

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043043.D
 Acq On : 14 Aug 2024 19:50
 Operator : JC/MD
 Sample : P3542-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 15 04:36:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

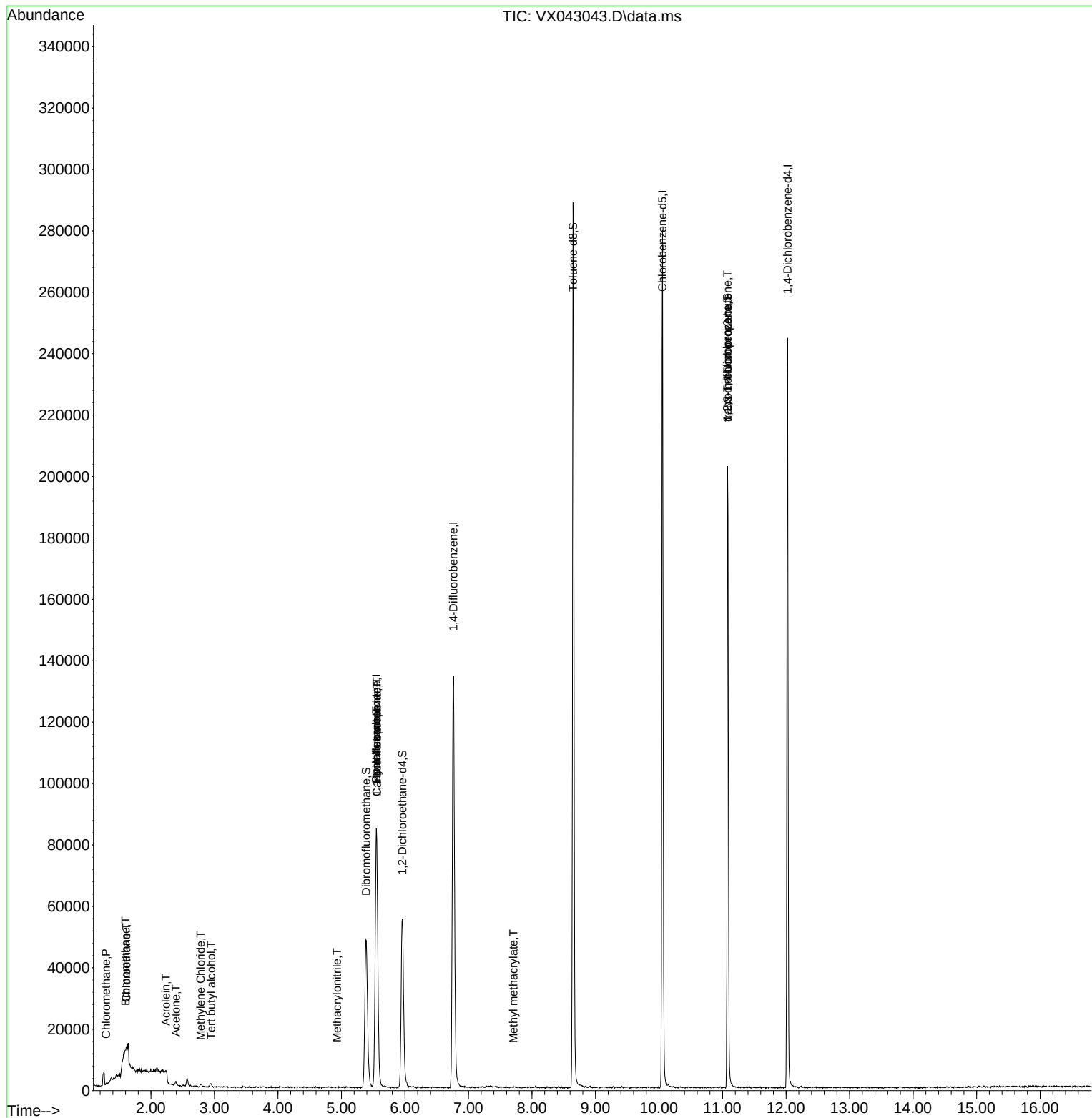
Internal Standards						
1) Pentafluorobenzene	5.550	168	83120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50431	46.174	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.340%
35) Dibromofluoromethane	5.385	113	44618	49.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	8.647	98	174752	50.121	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	11.079	95	57694	45.635	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	404	0.325	ug/l	90
5) Bromomethane	1.599	94	493	1.302	ug/l #	34
6) Chloroethane	1.611	64	83	0.211	ug/l #	43
11) Tert butyl alcohol	2.947	59	454	1.611	ug/l	99
13) Acrolein	2.233	56	301	1.057	ug/l #	14
16) Acetone	2.392	43	1412	2.607	ug/l #	65
20) Methylene Chloride	2.782	84	472	0.377	ug/l #	85
31) Cyclohexane	5.550	56	2012	1.105	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6294	5.016	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8082	6.370	ug/l #	15
41) Methacrylonitrile	4.928	41	215	0.231	ug/l #	47
48) Methyl methacrylate	7.708	41	171	0.532	ug/l #	38
76) 1,2,3-Trichloropropane	11.079	75	28409	23.403	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	28409	51.047	ug/l #	5

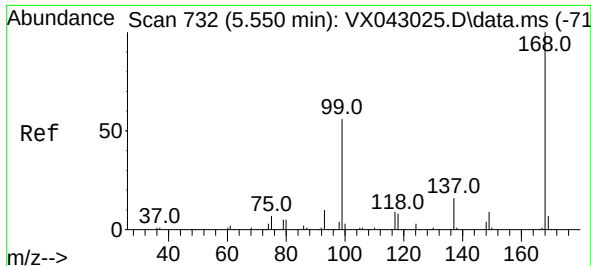
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
Data File : VX043043.D
Acq On : 14 Aug 2024 19:50
Operator : JC/MD
Sample : P3542-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

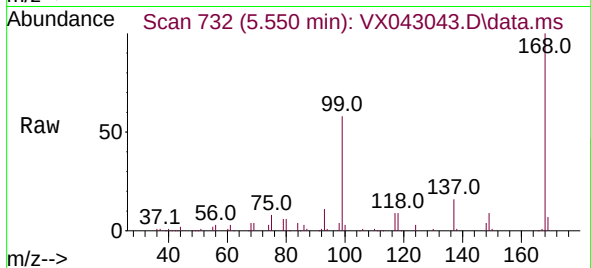
Quant Time: Aug 15 04:36:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration



