

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
 Data File : VX044592.D
 Acq On : 06 Jan 2025 13:55
 Operator : JC/MD
 Sample : Q1004-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB190A-HYD-20241231

Quant Time: Jan 06 16:04:01 2025
 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)

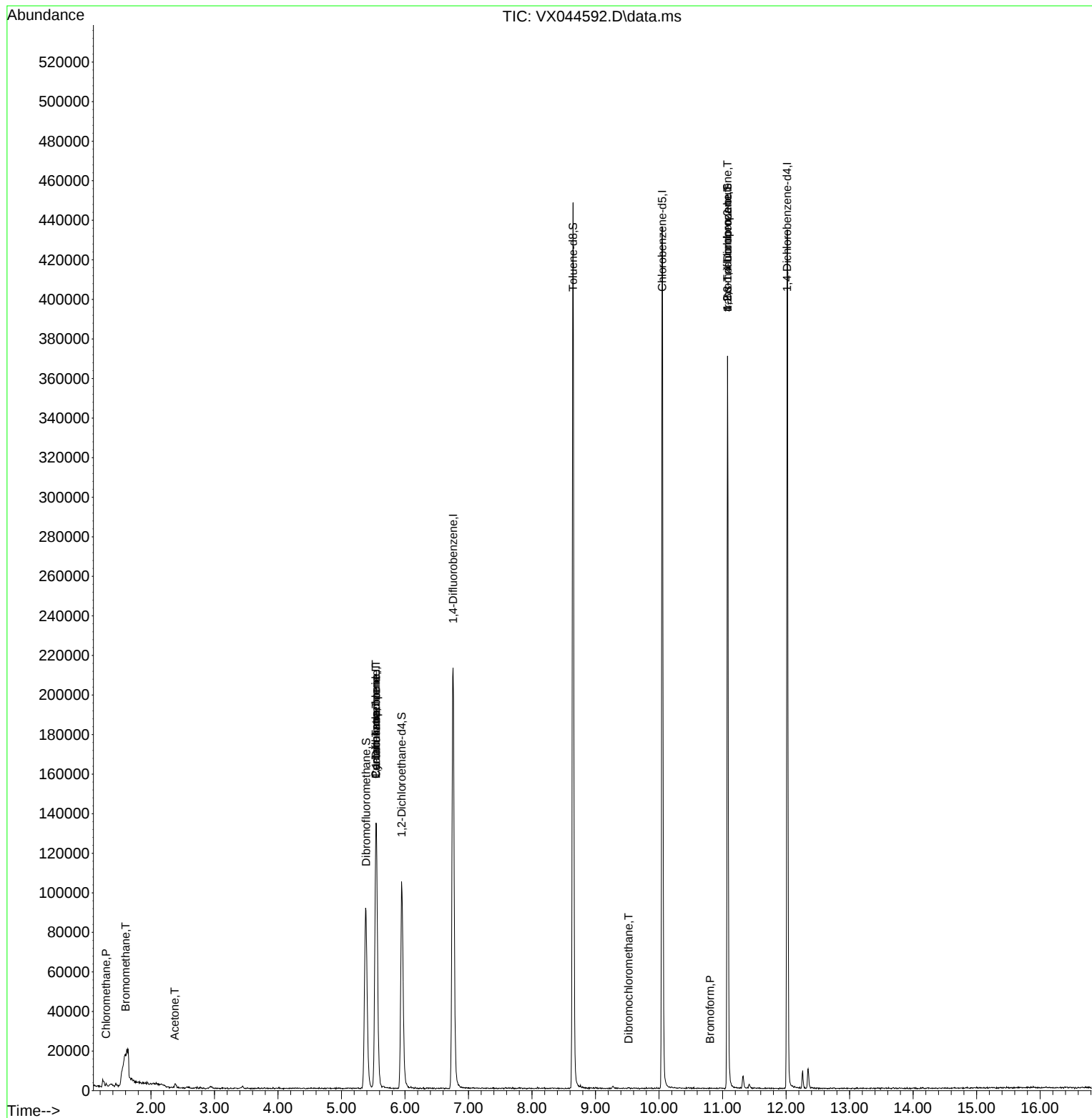
Internal Standards						
1) Pentafluorobenzene	5.544	168	129626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98751	43.450	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 86.900%			
35) Dibromofluoromethane	5.385	113	79024	50.706	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.647	98	266914	50.765	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	11.079	95	93598	50.946	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.900%			
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	922	0.481	ug/l	94
5) Bromomethane	1.599	94	293	0.207	ug/l #	22
16) Acetone	2.373	43	2256	2.435	ug/l	90
31) Cyclohexane	5.544	56	3058	1.247	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	10218	5.072	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13722	6.327	ug/l #	16
60) Dibromochloromethane	9.518	129	144	1.322	ug/l #	26
71) Bromoform	10.805	173	129	1.376	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	50743	25.796	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	50743	71.250	ug/l #	4

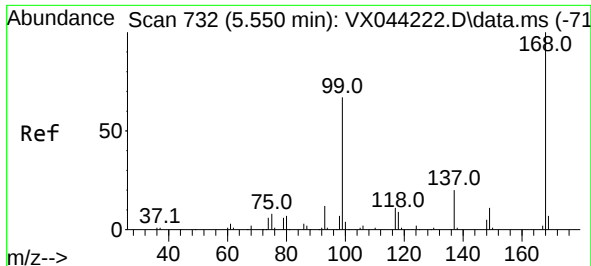
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 06 16:04:01 2025
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

