

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
 Data File : VX041355.D
 Acq On : 02 May 2024 15:46
 Operator : JC/MD
 Sample : P2264-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 03 01:40:02 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)

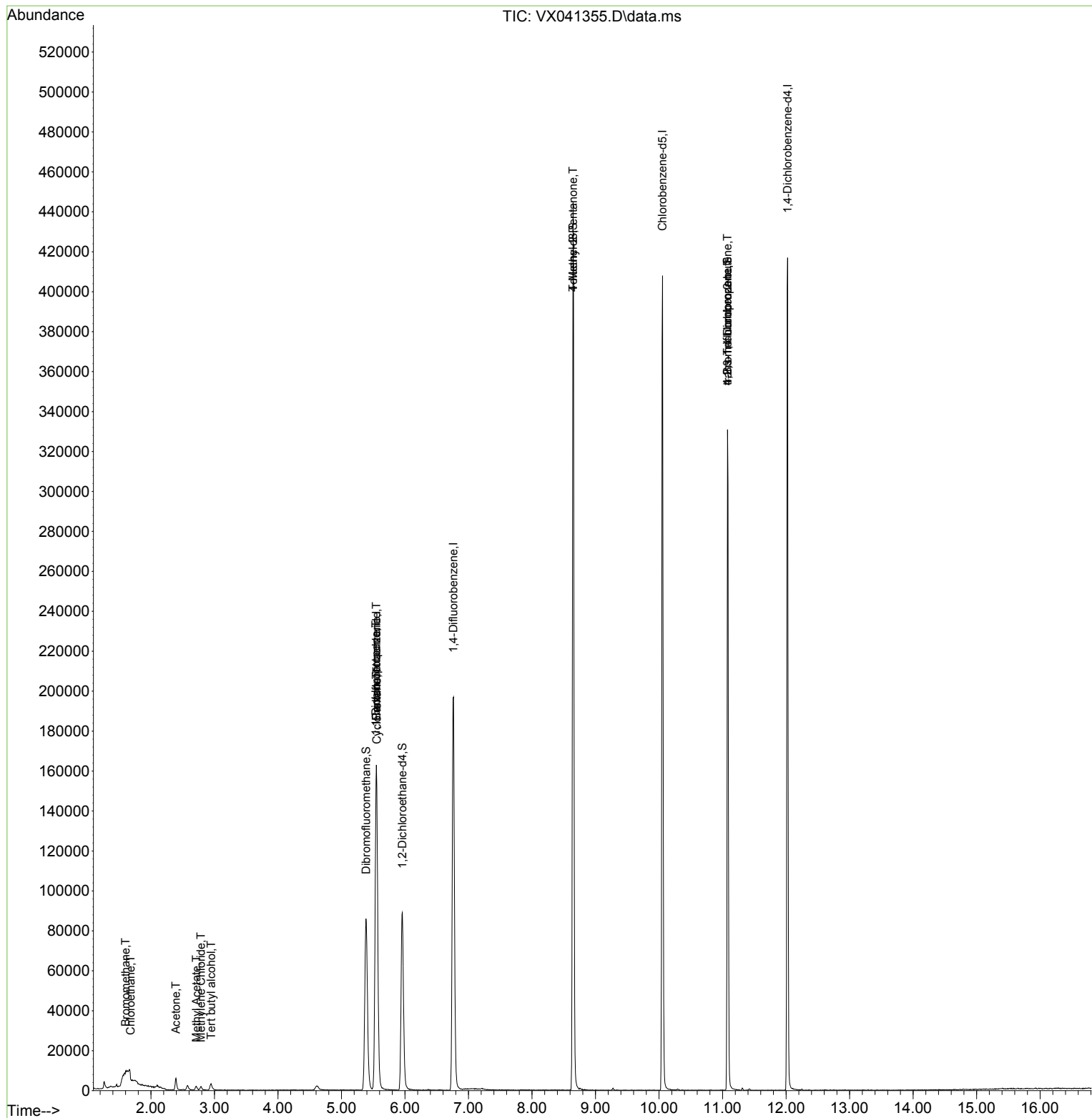
Internal Standards						
1) Pentafluorobenzene	5.550	168	176905	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	214821	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90392	46.936	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.880%
35) Dibromofluoromethane	5.385	113	74900	51.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.900%
50) Toluene-d8	8.647	98	258847	56.177	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	112.360%#
62) 4-Bromofluorobenzene	11.079	95	81296	45.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.160%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	305	0.339	ug/l	# 78
6) Chloroethane	1.678	64	335	0.503	ug/l	# 43
11) Tert butyl alcohol	2.946	59	2339	6.068	ug/l	# 78
16) Acetone	2.392	43	6647	3.989	ug/l	93
18) Methyl Acetate	2.715	43	2524	1.281	ug/l	97
20) Methylene Chloride	2.788	84	914	0.547	ug/l	# 91
31) Cyclohexane	5.556	56	2693	1.159	ug/l	# 13
36) 1,1-Dichloropropene	5.544	75	10683	6.137	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	15098	7.571	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	1346	0.687	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	42004	27.440	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	42004	74.742	ug/l	# 5

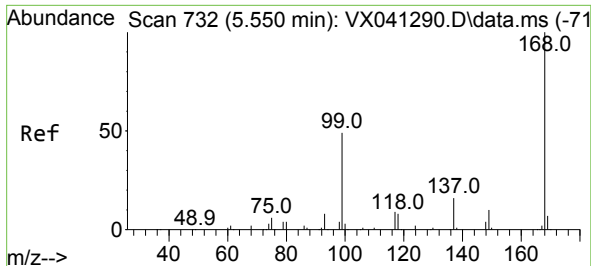
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050224\
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ClientSampleId :

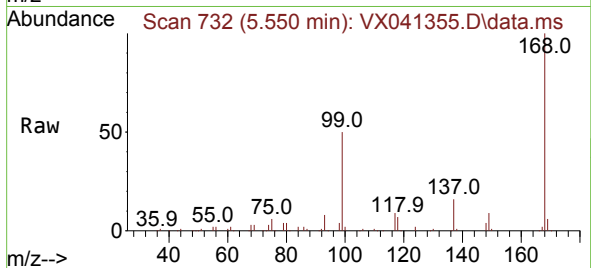
Quant Time: May 03 01:40:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration



