

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044454.D
 Acq On : 20 Dec 2024 15:56
 Operator : JC/MD
 Sample : P5314-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB190A-HYD-20241217

Quant Time: Dec 20 18:55:28 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)

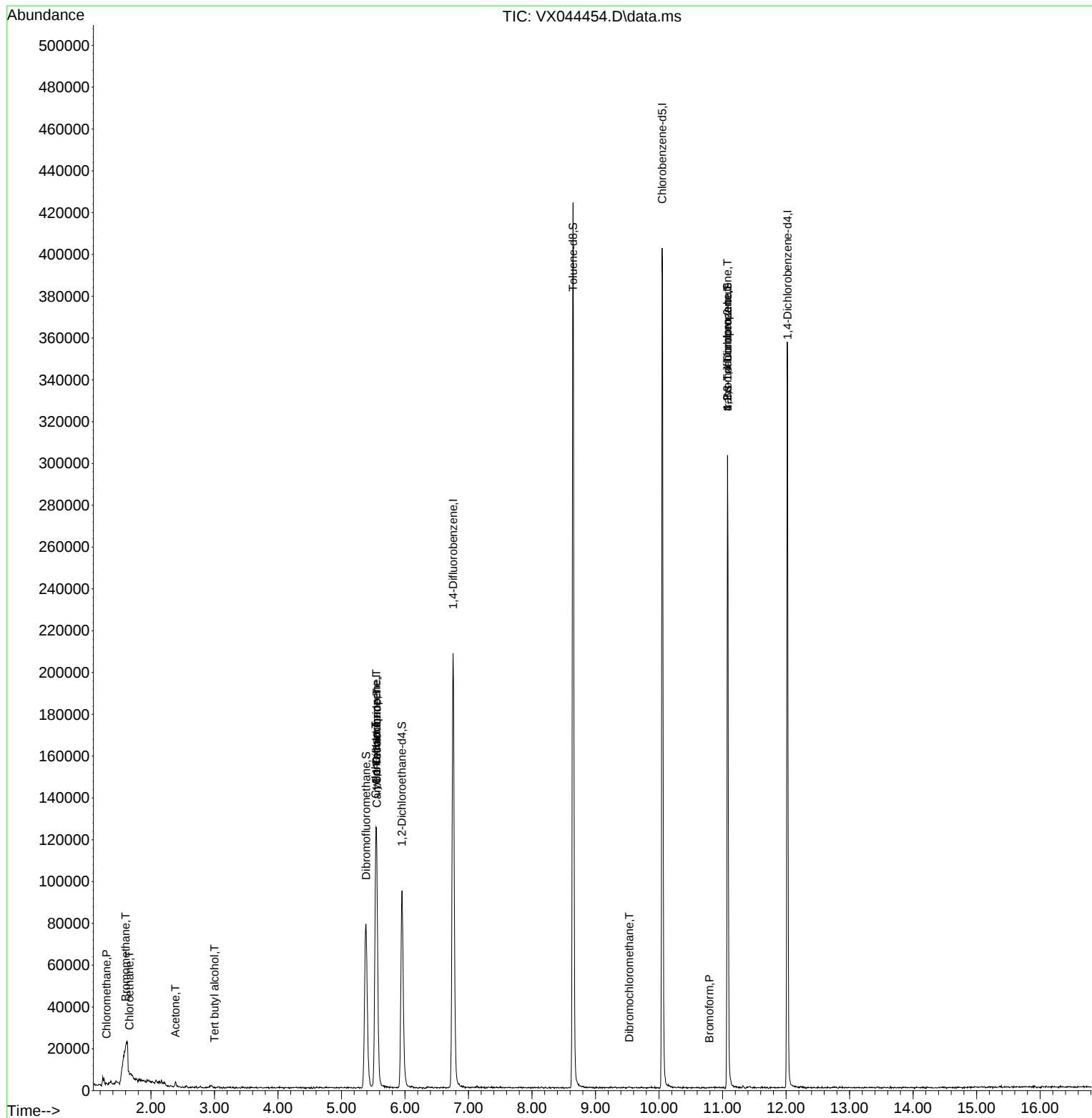
Internal Standards						
1) Pentafluorobenzene	5.550	168	120419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	211996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	183684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90307	42.772	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.540%
35) Dibromofluoromethane	5.385	113	68667	46.767	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.540%
50) Toluene-d8	8.647	98	250790	50.629	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.260%
62) 4-Bromofluorobenzene	11.079	95	78660	45.445	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	728	0.409	ug/l #	81
5) Bromomethane	1.599	94	694	0.527	ug/l #	61
6) Chloroethane	1.660	64	301	0.261	ug/l #	41
11) Tert butyl alcohol	3.001	59	123	0.413	ug/l #	71
16) Acetone	2.386	43	2305	2.678	ug/l	93
31) Cyclohexane	5.538	56	3070	1.347	ug/l #	37
36) 1,1-Dichloropropene	5.550	75	9730	5.127	ug/l #	53
38) Carbon Tetrachloride	5.556	117	13144	6.433	ug/l #	16
60) Dibromochloromethane	9.531	129	162	1.340	ug/l	80
71) Bromoform	10.793	173	46	1.286	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	42527	25.655	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	42527	70.892	ug/l #	4

