

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040272.D
 Acq On : 16 Feb 2024 12:50
 Operator : JC/MD
 Sample : P1507-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20240214

Quant Time: Feb 17 01:34:05 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)

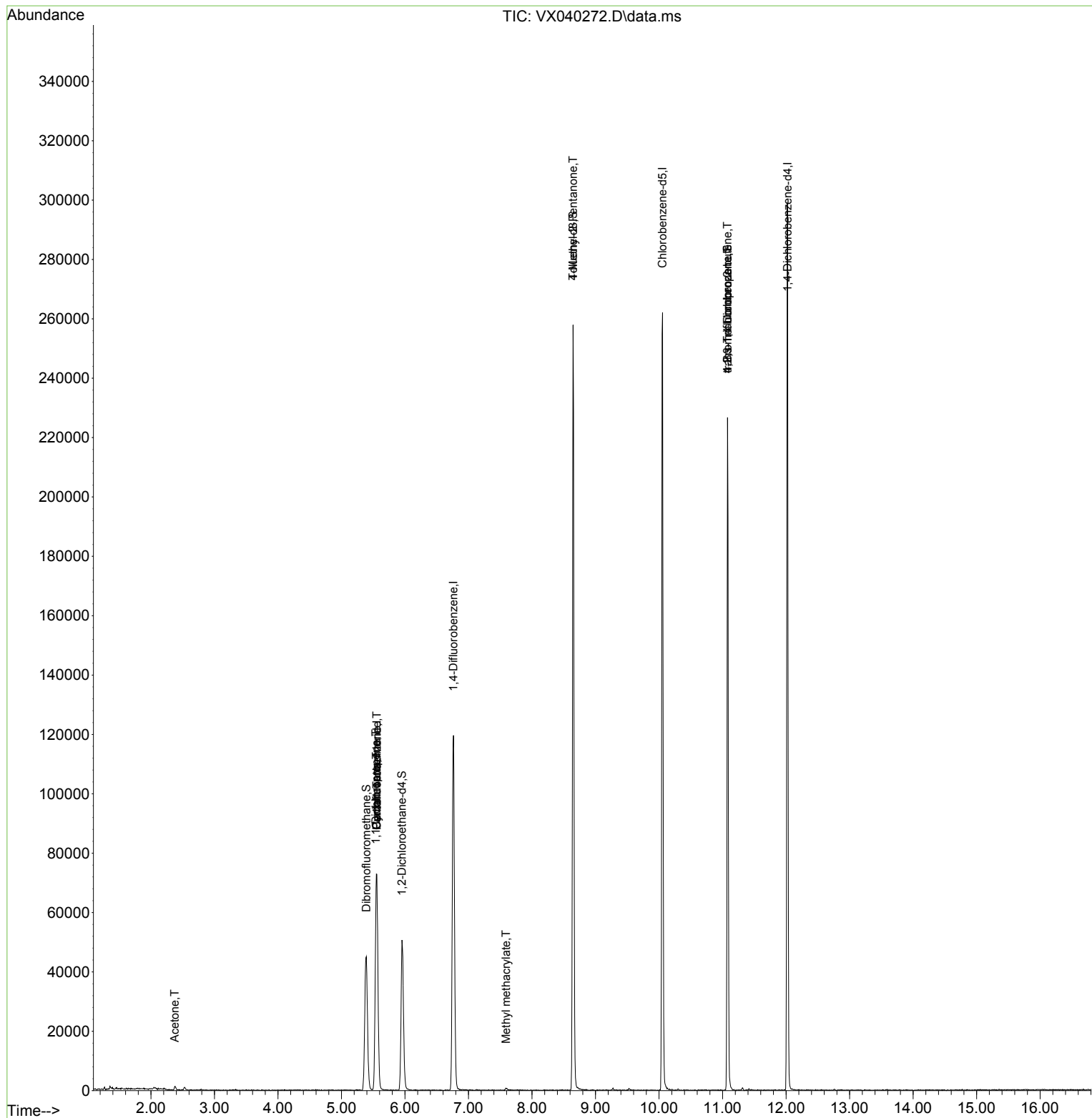
Internal Standards						
1) Pentafluorobenzene	5.556	168	70199	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	123119	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48682	46.614	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.220%
35) Dibromofluoromethane	5.391	113	40897	47.566	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.646	98	149969	46.629	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.260%
62) 4-Bromofluorobenzene	11.079	95	60566	46.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.340%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1394	3.250	ug/l #	82
20) Methylene Chloride	2.788	84	81	Below Cal	#	65
31) Cyclohexane	5.549	56	1732	1.390	ug/l #	45
36) 1,1-Dichloropropene	5.543	75	5907	4.904	ug/l #	49
38) Carbon Tetrachloride	5.556	117	7244	6.326	ug/l #	15
48) Methyl methacrylate	7.592	41	267	0.249	ug/l #	51
51) 4-Methyl-2-Pentanone	8.646	43	801	0.561	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31570	24.628	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31570	67.797	ug/l #	5

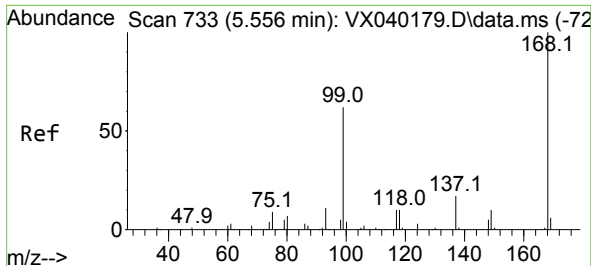
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX040272.D

