

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
 Data File : VX044591.D
 Acq On : 06 Jan 2025 13:32
 Operator : JC/MD
 Sample : Q1004-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-EB-20241231

Quant Time: Jan 06 16:03:53 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)

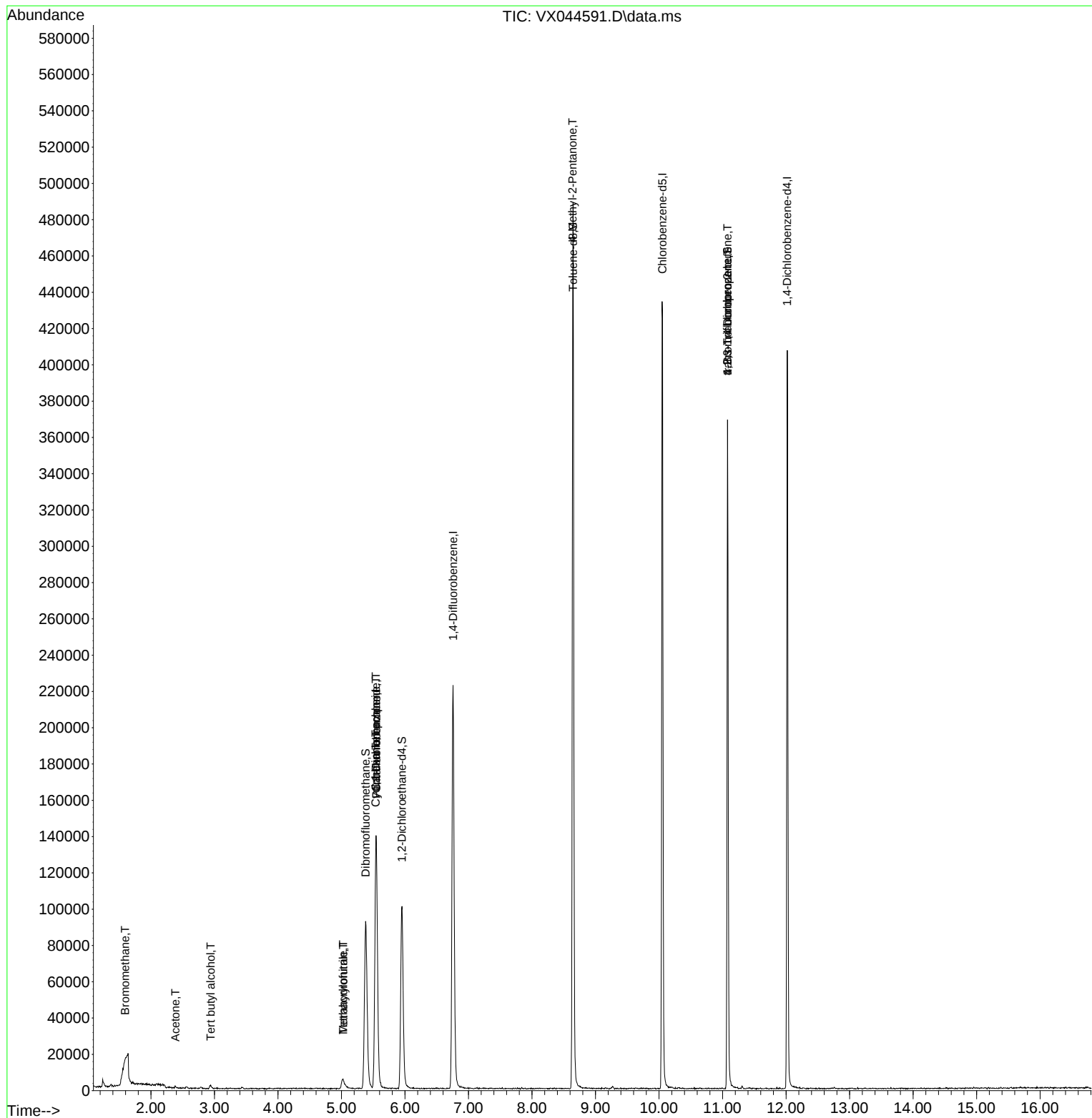
Internal Standards						
1) Pentafluorobenzene	5.550	168	133528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229475	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99194	42.369	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.740%		
35) Dibromofluoromethane	5.379	113	79120	49.782	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	8.647	98	287903	53.694	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.380%		
62) 4-Bromofluorobenzene	11.079	95	93039	49.658	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.320%		
Target Compounds						Qvalue
5) Bromomethane	1.593	94	625	0.428	ug/l #	48
11) Tert butyl alcohol	2.940	59	733	2.222	ug/l #	71
16) Acetone	2.386	43	687	0.720	ug/l	97
29) Tetrahydrofuran	5.025	42	5697	6.541	ug/l #	89
31) Cyclohexane	5.538	56	3167	1.253	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	11092	5.399	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13644	6.169	ug/l #	19
41) Methacrylonitrile	5.025	41	3681	2.730	ug/l #	36
51) 4-Methyl-2-Pentanone	8.641	43	1374	0.538	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49336	25.596	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	49336	70.740	ug/l #	4

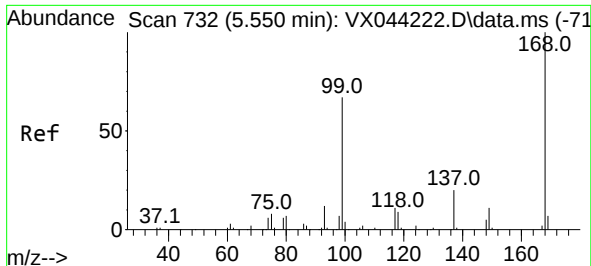
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
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BP-VPB-190A-EB-20241231

