

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042143.D
 Acq On : 02 Jul 2024 16:31
 Operator : JC/MD
 Sample : P3119-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-20240627

Quant Time: Jul 03 03:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

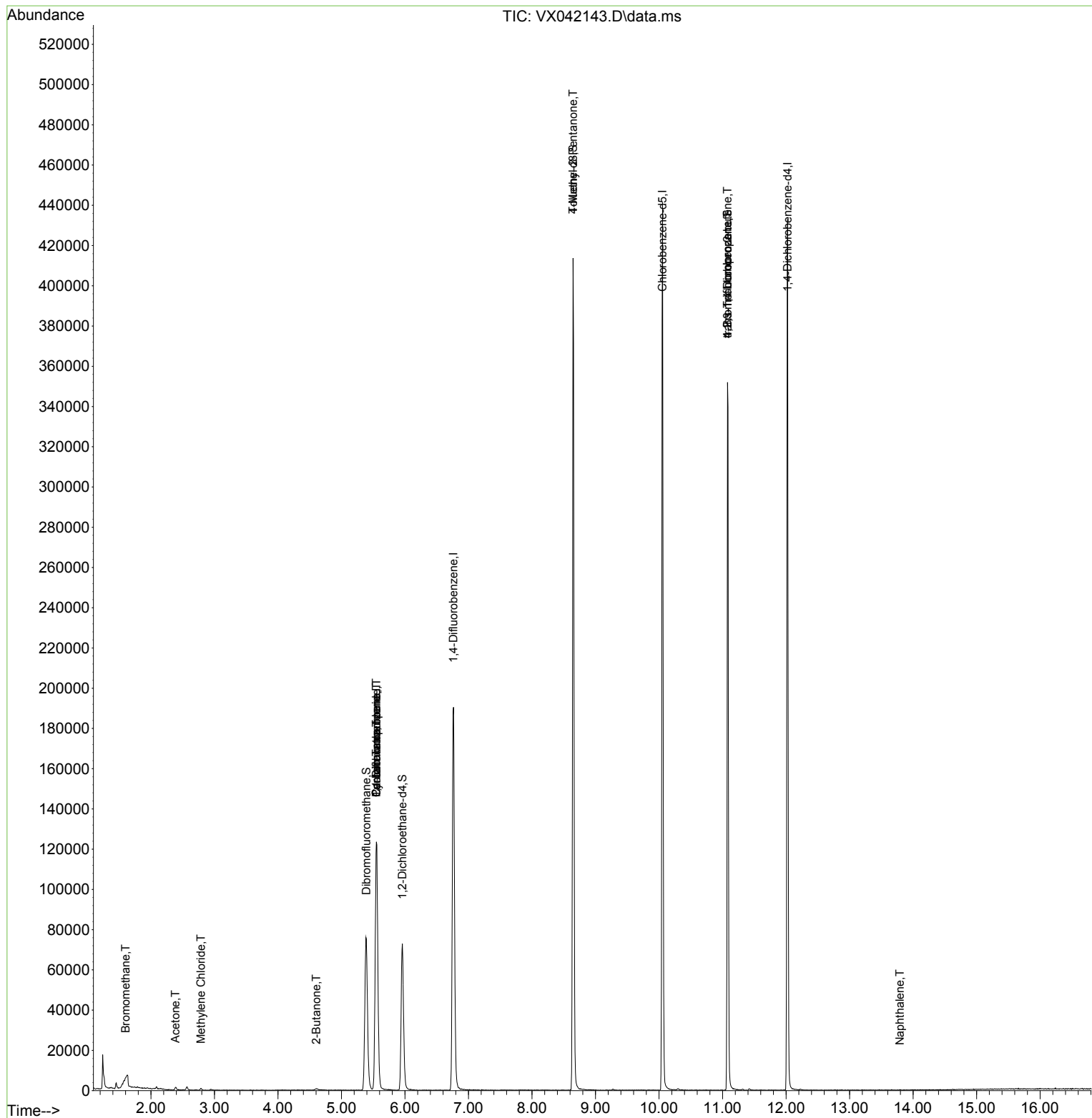
Internal Standards						
1) Pentafluorobenzene	5.550	168	139625	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	214595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69294	43.038	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.080%
35) Dibromofluoromethane	5.391	113	67945	44.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.240%
50) Toluene-d8	8.647	98	251999	47.110	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.220%
62) 4-Bromofluorobenzene	11.079	95	95527	48.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	222	0.336	ug/l	# 66
6) Chloroethane	1.654	64	104	Below Cal		# 43
16) Acetone	2.385	43	1608	2.274	ug/l	91
20) Methylene Chloride	2.788	84	505	0.326	ug/l	# 79
25) 2-Butanone	4.605	43	1780	1.618	ug/l	91
31) Cyclohexane	5.550	56	1900	1.009	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8104	5.012	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11438	6.402	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	892	0.401	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	43124	22.212	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43124	63.079	ug/l	# 5
95) Naphthalene	13.792	128	170	0.770	ug/l	# 69

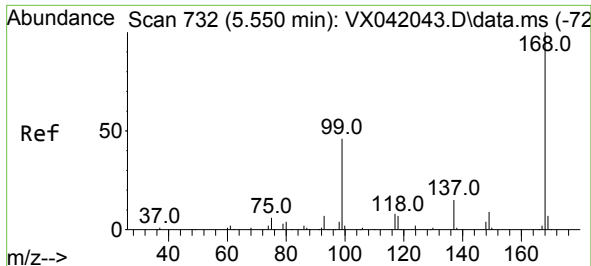
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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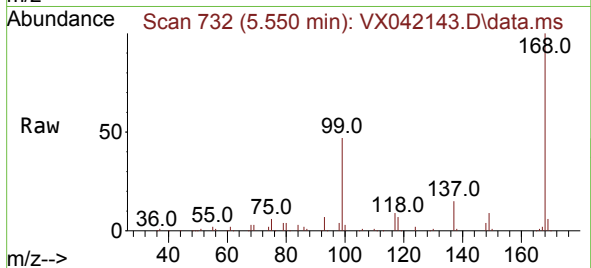
Quant Time: Jul 03 03:36:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



