

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044448.D
 Acq On : 20 Dec 2024 13:36
 Operator : JC/MD
 Sample : P5314-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB190A-HYD-20241217

Quant Time: Dec 20 14:08:53 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)

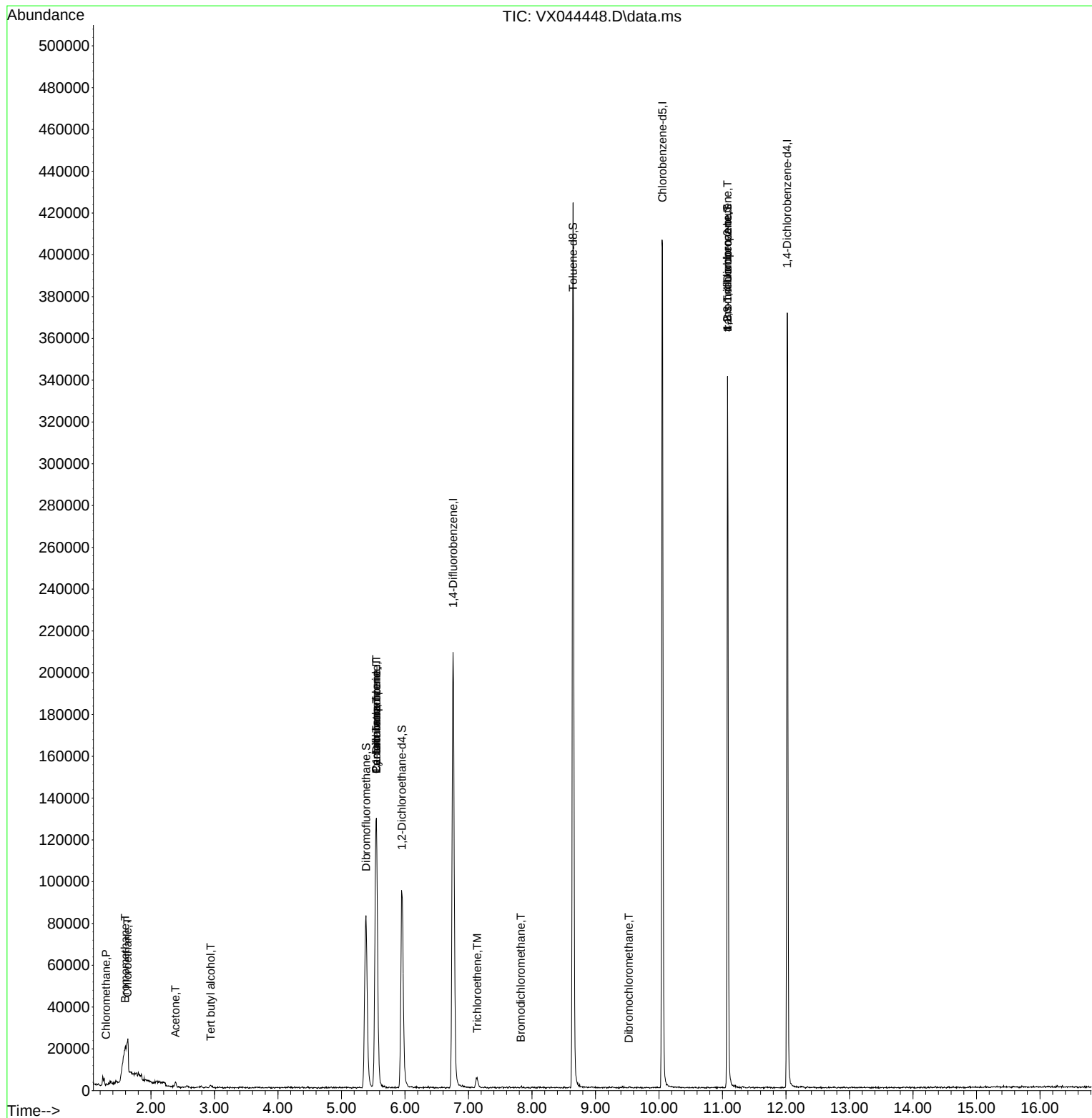
Internal Standards						
1) Pentafluorobenzene	5.550	168	122994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213253	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	188396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90570	41.999	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.000%
35) Dibromofluoromethane	5.385	113	70242	47.558	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.120%
50) Toluene-d8	8.647	98	255708	51.317	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.640%
62) 4-Bromofluorobenzene	11.079	95	85988	49.386	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	678	0.373	ug/l	89
5) Bromomethane	1.593	94	346	0.257	ug/l #	76
6) Chloroethane	1.630	64	478	0.405	ug/l #	6
11) Tert butyl alcohol	2.941	59	411	1.352	ug/l #	71
16) Acetone	2.386	43	2376	2.703	ug/l #	82
31) Cyclohexane	5.550	56	2895	1.244	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10255	5.371	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13041	6.345	ug/l #	17
44) Trichloroethene	7.135	130	2039	1.411	ug/l	85
47) Bromodichloromethane	7.824	83	449	0.226	ug/l #	76
60) Dibromochloromethane	9.525	129	368	1.476	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	47123	26.794	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	47123	73.789	ug/l #	4

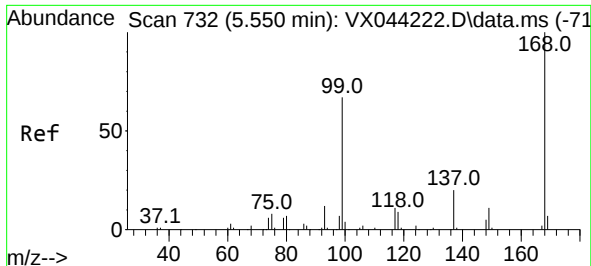
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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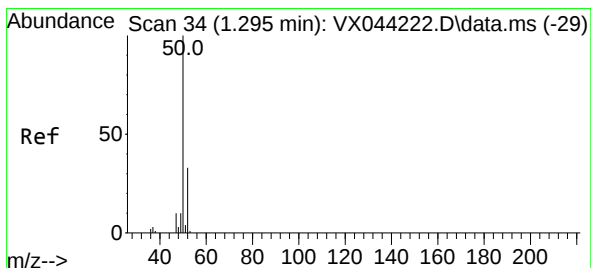
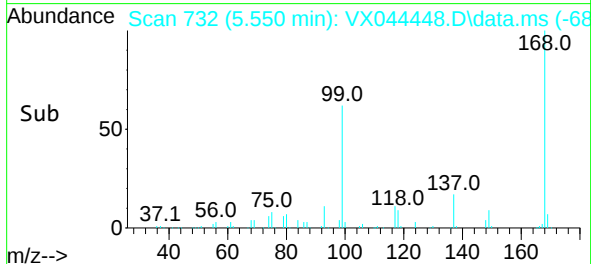
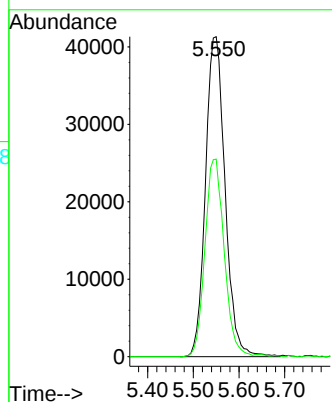
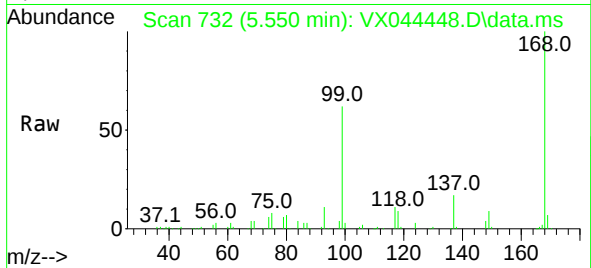