Acq: 16 Feb 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

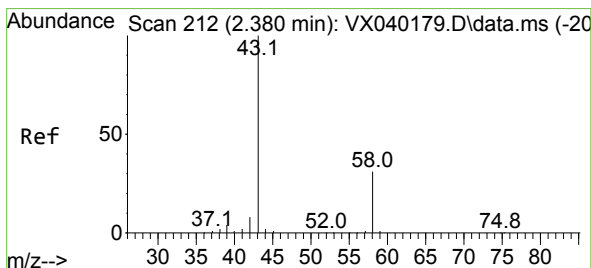
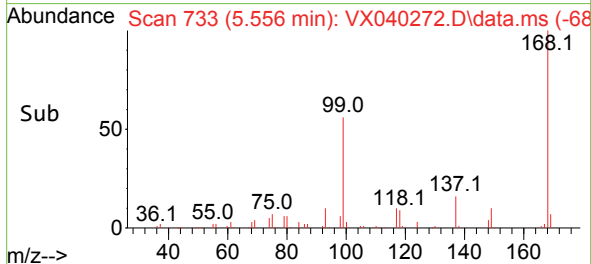
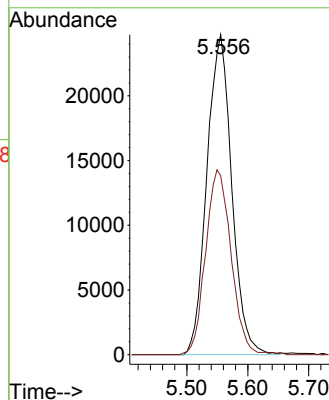
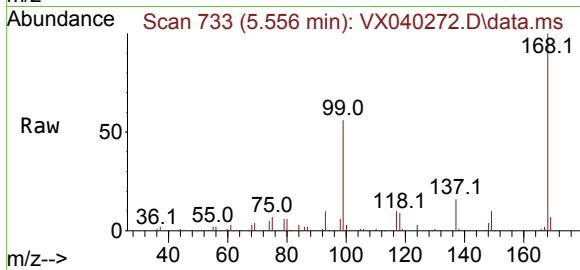
FB01-20240214

Tgt Ion:168 Resp: 70199

Ion Ratio Lower Upper

168 100

99 55.9 56.6 85.0#



#16

Acetone

Concen: 3.250 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX040272.D

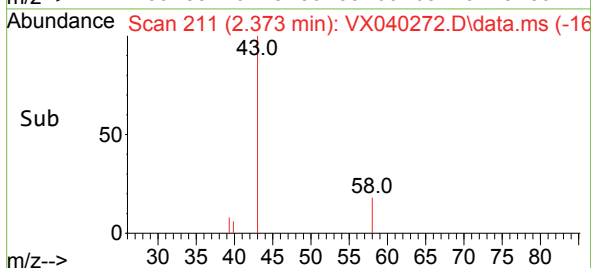
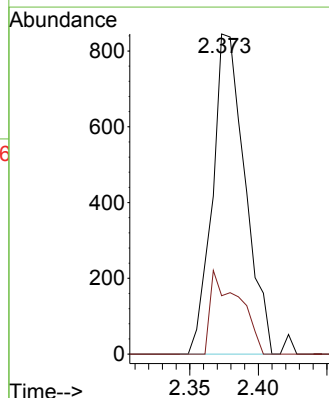
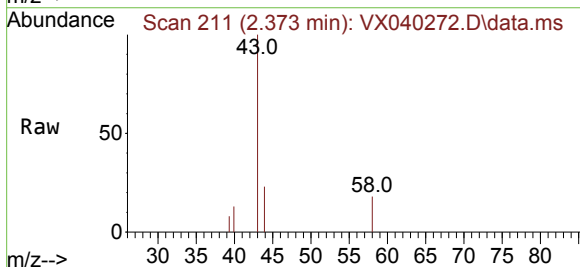
Acq: 16 Feb 2024 12:50

