

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080124\
 Data File : VX042817.D
 Acq On : 02 Aug 2024 01:55
 Operator : JC/MD
 Sample : P3374-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-072024

Quant Time: Aug 02 05:40:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 01 16:40:12 2024
 Response via : Initial Calibration

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

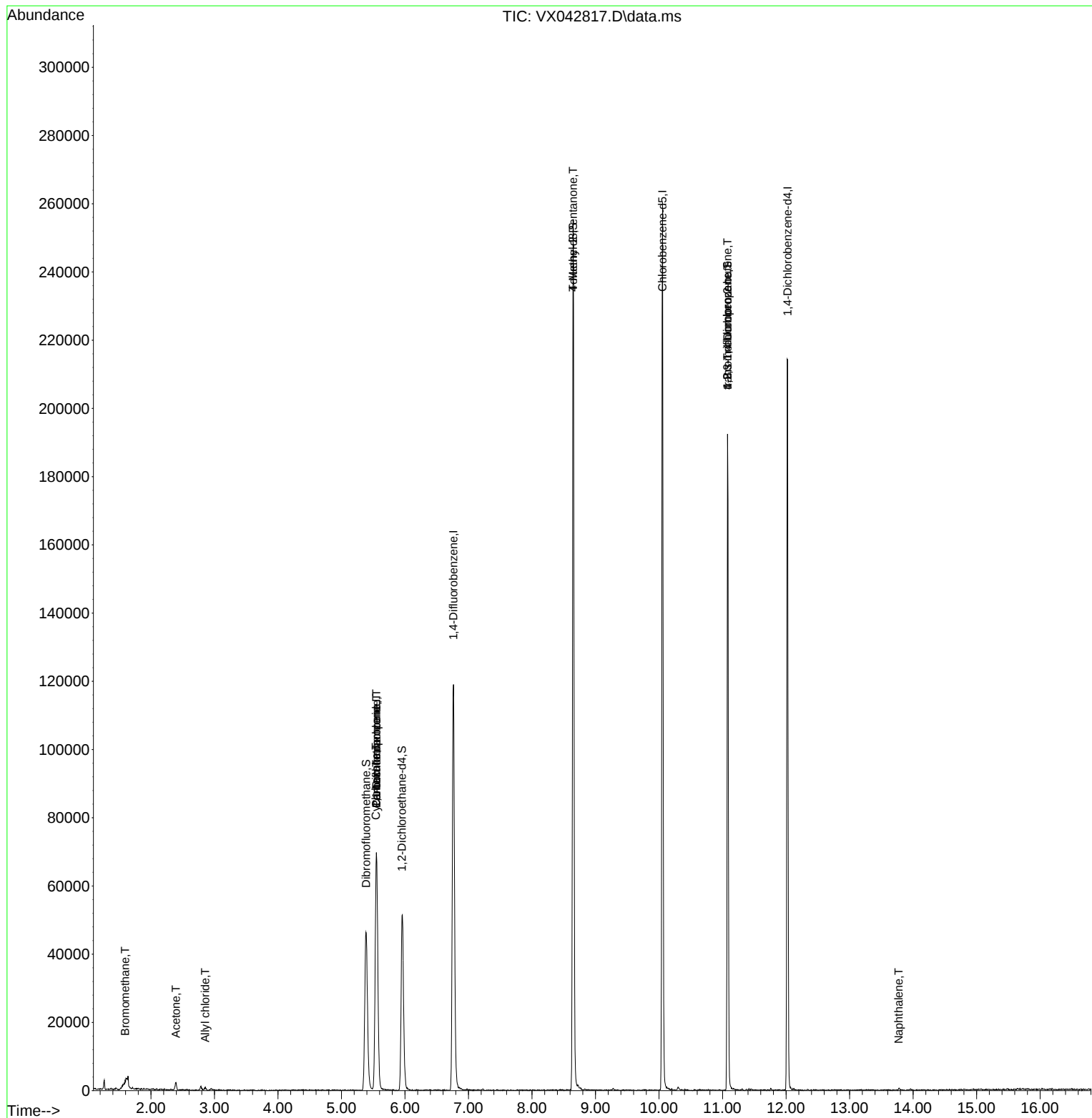
Internal Standards						
1) Pentafluorobenzene	5.550	168	63184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52648	51.864	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.720%	
35) Dibromofluoromethane	5.385	113	42229	49.766	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.540%	
50) Toluene-d8	8.647	98	152527	49.521	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	11.079	95	53436	47.474	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	74	Below Cal	#	43
5) Bromomethane	1.593	94	117	0.433	ug/l #	80
11) Tert butyl alcohol	2.989	59	286	Below Cal	#	78
14) Allyl chloride	2.855	41	225	0.228	ug/l #	24
16) Acetone	2.392	43	2665	7.230	ug/l #	83
20) Methylene Chloride	2.788	84	594	Below Cal	#	69
31) Cyclohexane	5.544	56	1511	1.351	ug/l #	28
36) 1,1-Dichloropropene	5.550	75	5514	5.011	ug/l #	52
38) Carbon Tetrachloride	5.550	117	7147	5.636	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	623	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	26965	25.993	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	26965	76.933	ug/l #	5
95) Naphthalene	13.774	128	778	0.224	ug/l #	73