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

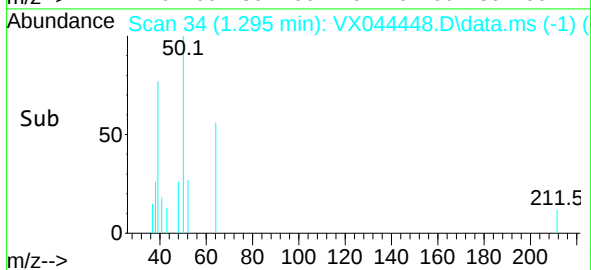
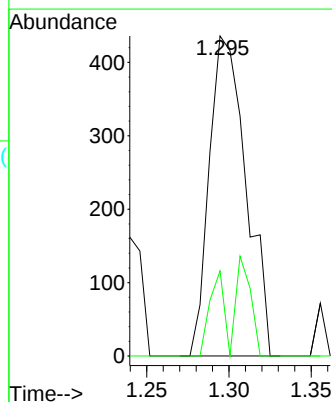
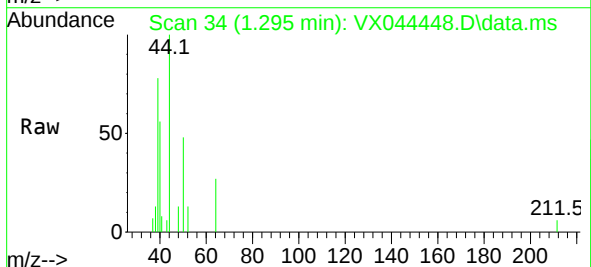
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241217

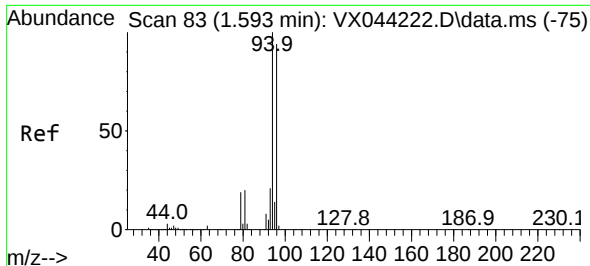
Tgt Ion:168 Resp: 122994
Ion Ratio Lower Upper
168 100
99 61.8 53.4 80.0



#3
Chloromethane
Concen: 0.373 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

Tgt Ion: 50 Resp: 678
Ion Ratio Lower Upper
50 100
52 26.6 26.5 39.7

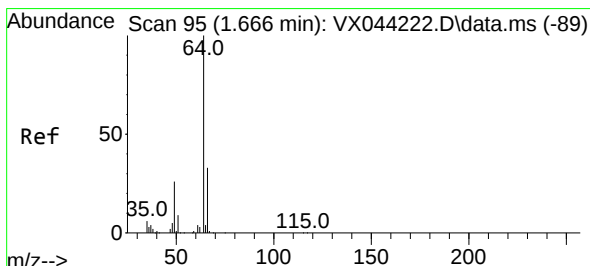
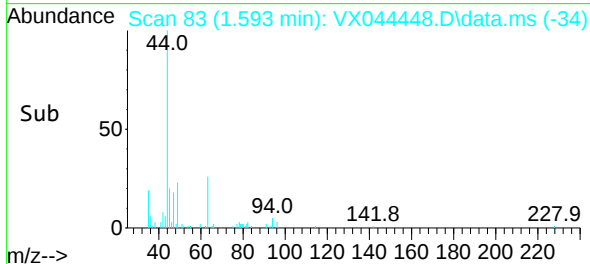
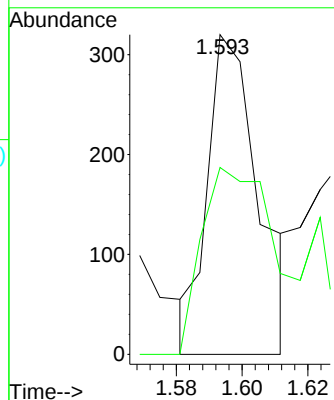
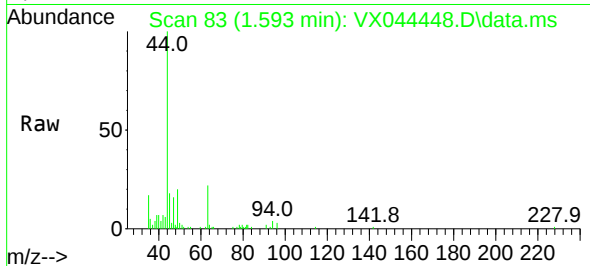




#5
Bromomethane
Concen: 0.257 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

