

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044412.D
 Acq On : 19 Dec 2024 04:31
 Operator : JC/MD
 Sample : P5317-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 05:11:00 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)

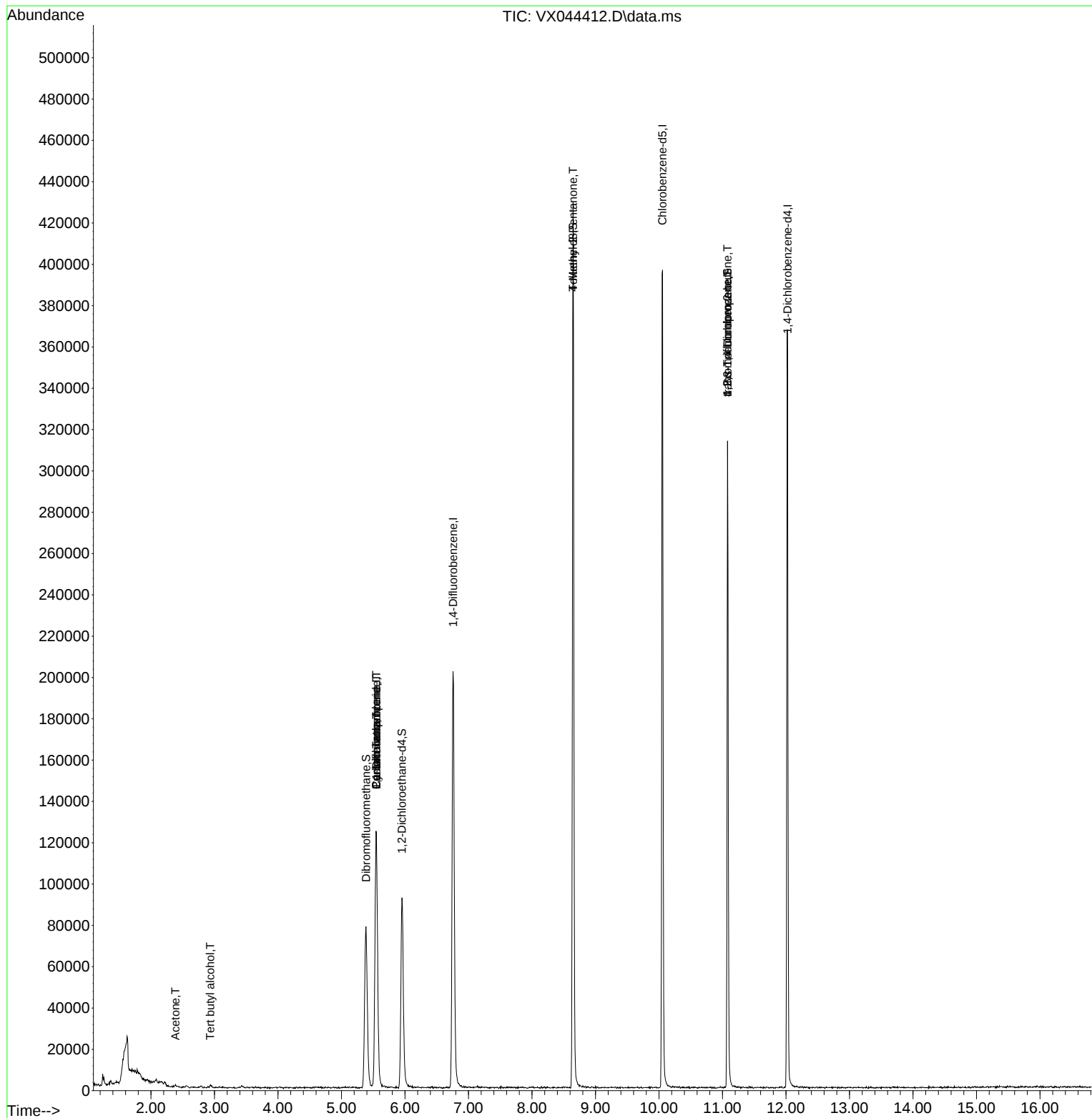
Internal Standards						
1) Pentafluorobenzene	5.550	168	111175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89922	46.131	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.260%
35) Dibromofluoromethane	5.385	113	67869	47.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.620%
50) Toluene-d8	8.647	98	250204	51.700	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.400%
62) 4-Bromofluorobenzene	11.079	95	78327	46.318	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.640%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.935	59	466	1.696	ug/l #	71
16) Acetone	2.386	43	920	1.158	ug/l	93
31) Cyclohexane	5.550	56	3056	1.453	ug/l #	41
36) 1,1-Dichloropropene	5.550	75	9849	5.312	ug/l #	48
38) Carbon Tetrachloride	5.550	117	12314	6.168	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1223	0.531	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43792	26.496	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	43792	73.031	ug/l #	4

