

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044407.D
 Acq On : 19 Dec 2024 02:34
 Operator : JC/MD
 Sample : P5317-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 05:09:01 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)

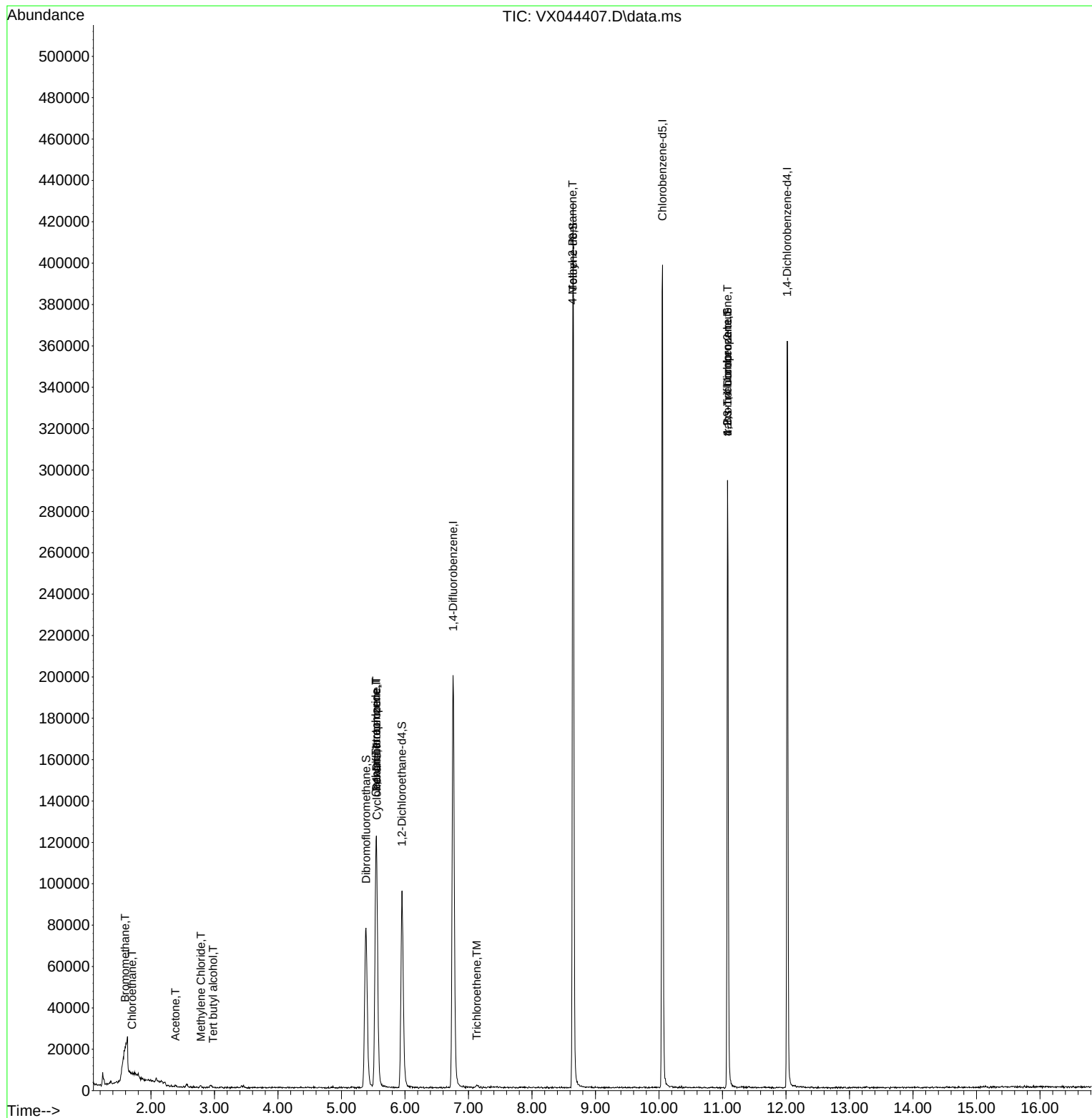
Internal Standards						
1) Pentafluorobenzene	5.550	168	111969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205674	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88393	45.025	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.060%
35) Dibromofluoromethane	5.385	113	65958	46.303	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.600%
50) Toluene-d8	8.647	98	246011	51.191	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.380%
62) 4-Bromofluorobenzene	11.079	95	77014	45.862	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.720%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	323	0.264	ug/l #	14
6) Chloroethane	1.703	64	254	0.236	ug/l #	41
11) Tert butyl alcohol	2.977	59	67	0.242	ug/l #	71
16) Acetone	2.386	43	842	1.052	ug/l #	68
20) Methylene Chloride	2.788	84	335	0.223	ug/l #	66
31) Cyclohexane	5.556	56	2705	1.277	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	10387	5.641	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13036	6.576	ug/l #	17
44) Trichloroethene	7.129	130	478	0.343	ug/l	87
51) 4-Methyl-2-Pentanone	8.641	43	1219	0.533	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42525	26.646	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	42525	73.413	ug/l #	4

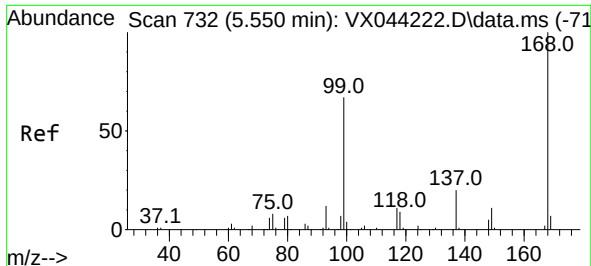
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
Data File : VX044407.D
Acq On : 19 Dec 2024 02:34
Operator : JC/MD
Sample : P5317-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

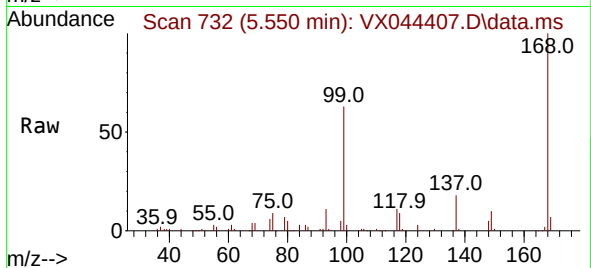
Quant Time: Dec 19 05:09:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



