

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040251.D
 Acq On : 15 Feb 2024 14:51
 Operator : JC/MD
 Sample : P1471-04 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30985

Quant Time: Feb 16 00:49:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

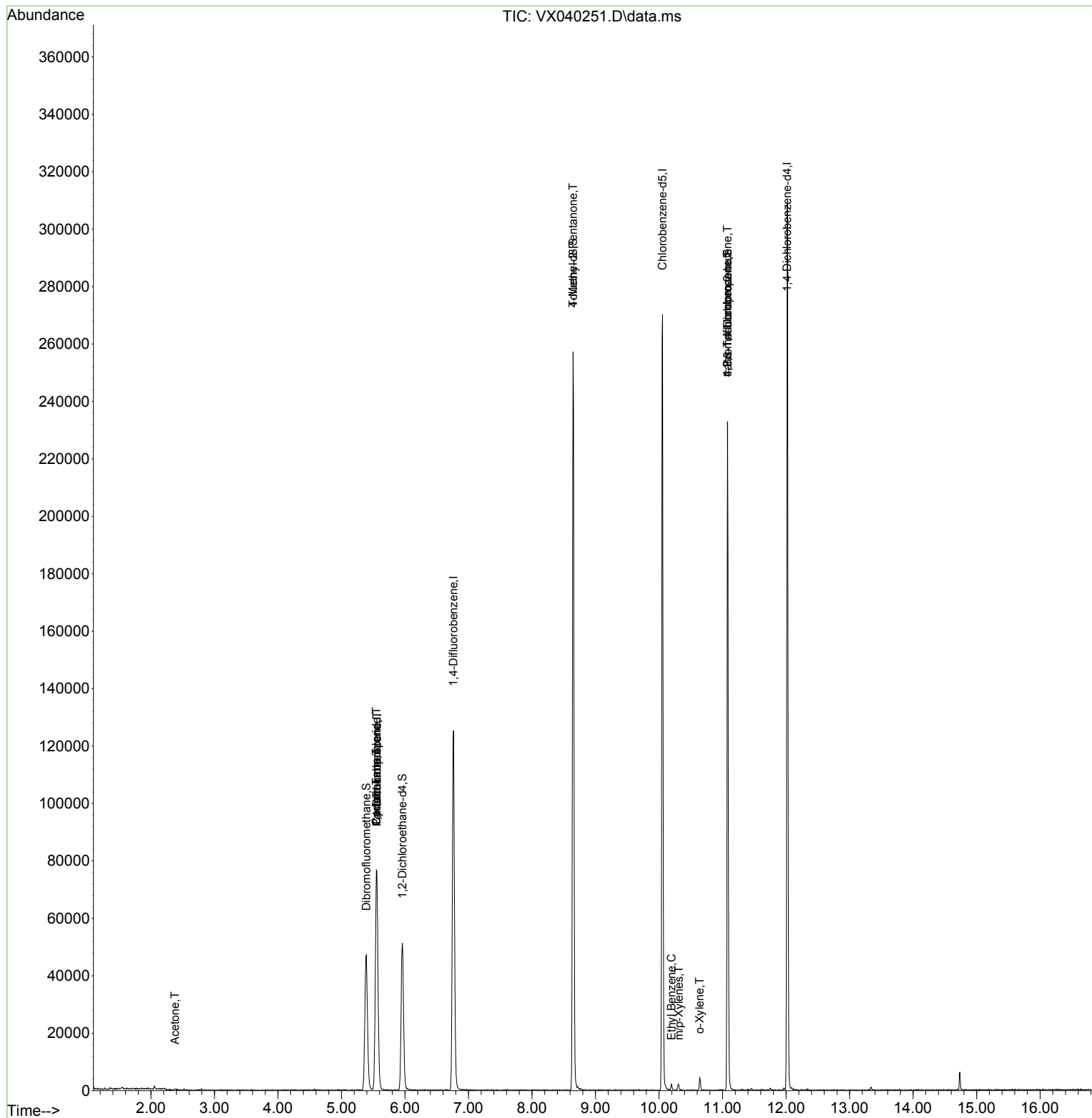
Internal Standards						
1) Pentafluorobenzene	5.556	168	74174	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	127556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50219	45.509	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.020%		
35) Dibromofluoromethane	5.391	113	40750	45.746	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.500%		
50) Toluene-d8	8.647	98	154828	46.465	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.920%		
62) 4-Bromofluorobenzene	11.079	95	60723	44.683	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.360%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	345	0.761	ug/l #	47
20) Methylene Chloride	2.794	84	131	Below Cal	#	69
31) Cyclohexane	5.550	56	1802	1.369	ug/l #	29
36) 1,1-Dichloropropene	5.556	75	5735	4.596	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7182	6.053	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	760	0.514	ug/l #	1
67) Ethyl Benzene	10.195	91	1226	0.268	ug/l #	72
68) m/p-Xylenes	10.311	106	648	0.375	ug/l	87
69) o-Xylene	10.640	106	971	0.578	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	31892	24.522	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31892	67.521	ug/l #	5

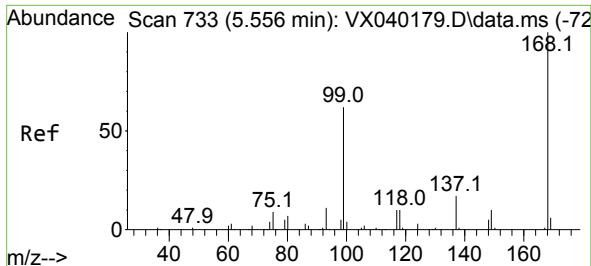
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