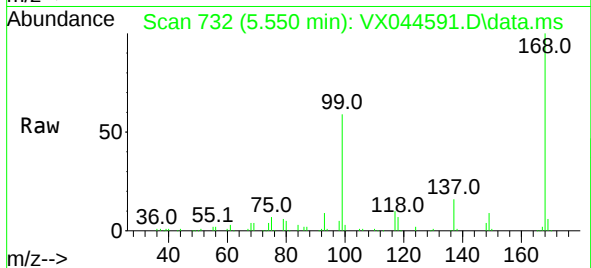
Quant Time: Jan 06 16:03:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



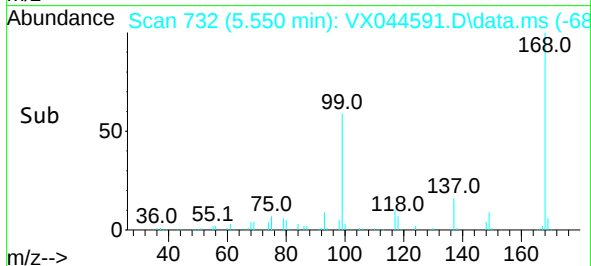
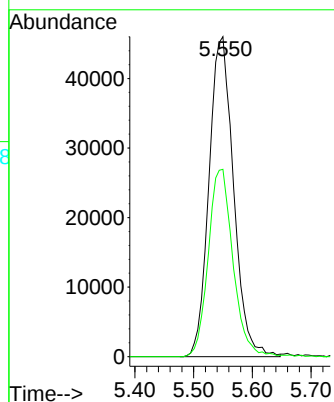


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241231

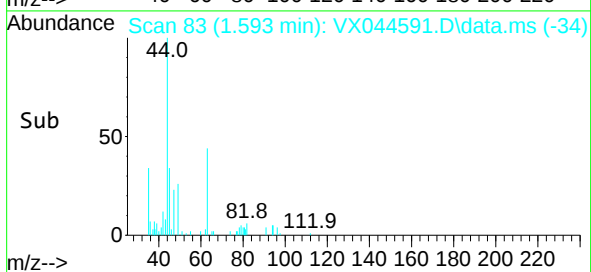
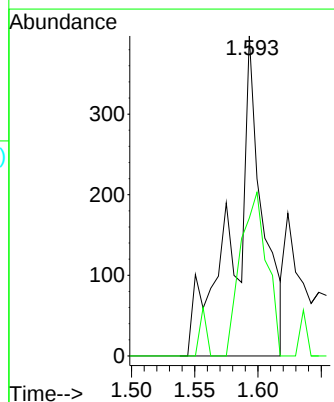
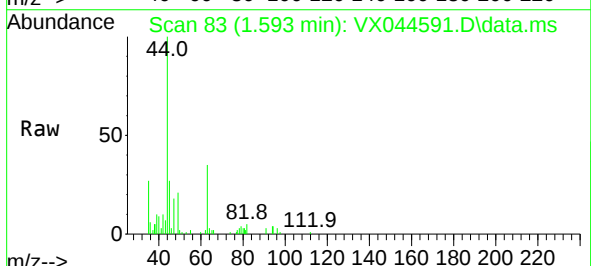


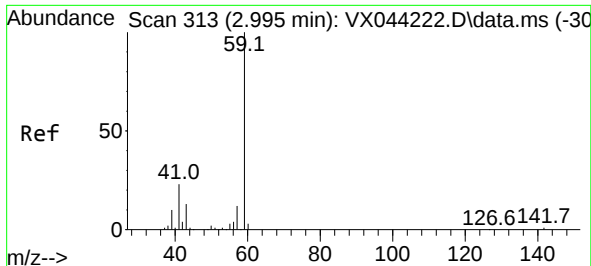
Tgt Ion:168 Resp: 133528
Ion Ratio Lower Upper
168 100
99 58.5 53.4 80.0



#5
Bromomethane
Concen: 0.428 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

Tgt Ion: 94 Resp: 625
Ion Ratio Lower Upper
94 100
96 43.1 74.9 112.3#





#11

Tert butyl alcohol

Concen: 2.222 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX044591.D

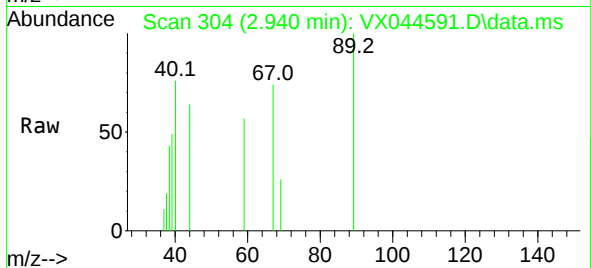
Acq: 06 Jan 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-EB-20241231

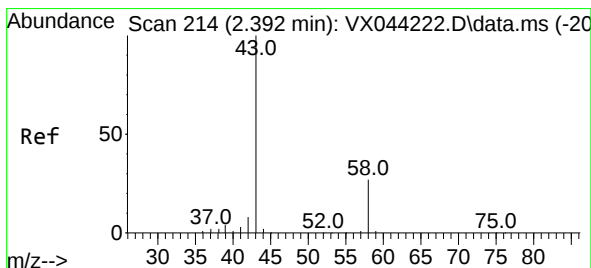
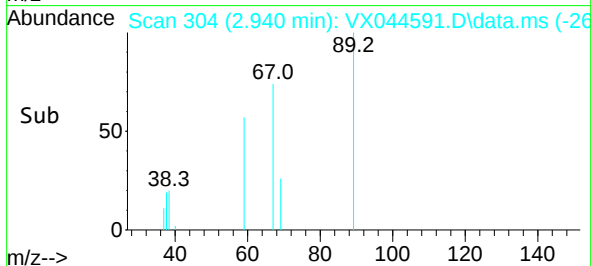
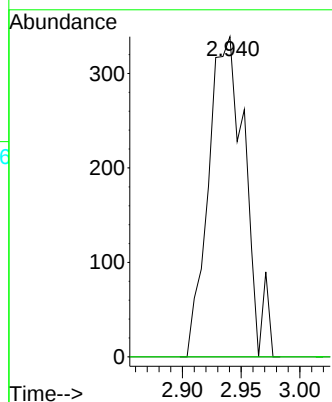