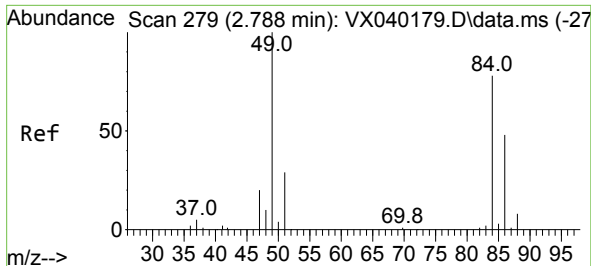
Tgt Ion: 43 Resp: 1394

Ion Ratio Lower Upper

43 100

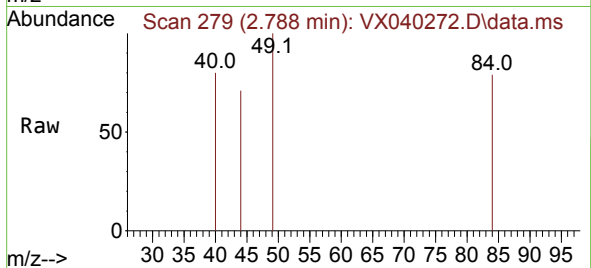
58 18.2 21.9 32.9#



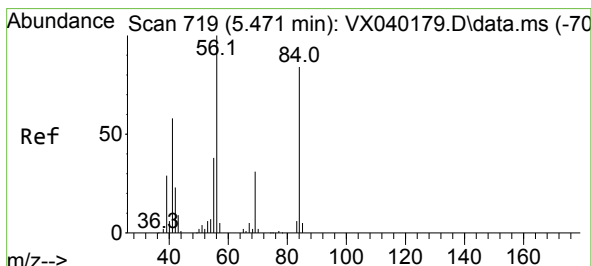
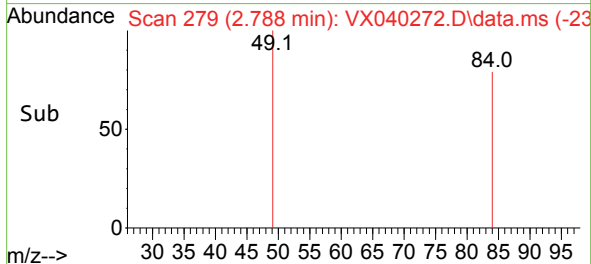
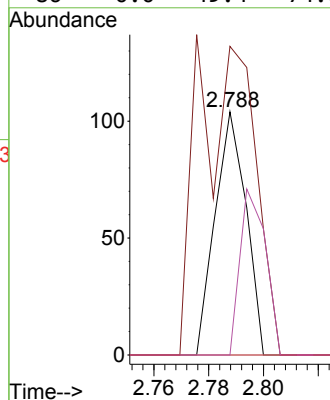


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
FB01-20240214

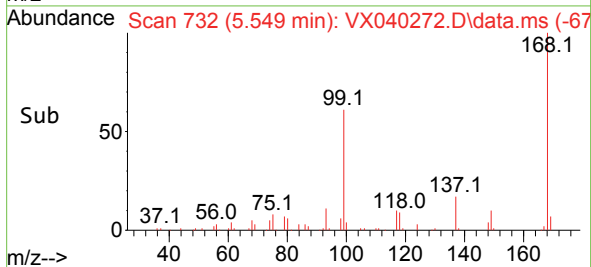
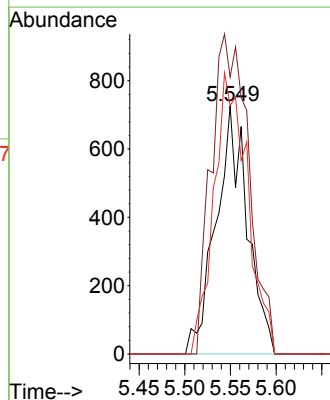
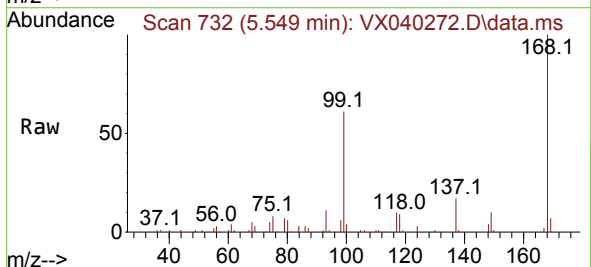


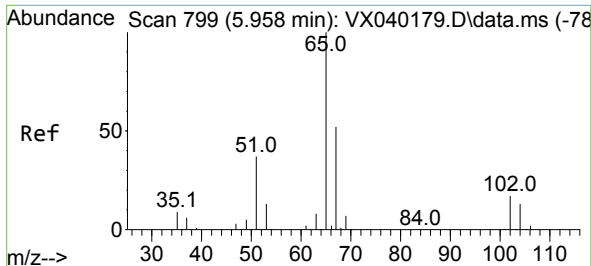
Tgt Ion: 84	Resp: 81
Ion Ratio	Lower Upper
84 100	
49 126.9	103.6 155.4
51 0.0	33.8 50.6#
86 0.0	49.4 74.0#



#31
Cyclohexane
Concen: 1.390 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 56	Resp: 1732
Ion Ratio	Lower Upper
56 100	
69 111.6	23.4 35.2#
84 100.0	65.9 98.9#

