

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044719.D
 Acq On : 27 Jan 2025 13:24
 Operator : JC/MD
 Sample : Q1173-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-100-102

Quant Time: Jan 28 04:11:28 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)

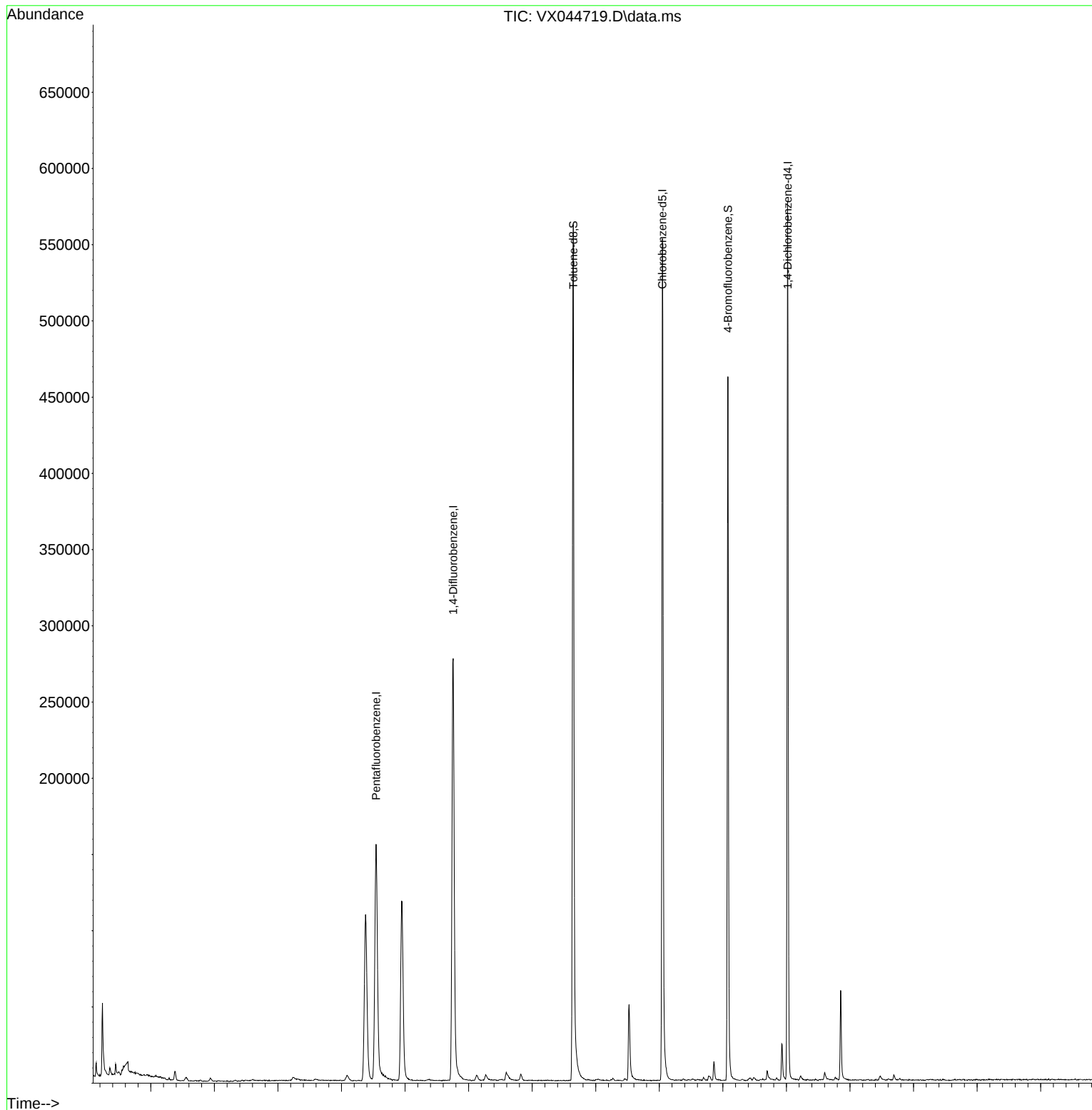
Internal Standards						
1) Pentafluorobenzene	5.544	168	156971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	304234	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	268221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	115943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	113380	47.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.700%
35) Dibromofluoromethane	5.379	113	98218	50.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	8.647	98	372179	55.227	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.460%
62) 4-Bromofluorobenzene	11.079	95	131621	52.391	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.780%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	7094	7.568	ug/l	97
30) Chloroform	5.086	83	4072	1.094	ug/l	94
44) Trichloroethene	7.135	130	1739	0.868	ug/l	74
47) Bromodichloromethane	7.818	83	3219	0.983	ug/l #	90
60) Dibromochloromethane	9.525	129	2553	1.054	ug/l	99