Tgt Ion: 59 Resp: 733

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 0.720 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX044591.D

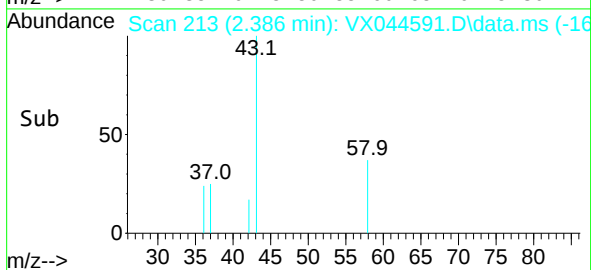
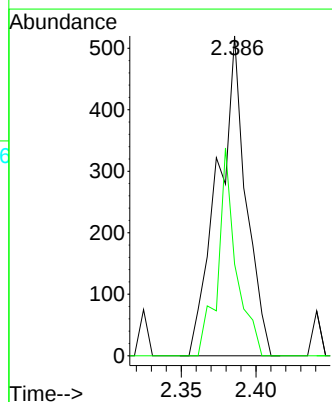
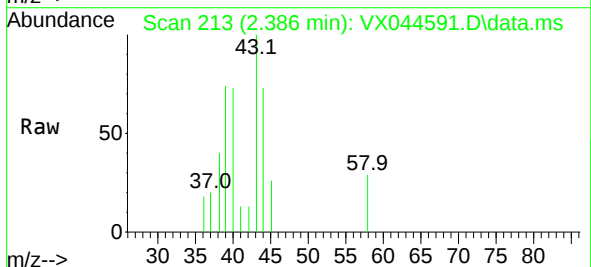
Acq: 06 Jan 2025 13:32

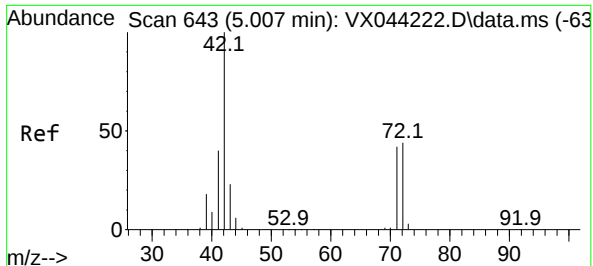
Tgt Ion: 43 Resp: 687

Ion Ratio Lower Upper

43 100

58 28.7 21.6 32.4





#29

Tetrahydrofuran

Concen: 6.541 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX044591.D

Acq: 06 Jan 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-190A-EB-20241231

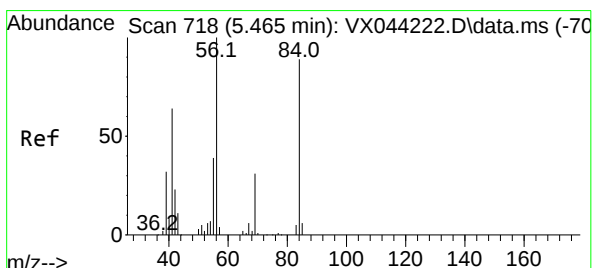
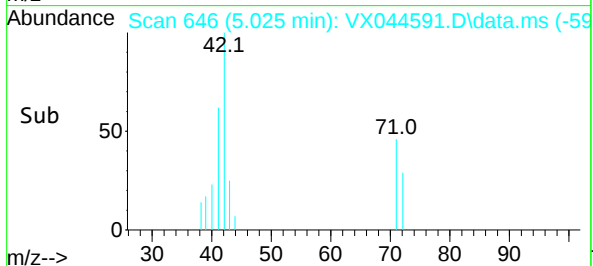
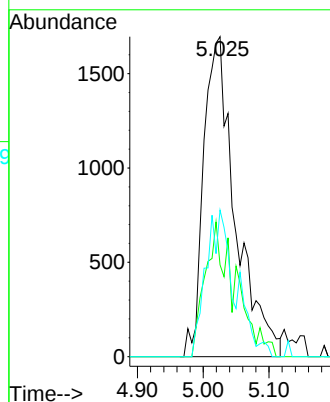
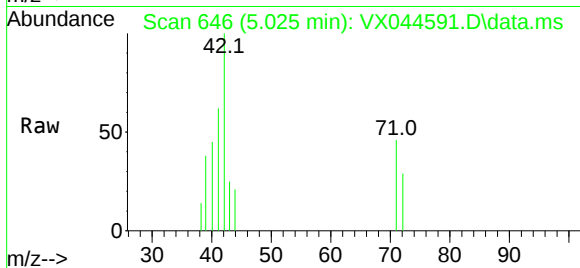
Tgt Ion: 42 Resp: 5697

Ion Ratio Lower Upper

42 100

72 40.7 37.0 55.6

71 33.4 33.6 50.4#



#31

Cyclohexane

Concen: 1.253 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX044591.D

Acq: 06 Jan 2025 13:32

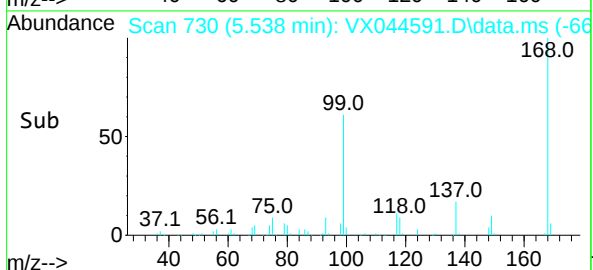
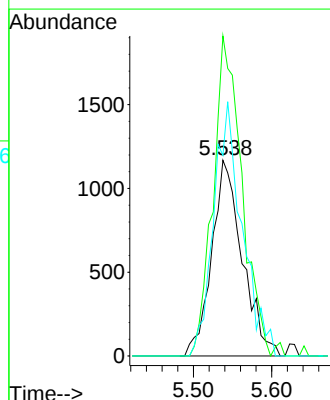
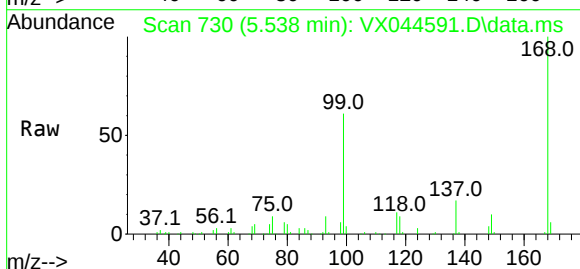
Tgt Ion: 56 Resp: 3167