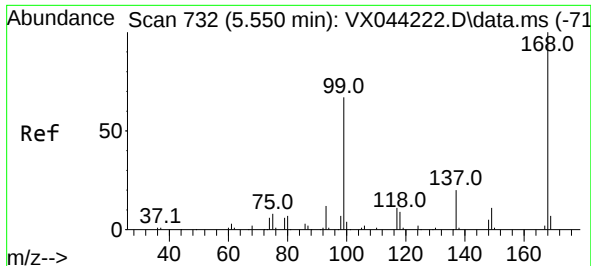
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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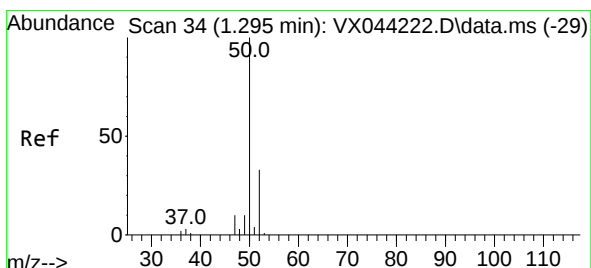
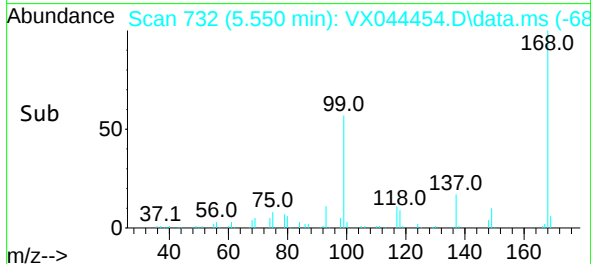
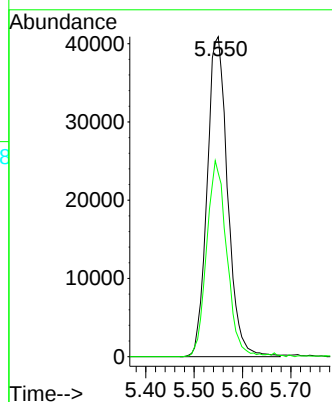
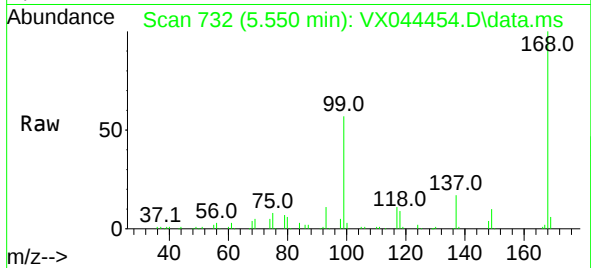




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

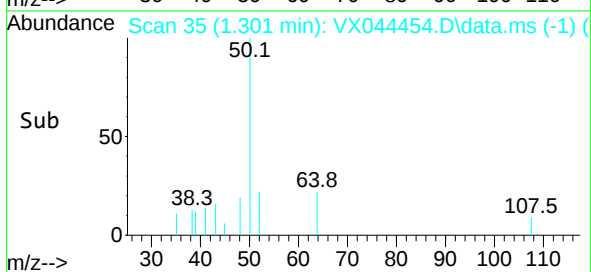
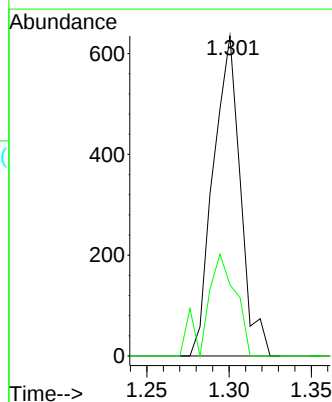
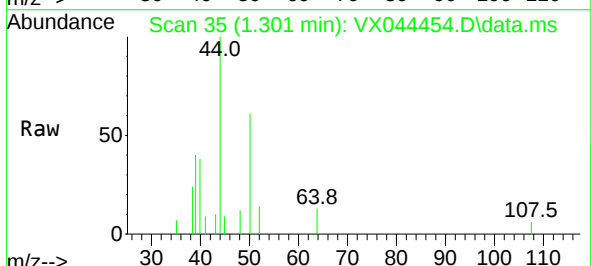
Instrument : MSVOA_X
ClientSampleId : VPB190A-HYD-20241217

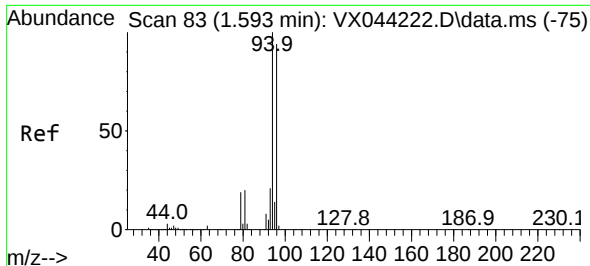
Tgt Ion:168 Resp: 120419
Ion Ratio Lower Upper
168 100
99 57.4 53.4 80.0



#3
Chloromethane
Concen: 0.409 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Tgt Ion: 50 Resp: 728
Ion Ratio Lower Upper
50 100
52 22.2 26.5 39.7#

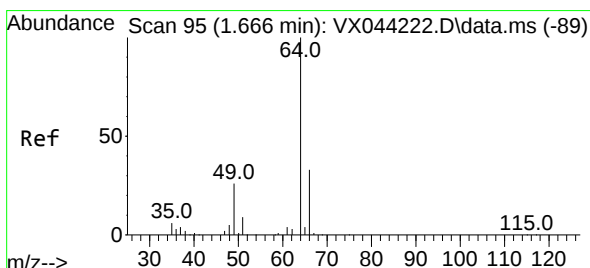
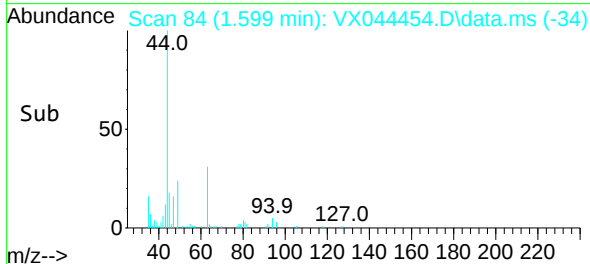
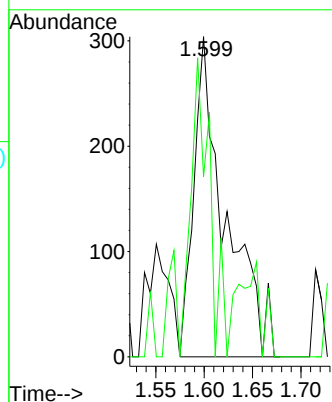
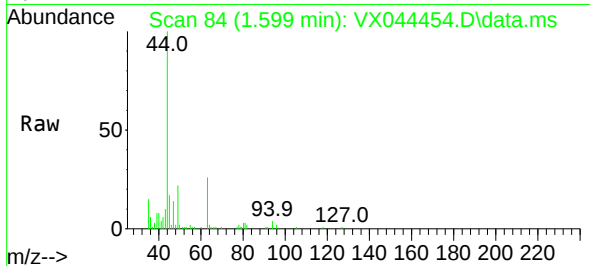