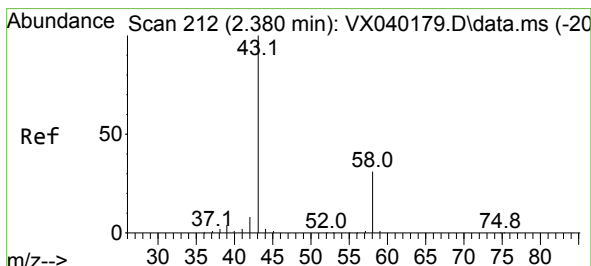
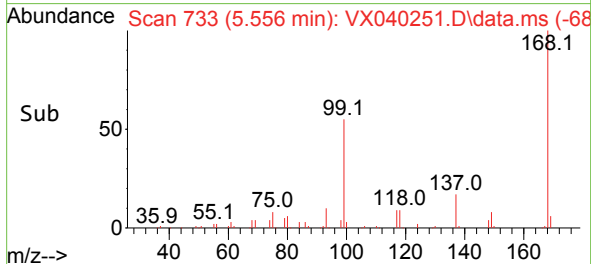
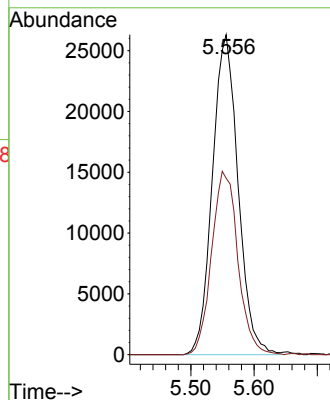
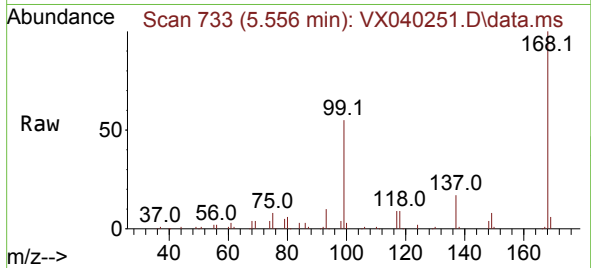




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

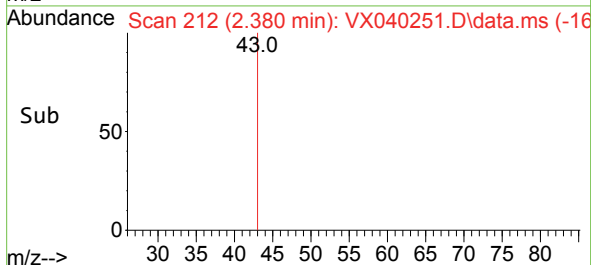
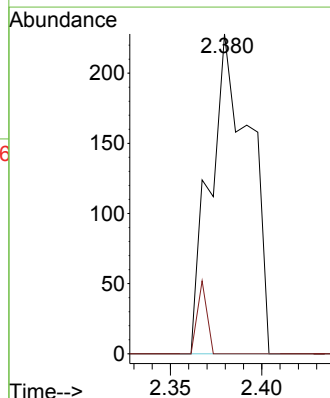
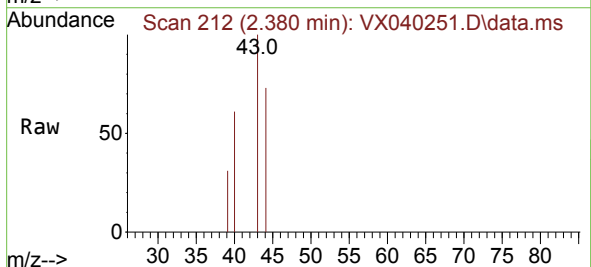
Instrument :
MSVOA_X
ClientSampleId :
30985

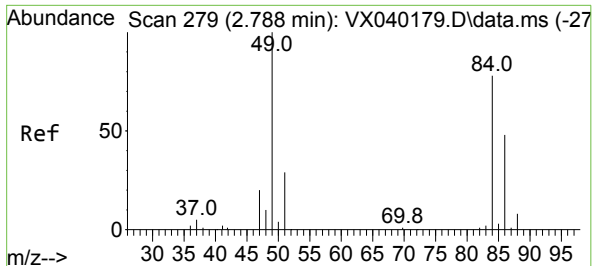
Tgt Ion:168 Resp: 74174
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#16
Acetone
Concen: 0.761 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040251.D

Acq: 15 Feb 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

30985

Tgt Ion: 84 Resp: 131

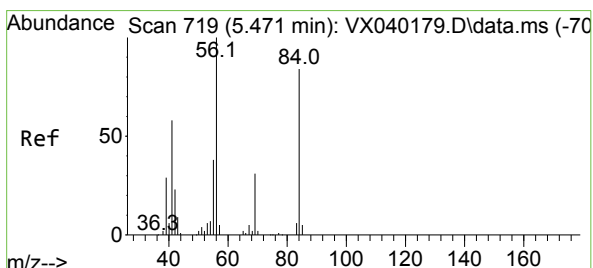
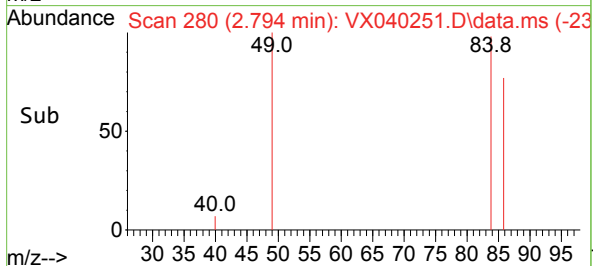
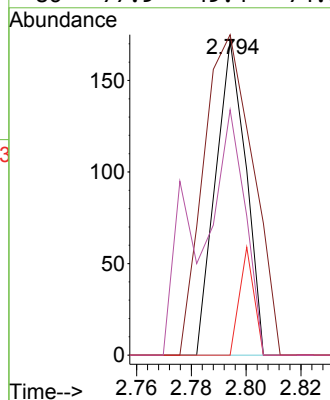
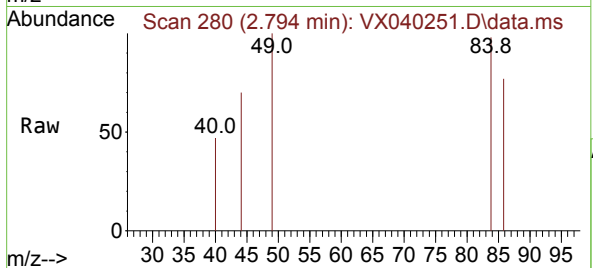
Ion Ratio Lower Upper