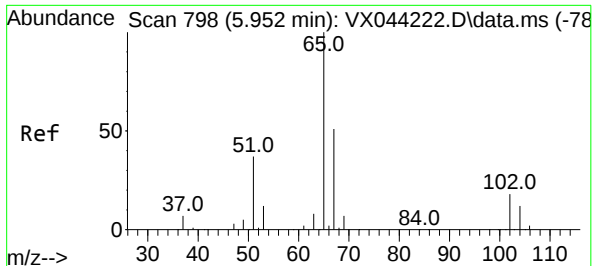
Ion Ratio Lower Upper

56 100

69 163.5 24.7 37.1#

84 102.6 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 42.369 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044591.D

Acq: 06 Jan 2025 13:32

Instrument :

MSVOA_X

ClientSampleId :

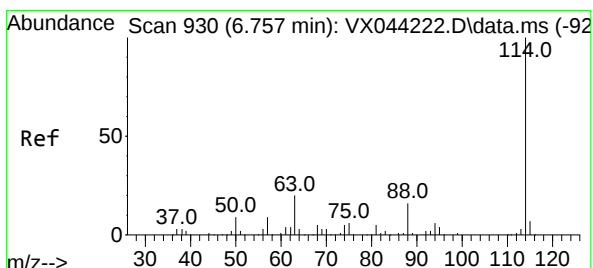
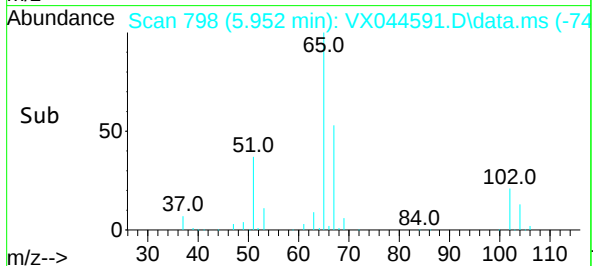
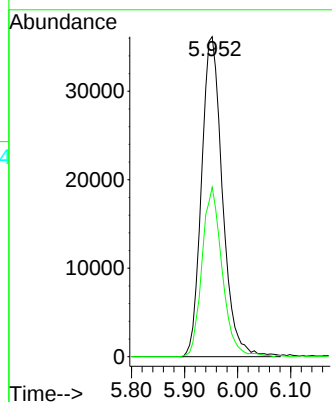
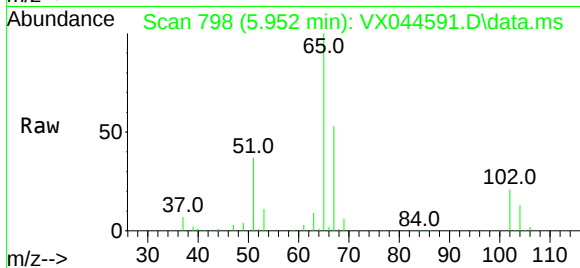
BP-VPB-190A-EB-20241231

Tgt Ion: 65 Resp: 99194

Ion Ratio Lower Upper

65 100

67 50.9 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: VX044591.D

Acq: 06 Jan 2025 13:32

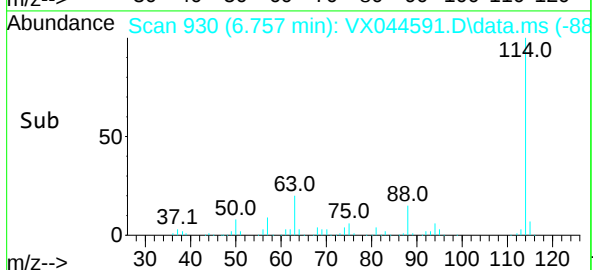
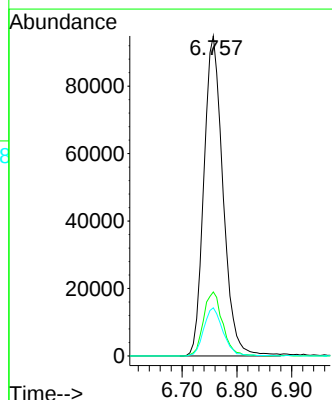
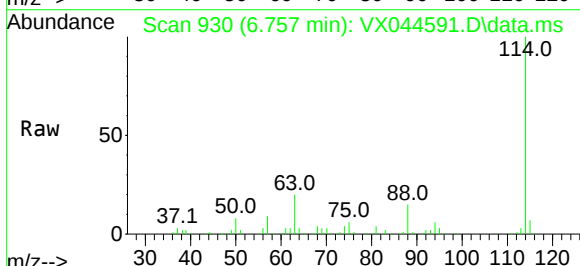
Tgt Ion: 114 Resp: 229475

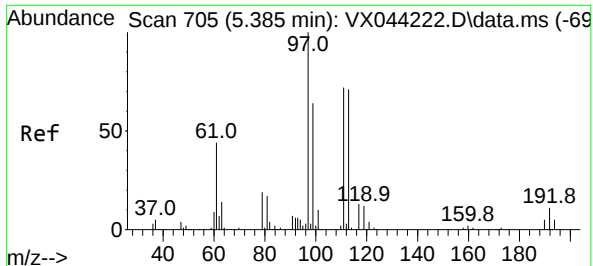
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 15.1 0.0 31.8