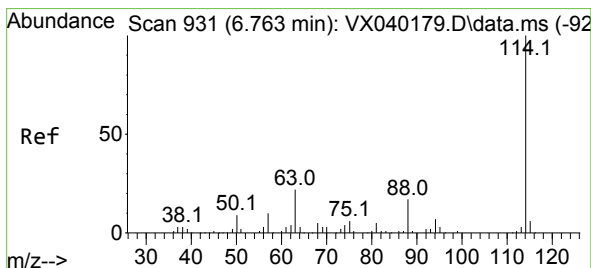
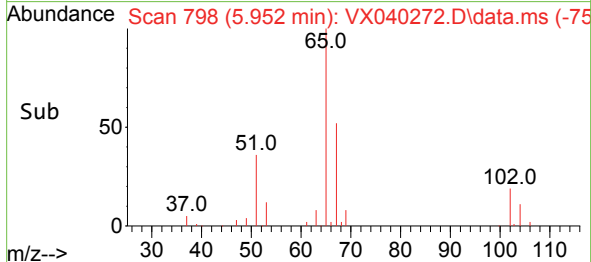
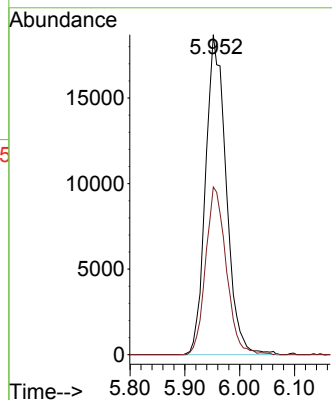
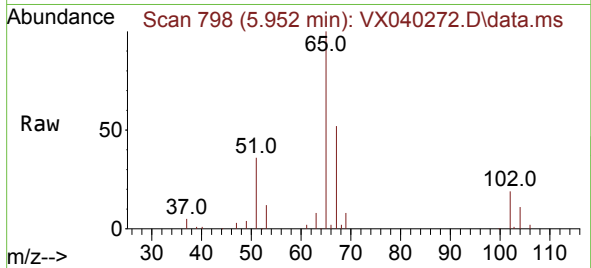




#33
 1,2-Dichloroethane-d4
 Concen: 46.614 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX040272.D
 Acq: 16 Feb 2024 12:50

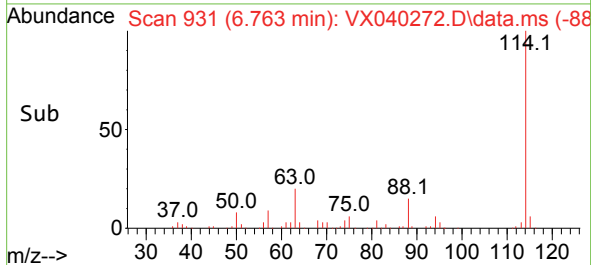
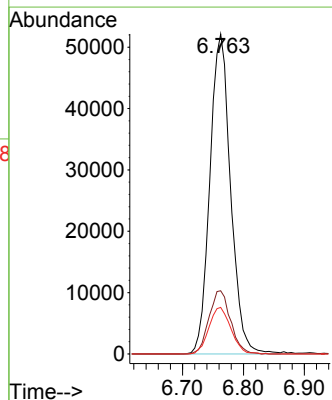
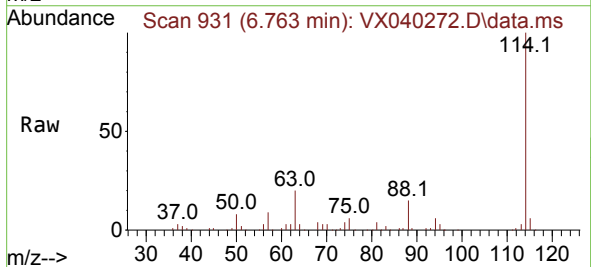
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20240214

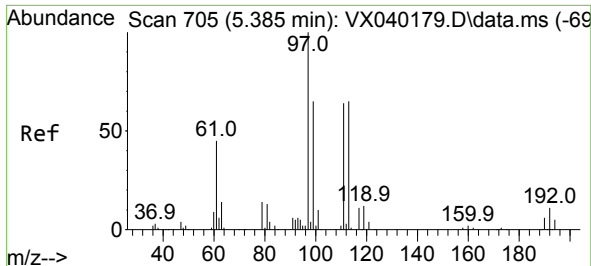
Tgt Ion: 65 Resp: 48682
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX040272.D
 Acq: 16 Feb 2024 12:50

Tgt Ion: 114 Resp: 123119
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 14.5 0.0 36.6

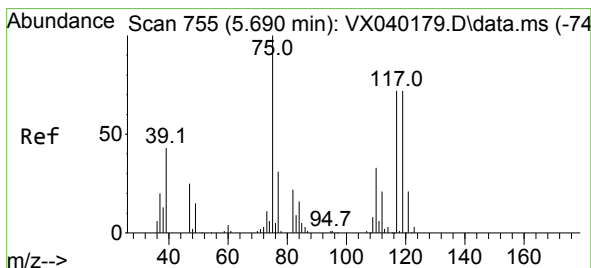
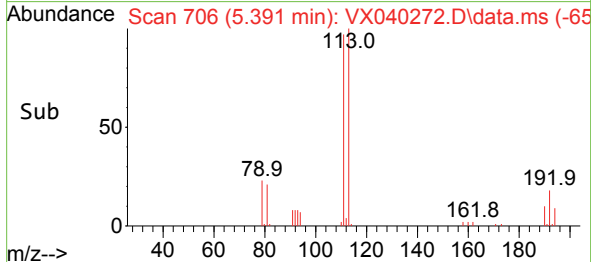
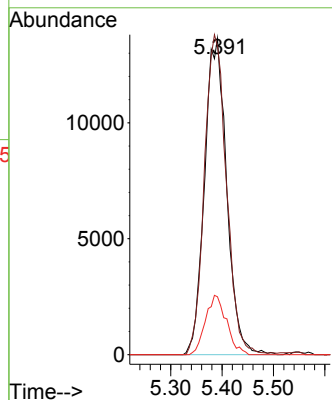
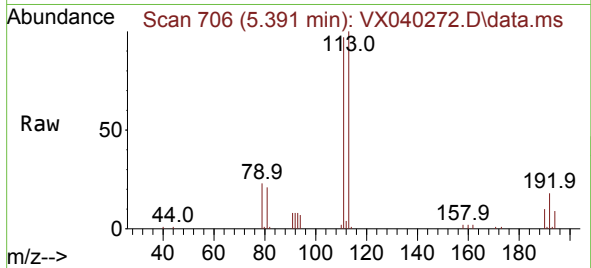