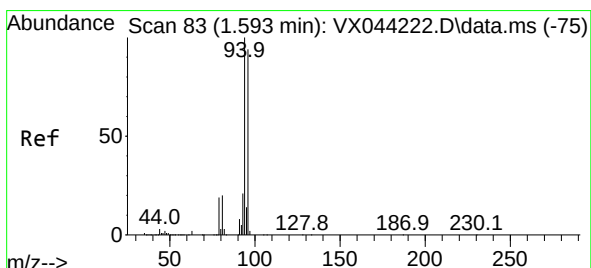
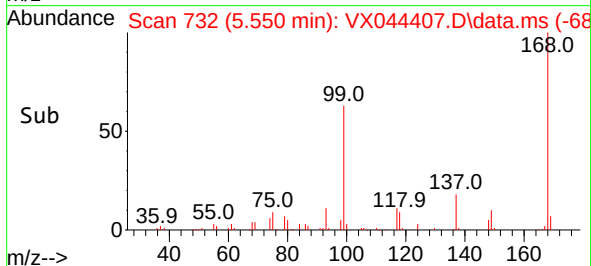
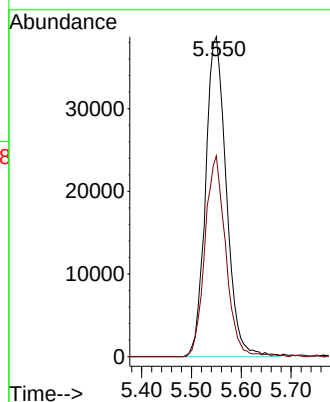


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Instrument :
MSVOA_X
ClientSampleId :

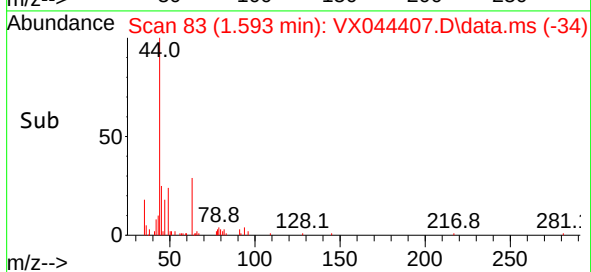
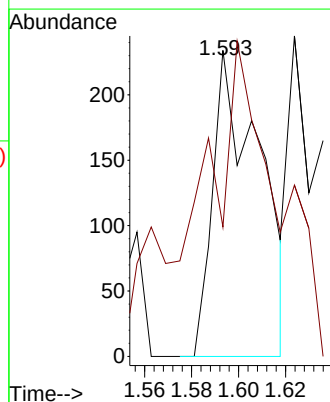
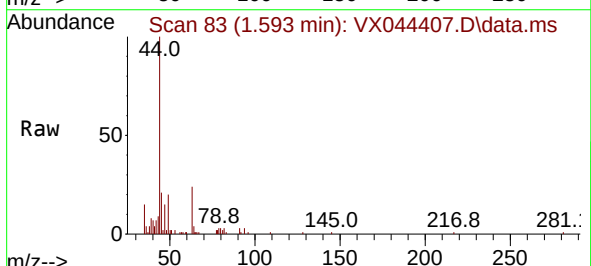


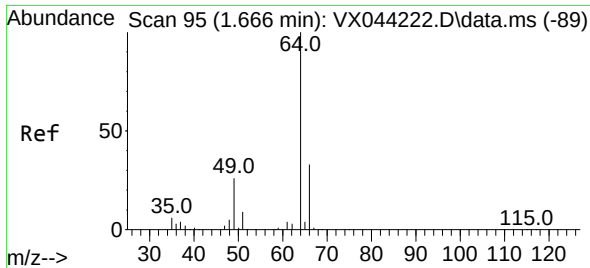
Tgt Ion:168 Resp: 111969
Ion Ratio Lower Upper
168 100
99 62.8 53.4 80.0



#5
Bromomethane
Concen: 0.264 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 11.1 74.9 112.3#

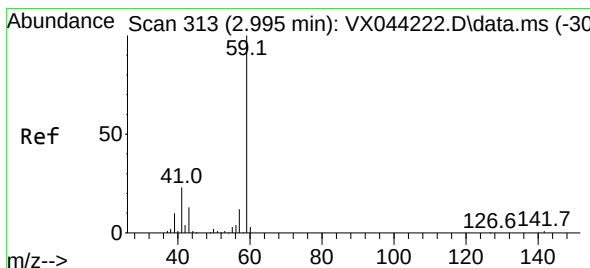
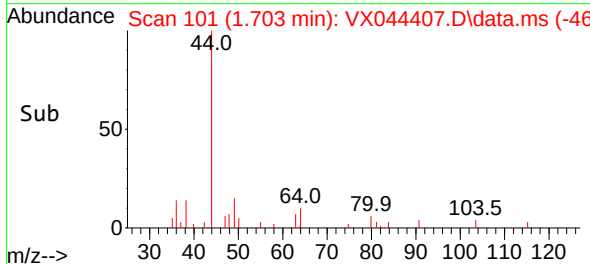
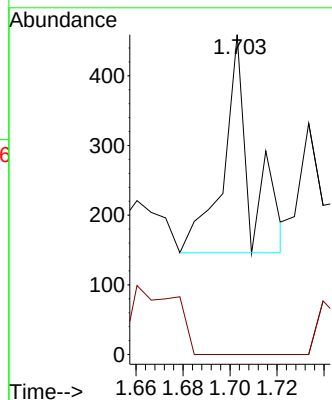
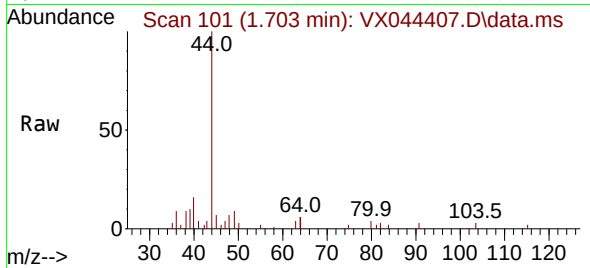