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

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TB-02-072024

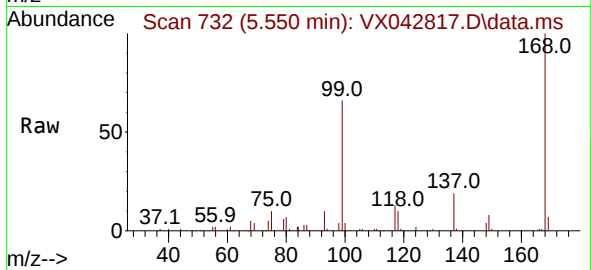
Quant Time: Aug 02 05:40:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080124W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 01 16:40:12 2024
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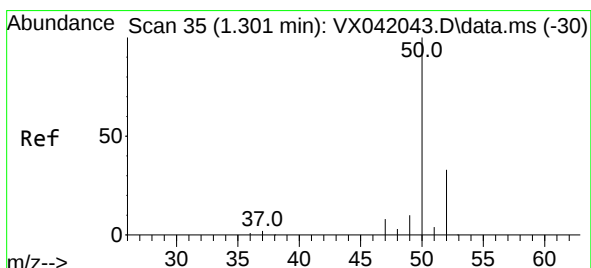
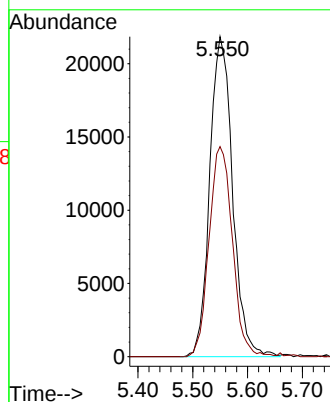
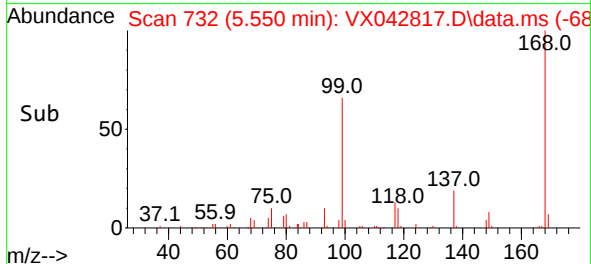


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Instrument :
MSVOA_X
ClientSampleId :
TB-02-072024

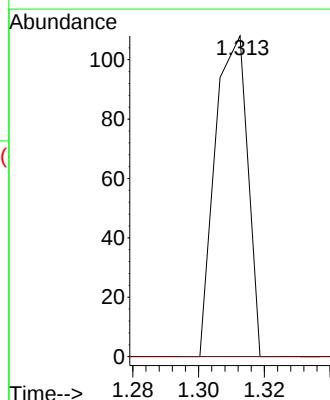
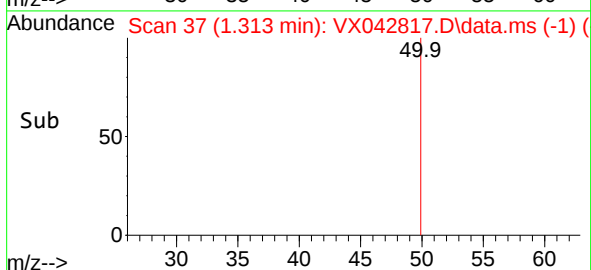
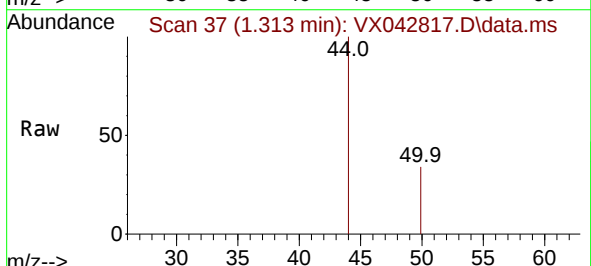


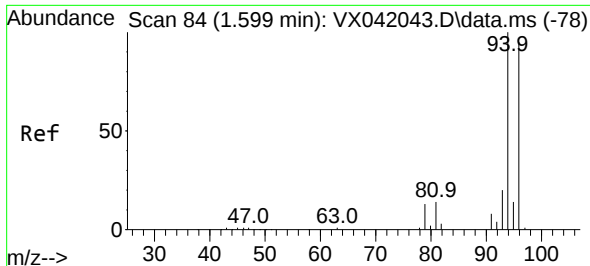
Tgt Ion:168 Resp: 63184
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0



#3
Chloromethane
Concen: Below Cal
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Tgt Ion: 50 Resp: 74
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

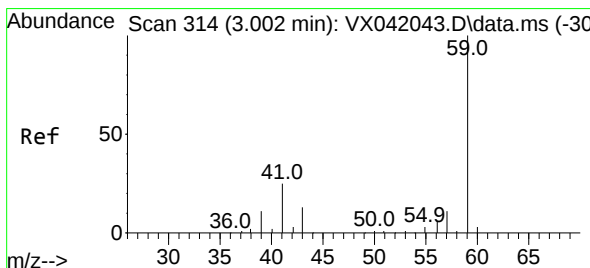
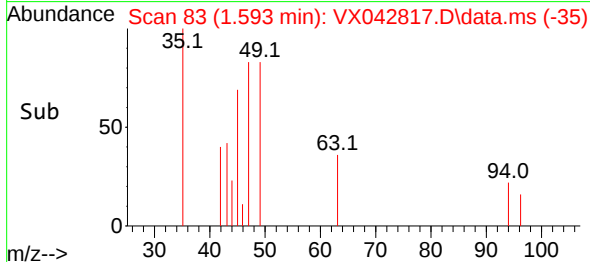
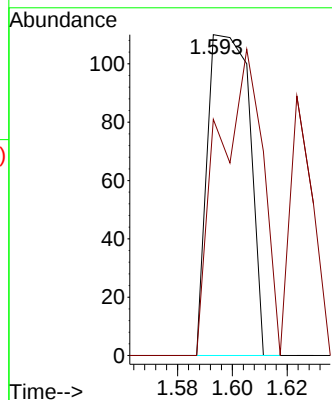
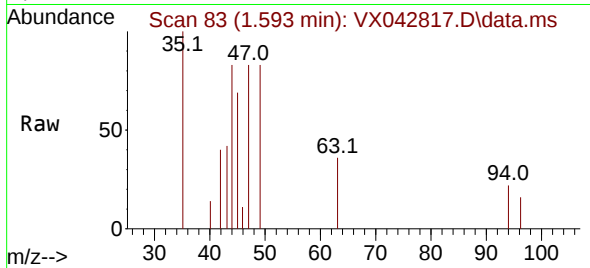




#5
Bromomethane
Concen: 0.433 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