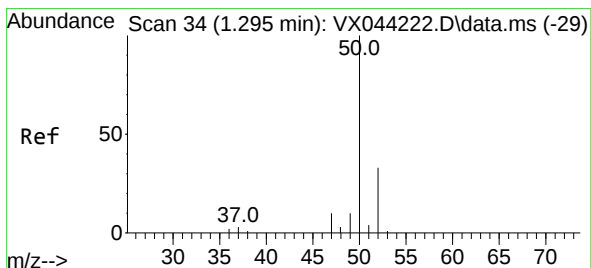
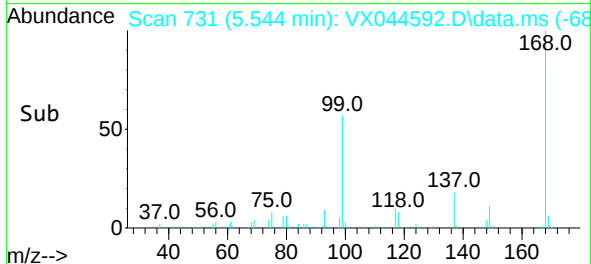
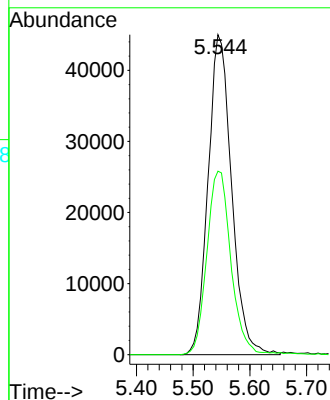
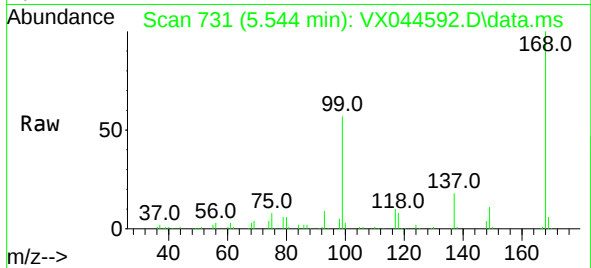




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

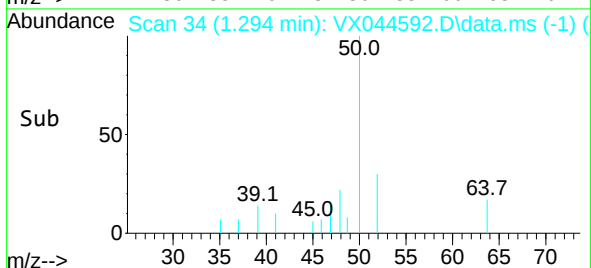
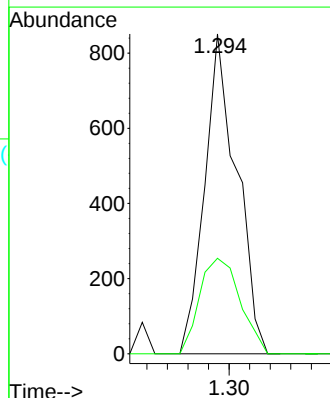
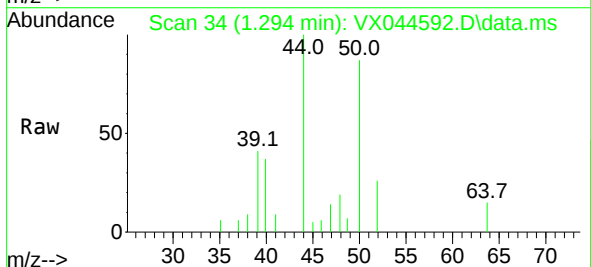
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241231

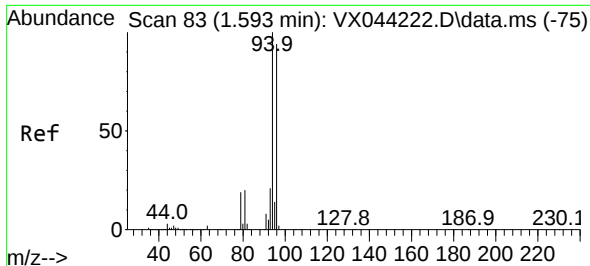
Tgt Ion:168 Resp: 129626
Ion Ratio Lower Upper
168 100
99 57.4 53.4 80.0



#3
Chloromethane
Concen: 0.481 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

Tgt Ion: 50 Resp: 922
Ion Ratio Lower Upper
50 100
52 29.8 26.5 39.7

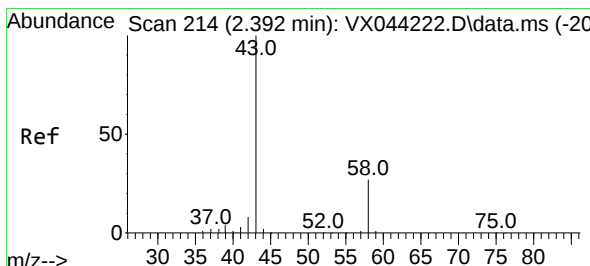
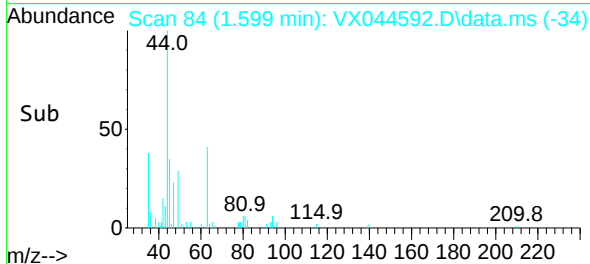
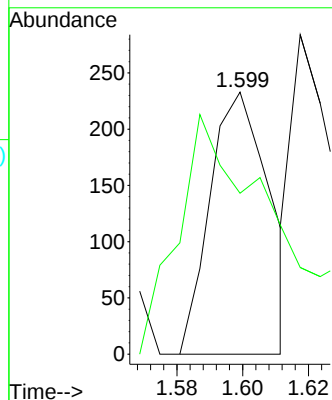
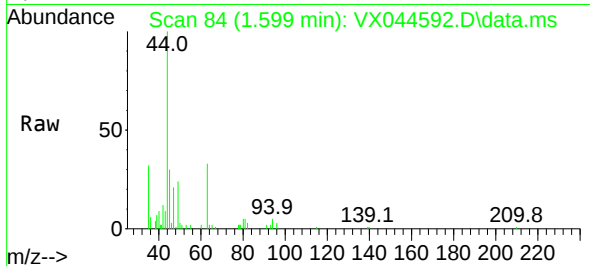