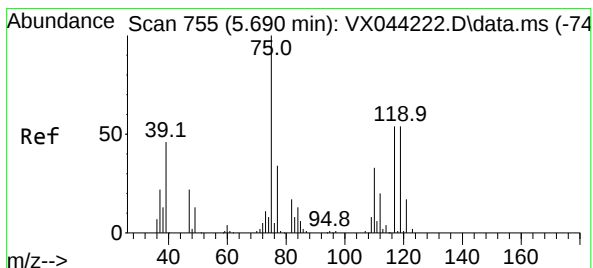
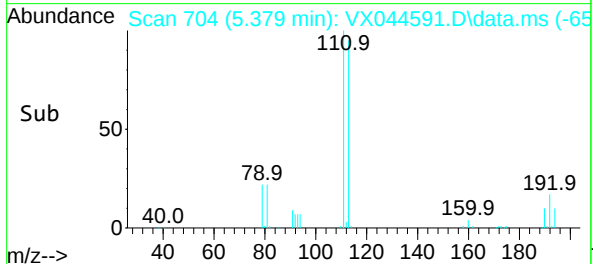
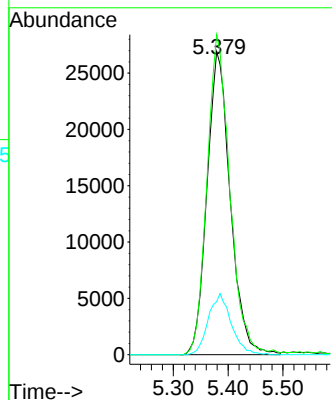
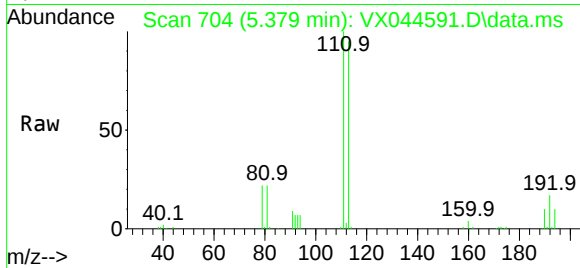




#35
Dibromofluoromethane
Concen: 49.782 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

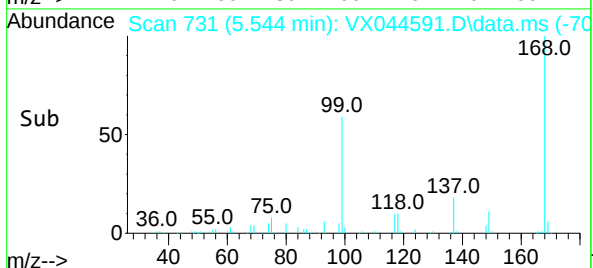
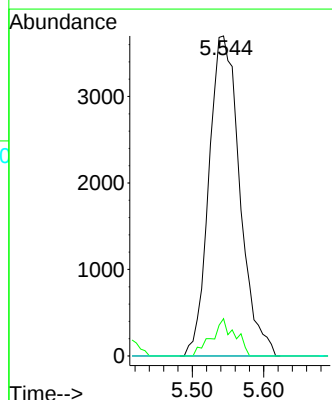
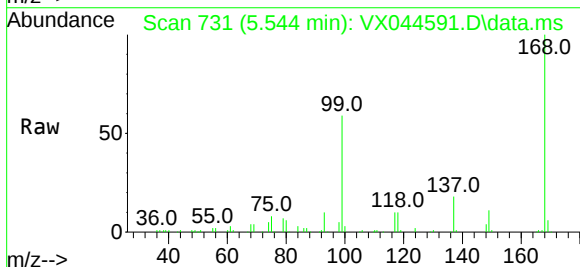
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241231

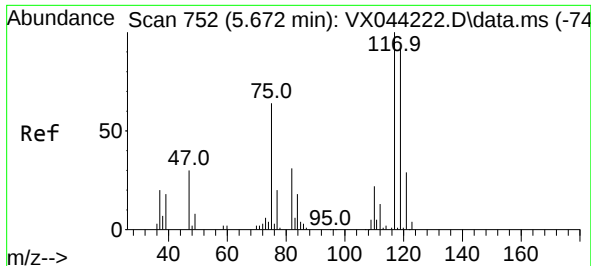
Tgt Ion:113 Resp: 79120
Ion Ratio Lower Upper
113 100
111 104.0 80.4 120.6
192 19.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.399 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

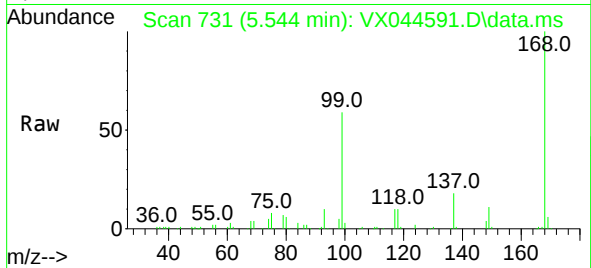
Tgt Ion: 75 Resp: 11092
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 25.4 38.0#



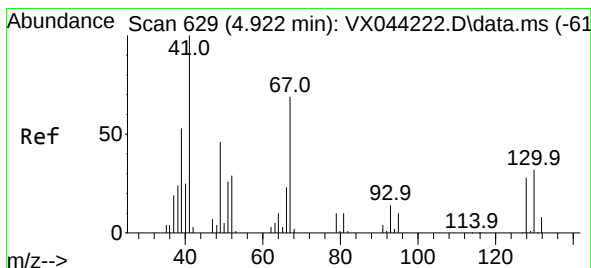
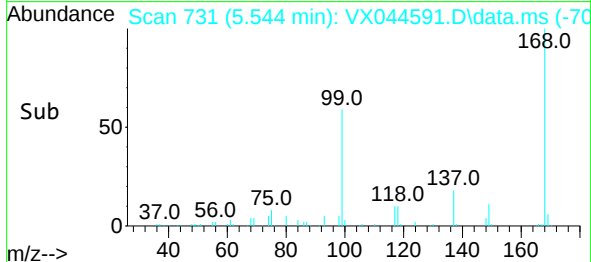
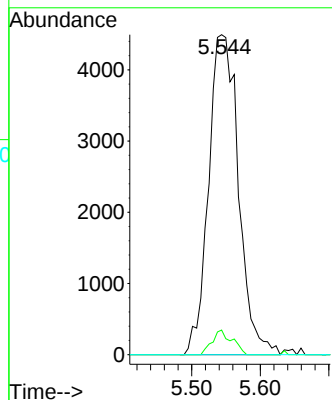