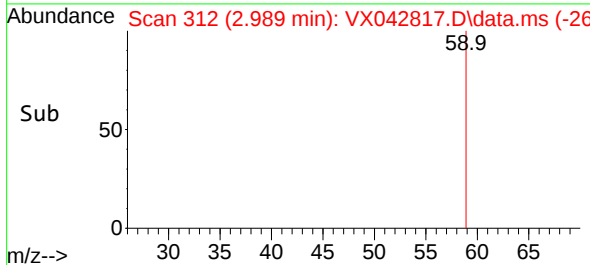
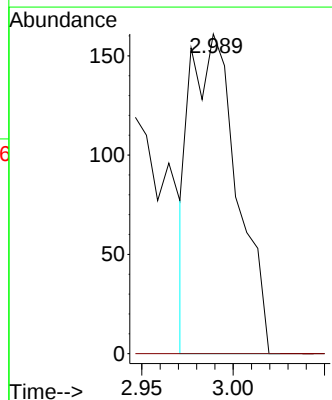
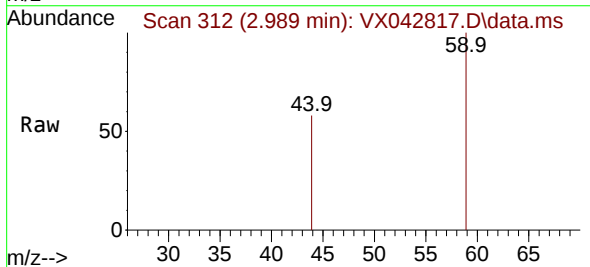
Instrument :
MSVOA_X
ClientSampleId :
TB-02-072024

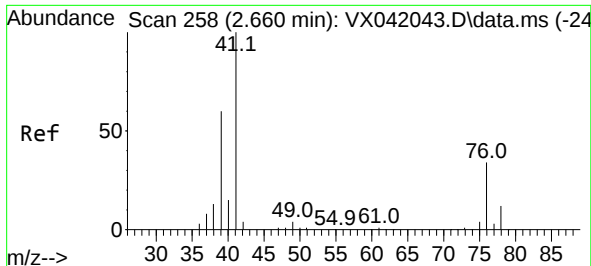
Tgt Ion: 94 Resp: 117
Ion Ratio Lower Upper
94 100
96 73.6 74.6 111.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. -0.018 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Tgt Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#14

Allyl chloride

Concen: 0.228 ug/l

RT: 2.855 min Scan# 21

Delta R.T. 0.195 min

Lab File: VX042817.D

Acq: 02 Aug 2024 01:55

Instrument :

MSVOA_X

ClientSampleId :

TB-02-072024

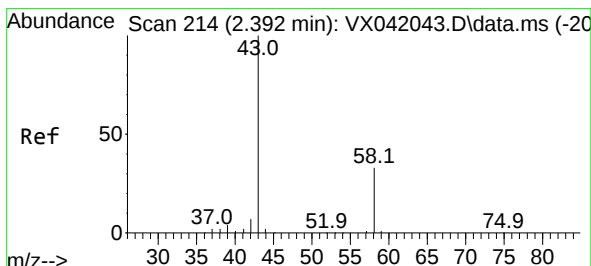
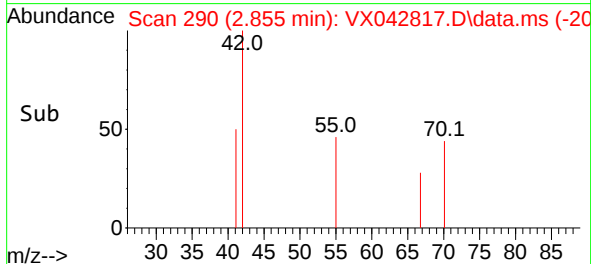
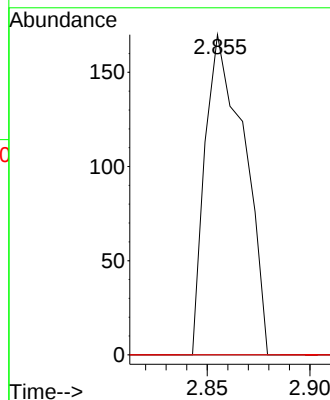
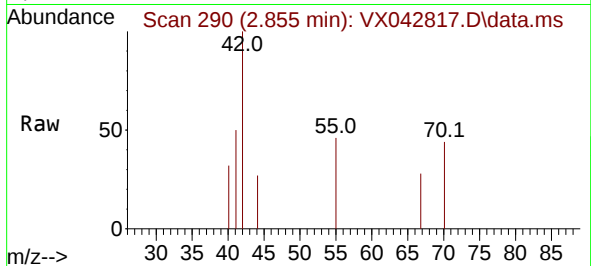
Tgt Ion: 41 Resp: 225

Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#



#16

Acetone

Concen: 7.230 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX042817.D

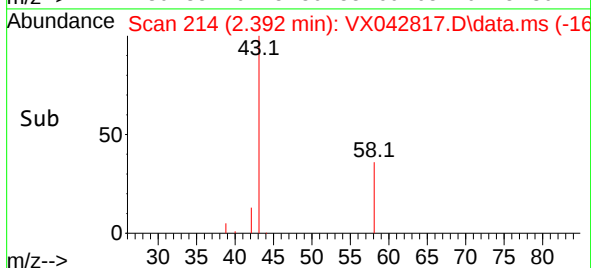
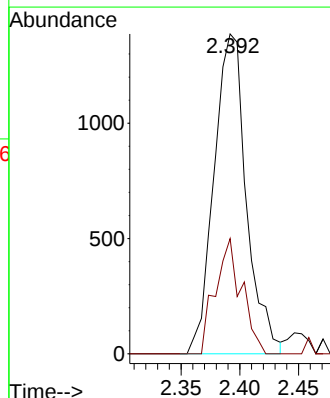
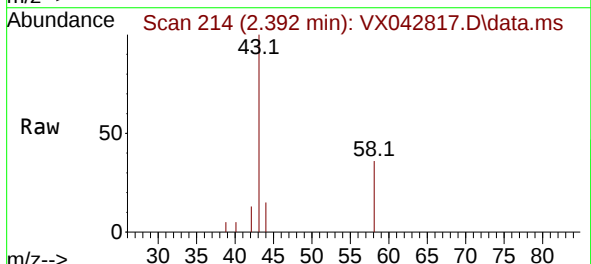
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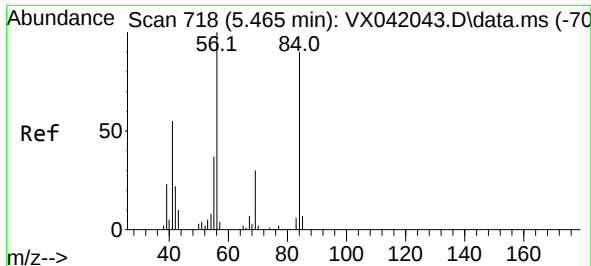
Tgt Ion: 43 Resp: 2665

