

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
 Data File : VX043192.D
 Acq On : 30 Sep 2024 12:42
 Operator : JC/MD
 Sample : VX0930WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 01 01:48:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

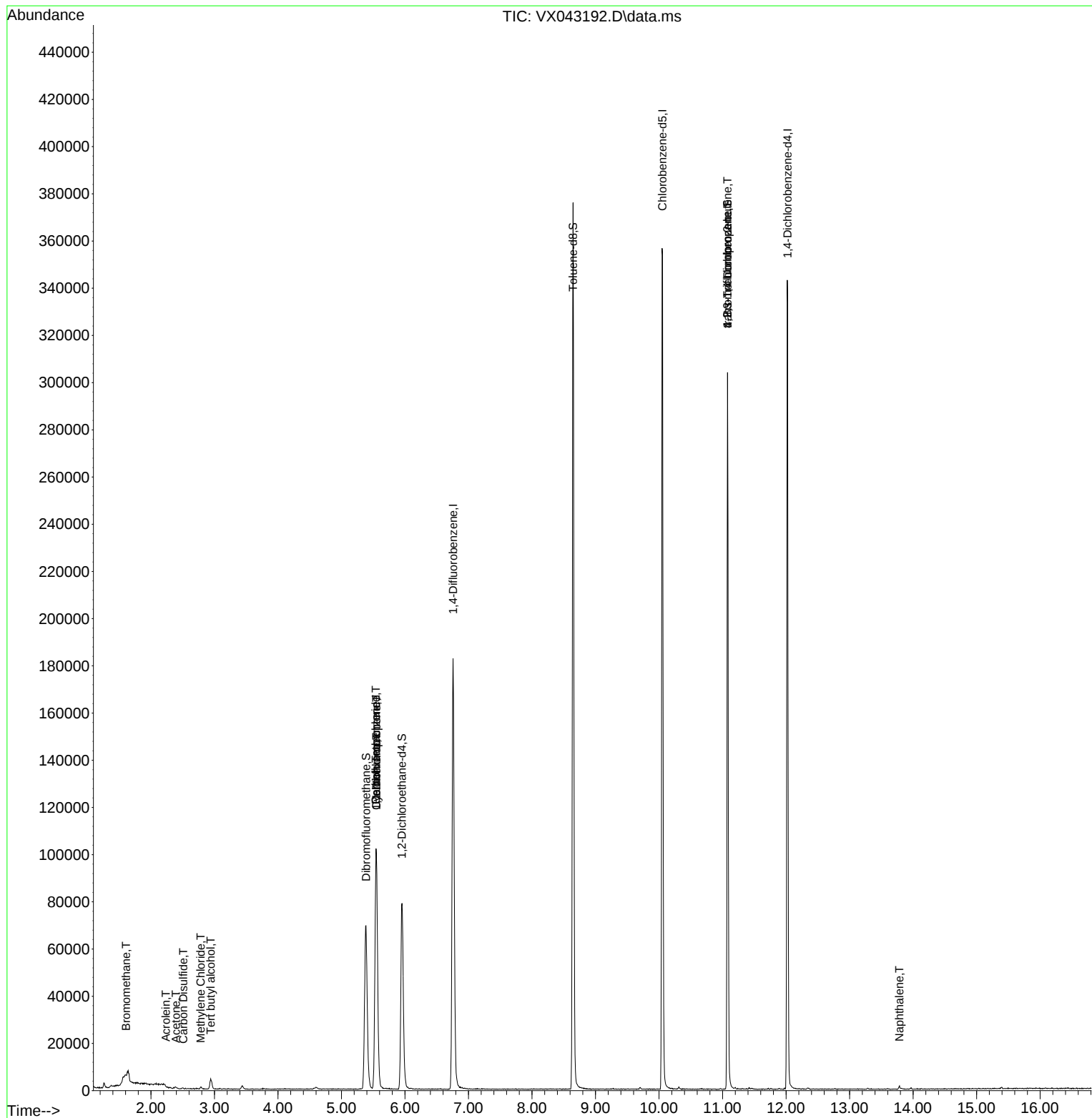
Internal Standards						
1) Pentafluorobenzene	5.544	168	93481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81938	52.769	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.540%
35) Dibromofluoromethane	5.385	113	61091	47.453	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	8.647	98	222013	50.973	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.940%
62) 4-Bromofluorobenzene	11.079	95	80562	45.930	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.860%
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	159	0.267	ug/l #	74
11) Tert butyl alcohol	2.940	59	2390	6.894	ug/l #	71
13) Acrolein	2.233	56	63	1.379	ug/l #	1
16) Acetone	2.392	43	593	0.817	ug/l	89
17) Carbon Disulfide	2.508	76	524	0.213	ug/l #	75
20) Methylene Chloride	2.782	84	327	0.283	ug/l #	78
31) Cyclohexane	5.550	56	2406	1.576	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	8062	5.096	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10259	5.034	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	43660	29.192	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	43660	69.552	ug/l #	7
95) Naphthalene	13.786	128	1622	0.331	ug/l #	89

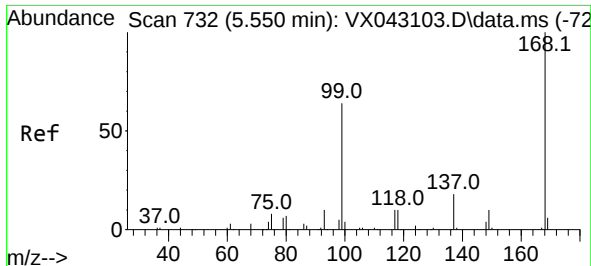
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 01 01:48:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