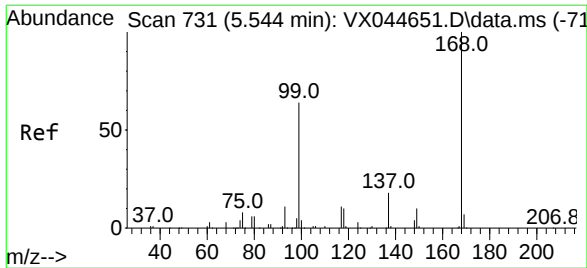
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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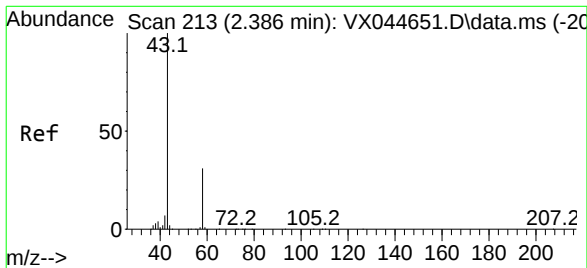
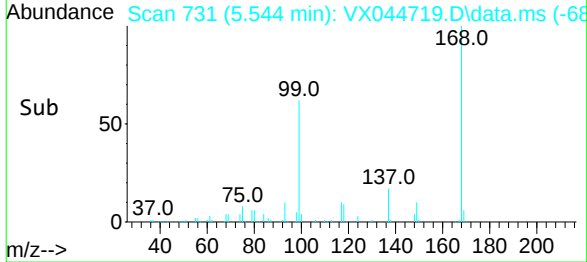
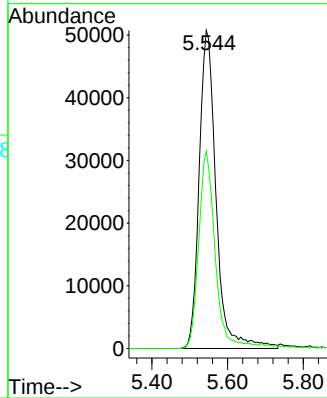
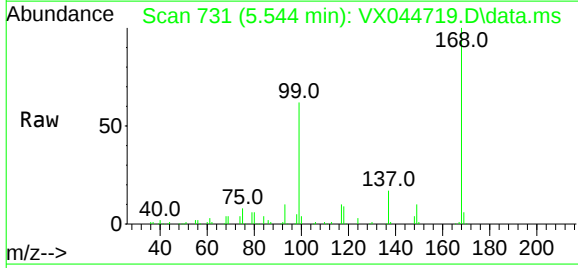




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX044719.D
Acq: 27 Jan 2025 13:24

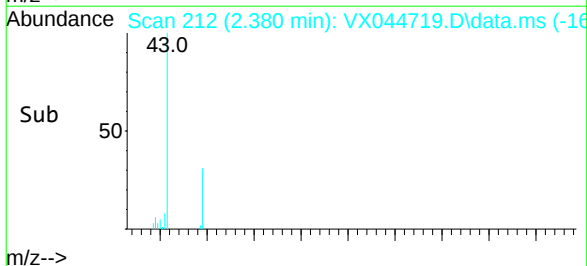
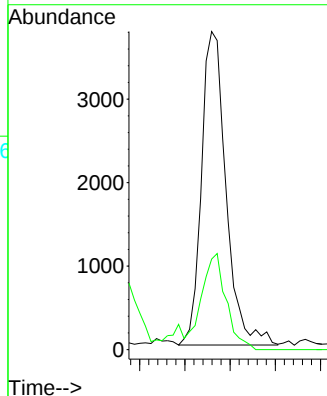
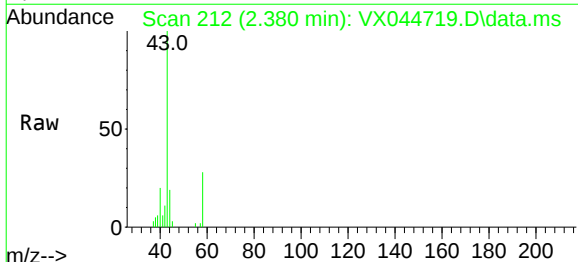
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-100-102

