

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042114.D
 Acq On : 01 Jul 2024 15:08
 Operator : JC/MD
 Sample : P3123-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 02 02:06:11 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)

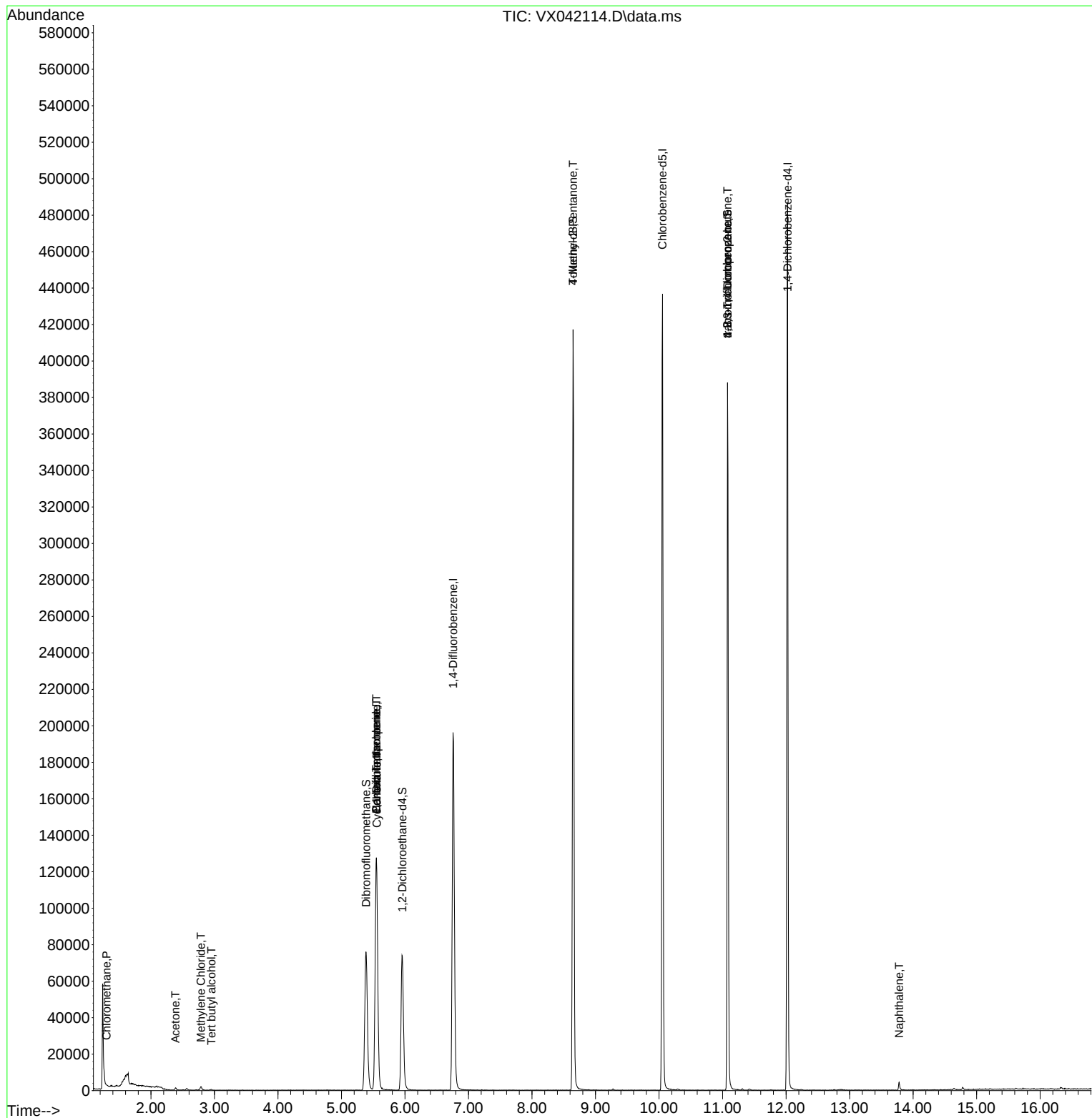
Internal Standards						
1) Pentafluorobenzene	5.550	168	143979	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	221966	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71514	43.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.140%
35) Dibromofluoromethane	5.385	113	68456	43.465	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.940%
50) Toluene-d8	8.647	98	257571	46.552	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.100%
62) 4-Bromofluorobenzene	11.079	95	102917	50.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	598	0.435	ug/l	95
6) Chloroethane	1.660	64	425	Below Cal	#	61
11) Tert butyl alcohol	2.953	59	160	0.508	ug/l	# 78
16) Acetone	2.386	43	1380	1.893	ug/l	# 85
20) Methylene Chloride	2.788	84	1091	0.683	ug/l	# 94
31) Cyclohexane	5.556	56	1921	0.989	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7970	4.765	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	11979	6.483	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	987	0.428	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	45797	21.266	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	45797	60.394	ug/l	# 5
95) Naphthalene	13.780	128	3853	1.194	ug/l	# 97

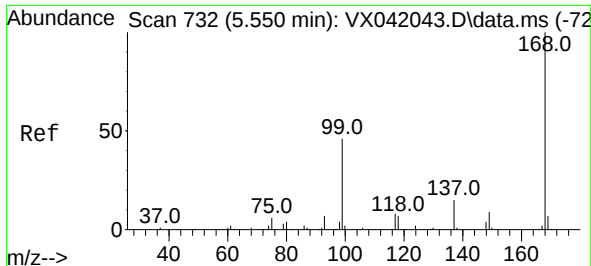
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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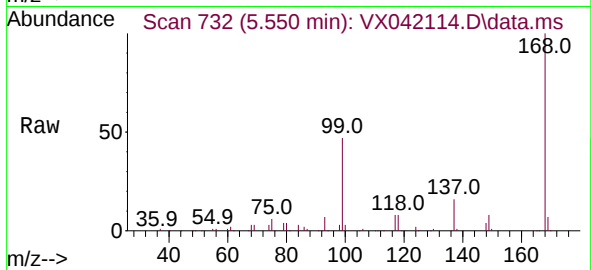
Quant Time: Jul 02 02:06:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