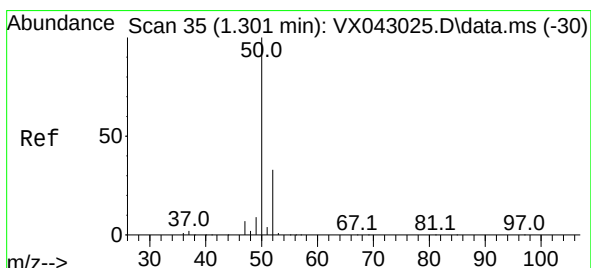
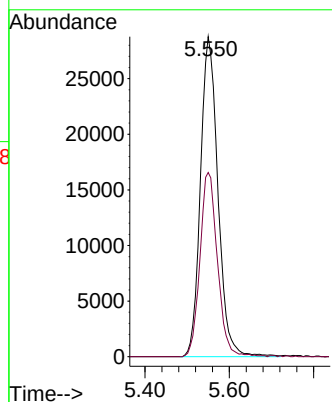
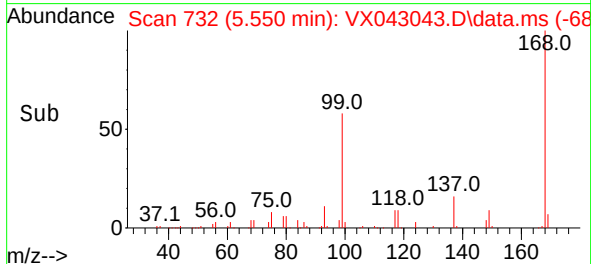


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043043.D
Acq: 14 Aug 2024 19:50

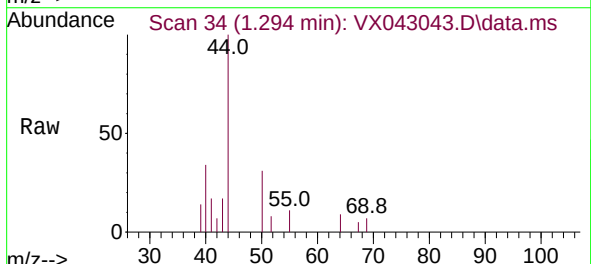
Instrument :
MSVOA_X
ClientSampleId :



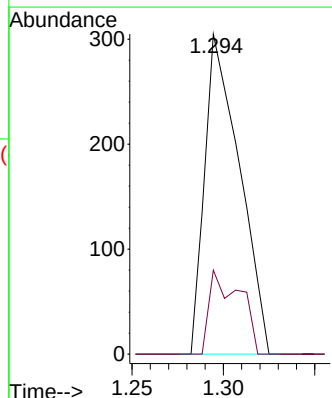
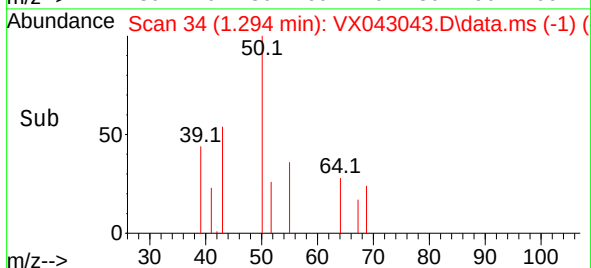
Tgt Ion:168 Resp: 83120
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0

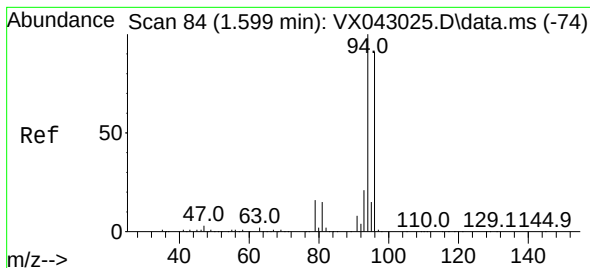


#3
Chloromethane
Concen: 0.325 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043043.D
Acq: 14 Aug 2024 19:50



Tgt Ion: 50 Resp: 404
Ion Ratio Lower Upper
50 100
52 26.2 25.5 38.3





#5

Bromomethane

Concen: 1.302 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Instrument :

MSVOA_X

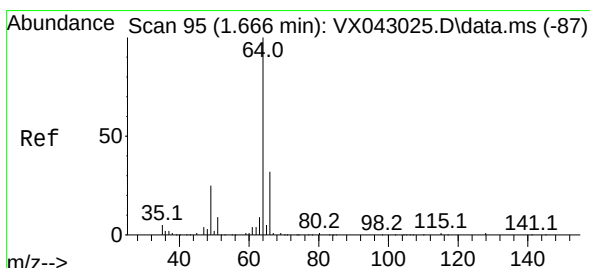
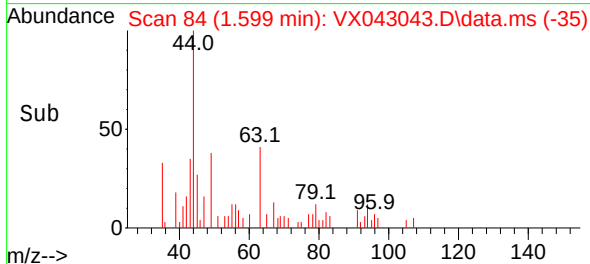
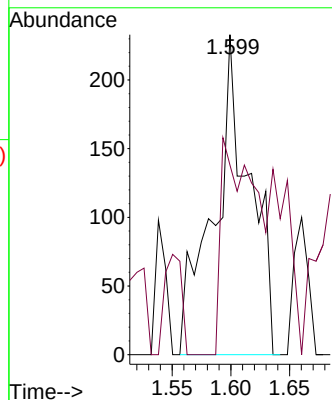
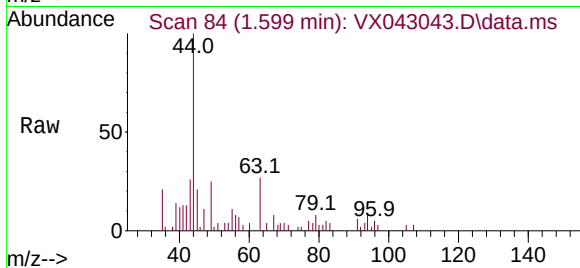
ClientSampleId :