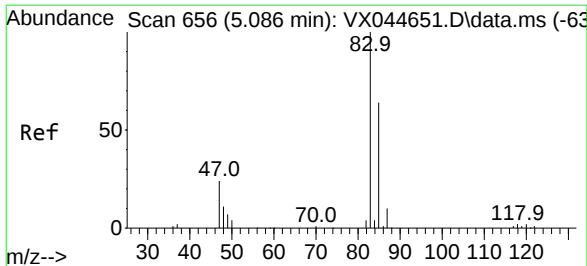
Tgt Ion: 168 Resp: 156971
Ion Ratio Lower Upper
168 100
99 62.0 51.1 76.7



#16
Acetone
Concen: 7.568 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX044719.D
Acq: 27 Jan 2025 13:24

Tgt Ion: 43 Resp: 7094
Ion Ratio Lower Upper
43 100
58 28.9 24.6 37.0





#30

Chloroform

Concen: 1.094 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044719.D

Acq: 27 Jan 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

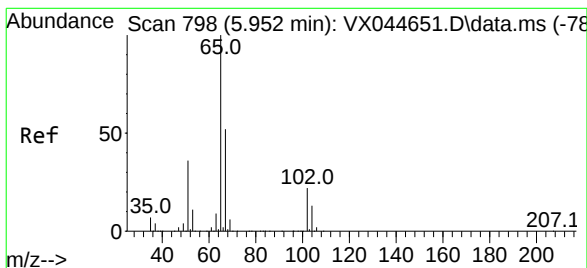
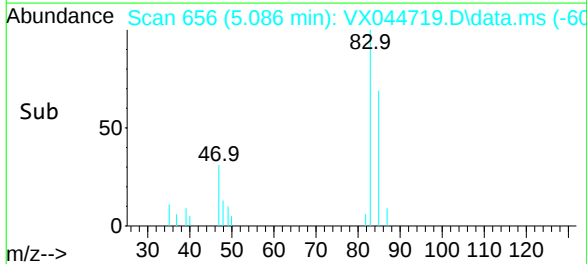
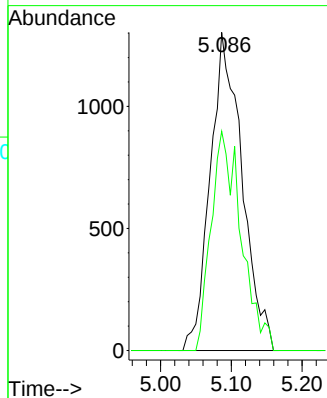
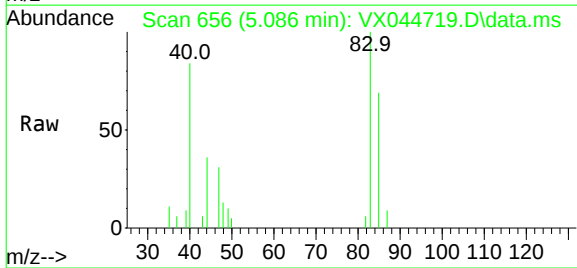
BP-VPB-192-GW-100-102

Tgt Ion: 83 Resp: 4072

Ion Ratio Lower Upper

83 100

85 68.9 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 47.853 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX044719.D