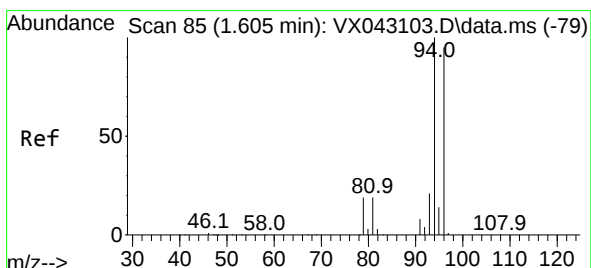
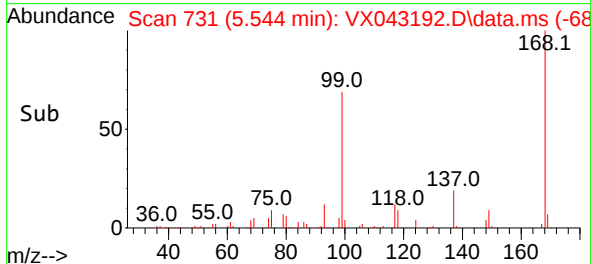
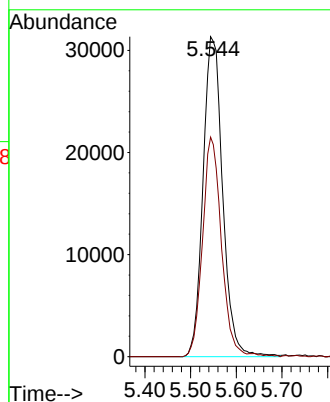
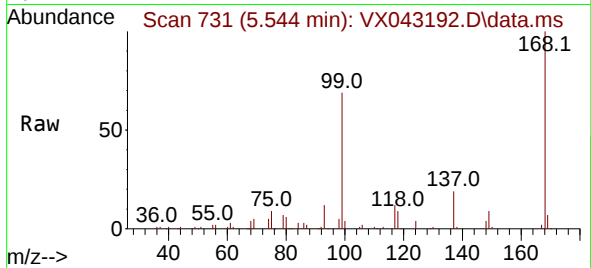




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

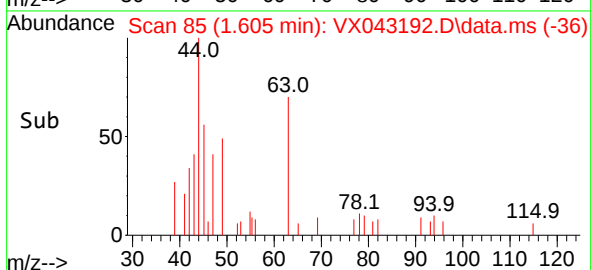
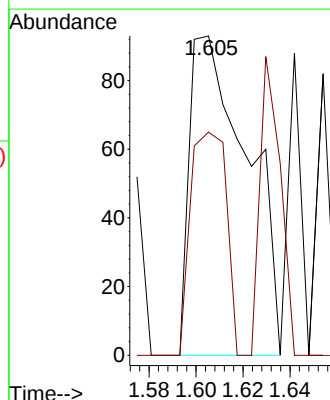
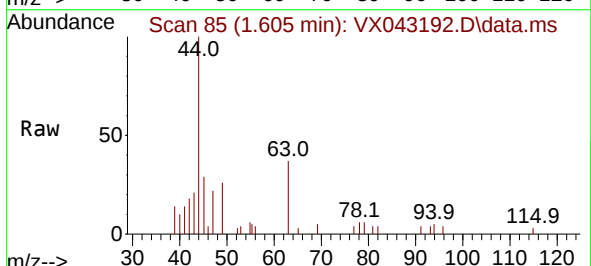
Instrument :
MSVOA_X
ClientSampleId :

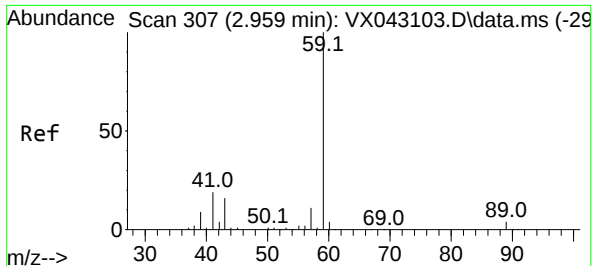
Tgt Ion:168 Resp: 93481
Ion Ratio Lower Upper
168 100
99 68.6 50.8 76.2



#5
Bromomethane
Concen: 0.267 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.000 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Tgt Ion: 94 Resp: 159
Ion Ratio Lower Upper
94 100
96 69.9 76.2 114.4#

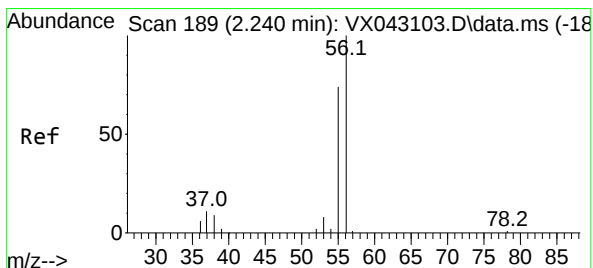
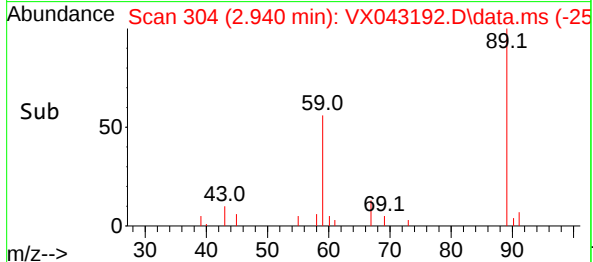
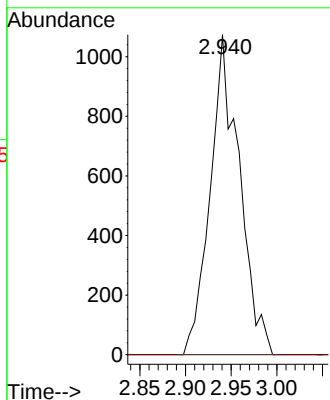
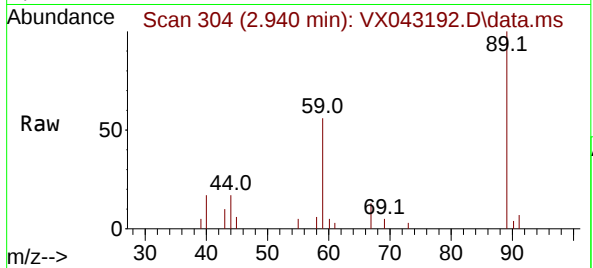




