

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042137.D
 Acq On : 02 Jul 2024 14:11
 Operator : JC/MD
 Sample : P3143-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-718-720

Quant Time: Jul 03 03:33:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

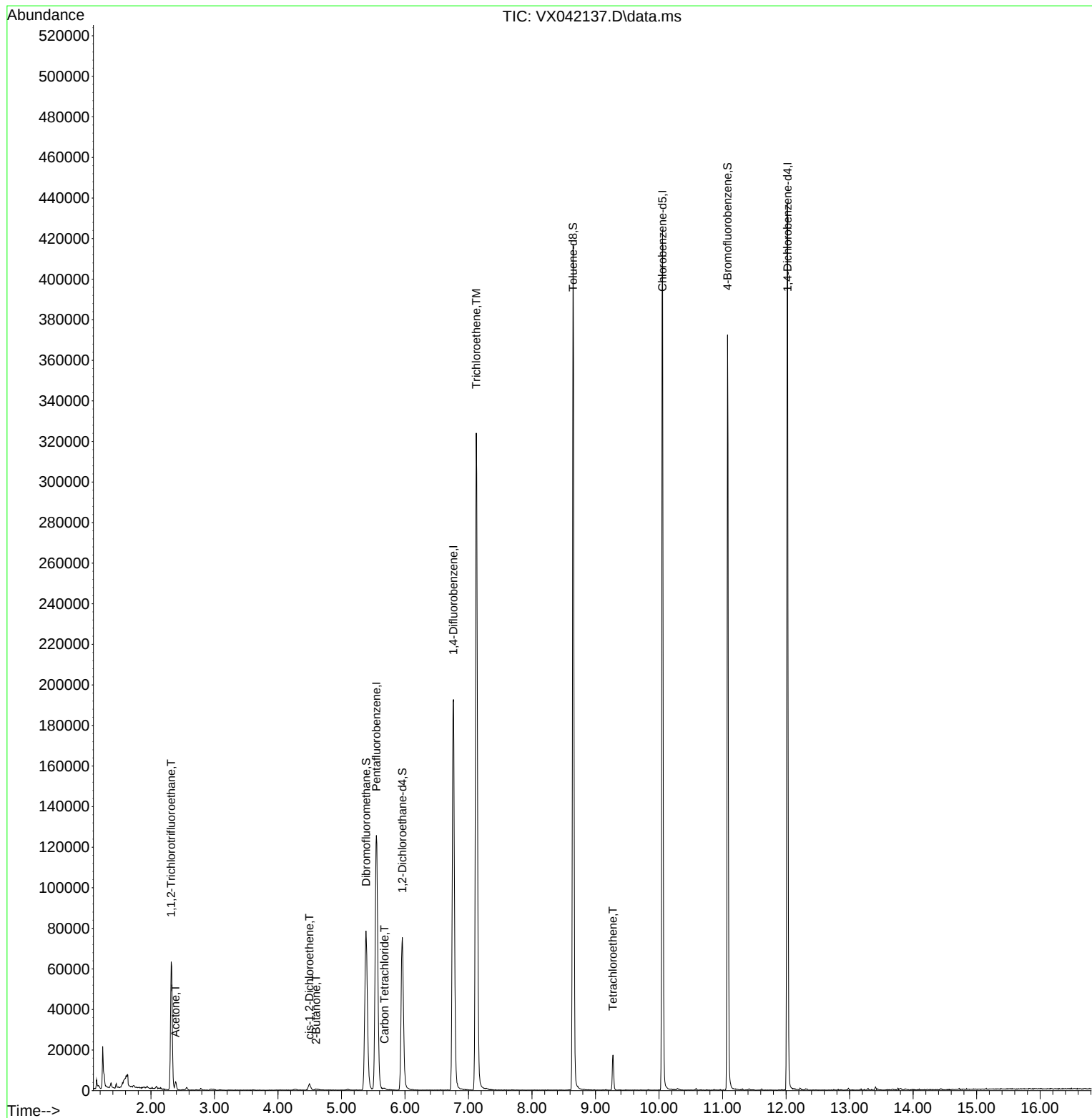
Internal Standards						
1) Pentafluorobenzene	5.550	168	144334	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	221203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72574	43.605	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.200%
35) Dibromofluoromethane	5.385	113	69758	44.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.647	98	254830	46.216	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	95927	47.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	24457	19.597	ug/l	# 85
16) Acetone	2.386	43	4360	5.966	ug/l	# 88
25) 2-Butanone	4.599	43	1692	1.488	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	2016	1.274	ug/l	83
38) Carbon Tetrachloride	5.678	117	754	0.409	ug/l	97
44) Trichloroethene	7.123	130	141906	94.179	ug/l	85
64) Tetrachloroethene	9.275	164	3673	2.341	ug/l	91