#5
Bromomethane
Concen: 0.527 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

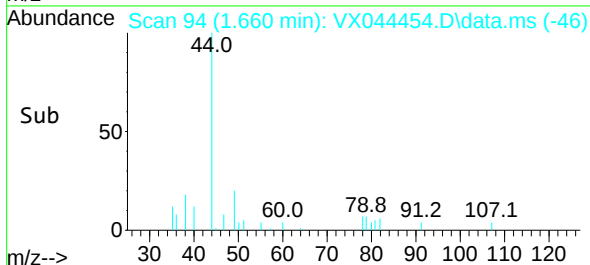
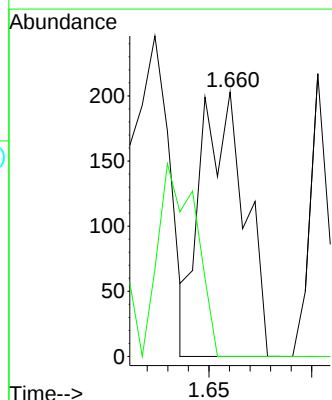
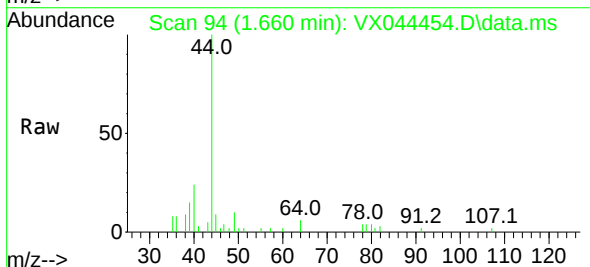
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241217

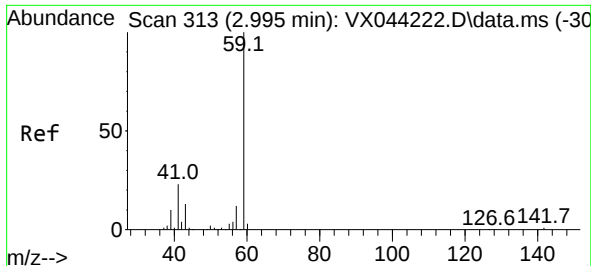
Tgt Ion: 94 Resp: 694
Ion Ratio Lower Upper
94 100
96 56.3 74.9 112.3#



#6
Chloroethane
Concen: 0.261 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Tgt Ion: 64 Resp: 301
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#11

Tert butyl alcohol

Concen: 0.413 ug/l

RT: 3.001 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX044454.D

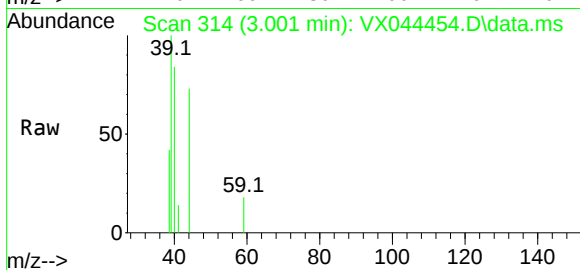
Acq: 20 Dec 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VPB190A-HYD-20241217

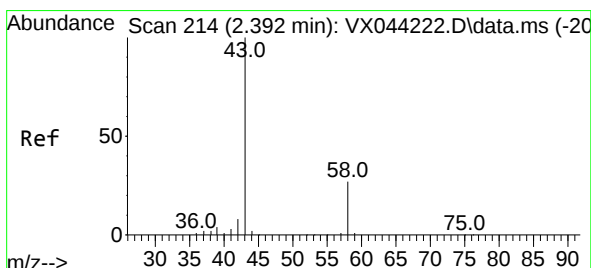
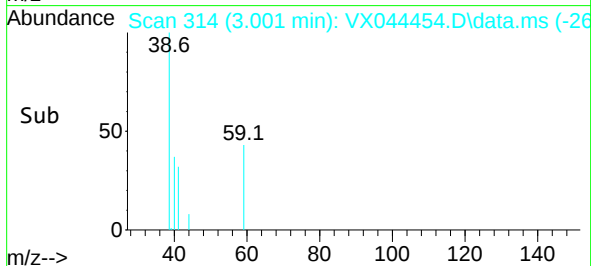
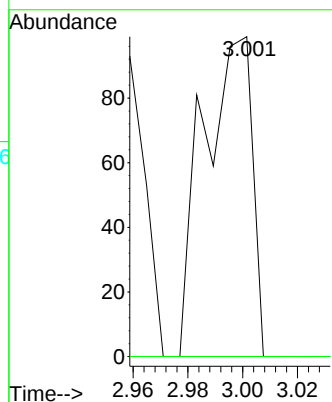


Tgt Ion: 59 Resp: 123

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 2.678 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044454.D

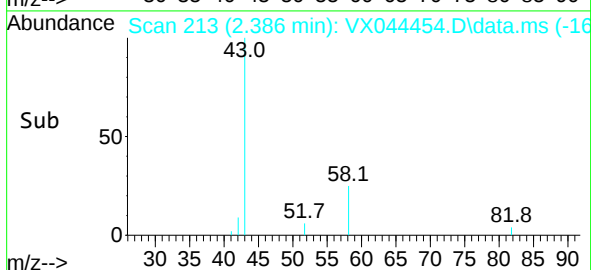
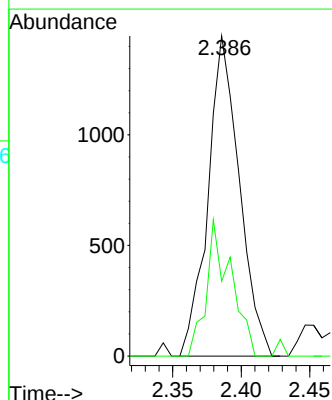
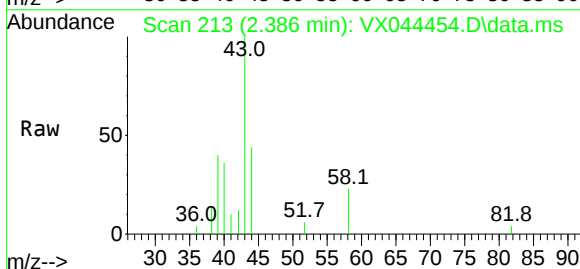
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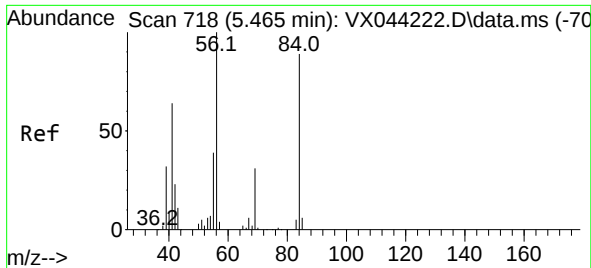
Tgt Ion: 43 Resp: 2305

