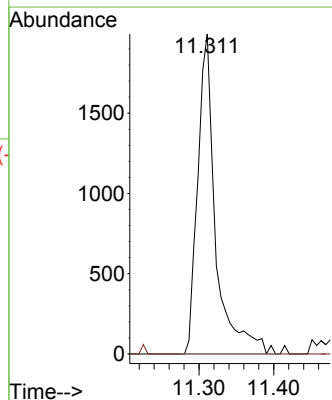
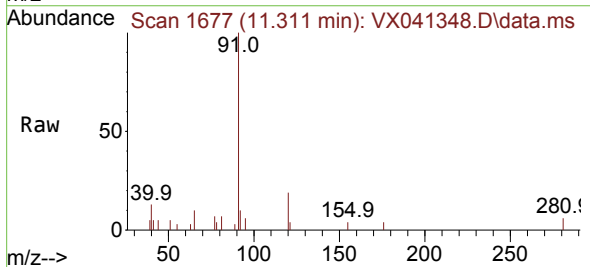
Instrument :
MSVOA_X
ClientSampleId :

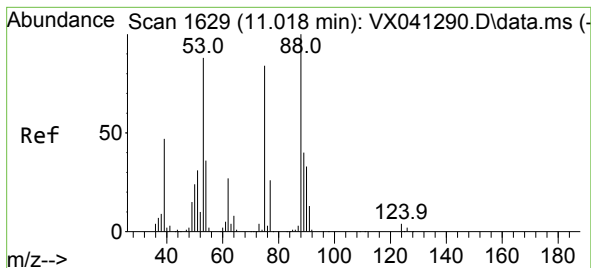
Tgt Ion: 91 Resp: 3324
Ion Ratio Lower Upper
91 100
120 19.5 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.602 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. -0.055 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

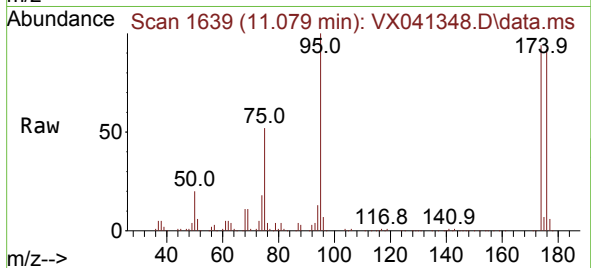
Tgt Ion: 91 Resp: 3324
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



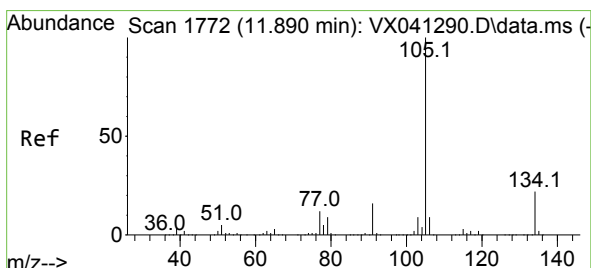
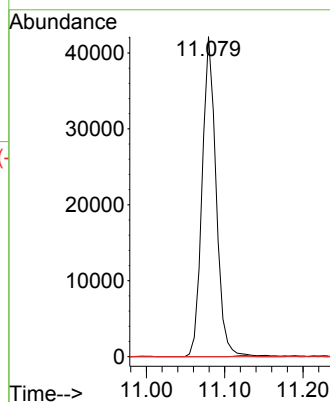
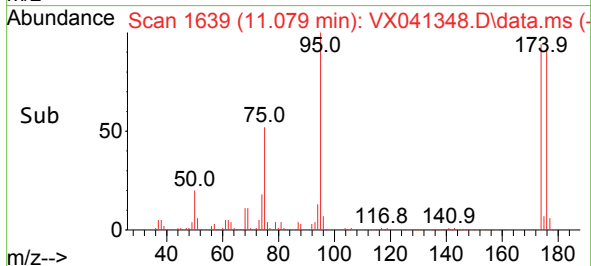


#81
trans-1,4-Dichloro-2-butene
Concen: 65.602 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