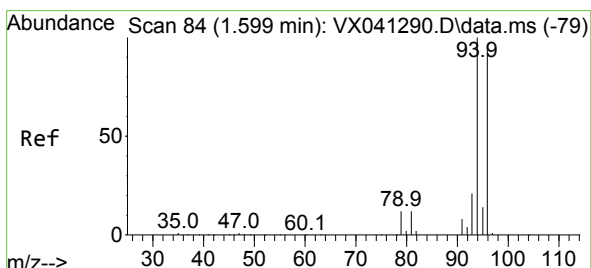
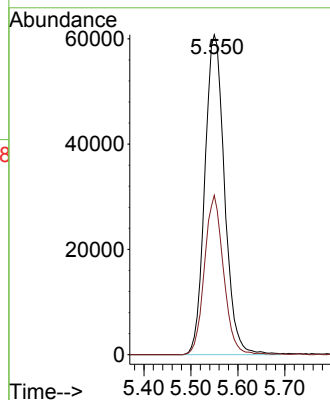
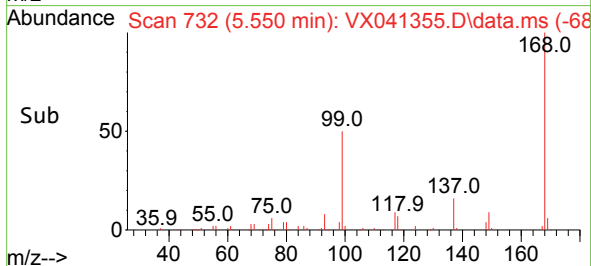


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :

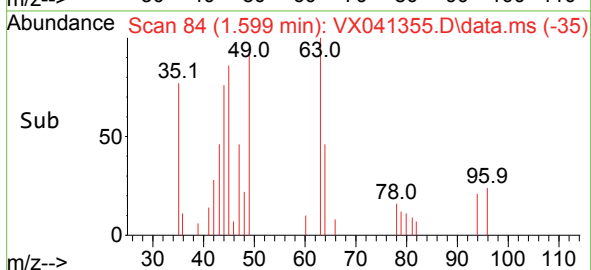
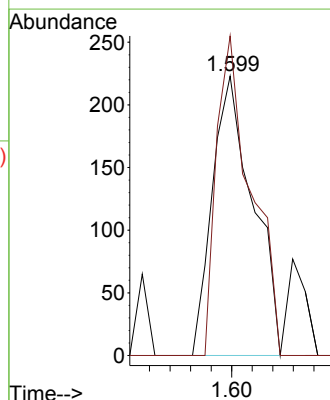
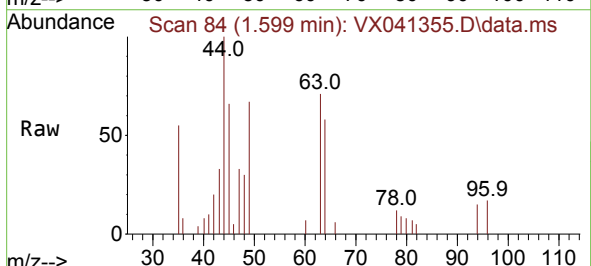


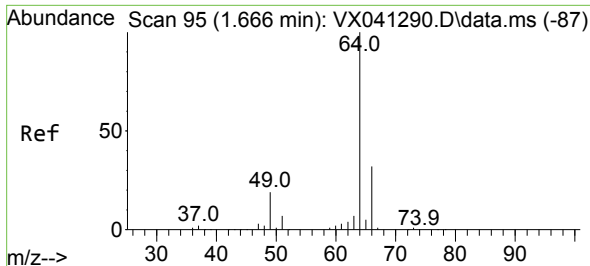
Tgt Ion:168 Resp: 176905
Ion Ratio Lower Upper
168 100
99 49.8 56.6 85.0#



#5
Bromomethane
Concen: 0.339 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 114.3 74.6 111.8#

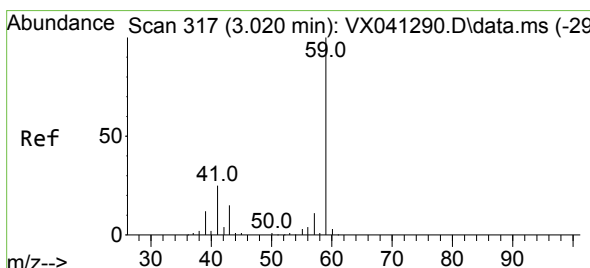
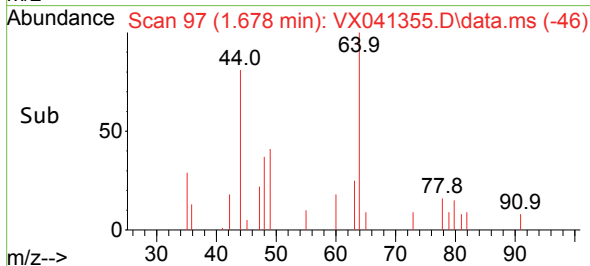
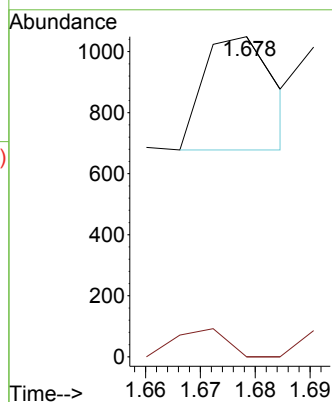
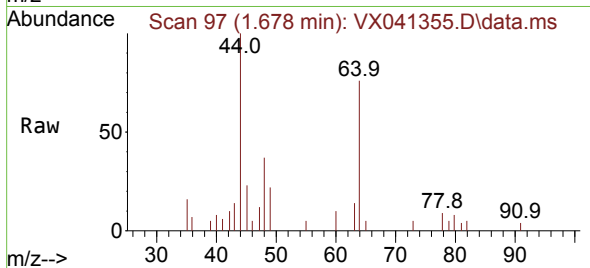