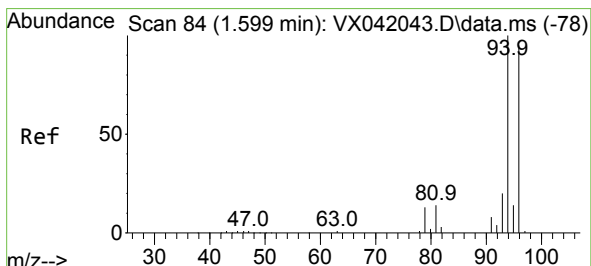
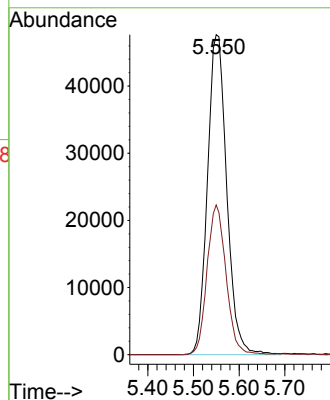
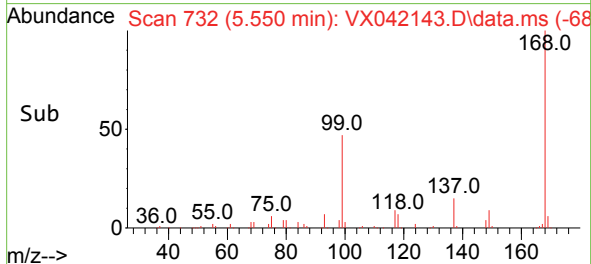


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
FB-20240627

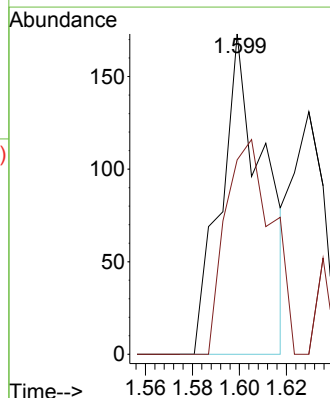
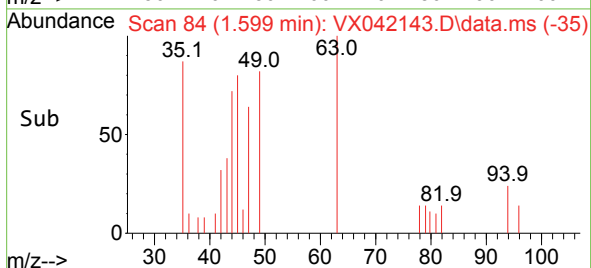
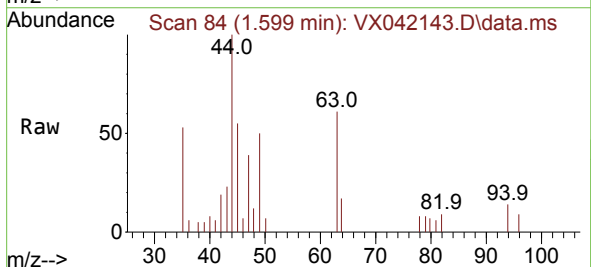


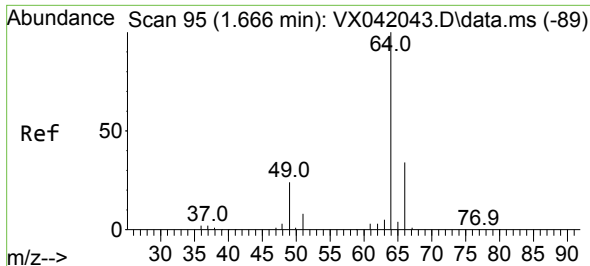
Tgt Ion:168 Resp: 139625
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0#



#5
Bromomethane
Concen: 0.336 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

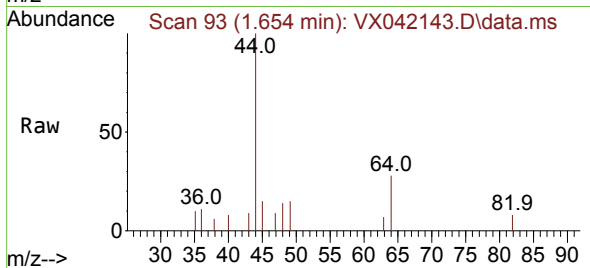
Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 60.7 74.6 111.8#



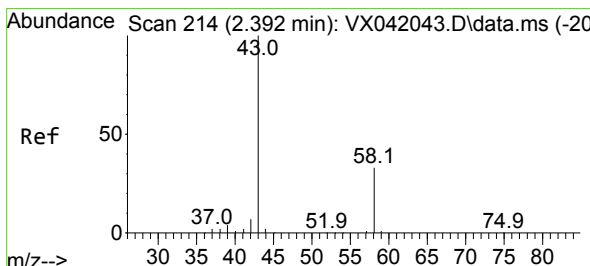
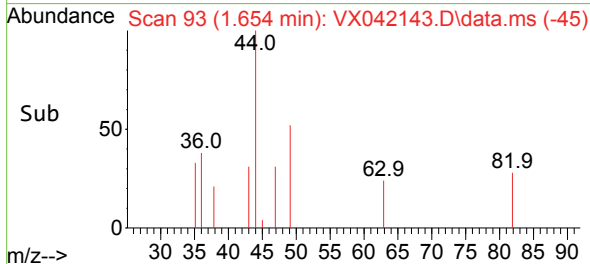
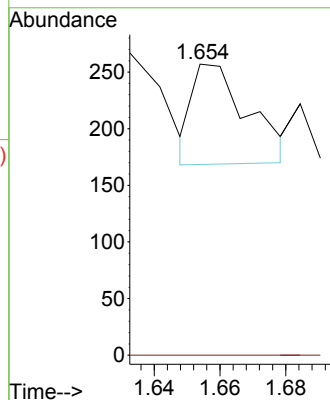