#38
Carbon Tetrachloride
Concen: 6.169 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241231

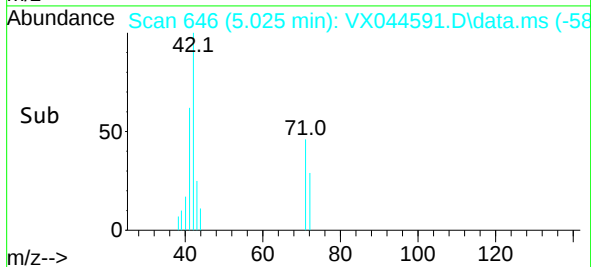
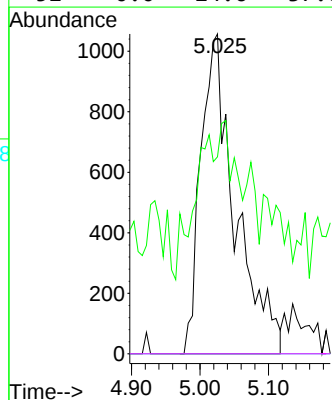
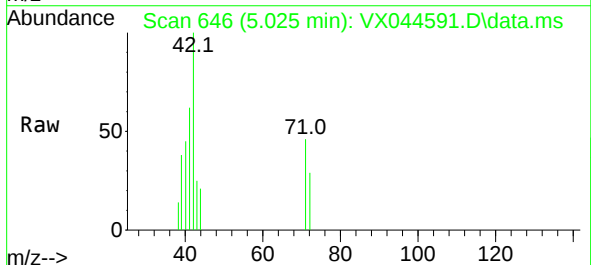


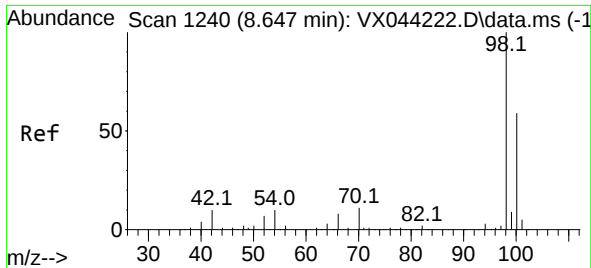
Tgt Ion: 117 Resp: 13644
Ion Ratio Lower Upper
117 100
119 7.7 74.2 111.4#
121 0.0 23.0 34.6#



#41
Methacrylonitrile
Concen: 2.730 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.104 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

Tgt Ion: 41 Resp: 3681
Ion Ratio Lower Upper
41 100
39 27.2 44.2 66.4#
67 0.0 57.2 85.8#
52 0.0 24.6 37.0#

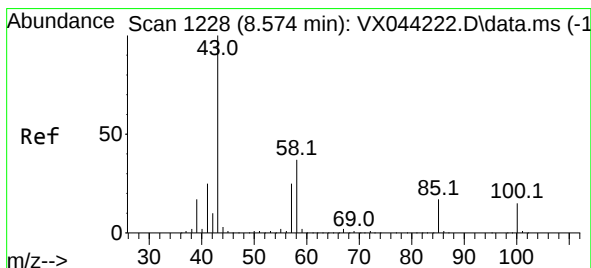
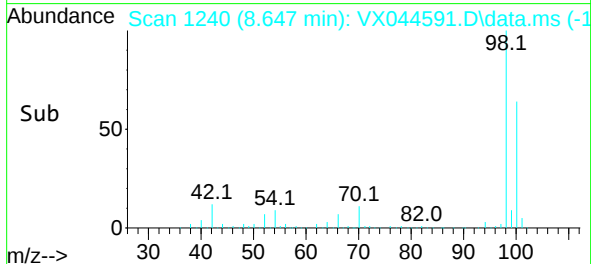
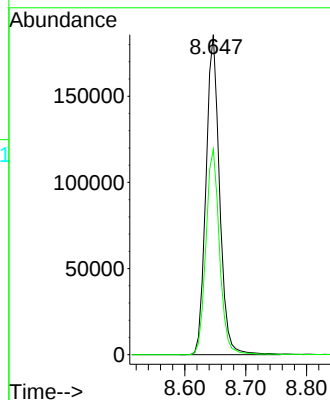
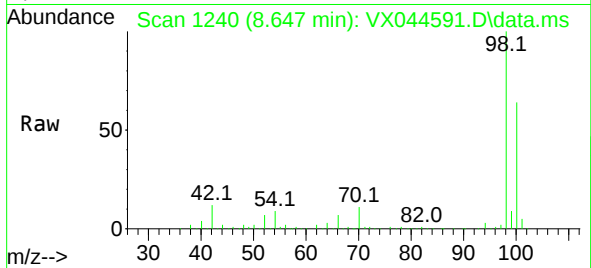




#50
Toluene-d8
Concen: 53.694 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