#6
Chloroethane
Concen: 0.503 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

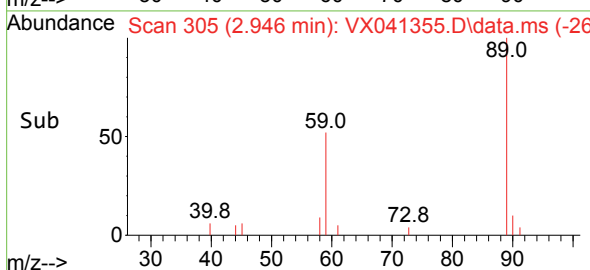
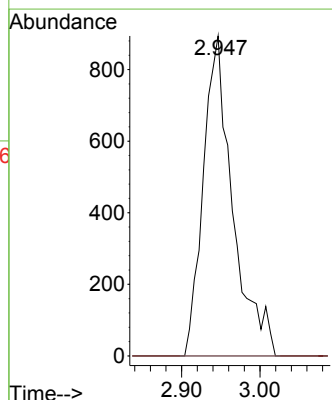
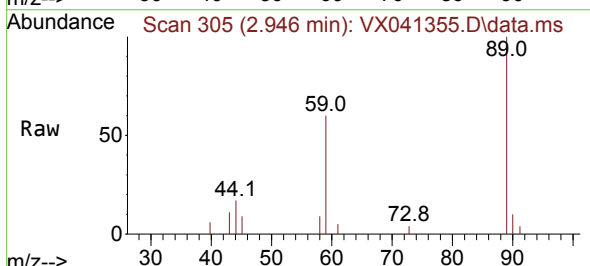
Instrument :
MSVOA_X
ClientSampleId :

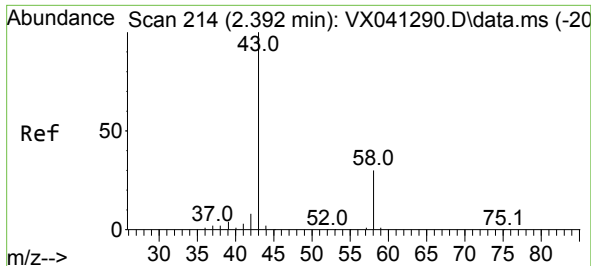
Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 6.068 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.073 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

Tgt Ion: 59 Resp: 2339
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

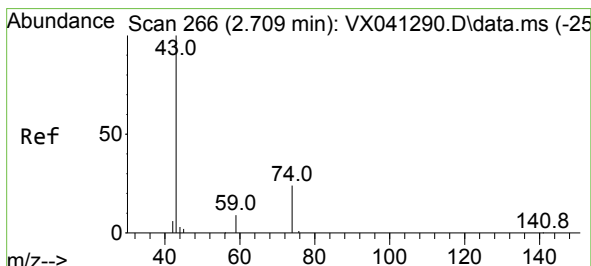
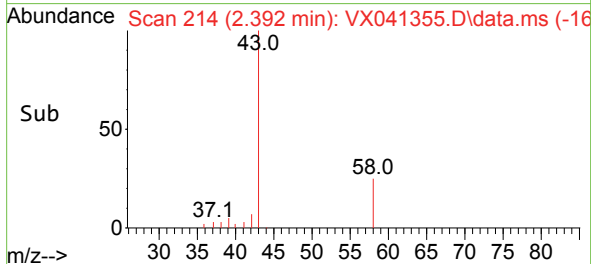
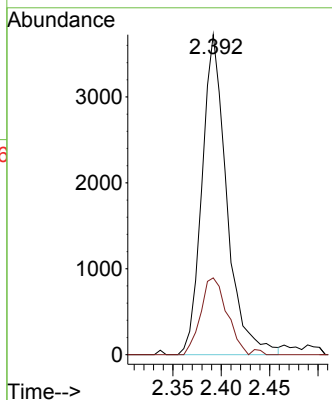
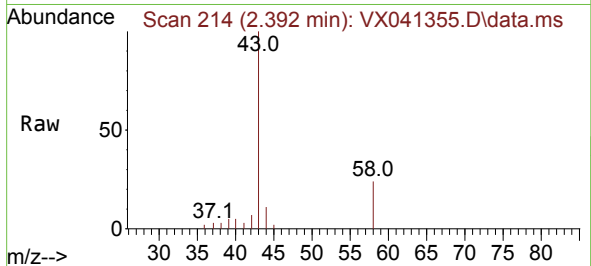




#16
Acetone
Concen: 3.989 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

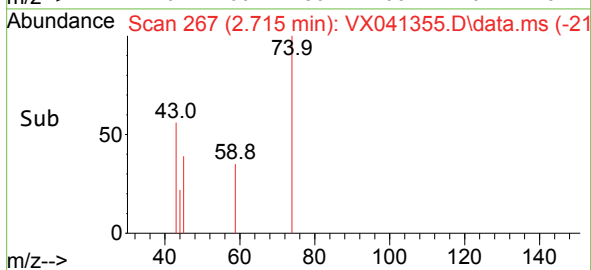
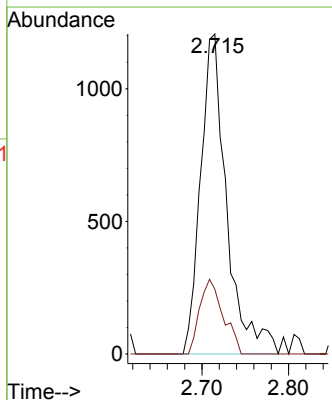
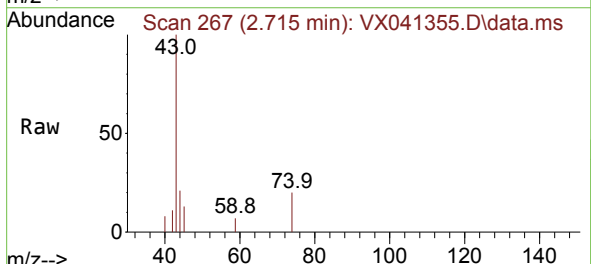
Instrument :
MSVOA_X
ClientSampleId :