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

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ClientSampleId :
BP-VPB-189-GW-718-720

Quant Time: Jul 03 03:33:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

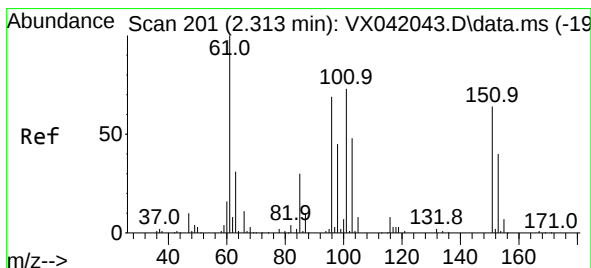
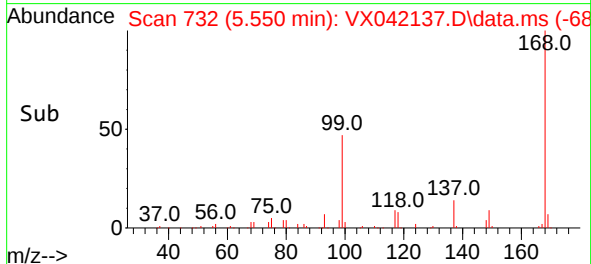
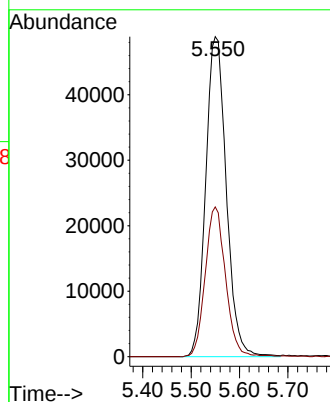
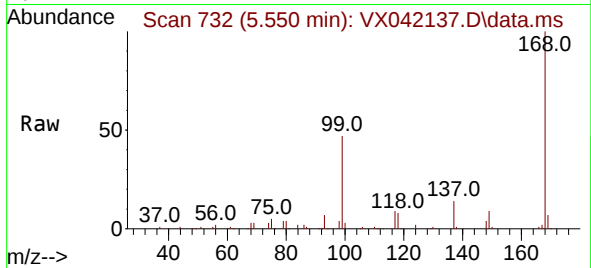




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

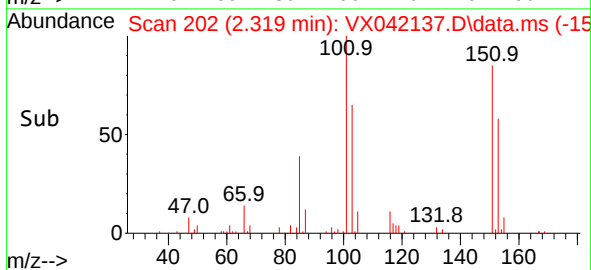
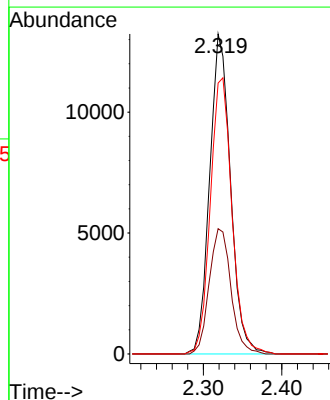
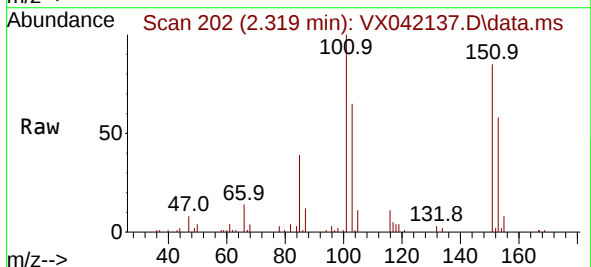
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-718-720

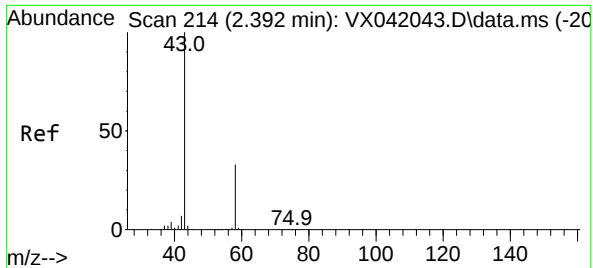
Tgt Ion:168 Resp: 144334
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.597 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion:101 Resp: 24457
Ion Ratio Lower Upper
101 100
85 40.7 37.0 55.6
151 89.3 58.6 87.8#