#6
Chloroethane
Concen: 0.236 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.037 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

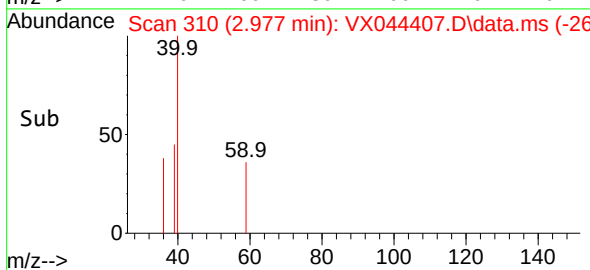
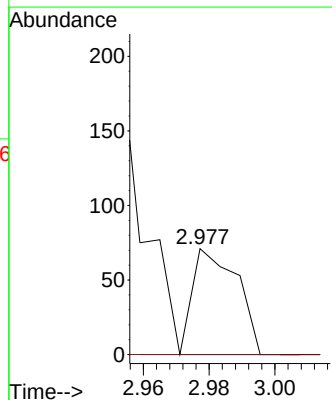
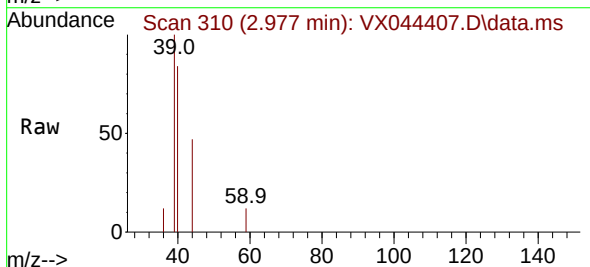
Instrument :
MSVOA_X
ClientSampleId :

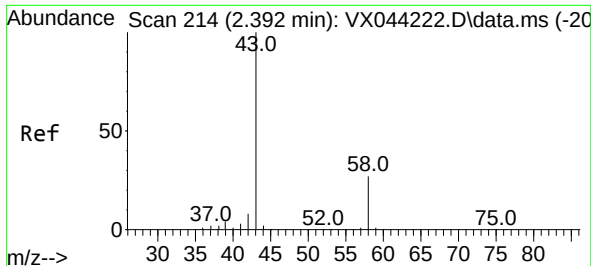
Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 0.242 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

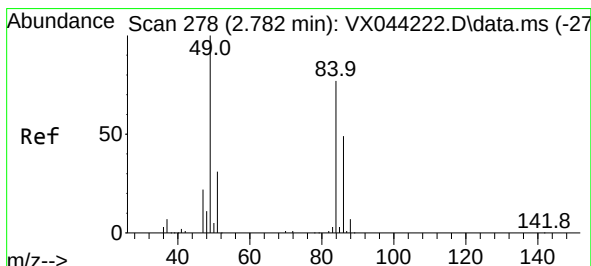
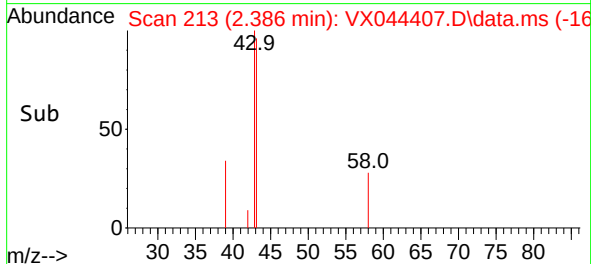
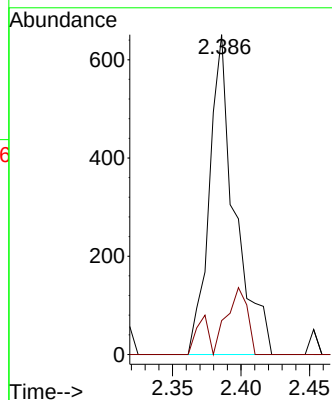
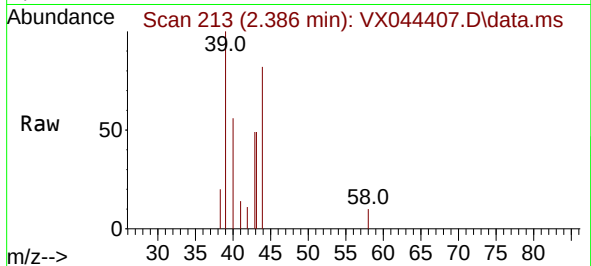




#16
Acetone
Concen: 1.052 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

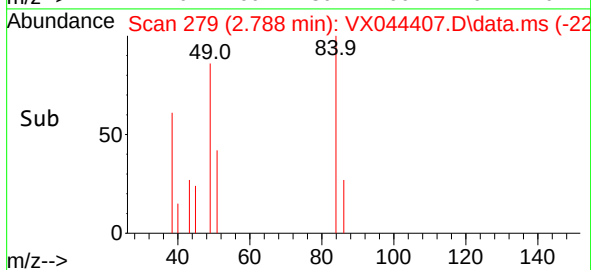
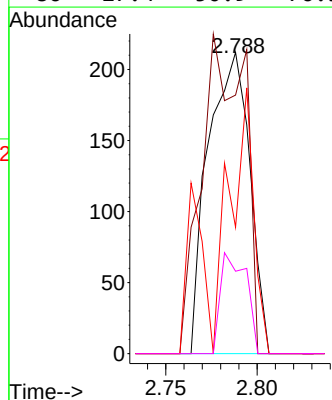
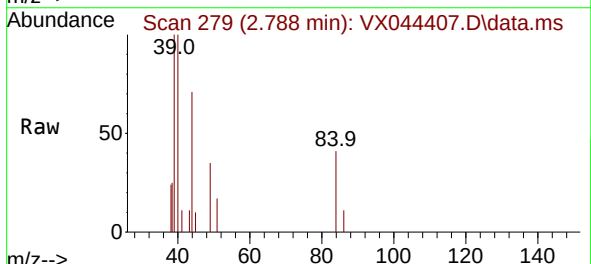
Instrument :
MSVOA_X
ClientSampleId :