Ion Ratio Lower Upper

43 100

58 36.0 21.9 32.9#

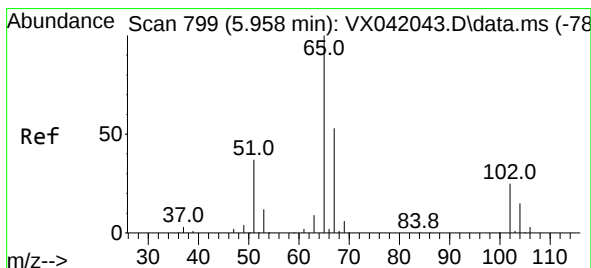
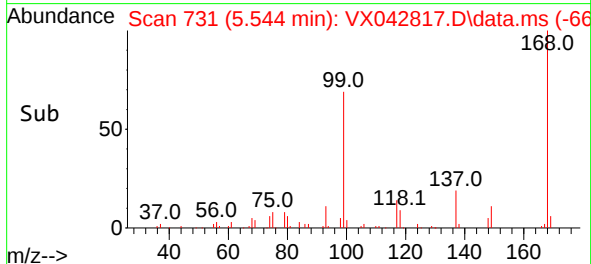
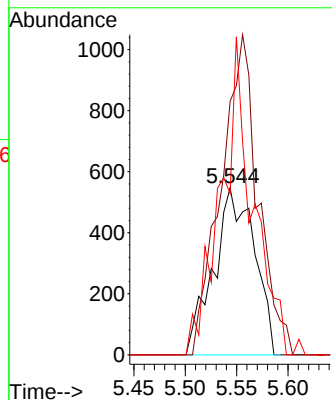
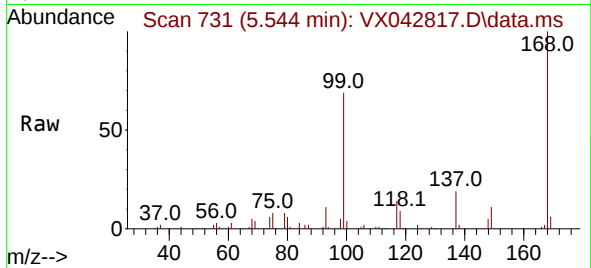




#31
Cyclohexane
Concen: 1.351 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

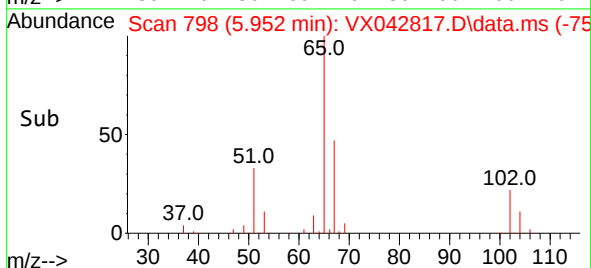
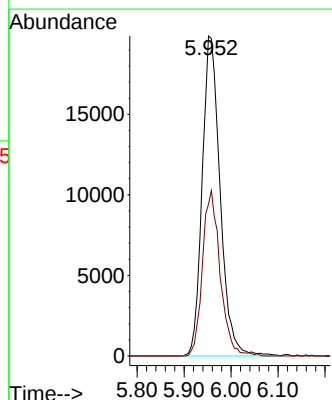
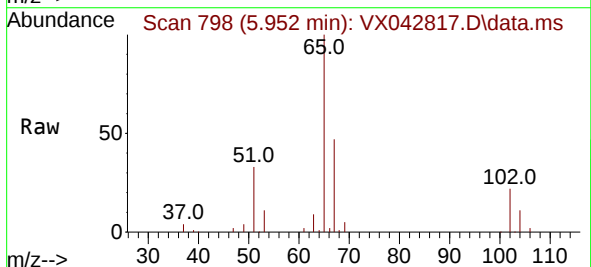
Instrument :
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TB-02-072024

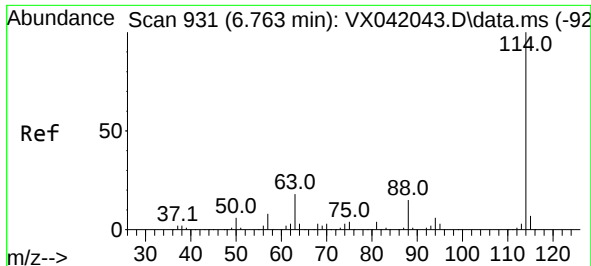
Tgt Ion: 56 Resp: 1511
Ion Ratio Lower Upper
56 100
69 151.9 23.4 35.2#
84 96.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 51.864 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Tgt Ion: 65 Resp: 52648
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