#6
Chloroethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
FB-20240627

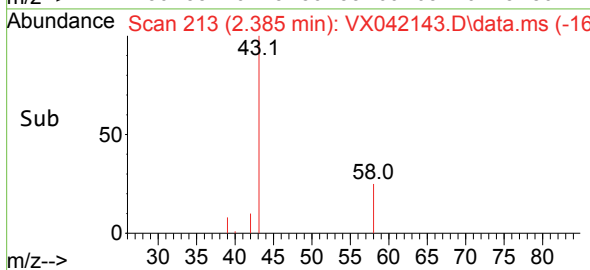
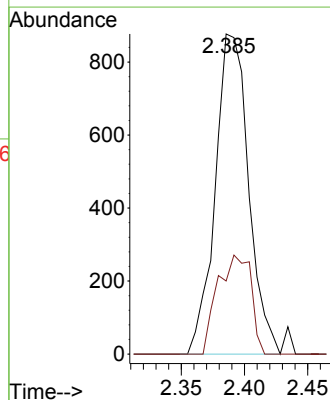
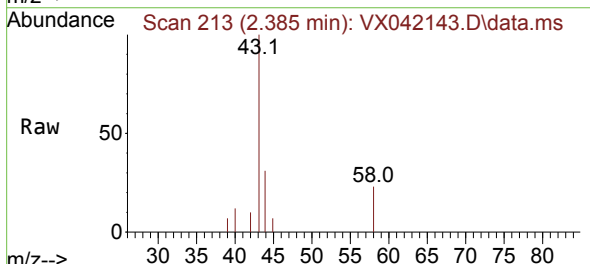


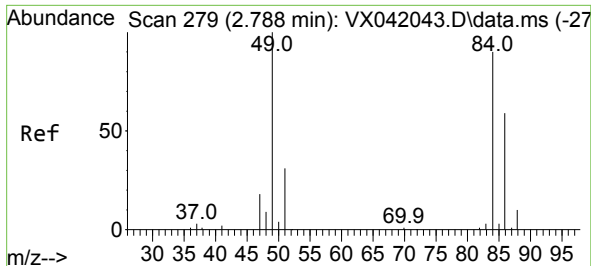
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 2.274 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
58 22.8 21.9 32.9





#20

Methylene Chloride

Concen: 0.326 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042143.D

Acq: 02 Jul 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

FB-20240627

Tgt Ion: 84 Resp: 505

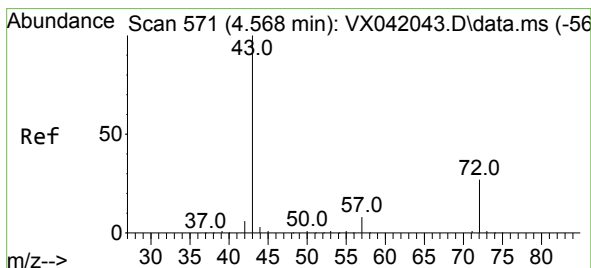
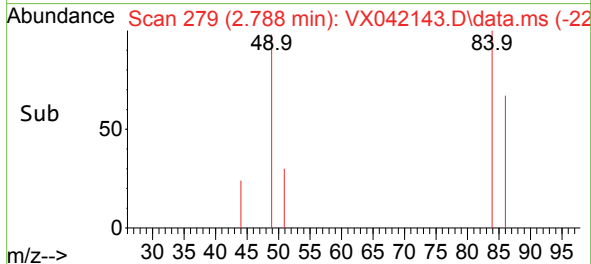
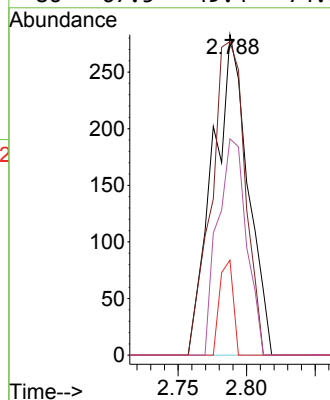
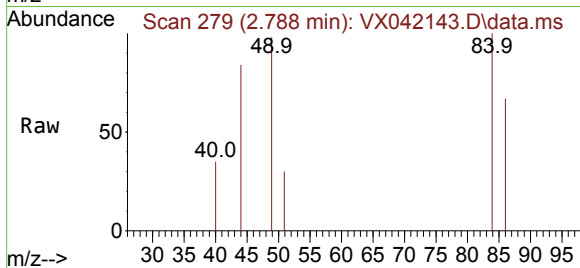
Ion Ratio Lower Upper

84 100

49 97.9 103.6 155.4#

51 29.7 33.8 50.6#

86 67.5 49.4 74.0



#25

2-Butanone

Concen: 1.618 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.030 min

Lab File: VX042143.D

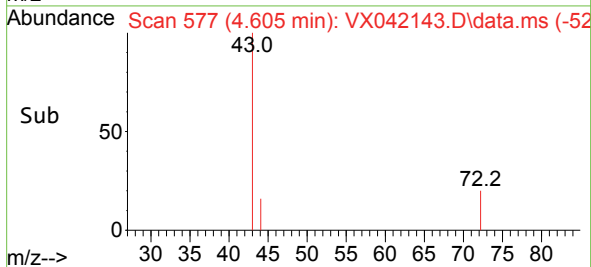
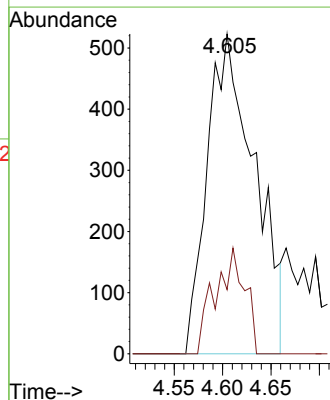
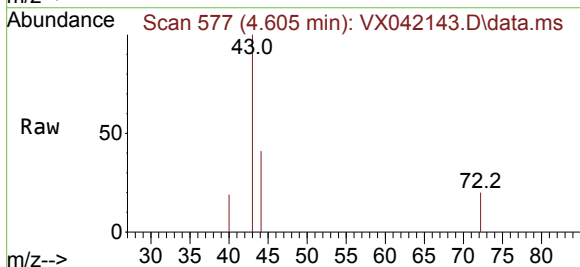
Acq: 02 Jul 2024 16:31