Tgt Ion: 94 Resp: 493

Ion Ratio Lower Upper

94 100

96 30.0 74.6 111.8#



#6

Chloroethane

Concen: 0.211 ug/l

RT: 1.611 min Scan# 86

Delta R.T. -0.055 min

Lab File: VX043043.D

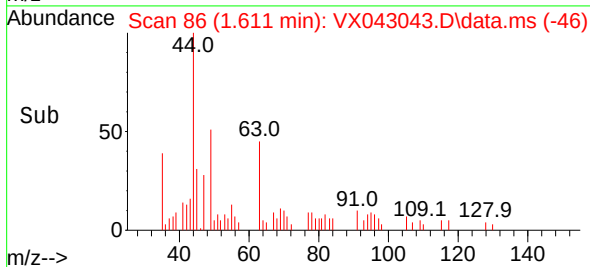
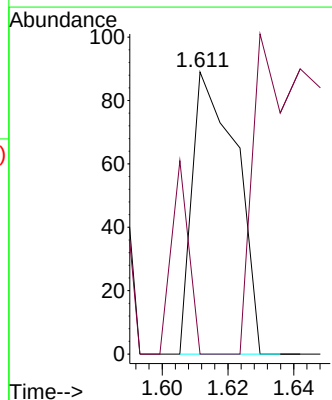
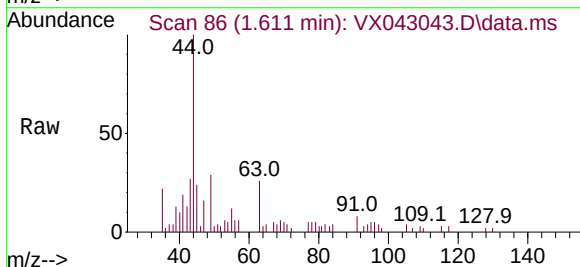
Acq: 14 Aug 2024 19:50

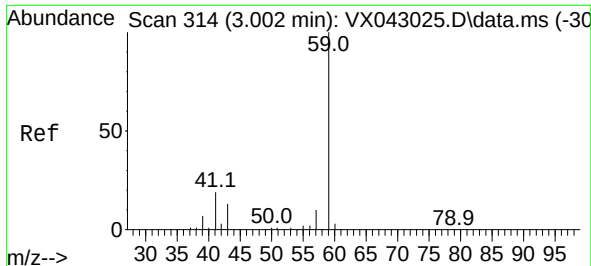
Tgt Ion: 64 Resp: 83

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 1.611 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.055 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Instrument :

MSVOA_X

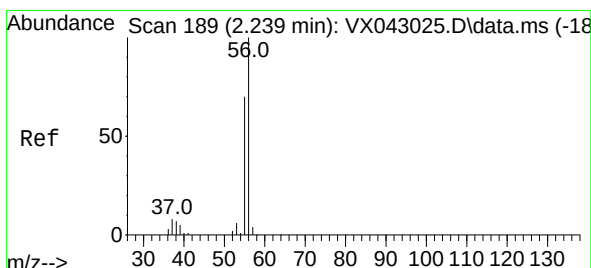
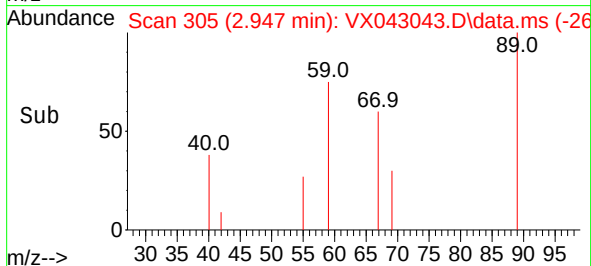
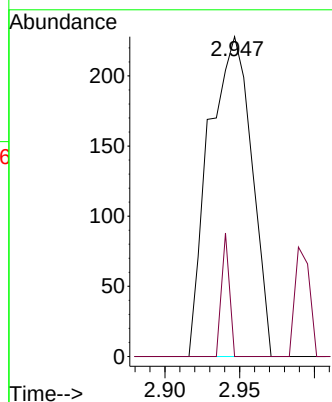
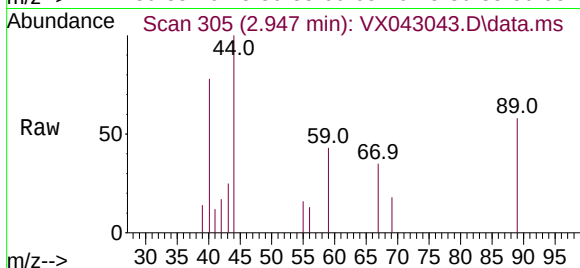
ClientSampleId :

Tgt Ion: 59 Resp: 454

Ion Ratio Lower Upper

59 100

57 7.0 6.0 9.0



#13

Acrolein

Concen: 1.057 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX043043.D

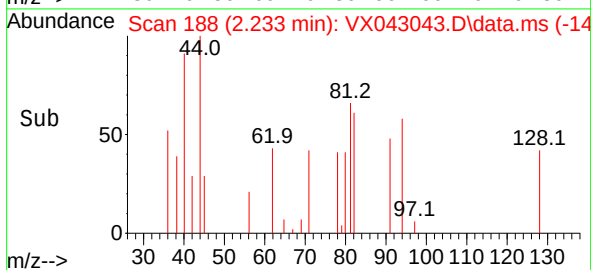
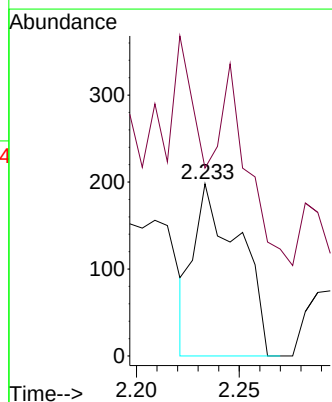
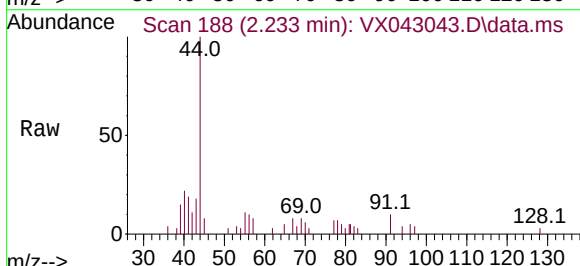
Acq: 14 Aug 2024 19:50

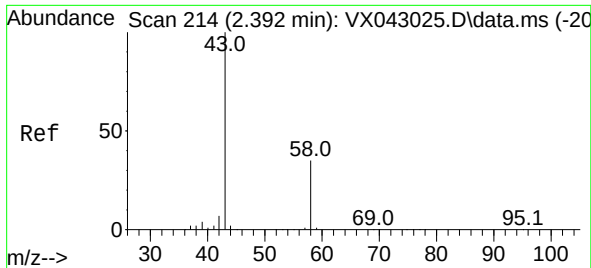
Tgt Ion: 56 Resp: 301

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#





#16

Acetone

Concen: 2.607 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Instrument :