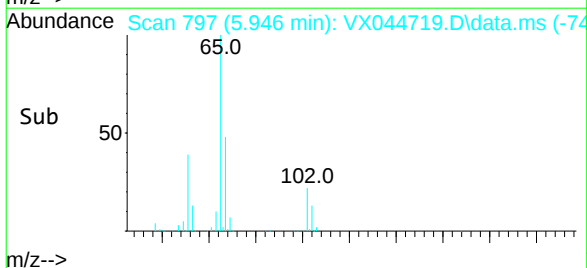
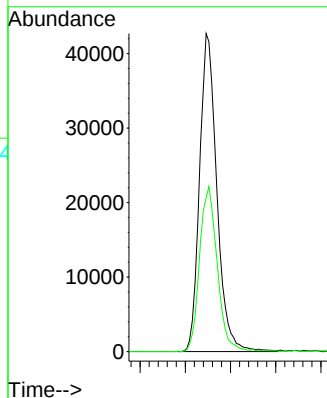
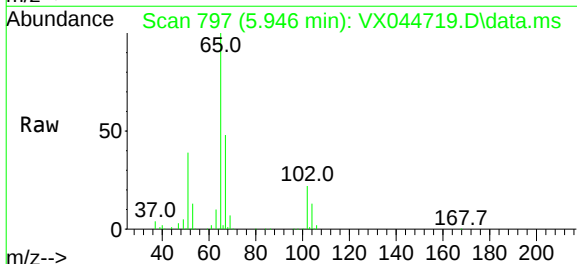
Acq: 27 Jan 2025 13:24

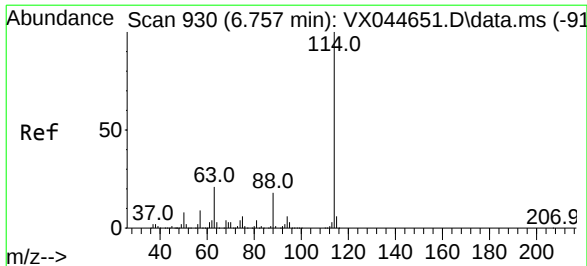
Tgt Ion: 65 Resp: 113380

Ion Ratio Lower Upper

65 100

67 53.0 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: VX044719.D

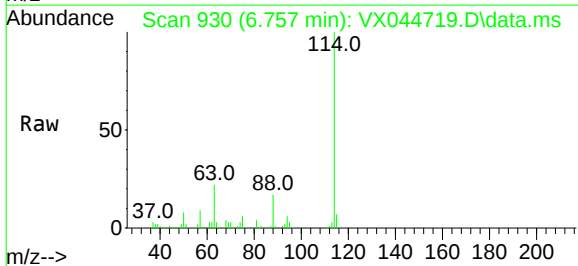
Acq: 27 Jan 2025 13:24

Instrument :

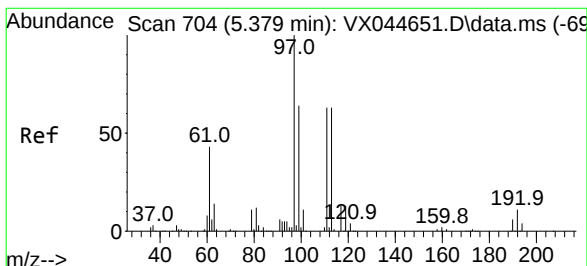
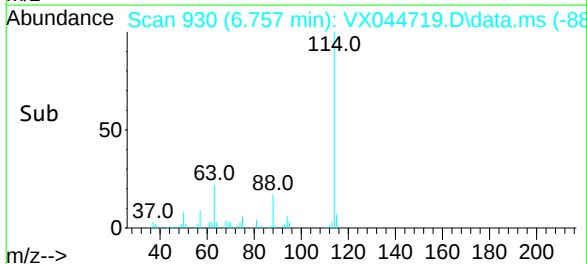
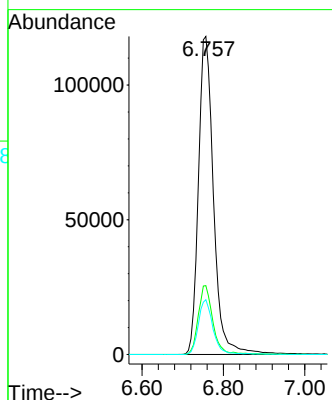
MSVOA_X

ClientSampleId :

BP-VPB-192-GW-100-102



Tgt Ion:	114	Resp:	304234
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	43.0
88	17.2	0.0	35.4