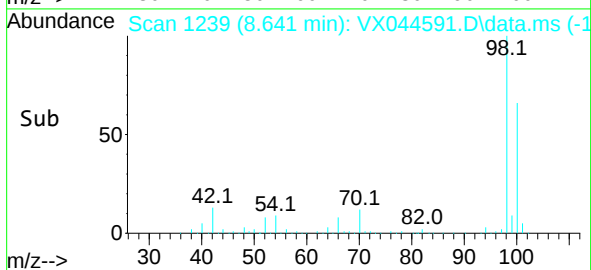
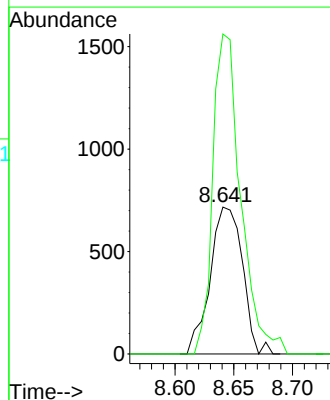
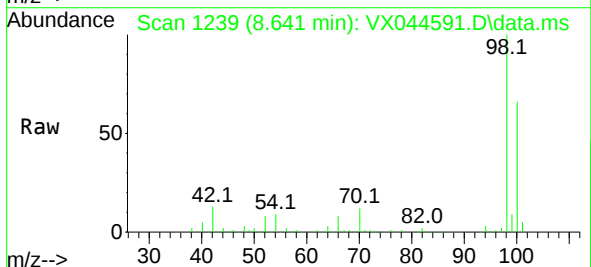
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241231

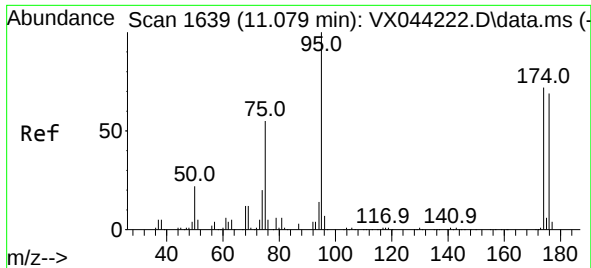
Tgt Ion: 98 Resp: 287903
Ion Ratio Lower Upper
98 100
100 64.4 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.538 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

Tgt Ion: 43 Resp: 1374
Ion Ratio Lower Upper
43 100
58 188.0 29.4 44.0#

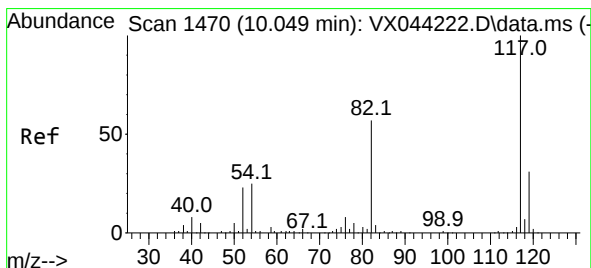
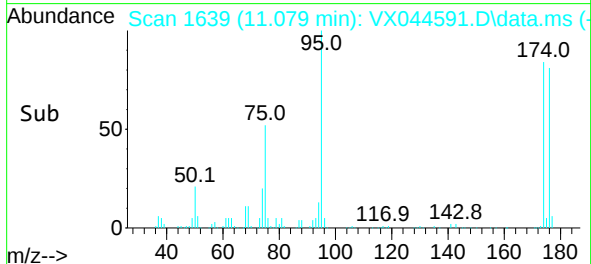
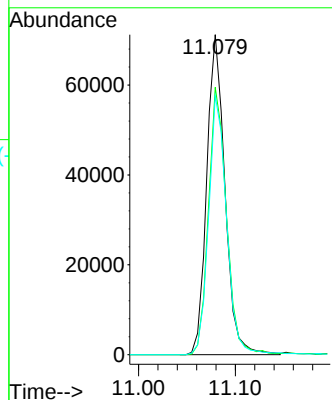
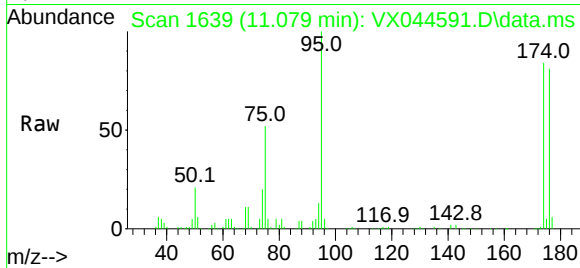




#62
4-Bromofluorobenzene
Concen: 49.658 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

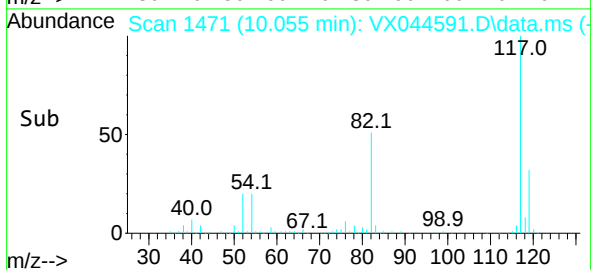
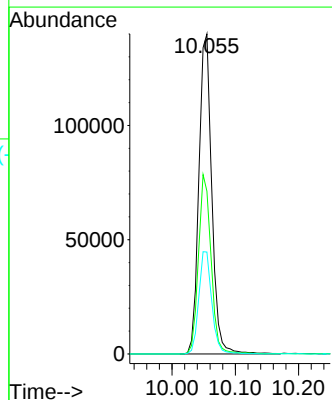
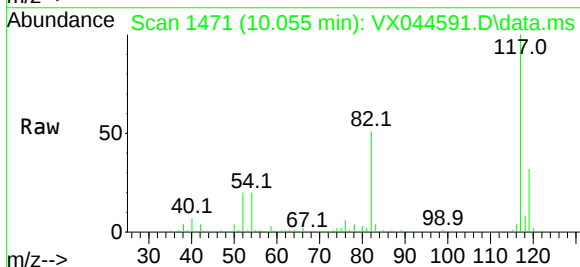
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241231

