

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044467.D
 Acq On : 23 Dec 2024 09:23
 Operator : JC/MD
 Sample : VX1223MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 21:51:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

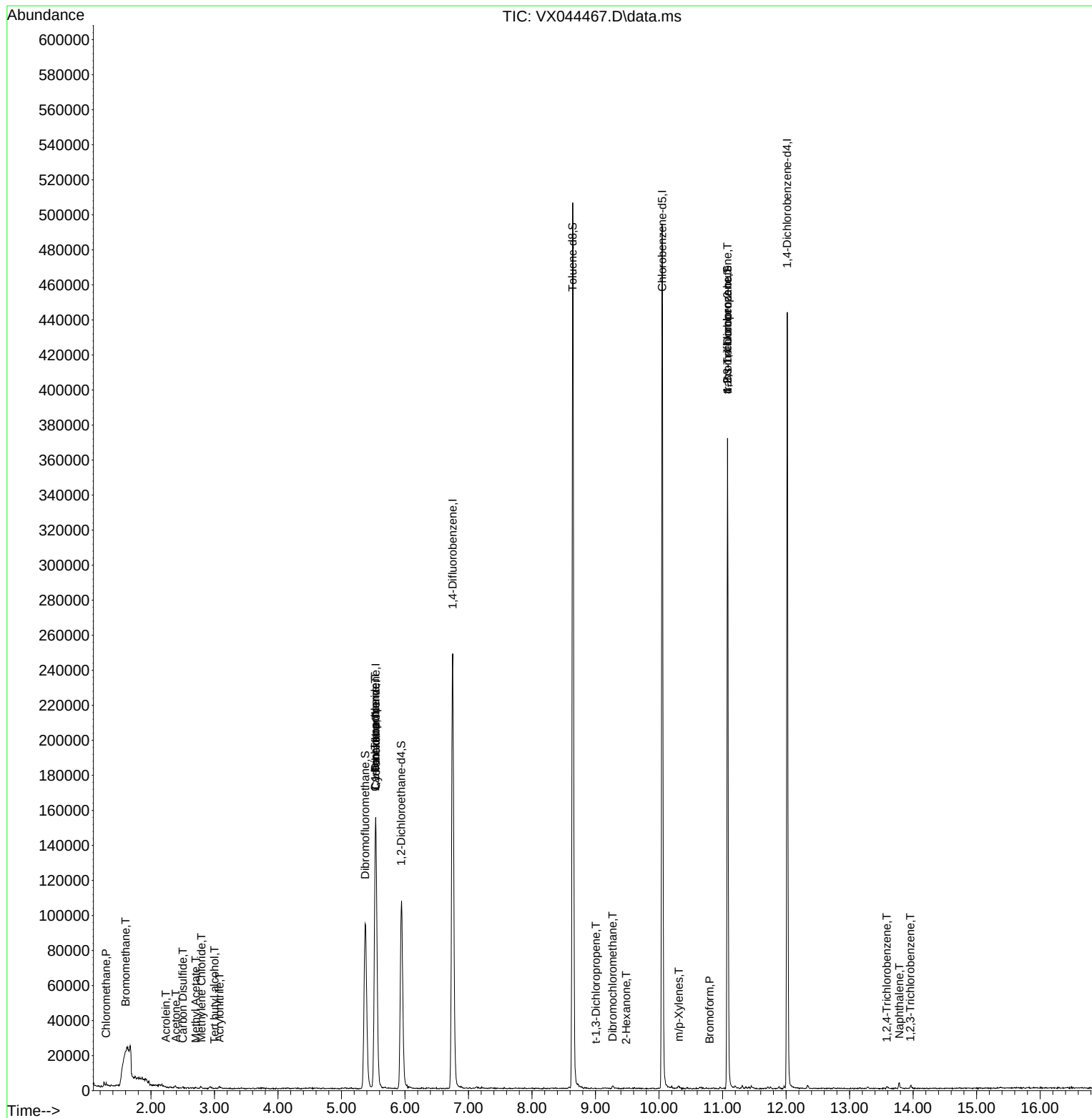
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.538	168	142988	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	255337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	217578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87749	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	101998	40.685	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.360%
35) Dibromofluoromethane	5.373	113	82505	46.654	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.300%
50) Toluene-d8	8.641	98	300383	50.347	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	11.079	95	91574	43.926	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.860%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	535	0.253	ug/l	94
5) Bromomethane	1.599	94	903	0.578	ug/l	81
11) Tert butyl alcohol	3.001	59	85	0.241	ug/l #	71
13) Acrolein	2.233	56	214	0.418	ug/l	92
15) Acrylonitrile	3.081	53	732	0.748	ug/l #	76
16) Acetone	2.392	43	1479	1.447	ug/l #	71
17) Carbon Disulfide	2.502	76	961	0.315	ug/l #	79
18) Methyl Acetate	2.703	43	742	0.282	ug/l	91
20) Methylene Chloride	2.794	84	476	0.248	ug/l #	59
31) Cyclohexane	5.544	56	3697	1.366	ug/l #	41
36) 1,1-Dichloropropene	5.531	75	11930	5.219	ug/l #	50
38) Carbon Tetrachloride	5.531	117	15572	6.327	ug/l #	17
53) t-1,3-Dichloropropene	9.006	75	165	1.063	ug/l #	41
59) 2-Hexanone	9.482	43	482	0.234	ug/l #	53
60) Dibromochloromethane	9.269	129	332	1.416	ug/l #	11
68) m/p-Xylenes	10.311	106	672	0.227	ug/l	74
71) Bromoform	10.799	173	93	1.326	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	50927	25.993	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	50927	71.753	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.585	180	610	0.377	ug/l	74
95) Naphthalene	13.786	128	3264	0.516	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.957	180	655	0.381	ug/l	93

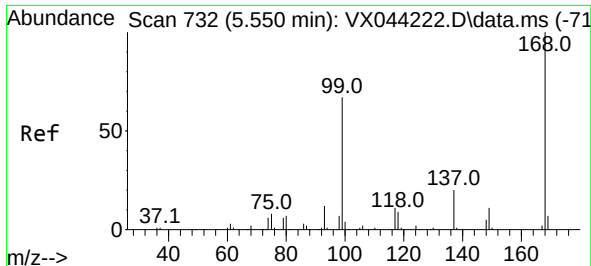
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044467.D
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Operator : JC/MD
Sample : VX1223MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

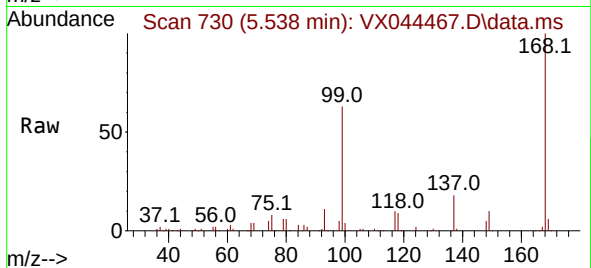
Quant Time: Dec 23 21:51:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



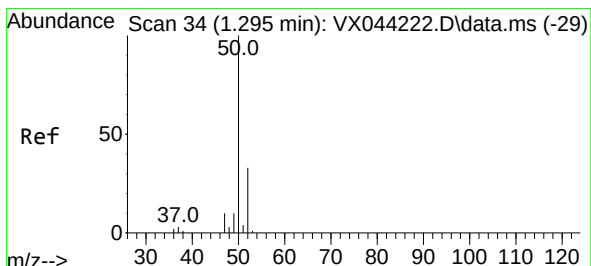
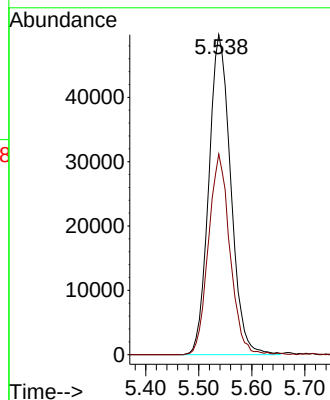
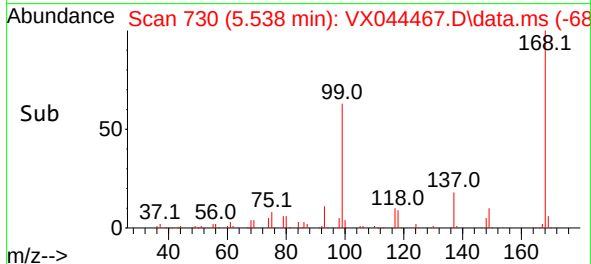


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :

