

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044717.D
 Acq On : 27 Jan 2025 12:38
 Operator : JC/MD
 Sample : Q1173-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-TB-20250121

Quant Time: Jan 28 04:10:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	154291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	301435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	272981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108974	46.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.580%
35) Dibromofluoromethane	5.379	113	97156	50.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.460%
50) Toluene-d8	8.647	98	368668	55.214	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.420%
62) 4-Bromofluorobenzene	11.079	95	135005	54.237	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.480%

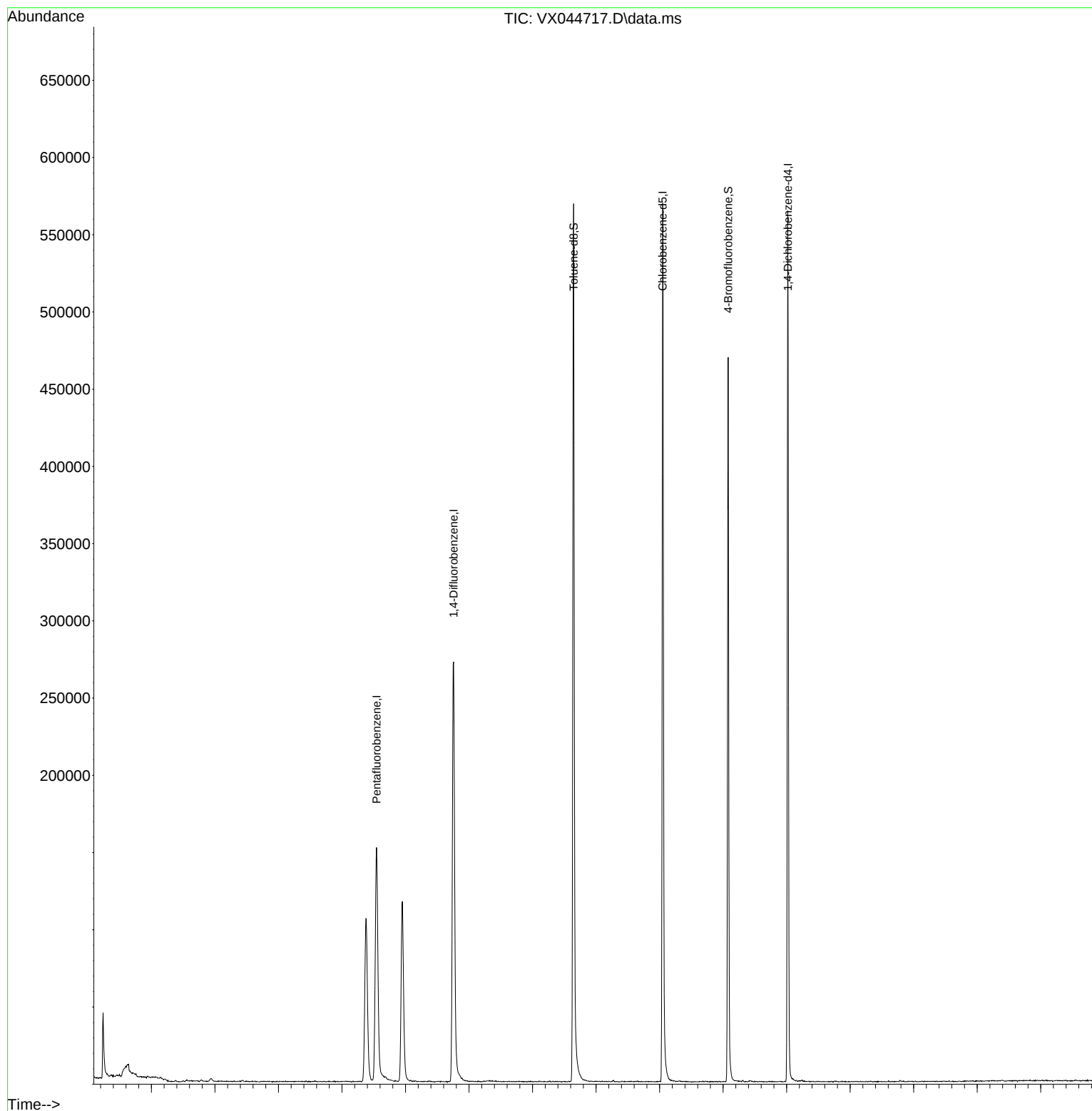
Target Compounds Qvalue

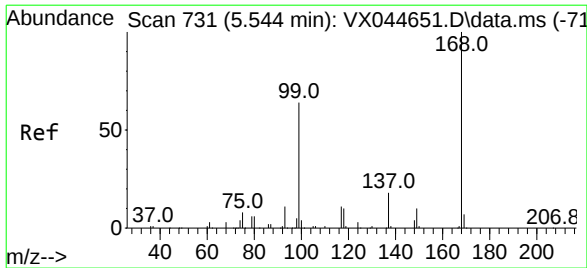
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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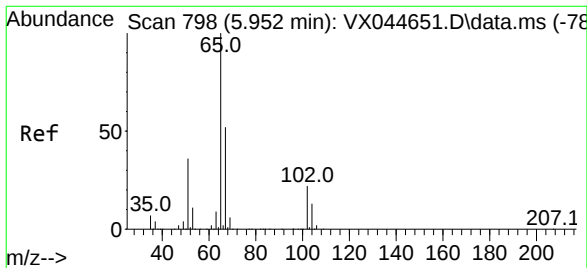
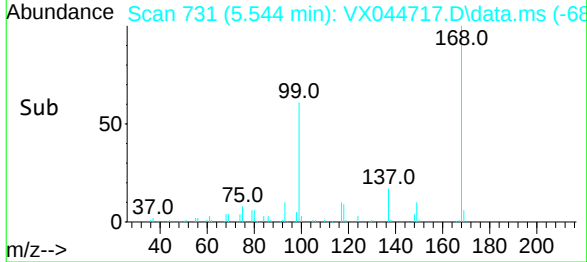
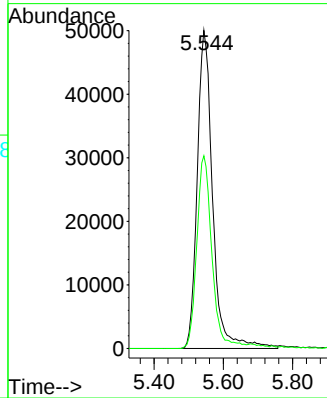
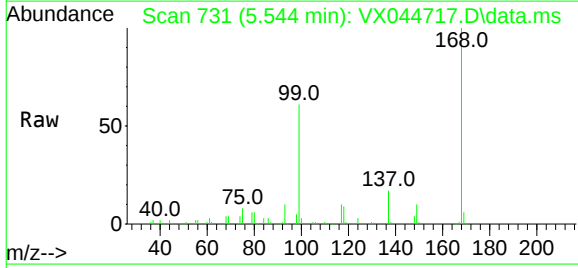




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

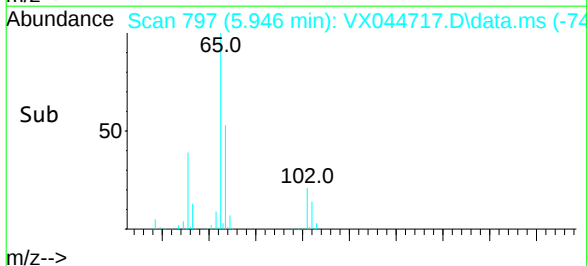
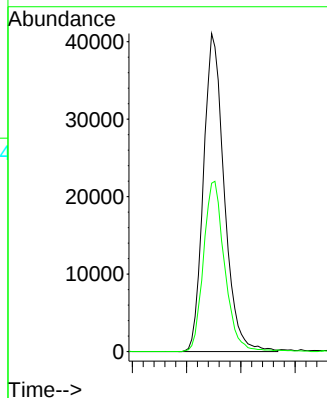
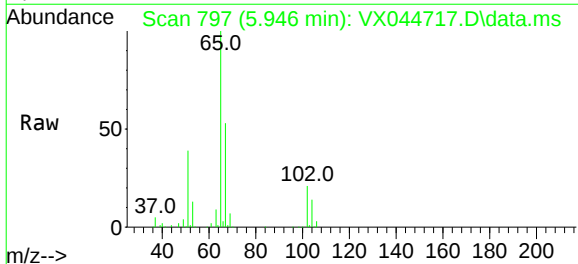
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-TB-20250121