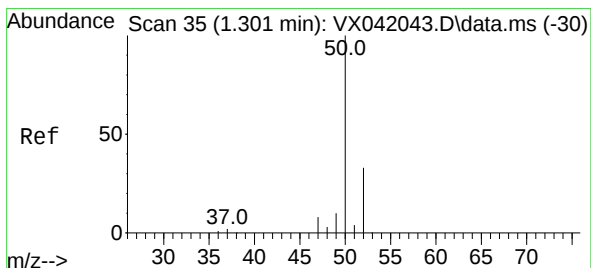
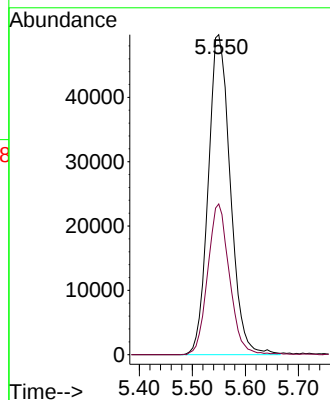
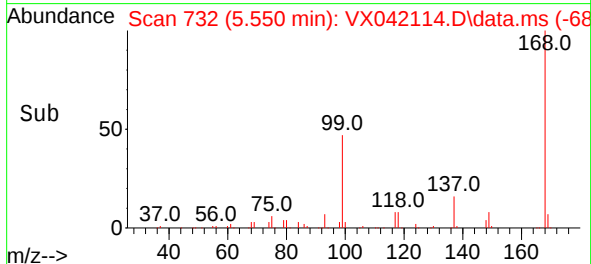


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

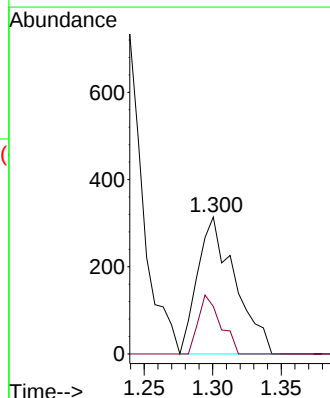
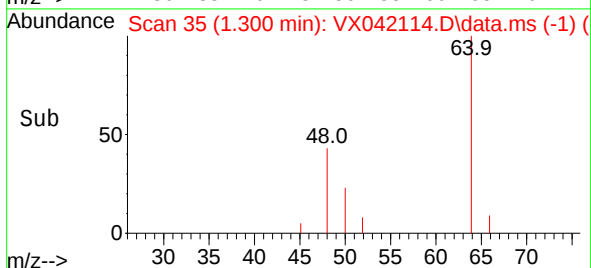
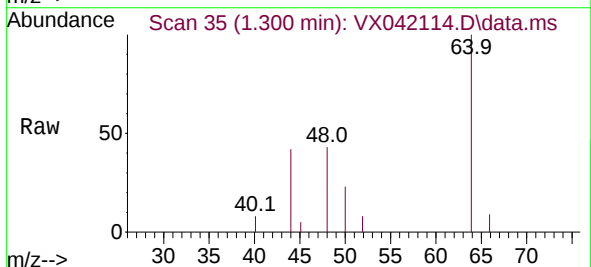


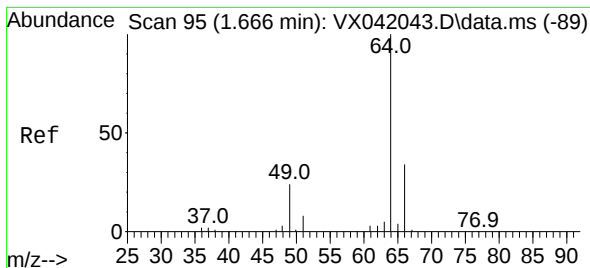
Tgt Ion:168 Resp: 143979
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#3
Chloromethane
Concen: 0.435 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Tgt Ion: 50 Resp: 598
Ion Ratio Lower Upper
50 100
52 34.7 25.5 38.3





#6

Chloroethane

Concen: Below Cal

RT: 1.660 min Scan# 94

Delta R.T. 0.000 min

Lab File: VX042114.D

Acq: 01 Jul 2024 15:08

Instrument :

MSVOA_X

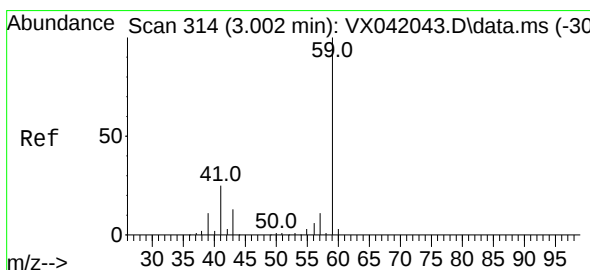
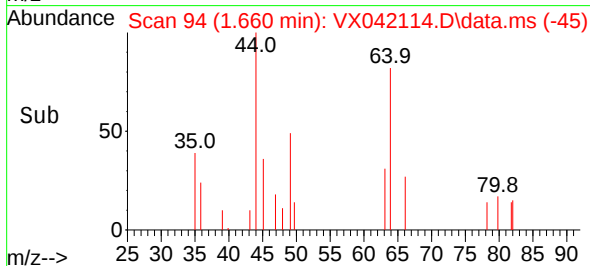
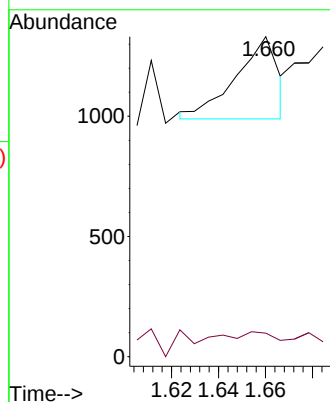
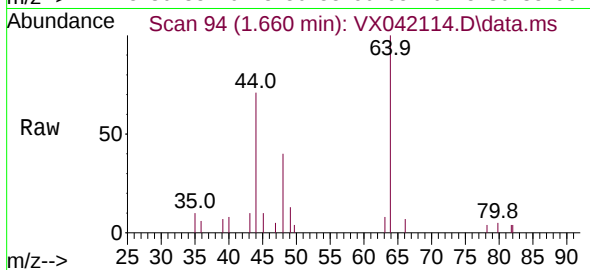
ClientSampleId :