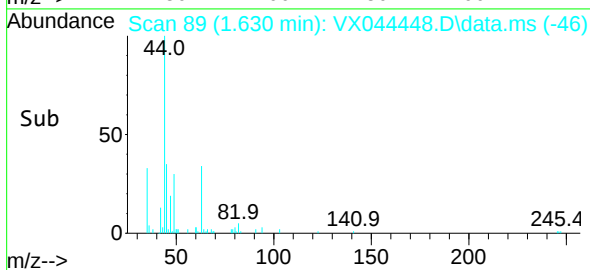
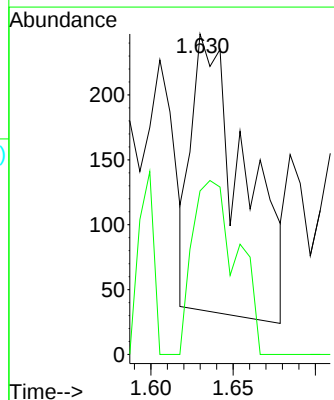
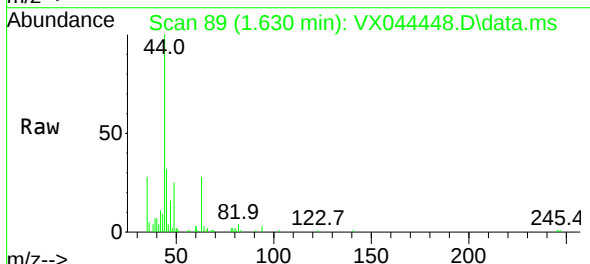
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241217

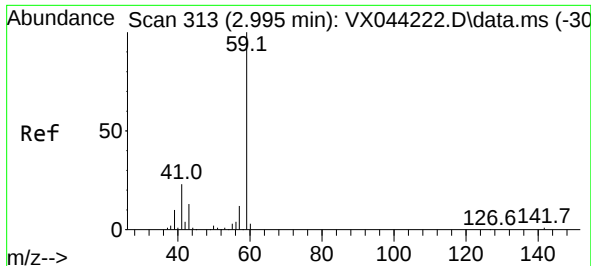
Tgt Ion: 94 Resp: 346
Ion Ratio Lower Upper
94 100
96 70.6 74.9 112.3#



#6
Chloroethane
Concen: 0.405 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.037 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

Tgt Ion: 64 Resp: 478
Ion Ratio Lower Upper
64 100
66 86.3 26.6 39.8#





#11

Tert butyl alcohol

Concen: 1.352 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX044448.D

Acq: 20 Dec 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

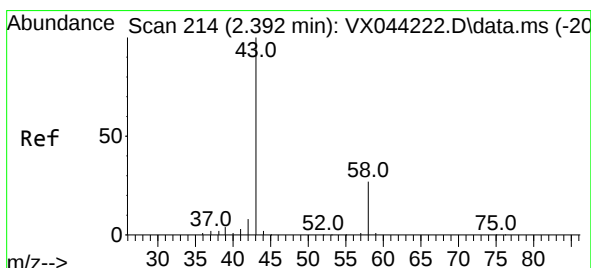
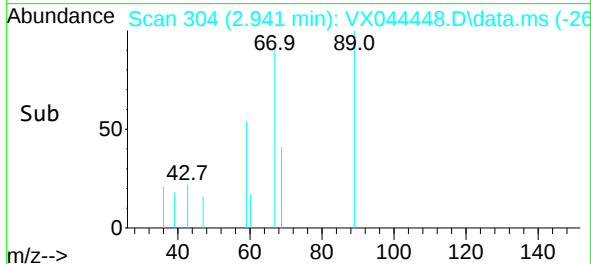
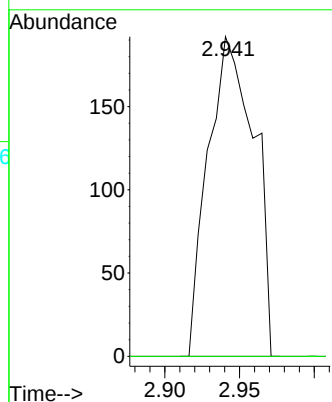
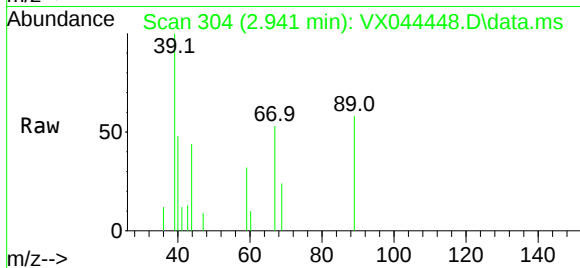
VPB190A-HYD-20241217

Tgt Ion: 59 Resp: 411

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 2.703 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044448.D

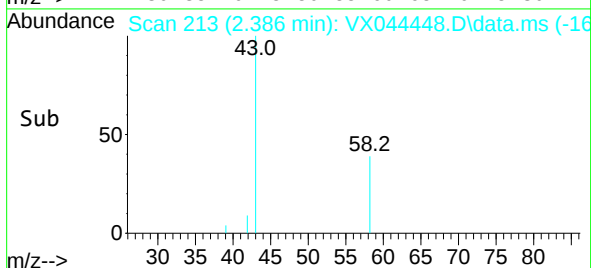
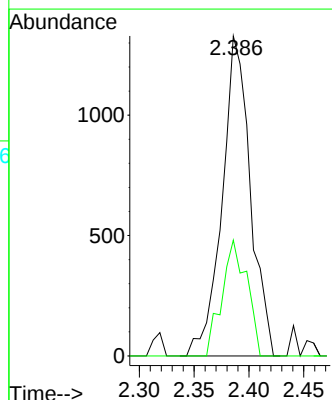
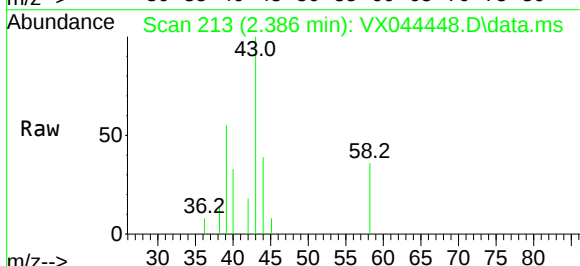
Acq: 20 Dec 2024 13:36