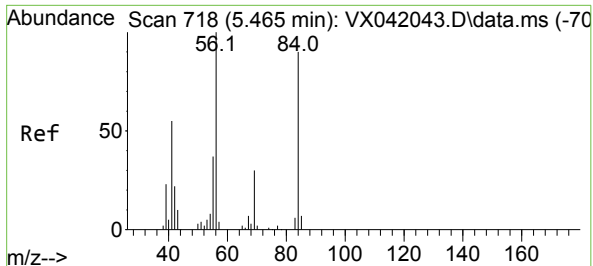
Tgt Ion: 43 Resp: 1780

Ion Ratio Lower Upper

43 100

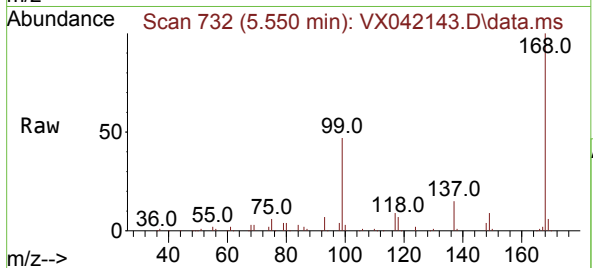
72 20.1 19.4 29.2



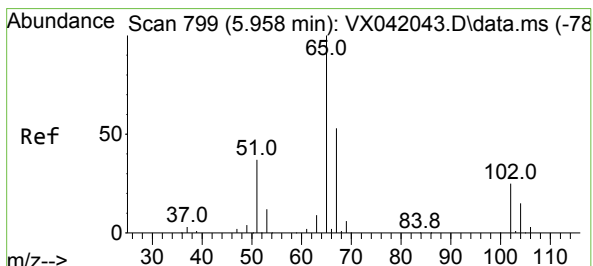
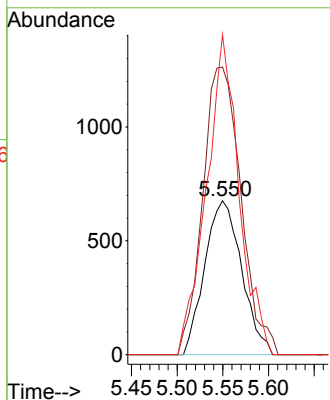
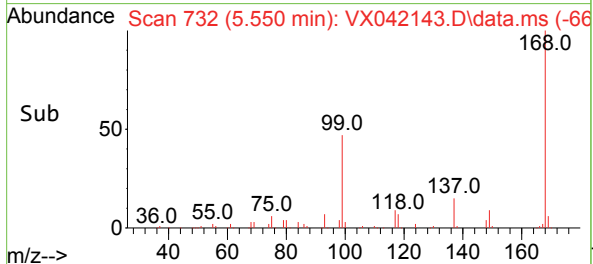


#31
Cyclohexane
Concen: 1.009 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
FB-20240627

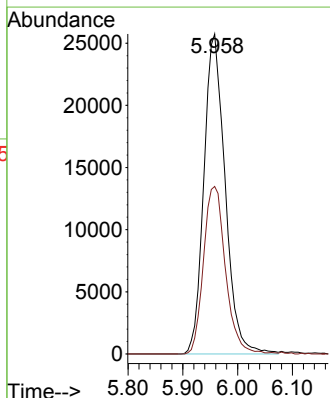
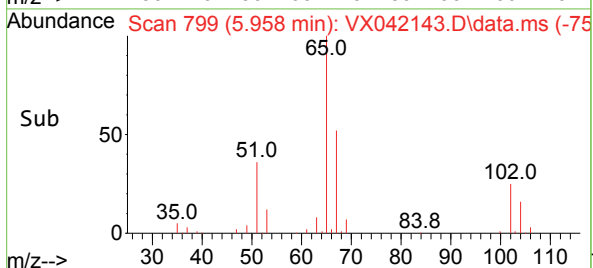
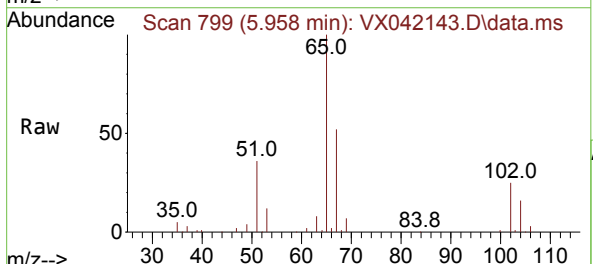


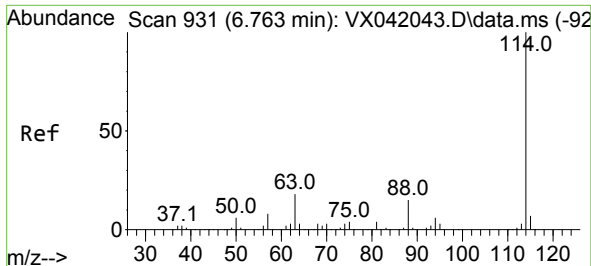
Tgt Ion: 56 Resp: 1900
Ion Ratio Lower Upper
56 100
69 186.8 23.4 35.2#
84 207.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.038 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Tgt Ion: 65 Resp: 69294
Ion Ratio Lower Upper
65 100
67 54.0 0.0 100.2