#35

Dibromofluoromethane

Concen: 50.818 ug/l

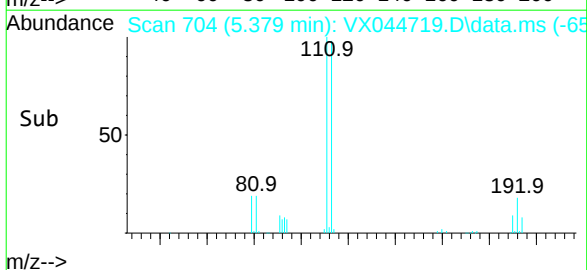
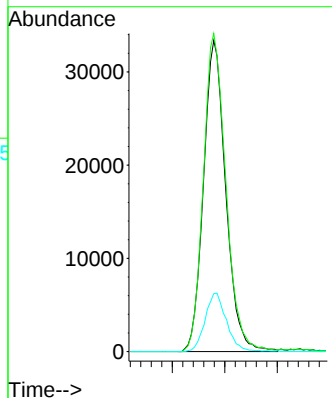
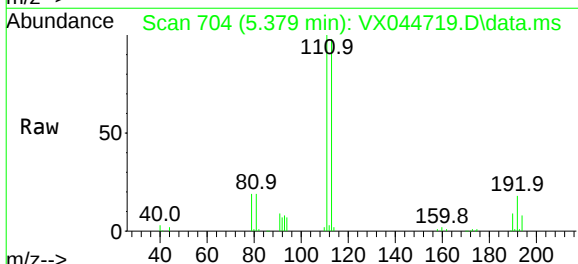
RT: 5.379 min Scan# 704

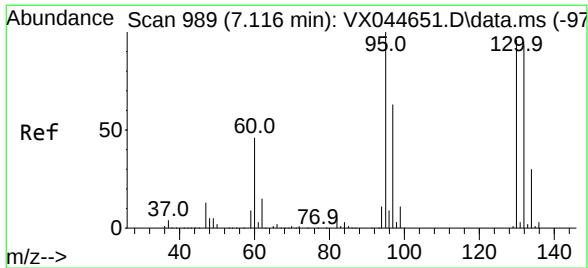
Delta R.T. 0.000 min

Lab File: VX044719.D

Acq: 27 Jan 2025 13:24

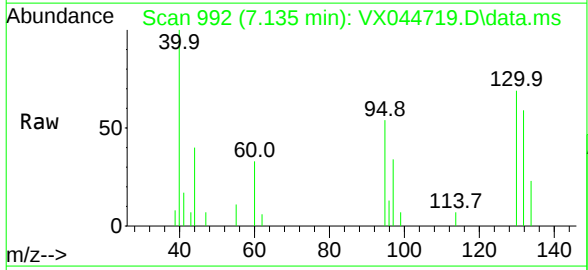
Tgt Ion:	113	Resp:	98218
Ion Ratio	Lower	Upper	
113	100		
111	103.4	81.6	122.4
192	18.2	14.4	21.6



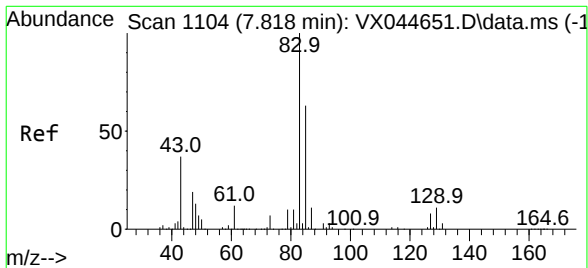
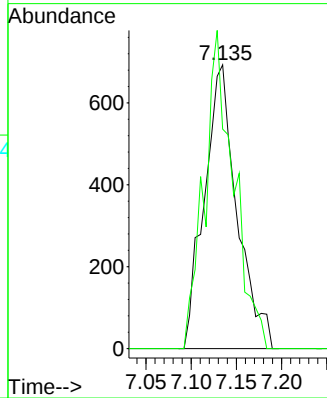
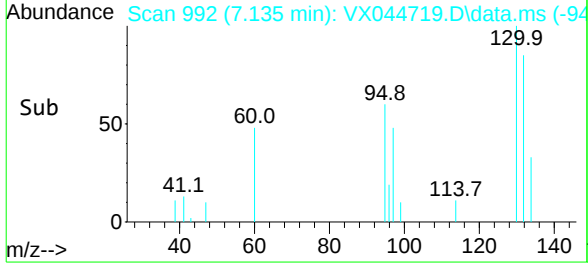


#44
Trichloroethene
Concen: 0.868 ug/l
RT: 7.135 min Scan# 99
Delta R.T. 0.018 min
Lab File: VX044719.D
Acq: 27 Jan 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-192-GW-100-102