Tgt Ion: 64 Resp: 425

Ion Ratio Lower Upper

64 100

66 9.6 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.508 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.055 min

Lab File: VX042114.D

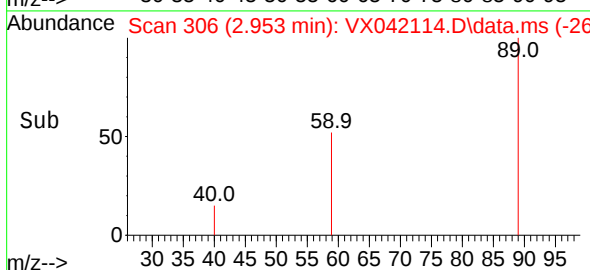
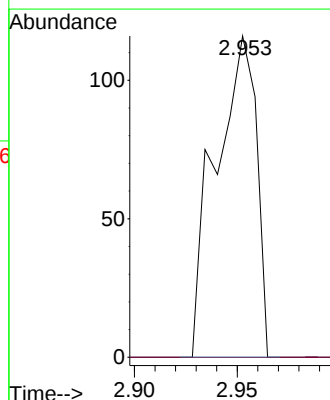
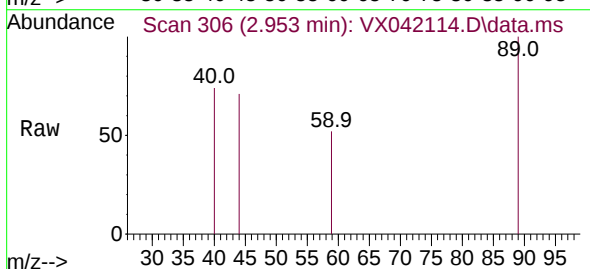
Acq: 01 Jul 2024 15:08

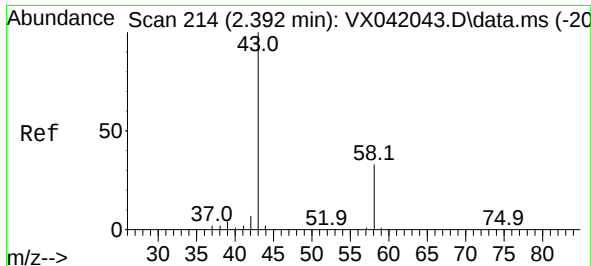
Tgt Ion: 59 Resp: 160

Ion Ratio Lower Upper

59 100

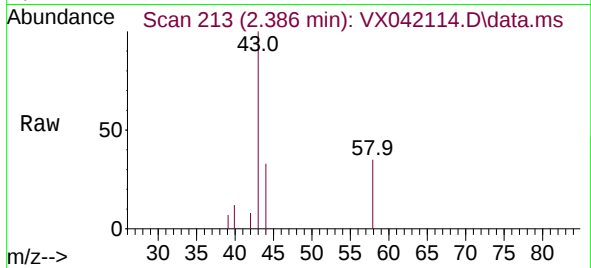
57 0.0 6.0 9.0#



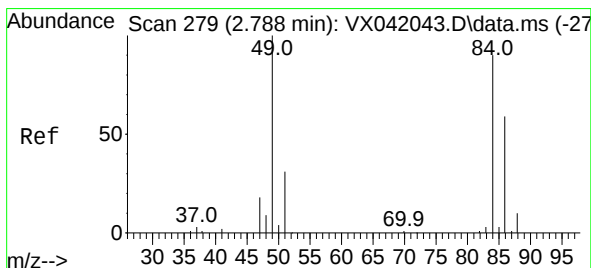
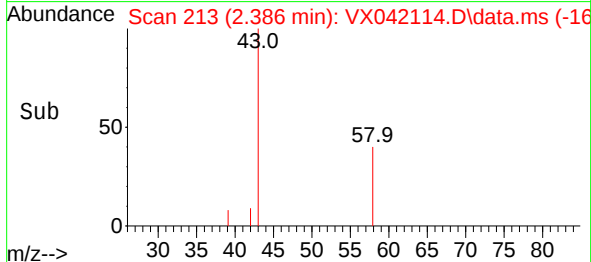
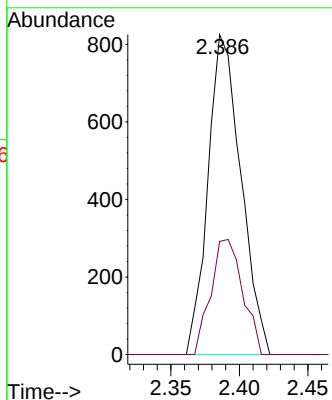


#16
Acetone
Concen: 1.893 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

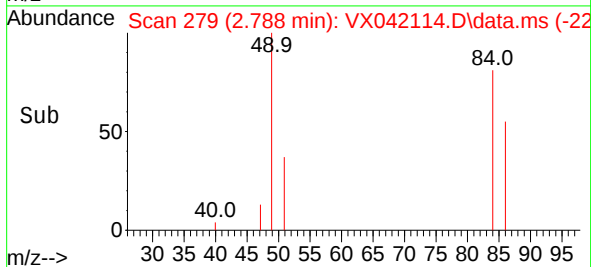
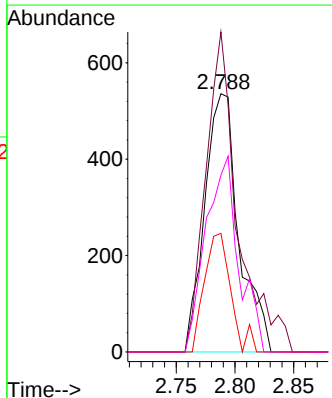
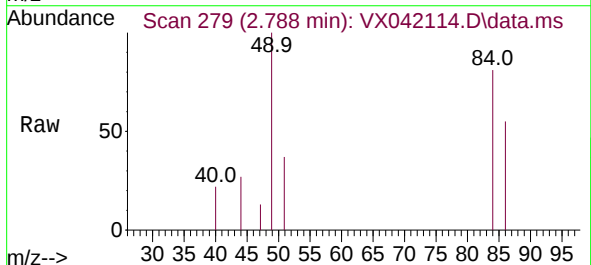