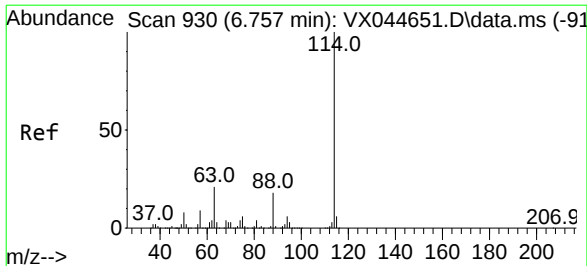
Tgt Ion:168 Resp: 154291
Ion Ratio Lower Upper
168 100
99 60.6 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 46.792 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

Tgt Ion: 65 Resp: 108974
Ion Ratio Lower Upper
65 100
67 54.4 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: VX044717.D

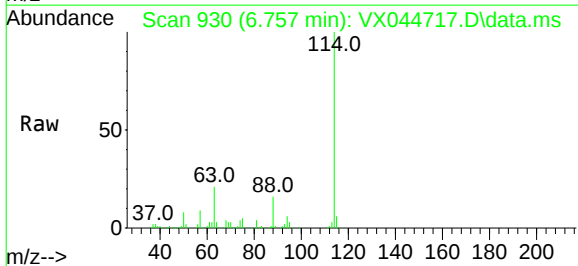
Acq: 27 Jan 2025 12:38

Instrument :

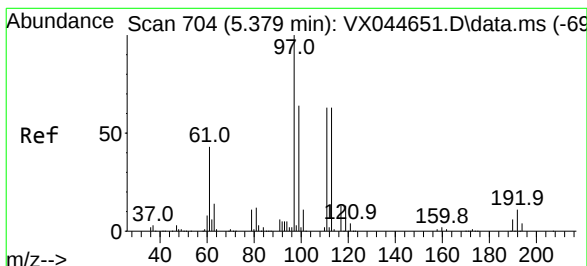
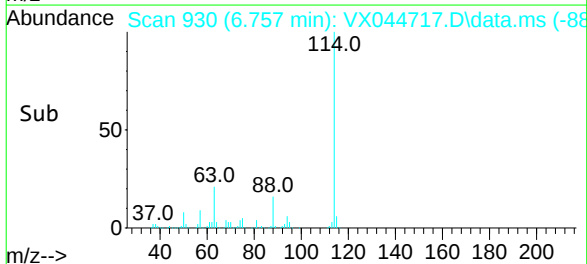
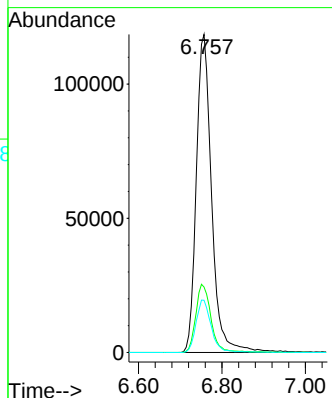
MSVOA_X

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BP-VPB-192-TB-20250121



Tgt Ion:	114	Resp:	301435
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	43.0
88	16.4	0.0	35.4



#35

Dibromofluoromethane

Concen: 50.735 ug/l

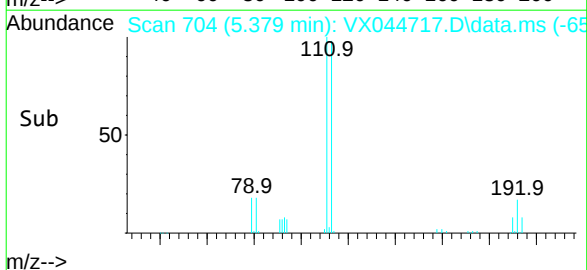
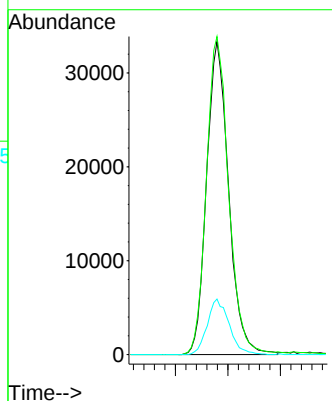
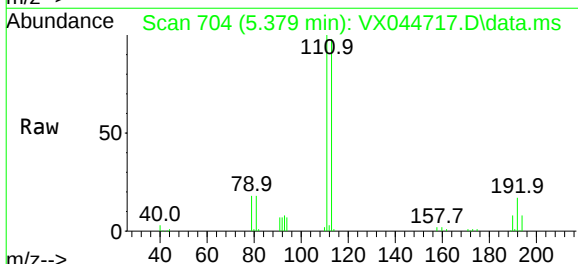
RT: 5.379 min Scan# 704