#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

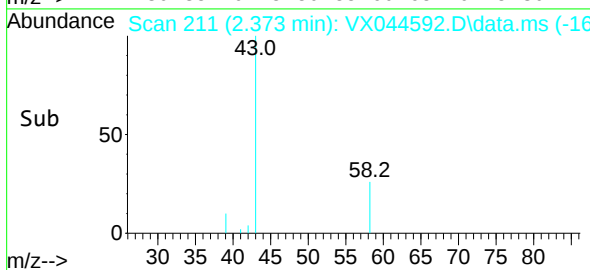
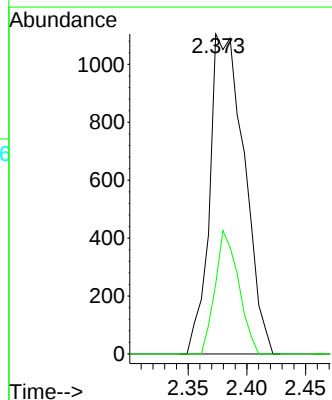
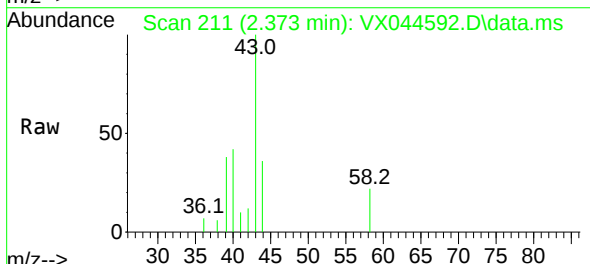
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241231

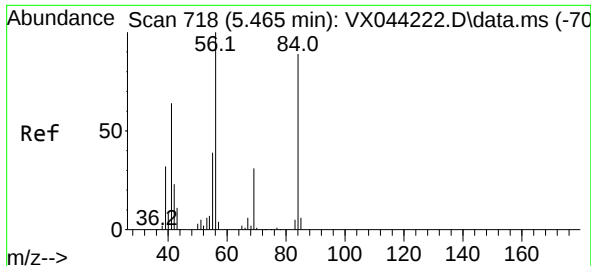
Tgt Ion: 94 Resp: 293
Ion Ratio Lower Upper
94 100
96 18.9 74.9 112.3#



#16
Acetone
Concen: 2.435 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.018 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

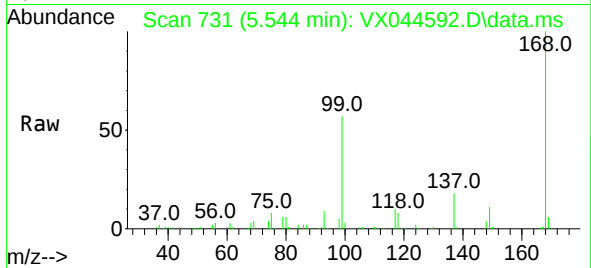
Tgt Ion: 43 Resp: 2256
Ion Ratio Lower Upper
43 100
58 21.9 21.6 32.4





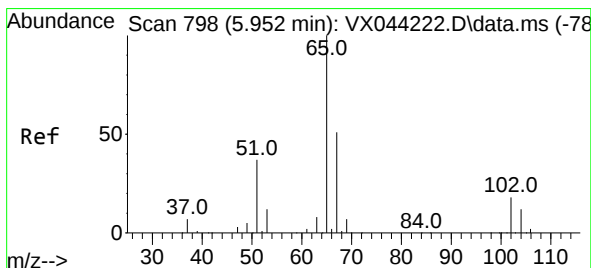
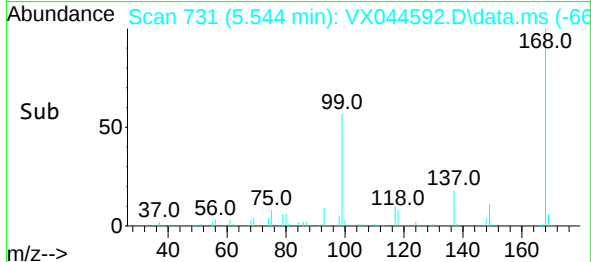
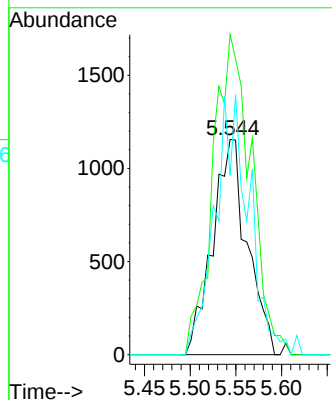
#31
Cyclohexane
Concen: 1.247 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 56 Resp: 3058