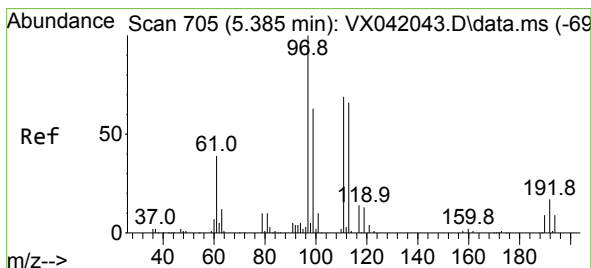
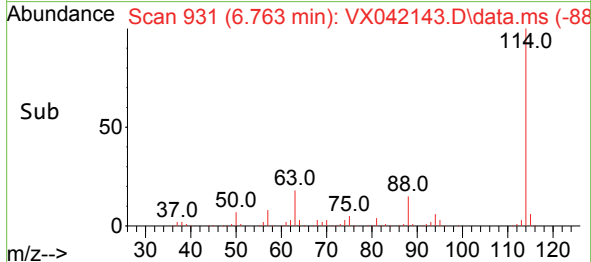
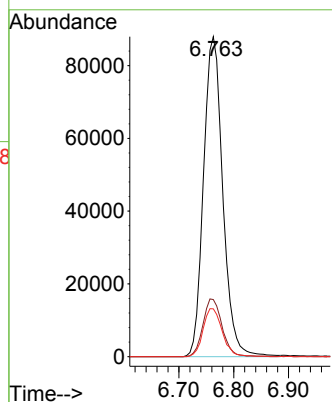
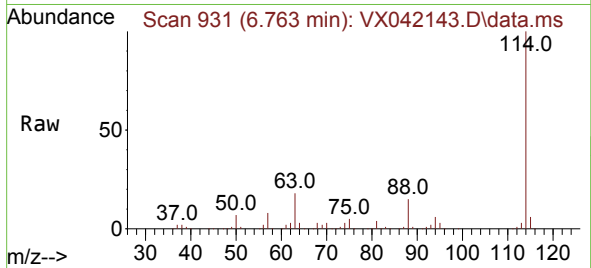




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

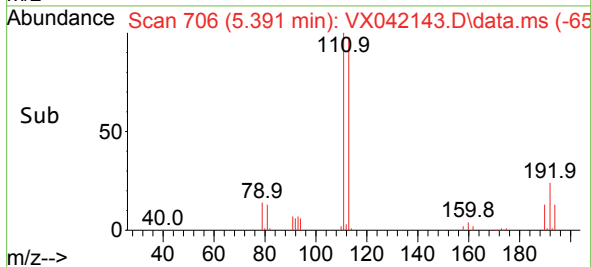
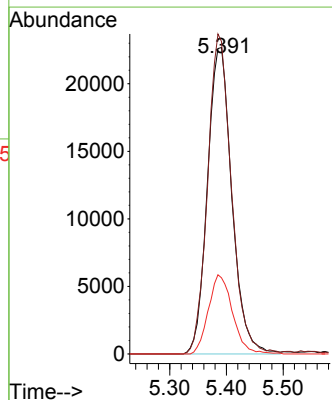
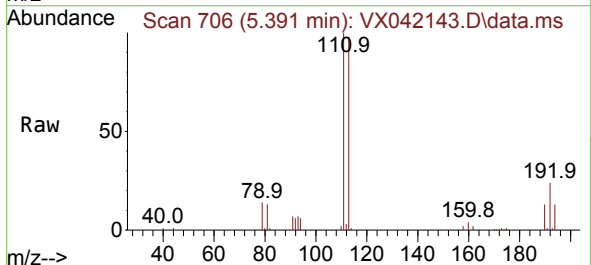
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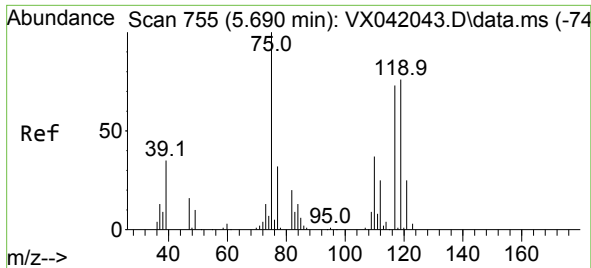
Tgt Ion:114 Resp: 214595
Ion Ratio Lower Upper
114 100
63 17.9 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.623 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Tgt Ion:113 Resp: 67945
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.5 13.3 19.9#

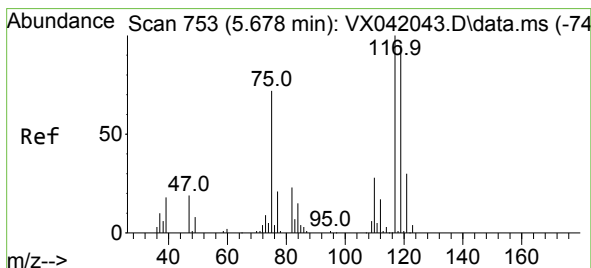
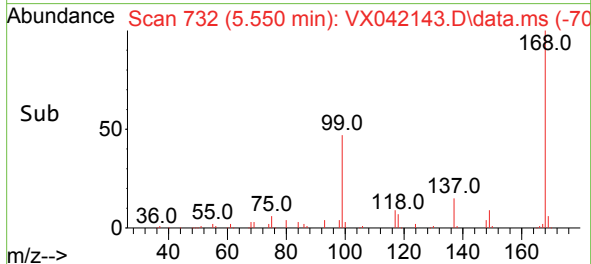
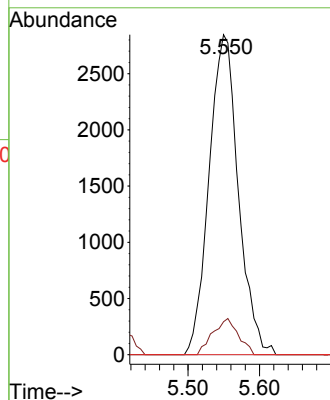
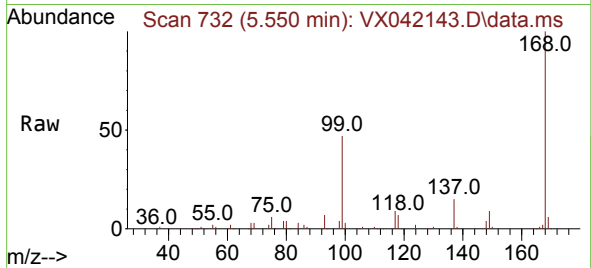