Ion Ratio Lower Upper

43 100

58 23.4 21.6 32.4

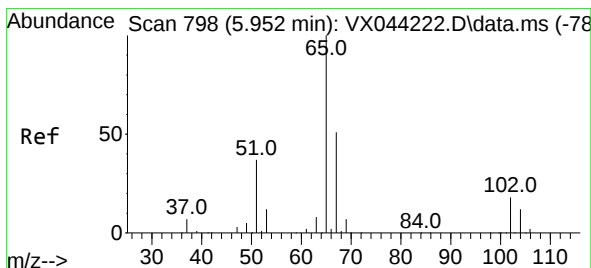
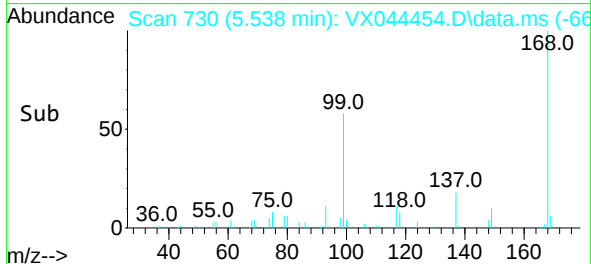
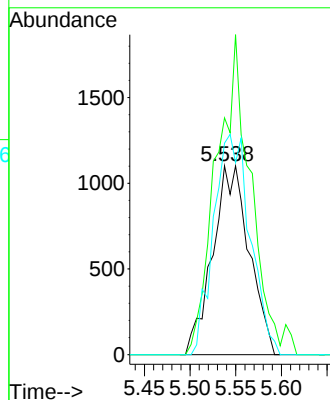
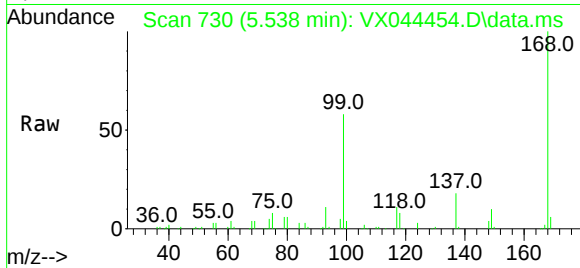




#31
Cyclohexane
Concen: 1.347 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

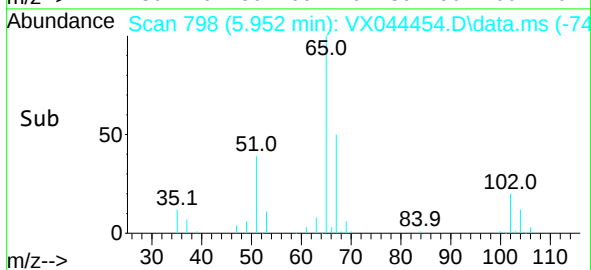
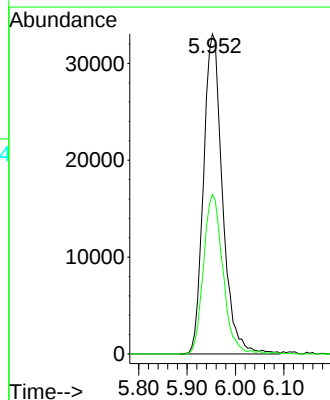
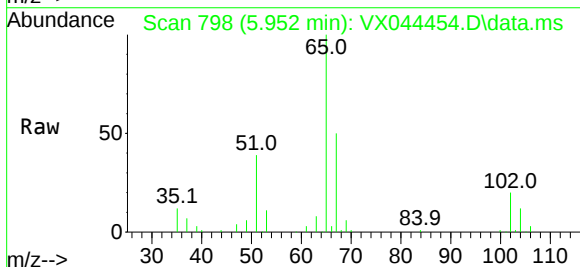
Instrument :
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ClientSampleId :
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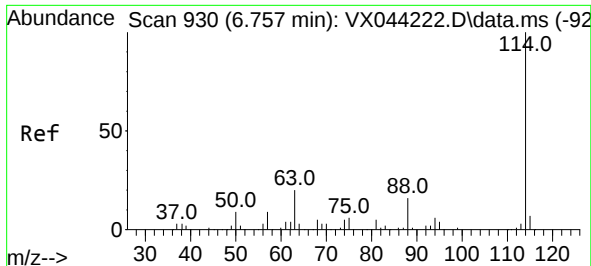
Tgt Ion: 56 Resp: 3070
Ion Ratio Lower Upper
56 100
69 125.4 24.7 37.1#
84 112.0 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 42.772 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Tgt Ion: 65 Resp: 90307
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