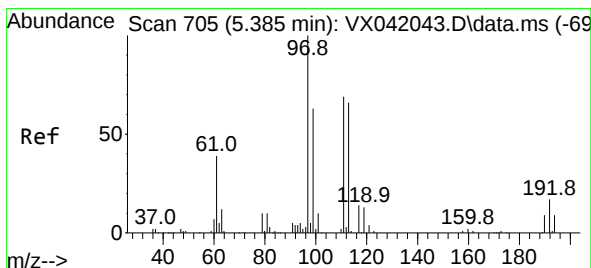
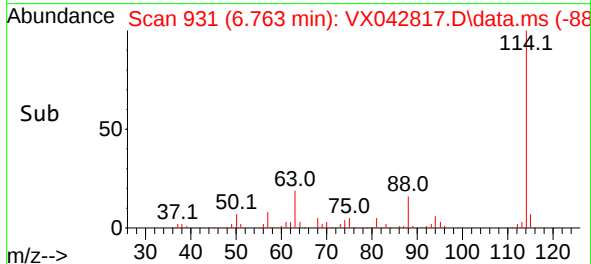
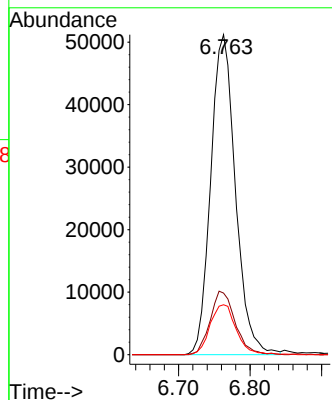
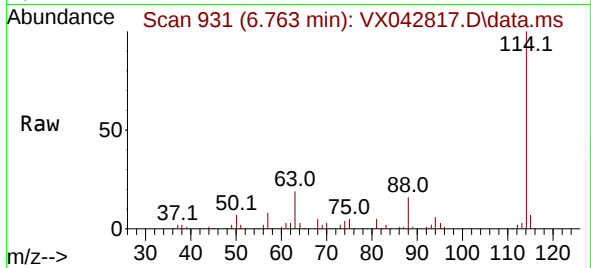




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

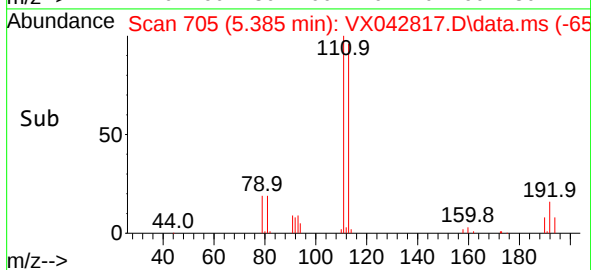
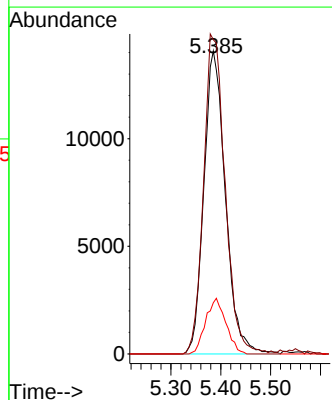
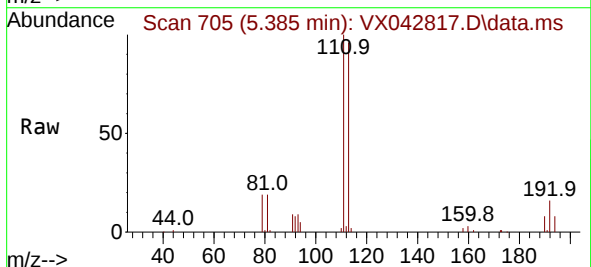
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MSVOA_X
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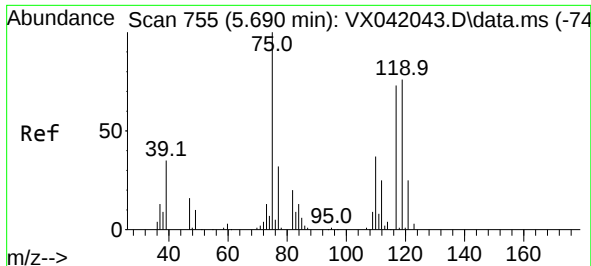
Tgt Ion:114 Resp: 122835
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.766 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Tgt Ion:113 Resp: 42229
Ion Ratio Lower Upper
113 100
111 105.5 82.9 124.3
192 17.3 13.3 19.9

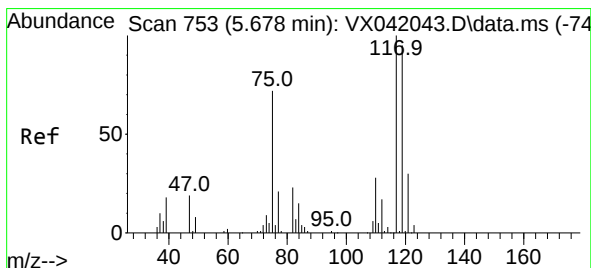
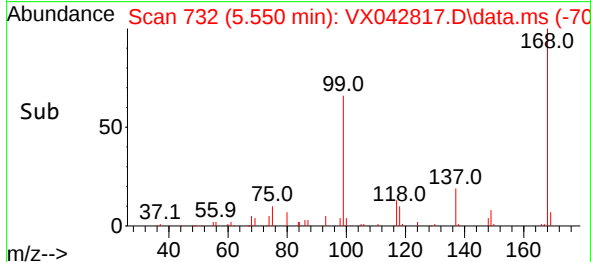
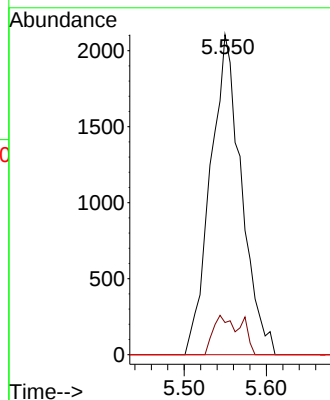
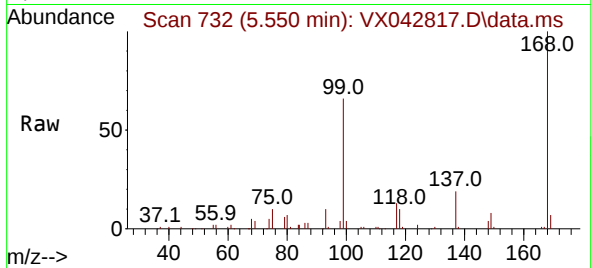