84 100

49 101.7 103.6 155.4#

51 0.0 33.8 50.6#

86 77.9 49.4 74.0#



#31

Cyclohexane

Concen: 1.369 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040251.D

Acq: 15 Feb 2024 14:51

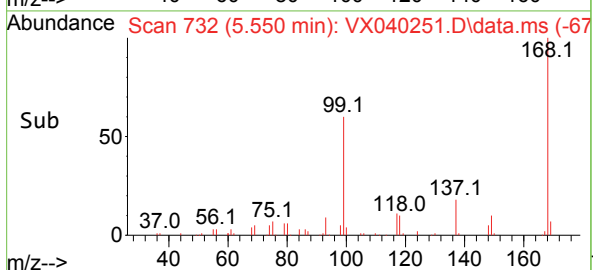
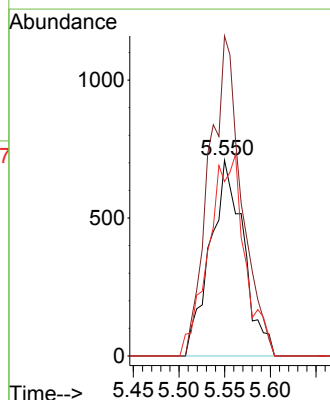
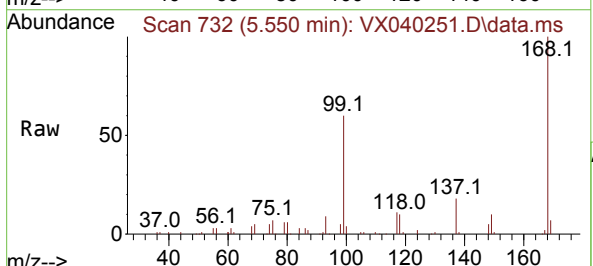
Tgt Ion: 56 Resp: 1802

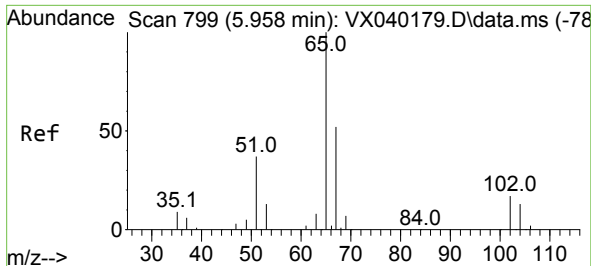
Ion Ratio Lower Upper

56 100

69 163.6 23.4 35.2#

84 89.1 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 45.509 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040251.D

Acq: 15 Feb 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

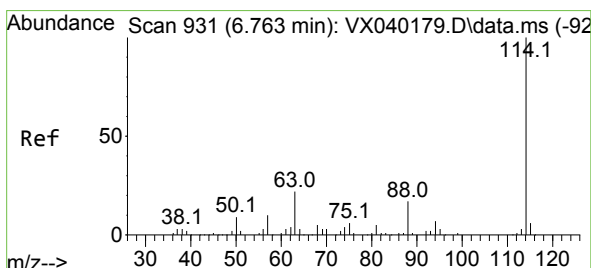
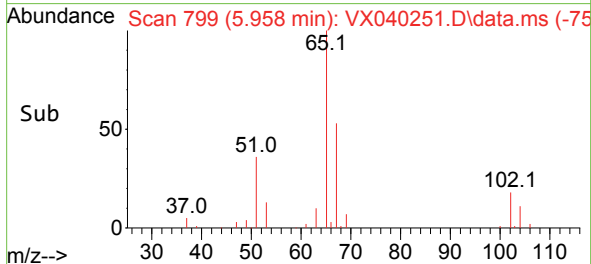
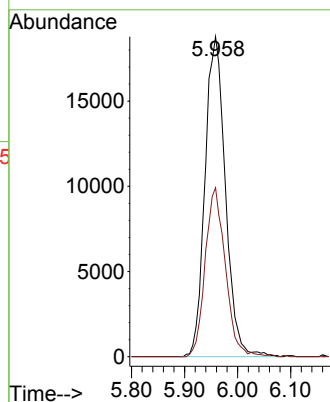
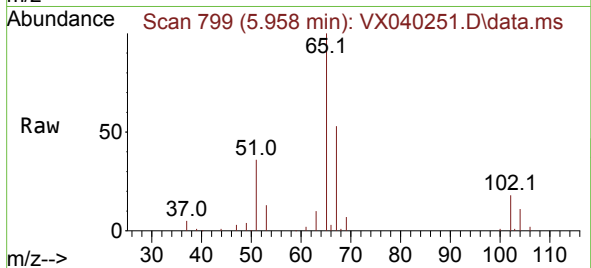
30985