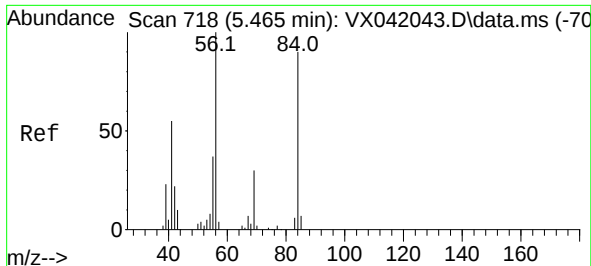
Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#



#20
Methylene Chloride
Concen: 0.683 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

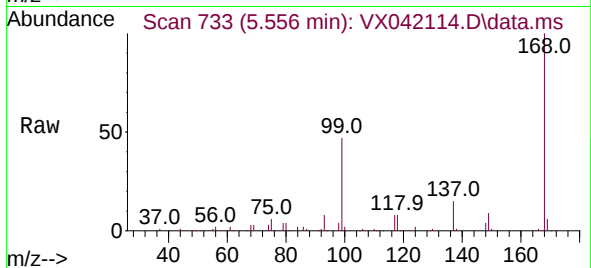
Tgt Ion: 84 Resp: 1091
Ion Ratio Lower Upper
84 100
49 123.9 103.6 155.4
51 45.9 33.8 50.6
86 68.5 49.4 74.0



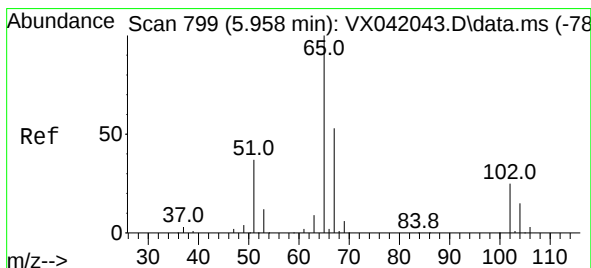
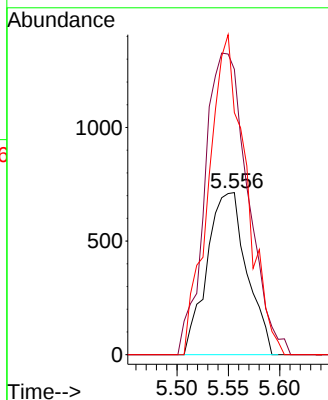
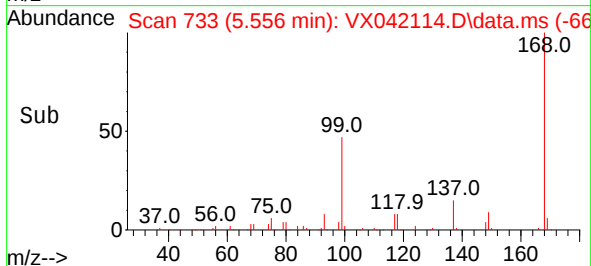


#31
Cyclohexane
Concen: 0.989 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

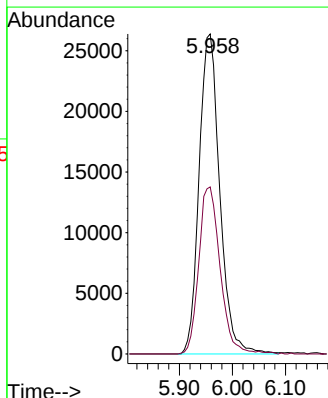
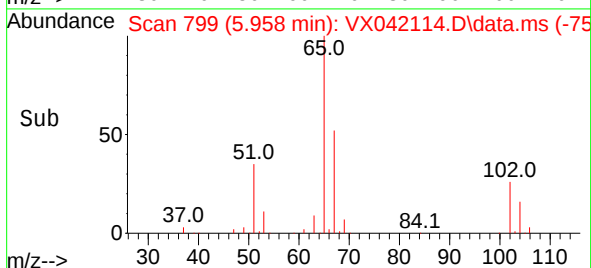
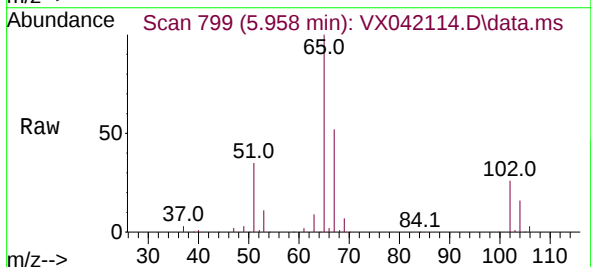


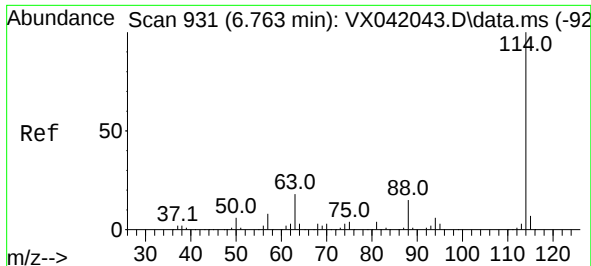
Tgt Ion: 56 Resp: 1921
Ion Ratio Lower Upper
56 100
69 176.2 23.4 35.2#
84 149.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.074 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Tgt Ion: 65 Resp: 71514
Ion Ratio Lower Upper
65 100
67 53.9 0.0 100.2