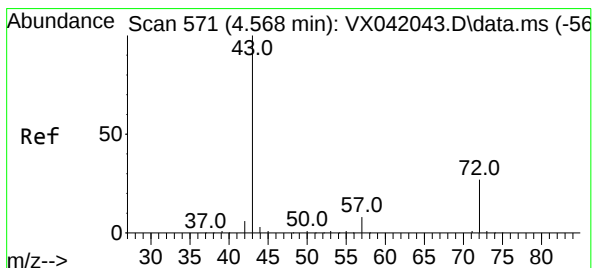
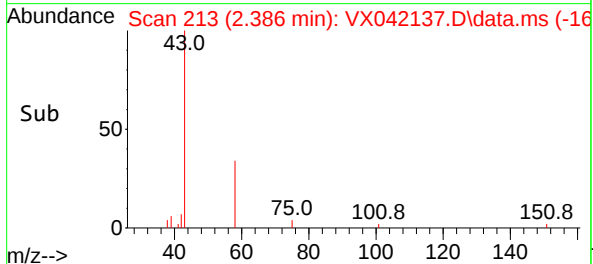
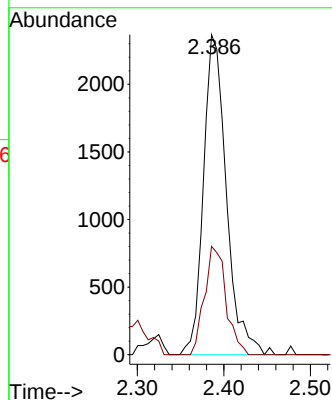
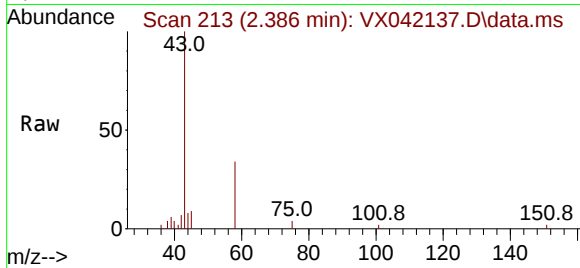




#16
Acetone
Concen: 5.966 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

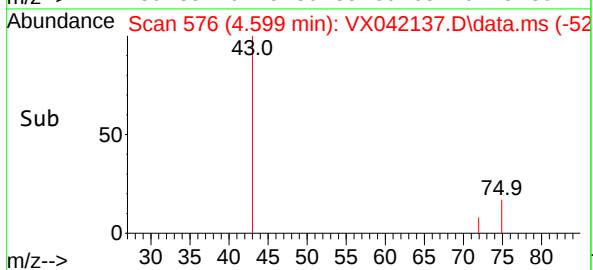
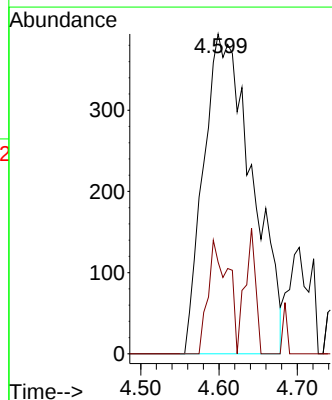
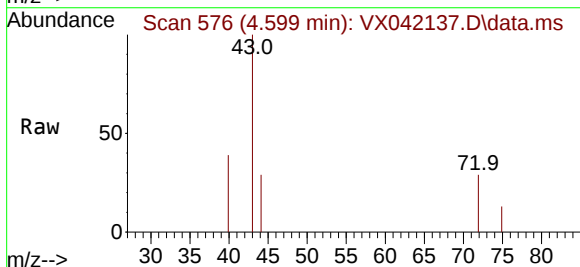
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-718-720

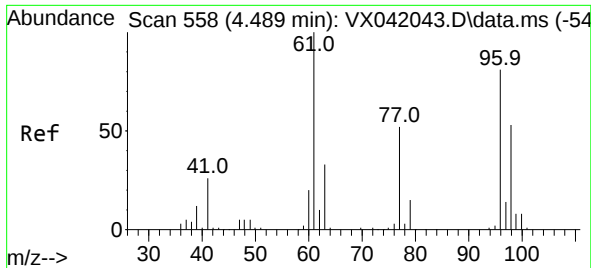
Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#



#25
2-Butanone
Concen: 1.488 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.025 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2