Tgt Ion: 65 Resp: 50219

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX040251.D

Acq: 15 Feb 2024 14:51

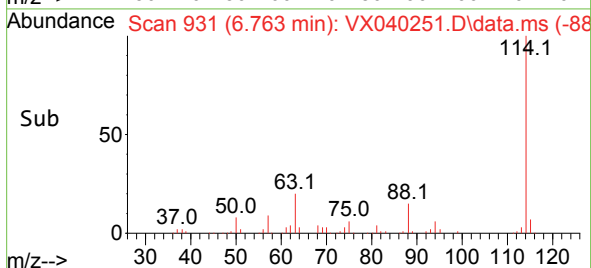
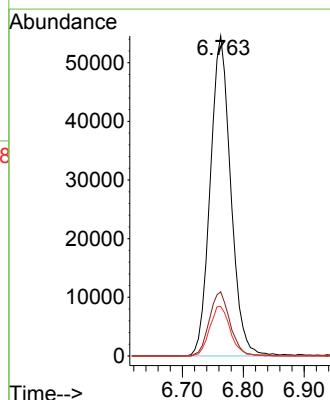
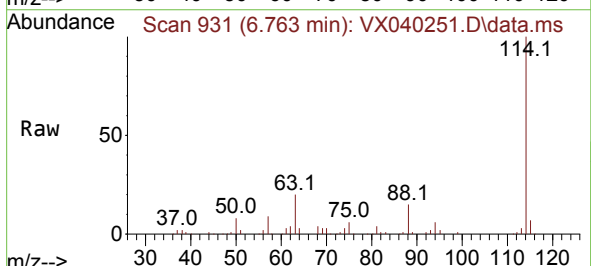
Tgt Ion: 114 Resp: 127556

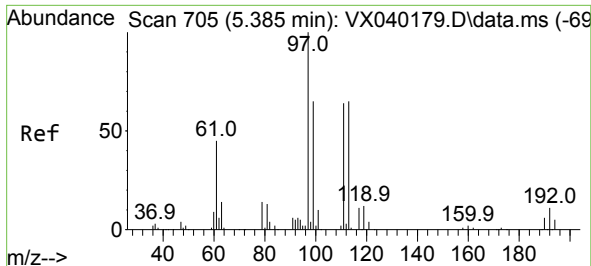
Ion Ratio Lower Upper

114 100

63 20.0 0.0 45.0

88 15.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.746 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040251.D

Acq: 15 Feb 2024 14:51

Instrument :

MSVOA_X

ClientSampleId :

30985

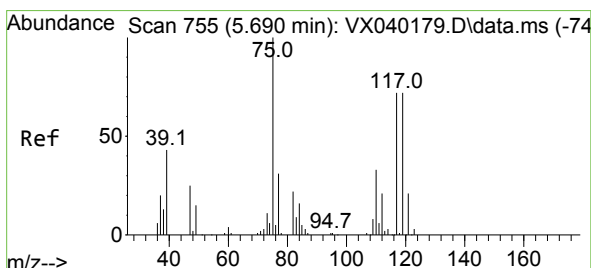
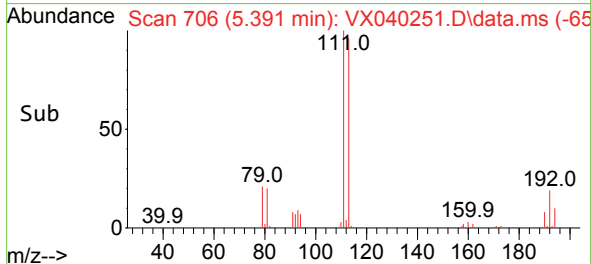
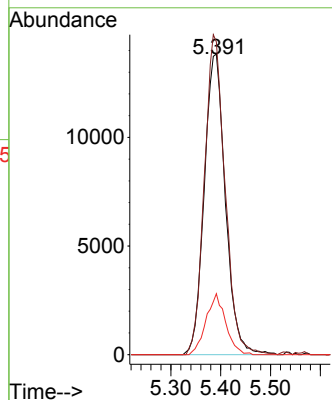
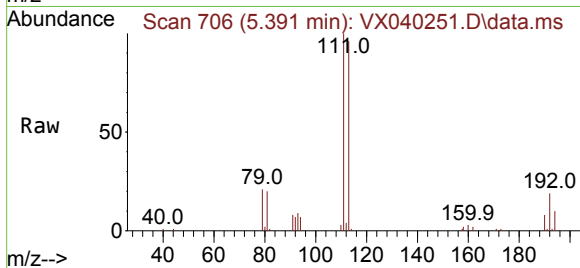
Tgt Ion:113 Resp: 40750

Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

192 18.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.596 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX040251.D

Acq: 15 Feb 2024 14:51

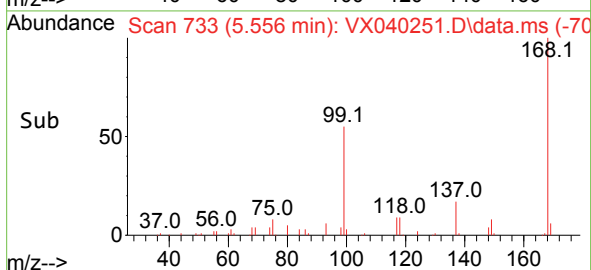
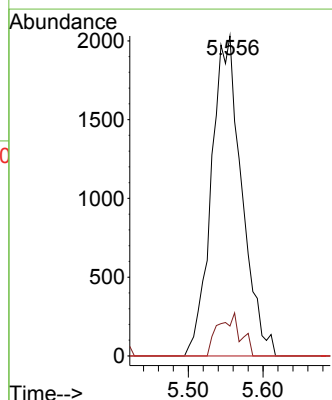
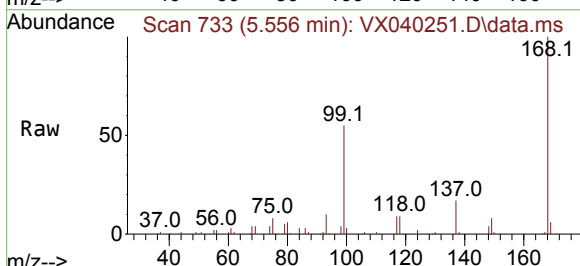
Tgt Ion: 75 Resp: 5735