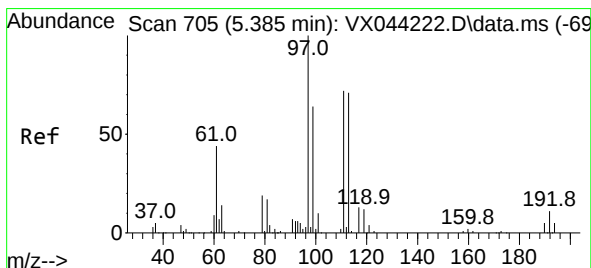
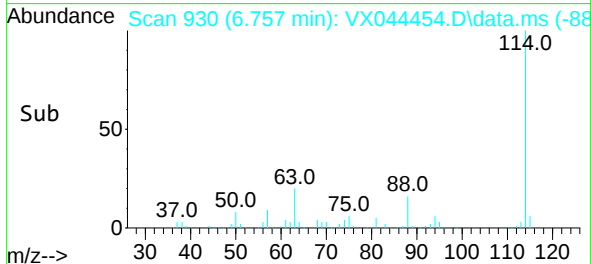
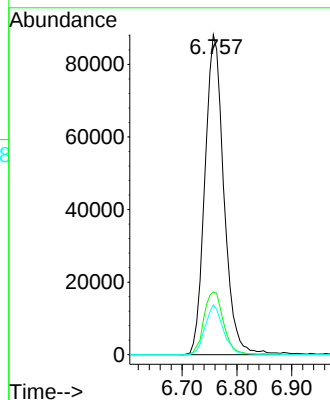
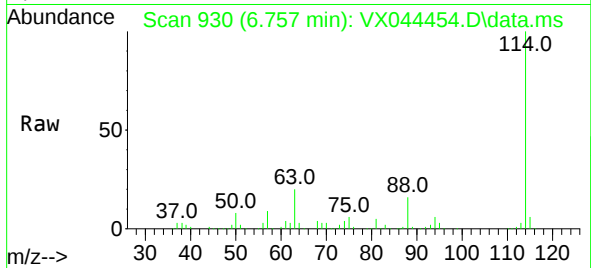




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

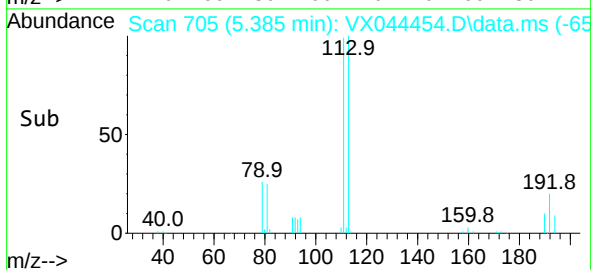
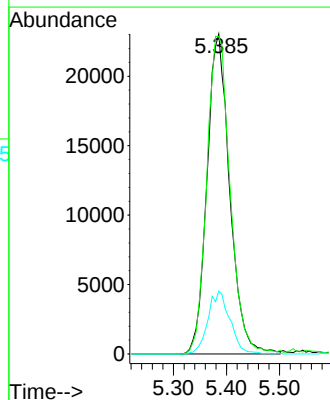
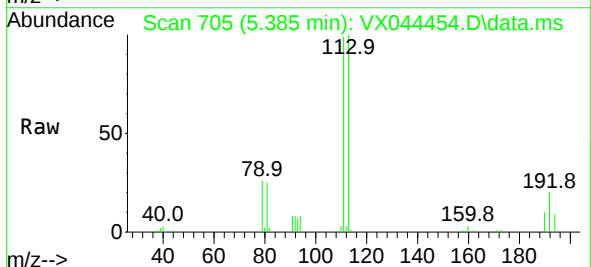
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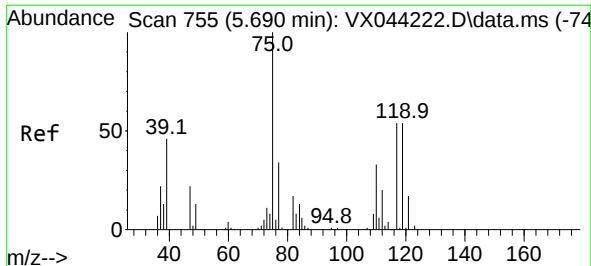
Tgt Ion:114 Resp: 211996
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.6
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.767 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Tgt Ion:113 Resp: 68667
Ion Ratio Lower Upper
113 100
111 102.4 80.4 120.6
192 19.0 13.3 19.9

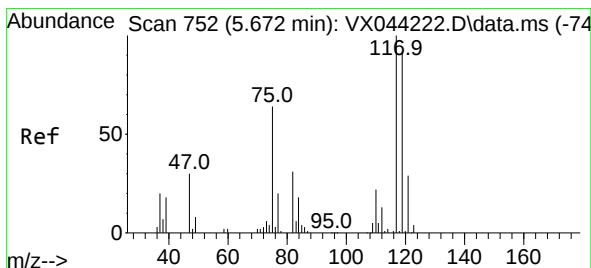
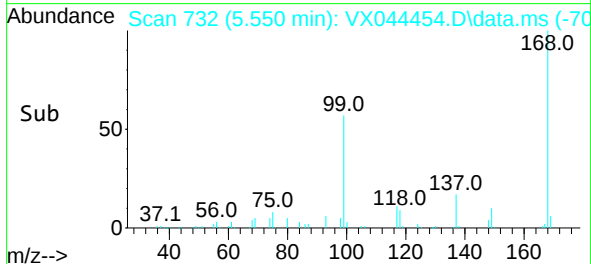
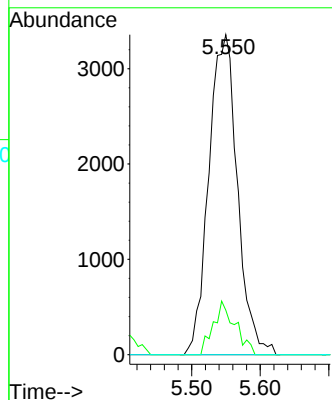
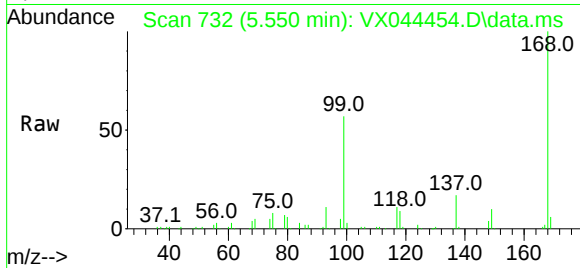