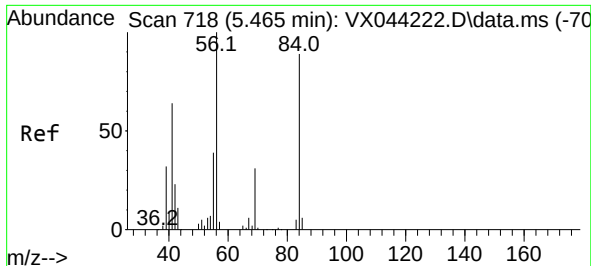
Tgt Ion: 43 Resp: 842
Ion Ratio Lower Upper
43 100
58 10.6 21.6 32.4#



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

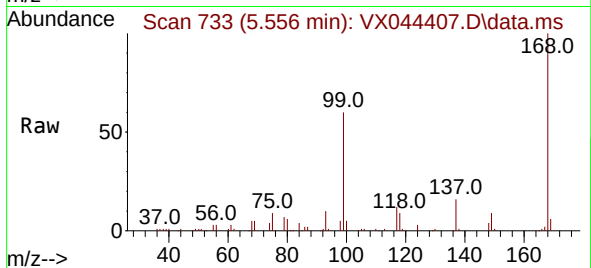
Tgt Ion: 84 Resp: 335
Ion Ratio Lower Upper
84 100
49 85.8 104.2 156.4#
51 42.0 32.2 48.4
86 27.4 50.9 76.3#



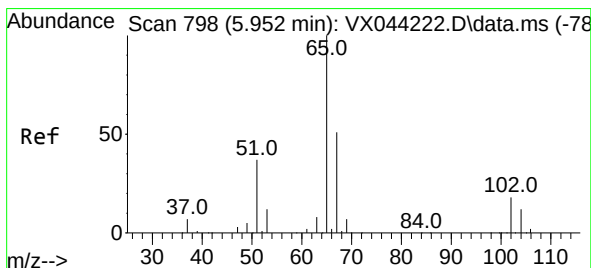
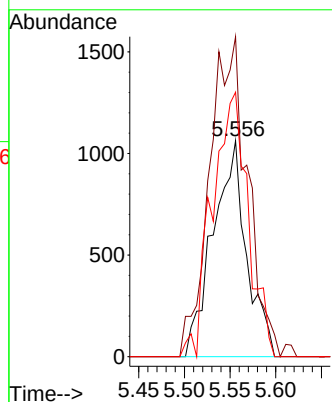
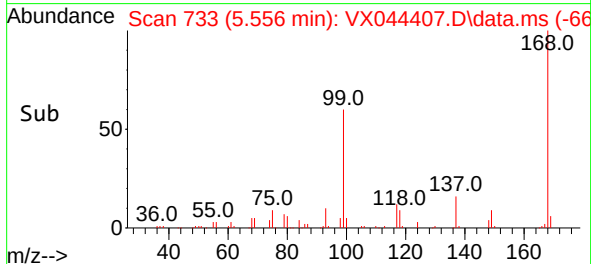


#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Instrument :
MSVOA_X
ClientSampleId :

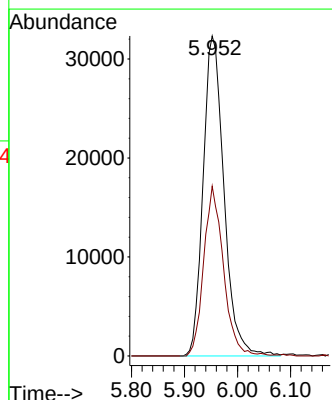
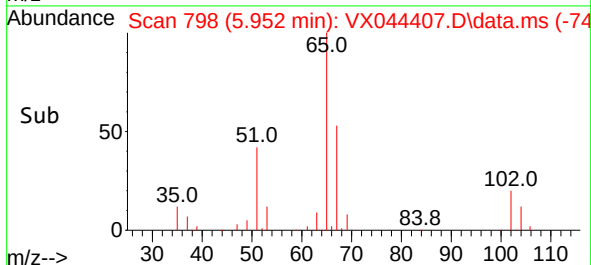
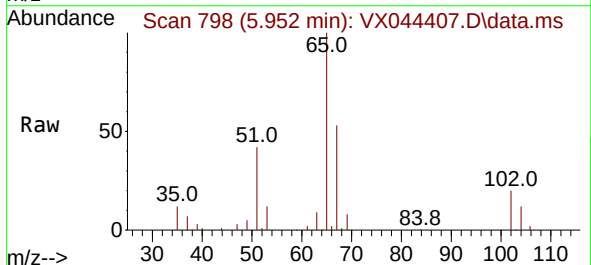


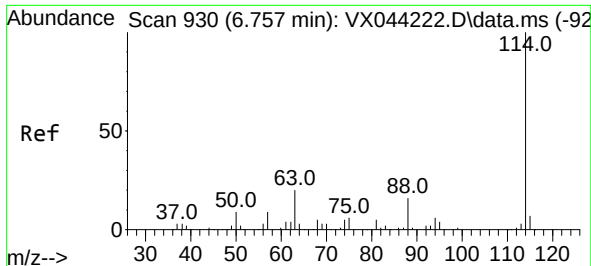
Tgt Ion: 56 Resp: 2705
Ion Ratio Lower Upper
56 100
69 148.2 24.7 37.1#
84 122.5 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 45.025 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Tgt Ion: 65 Resp: 88393
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6