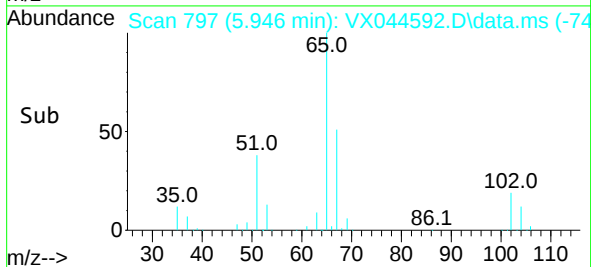
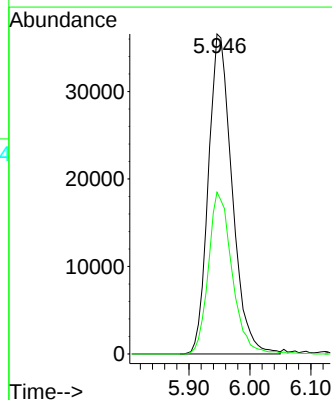
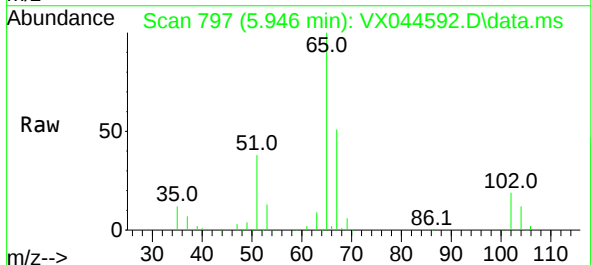
Ion	Ratio	Lower	Upper
56	100		
69	148.7	24.7	37.1#
84	83.4	71.0	106.6

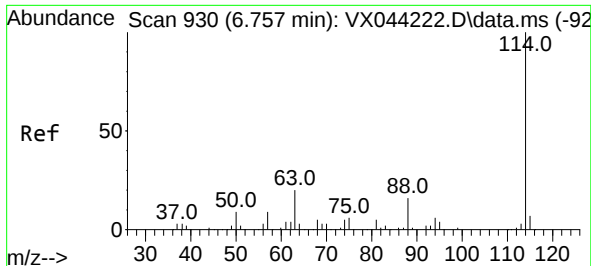


#33
1,2-Dichloroethane-d4
Concen: 43.450 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

Tgt Ion: 65 Resp: 98751

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6

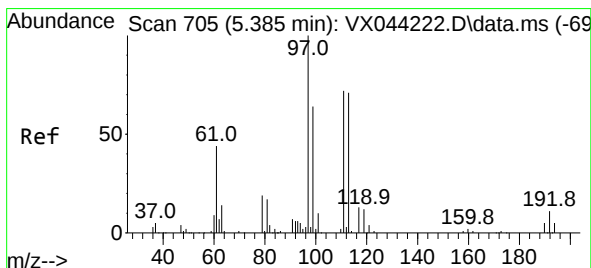
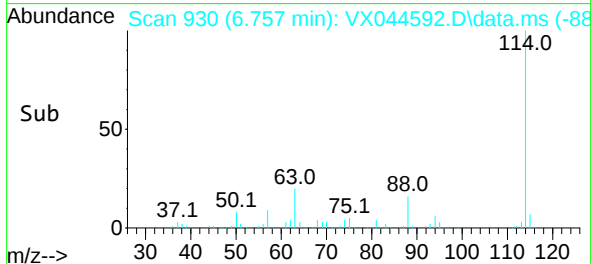
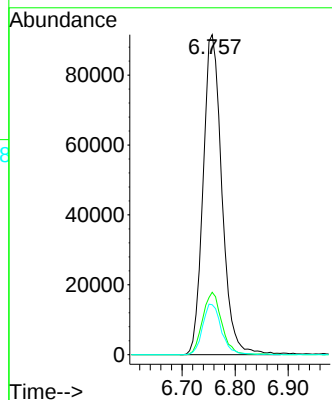
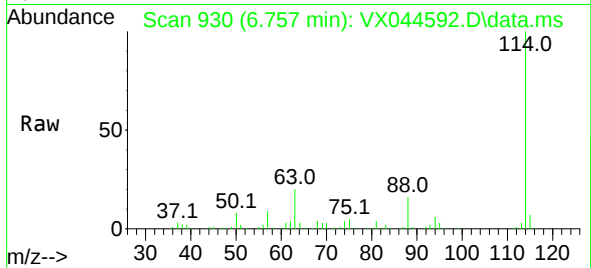




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

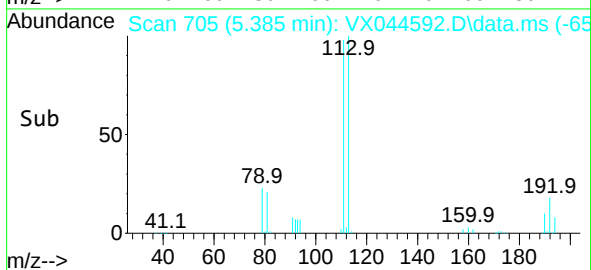
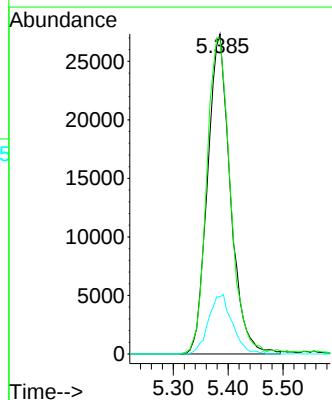
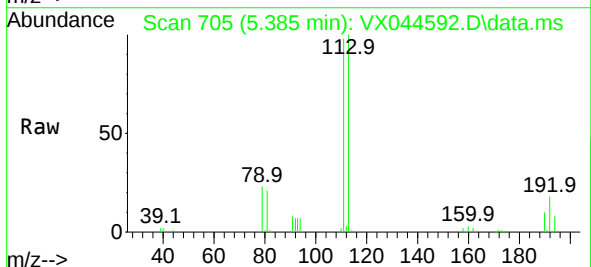
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241231