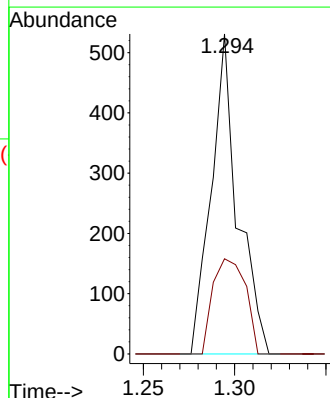
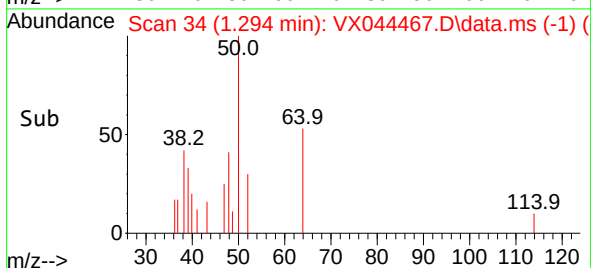
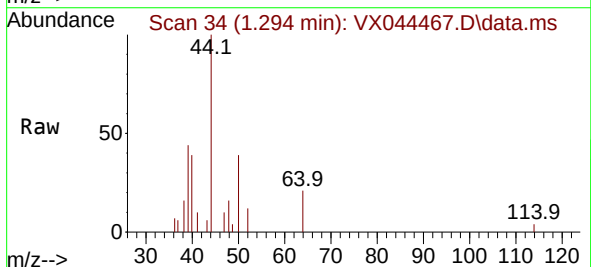


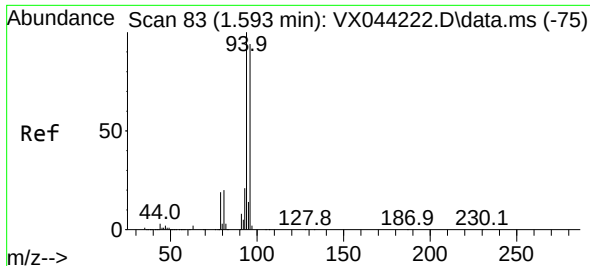
Tgt Ion:168 Resp: 142988
Ion Ratio Lower Upper
168 100
99 62.7 53.4 80.0



#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion: 50 Resp: 535
Ion Ratio Lower Upper
50 100
52 29.8 26.5 39.7

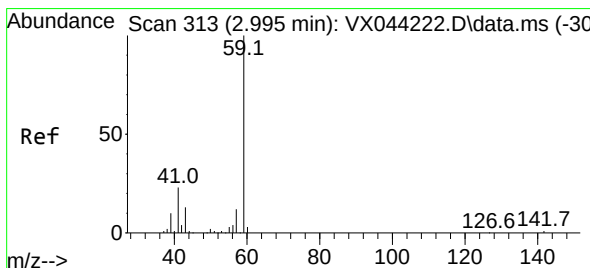
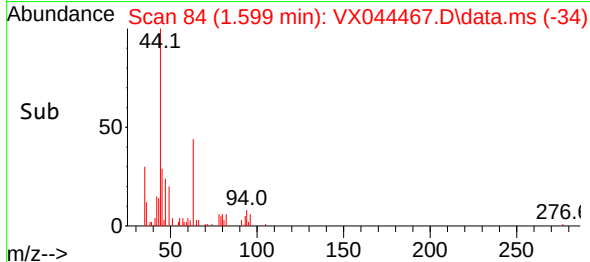
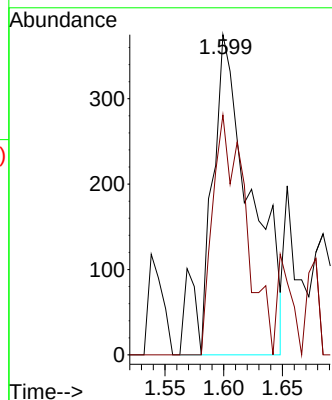
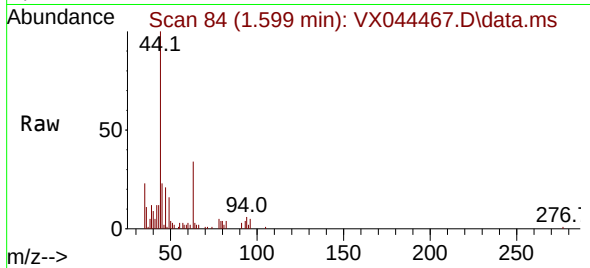




#5
Bromomethane
Concen: 0.578 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

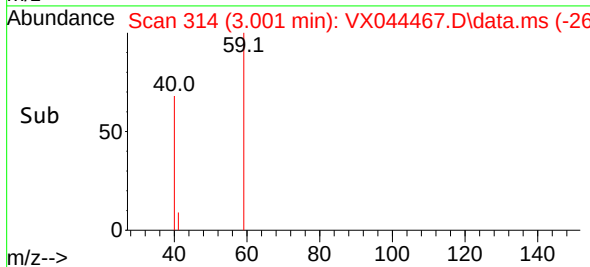
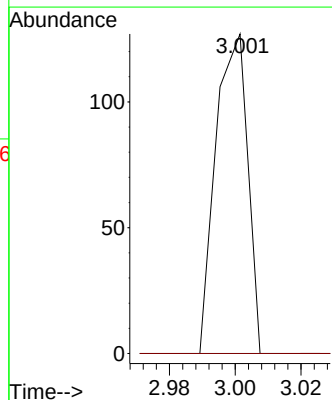
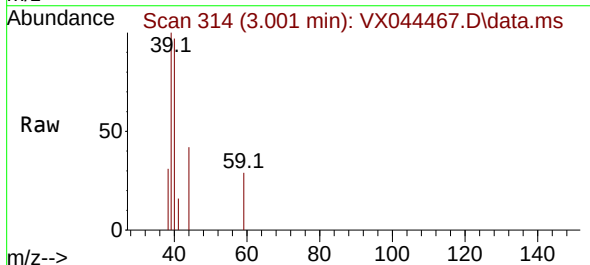
Instrument :
MSVOA_X
ClientSampleId :

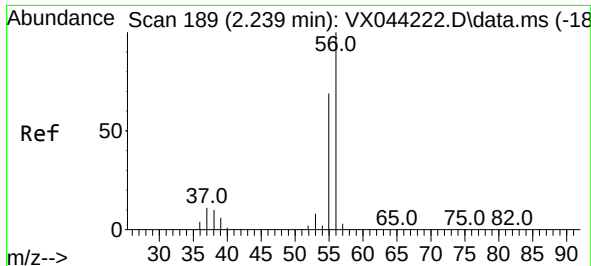
Tgt Ion: 94 Resp: 903
Ion Ratio Lower Upper
94 100
96 74.9 74.9 112.3



#11
Tert butyl alcohol
Concen: 0.241 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

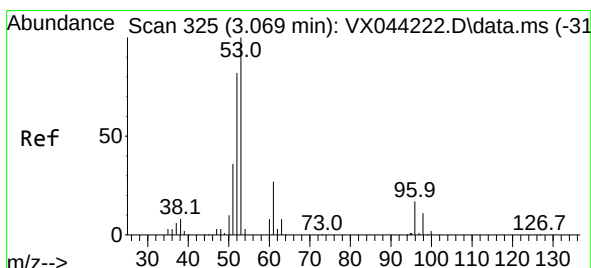
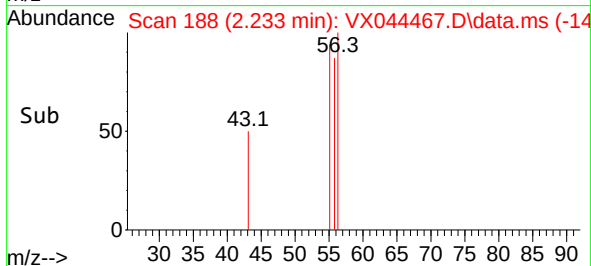
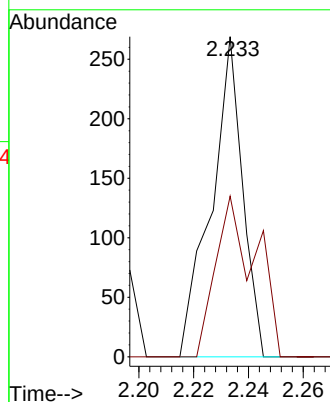
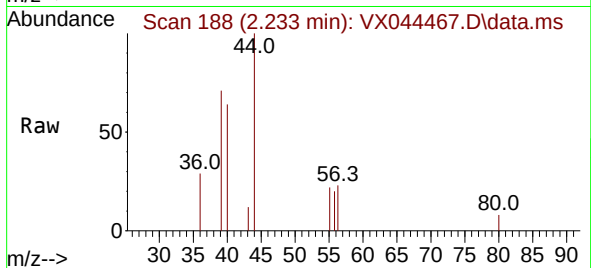