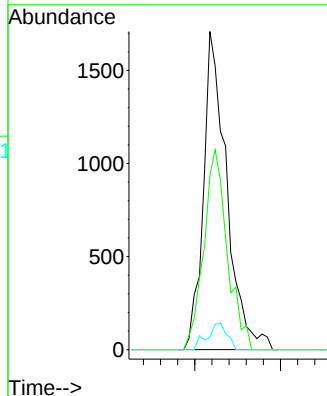
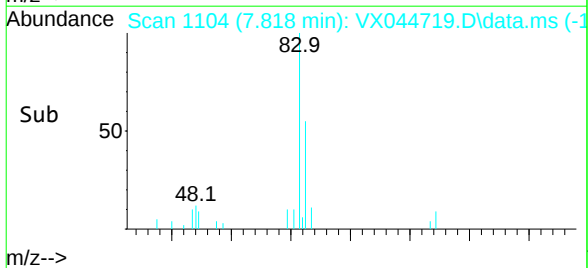
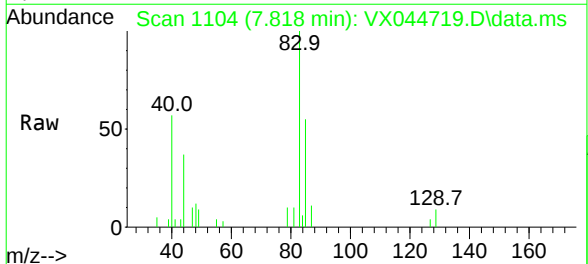


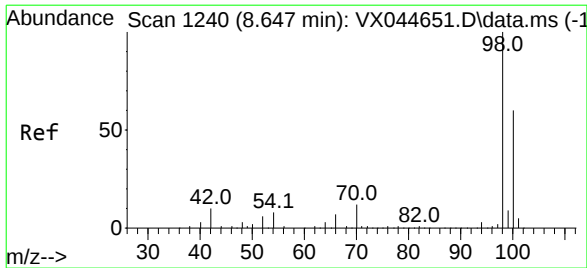
Tgt Ion:130 Resp: 1739
Ion Ratio Lower Upper
130 100
95 77.3 0.0 208.2



#47
Bromodichloromethane
Concen: 0.983 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044719.D
Acq: 27 Jan 2025 13:24

Tgt Ion: 83 Resp: 3219
Ion Ratio Lower Upper
83 100
85 54.7 50.1 75.1
127 3.9 6.5 9.7#





#50

Toluene-d8

Concen: 55.227 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX044719.D

Acq: 27 Jan 2025 13:24

Instrument :

MSVOA_X

ClientSampleId :

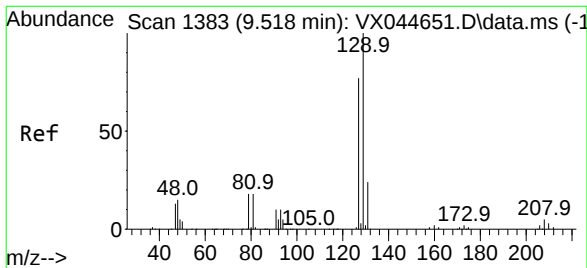
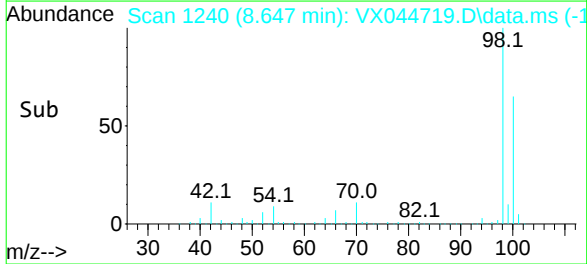
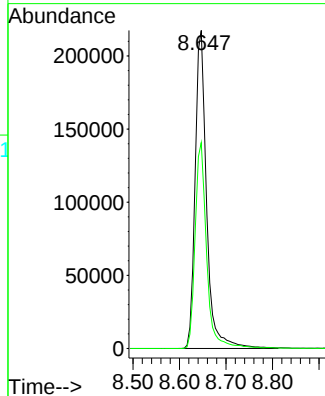
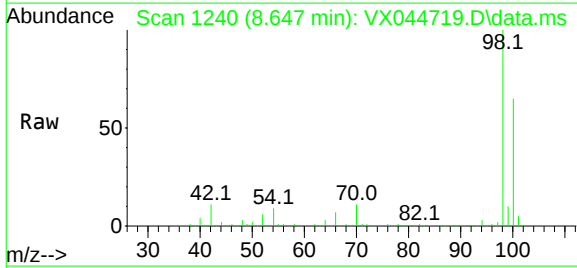
BP-VPB-192-GW-100-102