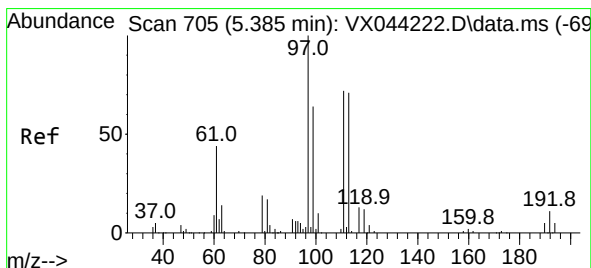
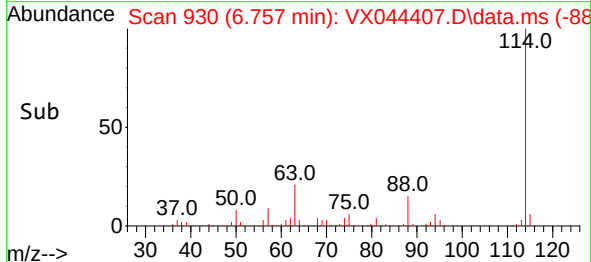
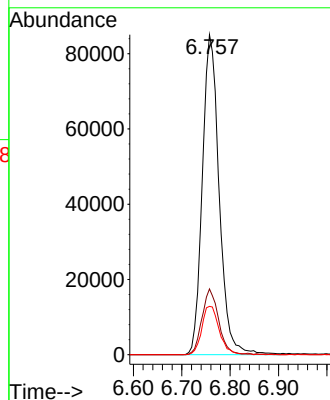
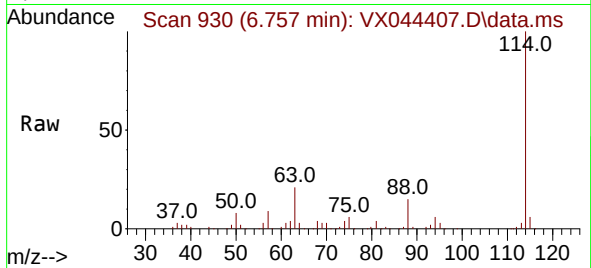




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

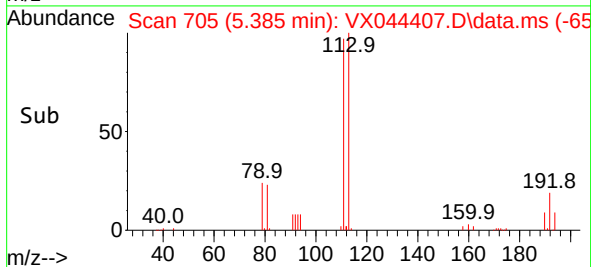
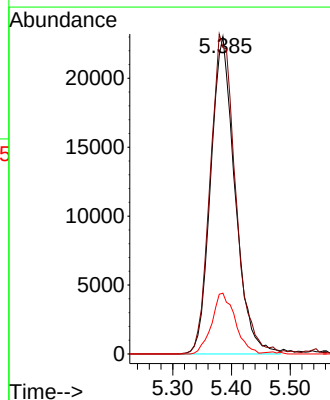
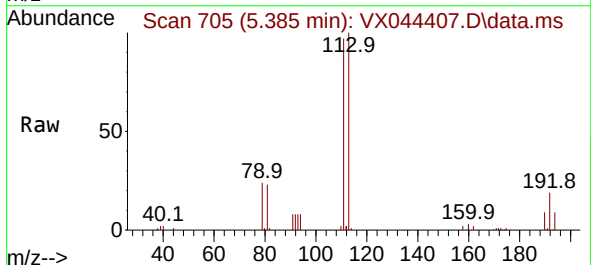
Instrument :
MSVOA_X
ClientSampleId :

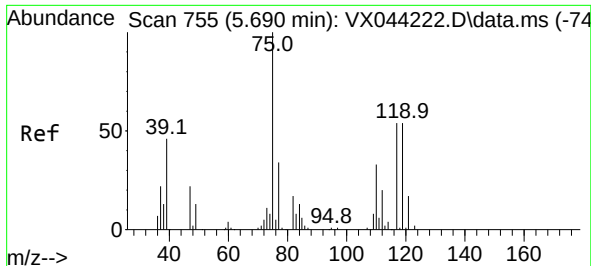
Tgt Ion:114 Resp: 205674
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.6
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.303 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Tgt Ion:113 Resp: 65958
Ion Ratio Lower Upper
113 100
111 105.5 80.4 120.6
192 18.6 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.641 ug/l

RT: 5.550 min Scan# 711

Delta R.T. -0.140 min

Lab File: VX044407.D

Acq: 19 Dec 2024 02:34

Instrument :

MSVOA_X

ClientSampleId :

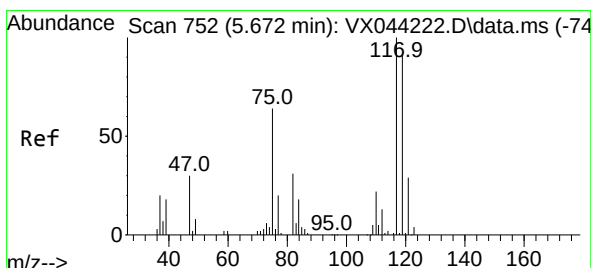
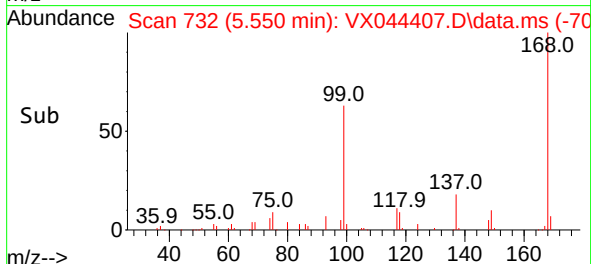
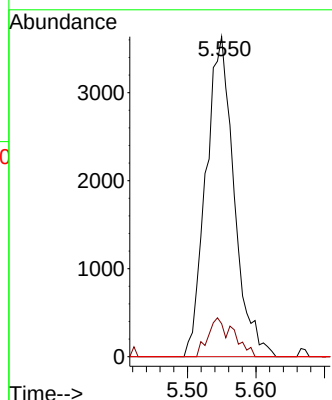
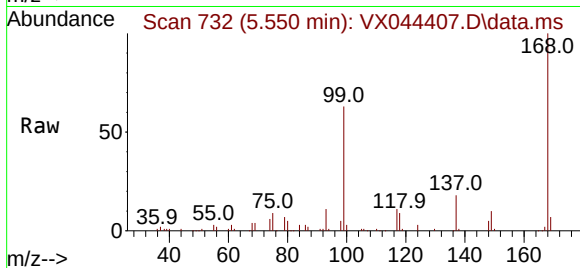
Tgt Ion: 75 Resp: 10387