Instrument :
MSVOA_X
ClientSampleId :

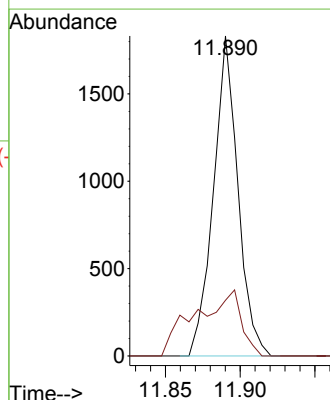
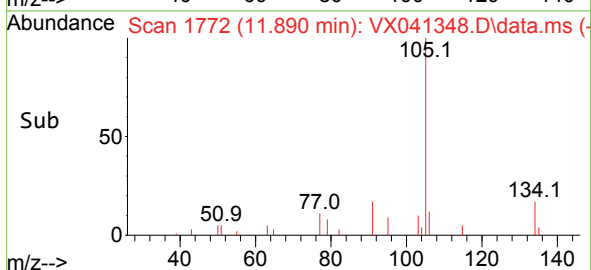
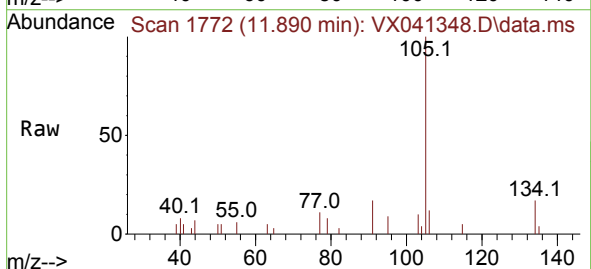


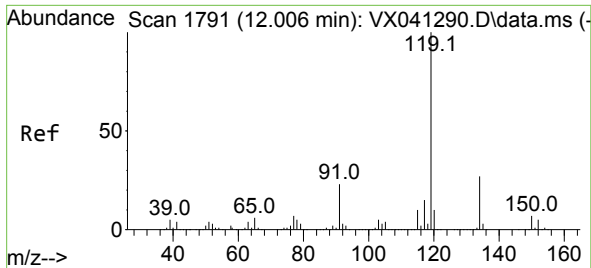
Tgt Ion: 75 Resp: 52420
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#85
sec-Butylbenzene
Concen: 0.255 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041348.D
Acq: 02 May 2024 13:04

Tgt Ion: 105 Resp: 2080
Ion Ratio Lower Upper
105 100
134 38.7 9.8 29.4#





#86

p-Isopropyltoluene

Concen: 0.223 ug/l

RT: 12.183 min Scan# 119

Delta R.T. 0.177 min

Lab File: VX041348.D

Acq: 02 May 2024 13:04

Instrument :

MSVOA_X

ClientSampleId :

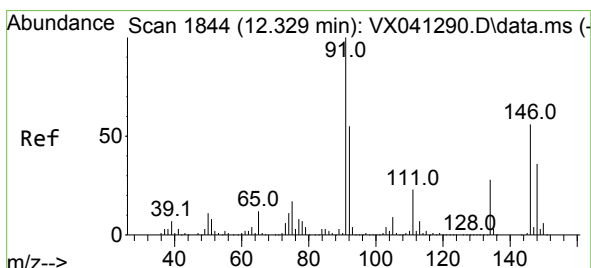
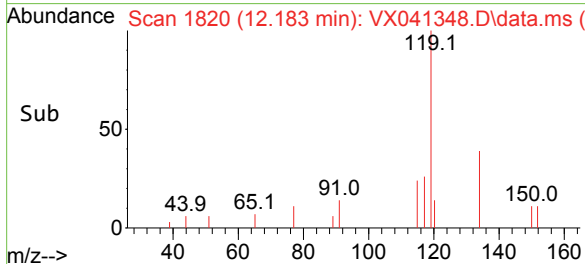
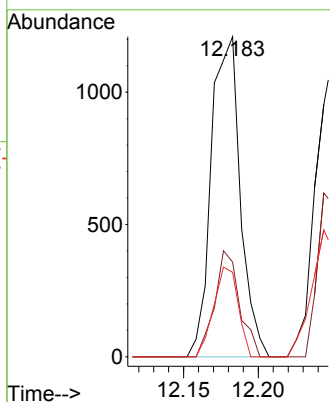
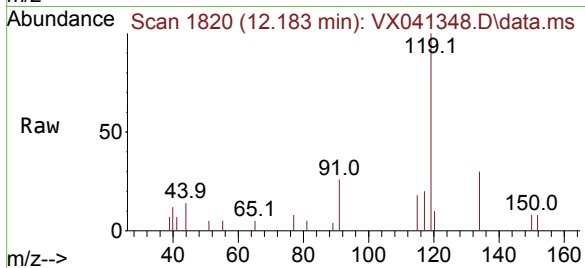
Tgt Ion:119 Resp: 1631

