

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
 Data File : VX043599.D
 Acq On : 29 Oct 2024 16:01
 Operator : JC/MD
 Sample : P4600-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-190-TB-20241025

Quant Time: Oct 30 01:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 28 13:41:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	143669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	269321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	99990	43.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.300%
35) Dibromofluoromethane	5.379	113	82733	45.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.600%
50) Toluene-d8	8.647	98	316435	50.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.100%
62) 4-Bromofluorobenzene	11.079	95	108968	46.517	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.040%

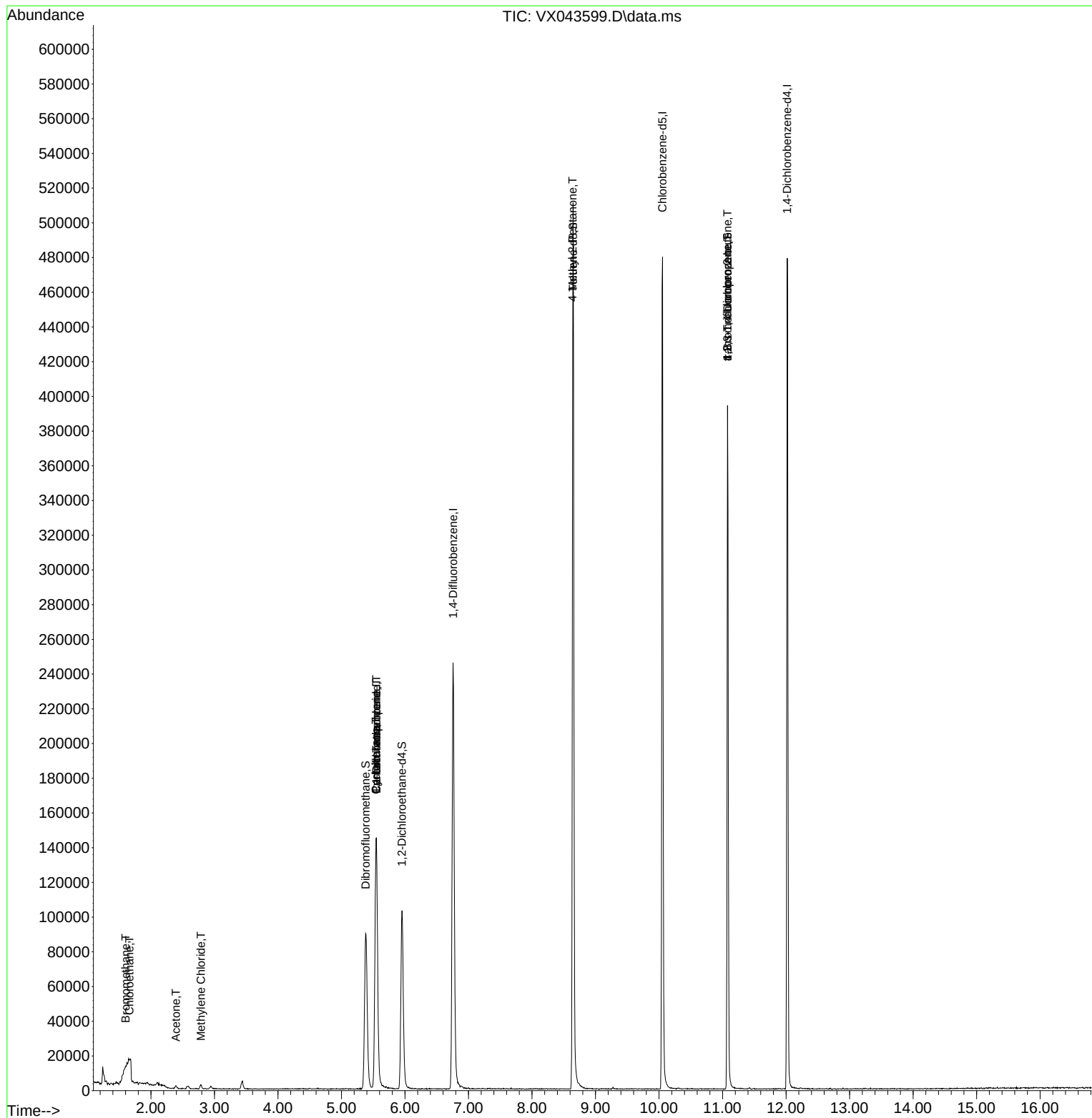
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	181	0.244	ug/l #	46
6) Chloroethane	1.660	64	167	0.260	ug/l #	64
16) Acetone	2.392	43	1848	2.031	ug/l	97
20) Methylene Chloride	2.788	84	1425	0.727	ug/l	91
31) Cyclohexane	5.544	56	2854	1.180	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11197	5.171	ug/l #	49
38) Carbon Tetrachloride	5.550	117	15030	6.282	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1288	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54194	24.355	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	54194	67.001	ug/l #	7

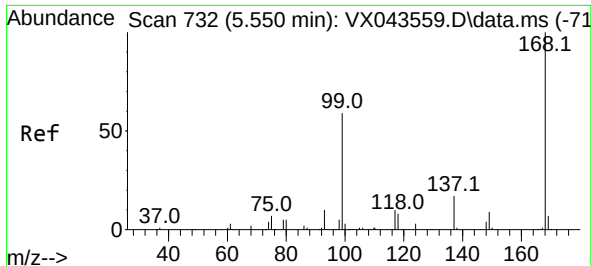
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102924\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102824W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 28 13:41:34 2024
Response via : Initial Calibration