#27

cis-1,2-Dichloroethene

Concen: 1.274 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX042137.D

Acq: 02 Jul 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-718-720

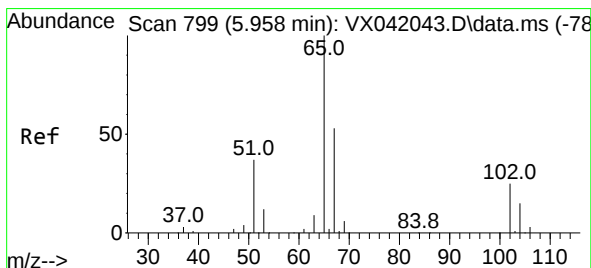
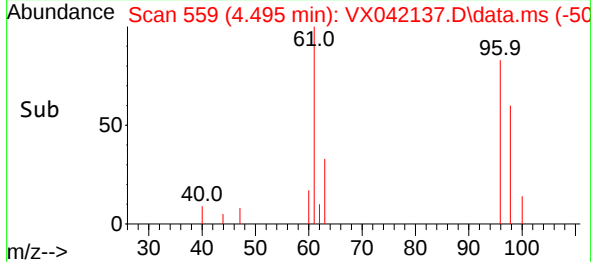
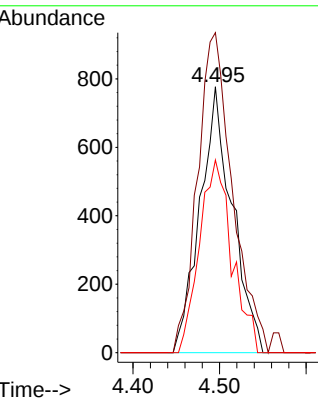
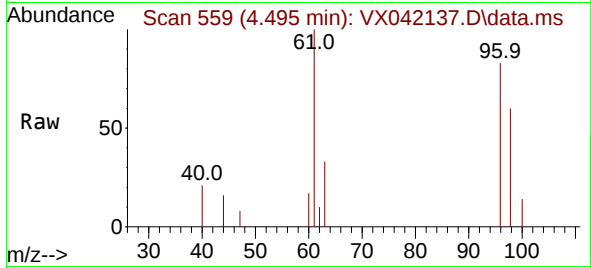
Tgt Ion: 96 Resp: 2016

Ion Ratio Lower Upper

96 100

61 129.8 0.0 312.2

98 72.8 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 43.605 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042137.D

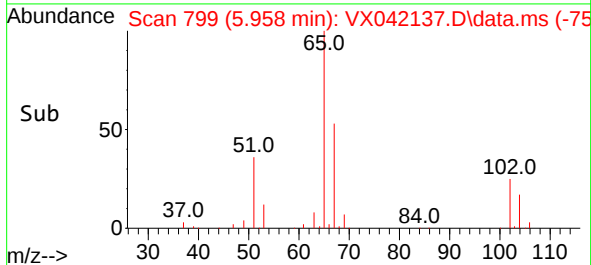
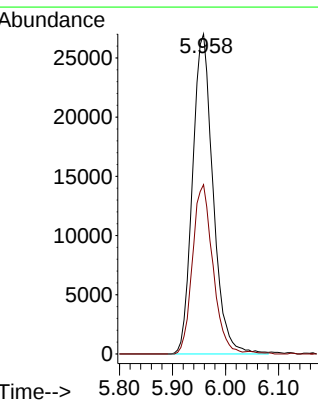
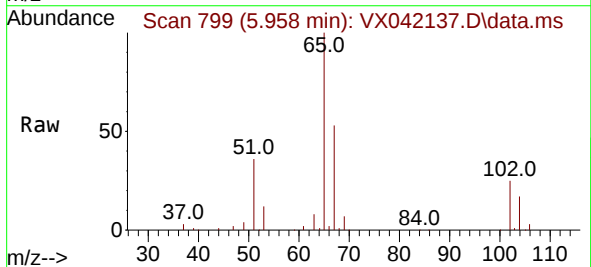
Acq: 02 Jul 2024 14:11