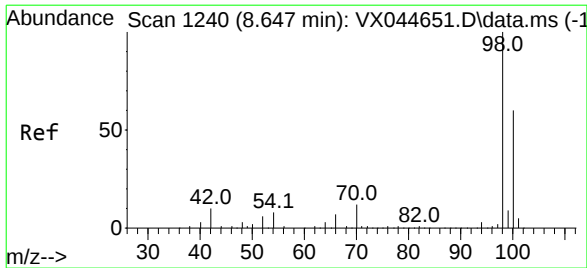
Delta R.T. 0.000 min

Lab File: VX044717.D

Acq: 27 Jan 2025 12:38

Tgt Ion:	113	Resp:	97156
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	17.6	14.4	21.6

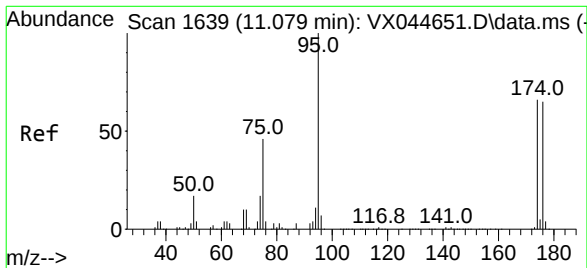
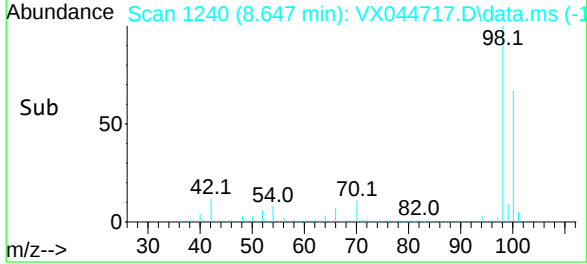
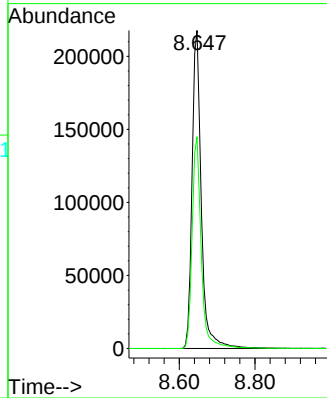
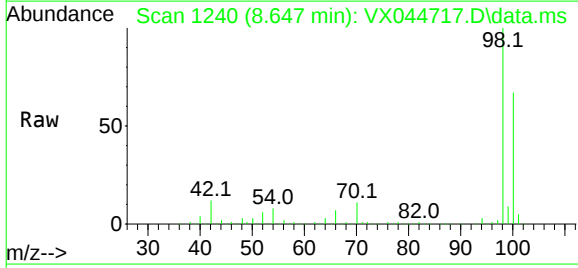




#50
Toluene-d8
Concen: 55.214 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