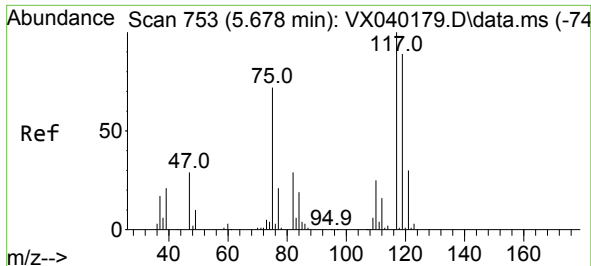
Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

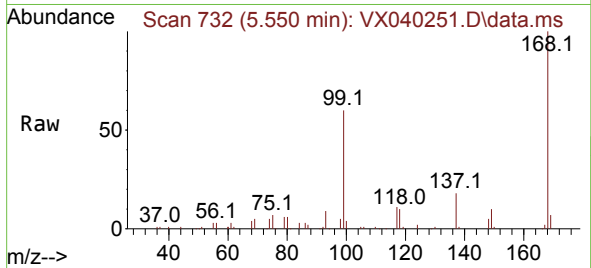
77 0.0 24.7 37.1#



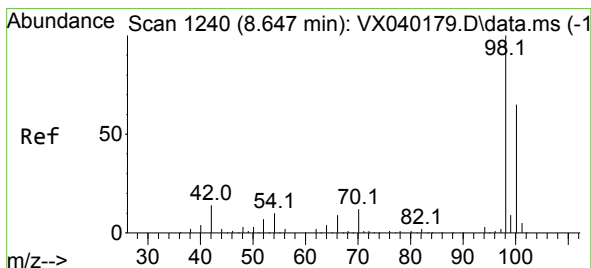
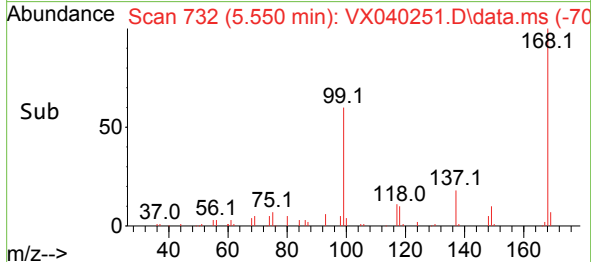
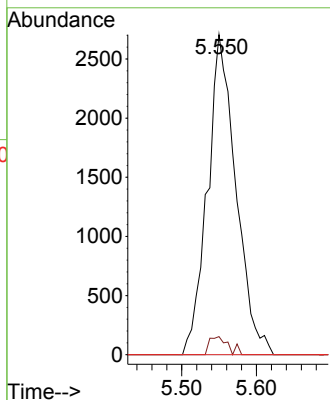


#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Instrument :
MSVOA_X
ClientSampleId :
30985

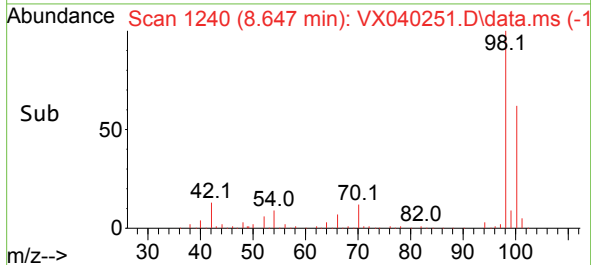
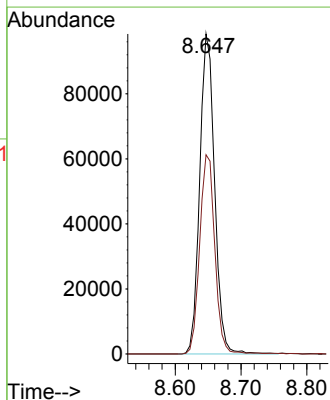
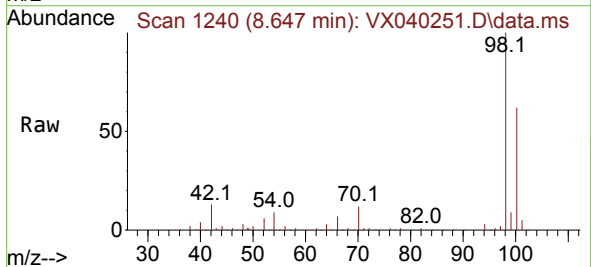


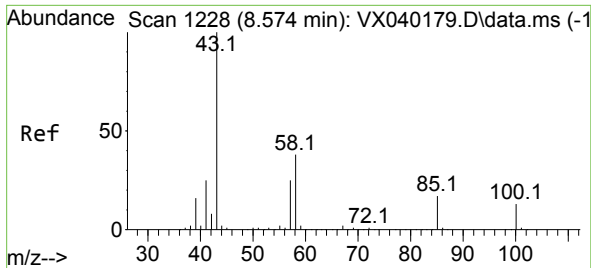
Tgt Ion:117 Resp: 7182
Ion Ratio Lower Upper
117 100
119 5.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.465 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion: 98 Resp: 154828
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