#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

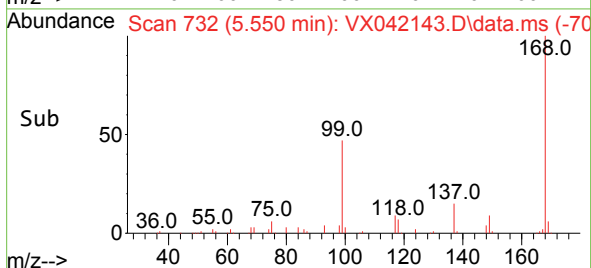
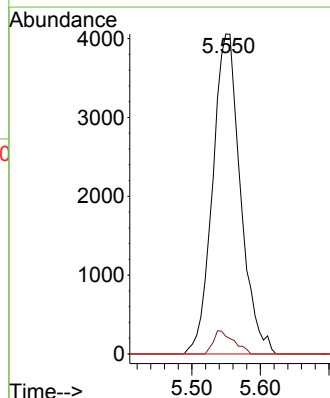
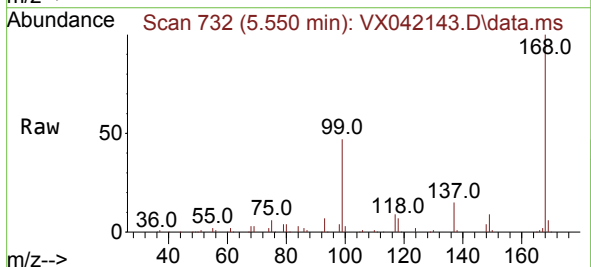
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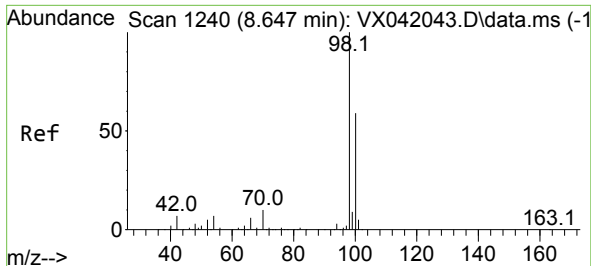
Tgt Ion: 75 Resp: 8104
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.402 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Tgt Ion: 117 Resp: 11438
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

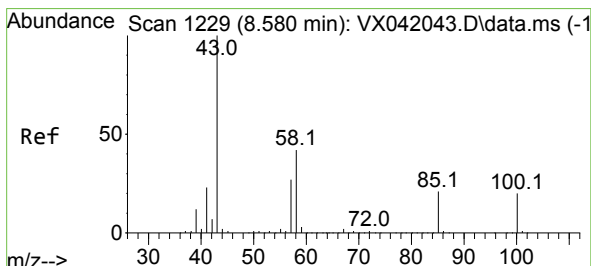
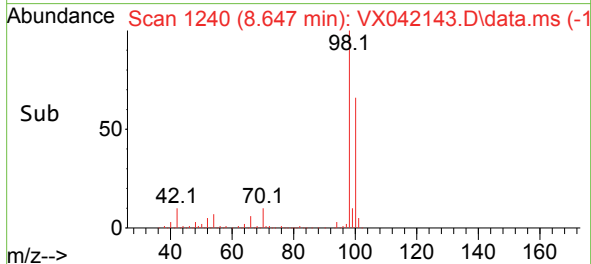
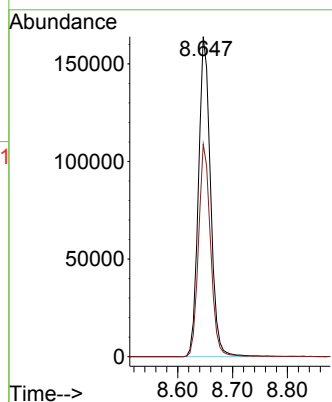
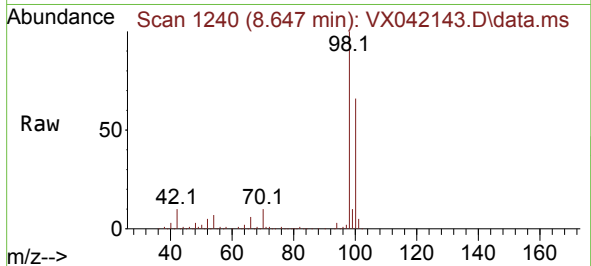




#50
Toluene-d8
Concen: 47.110 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

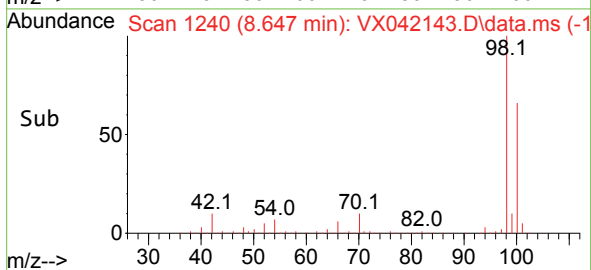
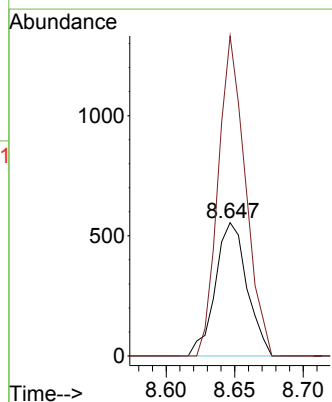
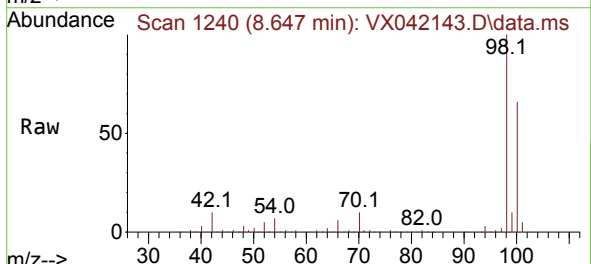
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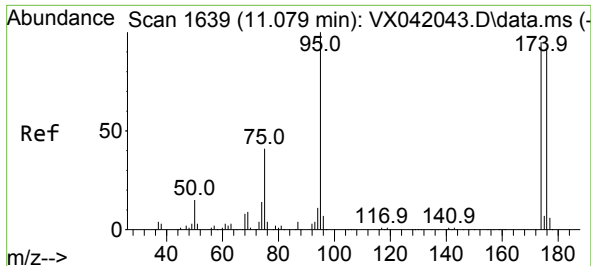
Tgt Ion: 98 Resp: 251999
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.401 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 206.3 30.4 45.6#