#13
Acrolein
Concen: 0.418 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

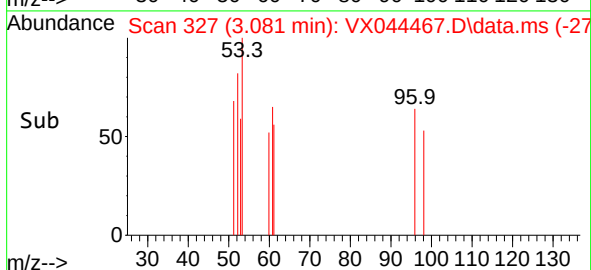
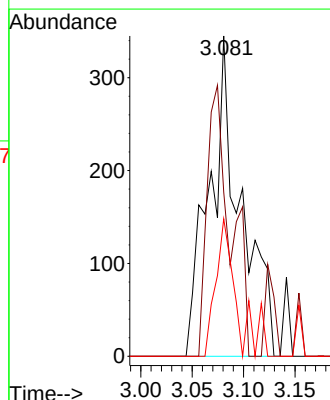
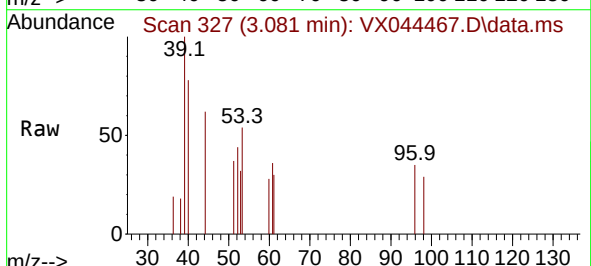
Instrument :
MSVOA_X
ClientSampleId :

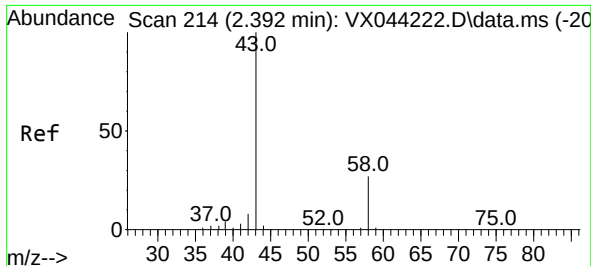
Tgt Ion: 56 Resp: 214
Ion Ratio Lower Upper
56 100
55 64.0 56.6 84.8



#15
Acrylonitrile
Concen: 0.748 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.012 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion: 53 Resp: 732
Ion Ratio Lower Upper
53 100
52 63.5 67.4 101.0#
51 22.5 30.3 45.5#

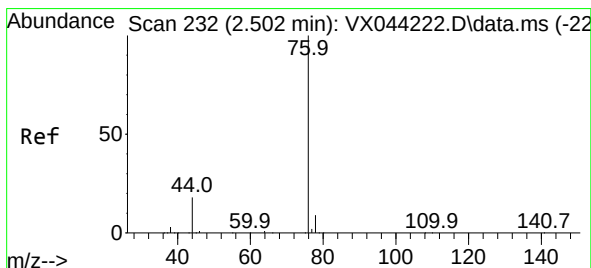
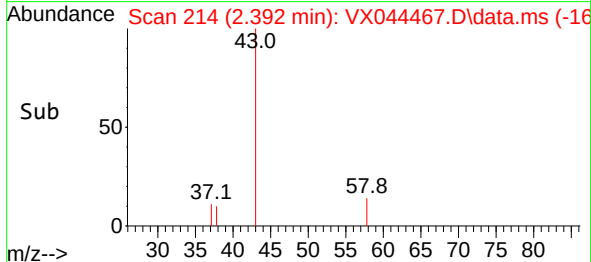
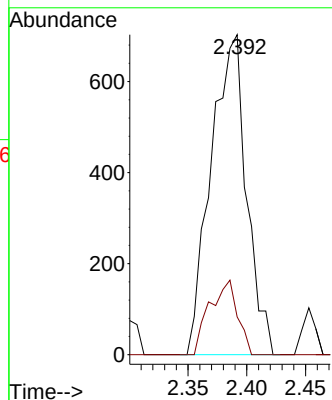
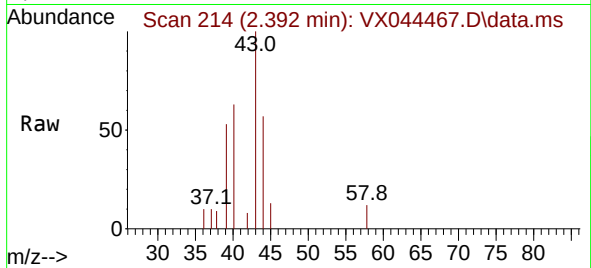




#16
Acetone
Concen: 1.447 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

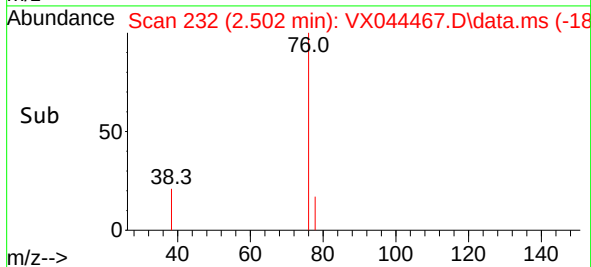
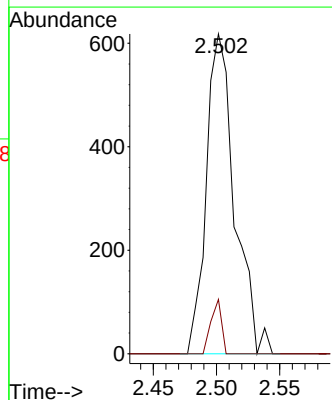
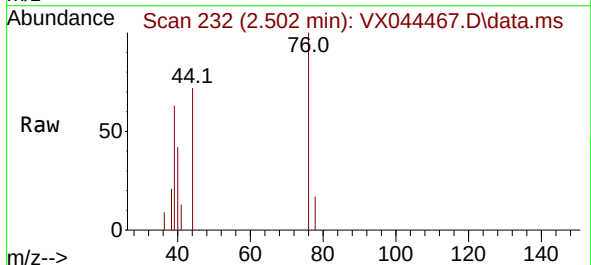
Instrument :
MSVOA_X
ClientSampleId :

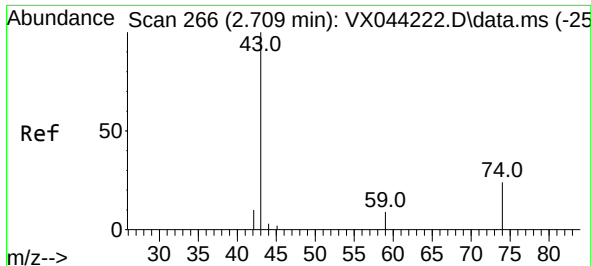
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 11.8 21.6 32.4#



#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion: 76 Resp: 961
Ion Ratio Lower Upper
76 100
78 17.0 7.4 11.0#





#18

Methyl Acetate

Concen: 0.282 ug/l

RT: 2.703 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX044467.D

Acq: 23 Dec 2024 09:23

Instrument :

MSVOA_X

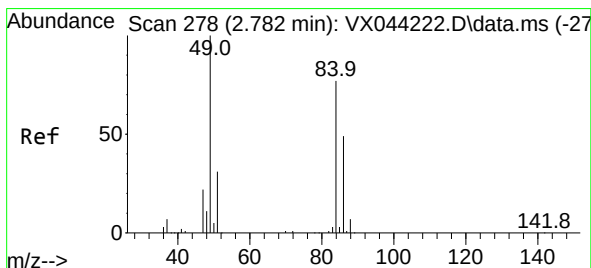
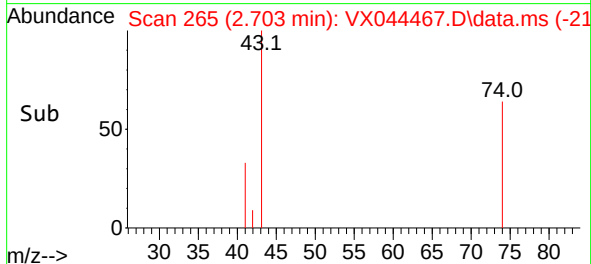
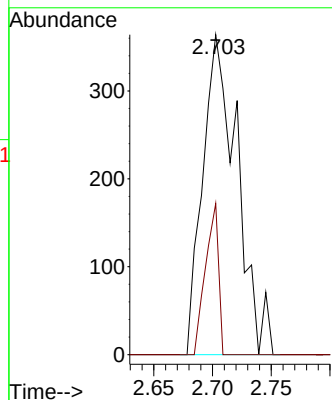
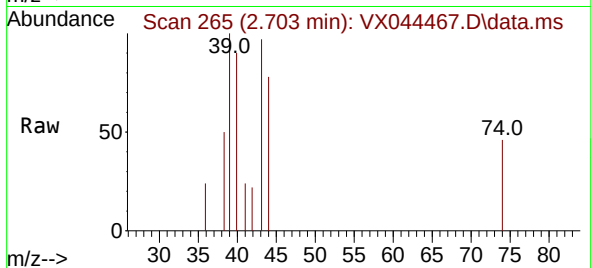
ClientSampleId :

Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

74 17.9 17.7 26.5



#20

Methylene Chloride

Concen: 0.248 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.012 min

Lab File: VX044467.D

Acq: 23 Dec 2024 09:23

Tgt Ion: 84 Resp: 476

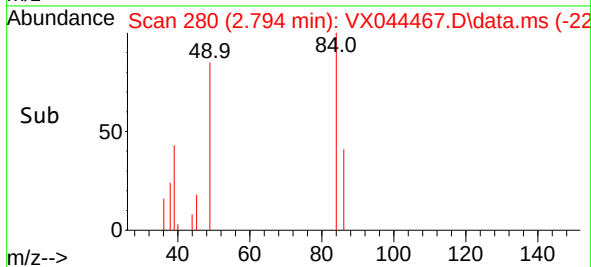
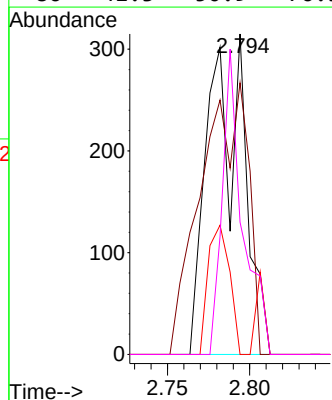
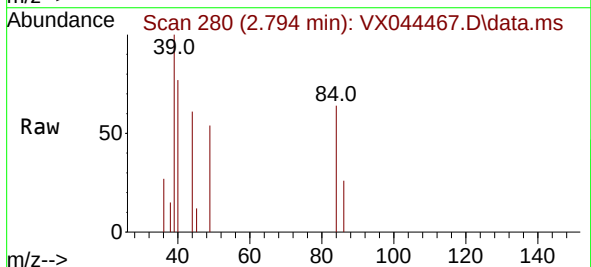
Ion Ratio Lower Upper

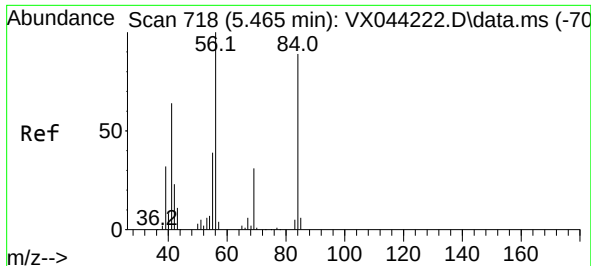
84 100

49 84.8 104.2 156.4#

51 0.0 32.2 48.4#

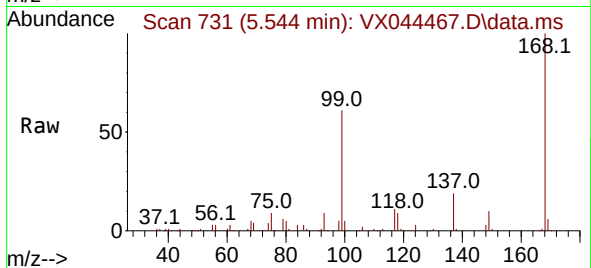
86 41.3 50.9 76.3#



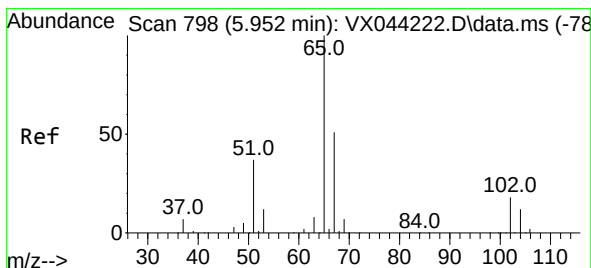
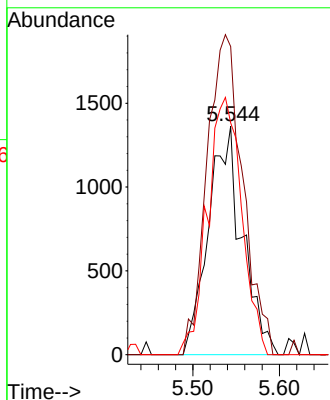
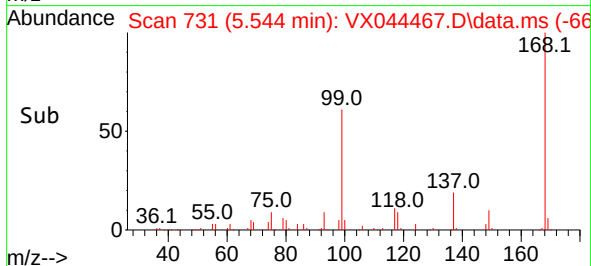


#31
Cyclohexane
Concen: 1.366 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Instrument :
MSVOA_X
ClientSampleId :

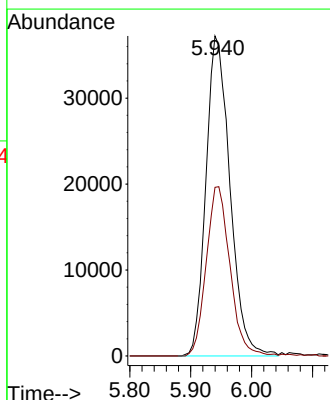
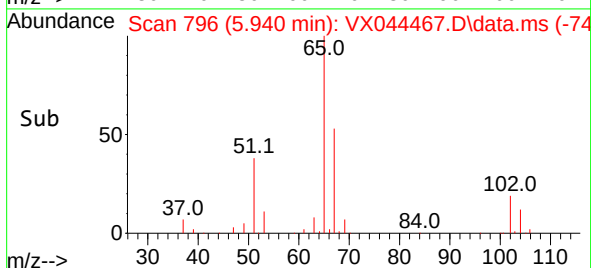
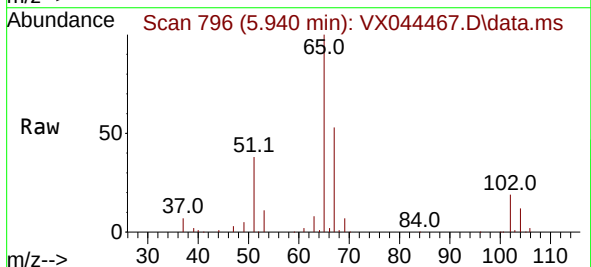


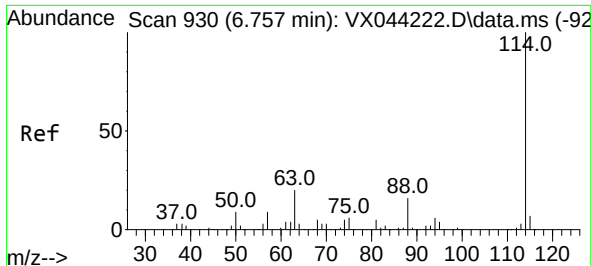
Tgt Ion: 56 Resp: 3697
Ion Ratio Lower Upper
56 100
69 134.8 24.7 37.1#
84 101.4 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 40.685 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.012 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion: 65 Resp: 101998
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.6

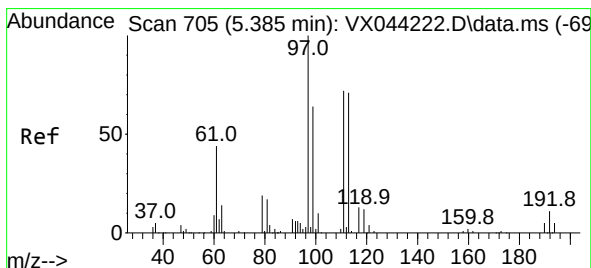
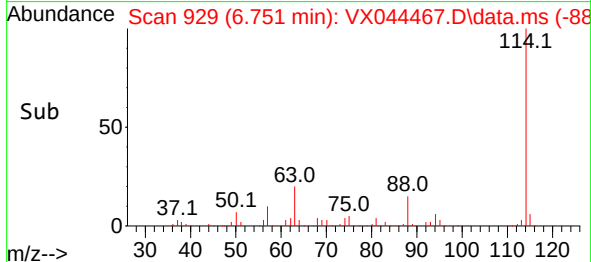
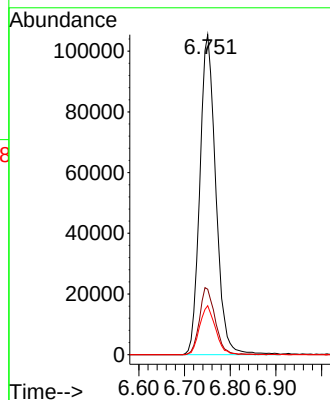
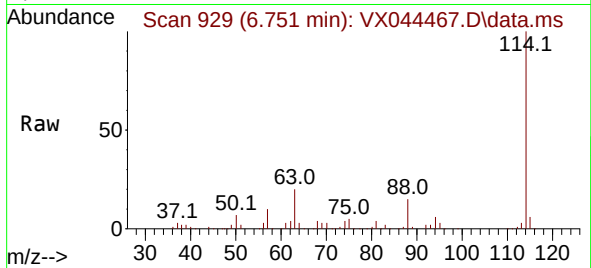