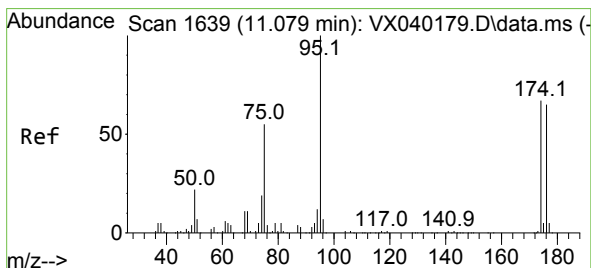
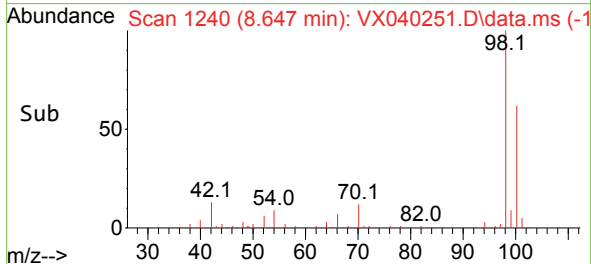
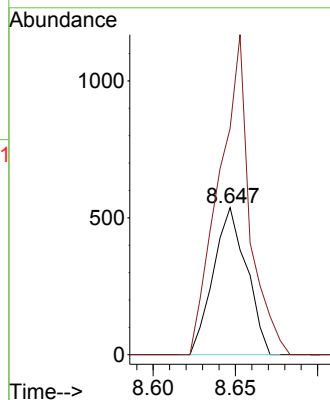
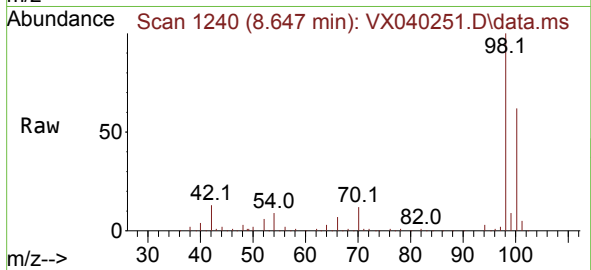




#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

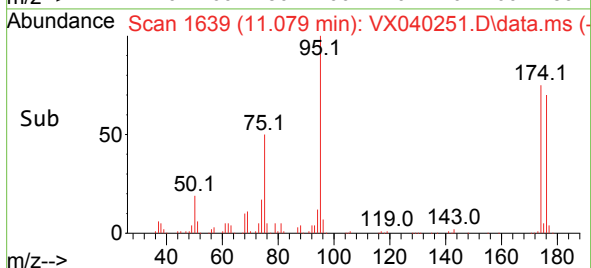
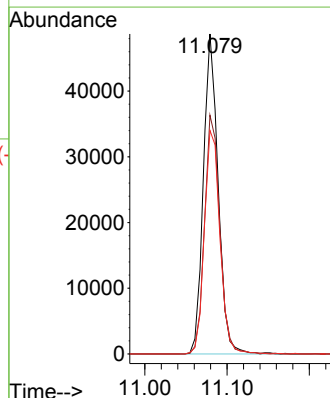
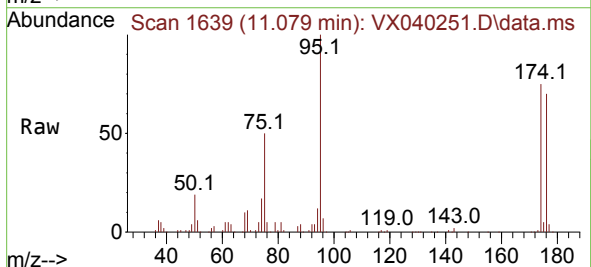
Instrument :
MSVOA_X
ClientSampleId :
30985

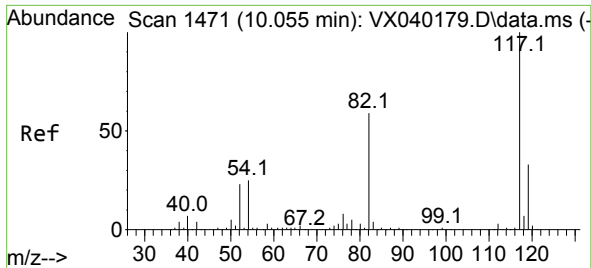
Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
58 201.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.683 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion: 95 Resp: 60723
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 73.8 0.0 131.0

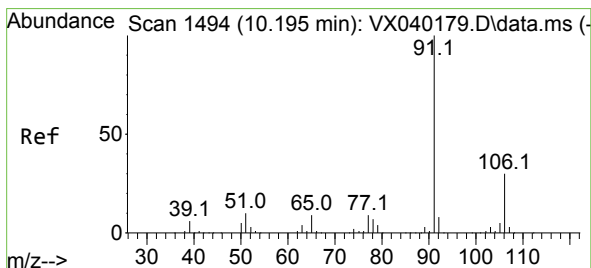
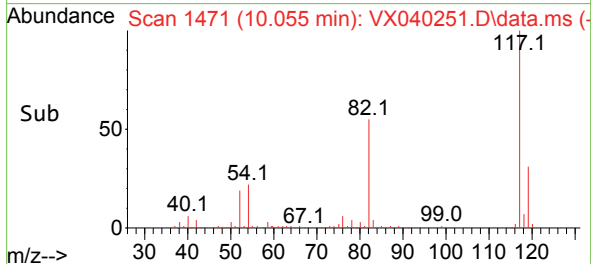
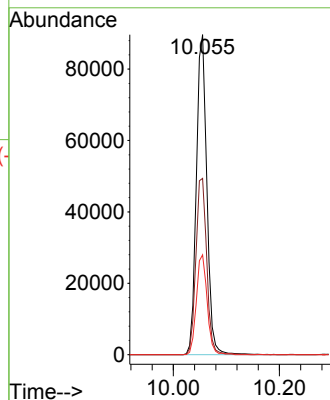
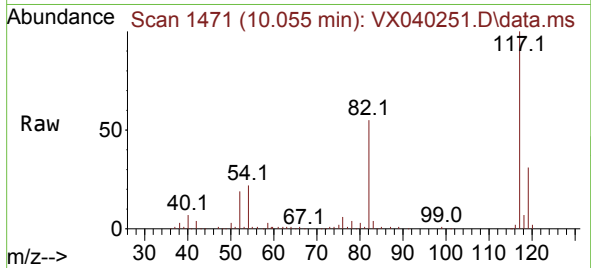