#11
Tert butyl alcohol
Concen: 6.894 ug/l
RT: 2.940 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

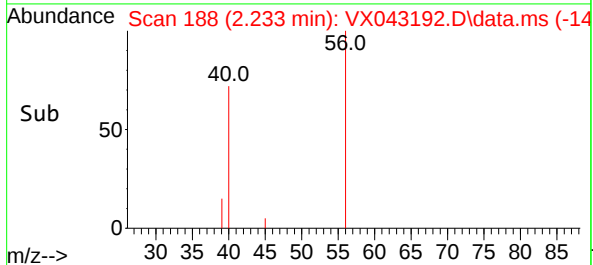
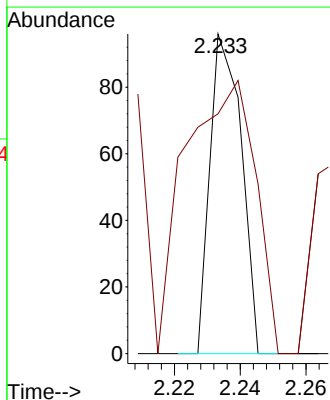
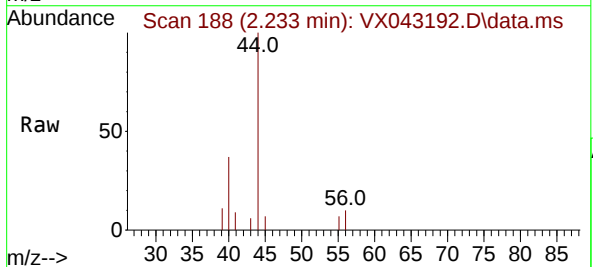
Instrument :
MSVOA_X
ClientSampleId :

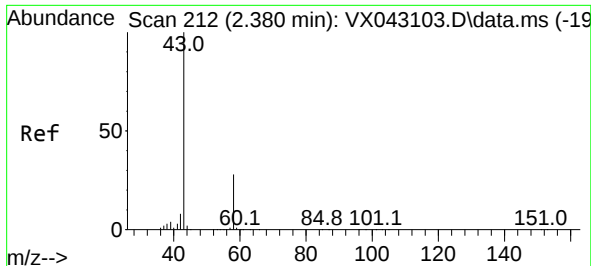
Tgt Ion: 59 Resp: 2390
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: 1.379 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 192.1 55.8 83.6#

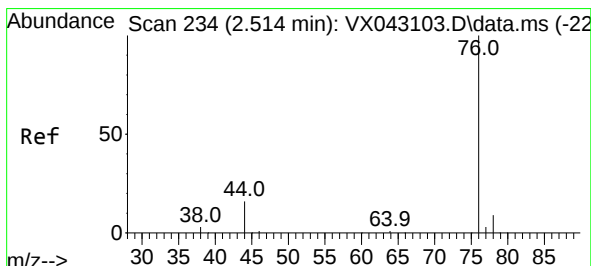
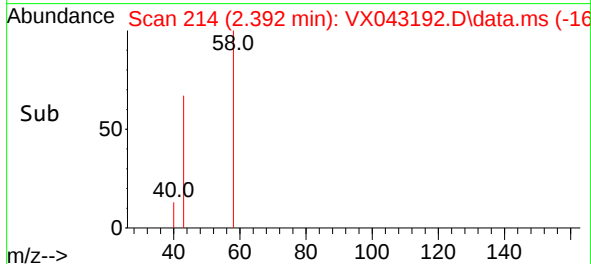
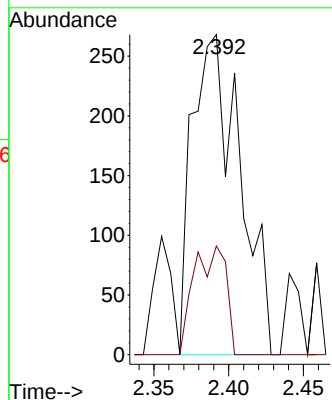
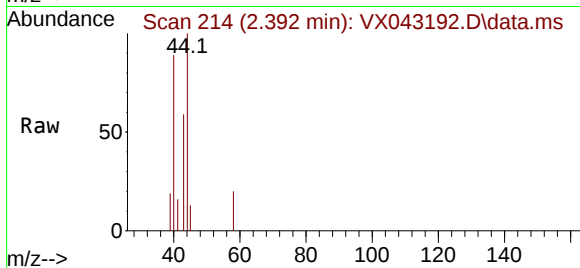




#16
Acetone
Concen: 0.817 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

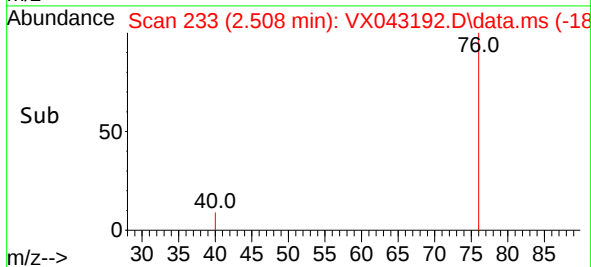
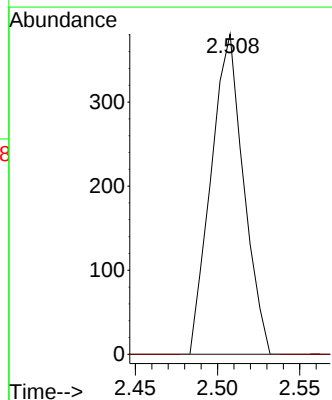
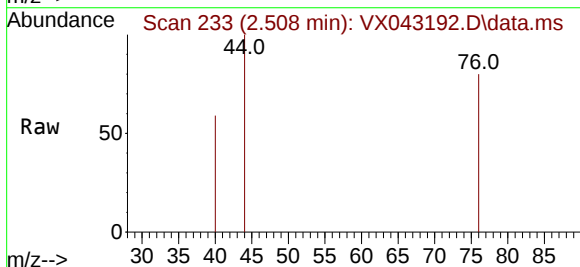
Instrument :
MSVOA_X
ClientSampleId :