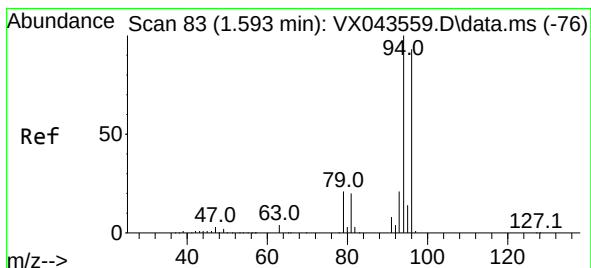
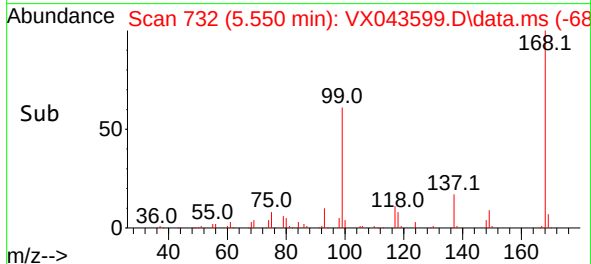
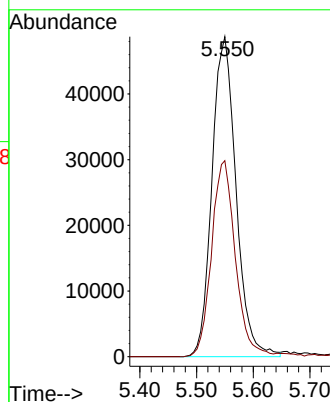
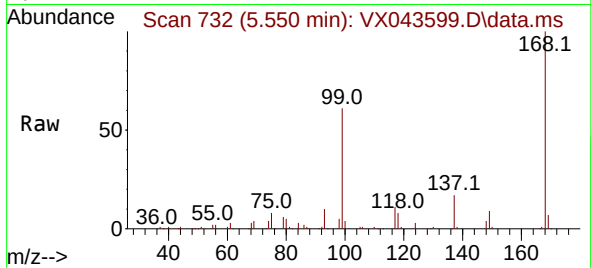




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

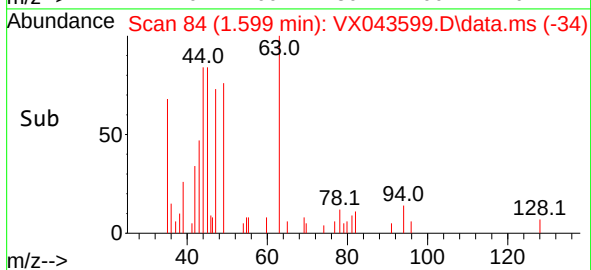
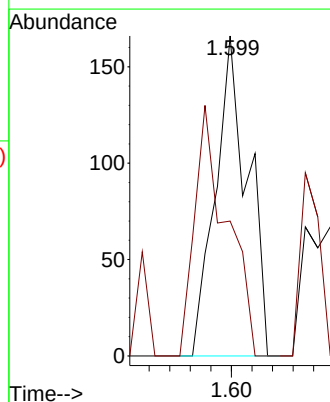
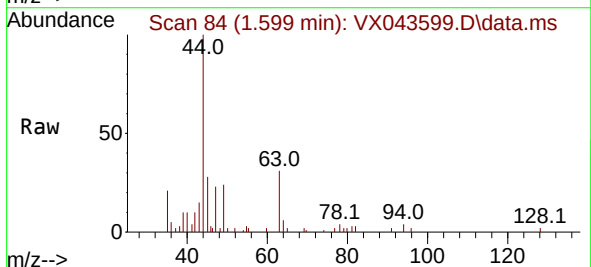
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-TB-20241025

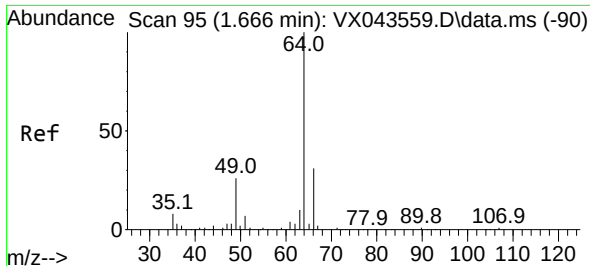
Tgt Ion:168 Resp: 143669
Ion Ratio Lower Upper
168 100
99 61.3 52.6 78.8



#5
Bromomethane
Concen: 0.244 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 42.2 75.9 113.9#

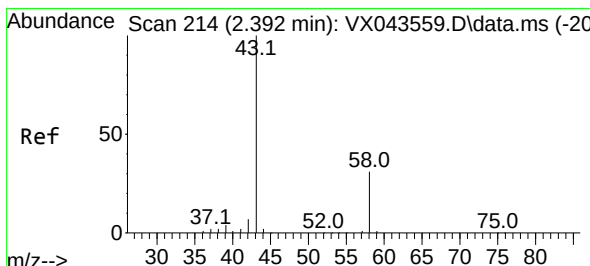
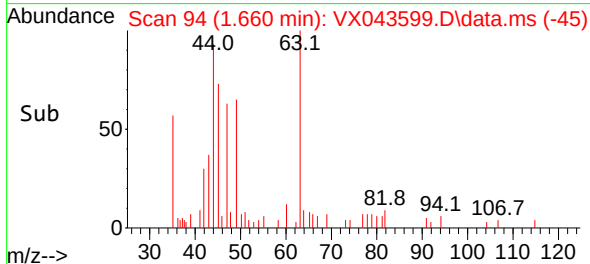
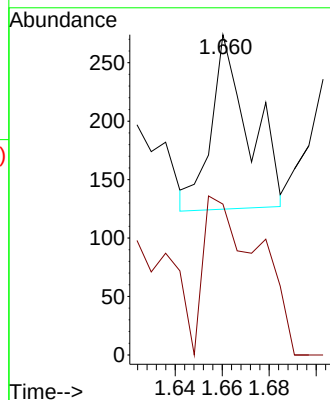
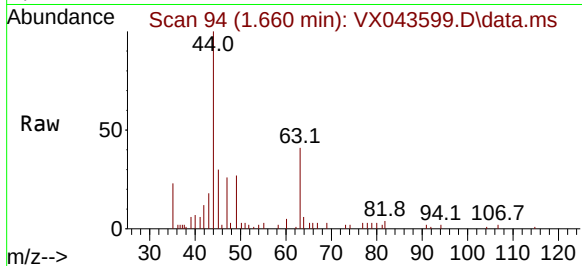