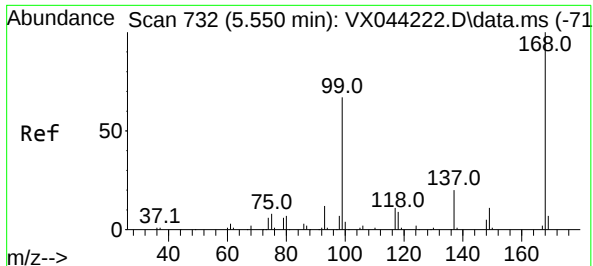
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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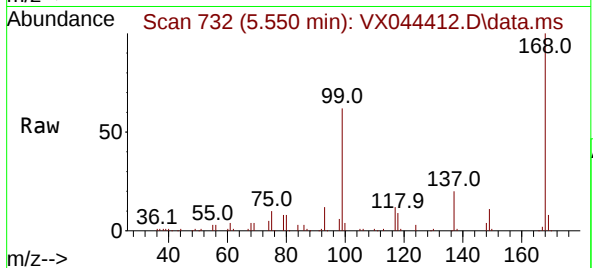
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



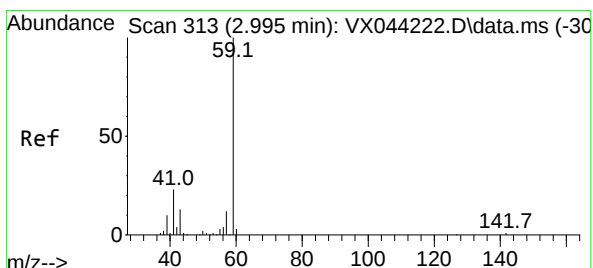
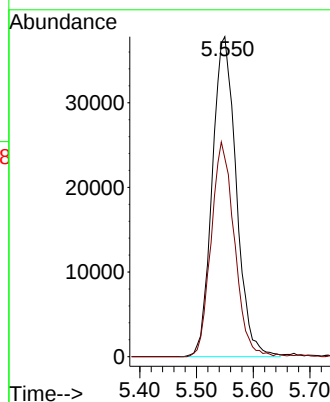
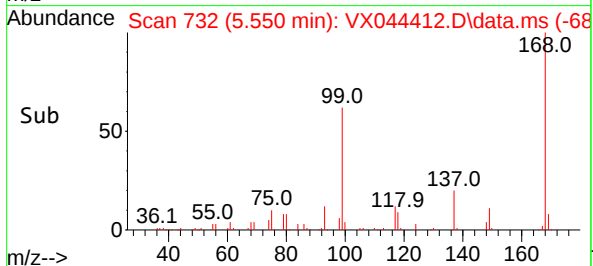


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

Instrument :
MSVOA_X
ClientSampleId :

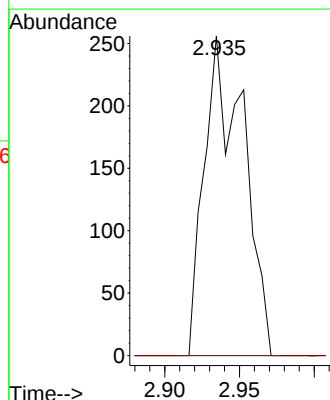
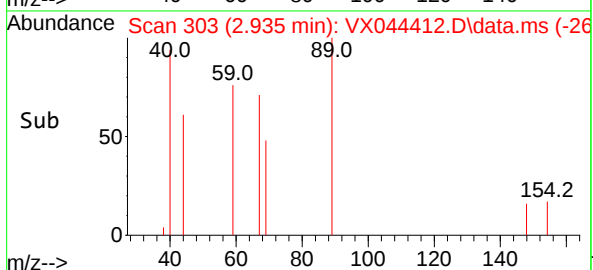
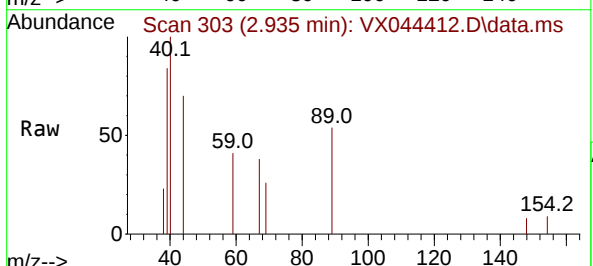


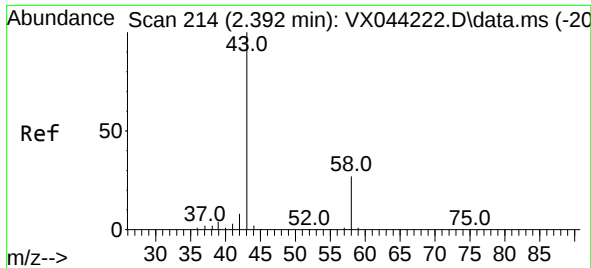
Tgt Ion:168 Resp: 111175
Ion Ratio Lower Upper
168 100
99 62.0 53.4 80.0



#11
Tert butyl alcohol
Concen: 1.696 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