#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

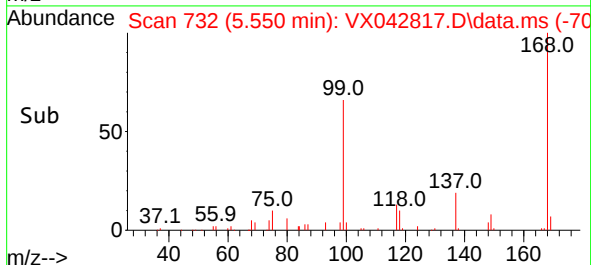
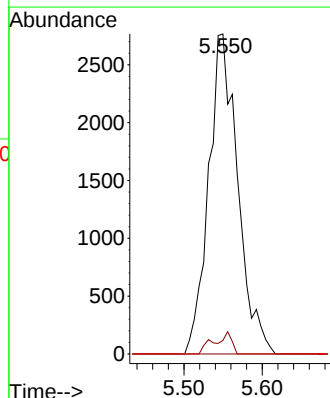
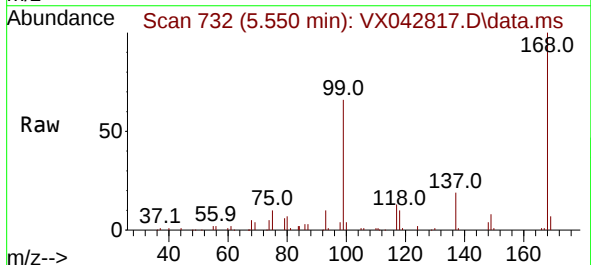
Instrument :
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TB-02-072024

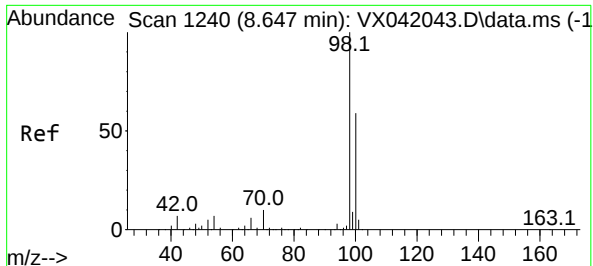
Tgt Ion: 75 Resp: 5514
Ion Ratio Lower Upper
75 100
110 11.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.636 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Tgt Ion: 117 Resp: 7147
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#

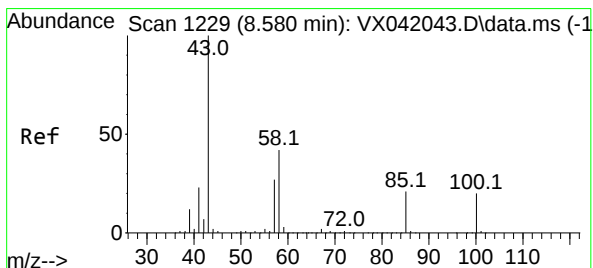
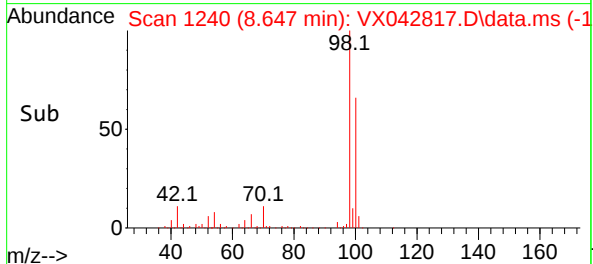
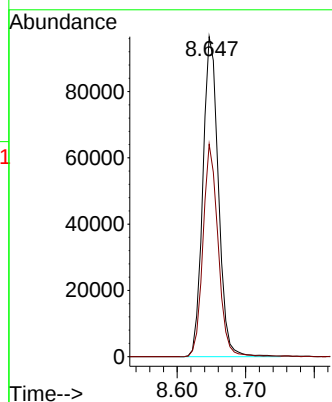
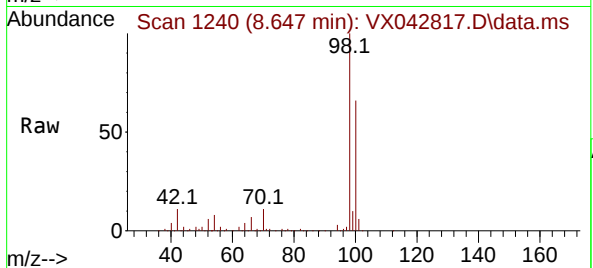




#50
Toluene-d8
Concen: 49.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

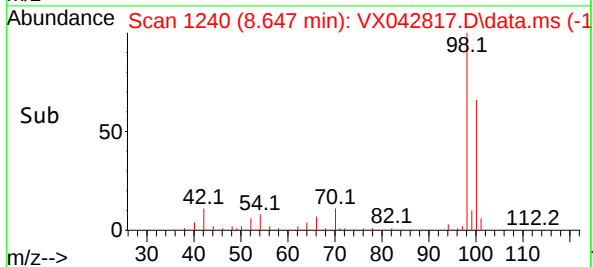
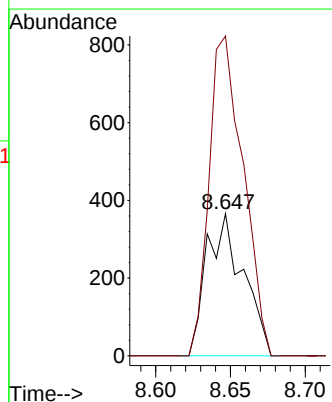
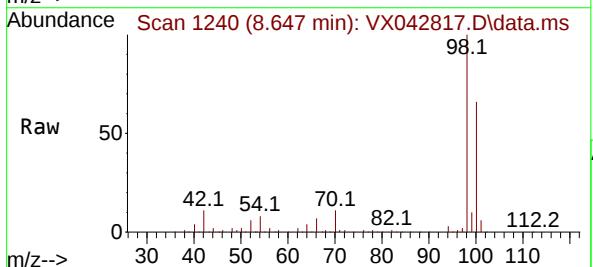
Instrument :
MSVOA_X
ClientSampleId :
TB-02-072024