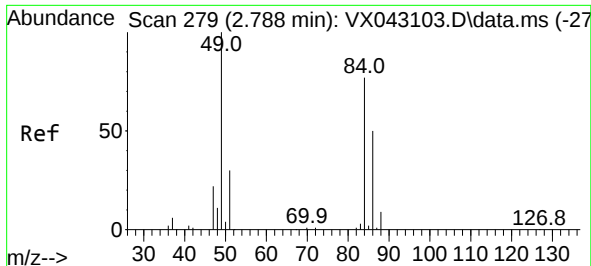
Tgt Ion: 43 Resp: 593
Ion Ratio Lower Upper
43 100
58 34.0 22.6 34.0



#17
Carbon Disulfide
Concen: 0.213 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

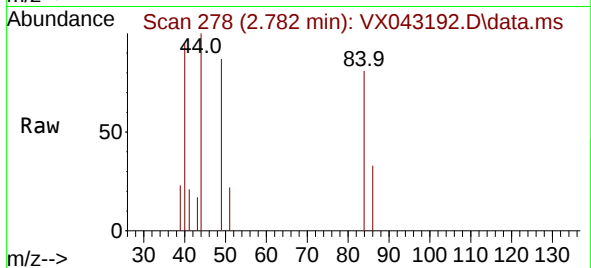
Tgt Ion: 76 Resp: 524
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





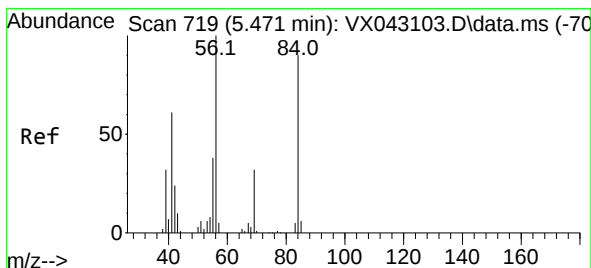
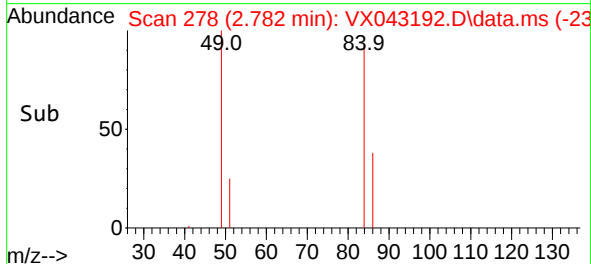
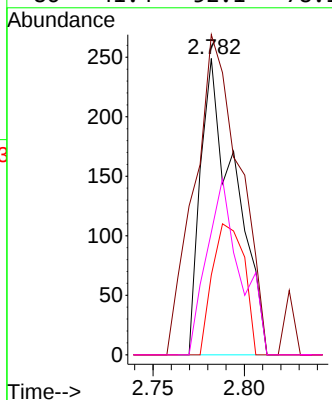
#20
Methylene Chloride
Concen: 0.283 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 327

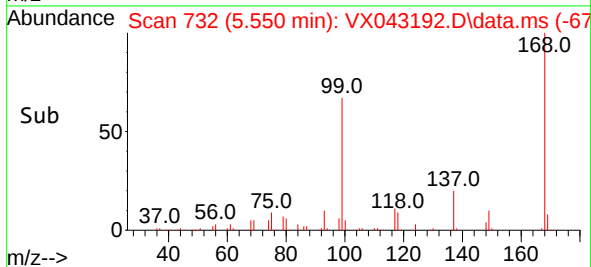
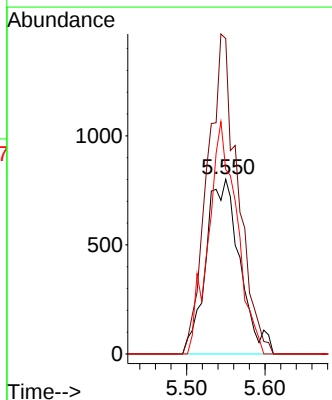
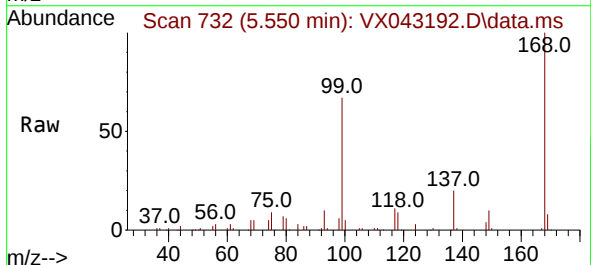
Ion	Ratio	Lower	Upper
84	100		
49	108.0	104.1	156.1
51	26.9	31.1	46.7#
86	41.4	52.1	78.1#

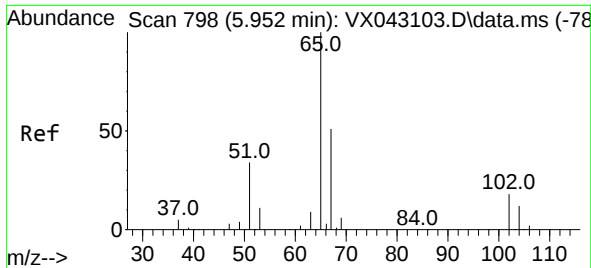


#31
Cyclohexane
Concen: 1.576 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Tgt Ion: 56 Resp: 2406

Ion	Ratio	Lower	Upper
56	100		
69	180.5	25.8	38.6#
84	105.5	72.4	108.6





#33

1,2-Dichloroethane-d4

Concen: 52.769 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043192.D

Acq: 30 Sep 2024 12:42

Instrument :