#35
Dibromofluoromethane
Concen: 47.566 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

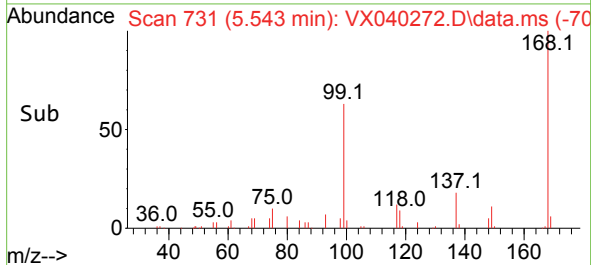
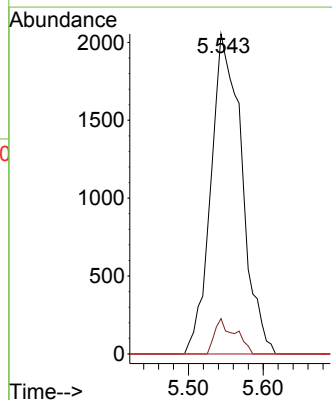
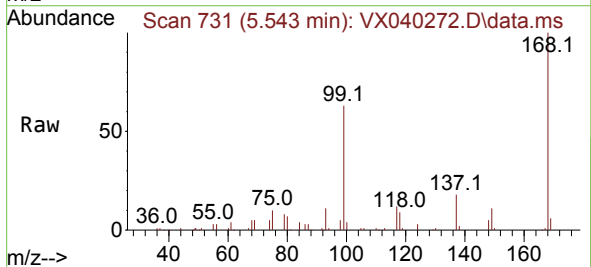
Instrument :
MSVOA_X
ClientSampleId :
FB01-20240214

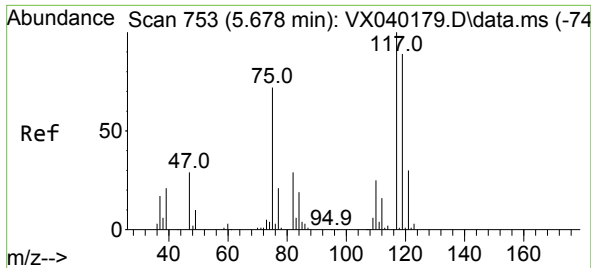
Tgt Ion:113 Resp: 40897
Ion Ratio Lower Upper
113 100
111 100.5 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.904 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.153 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

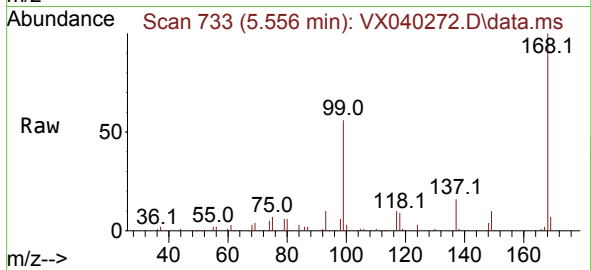
Tgt Ion: 75 Resp: 5907
Ion Ratio Lower Upper
75 100
110 7.2 17.0 50.9#
77 0.0 24.7 37.1#



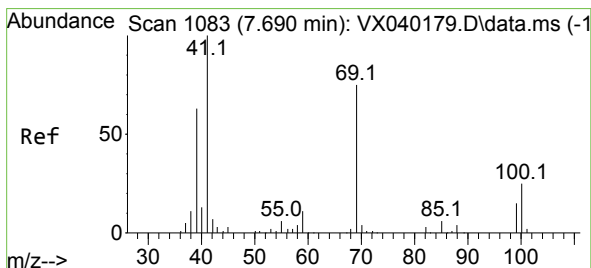
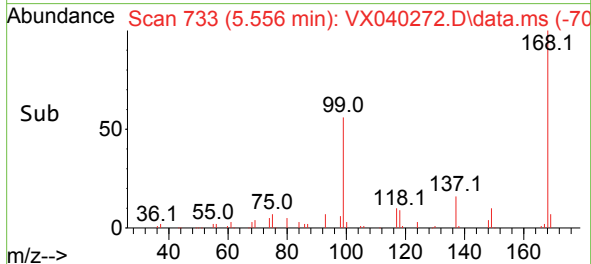
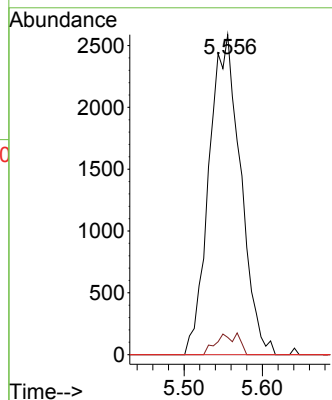


#38
Carbon Tetrachloride
Concen: 6.326 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
FB01-20240214