Ion Ratio Lower Upper

119 100

134 28.4 12.8 38.3

91 23.6 13.1 39.3



#89

n-Butylbenzene

Concen: 0.202 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041348.D

Acq: 02 May 2024 13:04

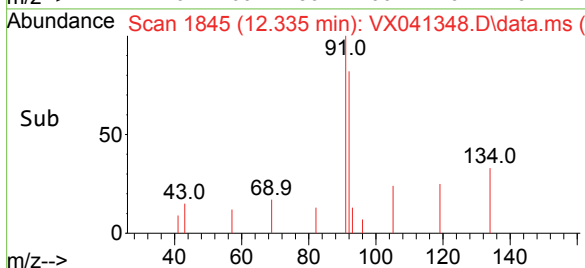
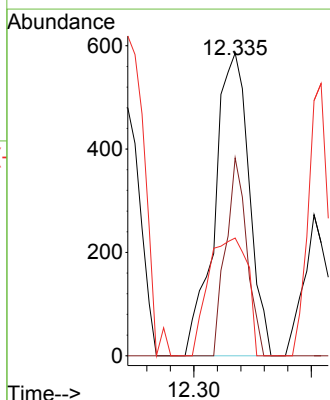
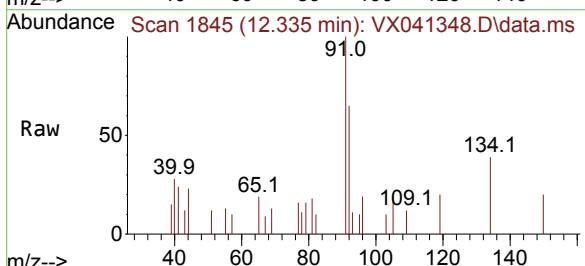
Tgt Ion: 91 Resp: 1191

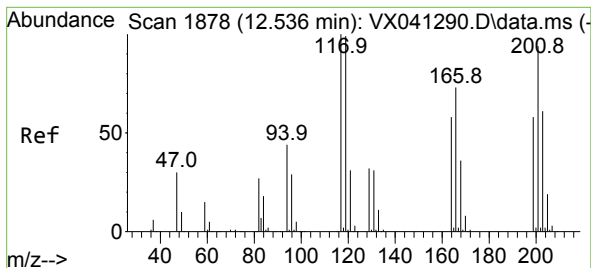
Ion Ratio Lower Upper

91 100

92 40.2 27.4 82.0

134 44.6 12.6 37.8#





#90

Hexachloroethane

Concen: 0.473 ug/l

RT: 12.616 min Scan# 11

Delta R.T. 0.079 min

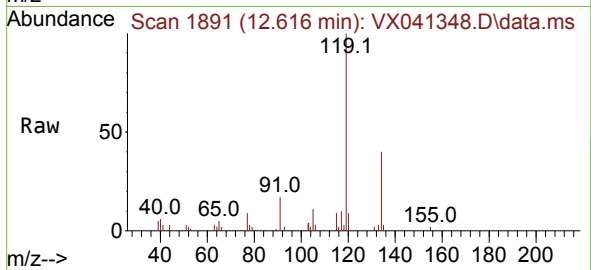
Lab File: VX041348.D

Acq: 02 May 2024 13:04

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:117 Resp: 580

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#