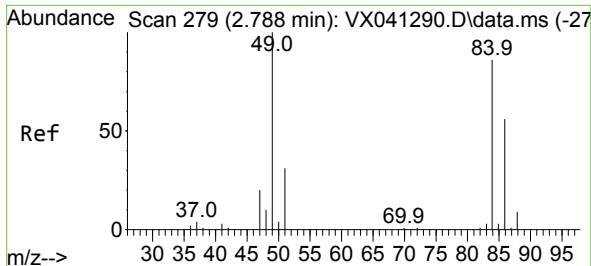
Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
58 24.0 21.9 32.9



#18
Methyl Acetate
Concen: 1.281 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

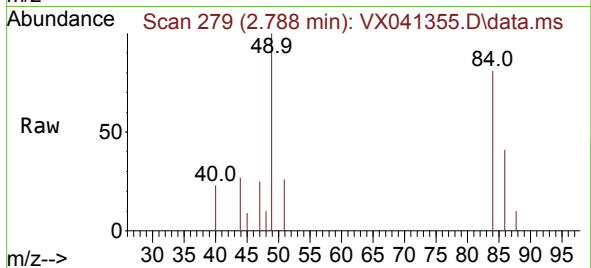
Tgt Ion: 43 Resp: 2524
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.8



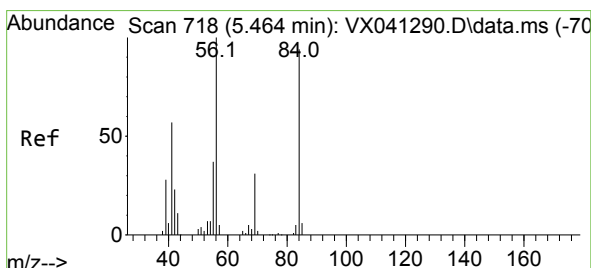
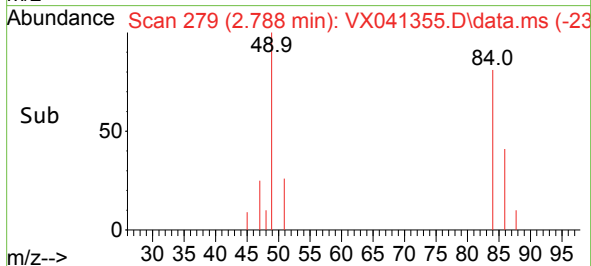
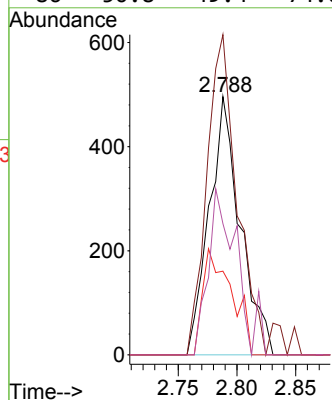


#20
Methylene Chloride
Concen: 0.547 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :

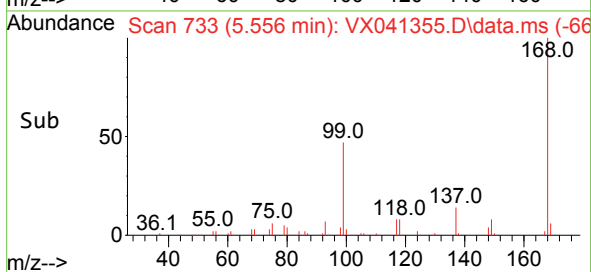
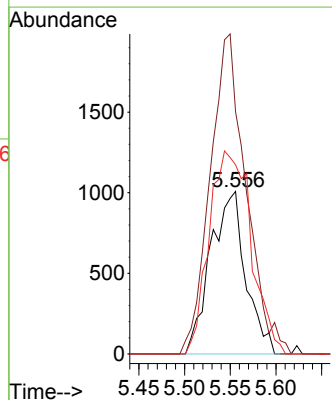
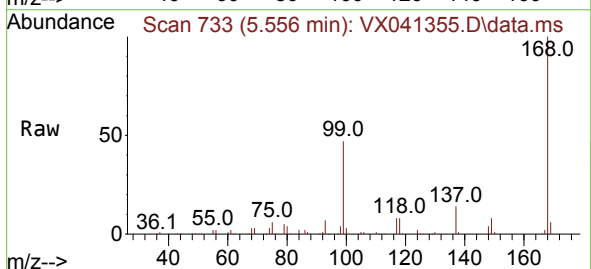


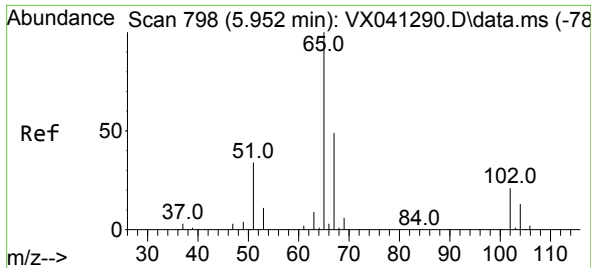
Tgt Ion: 84	Resp: 914
Ion Ratio	Lower Upper
84 100	
49 124.0	103.6 155.4
51 32.5	33.8 50.6#
86 50.8	49.4 74.0



#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

Tgt Ion: 56	Resp: 2693
Ion Ratio	Lower Upper
56 100	
69 149.1	23.4 35.2#
84 116.4	65.9 98.9#