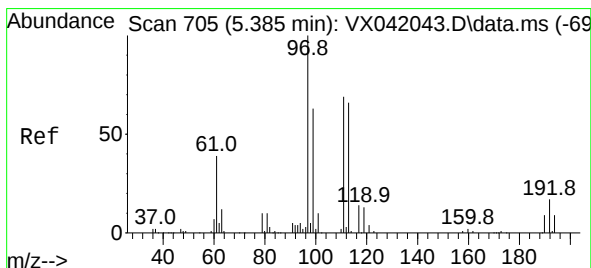
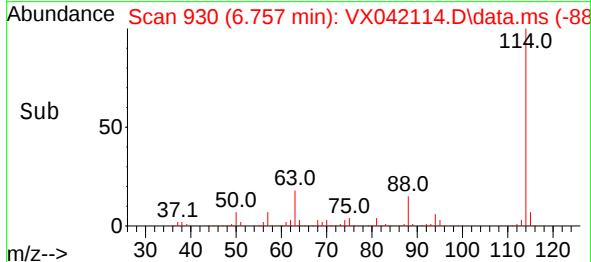
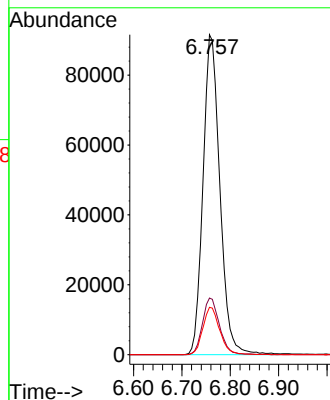
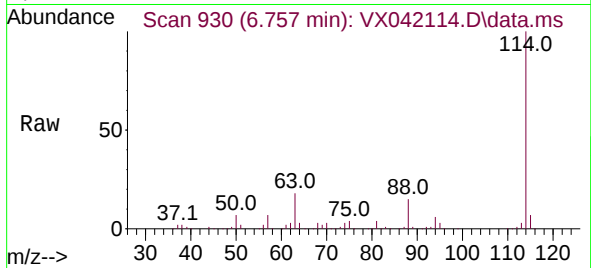




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

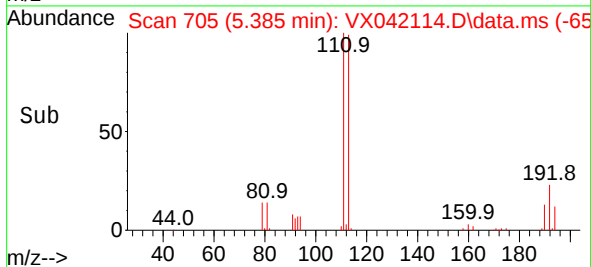
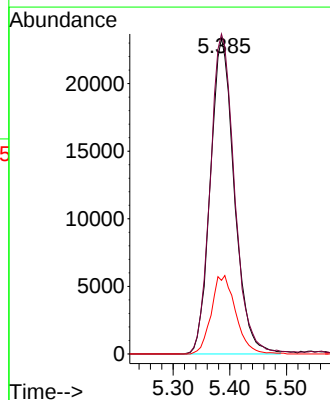
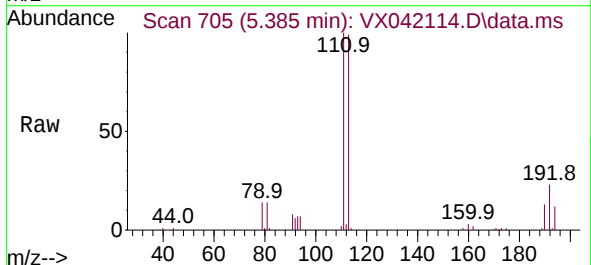
Instrument :
MSVOA_X
ClientSampleId :

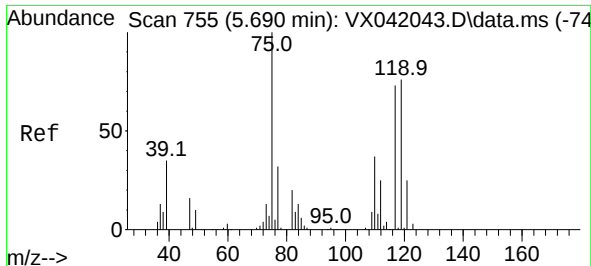
Tgt Ion:114 Resp: 221966
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.465 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Tgt Ion:113 Resp: 68456
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 25.4 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.765 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX042114.D

Acq: 01 Jul 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

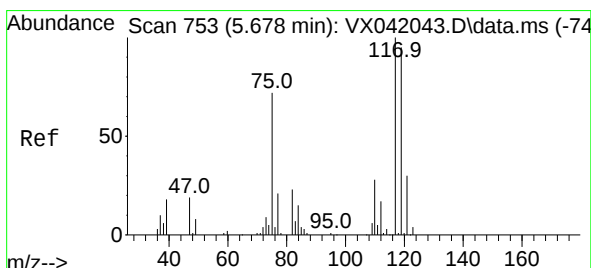
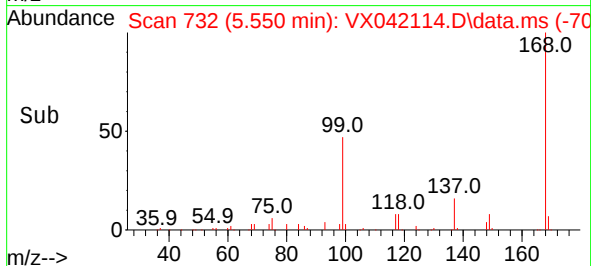
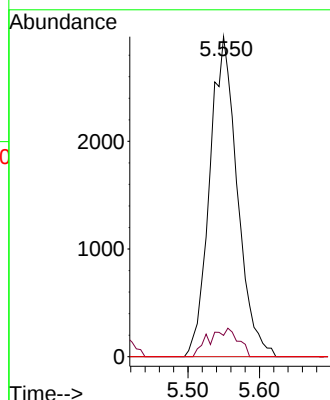
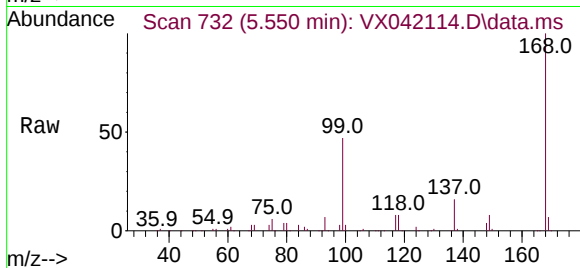
Tgt Ion: 75 Resp: 7970

Ion Ratio Lower Upper

75 100

110 9.4 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.483 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX042114.D