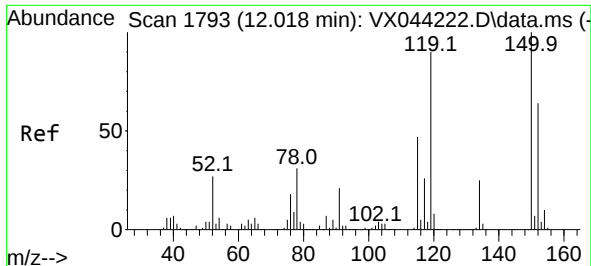
Tgt Ion:	95	Resp:	93039
Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	145.8
176	80.5	0.0	137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

Tgt Ion:	117	Resp:	198904
Ion	Ratio	Lower	Upper
117	100		
82	50.9	45.8	68.8
119	31.9	25.0	37.4

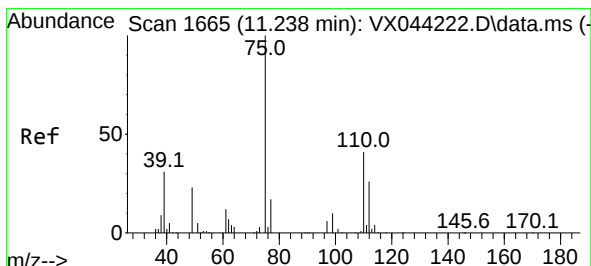
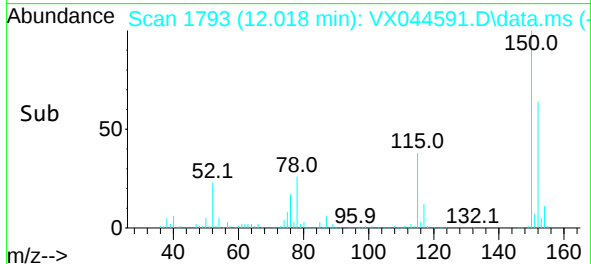
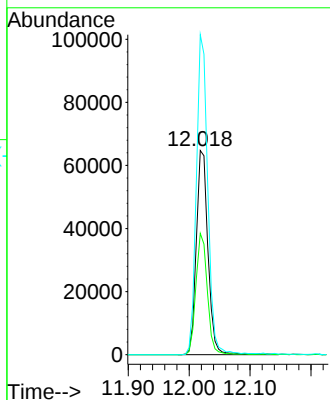
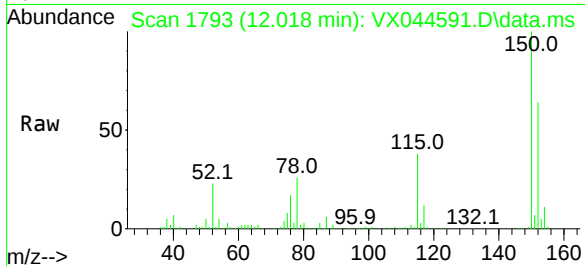




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

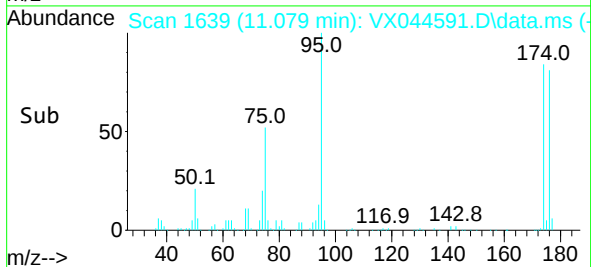
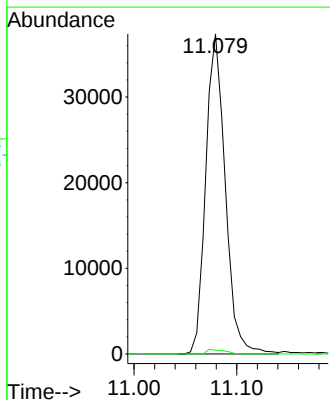
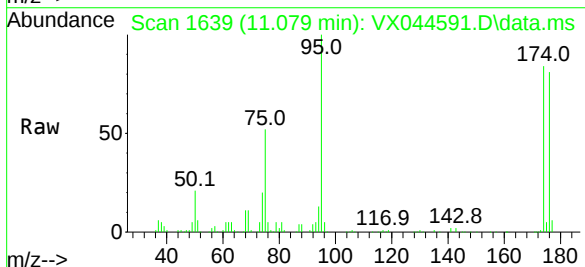
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190A-EB-20241231

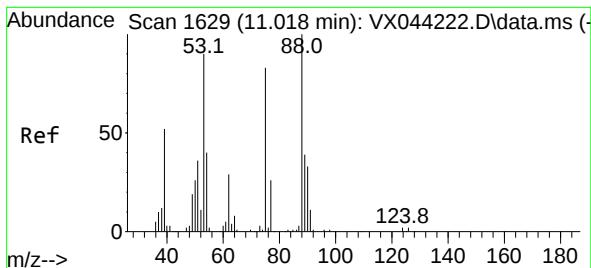
Tgt Ion:152 Resp: 86329
Ion Ratio Lower Upper
152 100
115 58.2 44.5 133.3
150 152.9 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 25.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044591.D
Acq: 06 Jan 2025 13:32

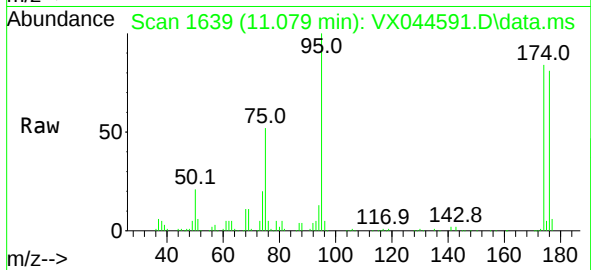
Tgt Ion: 75 Resp: 49336
Ion Ratio Lower Upper
75 100
77 1.3 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.740 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044591.D
 Acq: 06 Jan 2025 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190A-EB-20241231



Tgt Ion: 75 Resp: 49336
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.0 37.3 55.9#