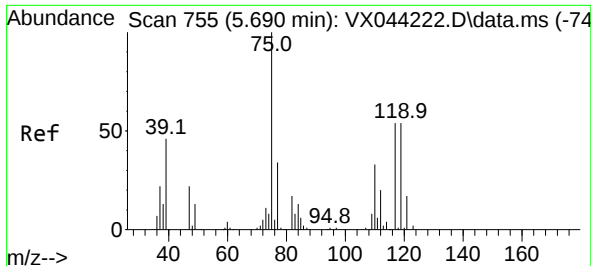
Tgt Ion:114 Resp: 225020
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.6
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.706 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

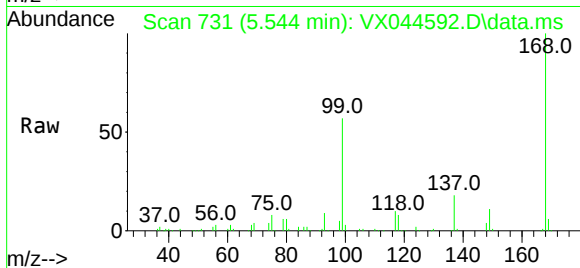
Tgt Ion:113 Resp: 79024
Ion Ratio Lower Upper
113 100
111 102.0 80.4 120.6
192 19.3 13.3 19.9



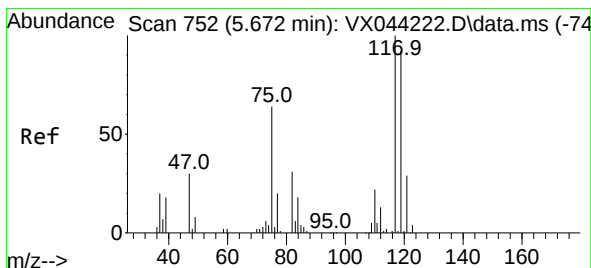
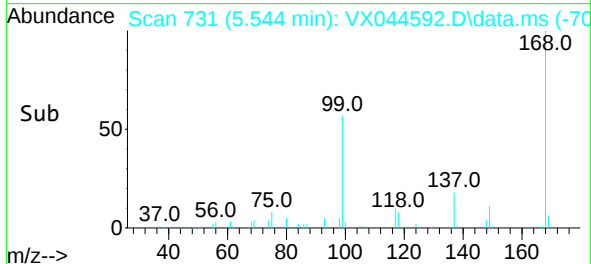
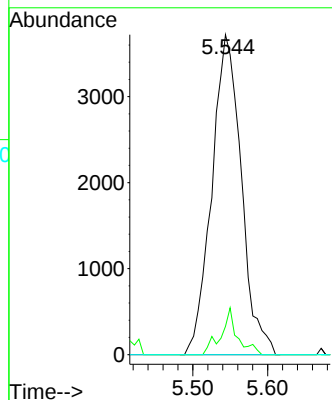


#36
1,1-Dichloropropene
Concen: 5.072 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241231

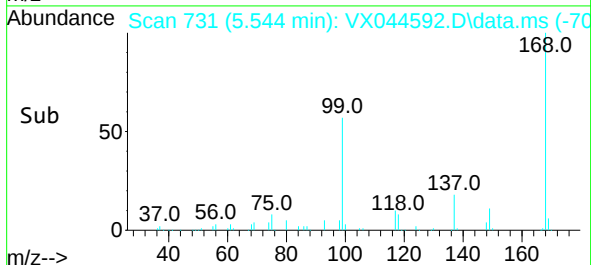
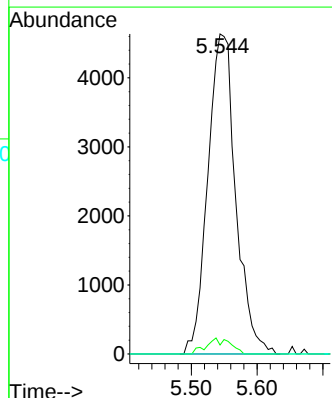
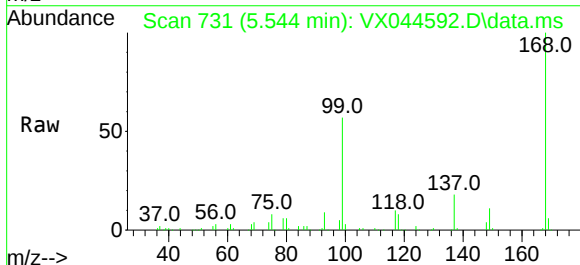


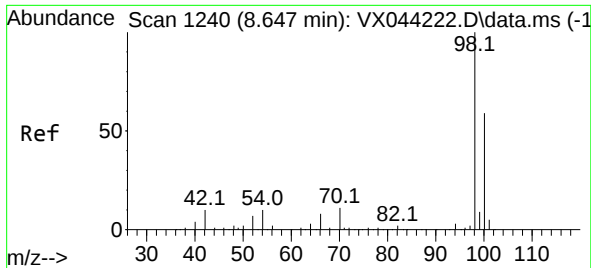
Tgt Ion: 75 Resp: 10218
Ion Ratio Lower Upper
75 100
110 8.1 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.327 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