#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

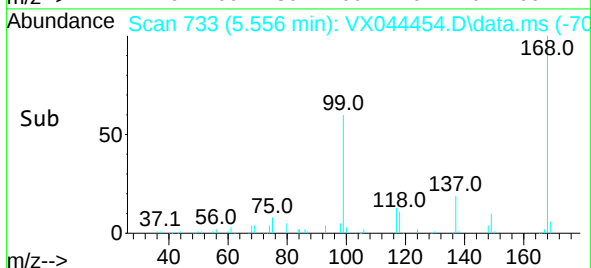
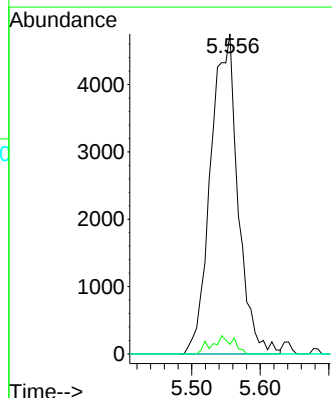
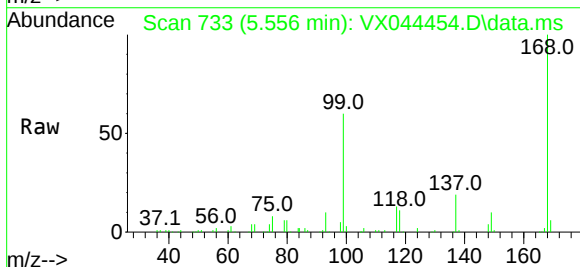
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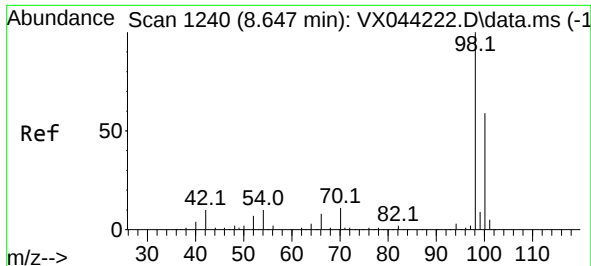
Tgt Ion: 75 Resp: 9730
Ion Ratio Lower Upper
75 100
110 12.8 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.433 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Tgt Ion: 117 Resp: 13144
Ion Ratio Lower Upper
117 100
119 3.0 74.2 111.4#
121 0.0 23.0 34.6#

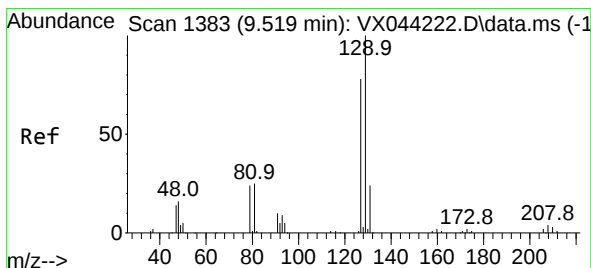
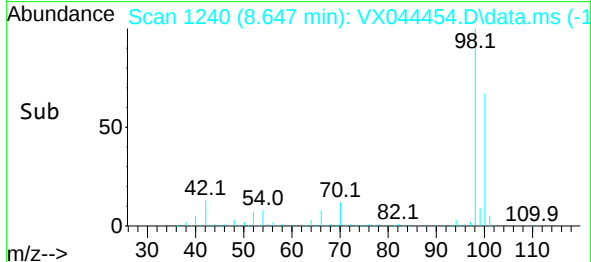
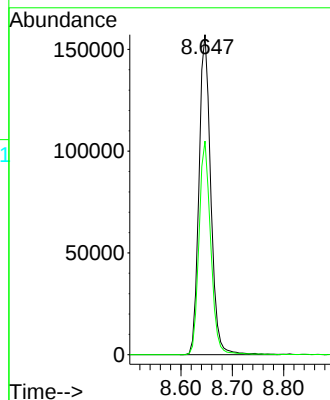
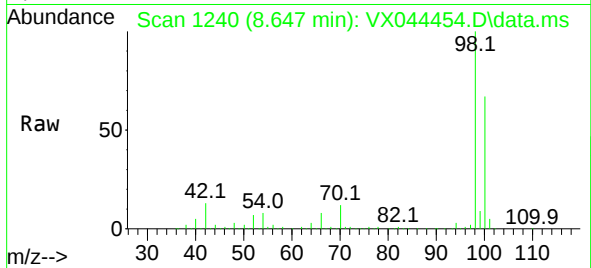




#50
Toluene-d8
Concen: 50.629 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

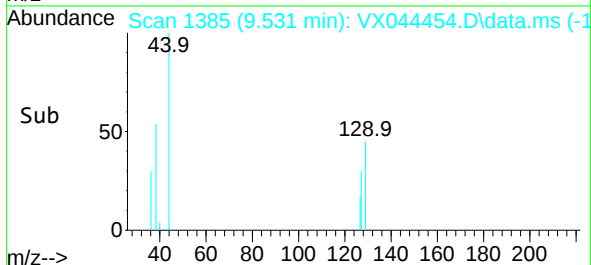
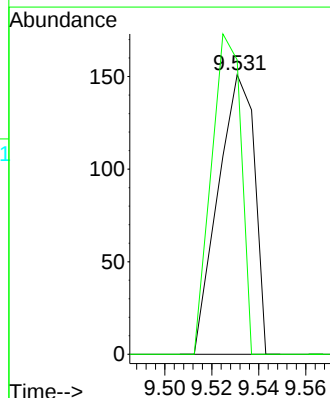
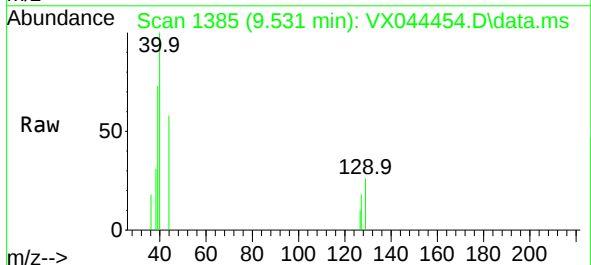
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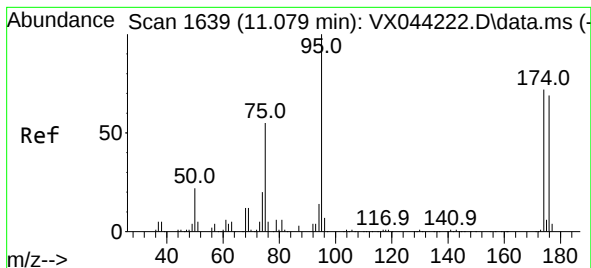
Tgt Ion: 98 Resp: 250790
Ion Ratio Lower Upper
98 100
100 66.2 51.5 77.3