MSVOA_X

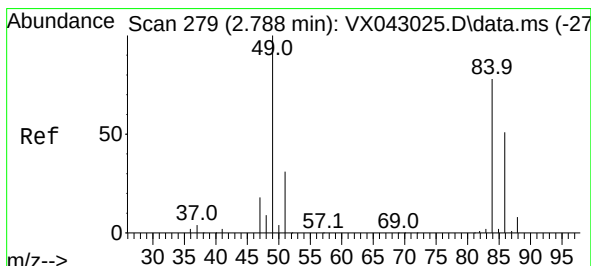
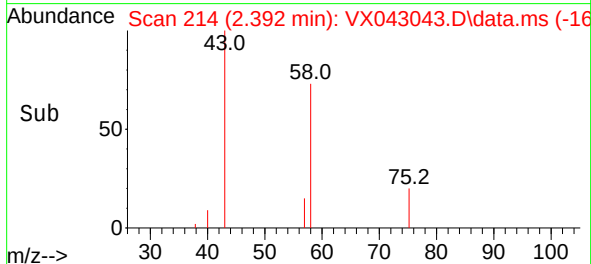
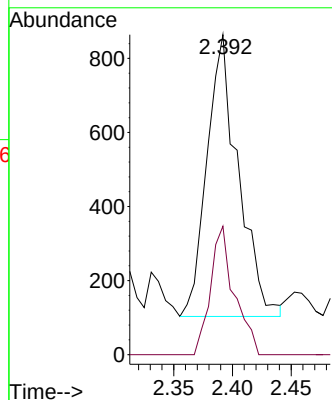
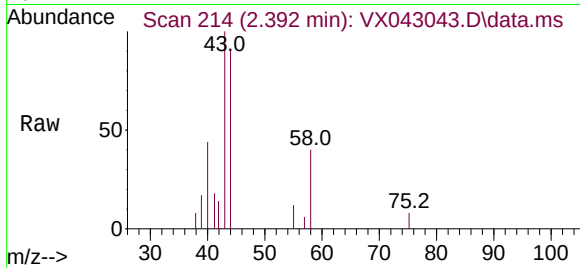
ClientSampleId :

Tgt Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

58 45.6 21.9 32.9#



#20

Methylene Chloride

Concen: 0.377 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Tgt Ion: 84 Resp: 472

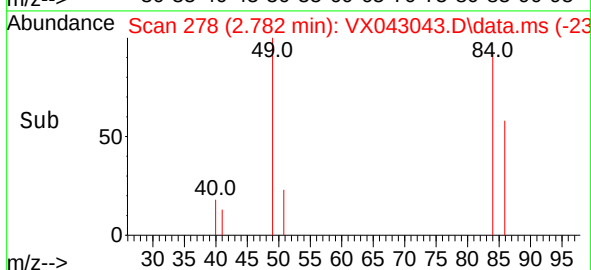
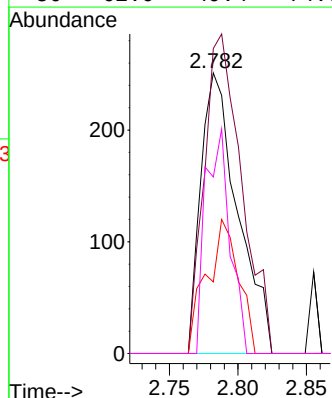
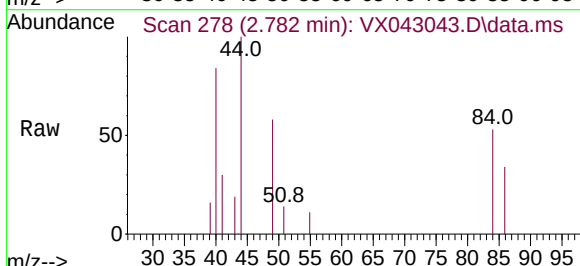
Ion Ratio Lower Upper

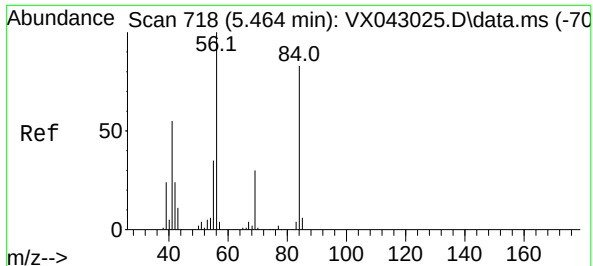
84 100

49 108.8 103.6 155.4

51 25.5 33.8 50.6#

86 62.9 49.4 74.0





#31

Cyclohexane

Concen: 1.105 ug/l

RT: 5.550 min Scan# 718

Delta R.T. 0.085 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

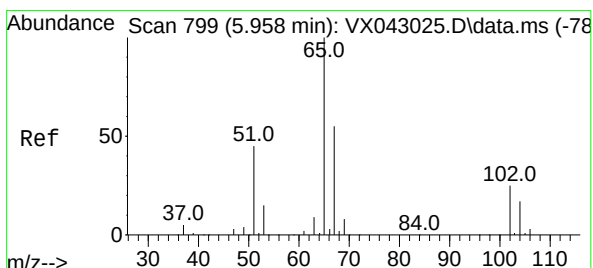
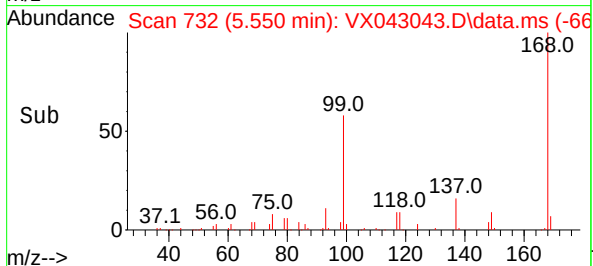
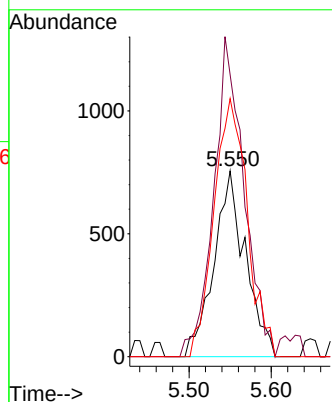
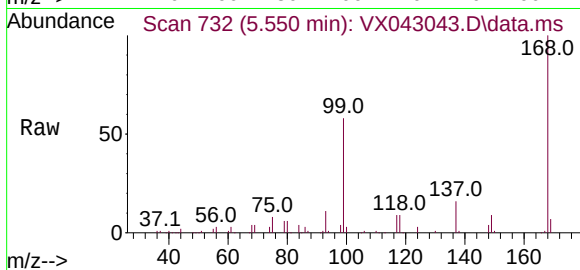
Tgt Ion: 56 Resp: 2012