MSVOA_X

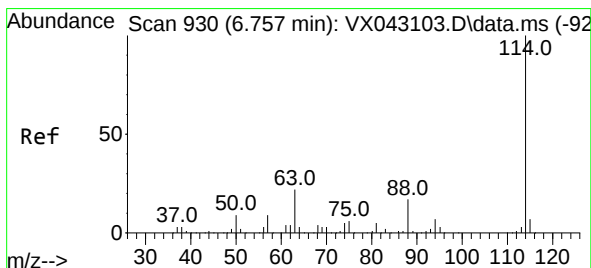
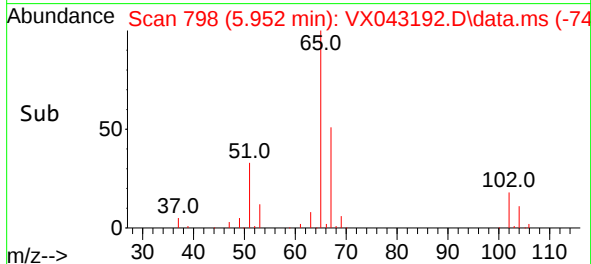
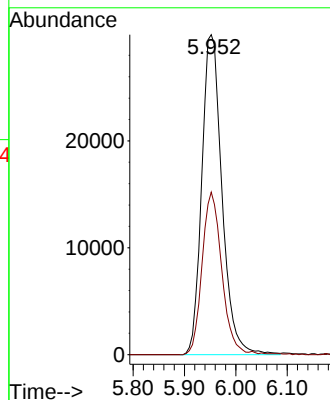
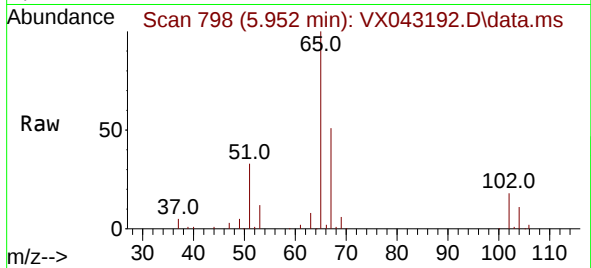
ClientSampleId :

Tgt Ion: 65 Resp: 81938

Ion Ratio Lower Upper

65 100

67 49.7 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043192.D

Acq: 30 Sep 2024 12:42

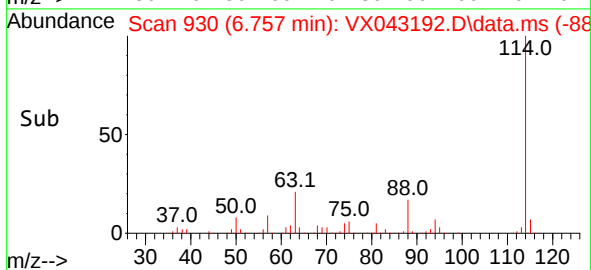
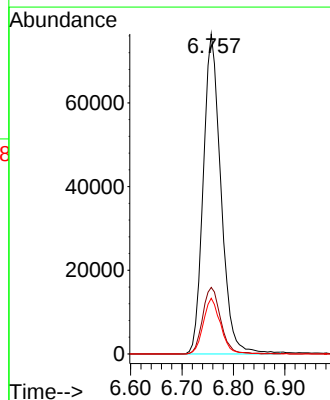
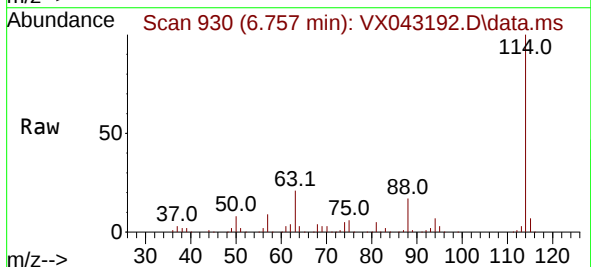
Tgt Ion: 114 Resp: 182497

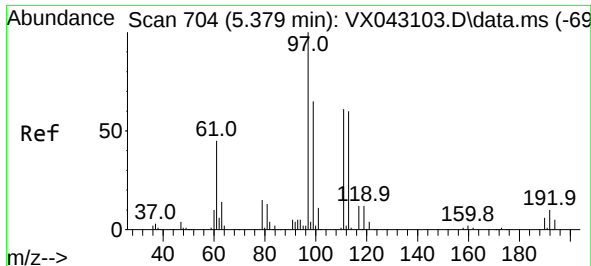
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 17.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.453 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

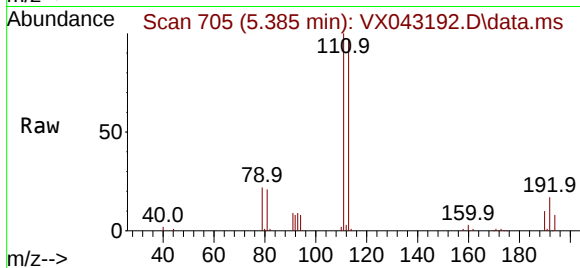
Lab File: VX043192.D

Acq: 30 Sep 2024 12:42

Instrument :

MSVOA_X

ClientSampleId :



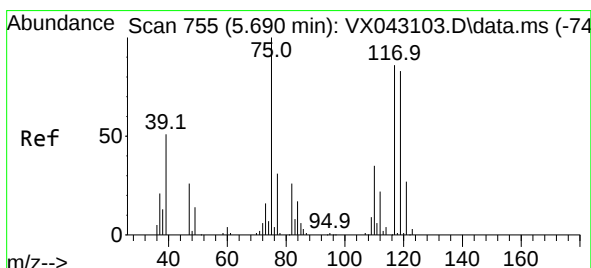
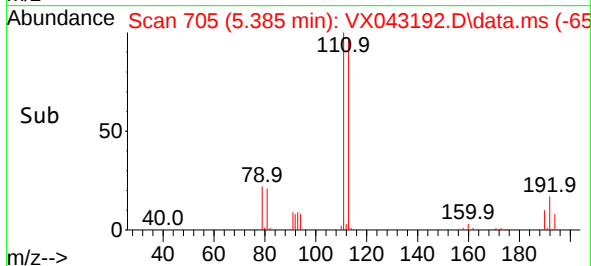
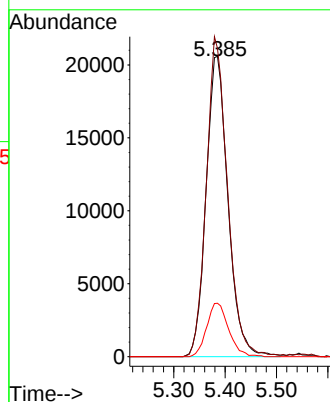
Tgt Ion:113 Resp: 61091

Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 17.8 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.096 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043192.D

Acq: 30 Sep 2024 12:42

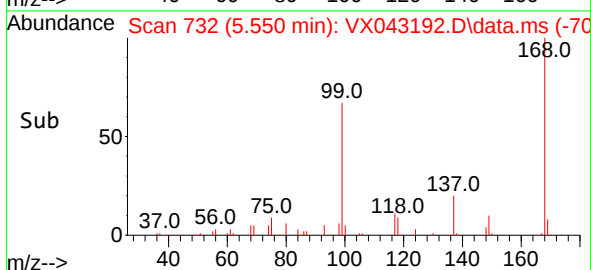
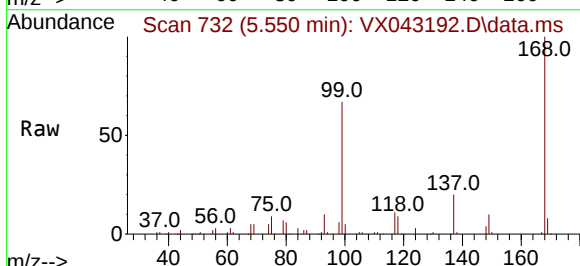
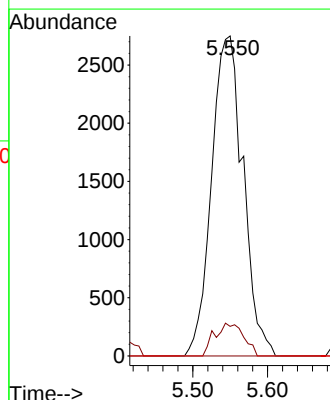
Tgt Ion: 75 Resp: 8062

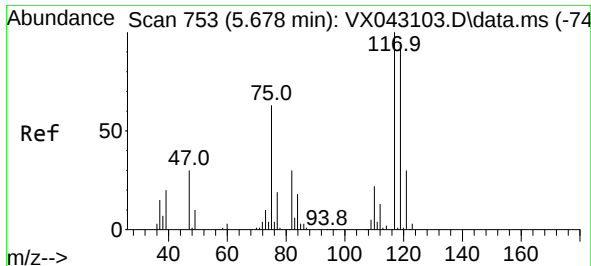
Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.4#

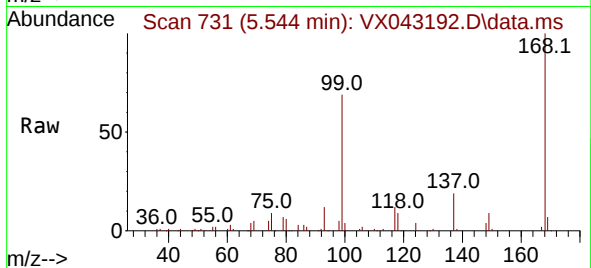
77 0.0 25.2 37.8#



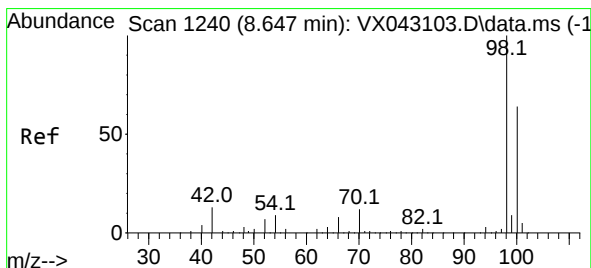
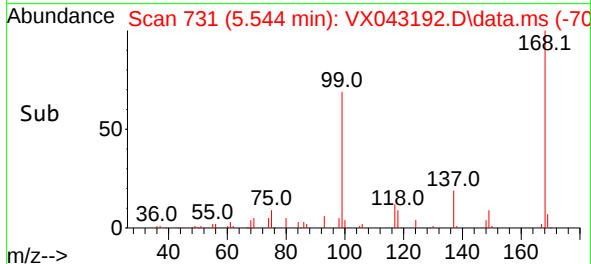
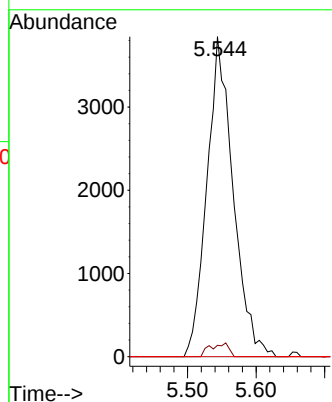


#38
Carbon Tetrachloride
Concen: 5.034 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Instrument :
MSVOA_X
ClientSampleId :

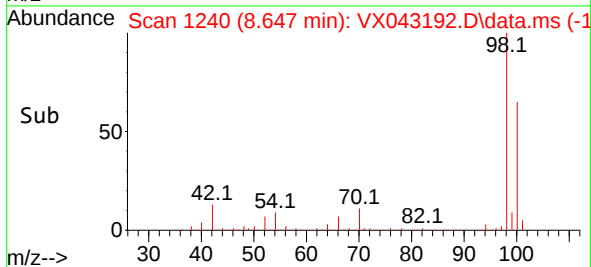
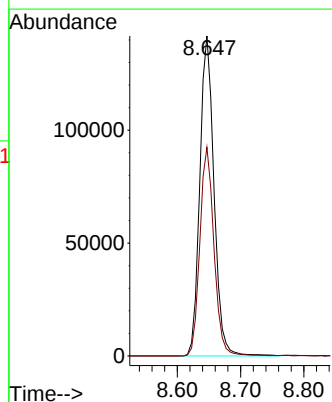
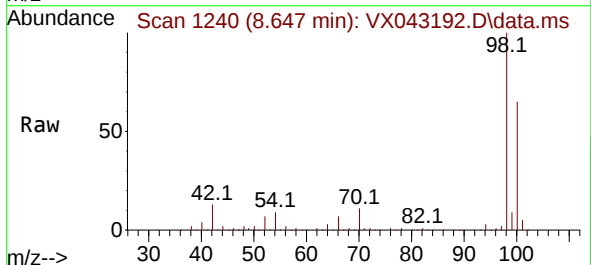