Acq: 01 Jul 2024 15:08

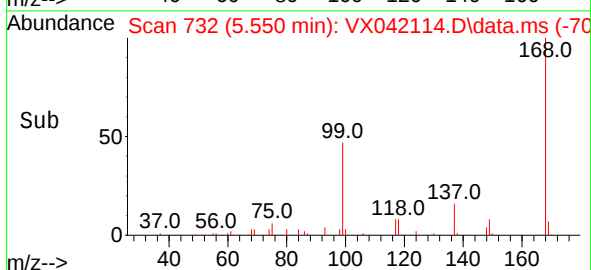
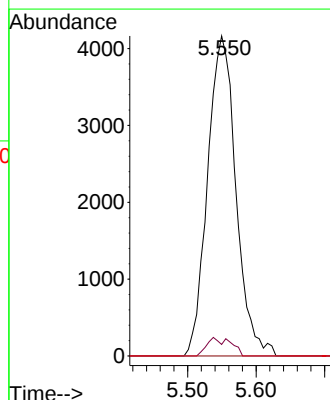
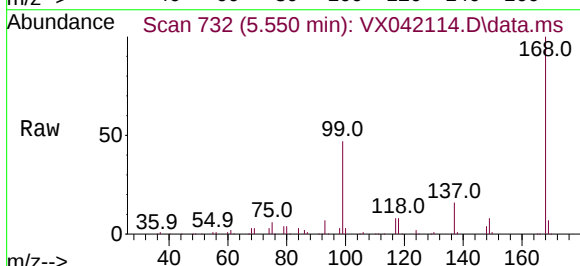
Tgt Ion:117 Resp: 11979

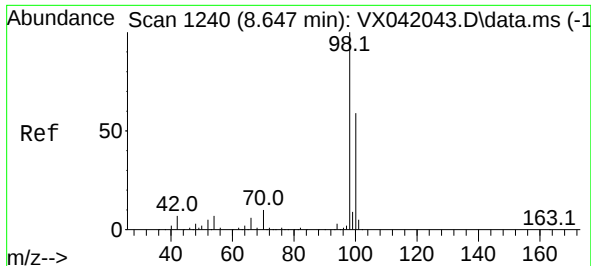
Ion Ratio Lower Upper

117 100

119 3.6 78.2 117.2#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.552 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX042114.D

Acq: 01 Jul 2024 15:08

Instrument :

MSVOA_X

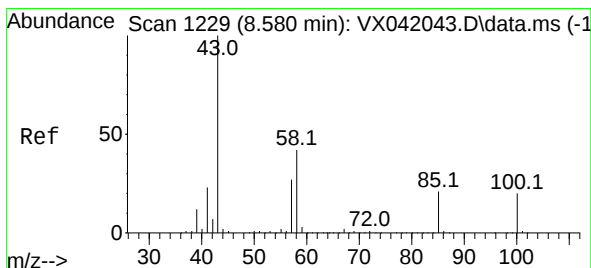
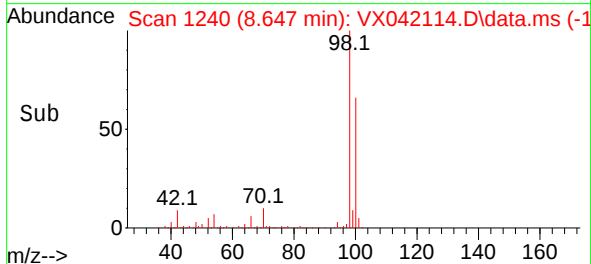
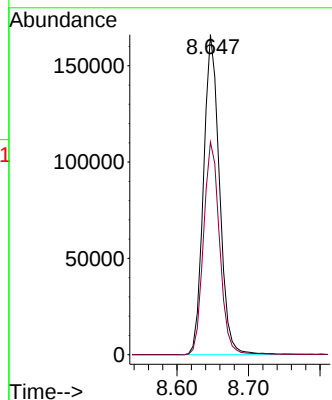
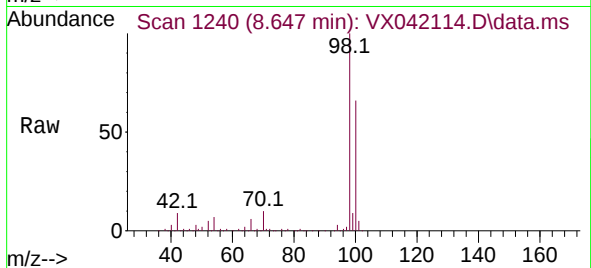
ClientSampleId :

Tgt Ion: 98 Resp: 257571

Ion Ratio Lower Upper

98 100

100 67.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.428 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX042114.D

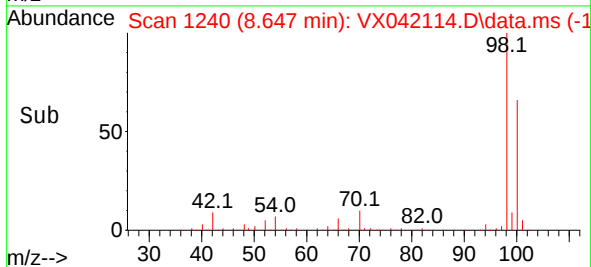
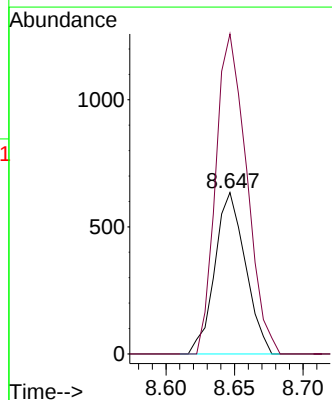
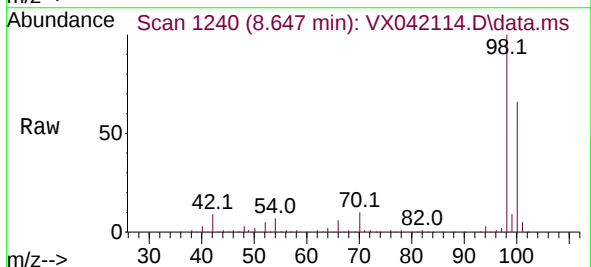
Acq: 01 Jul 2024 15:08