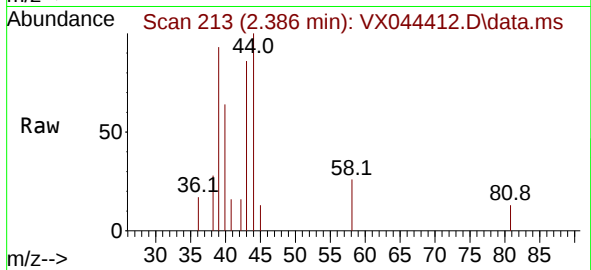
Tgt Ion: 59 Resp: 466
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



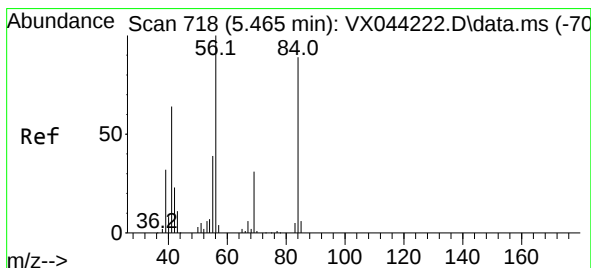
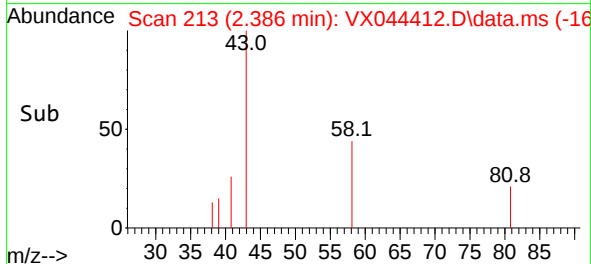
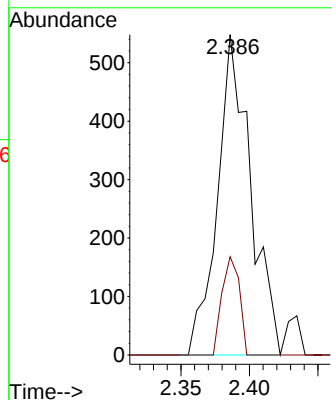


#16
Acetone
Concen: 1.158 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

Instrument :
MSVOA_X
ClientSampleId :

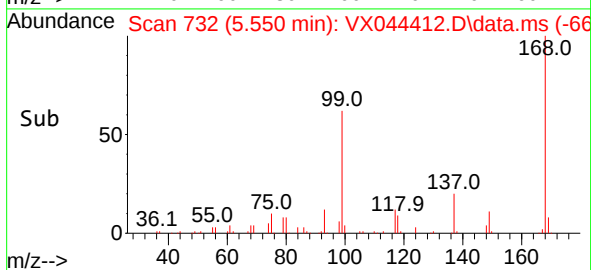
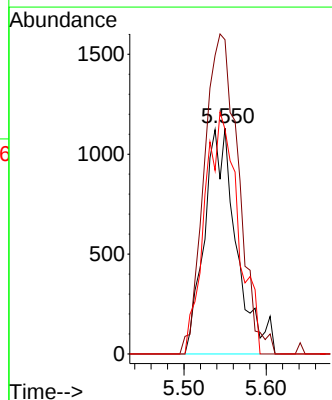
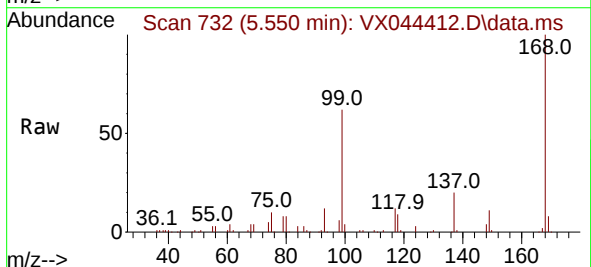


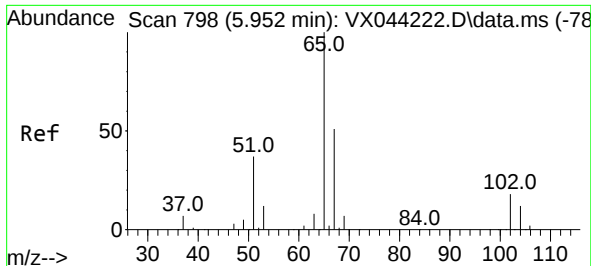
Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
58 30.7 21.6 32.4



#31
Cyclohexane
Concen: 1.453 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

Tgt Ion: 56 Resp: 3056
Ion Ratio Lower Upper
56 100
69 139.2 24.7 37.1#
84 99.6 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 46.131 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044412.D

Acq: 19 Dec 2024 04:31

Instrument :