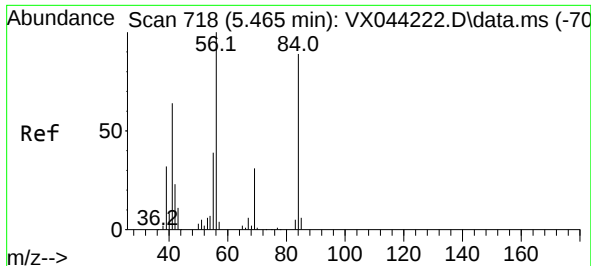
Tgt Ion: 43 Resp: 2376

Ion Ratio Lower Upper

43 100

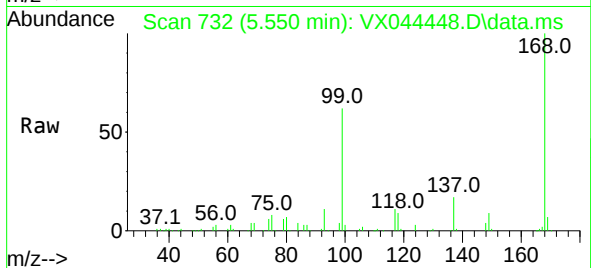
58 36.2 21.6 32.4#



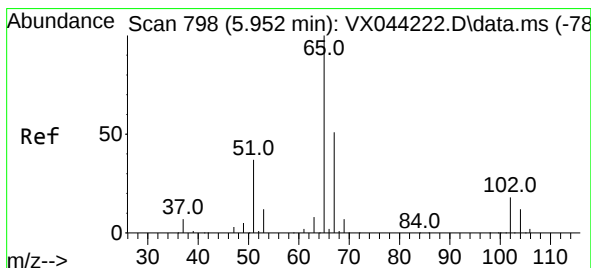
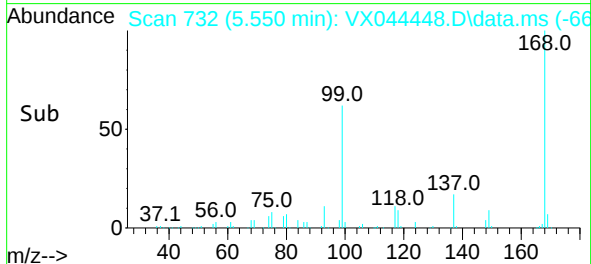
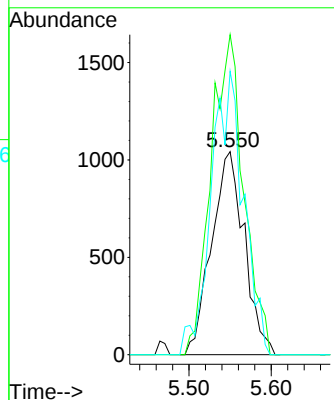


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241217

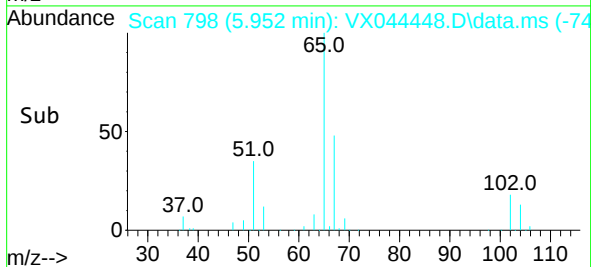
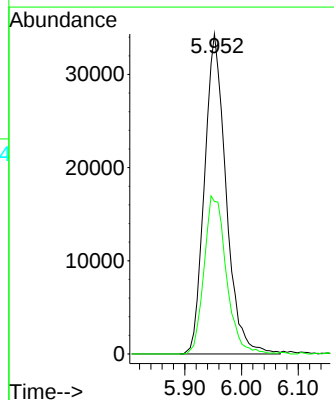
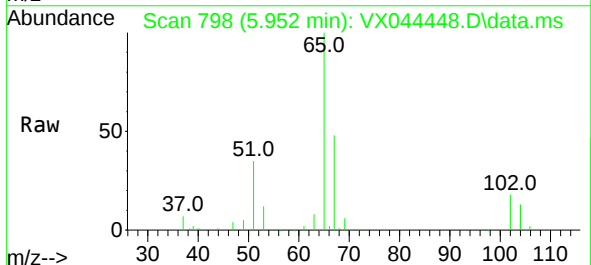


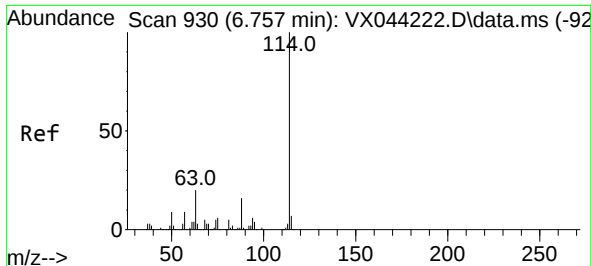
Tgt Ion: 56 Resp: 2895
Ion Ratio Lower Upper
56 100
69 157.5 24.7 37.1#
84 139.5 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 41.999 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

Tgt Ion: 65 Resp: 90570
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX044448.D

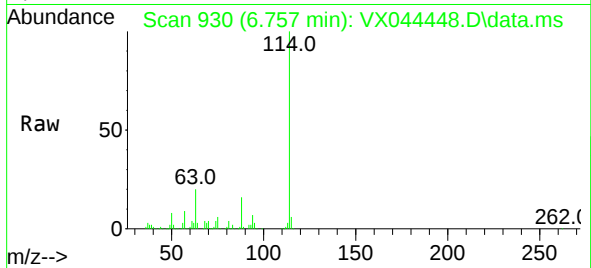
Acq: 20 Dec 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

VPB190A-HYD-20241217



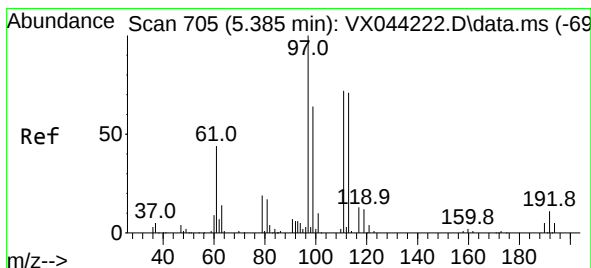
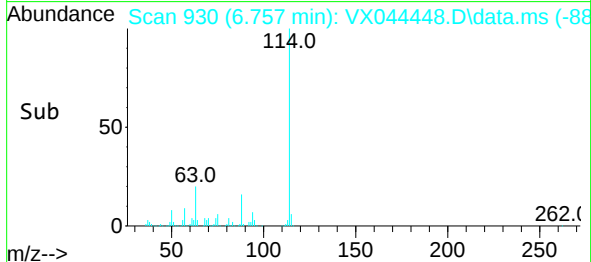
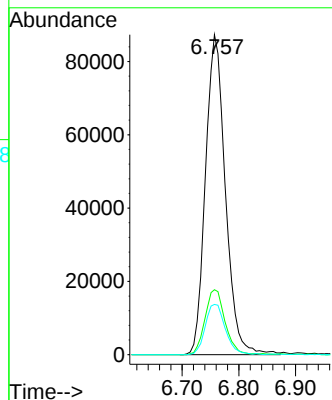
Tgt Ion:114 Resp: 213253