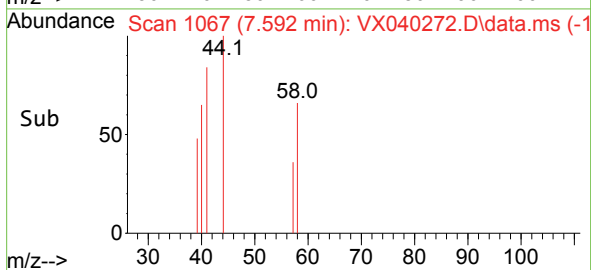
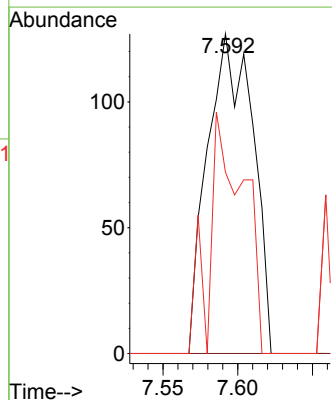
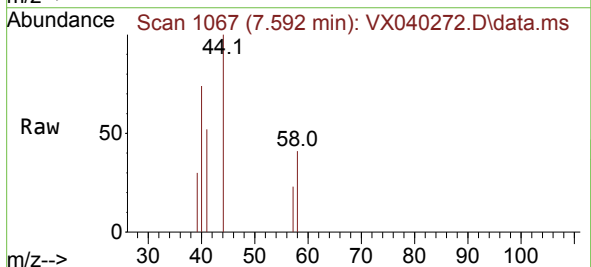


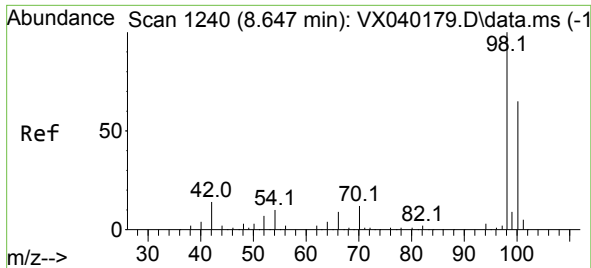
Tgt Ion:117 Resp: 7244
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 0.249 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. -0.104 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 41 Resp: 267
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 58.1 47.7 71.5

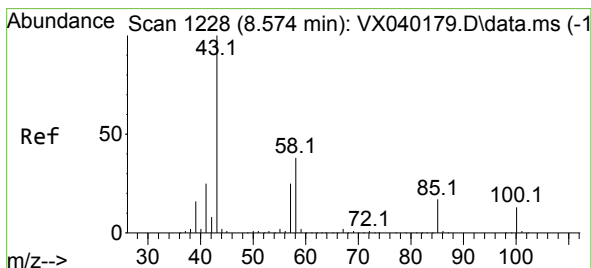
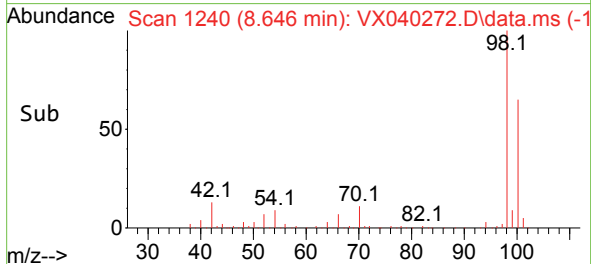
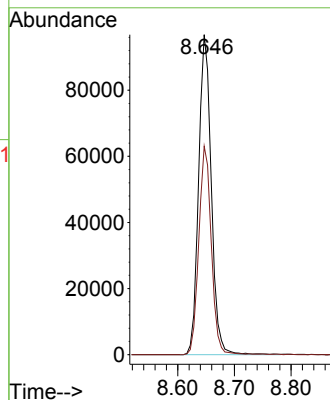
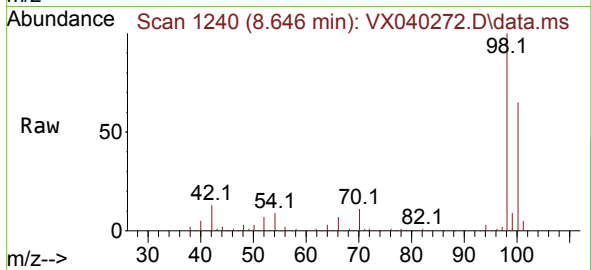




#50
Toluene-d8
Concen: 46.629 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

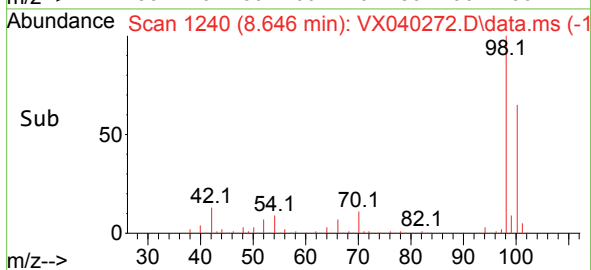
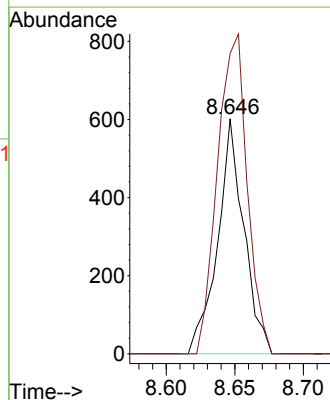
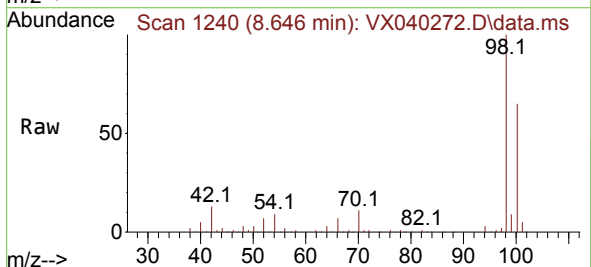
Instrument :
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ClientSampleId :
FB01-20240214