Ion Ratio Lower Upper

56 100

69 151.9 23.4 35.2#

84 152.2 65.9 98.9#



#33

1,2-Dichloroethane-d4

Concen: 46.174 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX043043.D

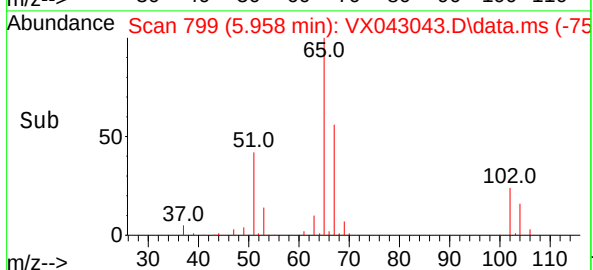
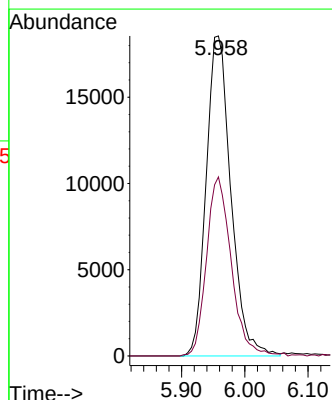
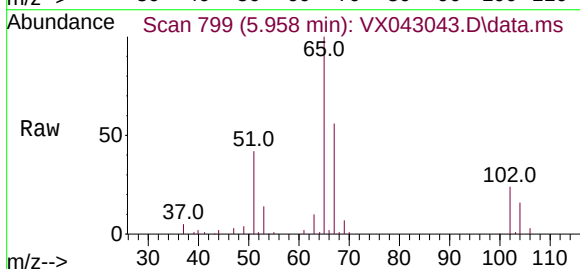
Acq: 14 Aug 2024 19:50

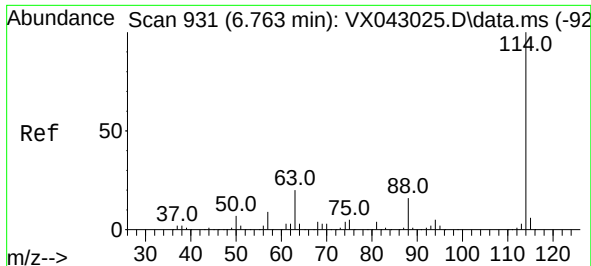
Tgt Ion: 65 Resp: 50431

Ion Ratio Lower Upper

65 100

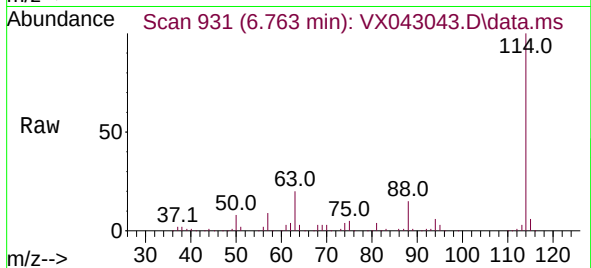
67 56.1 0.0 100.2



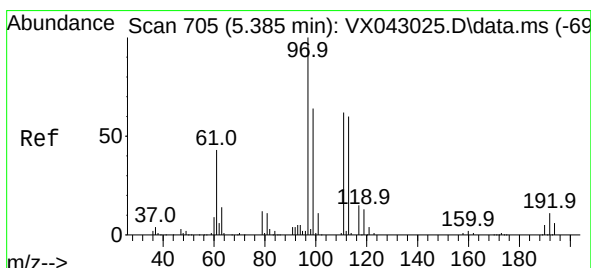
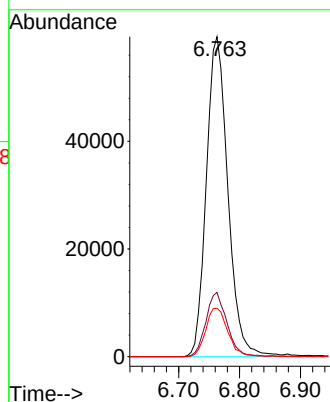
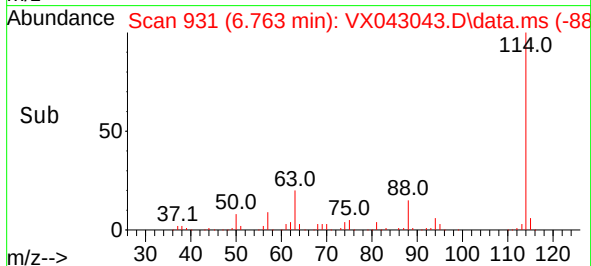


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX043043.D
Acq: 14 Aug 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :

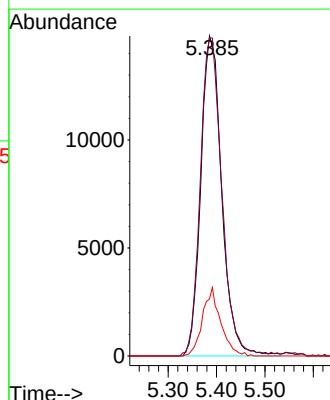
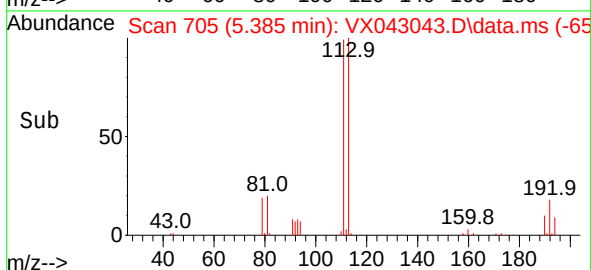
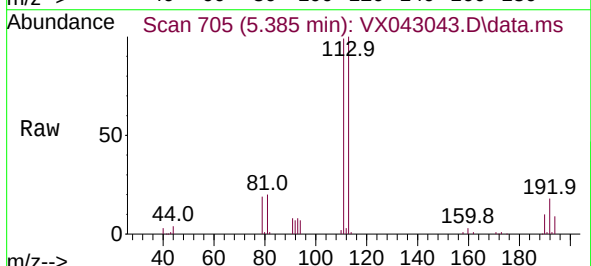


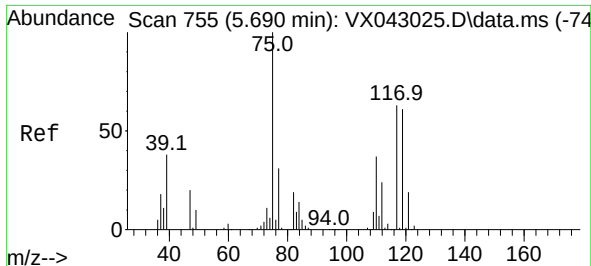
Tgt Ion:114 Resp: 146001
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.399 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043043.D
Acq: 14 Aug 2024 19:50

Tgt Ion:113 Resp: 44618
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 18.5 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.016 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