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.6

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.558 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX044448.D

Acq: 20 Dec 2024 13:36

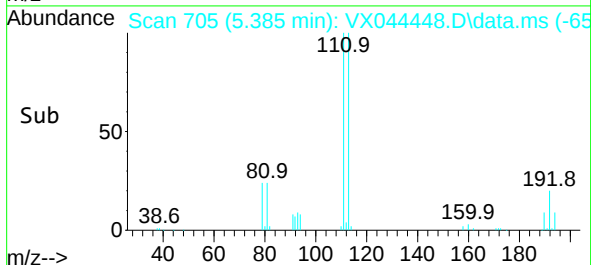
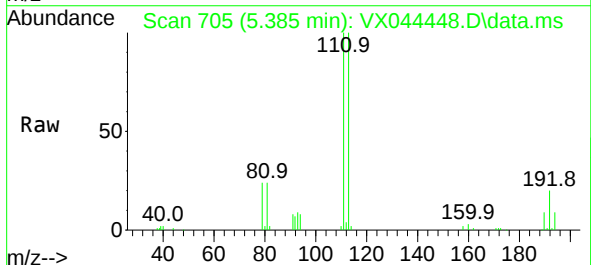
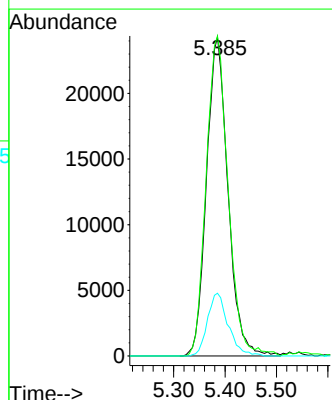
Tgt Ion:113 Resp: 70242

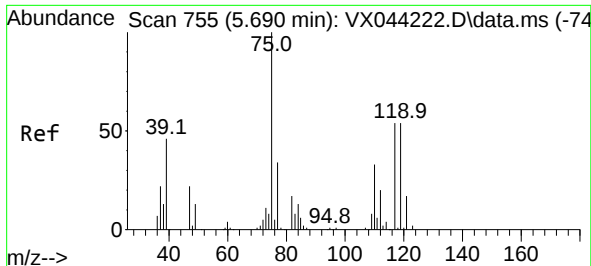
Ion Ratio Lower Upper

113 100

111 102.8 80.4 120.6

192 19.1 13.3 19.9

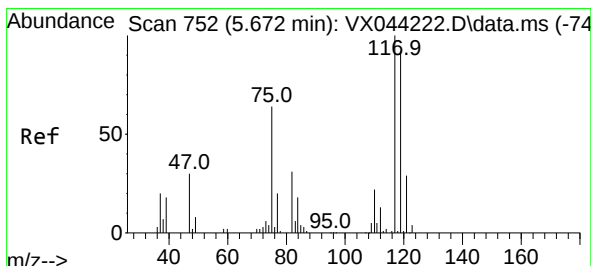
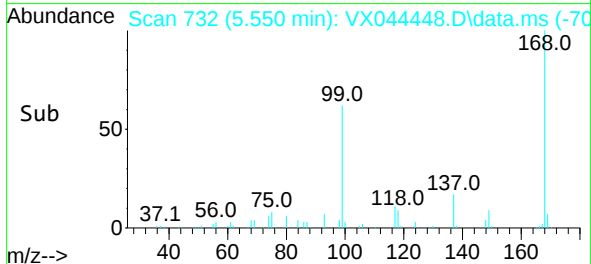
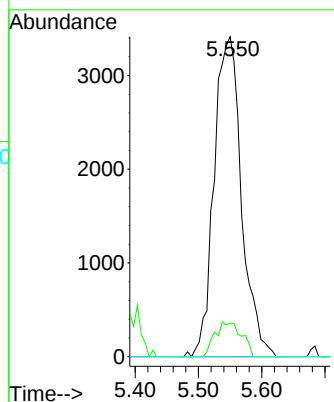
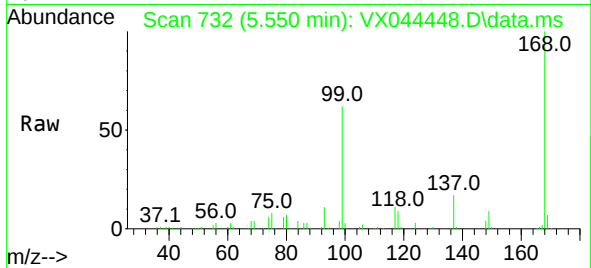




#36
1,1-Dichloropropene
Concen: 5.371 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

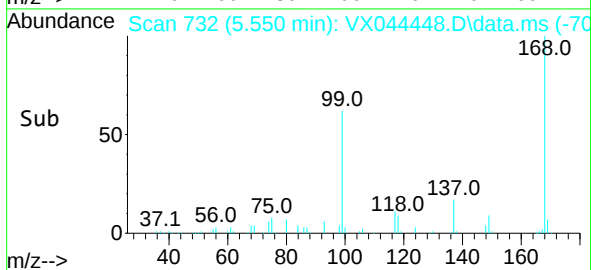
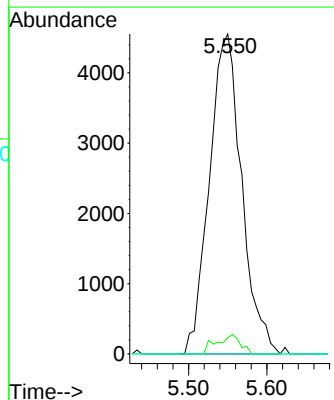
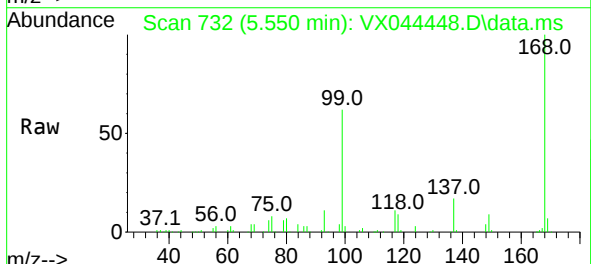
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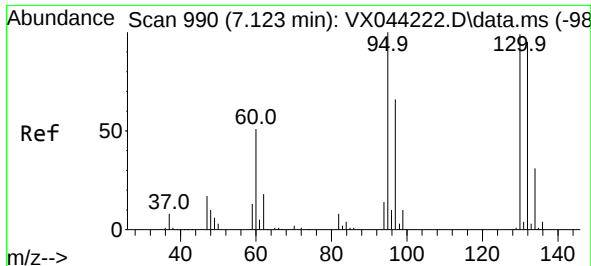
Tgt Ion: 75 Resp: 10255
Ion Ratio Lower Upper
75 100
110 10.6 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.345 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