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

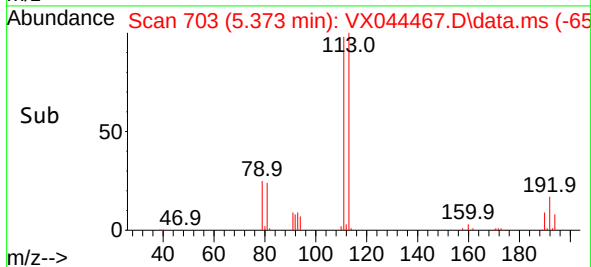
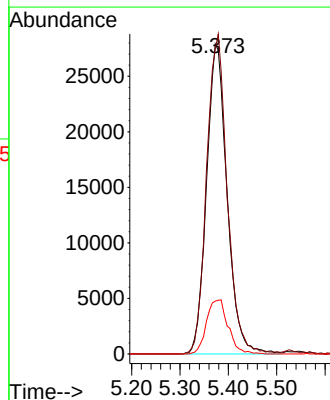
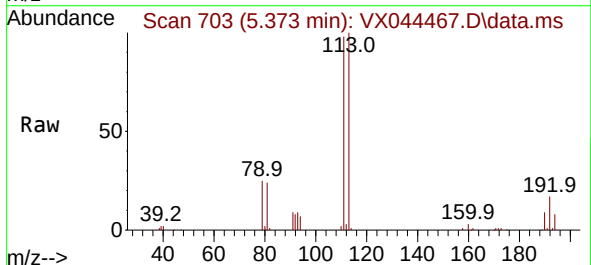
Instrument :
MSVOA_X
ClientSampleId :

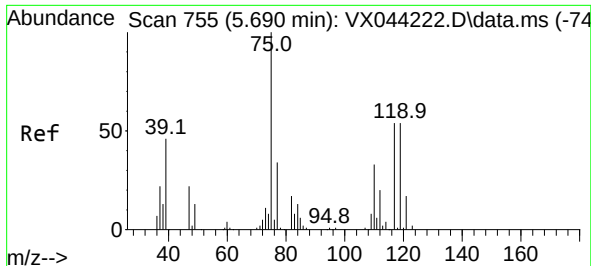
Tgt Ion:114 Resp: 255337
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.6
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.654 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.012 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion:113 Resp: 82505
Ion Ratio Lower Upper
113 100
111 103.2 80.4 120.6
192 18.3 13.3 19.9

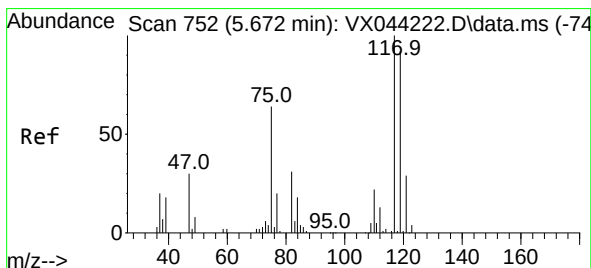
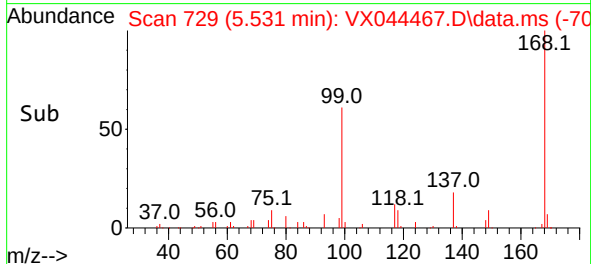
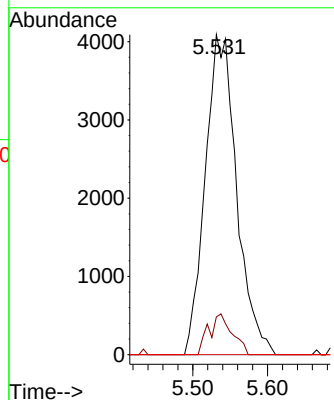
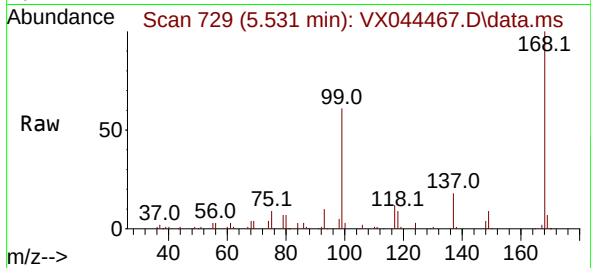




#36
1,1-Dichloropropene
Concen: 5.219 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.159 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

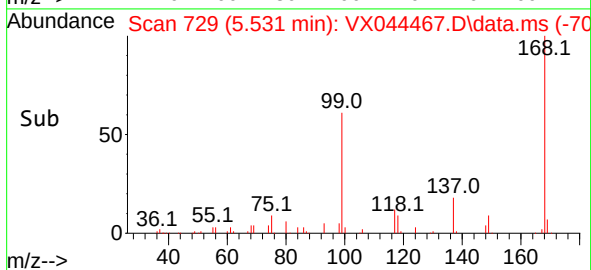
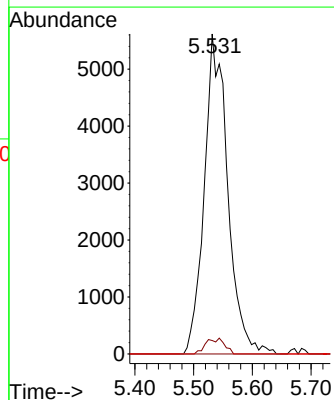
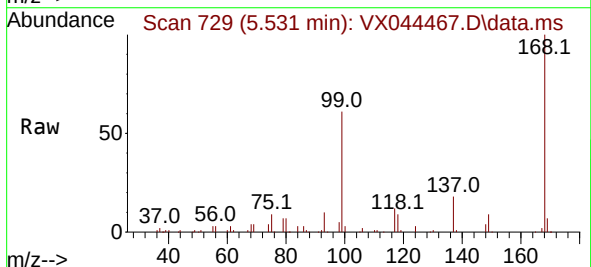
Instrument :
MSVOA_X
ClientSampleId :

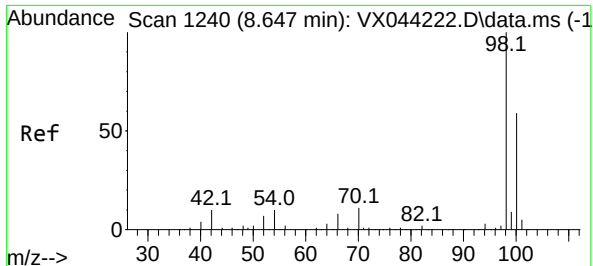
Tgt Ion: 75 Resp: 11930
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.140 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion: 117 Resp: 15572
Ion Ratio Lower Upper
117 100
119 4.2 74.2 111.4#
121 0.0 23.0 34.6#

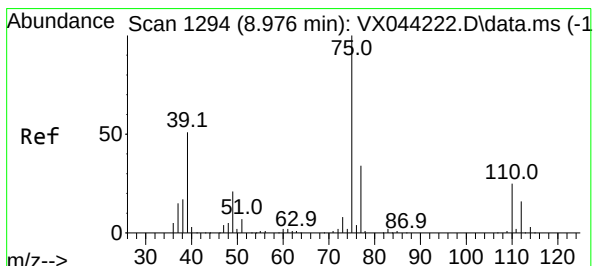
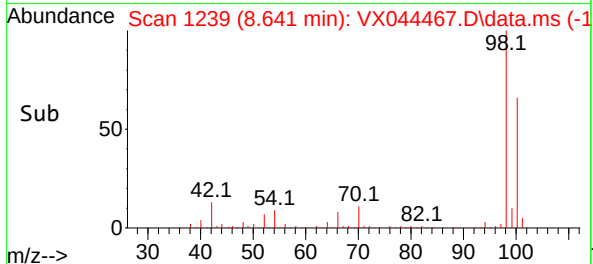
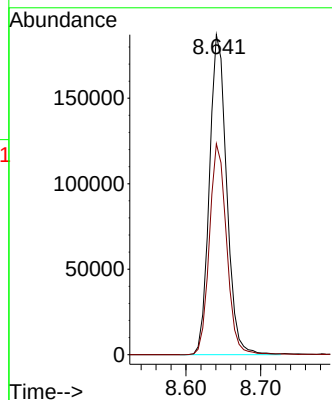
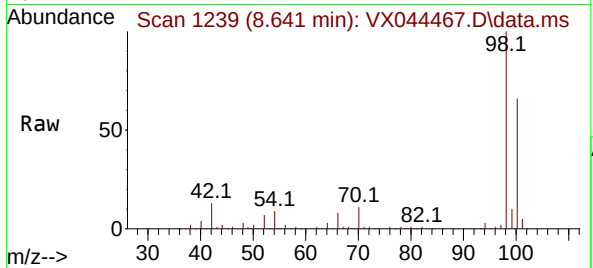




#50
Toluene-d8
Concen: 50.347 ug/l
RT: 8.641 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