#6
Chloroethane
Concen: 0.260 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

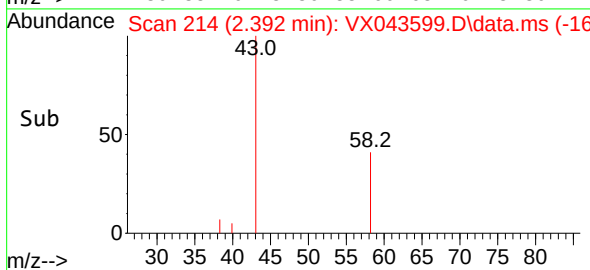
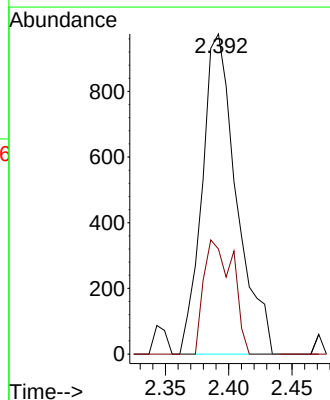
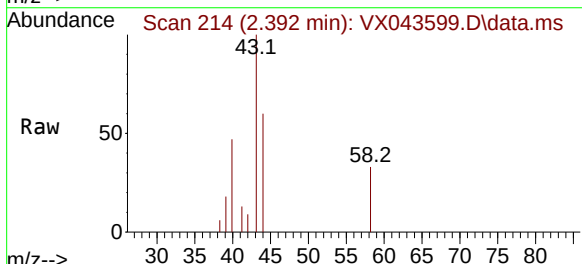
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-TB-20241025

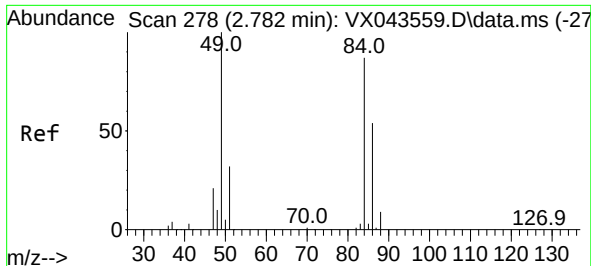
Tgt Ion: 64 Resp: 167
Ion Ratio Lower Upper
64 100
66 51.1 25.1 37.7#



#16
Acetone
Concen: 2.031 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 43 Resp: 1848
Ion Ratio Lower Upper
43 100
58 32.8 25.1 37.7

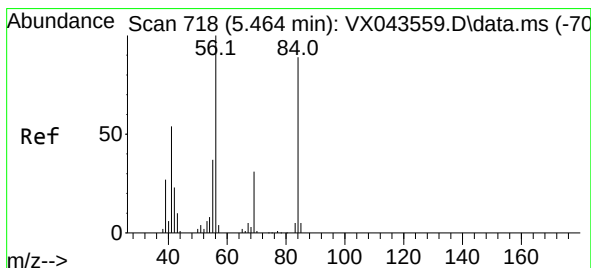
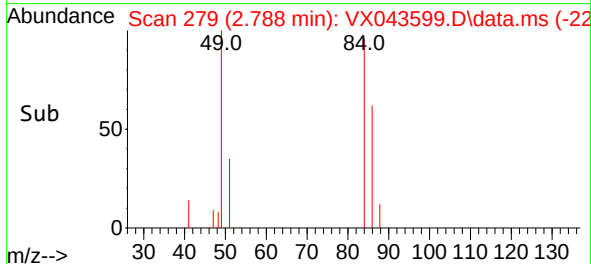
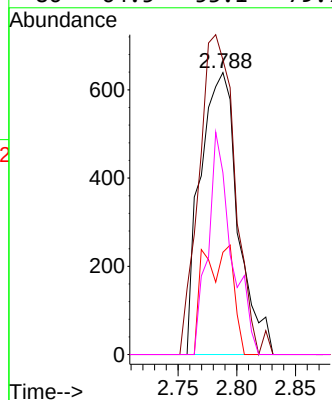
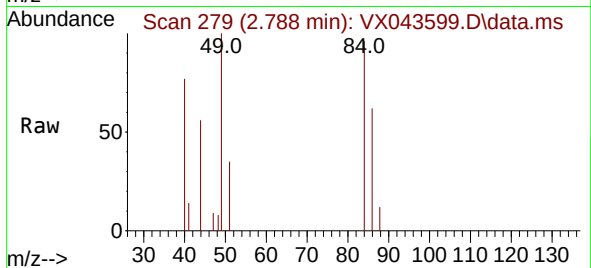




#20
Methylene Chloride
Concen: 0.727 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