MSVOA_X

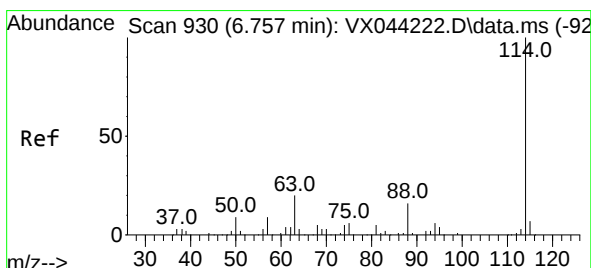
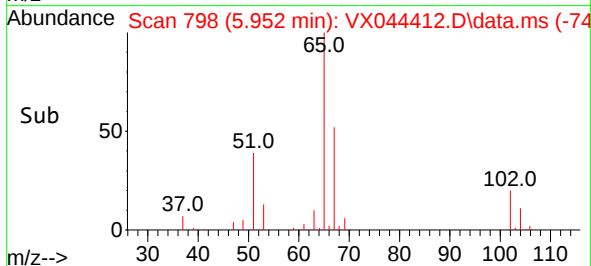
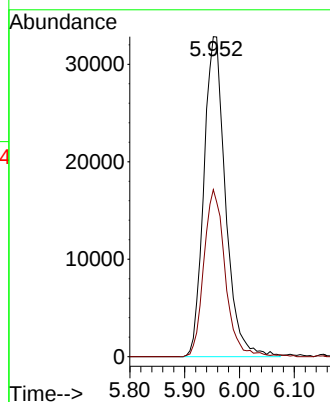
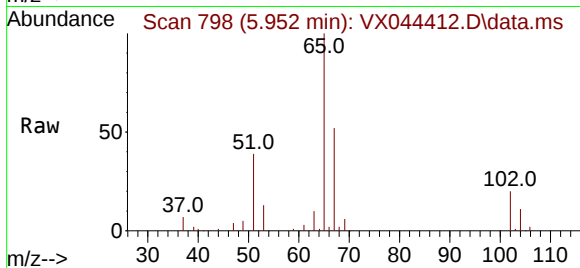
ClientSampleId :

Tgt Ion: 65 Resp: 89922

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044412.D

Acq: 19 Dec 2024 04:31

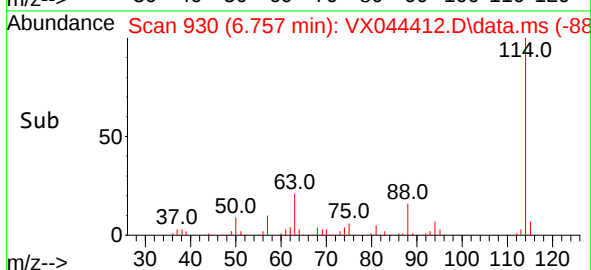
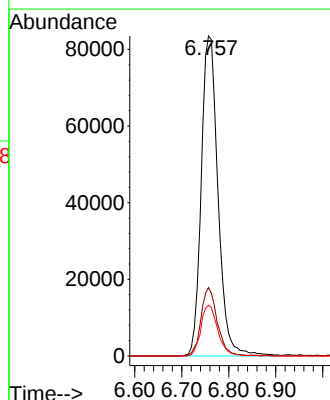
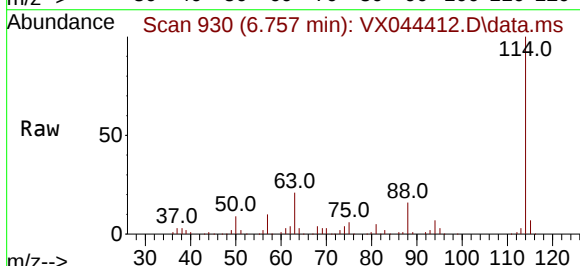
Tgt Ion: 114 Resp: 207120

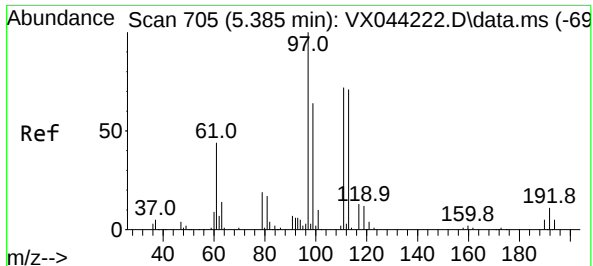
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