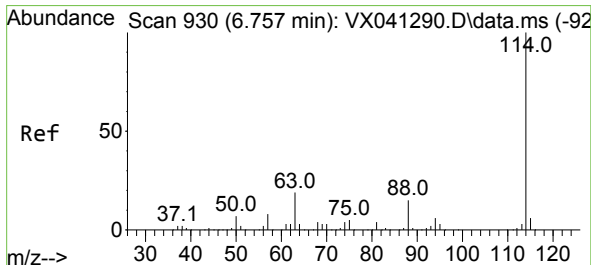
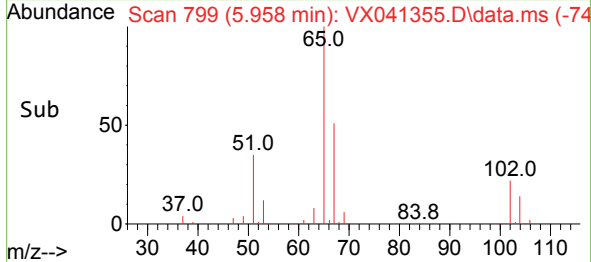
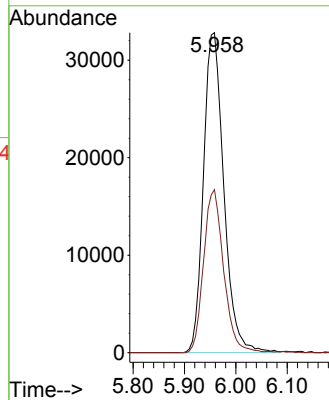
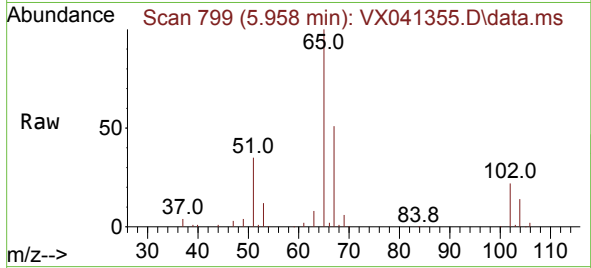




#33
 1,2-Dichloroethane-d4
 Concen: 46.936 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX041355.D
 Acq: 02 May 2024 15:46

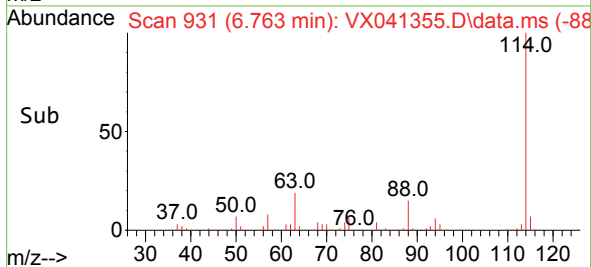
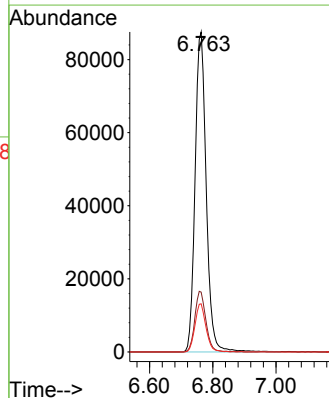
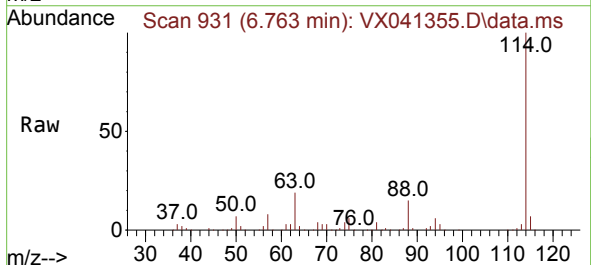
Instrument :
 MSVOA_X
 ClientSampleId :

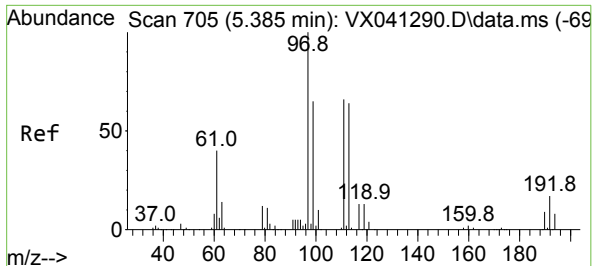
Tgt Ion: 65 Resp: 90392
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX041355.D
 Acq: 02 May 2024 15:46

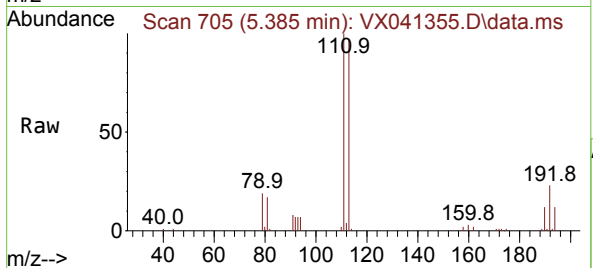
Tgt Ion: 114 Resp: 214821
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 45.0
 88 15.0 0.0 36.6



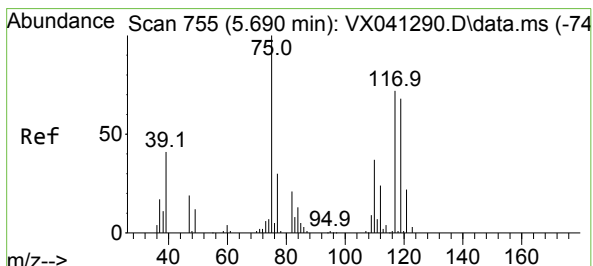
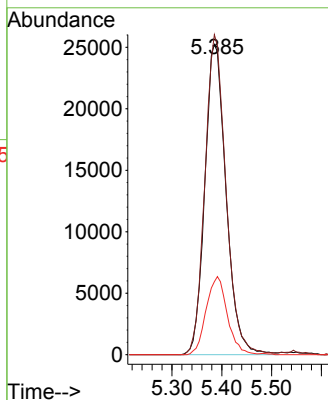
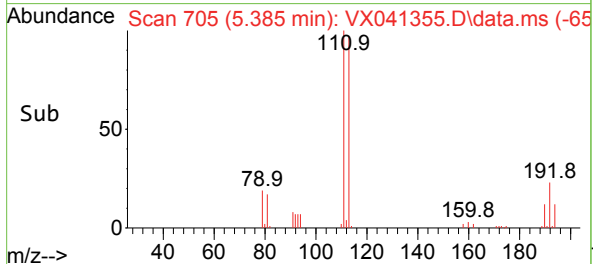


#35
Dibromofluoromethane
Concen: 51.450 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