Tgt Ion: 98 Resp: 372179

Ion Ratio Lower Upper

98 100

100 65.1 53.2 79.8



#60

Dibromochloromethane

Concen: 1.054 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX044719.D

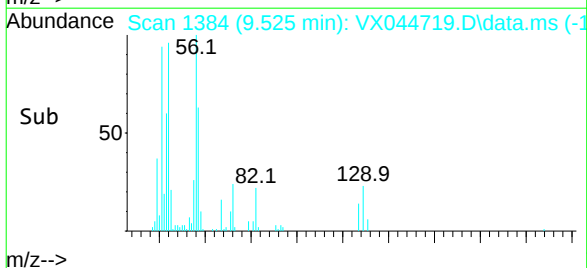
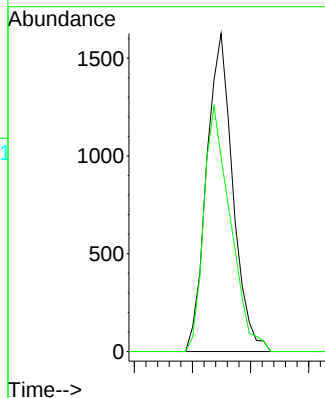
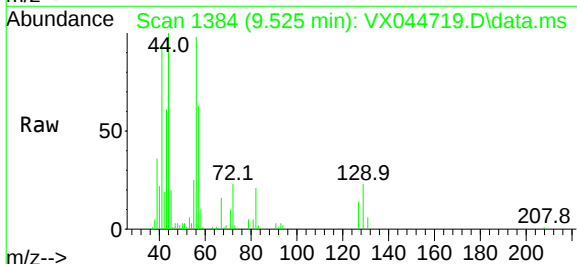
Acq: 27 Jan 2025 13:24

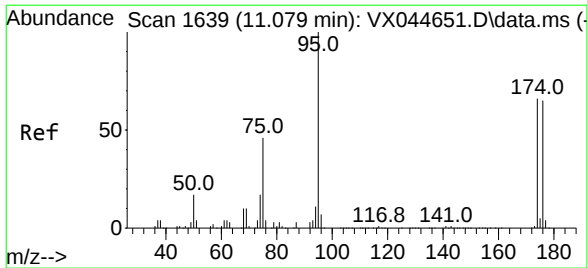
Tgt Ion: 129 Resp: 2553

Ion Ratio Lower Upper

129 100

127 78.2 38.5 115.5





#62

4-Bromofluorobenzene

Concen: 52.391 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX044719.D

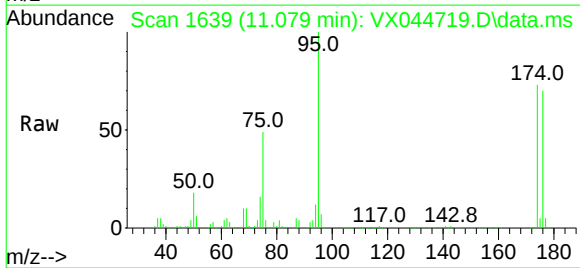
Acq: 27 Jan 2025 13:24

Instrument :