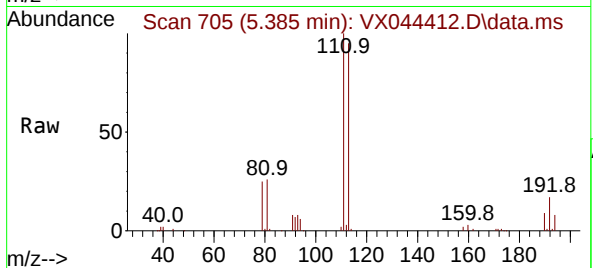
88 15.9 0.0 31.8



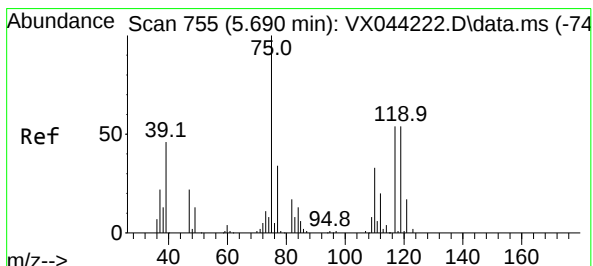
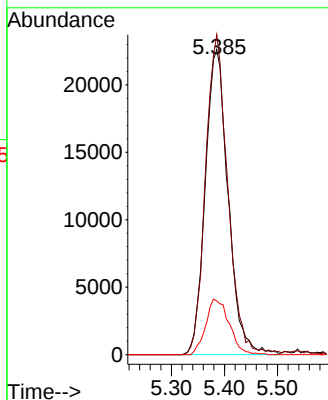
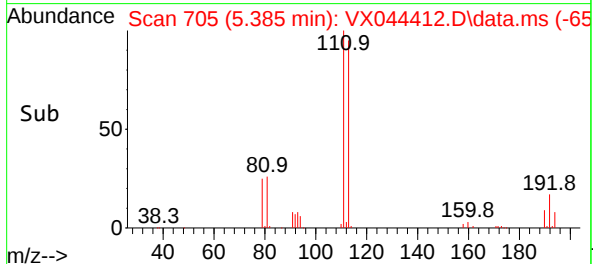


#35
Dibromofluoromethane
Concen: 47.312 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

Instrument :
MSVOA_X
ClientSampleId :

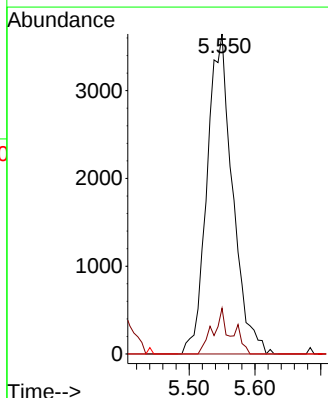
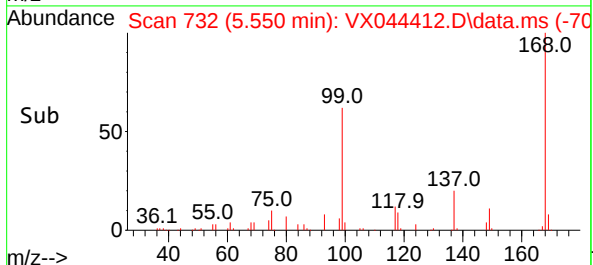
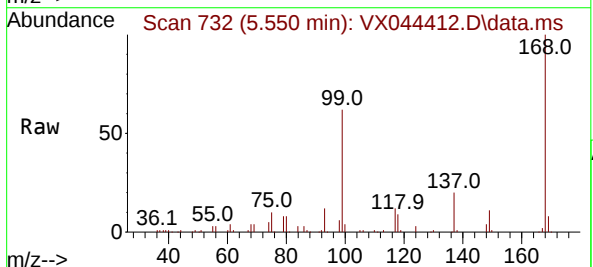


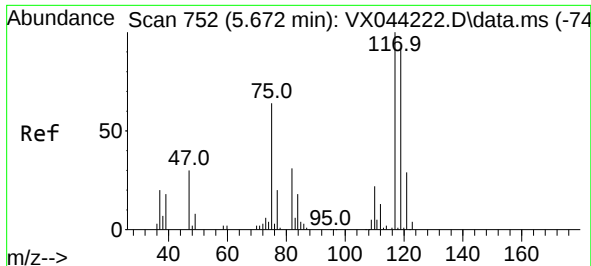
Tgt Ion:113 Resp: 67869
Ion Ratio Lower Upper
113 100
111 102.2 80.4 120.6
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.312 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

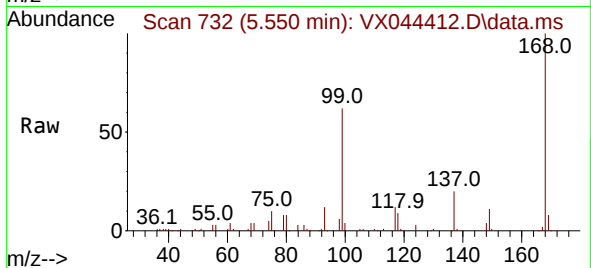
Tgt Ion: 75 Resp: 9849
Ion Ratio Lower Upper
75 100
110 7.5 17.3 51.7#
77 0.0 25.4 38.0#