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

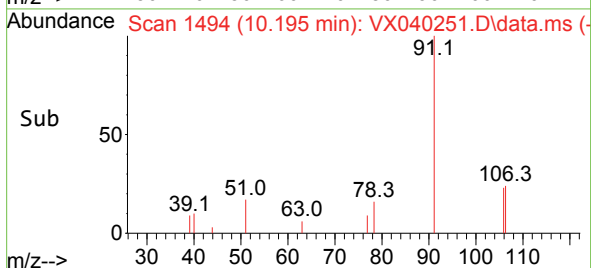
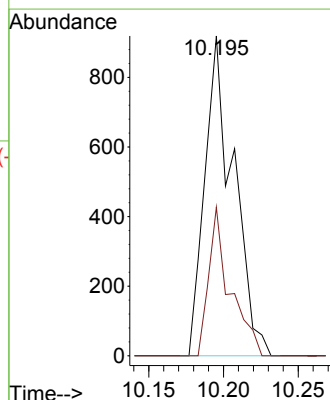
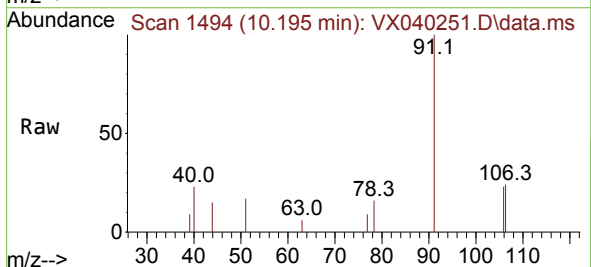
Instrument :
MSVOA_X
ClientSampleId :
30985

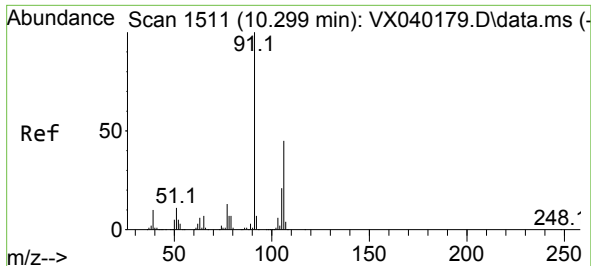
Tgt Ion:117 Resp: 123065
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.2 25.5 38.3



#67
Ethyl Benzene
Concen: 0.268 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion: 91 Resp: 1226
Ion Ratio Lower Upper
91 100
106 46.5 24.9 37.3#

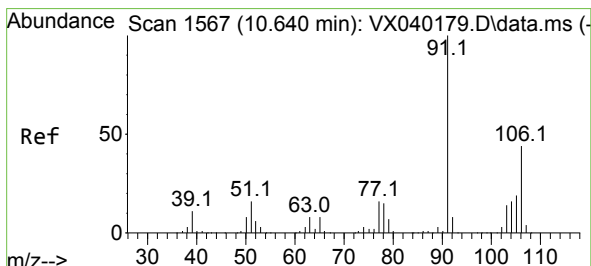
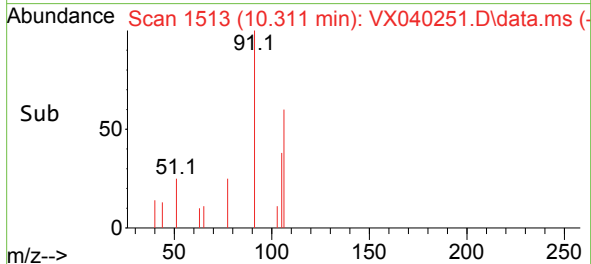
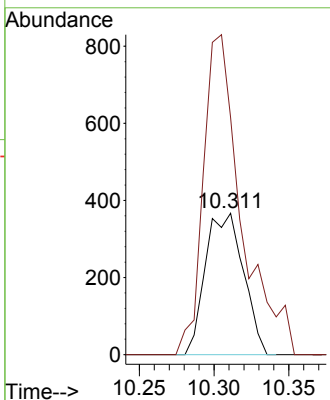
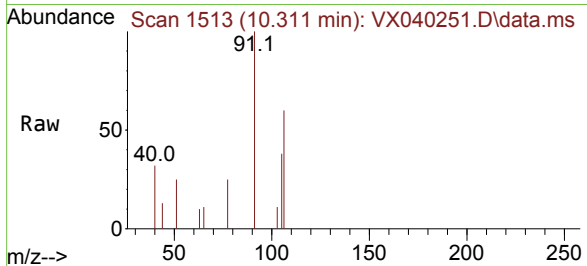




#68
m/p-Xylenes
Concen: 0.375 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

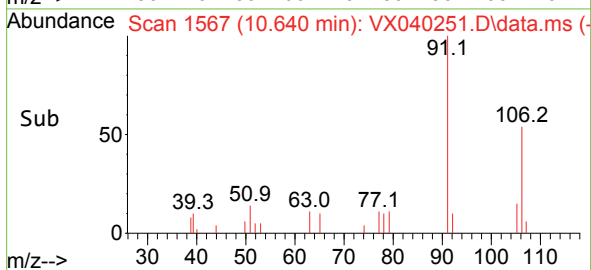
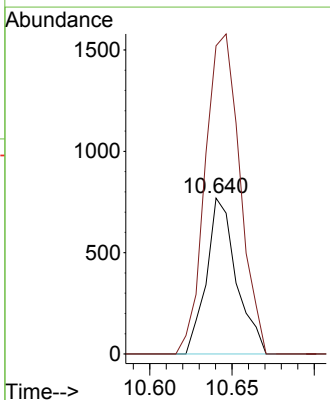
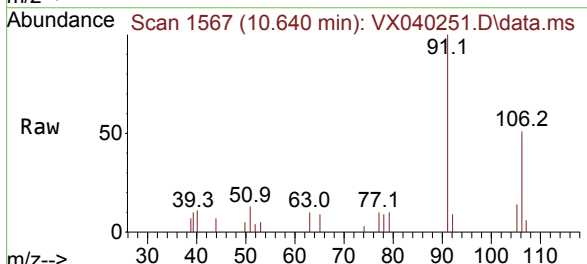
Instrument :
MSVOA_X
ClientSampleId :
30985