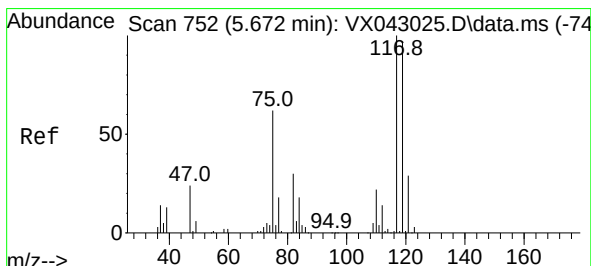
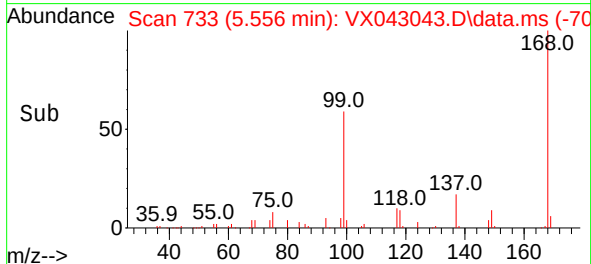
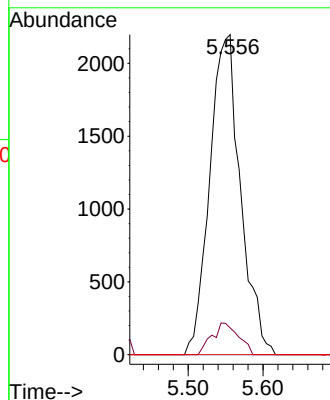
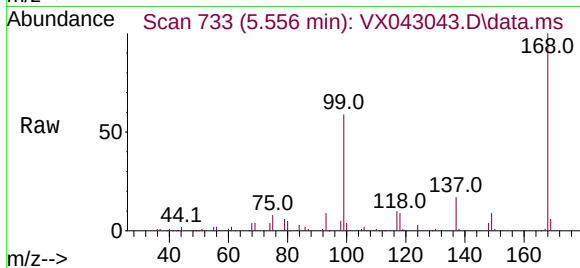
Tgt Ion: 75 Resp: 6294

Ion Ratio Lower Upper

75 100

110 8.5 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.370 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.116 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

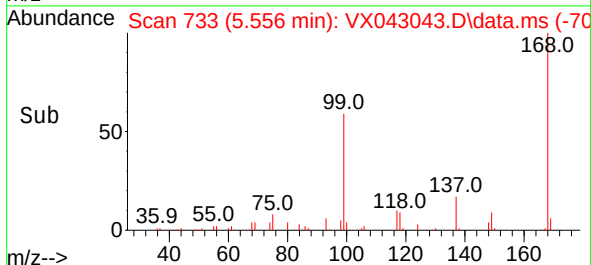
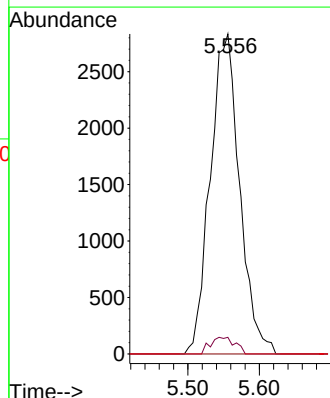
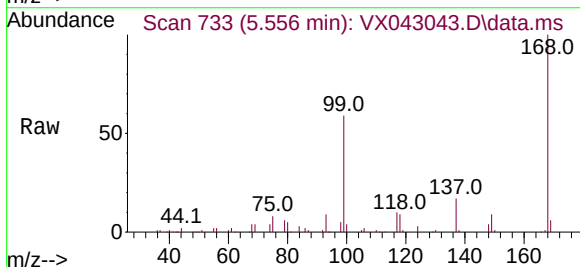
Tgt Ion: 117 Resp: 8082

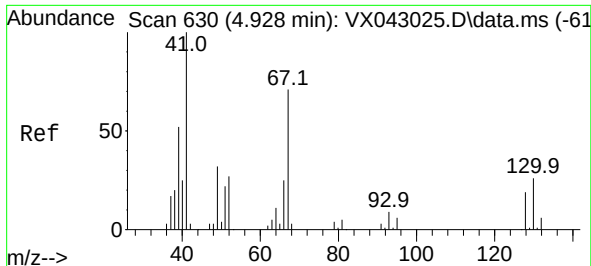
Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

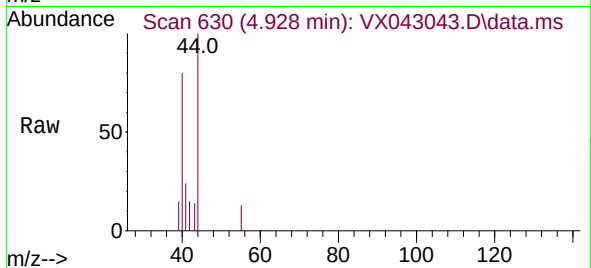
121 0.0 24.4 36.6#



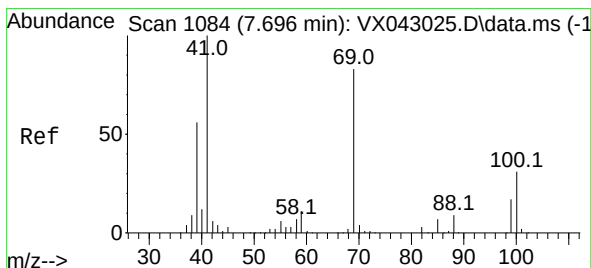
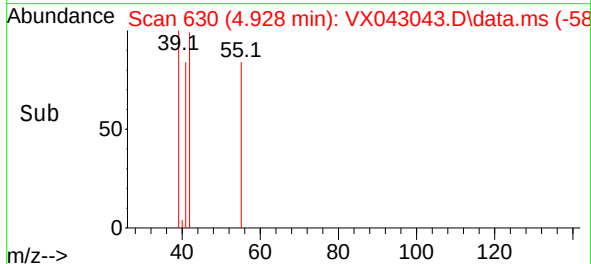
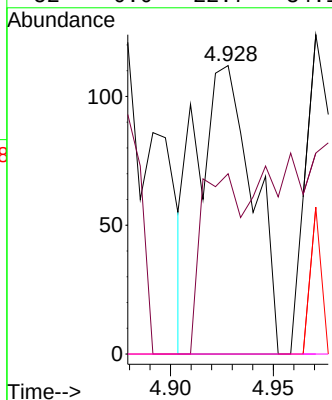


#41
Methacrylonitrile
Concen: 0.231 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043043.D
Acq: 14 Aug 2024 19:50

Instrument :
MSVOA_X
ClientSampleId :