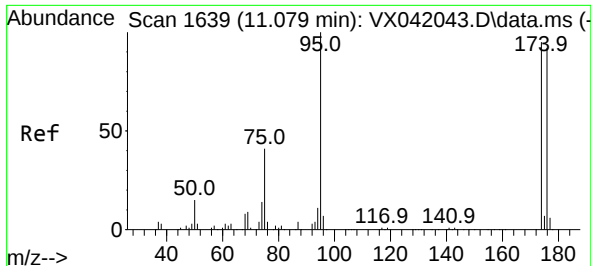
Tgt Ion: 98 Resp: 152527
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
58 210.4 30.4 45.6#

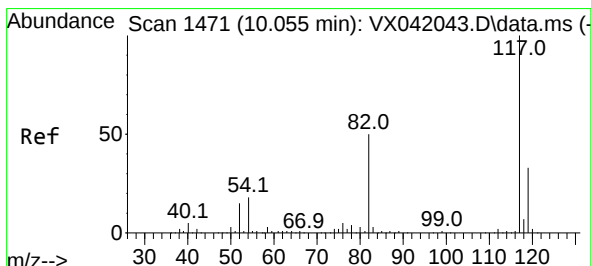
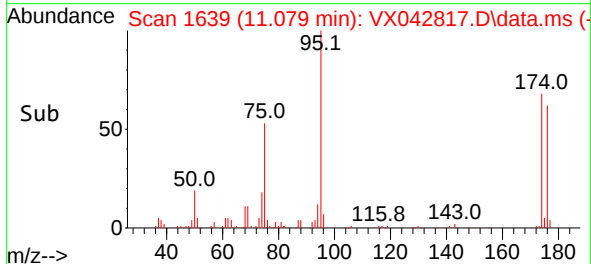
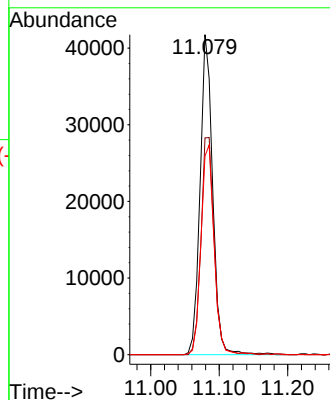
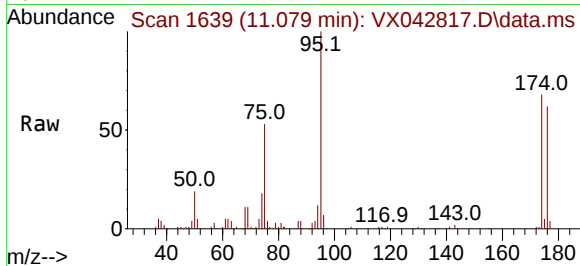




#62
4-Bromofluorobenzene
Concen: 47.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

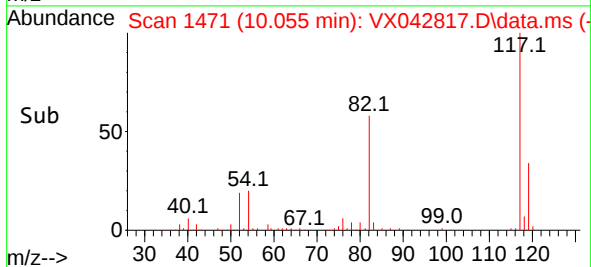
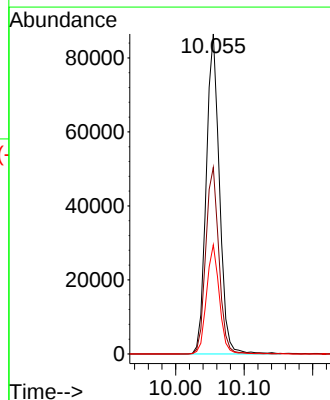
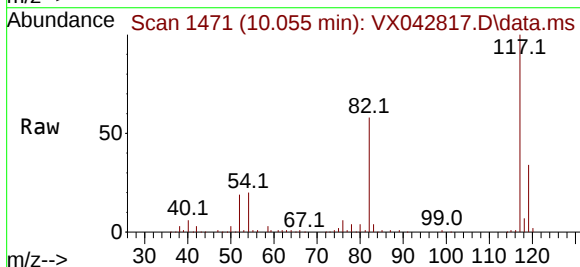
Instrument :
MSVOA_X
ClientSampleId :
TB-02-072024

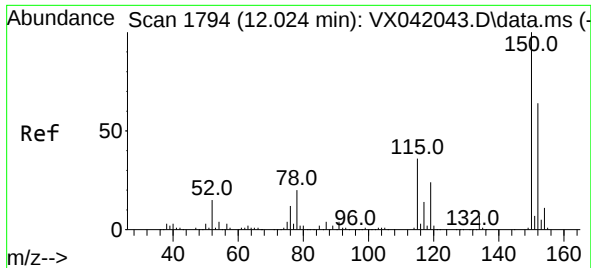
Tgt Ion: 95 Resp: 53436
Ion Ratio Lower Upper
95 100
174 71.0 0.0 135.6
176 68.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Tgt Ion: 117 Resp: 116115
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 34.1 25.5 38.3