Ion Ratio Lower Upper

75 100

110 11.0 17.3 51.7#

77 0.0 25.4 38.0#



#38

Carbon Tetrachloride

Concen: 6.576 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX044407.D

Acq: 19 Dec 2024 02:34

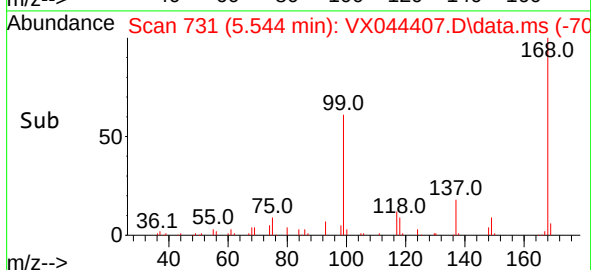
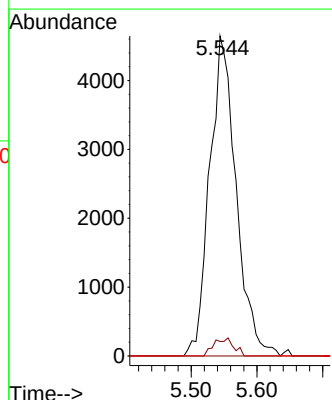
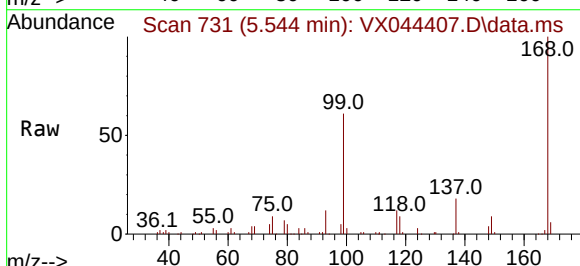
Tgt Ion: 117 Resp: 13036

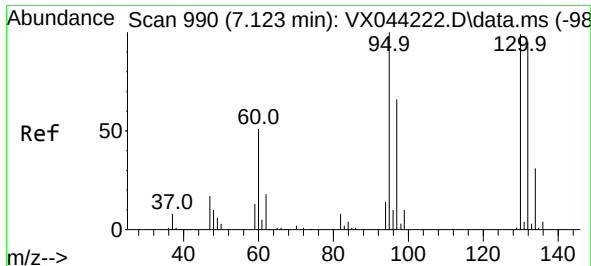
Ion Ratio Lower Upper

117 100

119 4.6 74.2 111.4#

121 0.0 23.0 34.6#

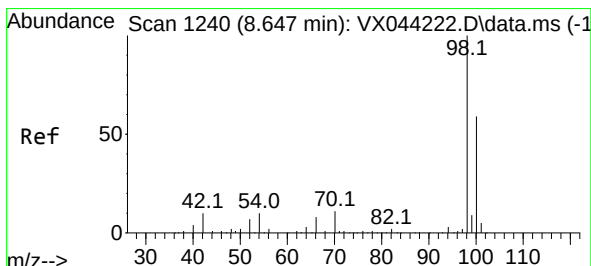
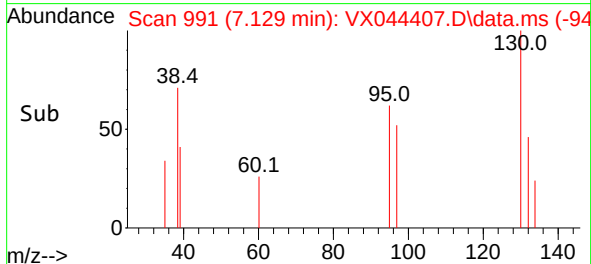
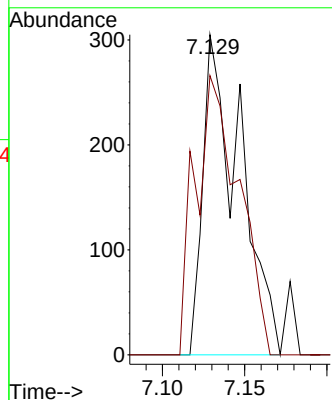
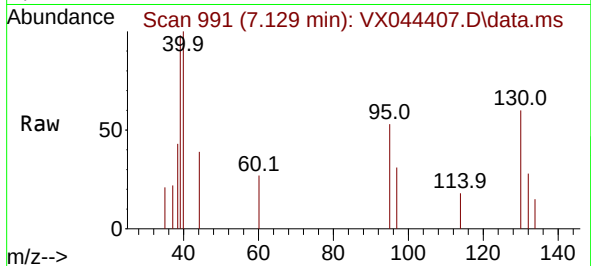




#44
Trichloroethene
Concen: 0.343 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

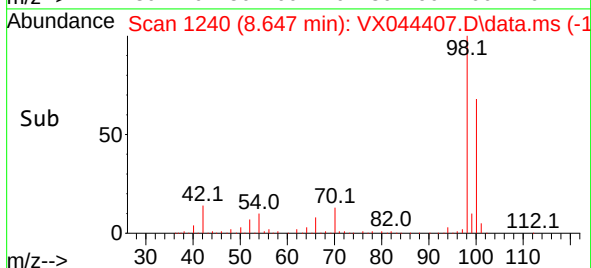
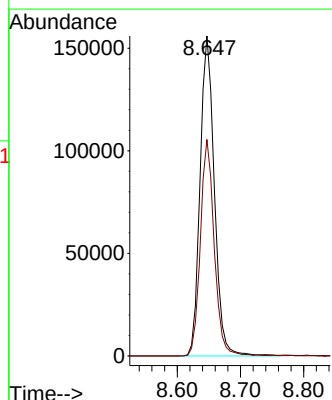
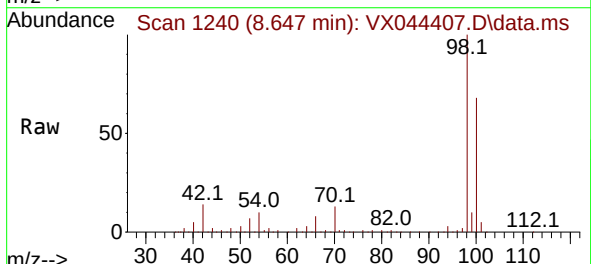
Instrument :
MSVOA_X
ClientSampleId :