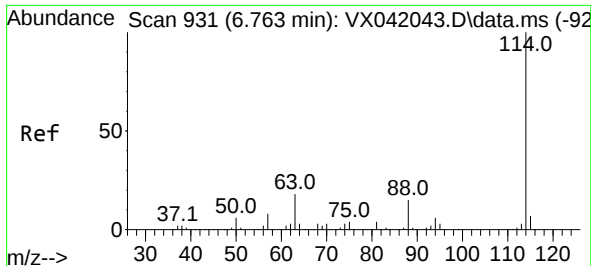
Tgt Ion: 65 Resp: 72574

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2

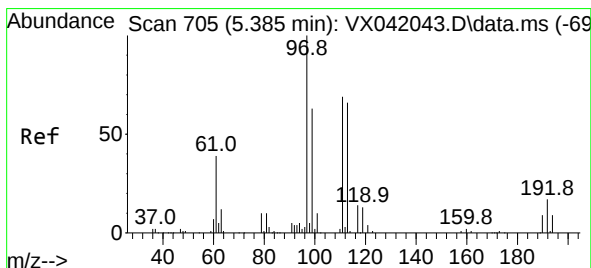
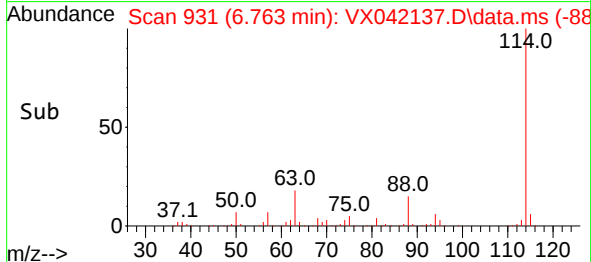
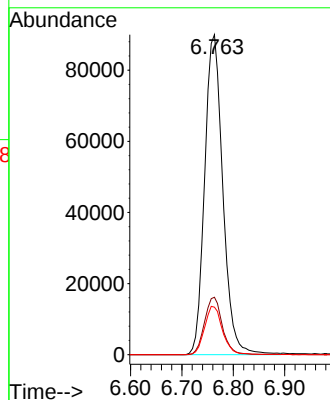
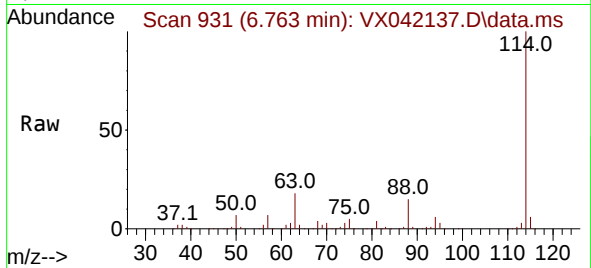




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

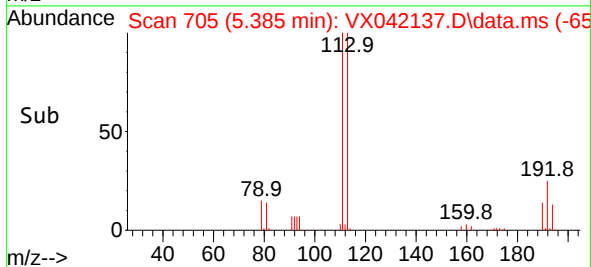
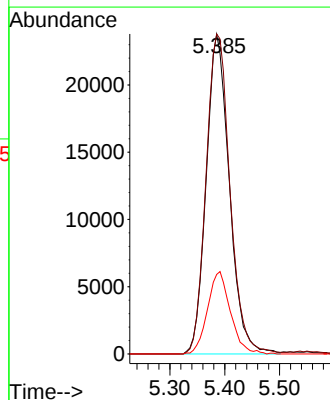
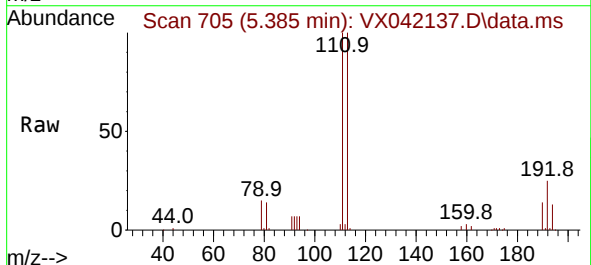
Instrument :
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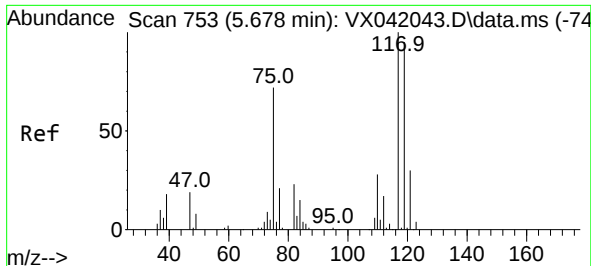
Tgt Ion:114 Resp: 221203
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.445 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

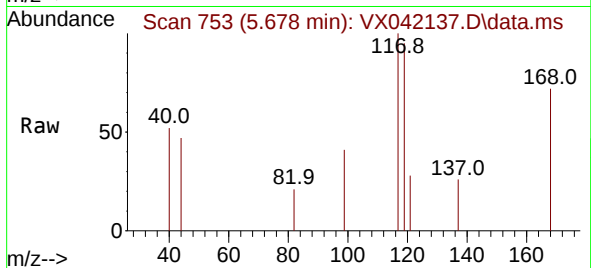
Tgt Ion:113 Resp: 69758
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 25.4 13.3 19.9#