Tgt Ion: 117 Resp: 13041
Ion Ratio Lower Upper
117 100
119 5.1 74.2 111.4#
121 0.0 23.0 34.6#

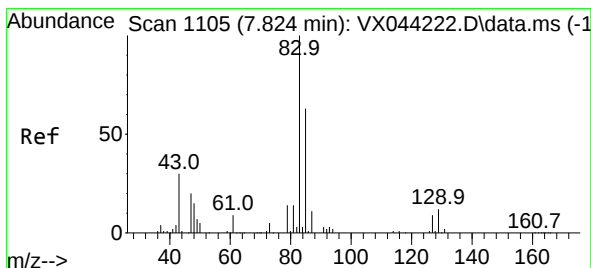
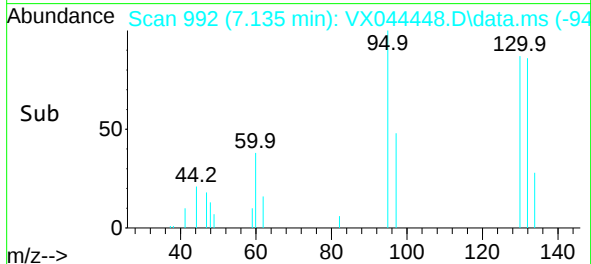
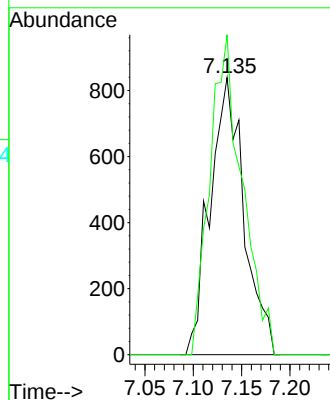
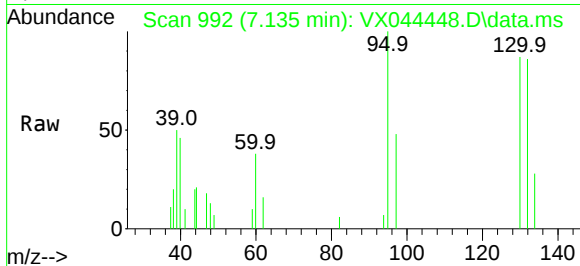




#44
Trichloroethene
Concen: 1.411 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

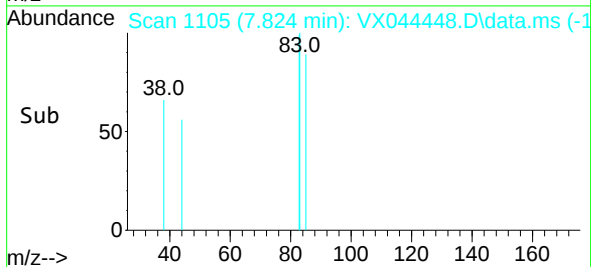
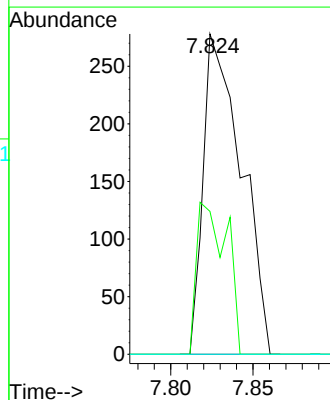
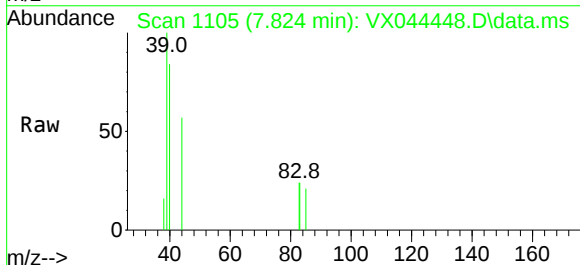
Instrument :
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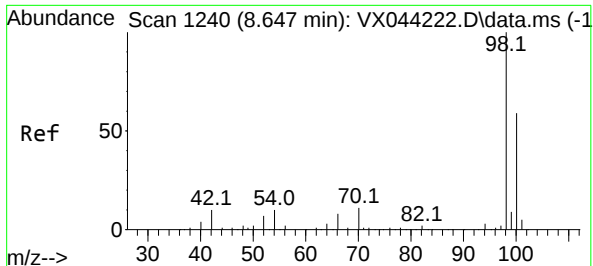
Tgt Ion:130 Resp: 2039
Ion Ratio Lower Upper
130 100
95 115.5 0.0 201.4



#47
Bromodichloromethane
Concen: 0.226 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

Tgt Ion: 83 Resp: 449
Ion Ratio Lower Upper
83 100
85 44.6 50.6 75.8#
127 0.0 7.3 10.9#

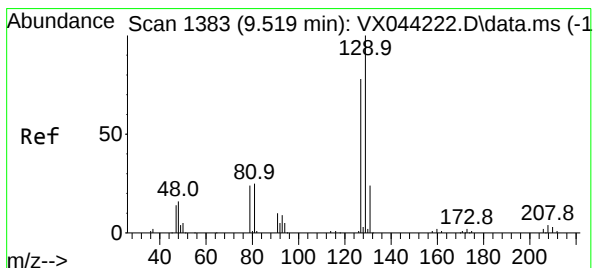
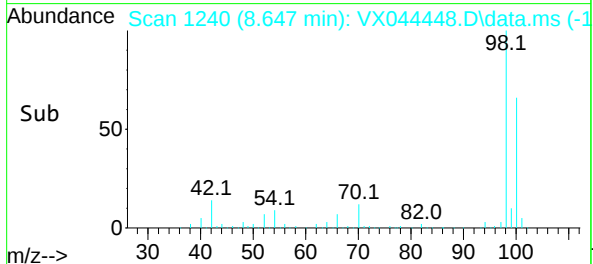
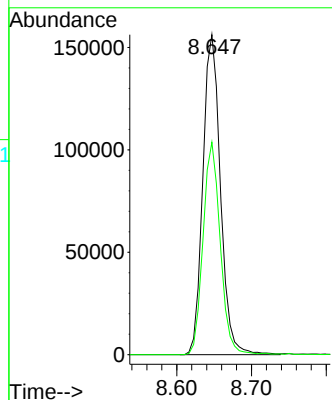
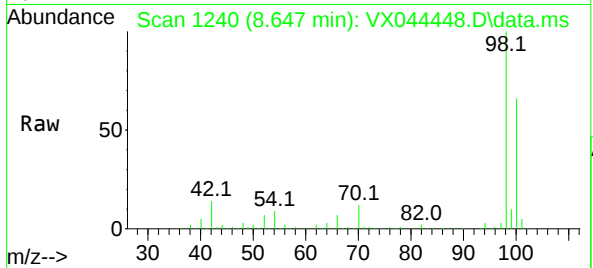