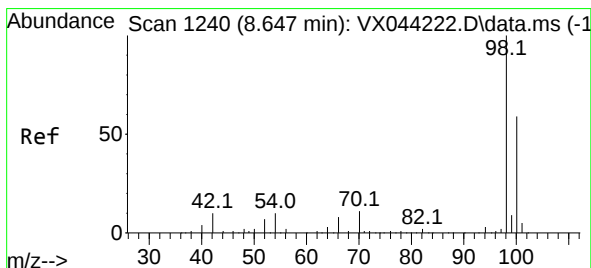
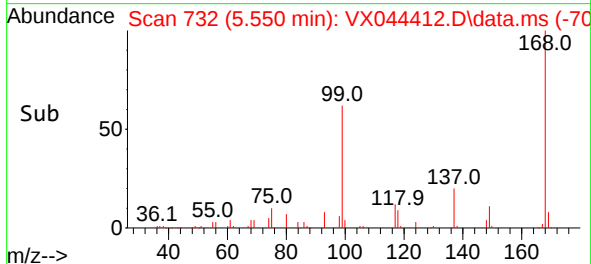
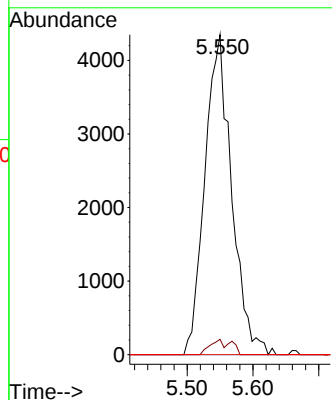


#38
Carbon Tetrachloride
Concen: 6.168 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

Instrument :
MSVOA_X
ClientSampleId :

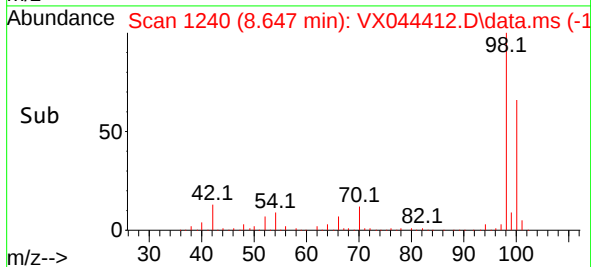
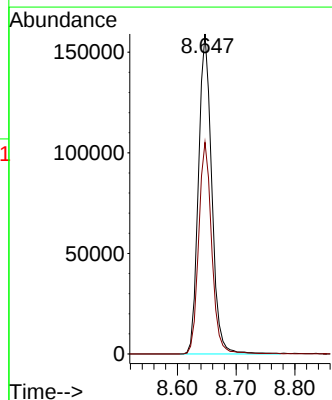
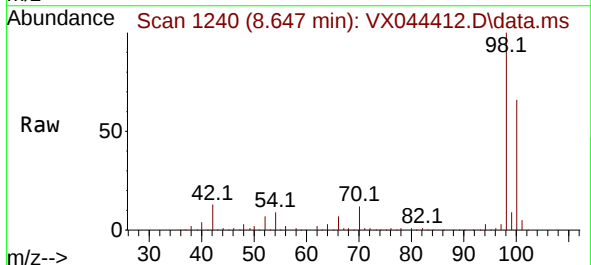


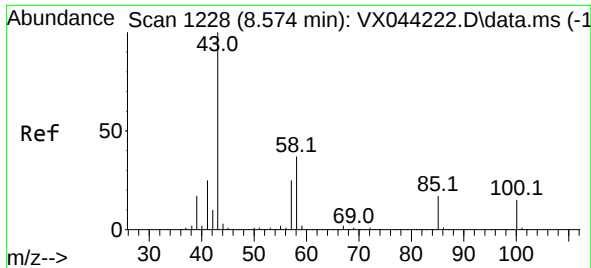
Tgt Ion:117 Resp: 12314
Ion Ratio Lower Upper
117 100
119 4.8 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 51.700 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

Tgt Ion: 98 Resp: 250204
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3

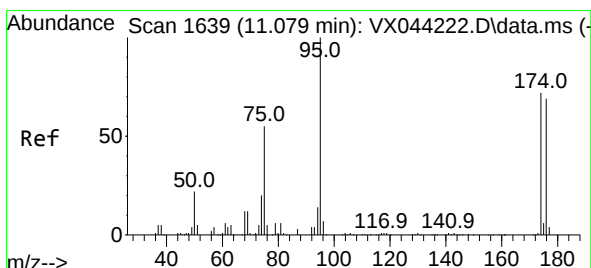
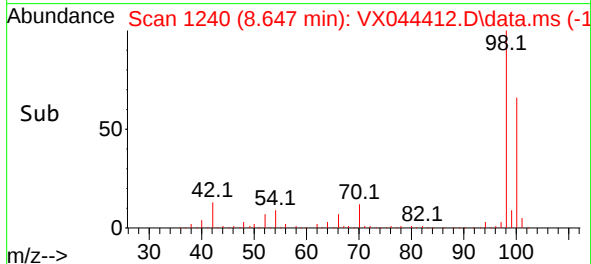
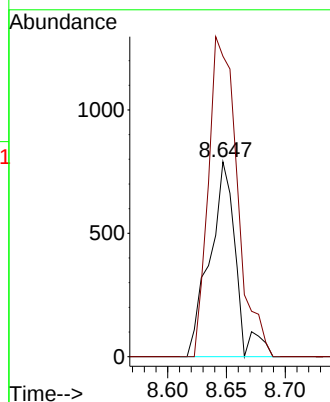
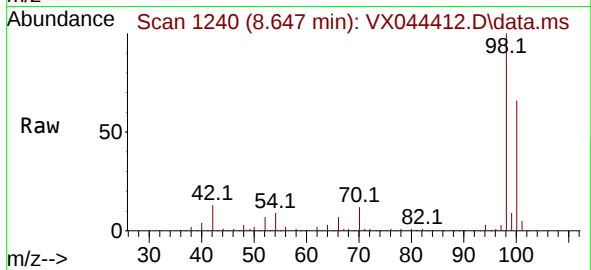