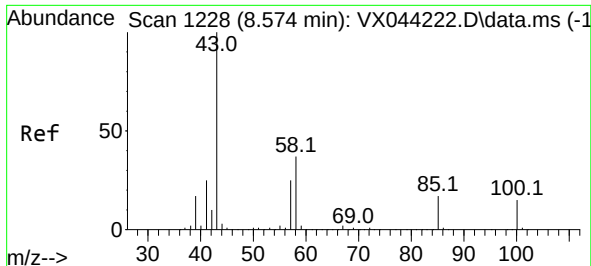
Tgt Ion:130 Resp: 478
Ion Ratio Lower Upper
130 100
95 87.2 0.0 201.4



#50
Toluene-d8
Concen: 51.191 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Tgt Ion: 98 Resp: 246011
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.533 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX044407.D

Acq: 19 Dec 2024 02:34

Instrument :

MSVOA_X

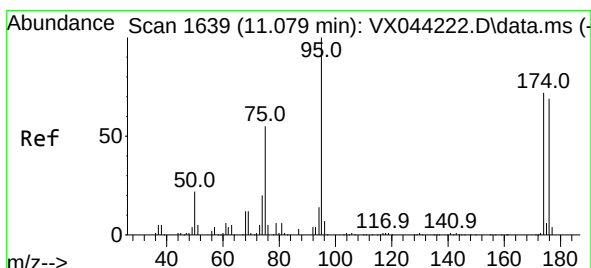
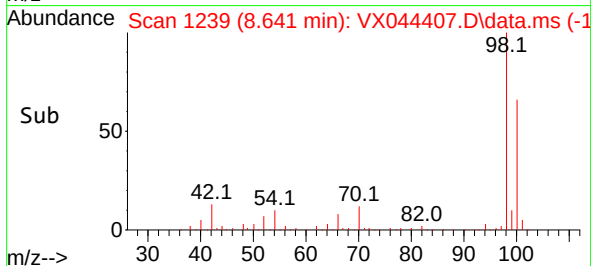
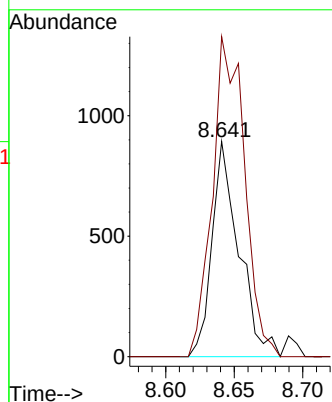
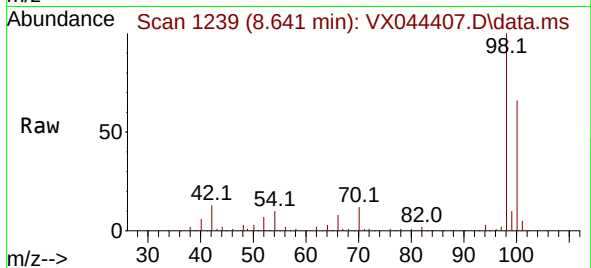
ClientSampleId :

Tgt Ion: 43 Resp: 1219

Ion Ratio Lower Upper

43 100

58 177.7 29.4 44.0#



#62

4-Bromofluorobenzene

Concen: 45.862 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044407.D

Acq: 19 Dec 2024 02:34

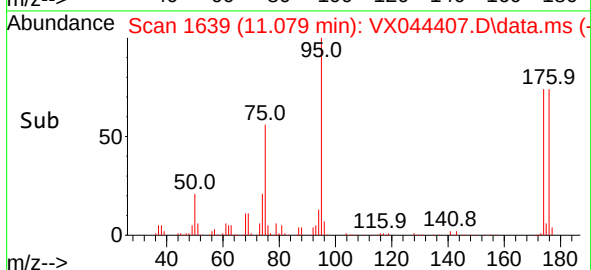
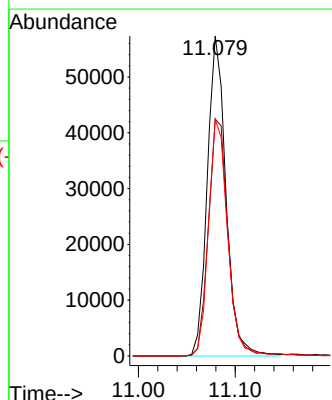
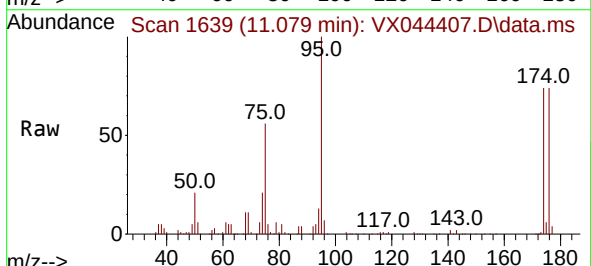
Tgt Ion: 95 Resp: 77014