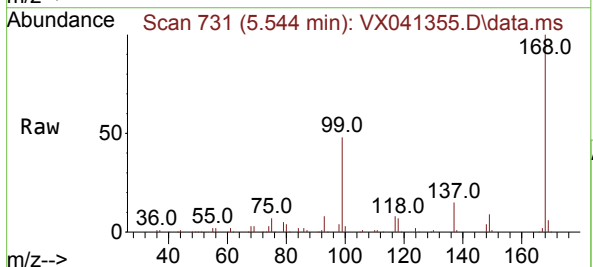
Instrument :
MSVOA_X
ClientSampleId :



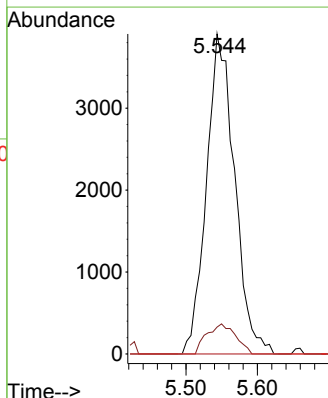
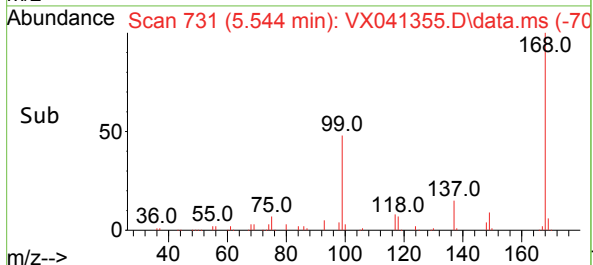
Tgt Ion:113 Resp: 74900
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 24.9 13.3 19.9#

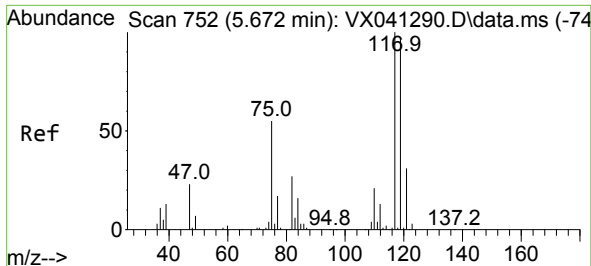


#36
1,1-Dichloropropene
Concen: 6.137 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46



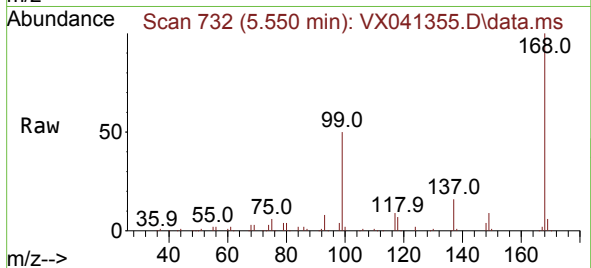
Tgt Ion: 75 Resp: 10683
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



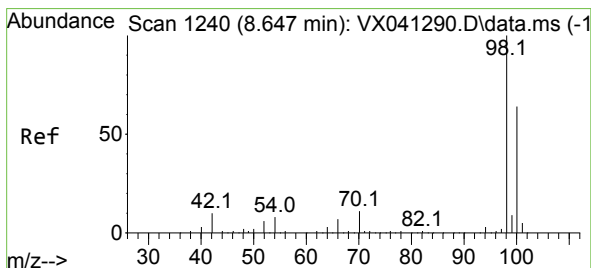
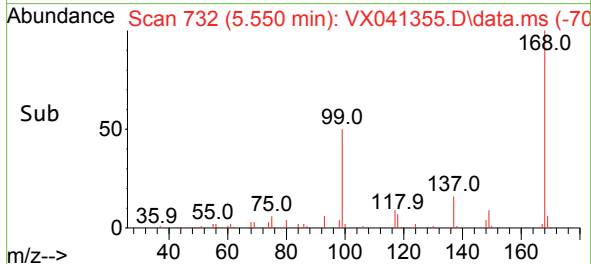
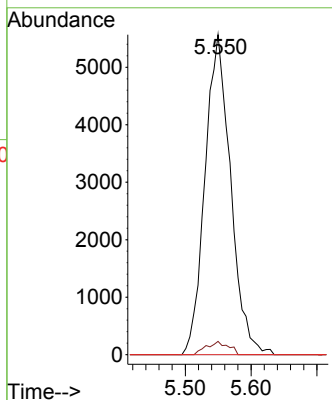


#38
Carbon Tetrachloride
Concen: 7.571 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

Instrument :
MSVOA_X
ClientSampleId :

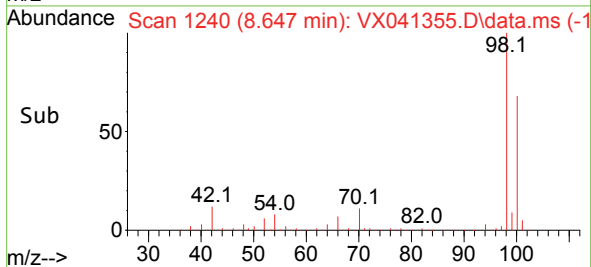
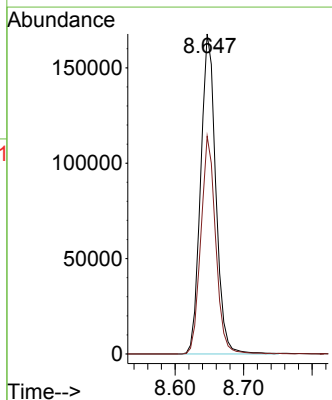
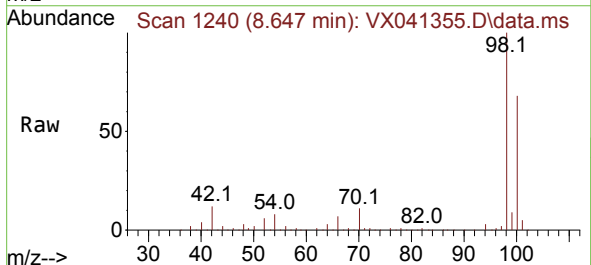