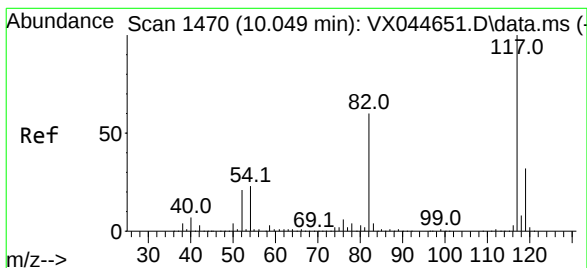
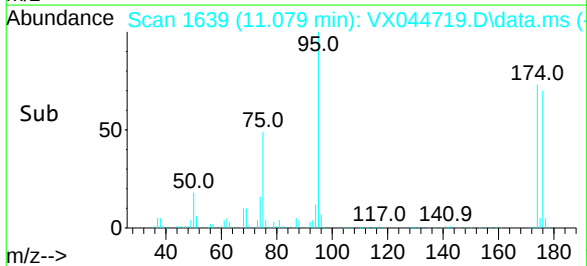
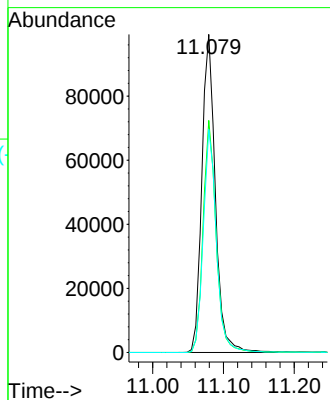
MSVOA_X

ClientSampleId :

BP-VPB-192-GW-100-102



Tgt Ion:	95	Resp:	131621
Ion Ratio	Lower	Upper	
95	100		
174	70.6	0.0	133.0
176	68.2	0.0	129.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

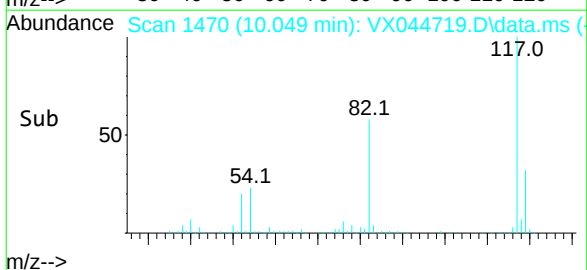
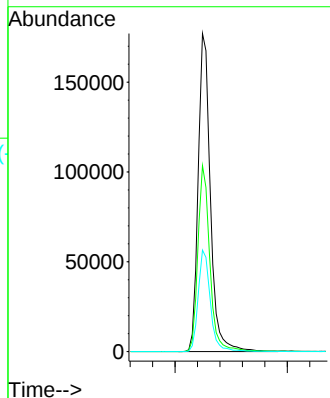
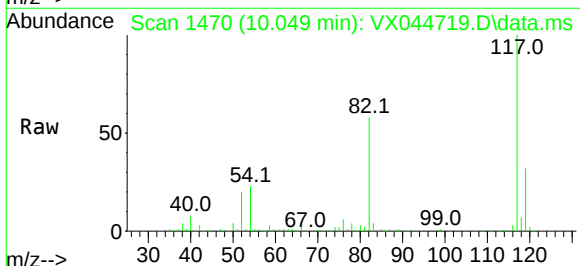
RT: 10.049 min Scan# 1470

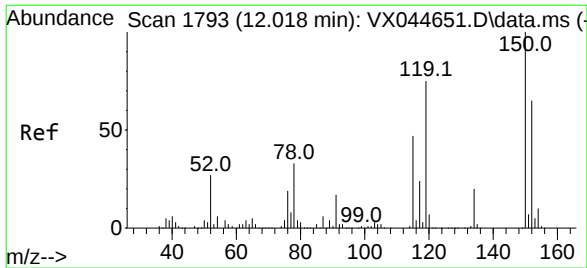
Delta R.T. 0.000 min

Lab File: VX044719.D

Acq: 27 Jan 2025 13:24

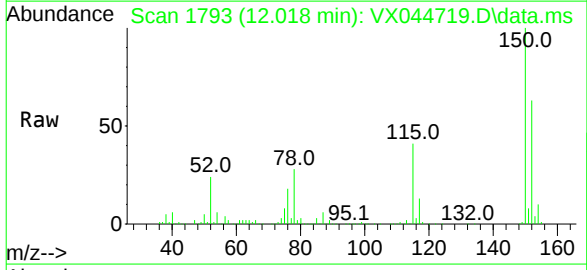
Tgt Ion:	117	Resp:	268221
Ion Ratio	Lower	Upper	
117	100		
82	58.5	47.6	71.4
119	31.9	25.4	38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VX044719.D
 Acq: 27 Jan 2025 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-100-102



Tgt Ion:	152	Resp:	115943
Ion	Ratio	Lower	Upper
152	100		
115	62.2	43.8	131.4
150	157.7	0.0	347.8