#51
4-Methyl-2-Pentanone
Concen: 0.531 ug/l
RT: 8.647 min Scan# 1223
Delta R.T. 0.073 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

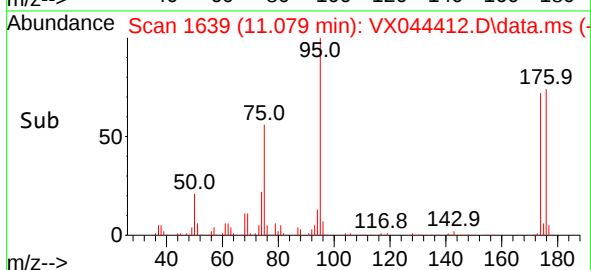
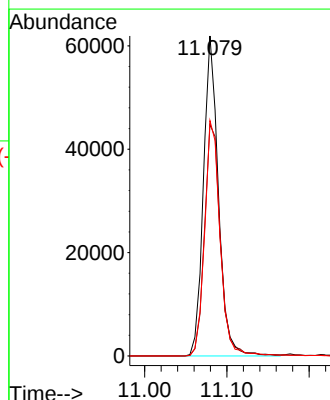
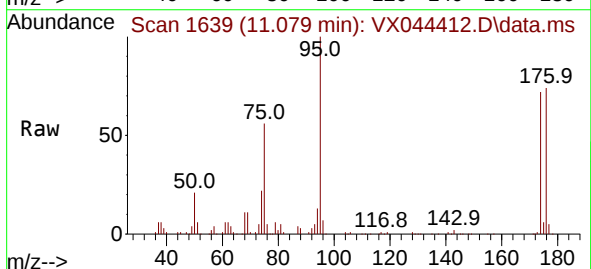
Instrument :
MSVOA_X
ClientSampleId :

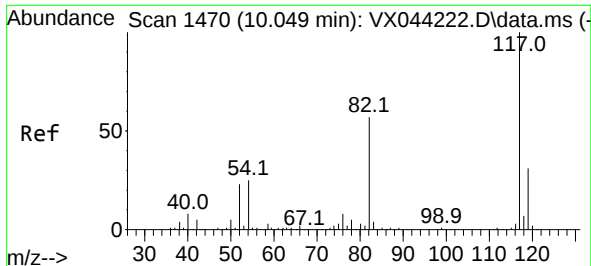
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 181.4 29.4 44.0#



#62
4-Bromofluorobenzene
Concen: 46.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

Tgt Ion: 95 Resp: 78327
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.8
176 76.2 0.0 137.8

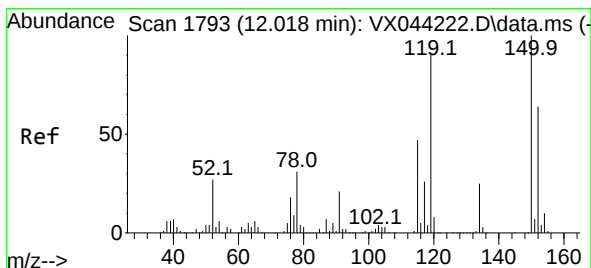
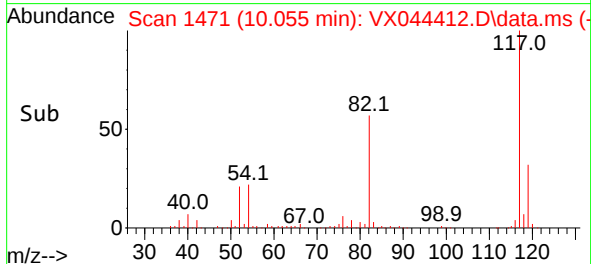
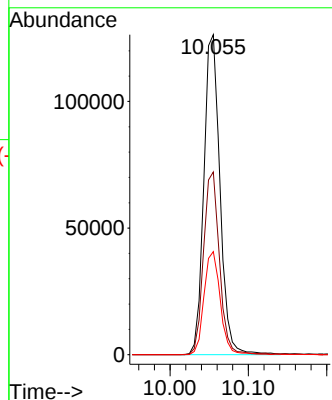
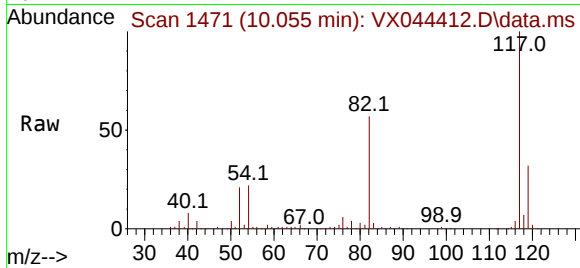