Tgt Ion: 117 Resp: 13722
Ion Ratio Lower Upper
117 100
119 2.8 74.2 111.4#
121 0.0 23.0 34.6#

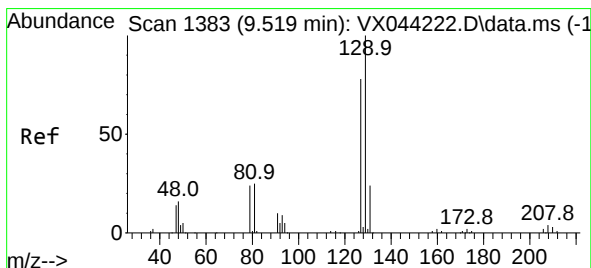
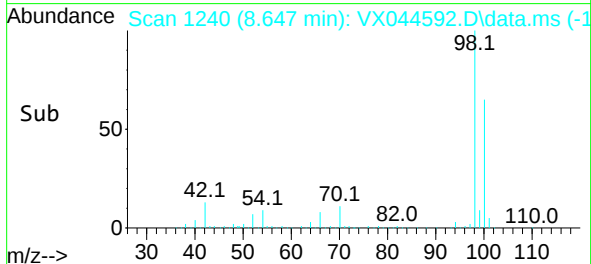
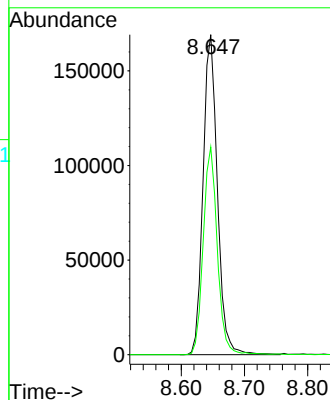
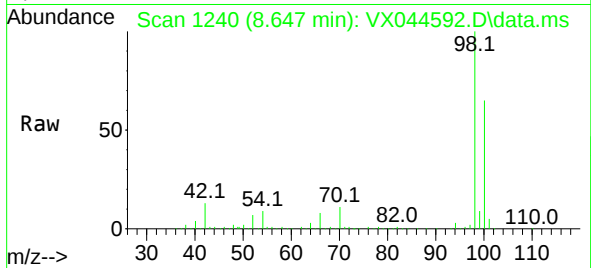




#50
Toluene-d8
Concen: 50.765 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

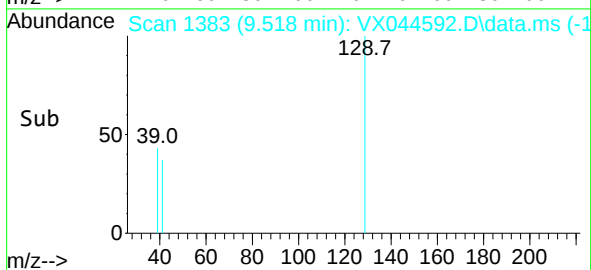
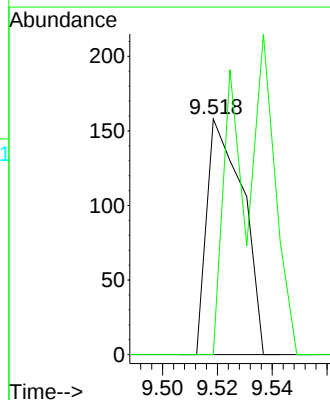
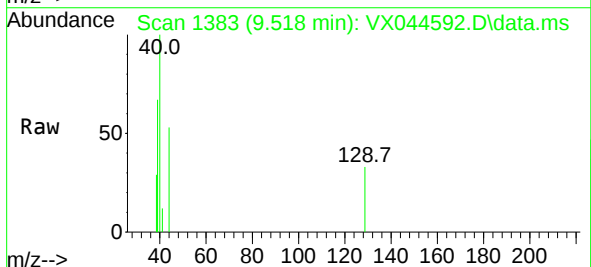
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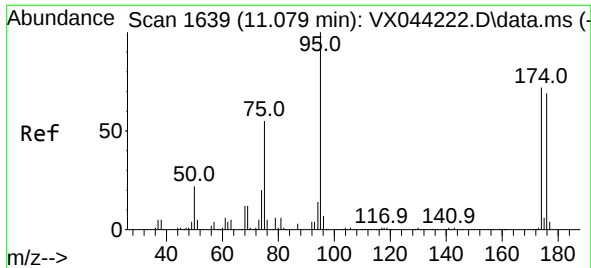
Tgt Ion: 98 Resp: 266914
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#60
Dibromochloromethane
Concen: 1.322 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