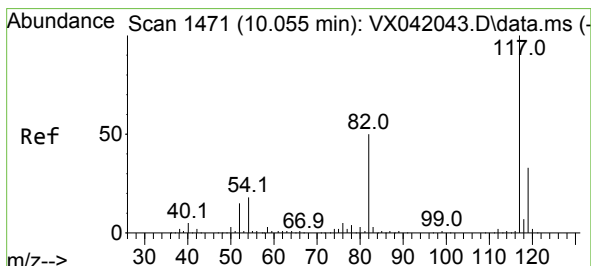
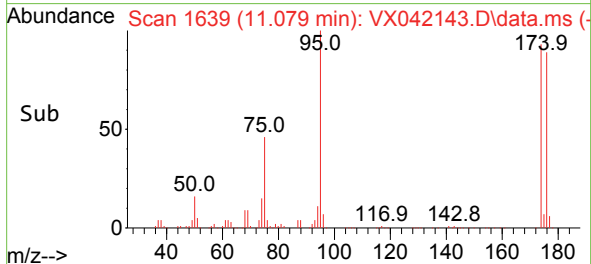
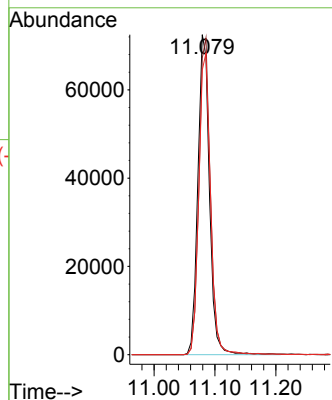
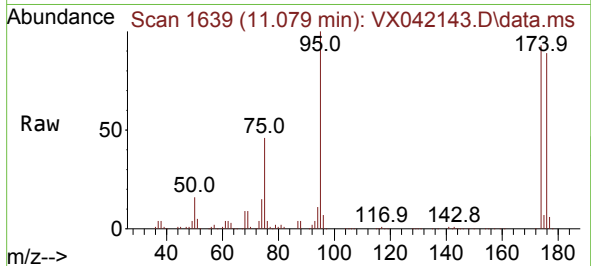




#62
4-Bromofluorobenzene
Concen: 48.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

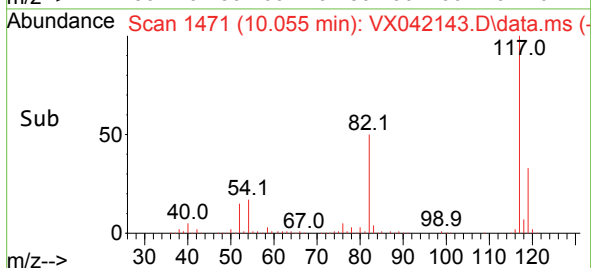
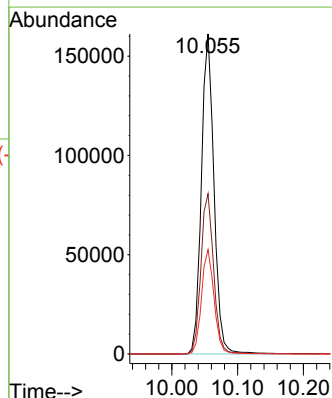
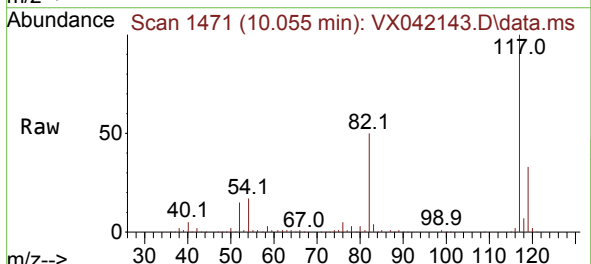
Instrument :
MSVOA_X
ClientSampleId :
FB-20240627

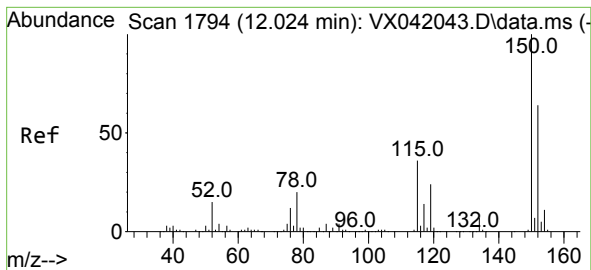
Tgt Ion: 95 Resp: 95527
Ion Ratio Lower Upper
95 100
174 98.2 0.0 135.6
176 95.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Tgt Ion: 117 Resp: 214326
Ion Ratio Lower Upper
117 100
82 50.1 46.2 69.4
119 32.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042143.D

Acq: 02 Jul 2024 16:31

Instrument :

MSVOA_X

ClientSampleId :