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

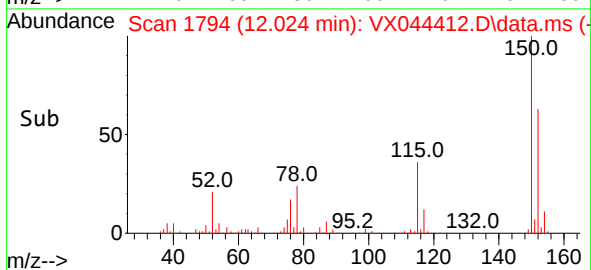
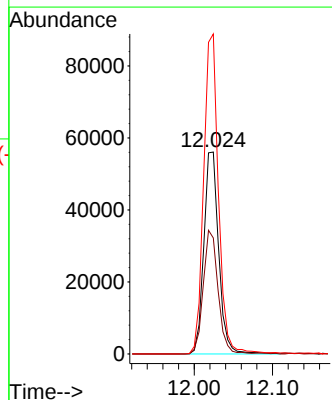
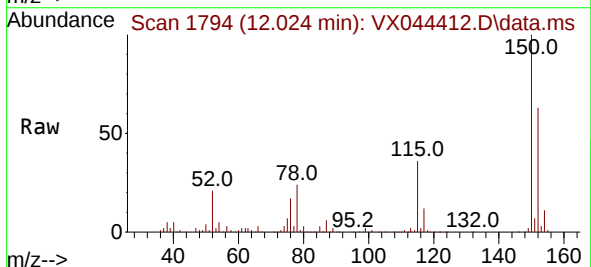
Instrument :
MSVOA_X
ClientSampleId :

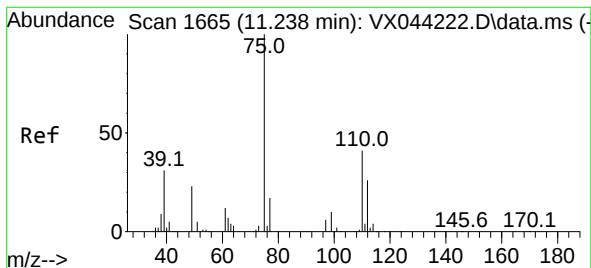
Tgt Ion:117 Resp: 180812
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.8
119 32.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044412.D
Acq: 19 Dec 2024 04:31

Tgt Ion:152 Resp: 74025
Ion Ratio Lower Upper
152 100
115 60.7 44.5 133.3
150 157.9 0.0 353.8





#76

1,2,3-Trichloropropane

Concen: 26.496 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX044412.D

Acq: 19 Dec 2024 04:31

Instrument :

MSVOA_X

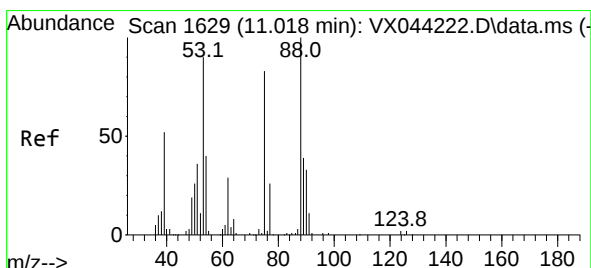
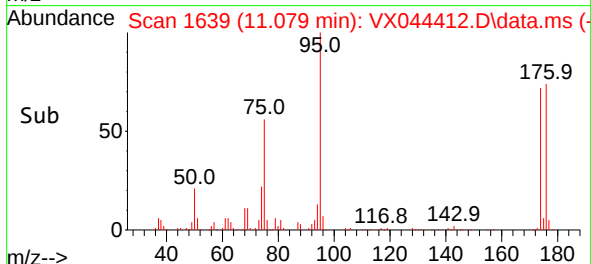
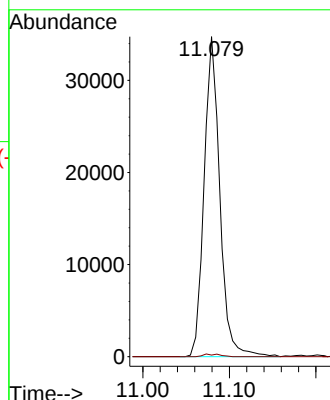
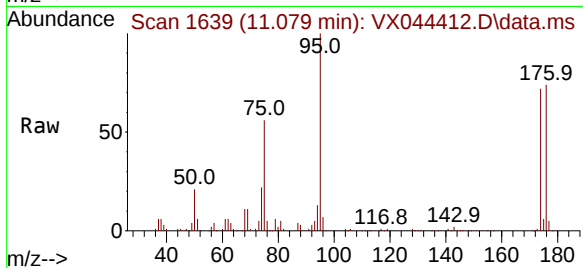
ClientSampleId :

Tgt Ion: 75 Resp: 43792

Ion Ratio Lower Upper

75 100

77 0.9 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.031 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044412.D

Acq: 19 Dec 2024 04:31

Tgt Ion: 75 Resp: 43792

Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.0 37.3 55.9#