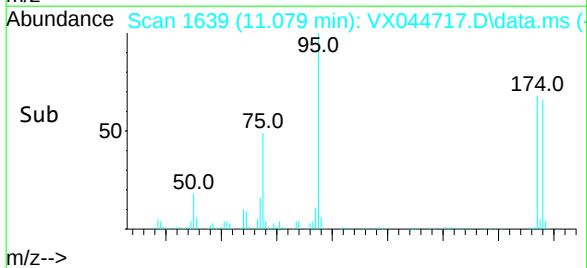
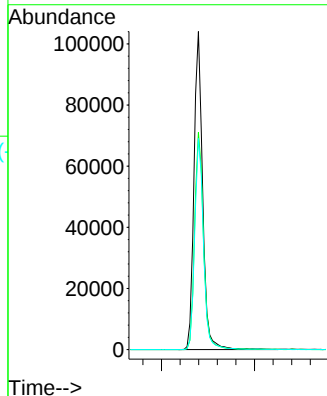
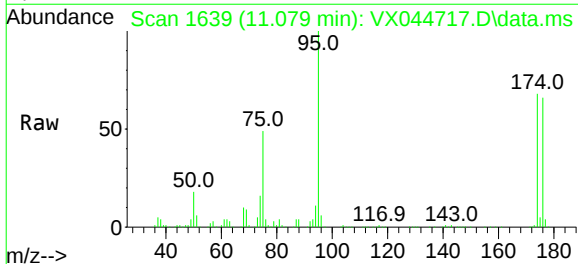
Instrument :
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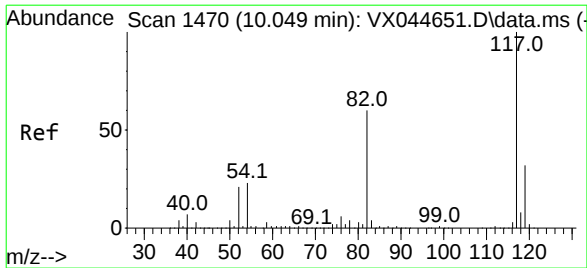
Tgt Ion: 98 Resp: 368668
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 54.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044717.D
Acq: 27 Jan 2025 12:38

Tgt Ion: 95 Resp: 135005
Ion Ratio Lower Upper
95 100
174 70.1 0.0 133.0
176 66.8 0.0 129.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VX044717.D

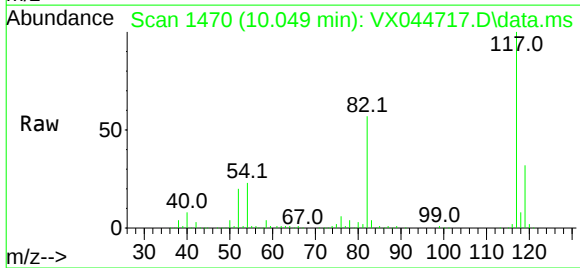
Acq: 27 Jan 2025 12:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-192-TB-20250121



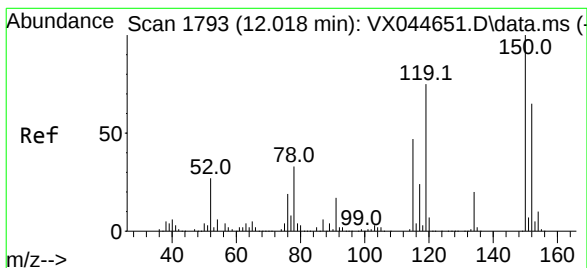
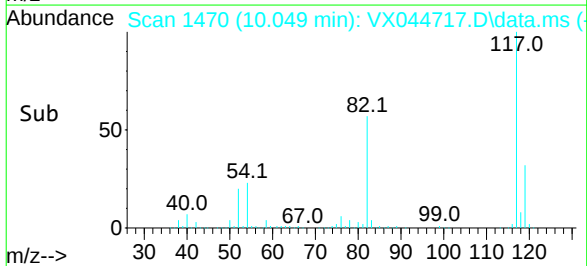
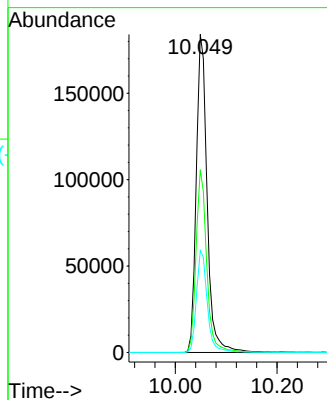
Tgt Ion:117 Resp: 272981

Ion	Ratio	Lower	Upper
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117	100		
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82	57.5	47.6	71.4
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119	32.0	25.4	38.2
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044717.D

Acq: 27 Jan 2025 12:38

Tgt Ion:152 Resp: 115657

Ion	Ratio	Lower	Upper
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152	100		
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115	62.5	43.8	131.4
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150	157.0	0.0	347.8
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