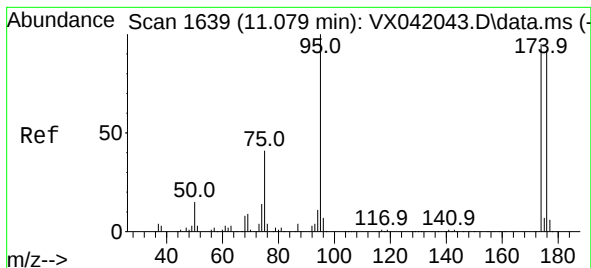
Tgt Ion: 43 Resp: 987

Ion Ratio Lower Upper

43 100

58 199.9 30.4 45.6#

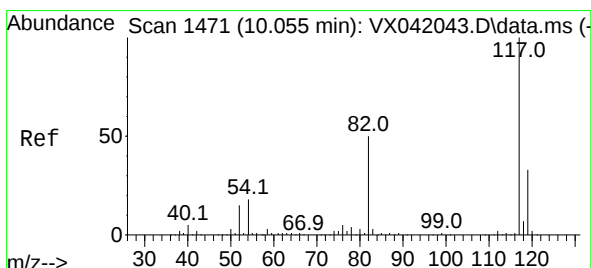
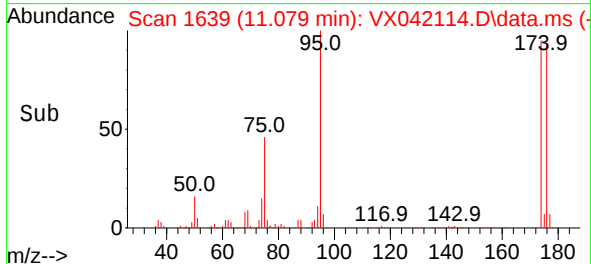
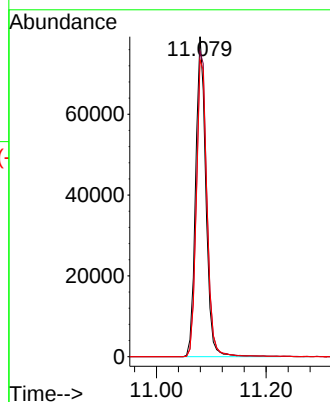
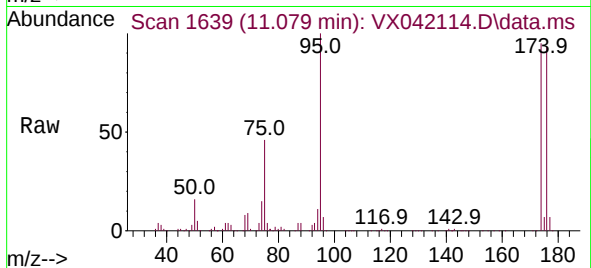




#62
4-Bromofluorobenzene
Concen: 50.460 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

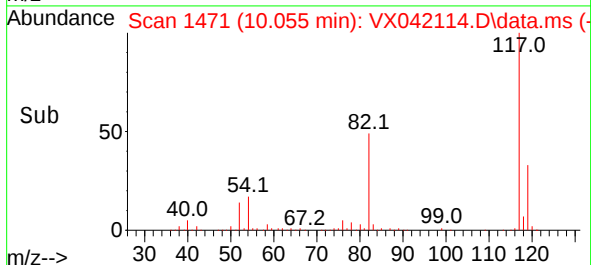
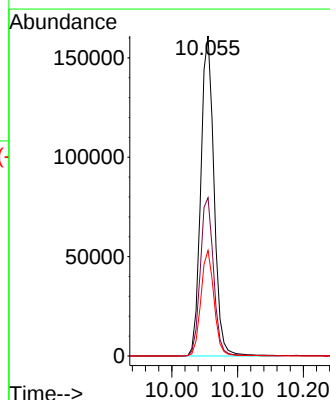
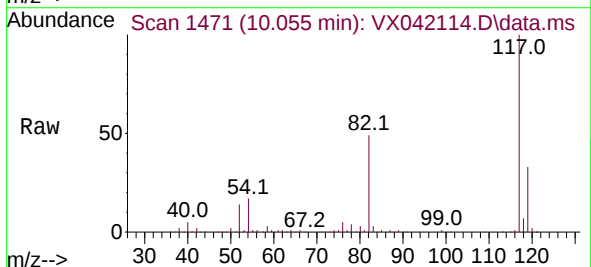
Instrument :
MSVOA_X
ClientSampleId :

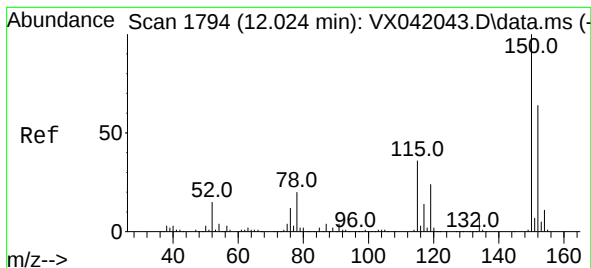
Tgt Ion: 95 Resp: 102917
Ion Ratio Lower Upper
95 100
174 98.3 0.0 135.6
176 96.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Tgt Ion: 117 Resp: 225374
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 33.0 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: VX042114.D