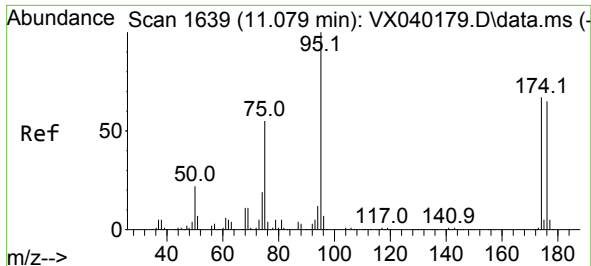
Tgt Ion: 98 Resp: 149969
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 154.4 30.4 45.6#

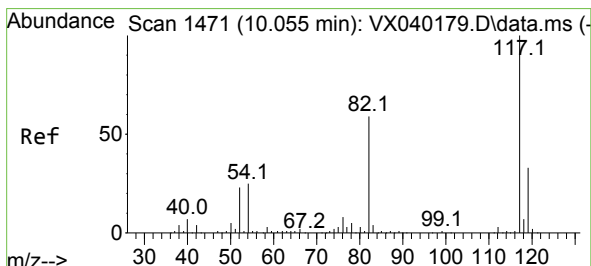
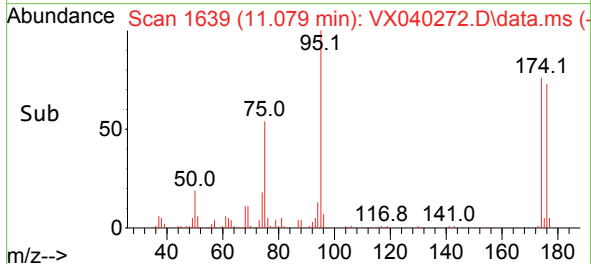
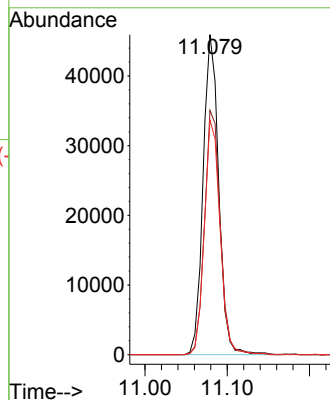
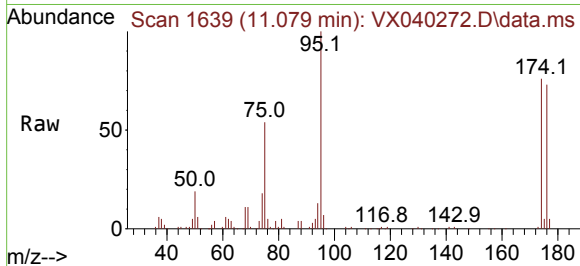




#62
4-Bromofluorobenzene
Concen: 46.173 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

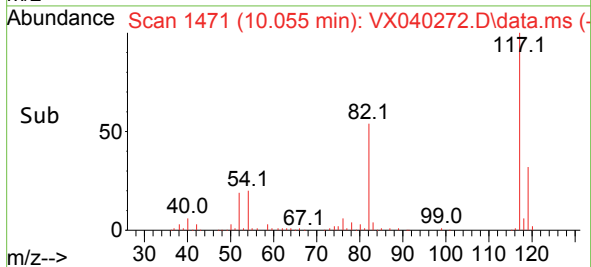
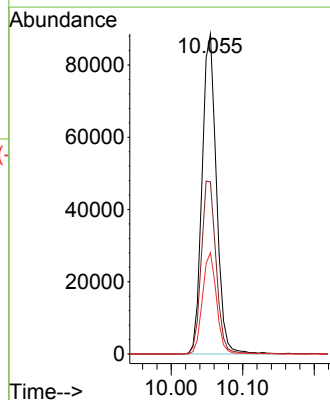
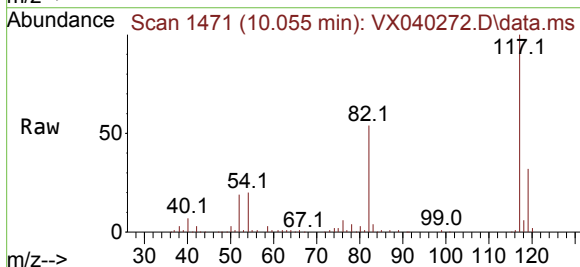
Instrument :
MSVOA_X
ClientSampleId :
FB01-20240214