#50
Toluene-d8
Concen: 51.317 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

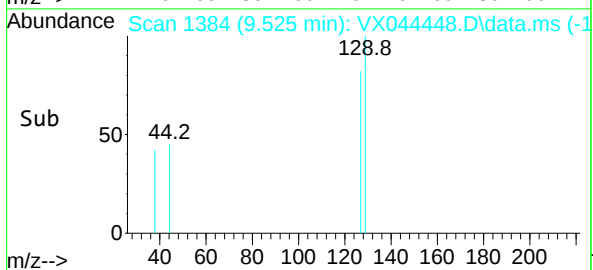
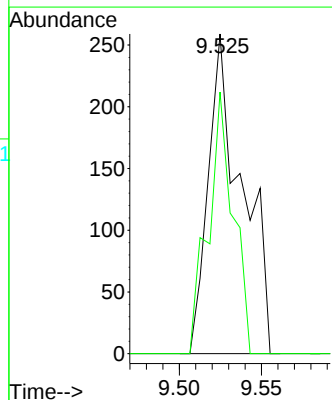
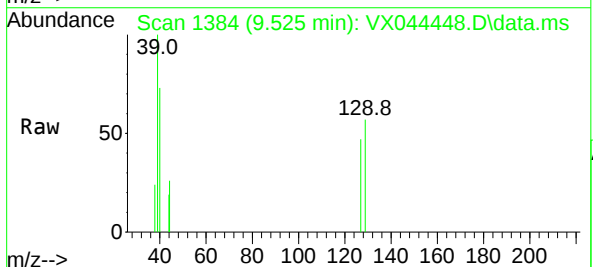
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241217

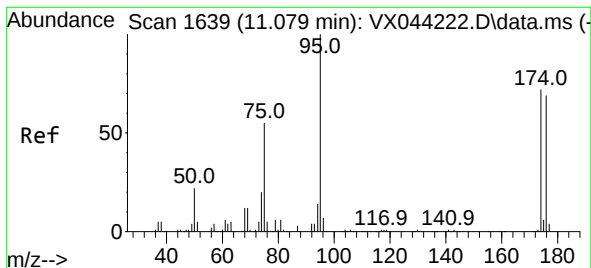
Tgt Ion: 98 Resp: 255708
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



#60
Dibromochloromethane
Concen: 1.476 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

Tgt Ion: 129 Resp: 368
Ion Ratio Lower Upper
129 100
127 60.9 38.5 115.3

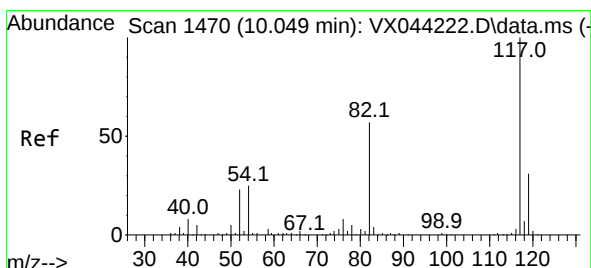
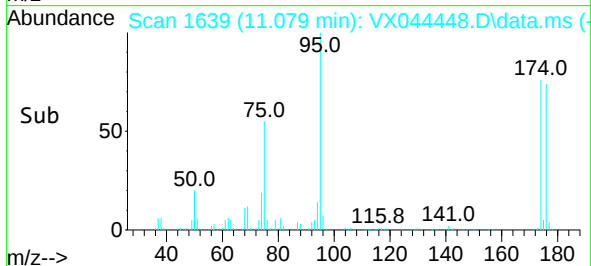
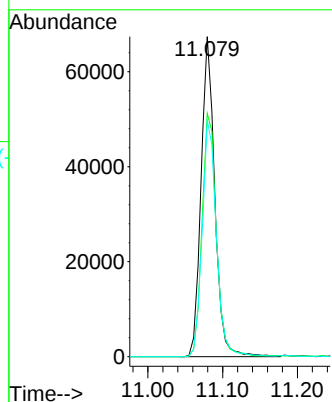
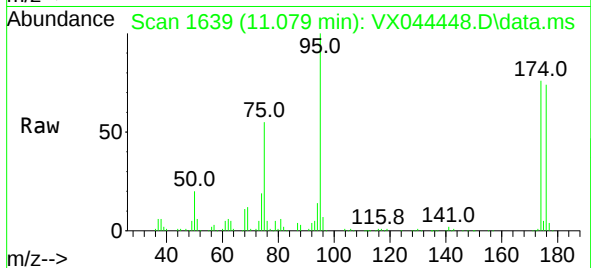




#62
4-Bromofluorobenzene
Concen: 49.386 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

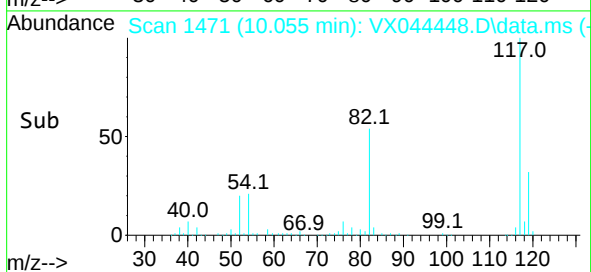
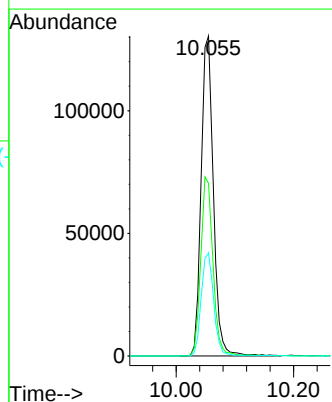
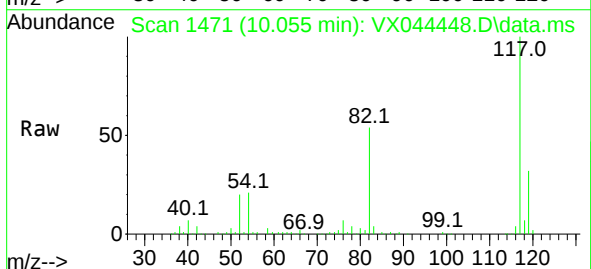
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241217