Acq: 01 Jul 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

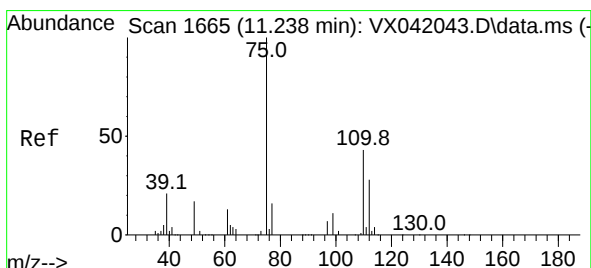
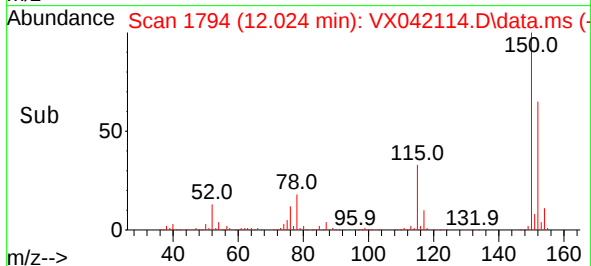
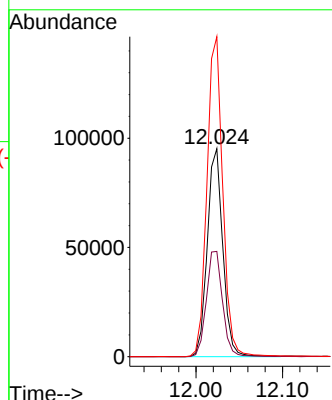
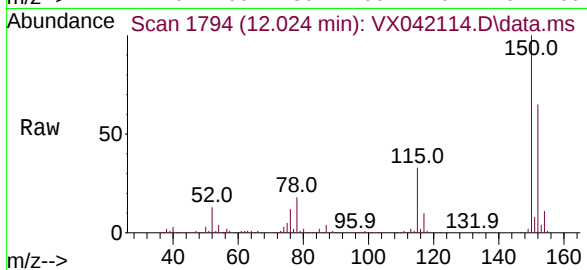
Tgt Ion:152 Resp: 118624

Ion Ratio Lower Upper

152 100

115 52.9 43.3 129.9

150 157.0 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.266 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042114.D

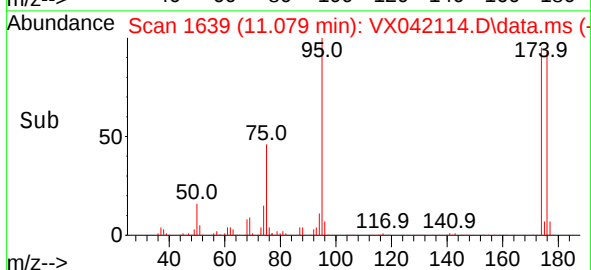
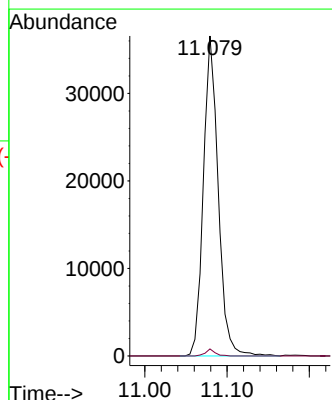
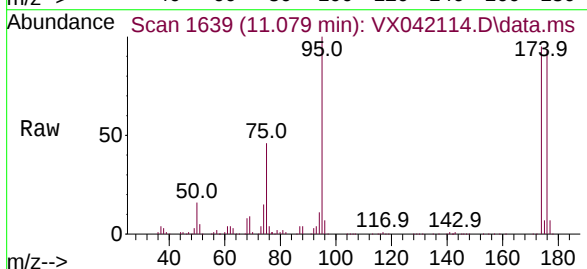
Acq: 01 Jul 2024 15:08

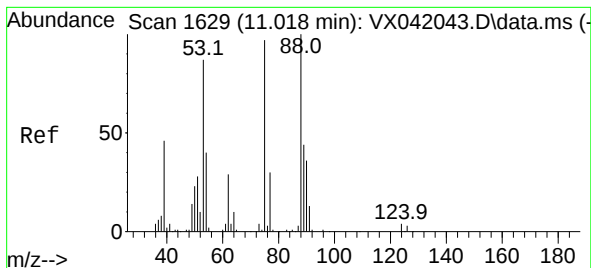
Tgt Ion: 75 Resp: 45797

Ion Ratio Lower Upper

75 100

77 1.4 19.1 57.5#

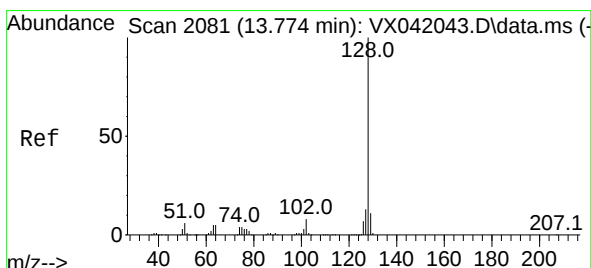
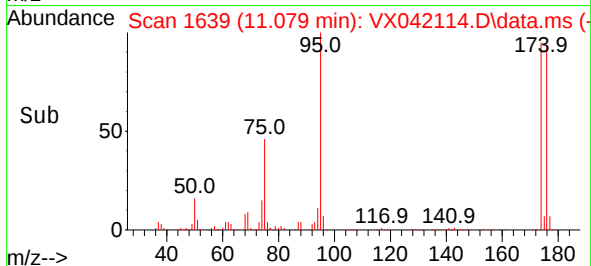
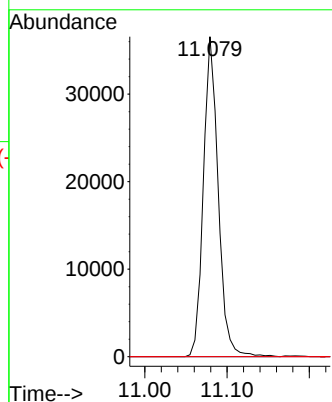
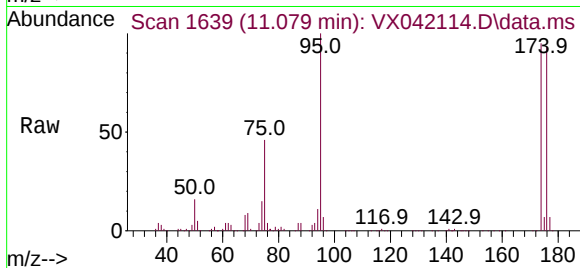




#81
trans-1,4-Dichloro-2-butene
Concen: 60.394 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 45797
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.194 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042114.D
Acq: 01 Jul 2024 15:08

Tgt Ion:128 Resp: 3853
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 8.8 8.8 13.2#