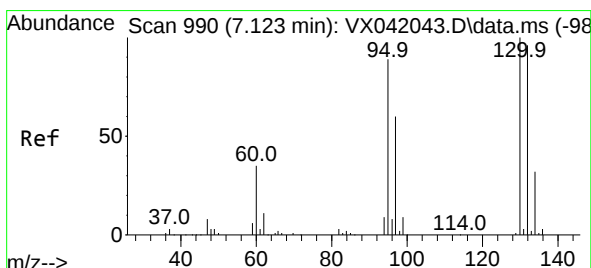
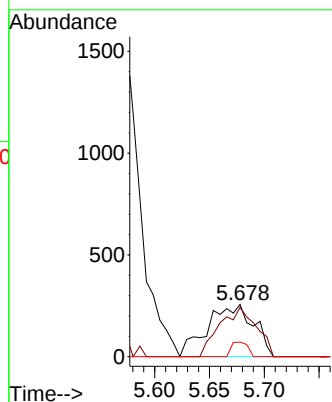
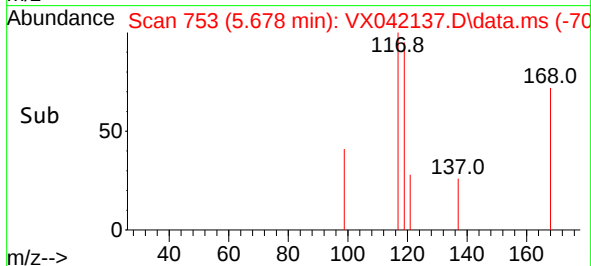


#38
Carbon Tetrachloride
Concen: 0.409 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-718-720

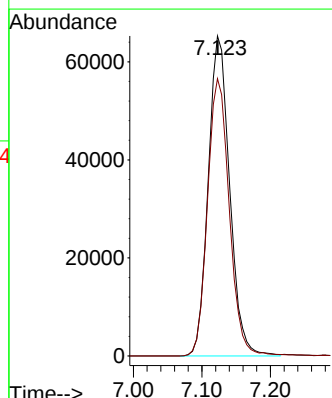
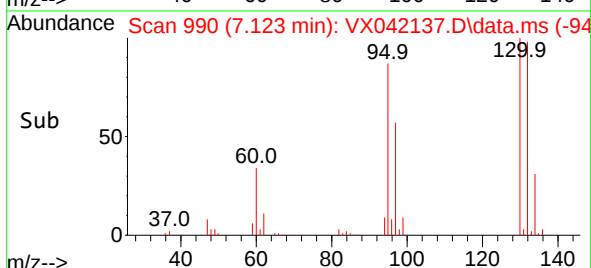
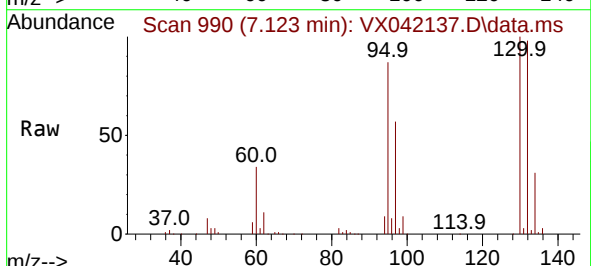


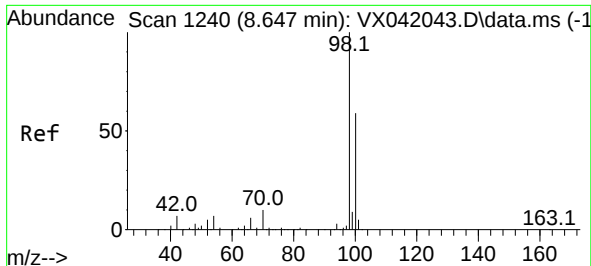
Tgt Ion:117 Resp: 754
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 28.1 24.4 36.6



#44
Trichloroethene
Concen: 94.179 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion:130 Resp: 141906
Ion Ratio Lower Upper
130 100
95 86.6 0.0 204.4