#60
Dibromochloromethane
Concen: 1.340 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Tgt Ion: 129 Resp: 162
Ion Ratio Lower Upper
129 100
127 93.8 38.5 115.3

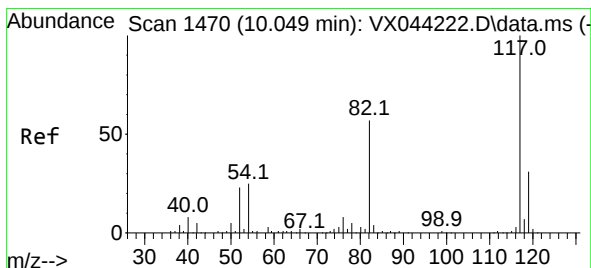
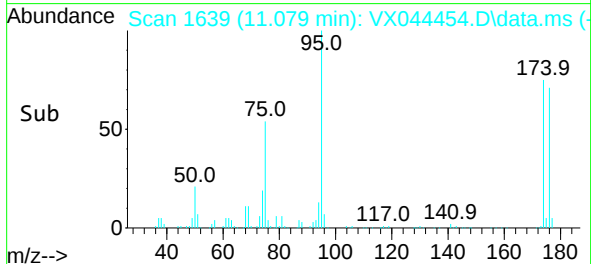
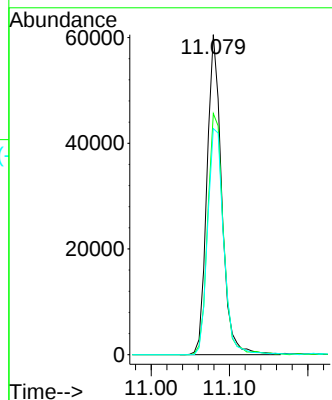
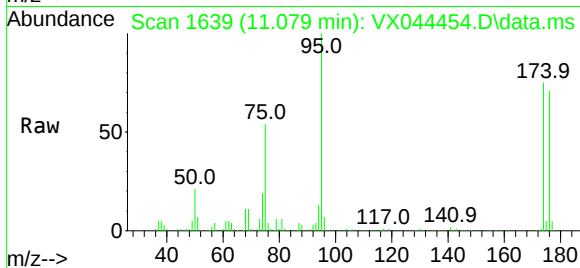




#62
4-Bromofluorobenzene
Concen: 45.445 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

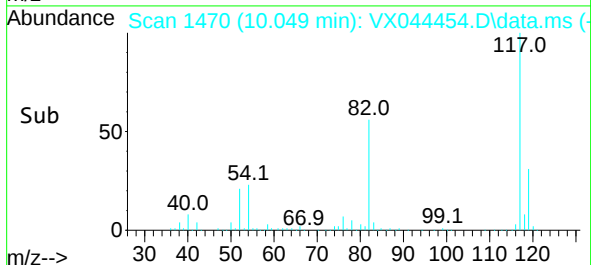
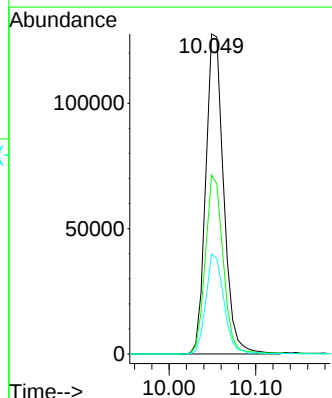
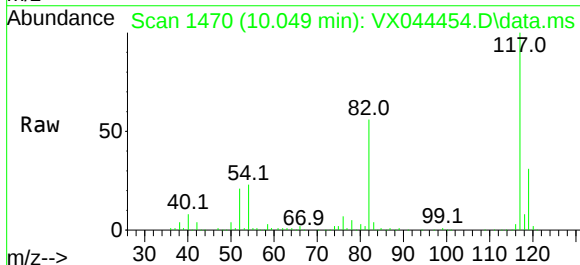
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241217

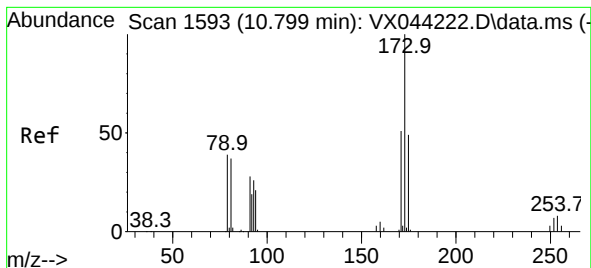
Tgt Ion: 95 Resp: 78660
Ion Ratio Lower Upper
95 100
174 80.3 0.0 145.8
176 77.1 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Tgt Ion: 117 Resp: 183684
Ion Ratio Lower Upper
117 100
82 56.0 45.8 68.8
119 31.2 25.0 37.4





#71

Bromoform

Concen: 1.286 ug/l

RT: 10.793 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX044454.D

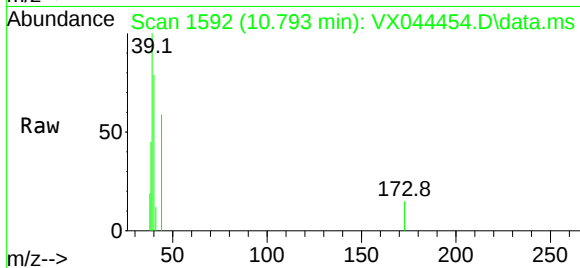
Acq: 20 Dec 2024 15:56

Instrument :

MSVOA_X

ClientSampleId :