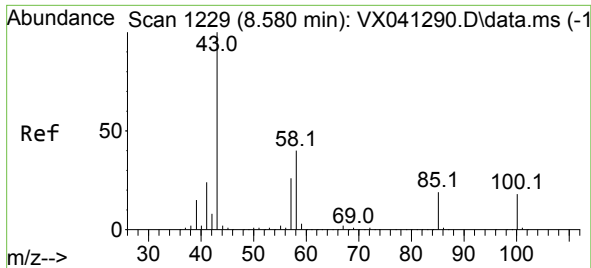
Tgt Ion:117 Resp: 15098
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 56.177 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

Tgt Ion: 98 Resp: 258847
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.687 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX041355.D

Acq: 02 May 2024 15:46

Instrument :

MSVOA_X

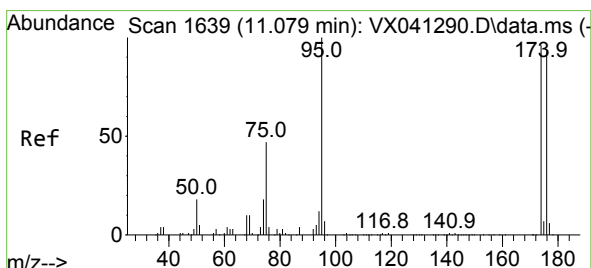
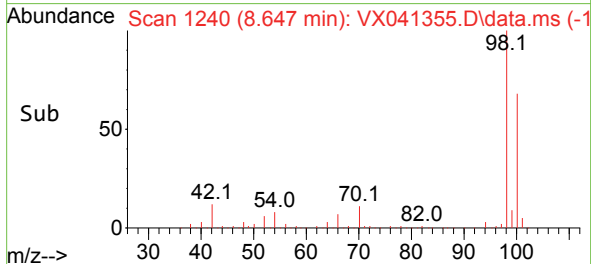
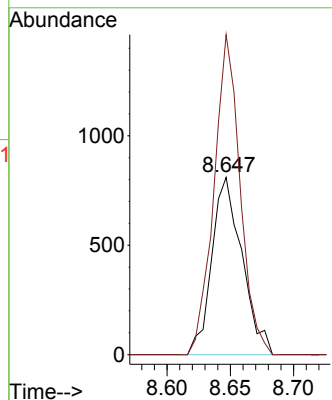
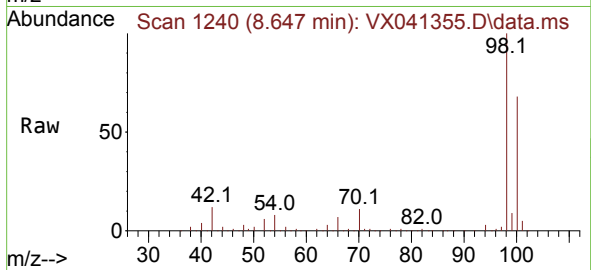
ClientSampleId :

Tgt Ion: 43 Resp: 1346

Ion Ratio Lower Upper

43 100

58 156.5 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 45.578 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041355.D

Acq: 02 May 2024 15:46

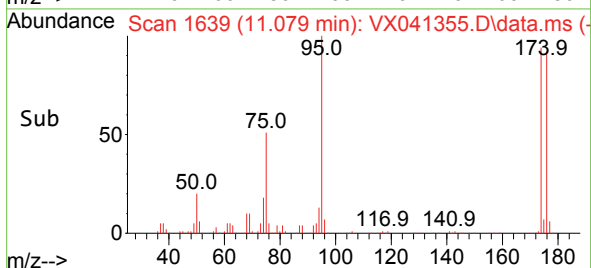
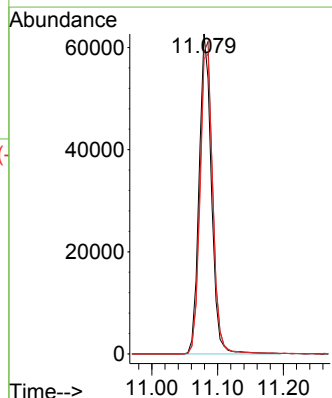
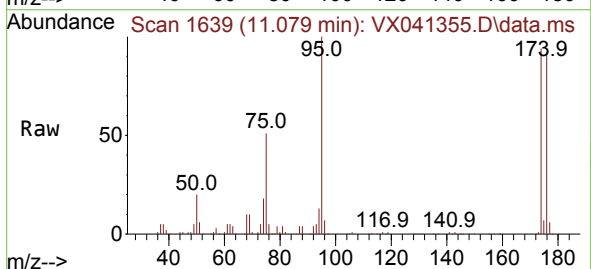
Tgt Ion: 95 Resp: 81296