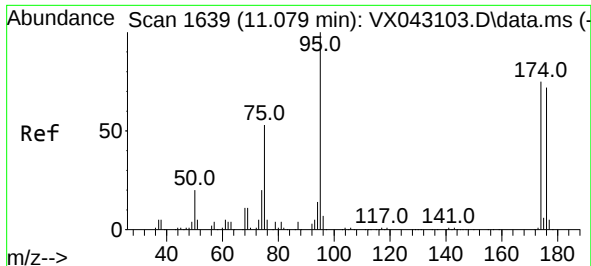
Tgt Ion:117 Resp: 10259
Ion Ratio Lower Upper
117 100
119 3.5 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.973 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Tgt Ion: 98 Resp: 222013
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4

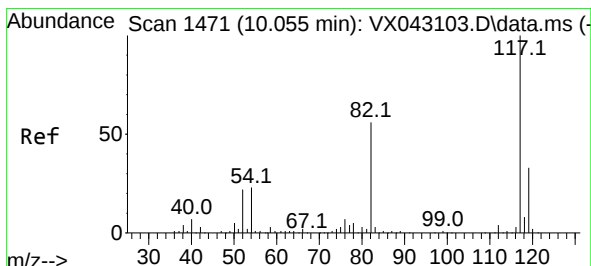
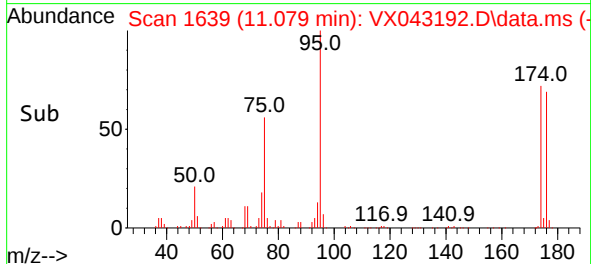
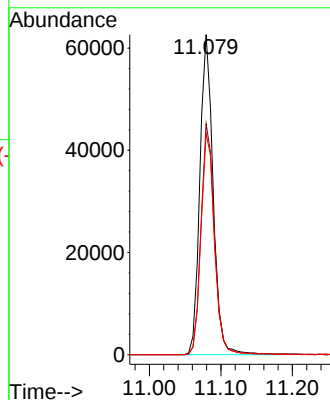
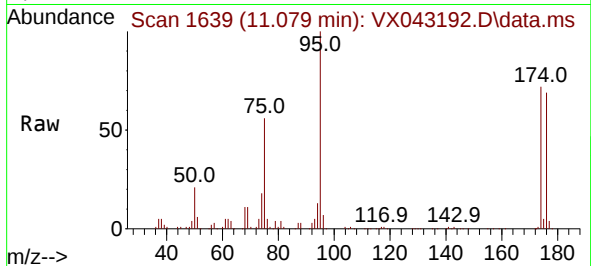




#62
4-Bromofluorobenzene
Concen: 45.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

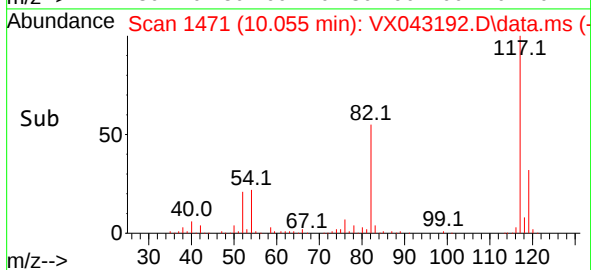
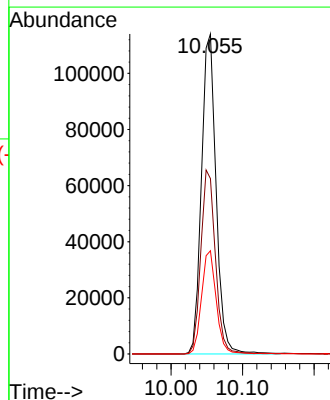
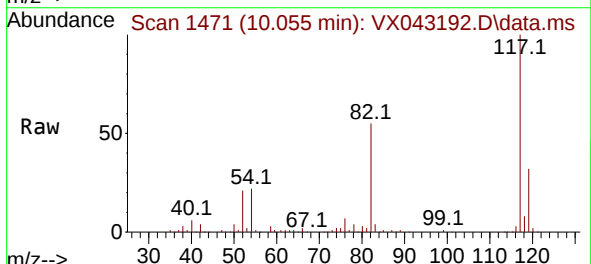
Instrument :
MSVOA_X
ClientSampleId :

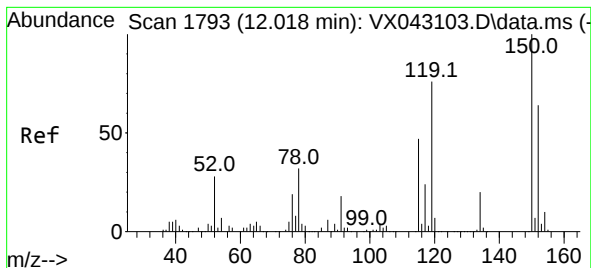
Tgt Ion: 95 Resp: 80562
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.0
176 70.7 0.0 142.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

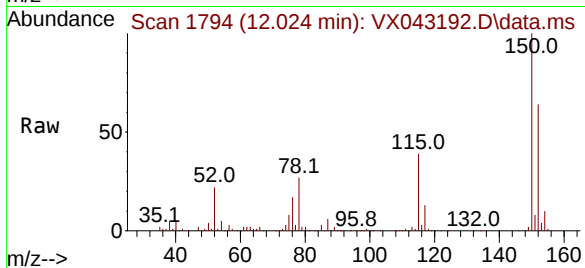
Tgt Ion: 117 Resp: 162079
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 32.2 26.3 39.5