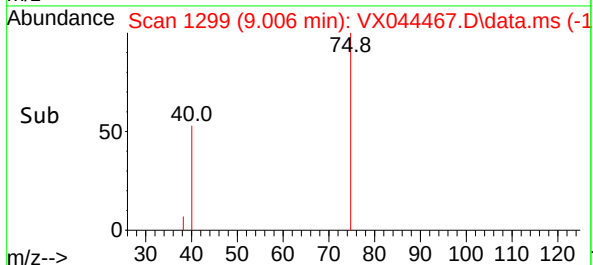
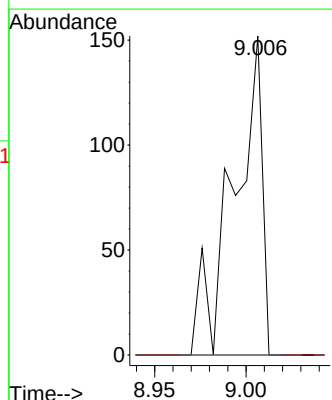
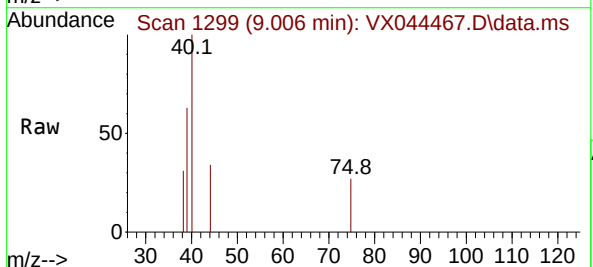
Instrument :
MSVOA_X
ClientSampleId :

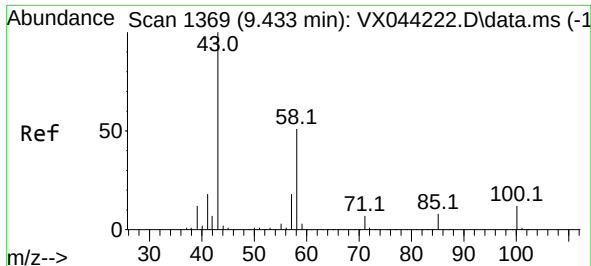
Tgt Ion: 98 Resp: 300383
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3



#53
t-1,3-Dichloropropene
Concen: 1.063 ug/l
RT: 9.006 min Scan# 1299
Delta R.T. 0.030 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion: 75 Resp: 165
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#





#59

2-Hexanone

Concen: 0.234 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX044467.D

Acq: 23 Dec 2024 09:23

Instrument :

MSVOA_X

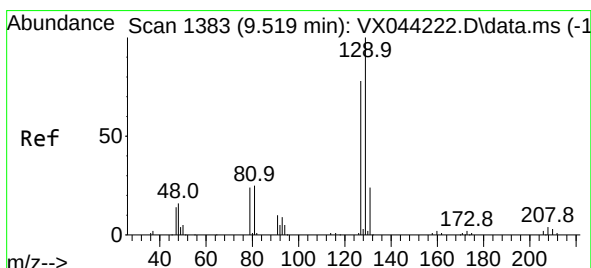
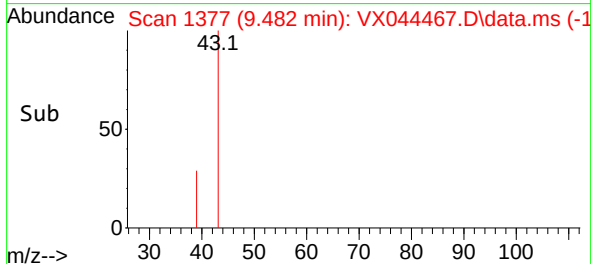
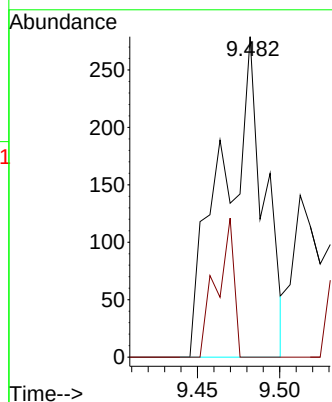
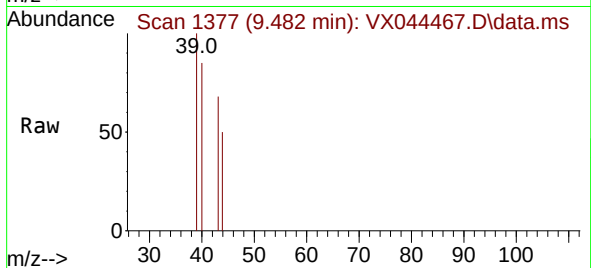
ClientSampleId :

Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

43 100

58 18.5 25.7 77.0#



#60

Dibromochloromethane

Concen: 1.416 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.250 min

Lab File: VX044467.D

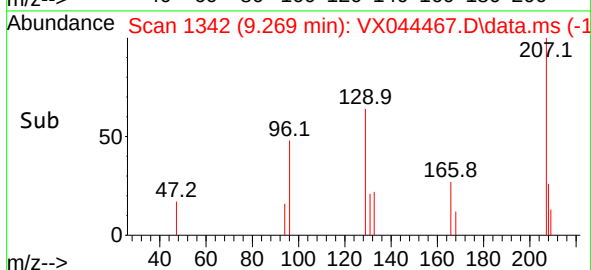
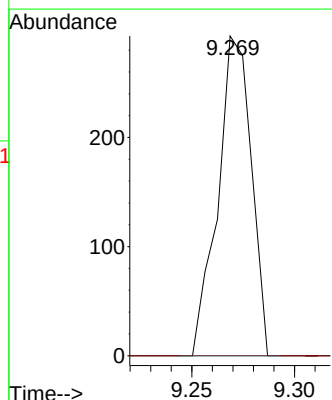
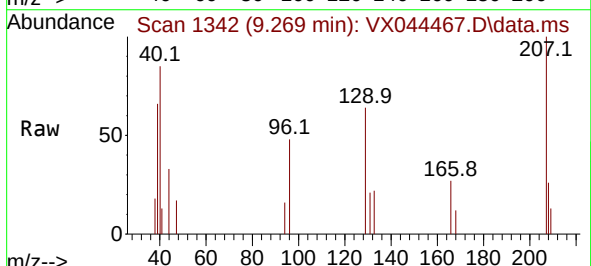
Acq: 23 Dec 2024 09:23

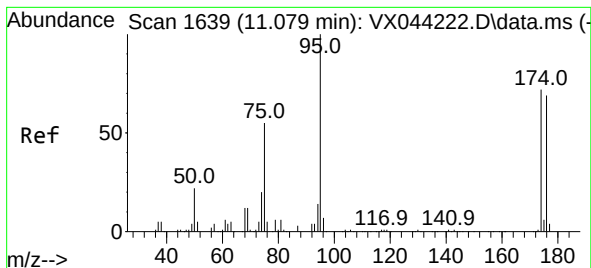
Tgt Ion: 129 Resp: 332

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

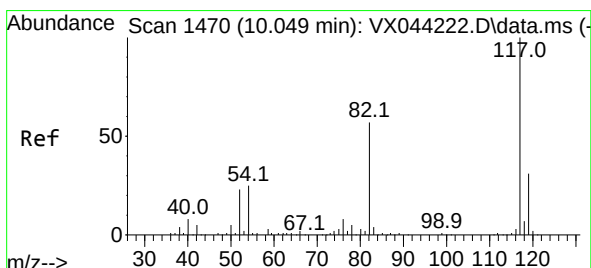
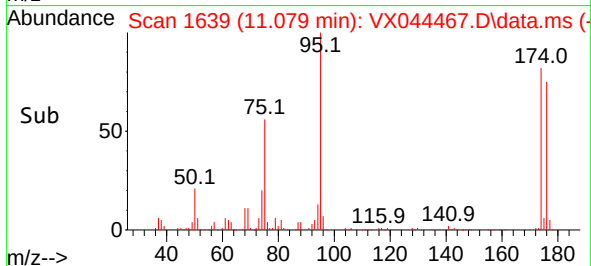
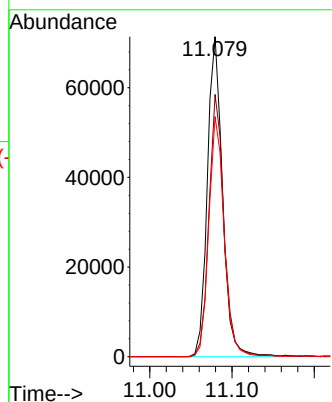
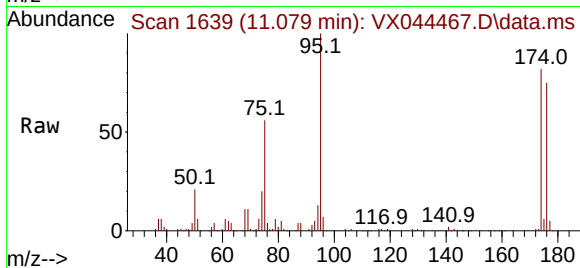




#62
4-Bromofluorobenzene
Concen: 43.926 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