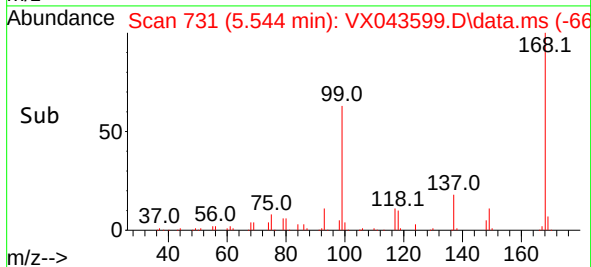
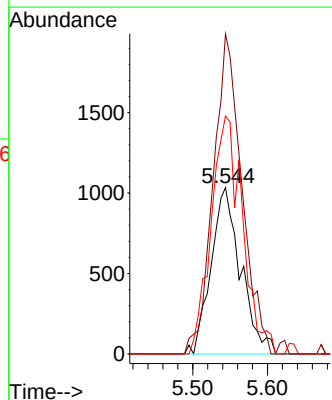
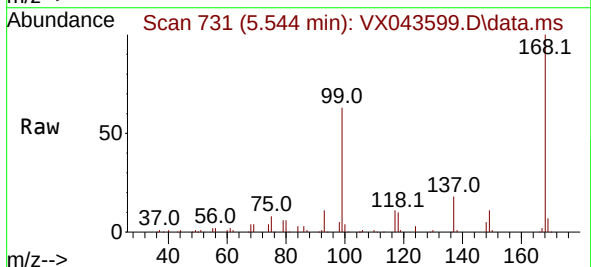
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-TB-20241025

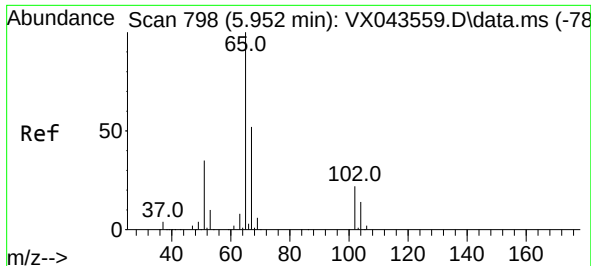
Tgt Ion:	84	Resp:	1425
Ion	Ratio	Lower	Upper
84	100		
49	104.5	97.0	145.6
51	36.3	29.8	44.8
86	64.5	53.1	79.7



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.086 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Tgt Ion:	56	Resp:	2854
Ion	Ratio	Lower	Upper
56	100		
69	192.4	24.9	37.3#
84	143.0	73.3	109.9#





#33

1,2-Dichloroethane-d4

Concen: 43.648 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043599.D

Acq: 29 Oct 2024 16:01

Instrument :

MSVOA_X

ClientSampleId :

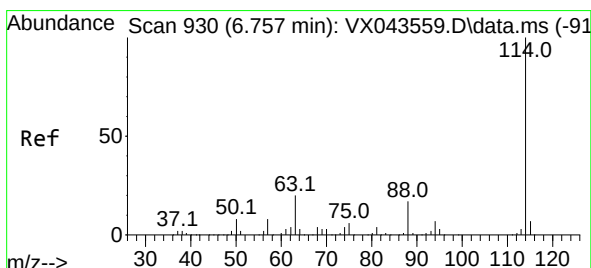
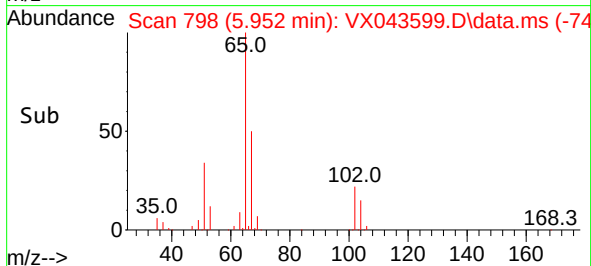
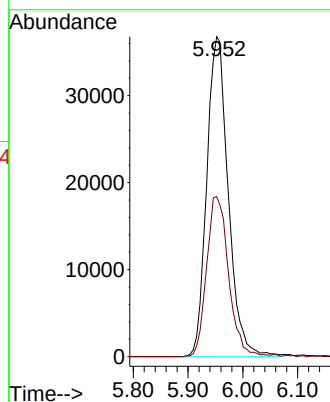
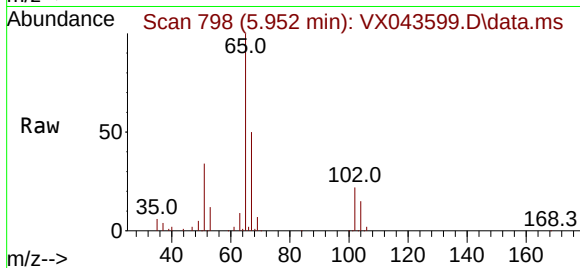
BP-VPB-190-TB-20241025