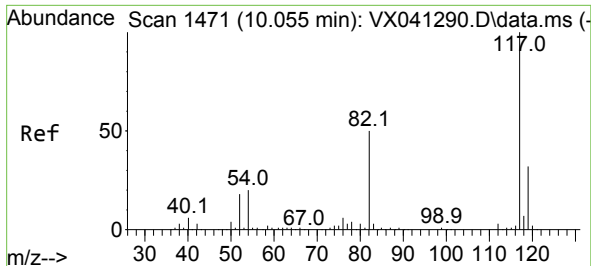
Ion Ratio Lower Upper

95 100

174 102.3 0.0 135.6

176 98.1 0.0 131.0

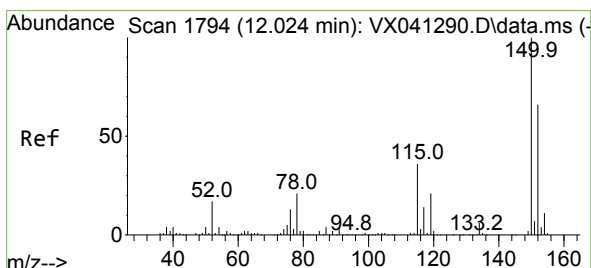
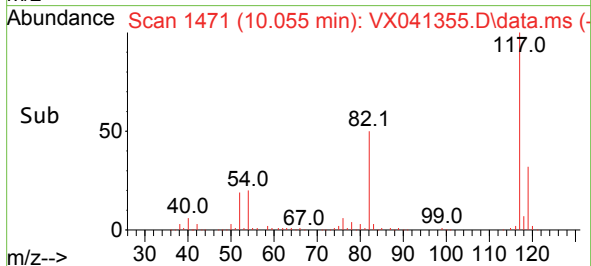
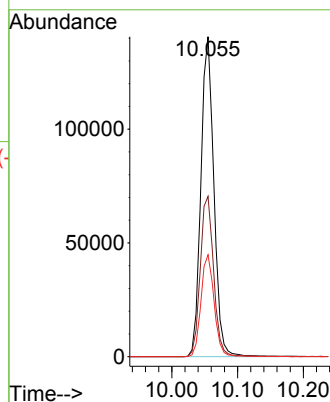
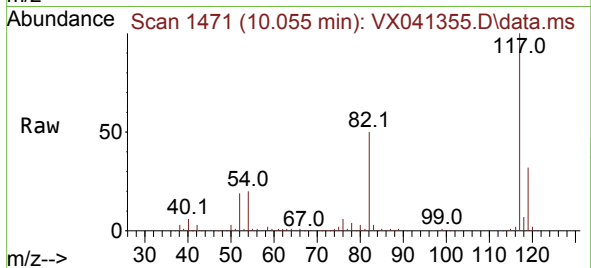




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

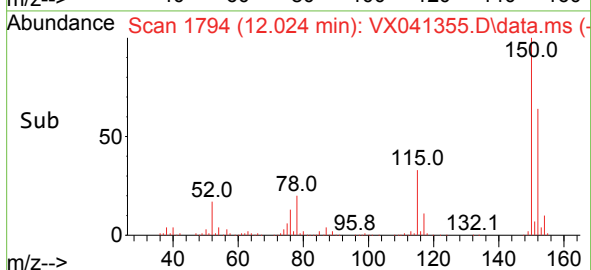
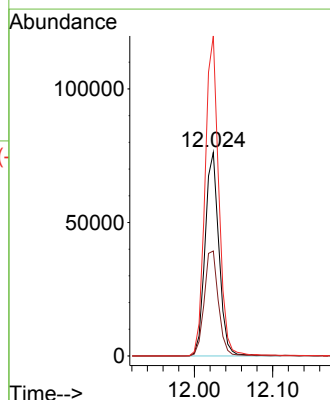
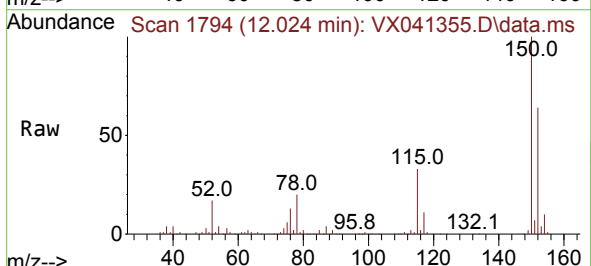
Instrument :
MSVOA_X
ClientSampleId :

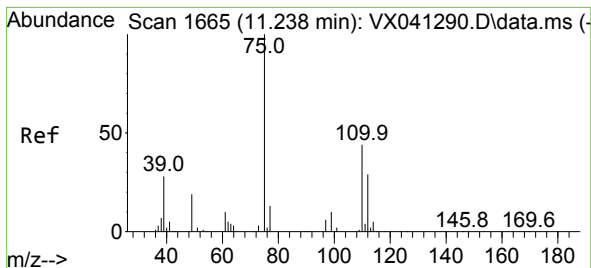
Tgt Ion:117 Resp: 193381
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041355.D
Acq: 02 May 2024 15:46

Tgt Ion:152 Resp: 93931
Ion Ratio Lower Upper
152 100
115 52.8 43.3 129.9
150 156.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 27.440 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041355.D

Acq: 02 May 2024 15:46

Instrument :

MSVOA_X

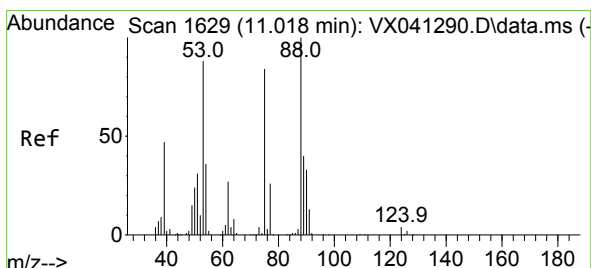
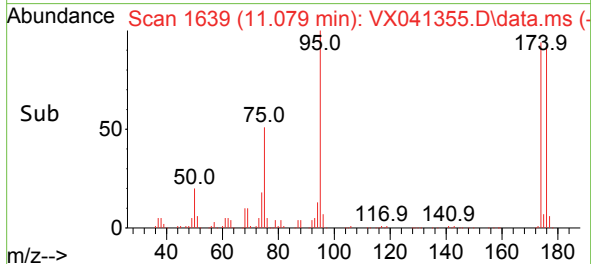
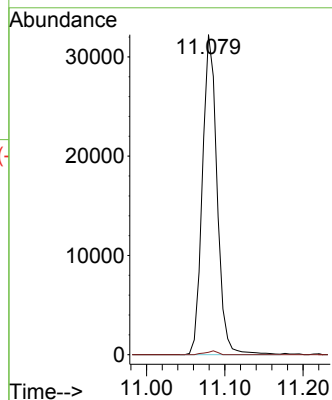
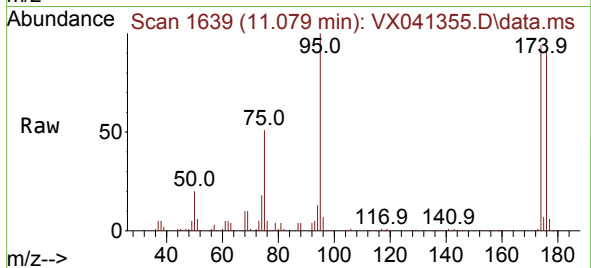
ClientSampleId :

Tgt Ion: 75 Resp: 42004

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.742 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041355.D

Acq: 02 May 2024 15:46

Tgt Ion: 75 Resp: 42004

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