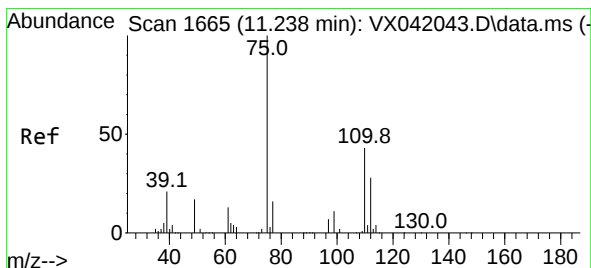
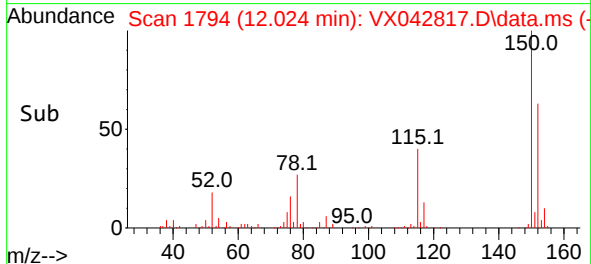
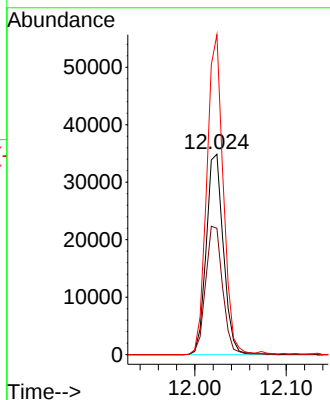
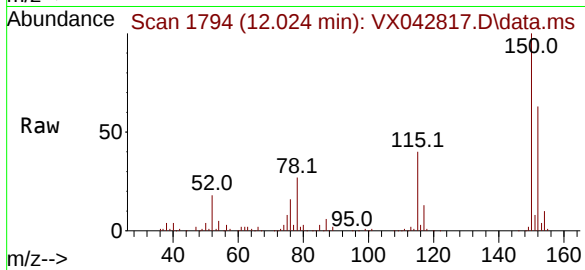




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042817.D
 Acq: 02 Aug 2024 01:55

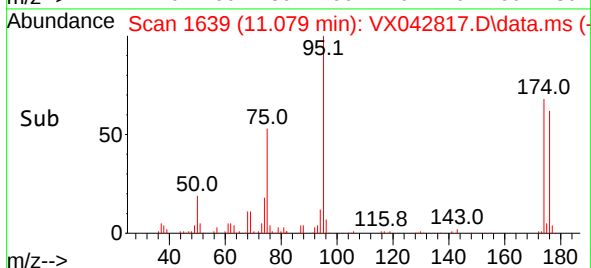
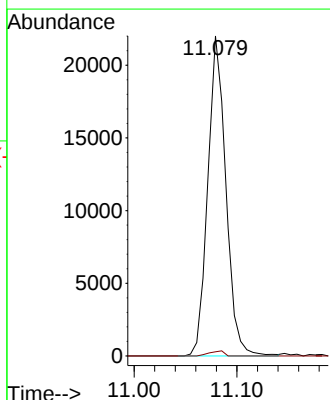
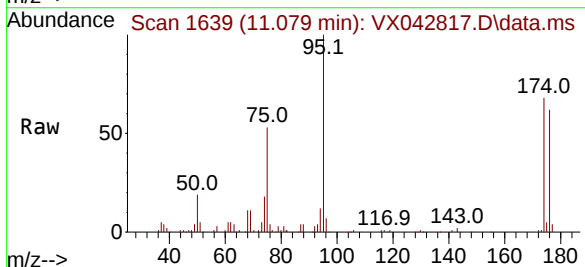
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02-072024

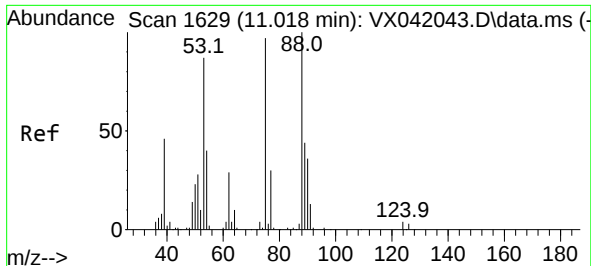
Tgt Ion:152 Resp: 45400
 Ion Ratio Lower Upper
 152 100
 115 63.9 43.3 129.9
 150 152.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.993 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX042817.D
 Acq: 02 Aug 2024 01:55

Tgt Ion: 75 Resp: 26965
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

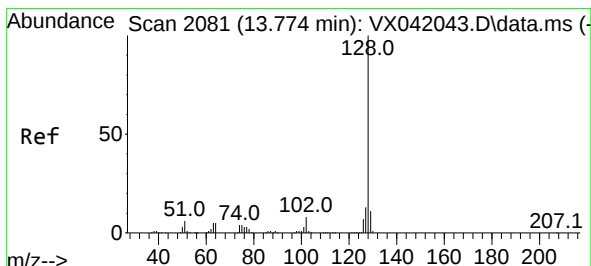
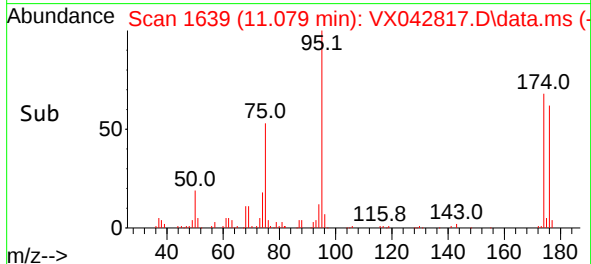
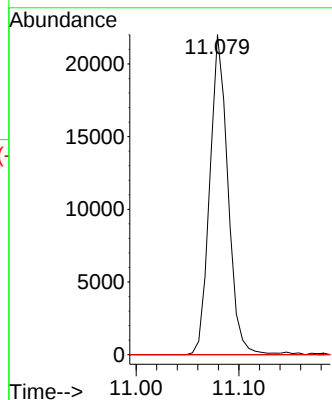
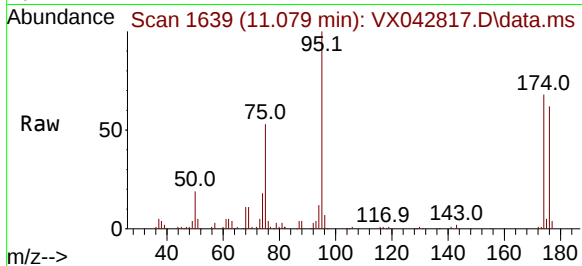




#81
trans-1,4-Dichloro-2-butene
Concen: 76.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Instrument :
MSVOA_X
ClientSampleId :
TB-02-072024

Tgt Ion: 75 Resp: 26965
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.224 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042817.D
Acq: 02 Aug 2024 01:55

Tgt Ion: 128 Resp: 778
Ion Ratio Lower Upper
128 100
127 3.2 10.3 15.5#
129 0.0 8.8 13.2#