Tgt Ion: 65 Resp: 99990

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043599.D

Acq: 29 Oct 2024 16:01

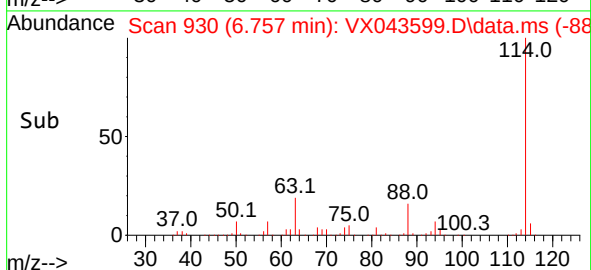
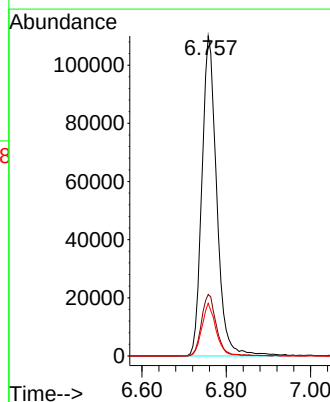
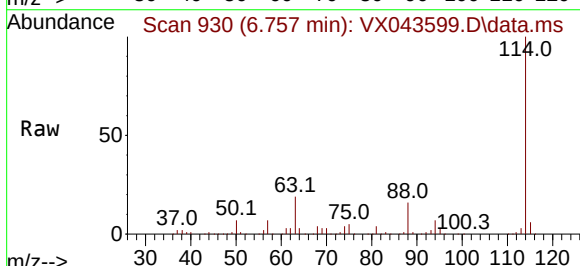
Tgt Ion: 114 Resp: 269321

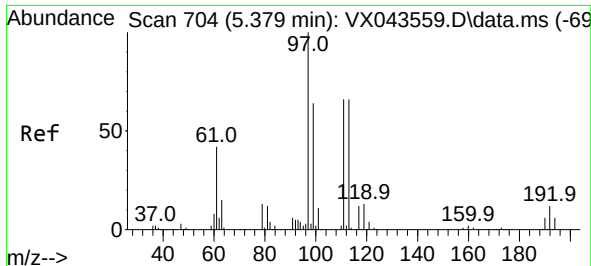
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.2

88 16.5 0.0 34.0

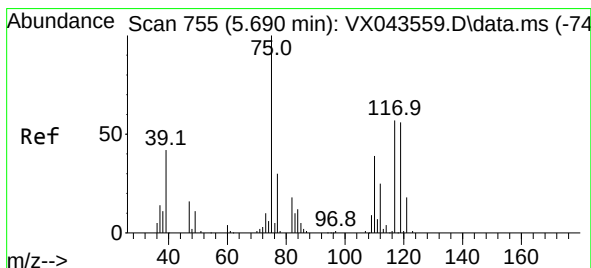
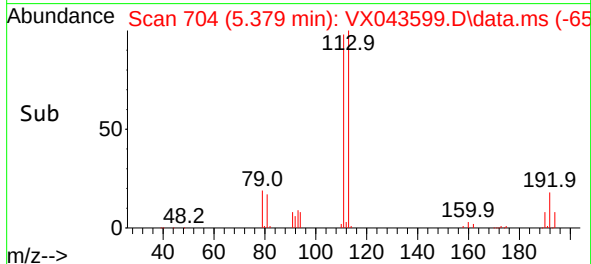
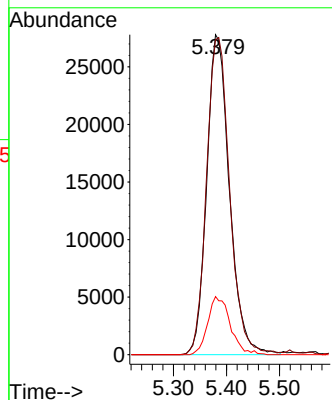
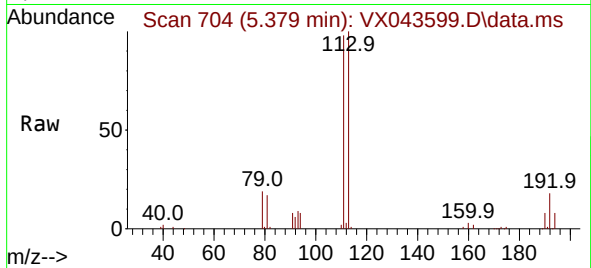




#35
Dibromofluoromethane
Concen: 45.302 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

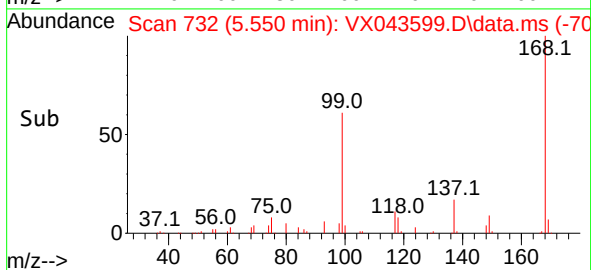
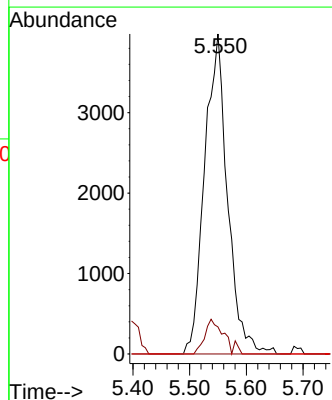
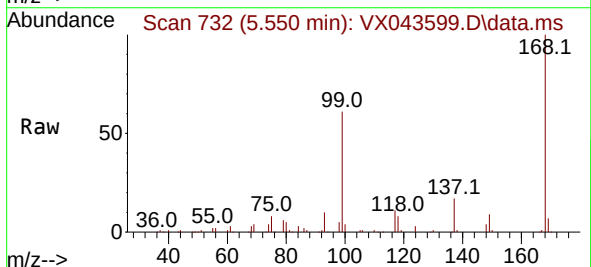
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-TB-20241025