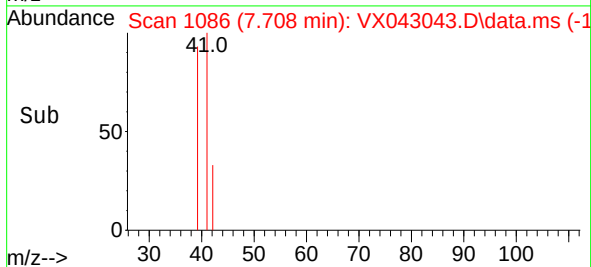
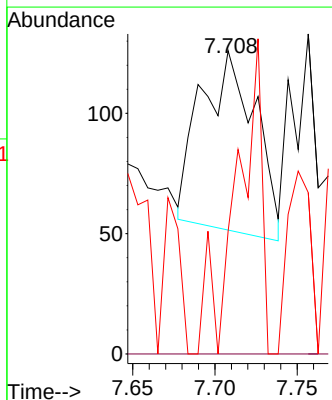
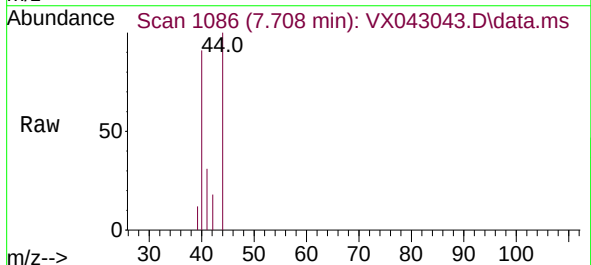


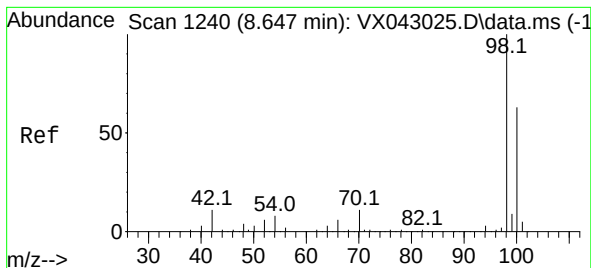
Tgt Ion:	41	Resp:	215
Ion	Ratio	Lower	Upper
41	100		
39	43.7	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#48
Methyl methacrylate
Concen: 0.532 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.012 min
Lab File: VX043043.D
Acq: 14 Aug 2024 19:50

Tgt Ion:	41	Resp:	171
Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.2	88.8#
39	81.9	47.7	71.5#





#50

Toluene-d8

Concen: 50.121 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min MSVOA_X

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Instrument :

MSVOA_X

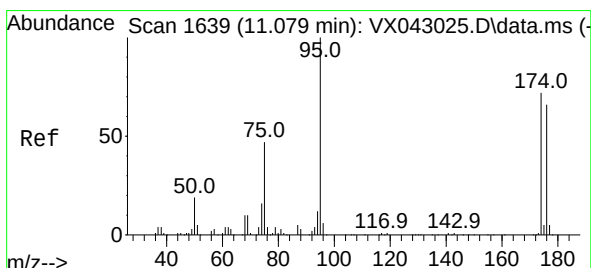
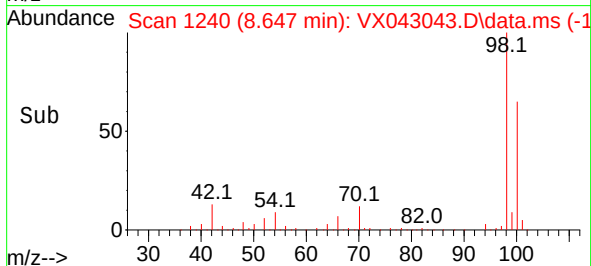
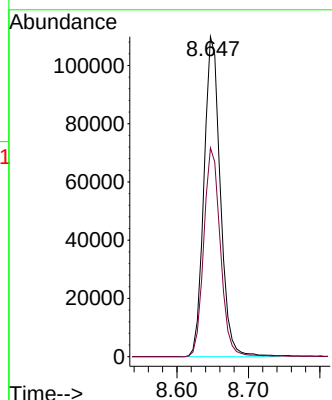
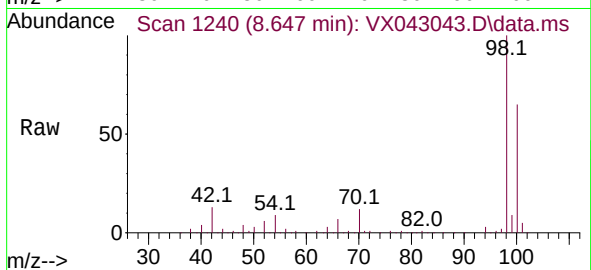
ClientSampleId :

Tgt Ion: 98 Resp: 174752

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.635 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

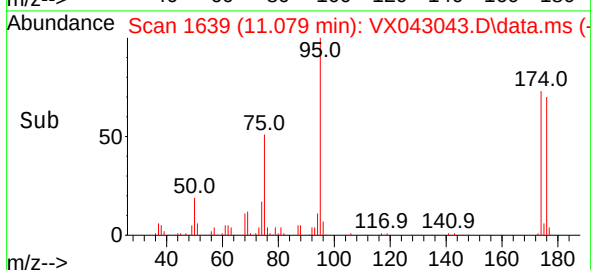
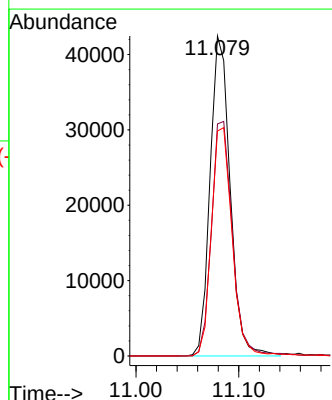
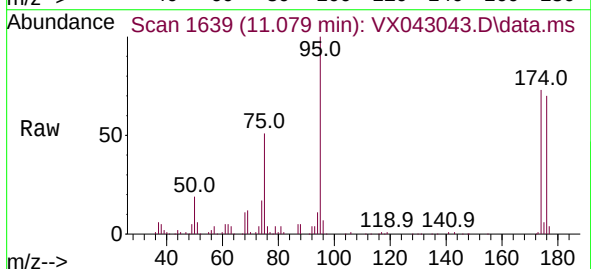
Tgt Ion: 95 Resp: 57694

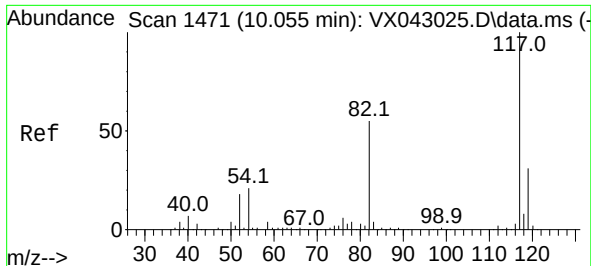
Ion Ratio Lower Upper

95 100

174 76.4 0.0 135.6

176 74.0 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: VX043043.D

Acq: 14 Aug 2024 19:50

Instrument :

MSVOA_X

ClientSampleId :