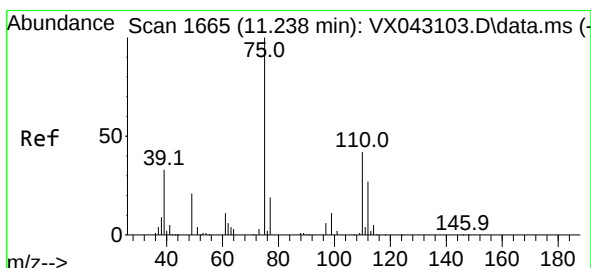
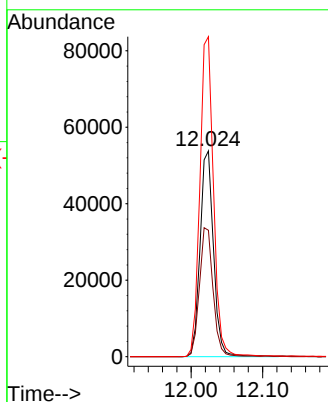
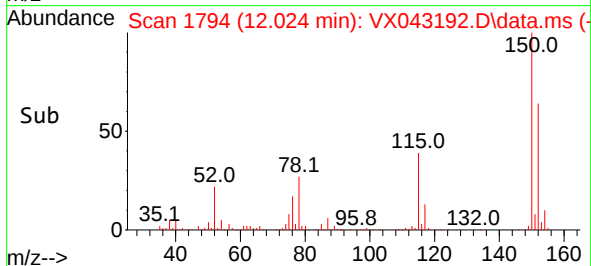


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Instrument :
MSVOA_X
ClientSampleId :

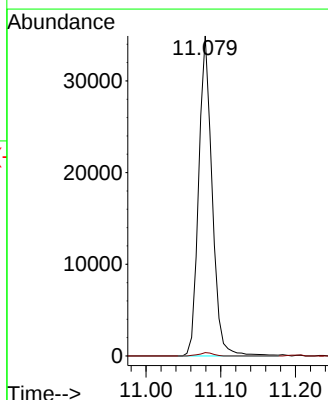
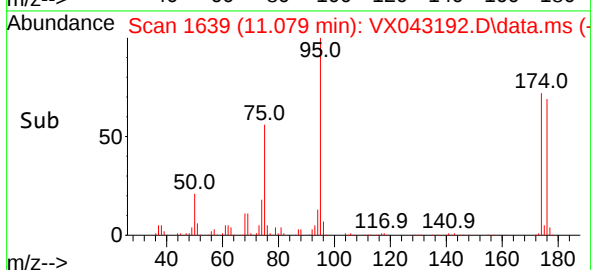
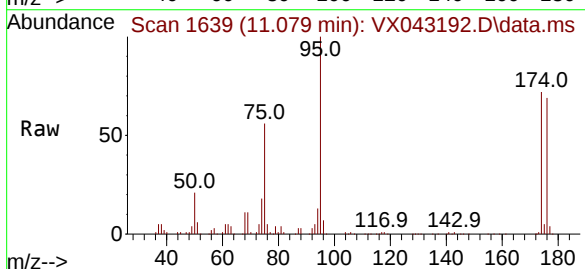


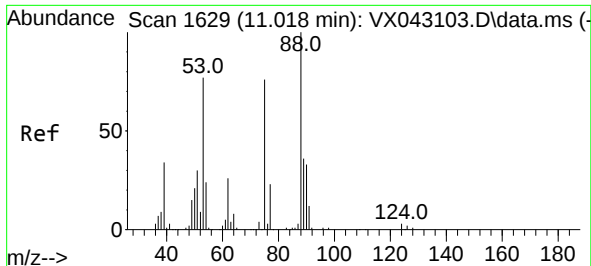
Tgt Ion:152 Resp: 70347
Ion Ratio Lower Upper
152 100
115 63.6 43.7 131.1
150 157.1 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 29.192 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Tgt Ion: 75 Resp: 43660
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#

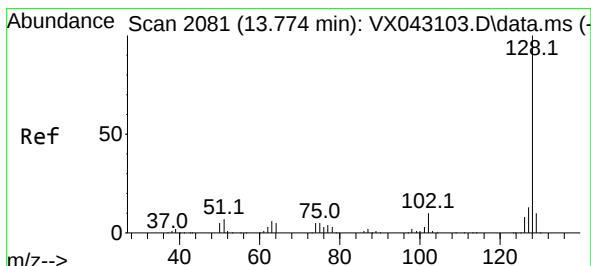
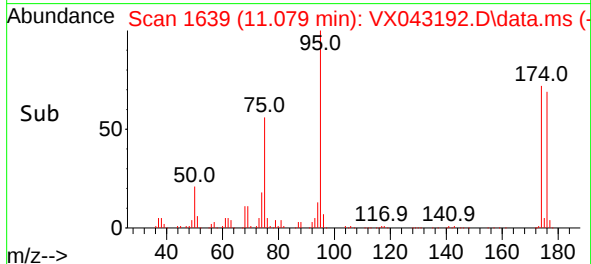
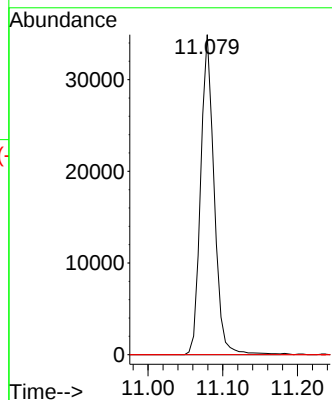
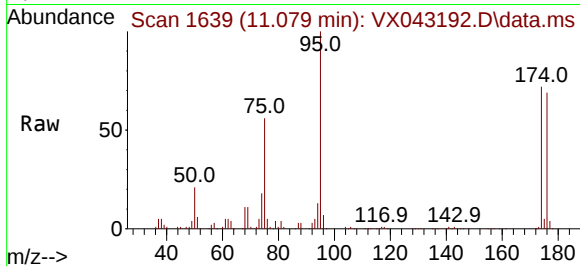




#81
trans-1,4-Dichloro-2-butene
Concen: 69.552 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43660
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#



#95
Naphthalene
Concen: 0.331 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX043192.D
Acq: 30 Sep 2024 12:42

Tgt Ion:128 Resp: 1622
Ion Ratio Lower Upper
128 100
127 8.5 10.2 15.4#
129 6.2 8.6 13.0#