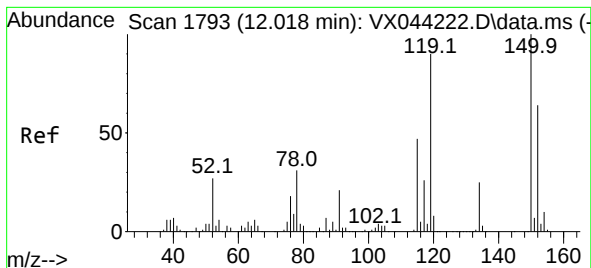
Tgt Ion: 95 Resp: 85988
Ion Ratio Lower Upper
95 100
174 79.4 0.0 145.8
176 77.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044448.D
Acq: 20 Dec 2024 13:36

Tgt Ion: 117 Resp: 188396
Ion Ratio Lower Upper
117 100
82 54.0 45.8 68.8
119 32.2 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044448.D

Acq: 20 Dec 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

VPB190A-HYD-20241217

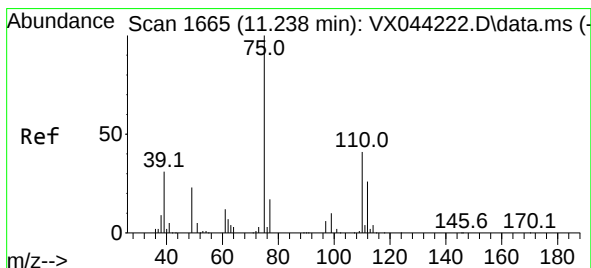
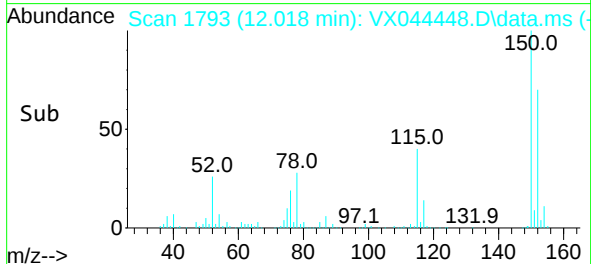
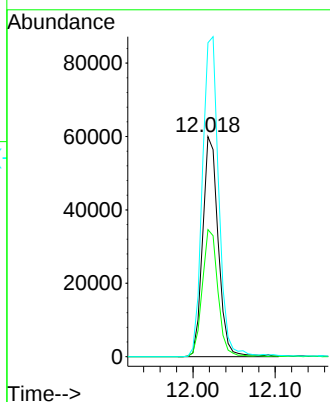
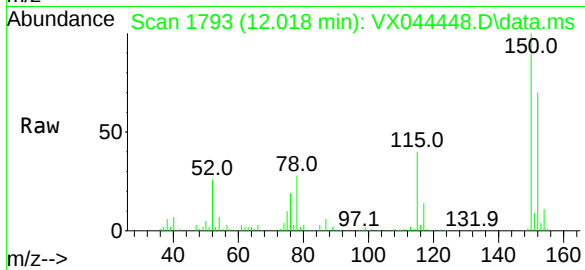
Tgt Ion:152 Resp: 78770

Ion Ratio Lower Upper

152 100

115 57.9 44.5 133.3

150 151.8 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 26.794 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044448.D

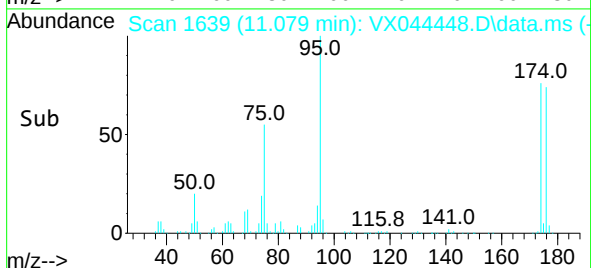
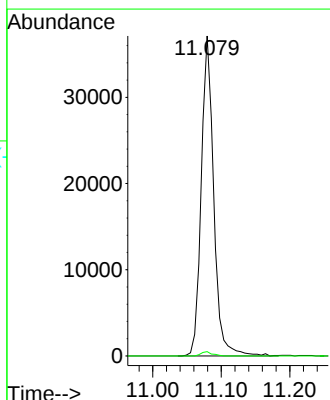
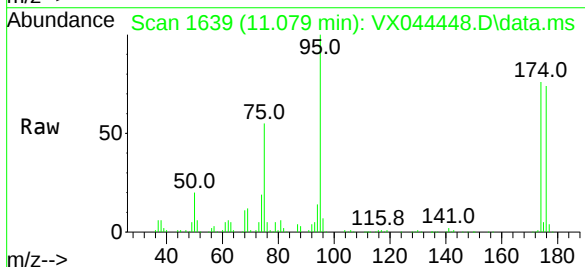
Acq: 20 Dec 2024 13:36

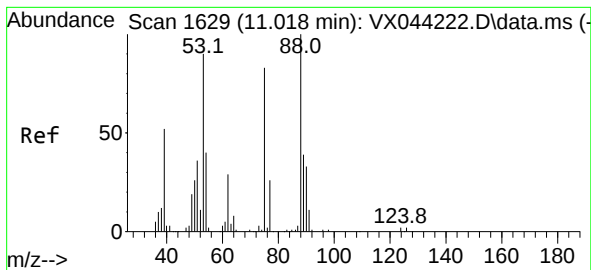
Tgt Ion: 75 Resp: 47123

Ion Ratio Lower Upper

75 100

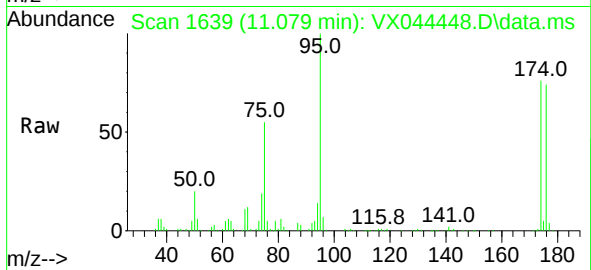
77 1.2 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.789 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044448.D
 Acq: 20 Dec 2024 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB190A-HYD-20241217



Tgt Ion: 75 Resp: 47123
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