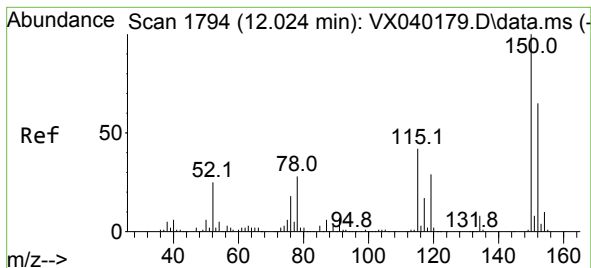
Tgt Ion: 95 Resp: 60566
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 73.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 117 Resp: 123591
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.6 25.5 38.3

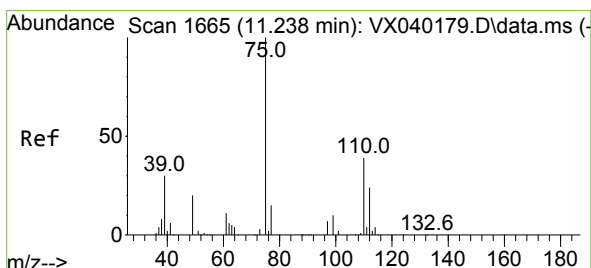
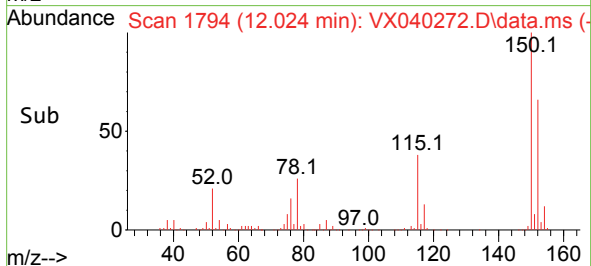
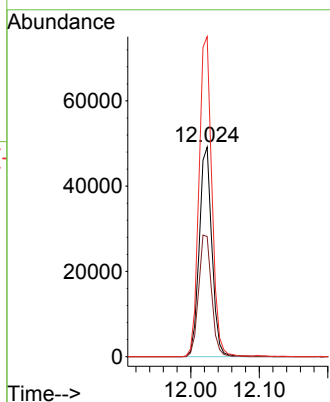
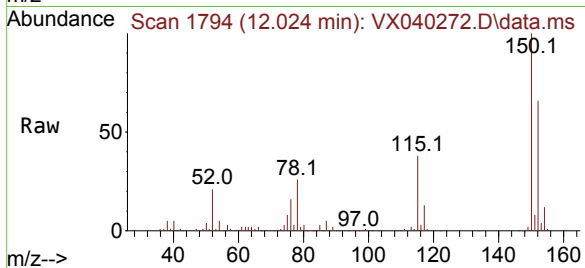




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

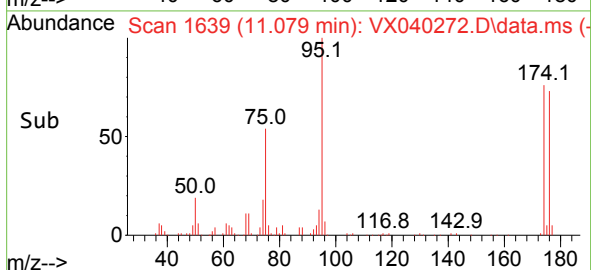
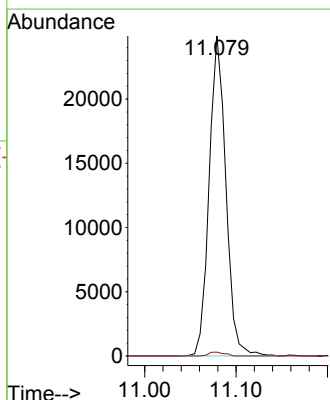
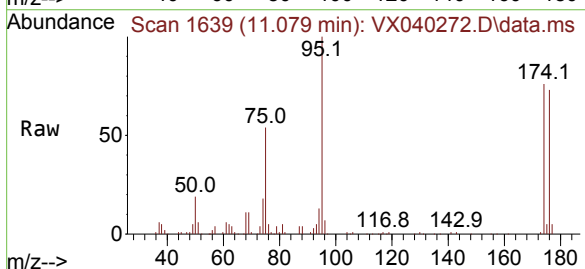
Instrument :
MSVOA_X
ClientSampleId :
FB01-20240214

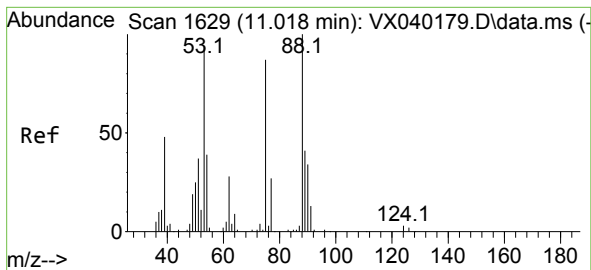
Tgt Ion:152 Resp: 63302
Ion Ratio Lower Upper
152 100
115 59.4 43.3 129.9
150 155.4 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.628 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040272.D
Acq: 16 Feb 2024 12:50

Tgt Ion: 75 Resp: 31570
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.797 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX040272.D
 Acq: 16 Feb 2024 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20240214

Tgt Ion: 75 Resp: 31570
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