Tgt Ion:129 Resp: 144
Ion Ratio Lower Upper
129 100
127 141.0 38.5 115.3#

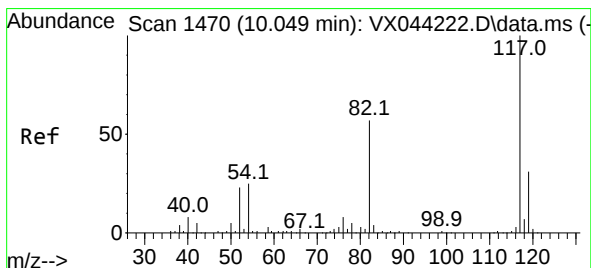
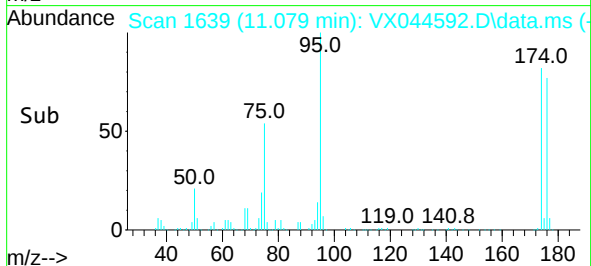
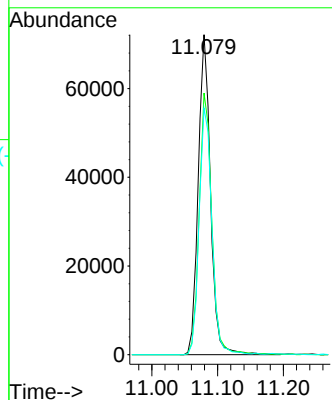
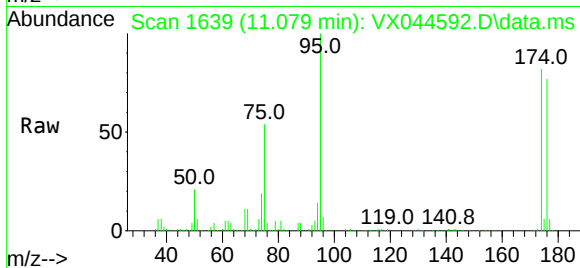




#62
4-Bromofluorobenzene
Concen: 50.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

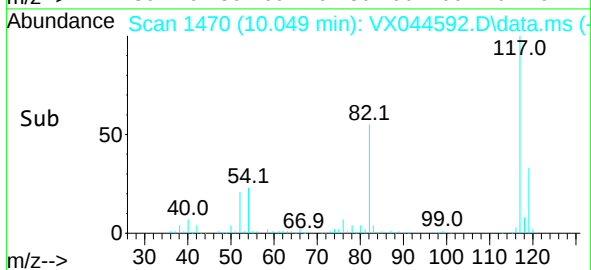
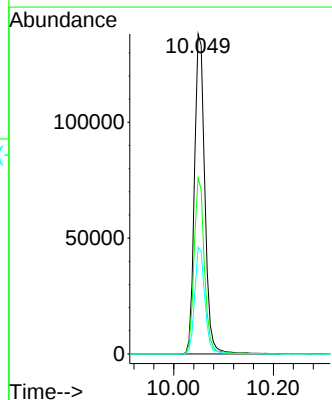
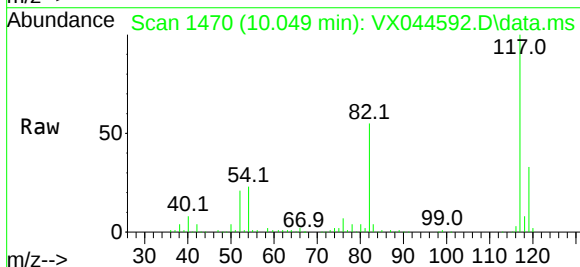
Instrument :
MSVOA_X
ClientSampleId :
VPB190A-HYD-20241231

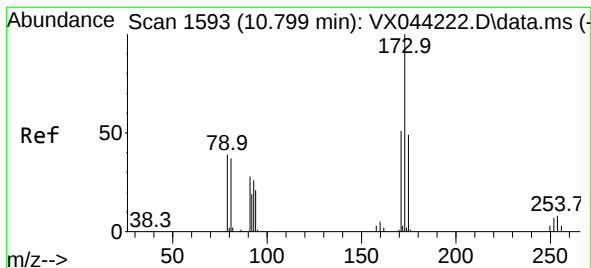
Tgt Ion:	95	Resp:	93598
Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	145.8
176	80.1	0.0	137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044592.D
Acq: 06 Jan 2025 13:55

Tgt Ion:	117	Resp:	199321
Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.8	68.8
119	33.4	25.0	37.4





#71

Bromoform

Concen: 1.376 ug/l

RT: 10.805 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044592.D

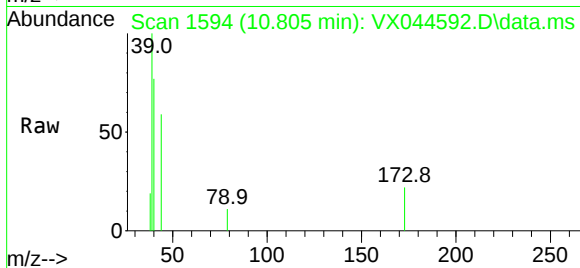
Acq: 06 Jan 2025 13:55

Instrument :

MSVOA_X

ClientSampleId :

VPB190A-HYD-20241231



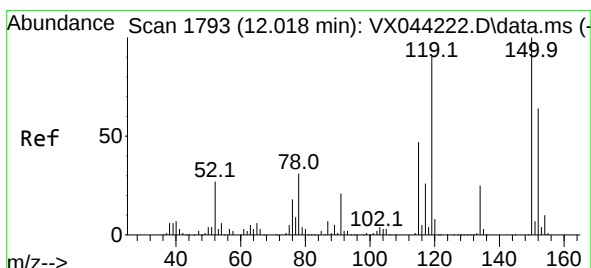
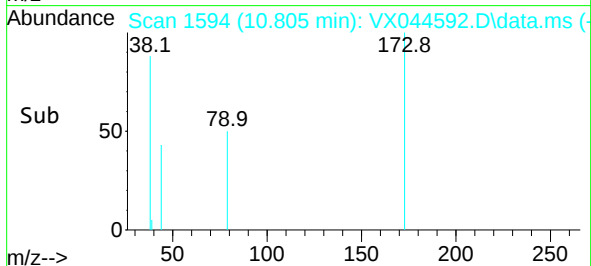
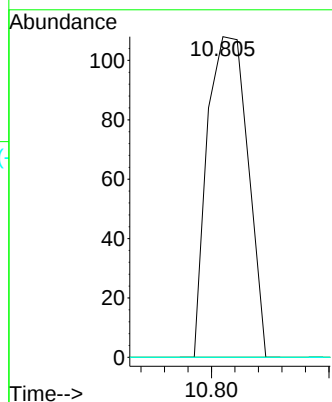
Tgt Ion:173 Resp: 129