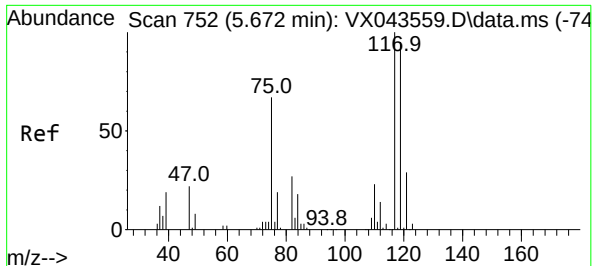
Tgt Ion:113 Resp: 82733
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 18.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.171 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

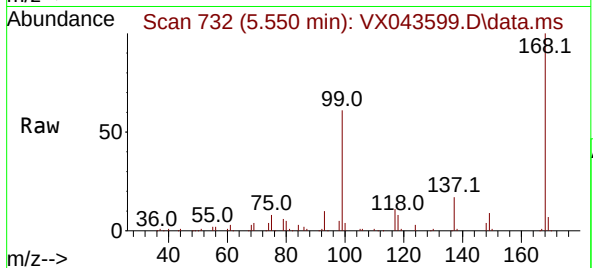
Tgt Ion: 75 Resp: 11197
Ion Ratio Lower Upper
75 100
110 8.4 17.9 53.7#
77 0.0 25.0 37.4#



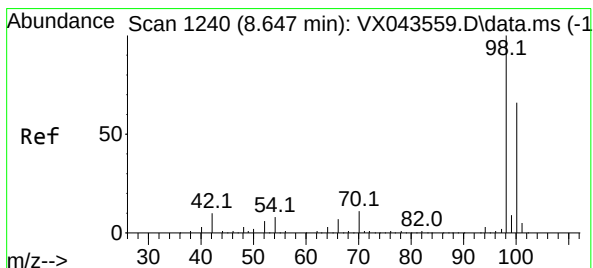
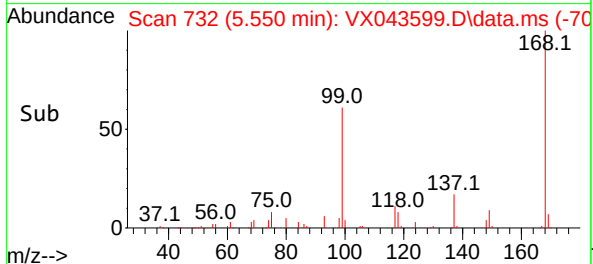
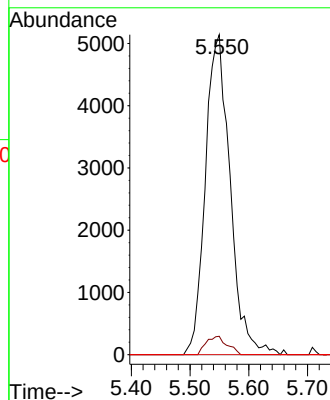


#38
Carbon Tetrachloride
Concen: 6.282 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-TB-20241025

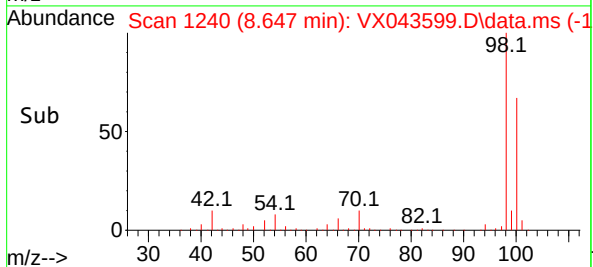
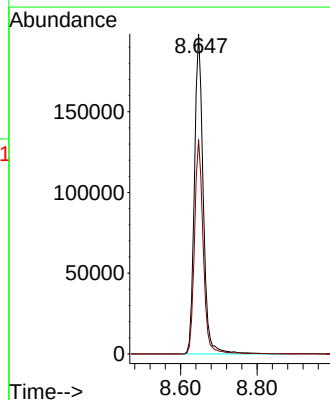
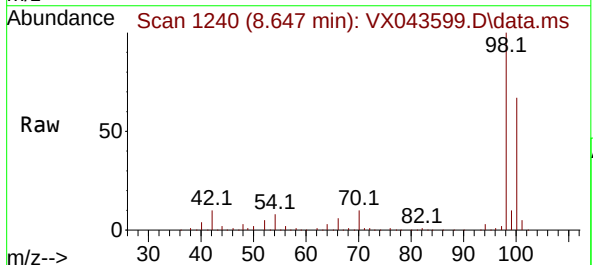


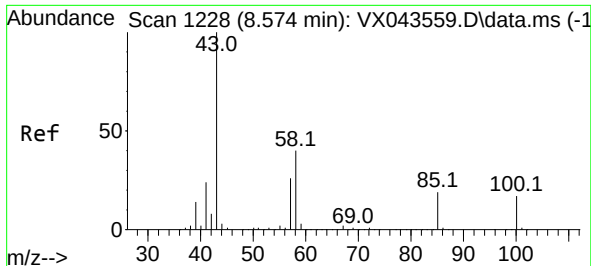
Tgt Ion:117 Resp: 15030
Ion Ratio Lower Upper
117 100
119 5.8 77.0 115.6#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.054 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 98 Resp: 316435
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.2