VPB190A-HYD-20241217



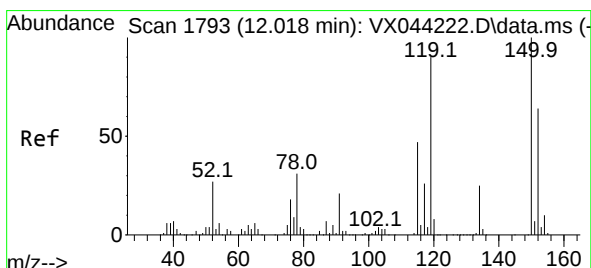
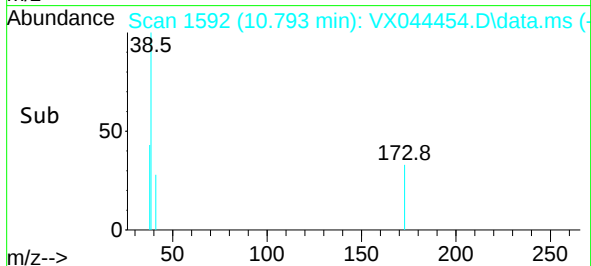
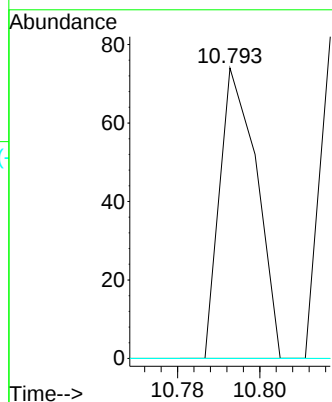
Tgt Ion:173 Resp: 46

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: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX044454.D

Acq: 20 Dec 2024 15:56

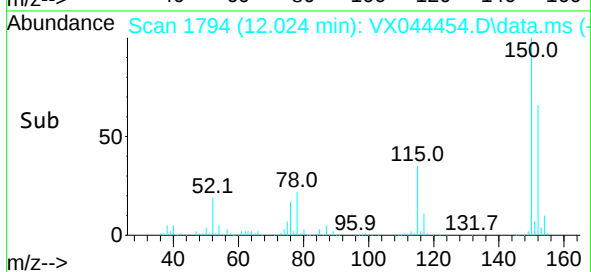
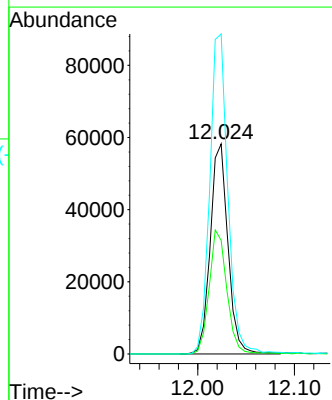
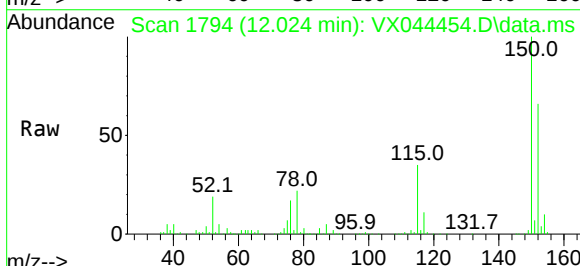
Tgt Ion:152 Resp: 74241

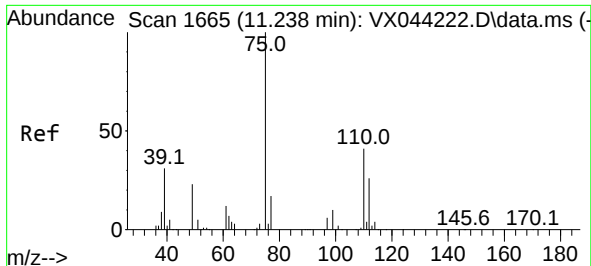
Ion Ratio Lower Upper

152 100

115 59.0 44.5 133.3

150 156.3 0.0 353.8

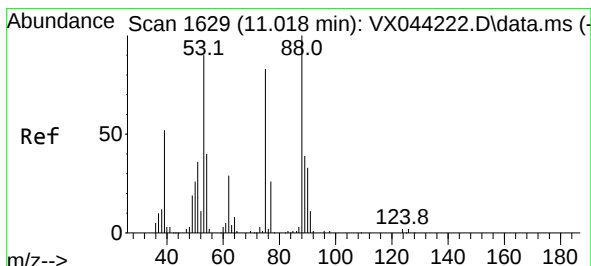
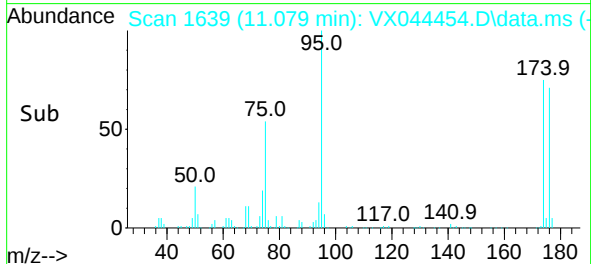
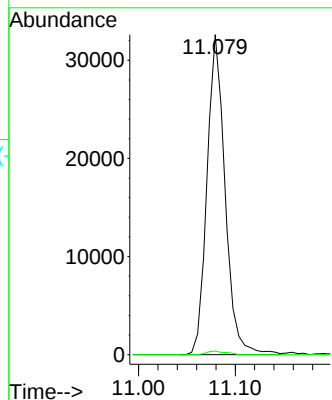
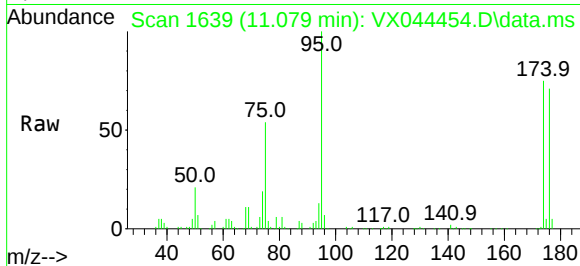




#76
1,2,3-Trichloropropane
Concen: 25.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241217

Tgt Ion: 75 Resp: 42527
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.892 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044454.D
Acq: 20 Dec 2024 15:56

Tgt Ion: 75 Resp: 42527
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.1 37.3 55.9#