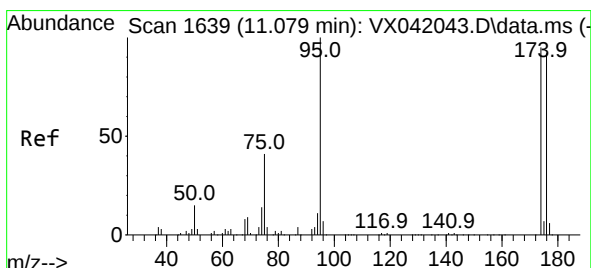
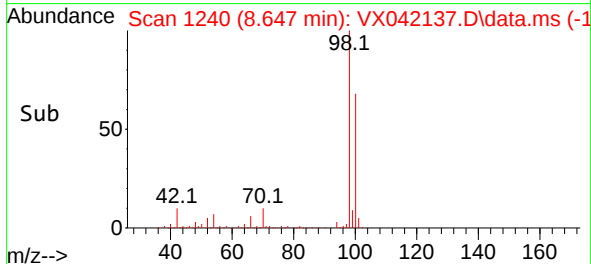
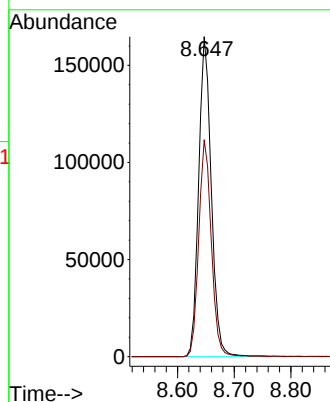
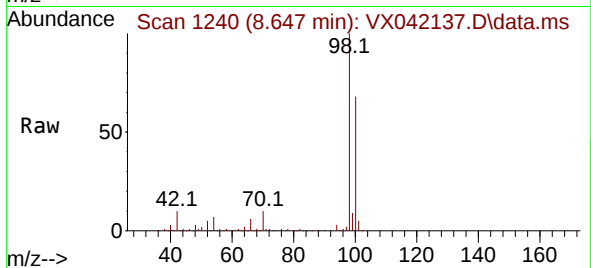




#50
Toluene-d8
Concen: 46.216 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

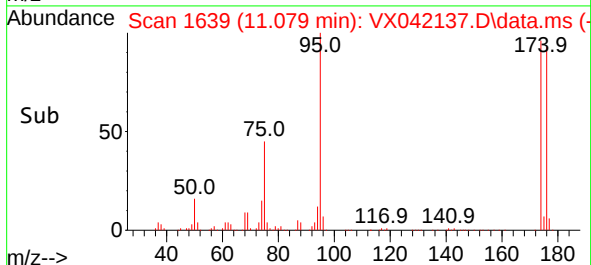
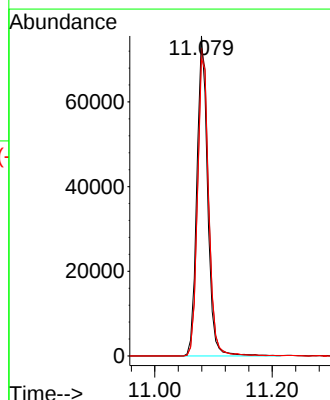
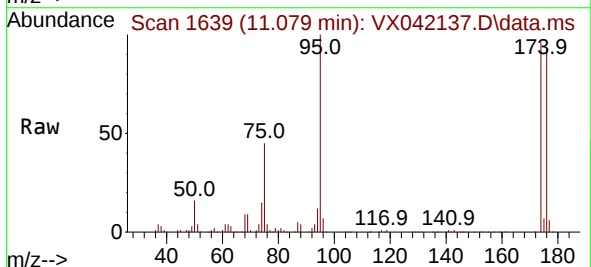
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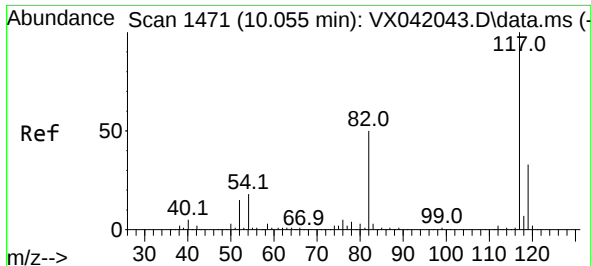
Tgt Ion: 98 Resp: 254830
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 95 Resp: 95927
Ion Ratio Lower Upper
95 100
174 99.3 0.0 135.6
176 97.6 0.0 131.0