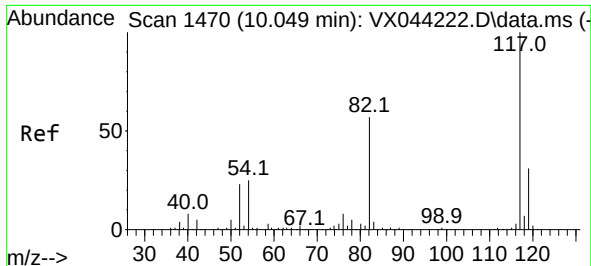
Ion Ratio Lower Upper

95 100

174 78.4 0.0 145.8

176 76.1 0.0 137.8

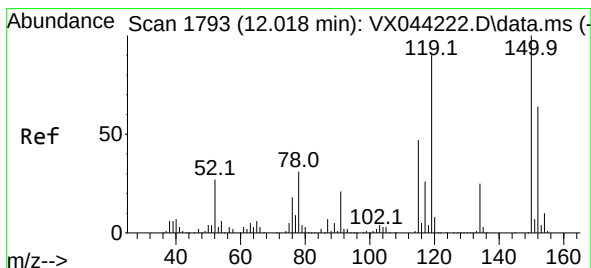
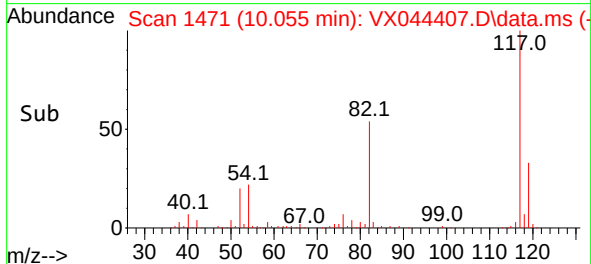
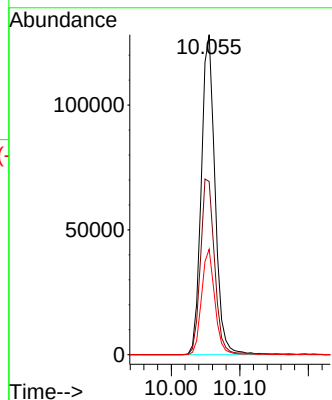
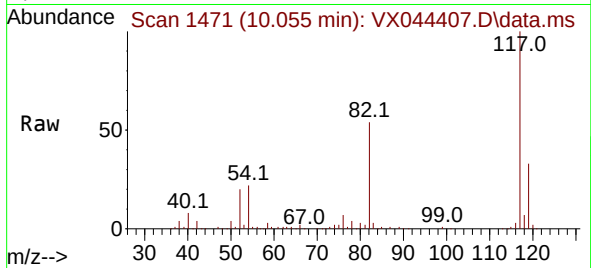




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

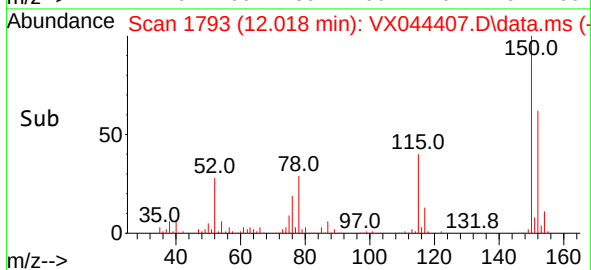
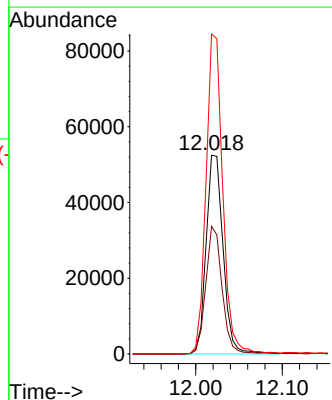
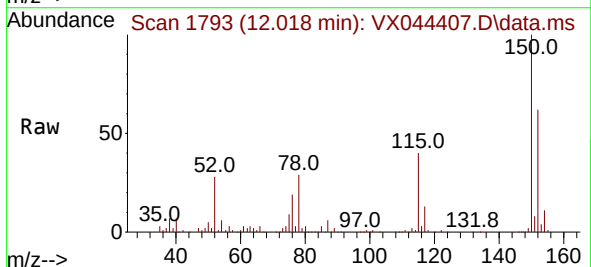
Instrument :
MSVOA_X
ClientSampleId :

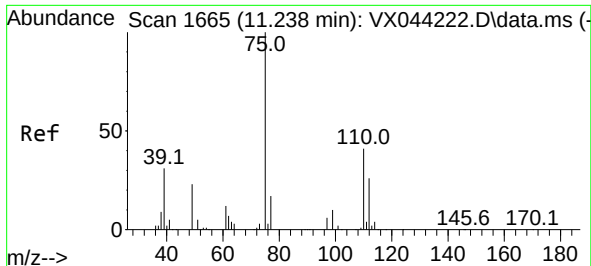
Tgt Ion:117 Resp: 179449
Ion Ratio Lower Upper
117 100
82 54.1 45.8 68.8
119 32.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Tgt Ion:152 Resp: 71479
Ion Ratio Lower Upper
152 100
115 61.9 44.5 133.3
150 158.1 0.0 353.8

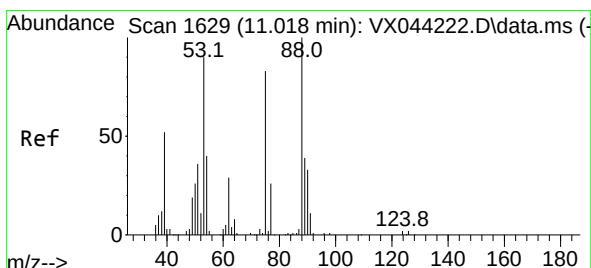
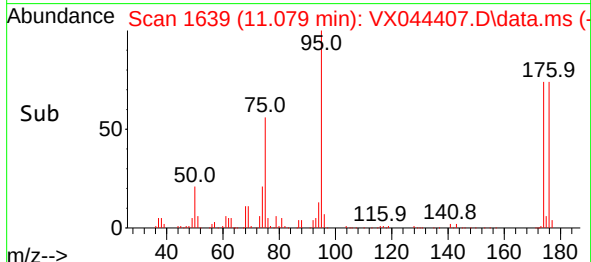
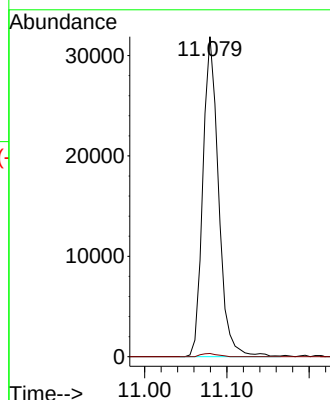
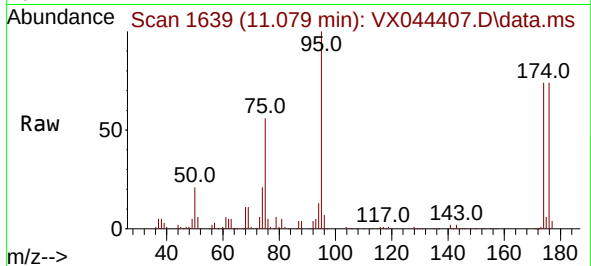




#76
1,2,3-Trichloropropane
Concen: 26.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42525
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044407.D
Acq: 19 Dec 2024 02:34

Tgt Ion: 75 Resp: 42525
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