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: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044592.D

Acq: 06 Jan 2025 13:55

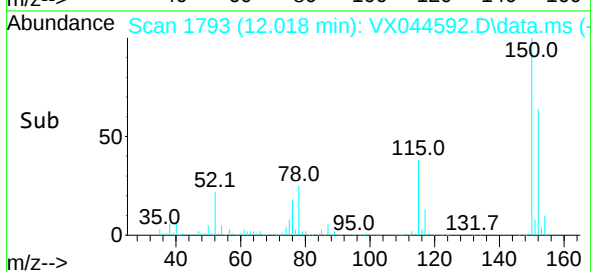
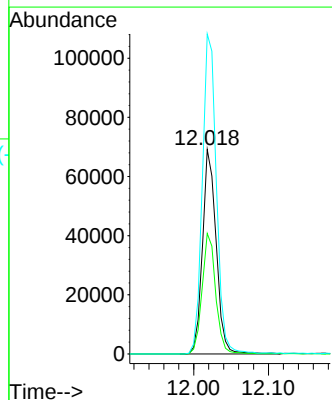
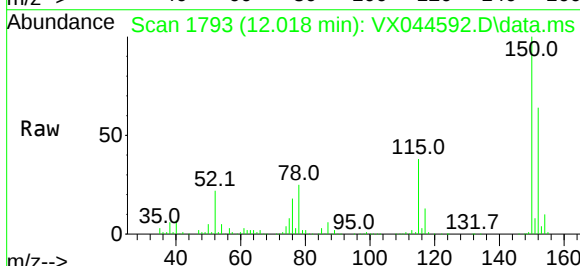
Tgt Ion:152 Resp: 88101

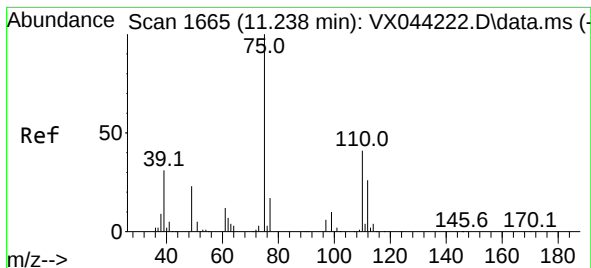
Ion Ratio Lower Upper

152 100

115 58.5 44.5 133.3

150 160.6 0.0 353.8





#76

1,2,3-Trichloropropane

Concen: 25.796 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044592.D

Acq: 06 Jan 2025 13:55

Instrument :

MSVOA_X

ClientSampleId :

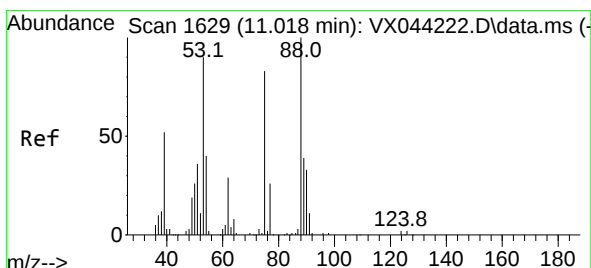
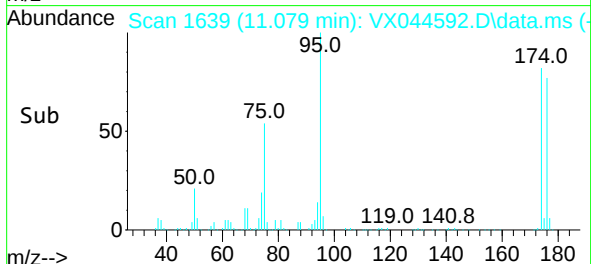
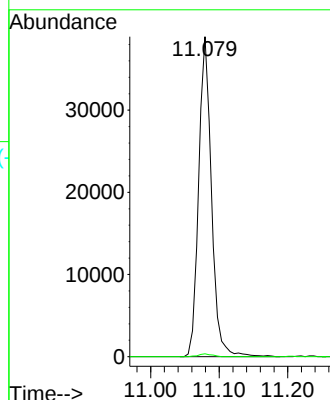
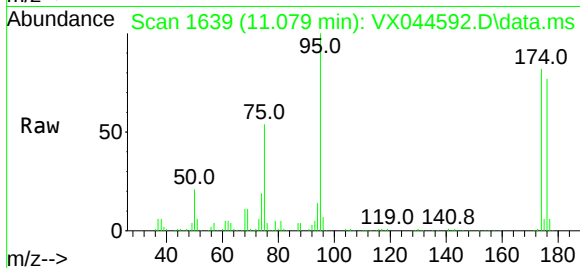
VPB190A-HYD-20241231

Tgt Ion: 75 Resp: 50743

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.250 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044592.D

Acq: 06 Jan 2025 13:55

Tgt Ion: 75 Resp: 50743

Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.0 37.3 55.9#