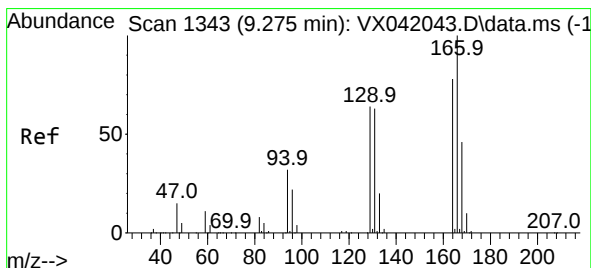
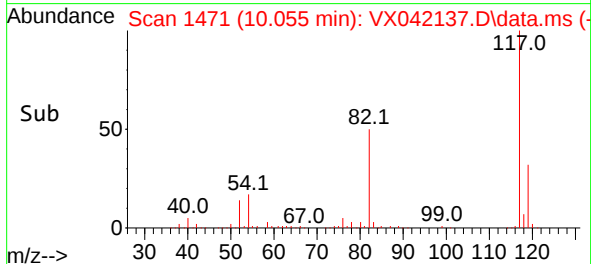
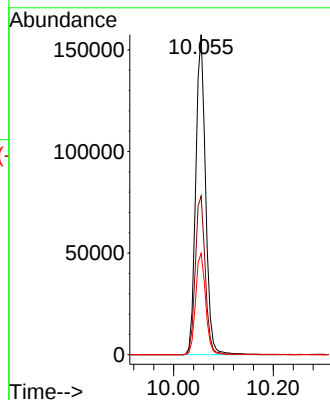
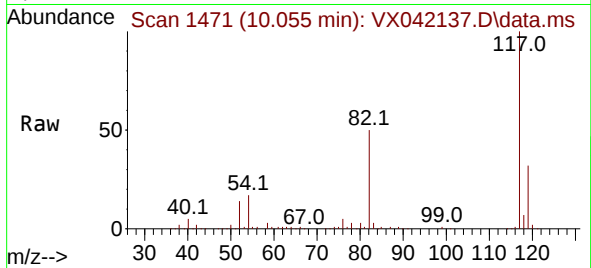




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

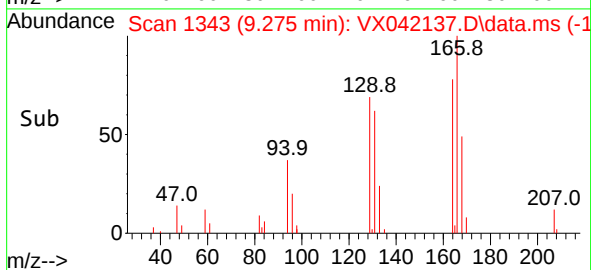
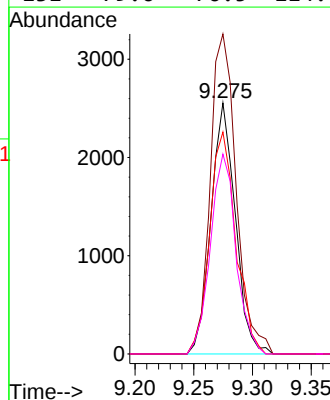
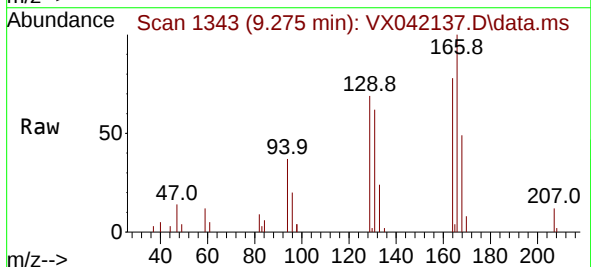
Instrument :
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ClientSampleId :
BP-VPB-189-GW-718-720

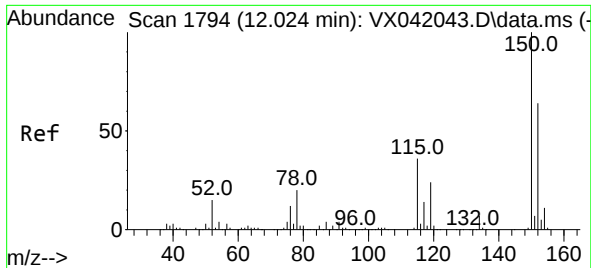
Tgt Ion:117 Resp: 215485
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 2.341 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

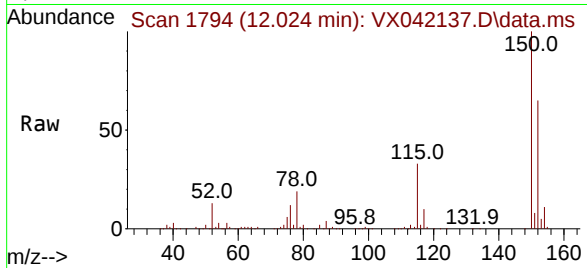
Tgt Ion:164 Resp: 3673
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 88.4 80.4 120.6
131 79.6 76.5 114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042137.D
 Acq: 02 Jul 2024 14:11

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-718-720



Tgt Ion:152 Resp: 109189
 Ion Ratio Lower Upper
 152 100
 115 52.7 43.3 129.9
 150 153.7 0.0 345.0