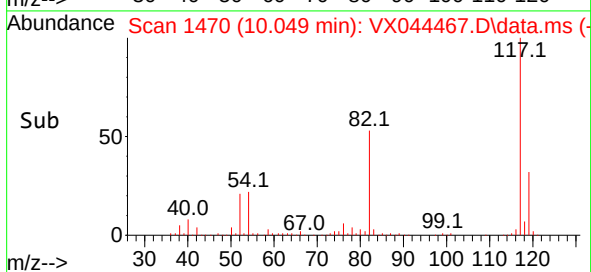
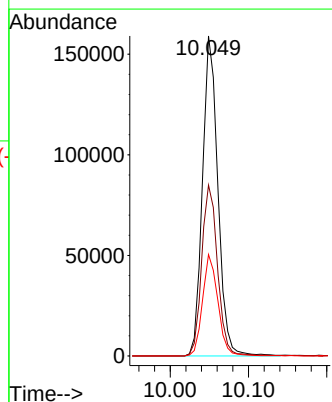
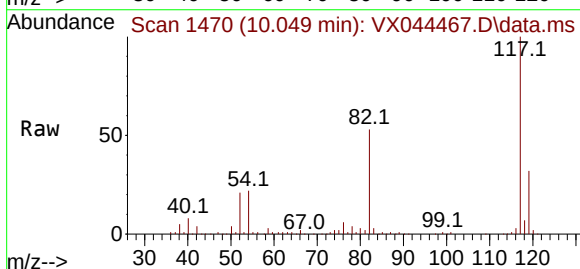
Instrument :
MSVOA_X
ClientSampleId :

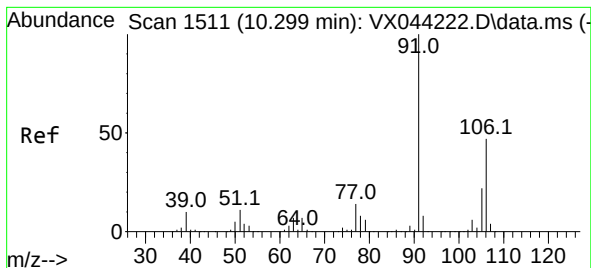
Tgt Ion: 95 Resp: 91574
Ion Ratio Lower Upper
95 100
174 81.8 0.0 145.8
176 75.7 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion: 117 Resp: 217578
Ion Ratio Lower Upper
117 100
82 53.4 45.8 68.8
119 31.7 25.0 37.4

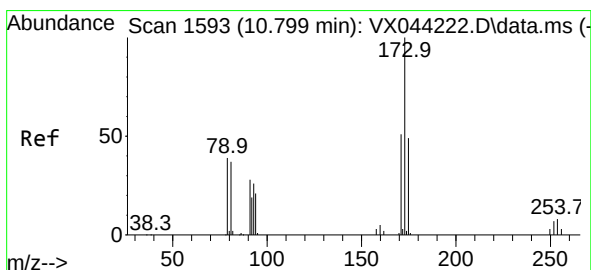
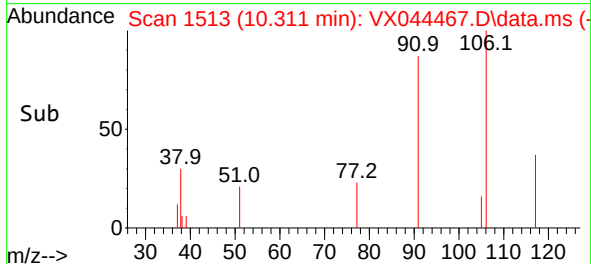
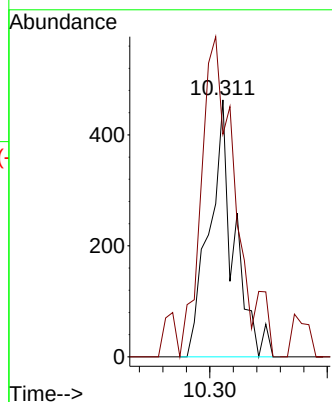
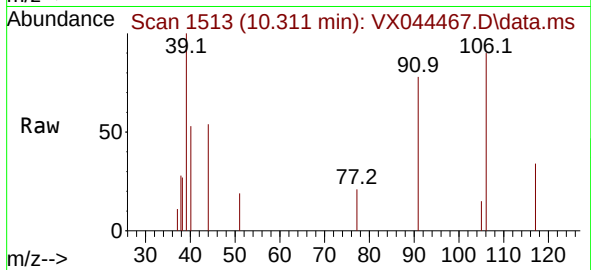




#68
m/p-Xylenes
Concen: 0.227 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

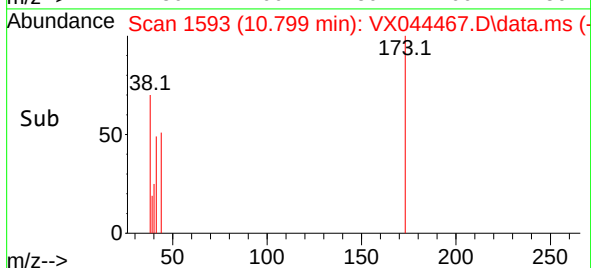
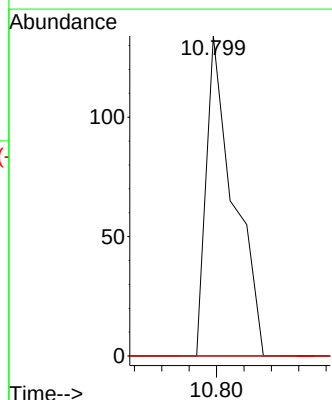
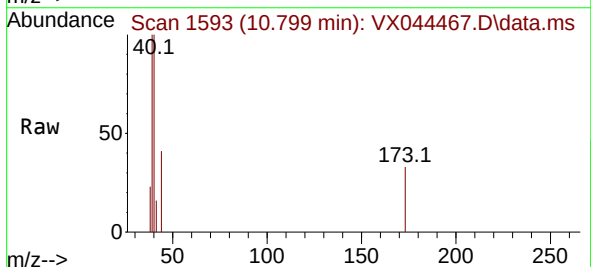
Instrument :
MSVOA_X
ClientSampleId :

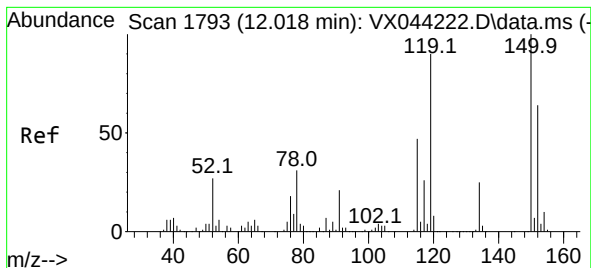
Tgt Ion:106 Resp: 672
Ion Ratio Lower Upper
106 100
91 172.5 170.2 255.2



#71
Bromoform
Concen: 1.326 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044467.D
Acq: 23 Dec 2024 09:23

Tgt Ion:173 Resp: 93
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044467.D

Acq: 23 Dec 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :

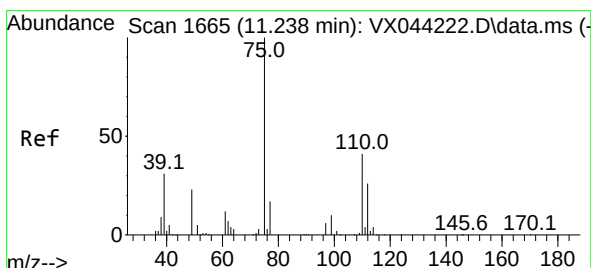
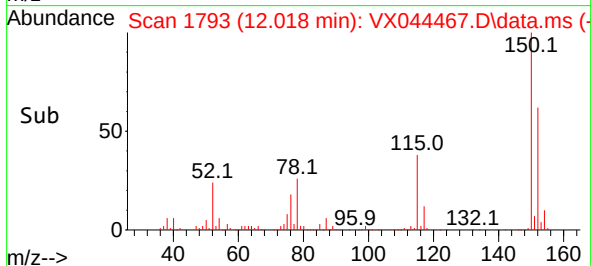
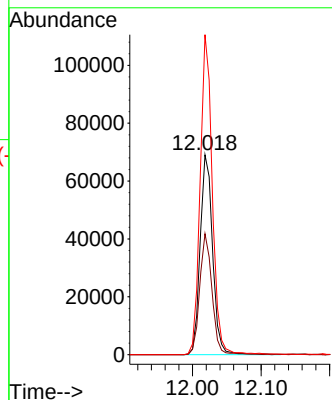
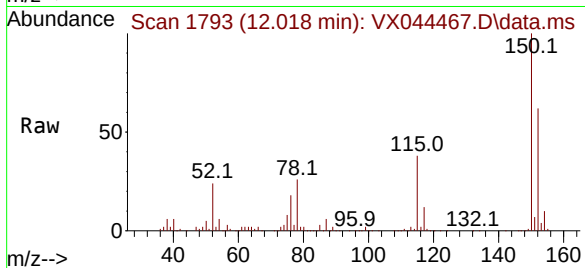
Tgt Ion:152 Resp: 87749

Ion Ratio Lower Upper

152 100

115 59.4 44.5 133.3

150 156.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 25.993 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044467.D