FB-20240627

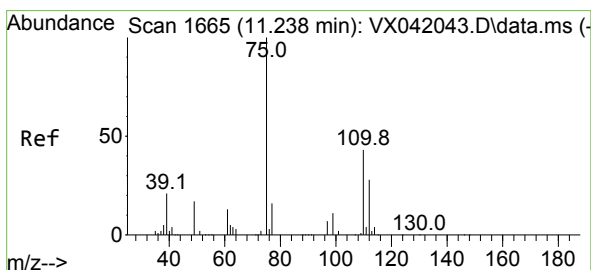
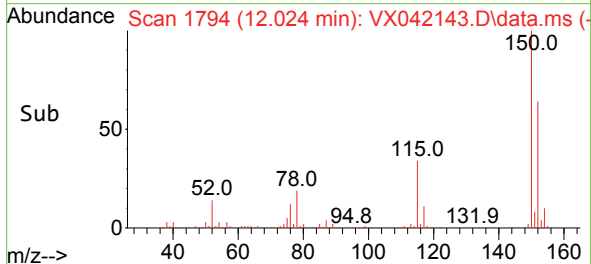
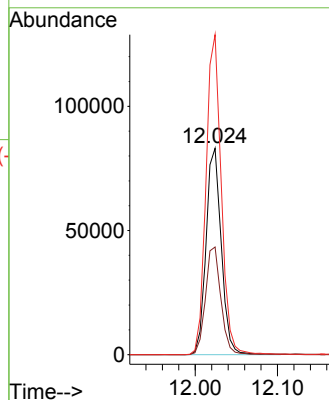
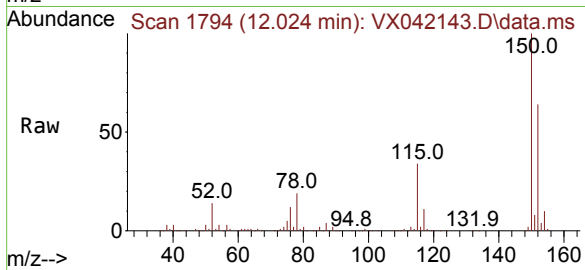
Tgt Ion:152 Resp: 106946

Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 155.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.212 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042143.D

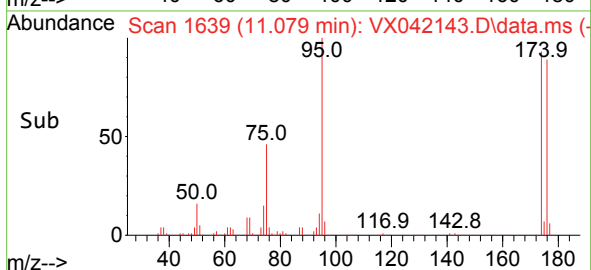
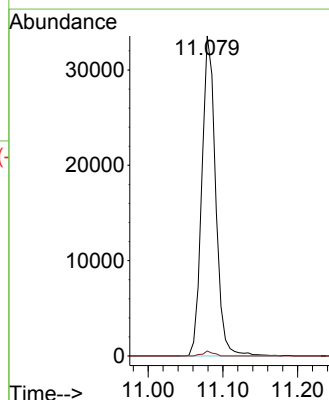
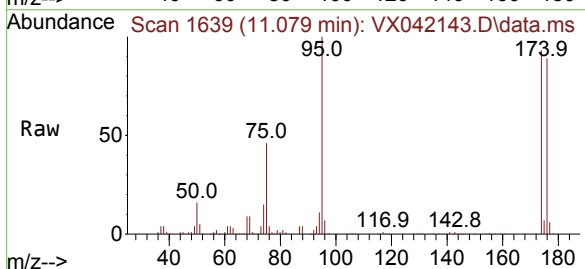
Acq: 02 Jul 2024 16:31

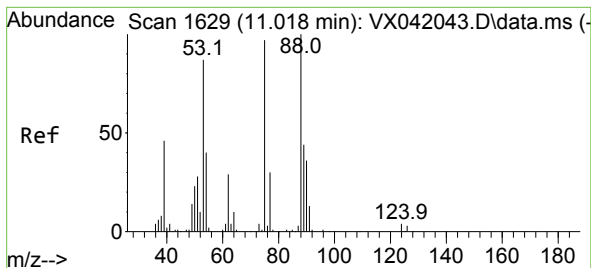
Tgt Ion: 75 Resp: 43124

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

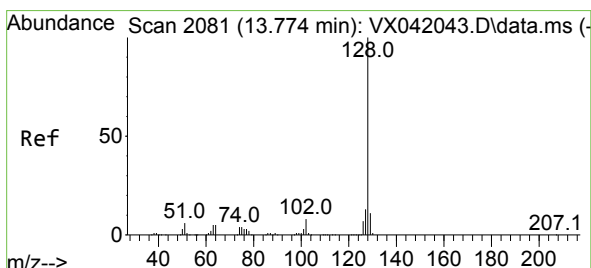
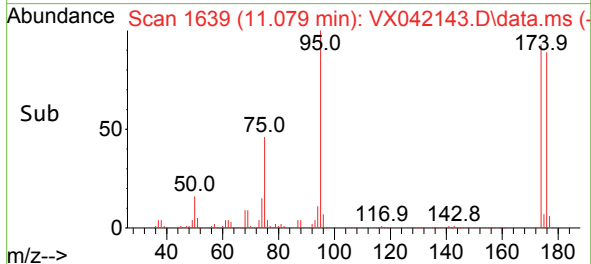
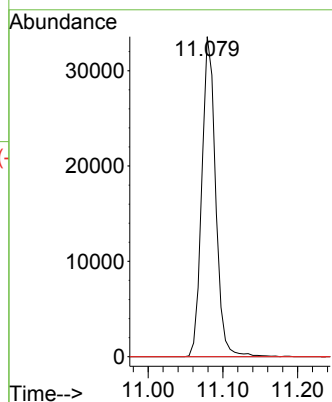
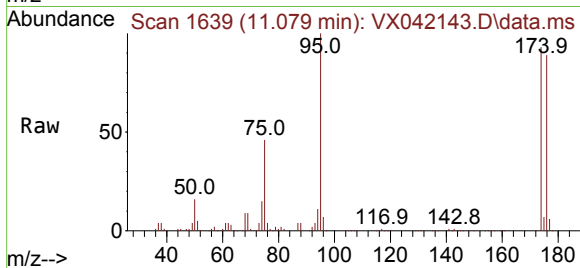




#81
trans-1,4-Dichloro-2-butene
Concen: 63.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Instrument :
MSVOA_X
ClientSampleId :
FB-20240627

Tgt Ion: 75 Resp: 43124
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.770 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042143.D
Acq: 02 Jul 2024 16:31

Tgt Ion: 128 Resp: 170
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