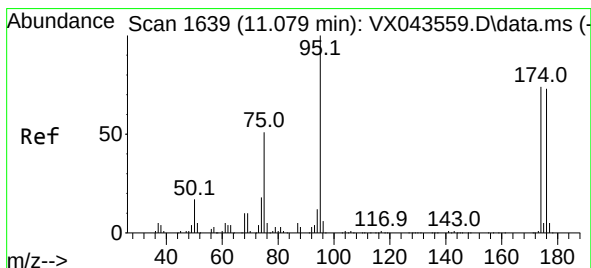
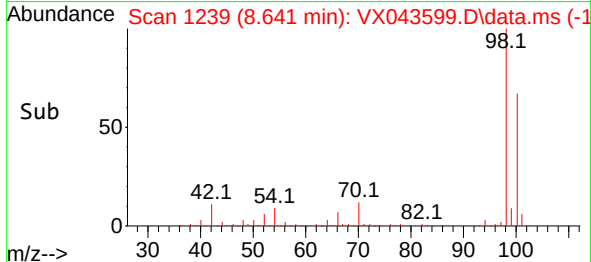
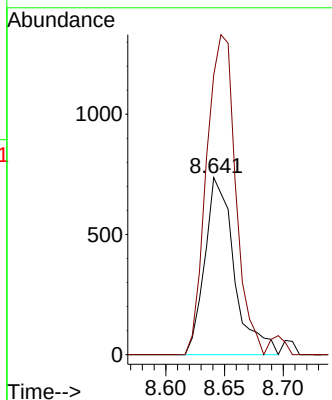
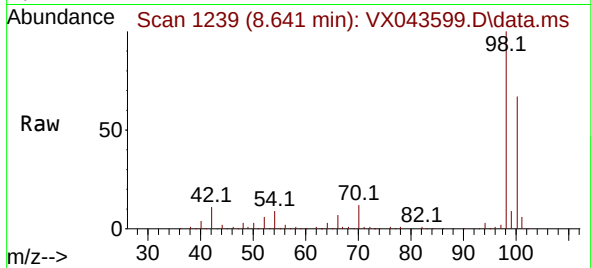




#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

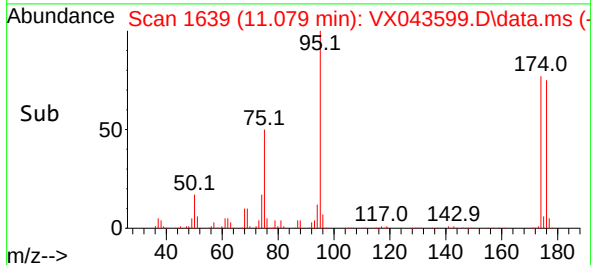
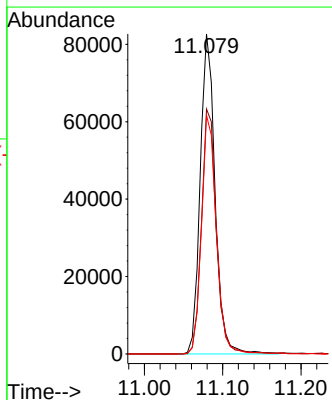
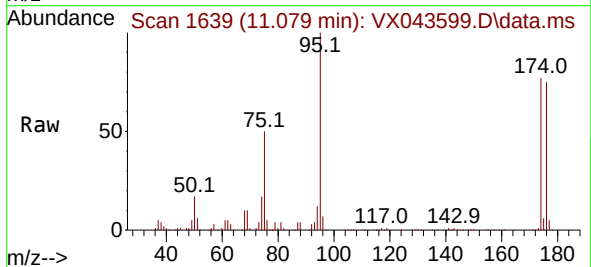
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-TB-20241025

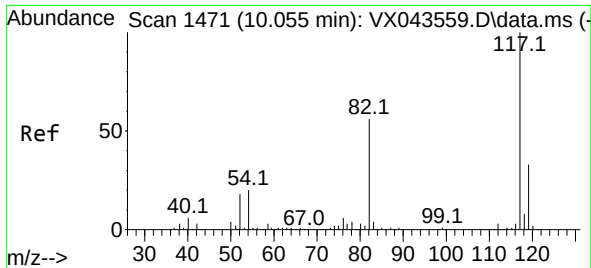
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 178.5 31.7 47.5#



#62
4-Bromofluorobenzene
Concen: 46.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 95 Resp: 108968
Ion Ratio Lower Upper
95 100
174 76.7 0.0 146.6
176 74.7 0.0 139.6

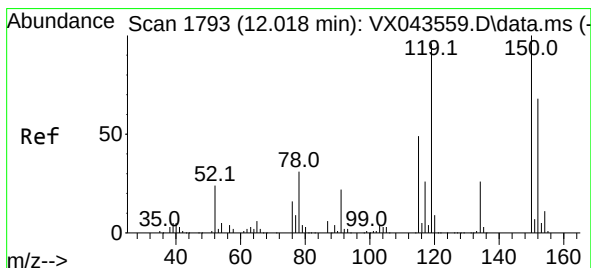
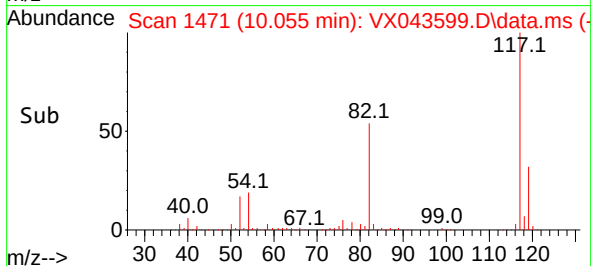
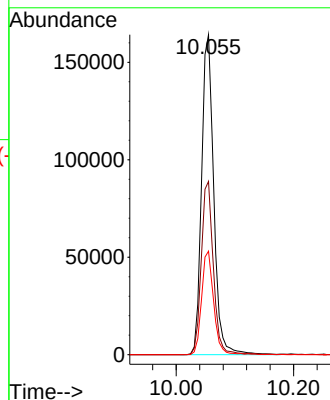
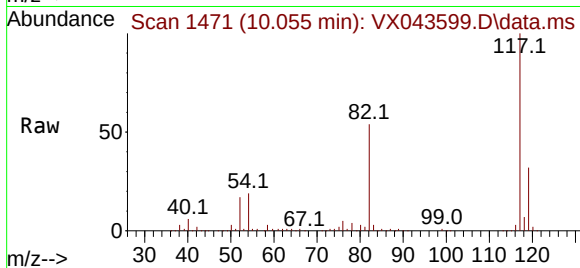