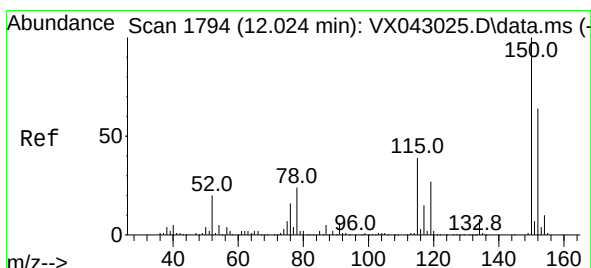
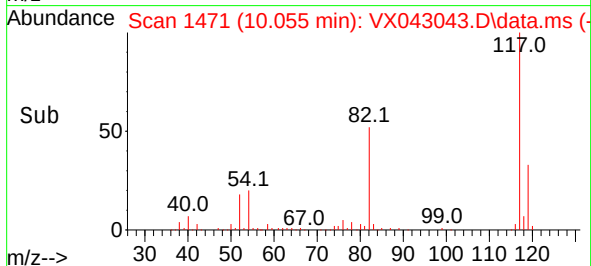
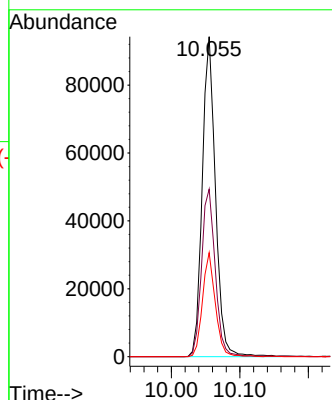
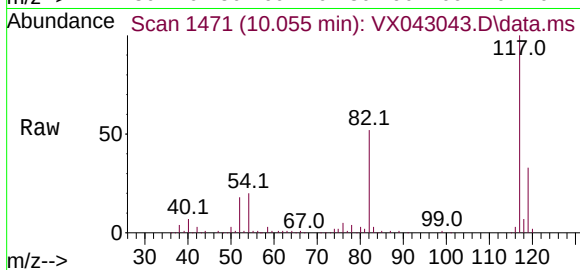
Tgt Ion:117 Resp: 126906

Ion Ratio Lower Upper

117 100

82 52.3 46.2 69.4

119 32.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

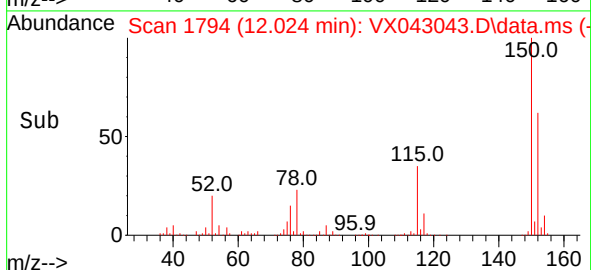
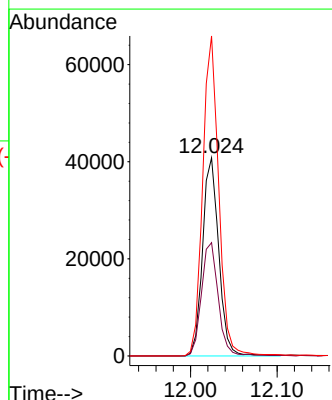
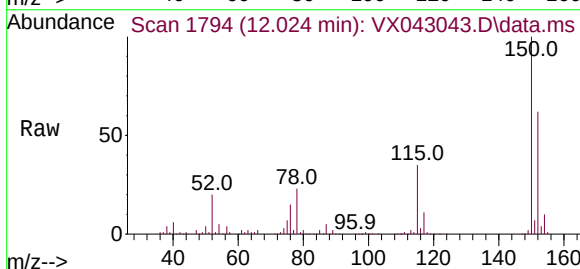
Tgt Ion:152 Resp: 52967

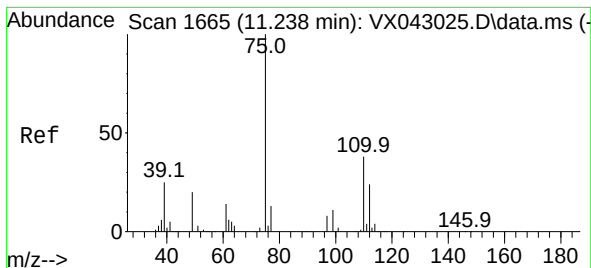
Ion Ratio Lower Upper

152 100

115 59.6 43.3 129.9

150 160.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.403 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Instrument :

MSVOA_X

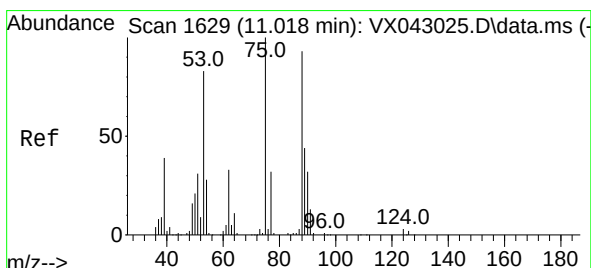
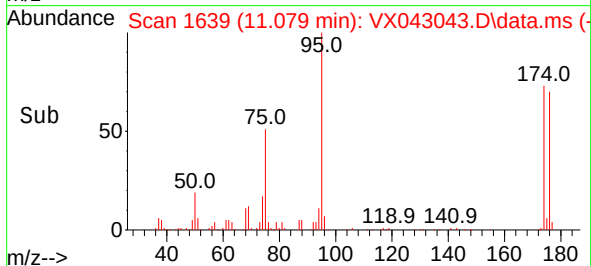
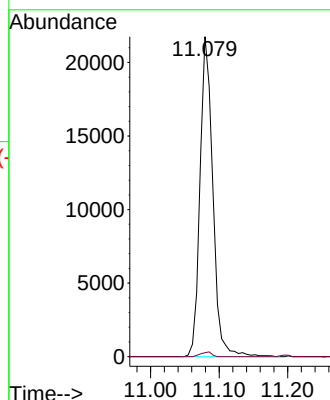
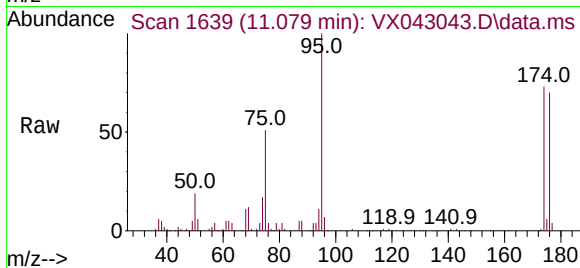
ClientSampleId :

Tgt Ion: 75 Resp: 28409

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.047 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX043043.D

Acq: 14 Aug 2024 19:50

Tgt Ion: 75 Resp: 28409

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