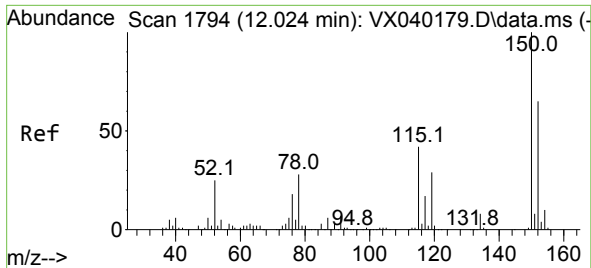
Tgt Ion:106 Resp: 648
Ion Ratio Lower Upper
106 100
91 227.2 165.5 248.3



#69
o-Xylene
Concen: 0.578 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX040251.D
Acq: 15 Feb 2024 14:51

Tgt Ion:106 Resp: 971
Ion Ratio Lower Upper
106 100
91 239.2 108.9 326.8

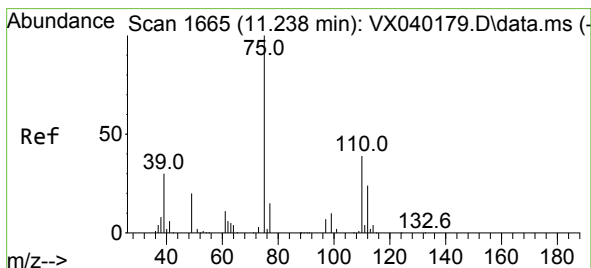
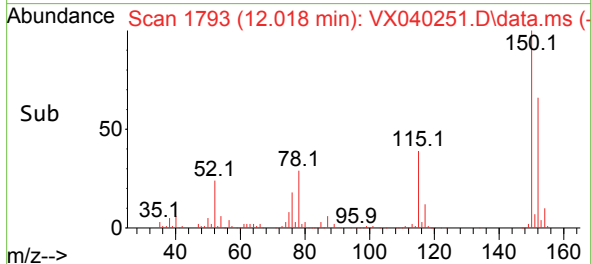
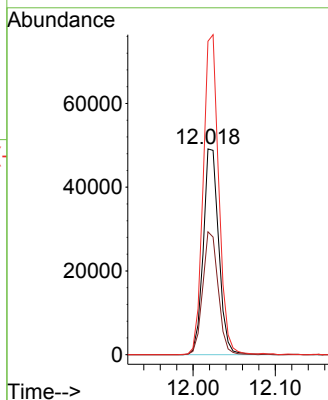
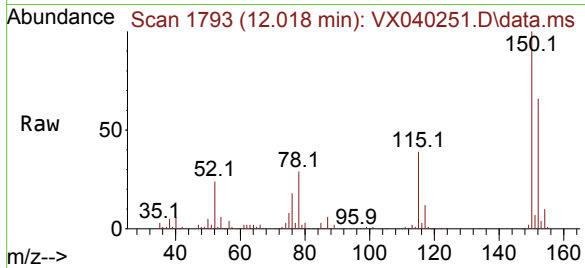




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX040251.D
 Acq: 15 Feb 2024 14:51

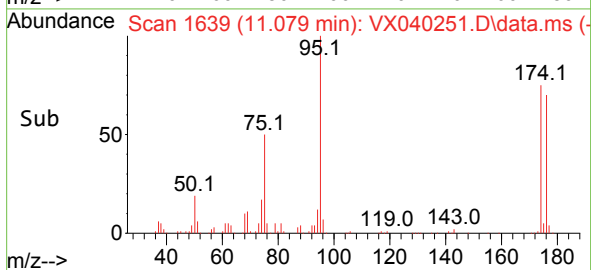
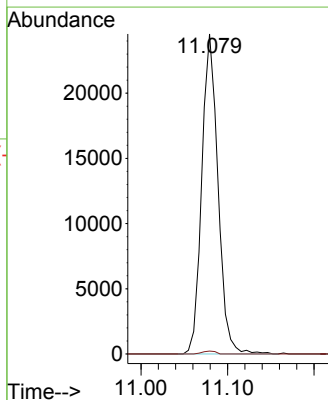
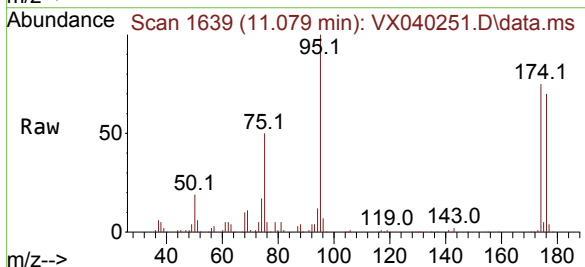
Instrument :
 MSVOA_X
 ClientSampleId :
 30985

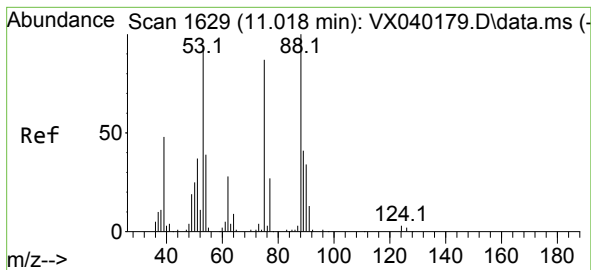
Tgt Ion:152 Resp: 64224
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 156.2 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.522 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040251.D
 Acq: 15 Feb 2024 14:51

Tgt Ion: 75 Resp: 31892
 Ion Ratio Lower Upper
 75 100
 77 0.7 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.521 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040251.D
 Acq: 15 Feb 2024 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 30985

Tgt Ion: 75 Resp: 31892
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