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

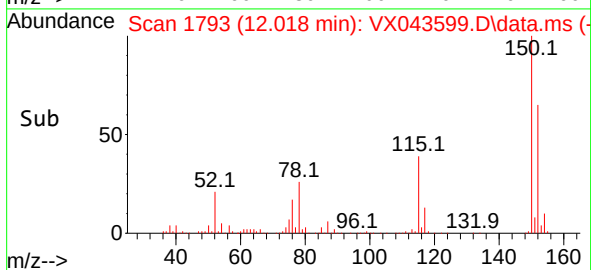
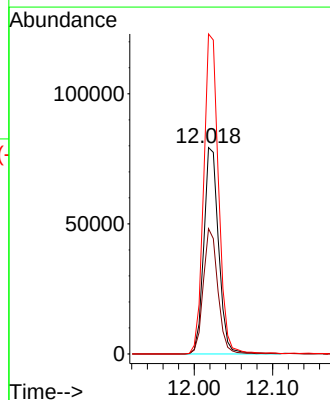
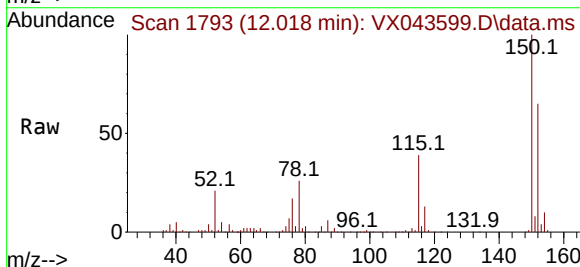
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-TB-20241025

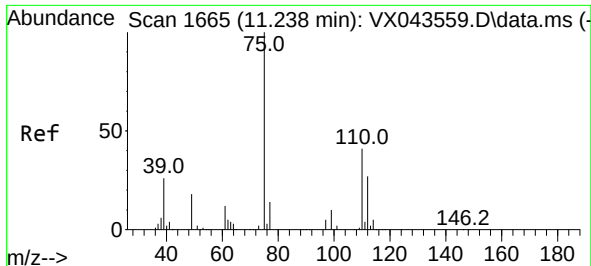
Tgt Ion:117 Resp: 235549
Ion Ratio Lower Upper
117 100
82 54.1 42.1 63.1
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Tgt Ion:152 Resp: 104072
Ion Ratio Lower Upper
152 100
115 59.9 42.9 128.7
150 155.7 0.0 343.6

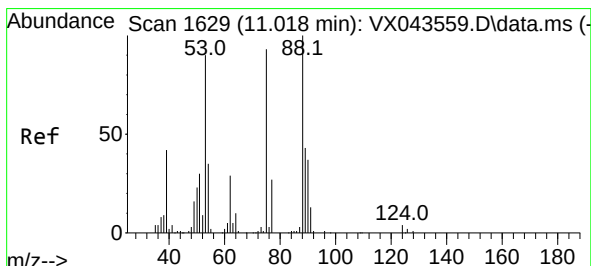
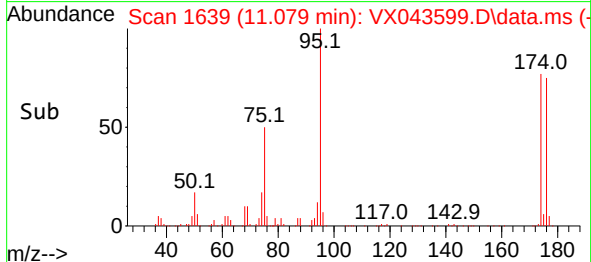
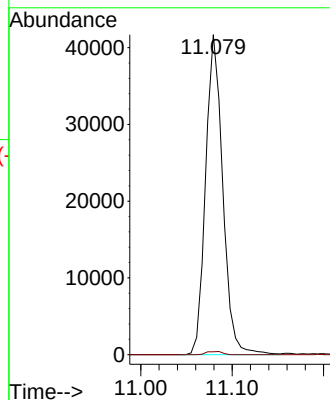
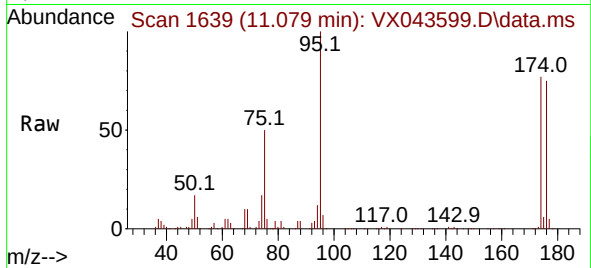




#76
1,2,3-Trichloropropane
Concen: 24.355 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-190-TB-20241025

Tgt Ion: 75 Resp: 54194
Ion Ratio Lower Upper
75 100
77 0.9 22.4 67.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.001 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043599.D
Acq: 29 Oct 2024 16:01

Tgt Ion: 75 Resp: 54194
Ion Ratio Lower Upper
75 100
53 0.0 84.6 126.8#
89 0.0 38.6 58.0#