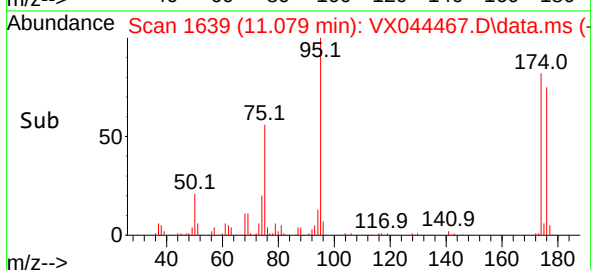
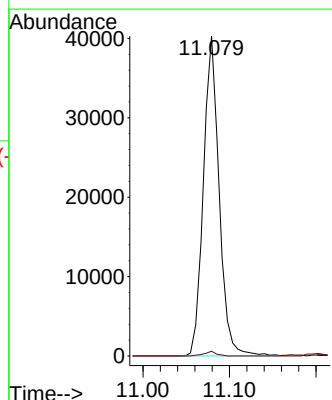
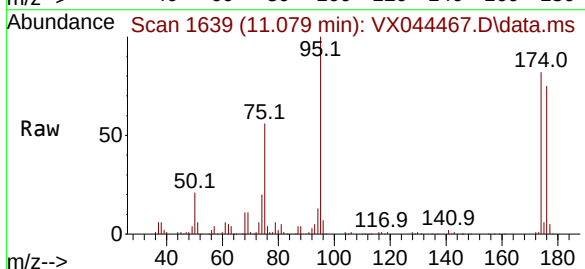
Acq: 23 Dec 2024 09:23

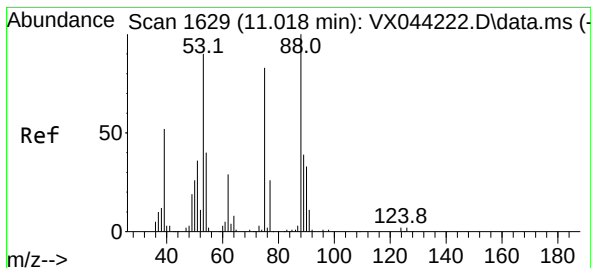
Tgt Ion: 75 Resp: 50927

Ion Ratio Lower Upper

75 100

77 1.1 20.9 62.7#

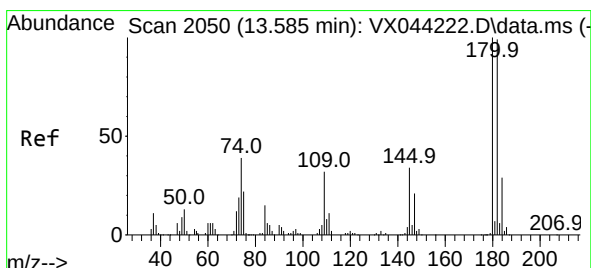
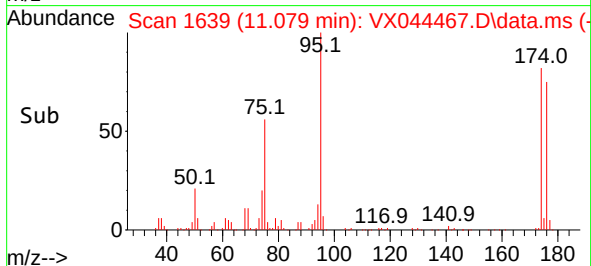
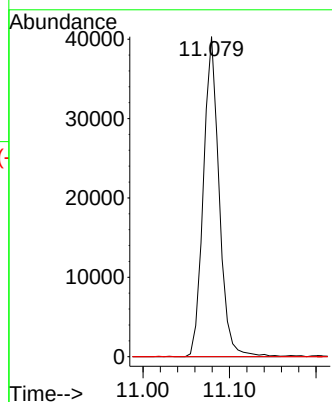
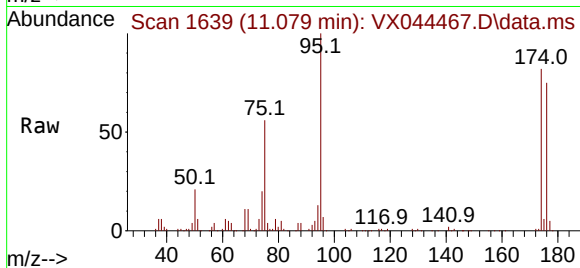




#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.753 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044467.D
 Acq: 23 Dec 2024 09:23

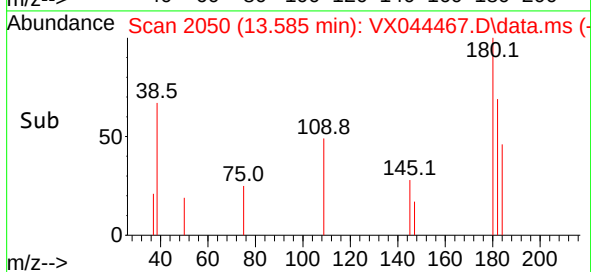
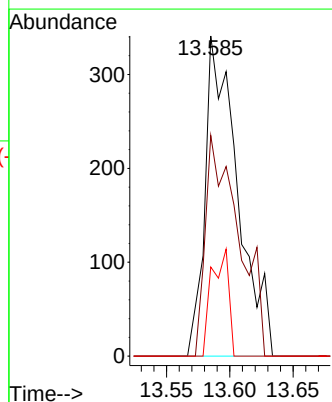
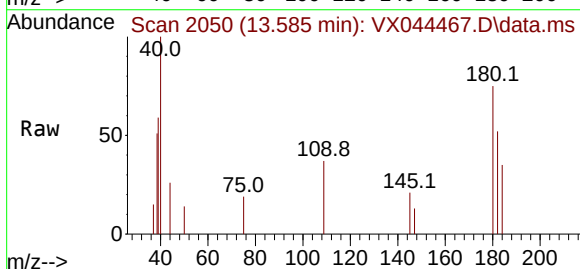
Instrument :
 MSVOA_X
 ClientSampleId :

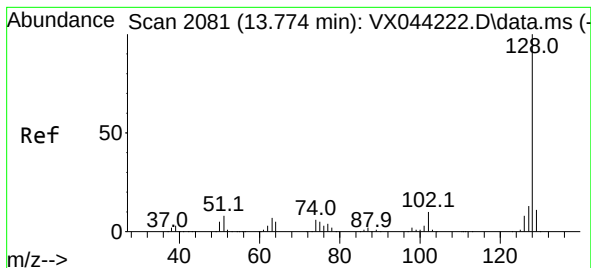
Tgt Ion: 75 Resp: 50927
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.377 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX044467.D
 Acq: 23 Dec 2024 09:23

Tgt Ion:180 Resp: 610
 Ion Ratio Lower Upper
 180 100
 182 70.7 48.0 144.2
 145 17.5 16.6 49.7





#95

Naphthalene

Concen: 0.516 ug/l

RT: 13.786 min Scan# 2083

Delta R.T. 0.012 min

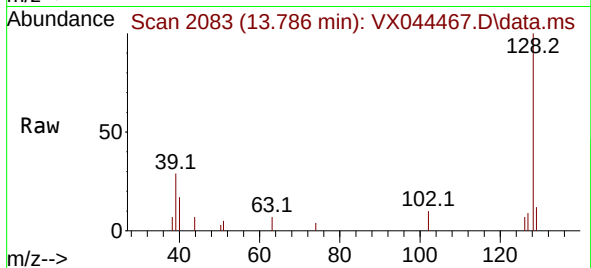
Lab File: VX044467.D

Acq: 23 Dec 2024 09:23

Instrument :

MSVOA_X

ClientSampleId :



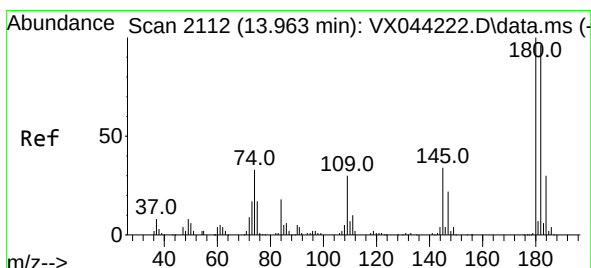
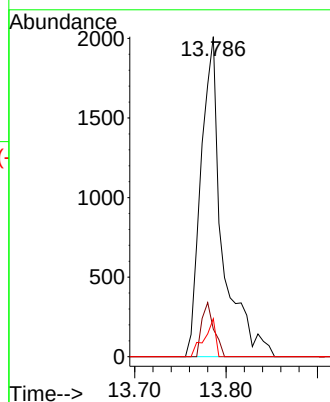
Tgt Ion:128 Resp: 3264

Ion Ratio Lower Upper

128 100

127 9.7 10.5 15.7#

129 6.3 9.0 13.4#



#96

1,2,3-Trichlorobenzene

Concen: 0.381 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX044467.D

Acq: 23 Dec 2024 09:23

Tgt Ion:180 Resp: 655

Ion Ratio Lower Upper

180 100

182 97.3 48.0 144.0

145 22.1 17.7 53.1

