

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045356.D
 Acq On : 20 Mar 2025 13:17
 Operator : JC/MD
 Sample : Q1559-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20250310

Quant Time: Mar 21 05:35:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

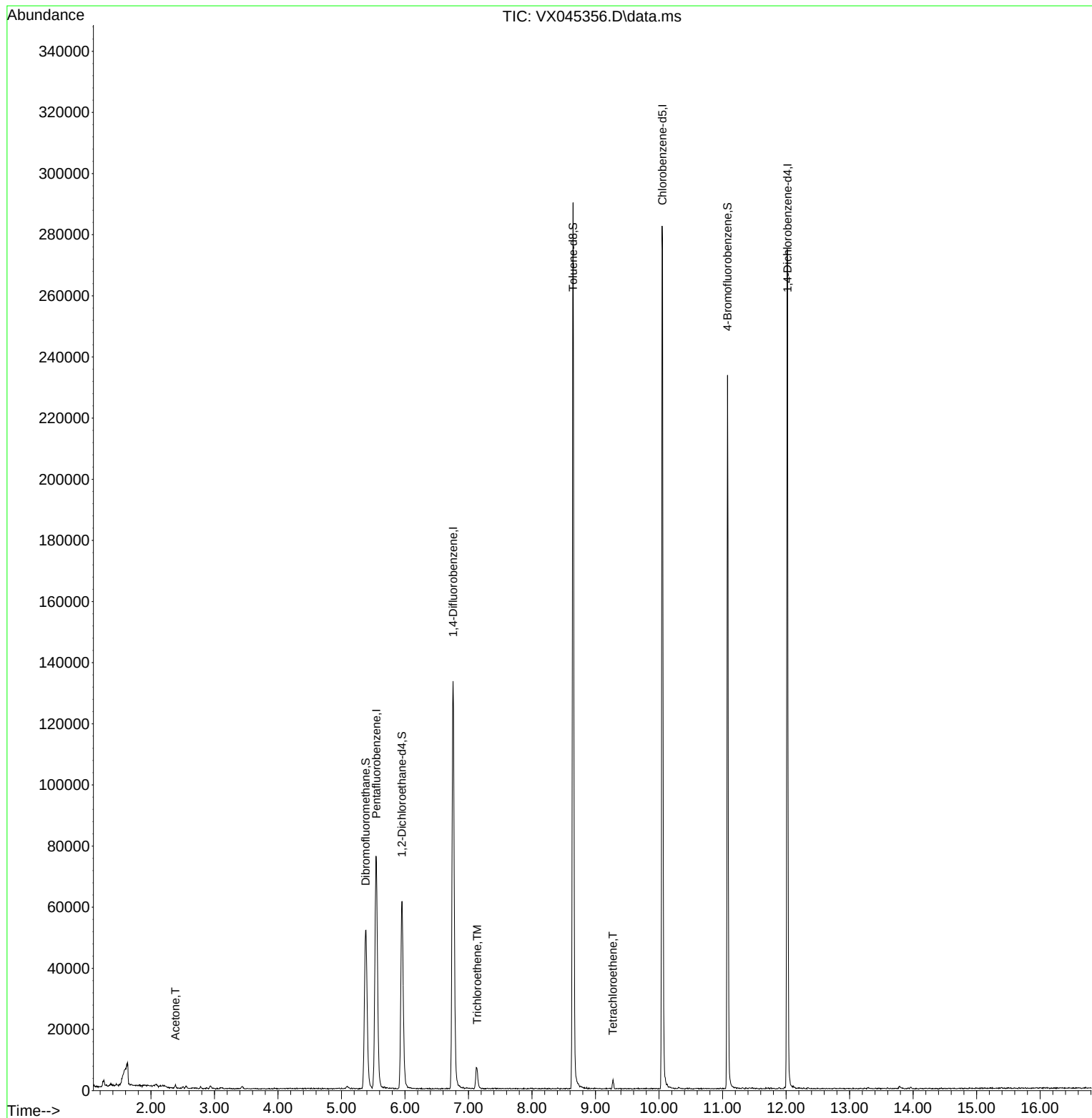
Internal Standards						
1) Pentafluorobenzene	5.549	168	67663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60070	55.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.620%
35) Dibromofluoromethane	5.379	113	47034	53.024	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.040%
50) Toluene-d8	8.646	98	165862	51.577	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.160%
62) 4-Bromofluorobenzene	11.079	95	58691	55.077	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.160%
Target Compounds						Qvalue
16) Acetone	2.385	43	857	1.716	ug/l	# 81
44) Trichloroethene	7.134	130	2970	3.293	ug/l	64
64) Tetrachloroethene	9.274	164	390	0.500	ug/l	88

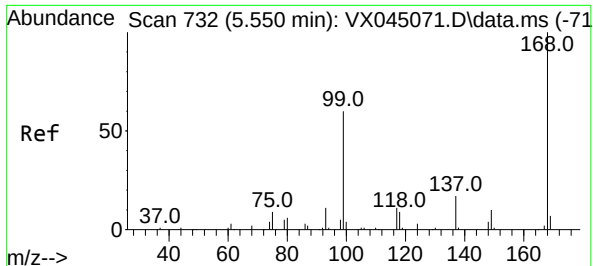
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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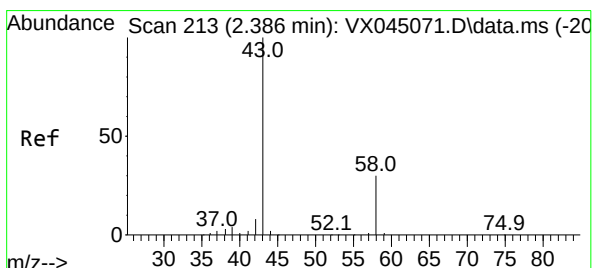
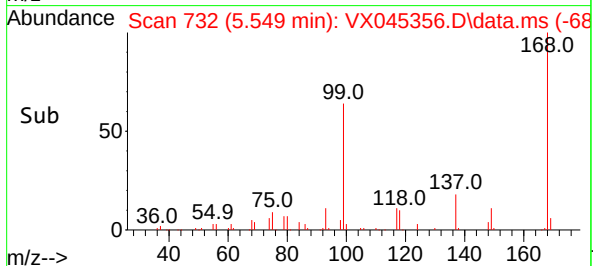
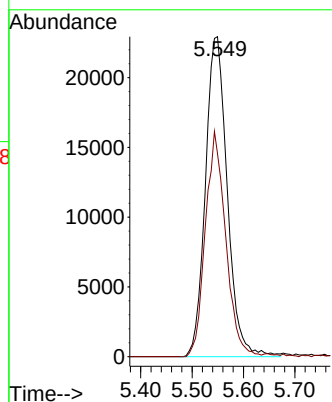
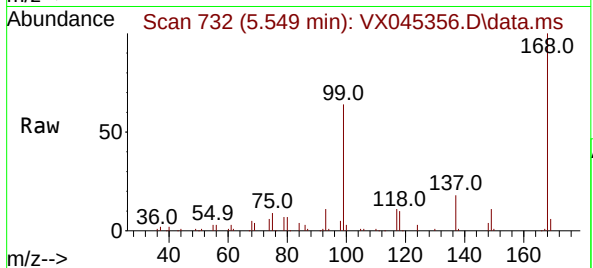




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045356.D
Acq: 20 Mar 2025 13:17

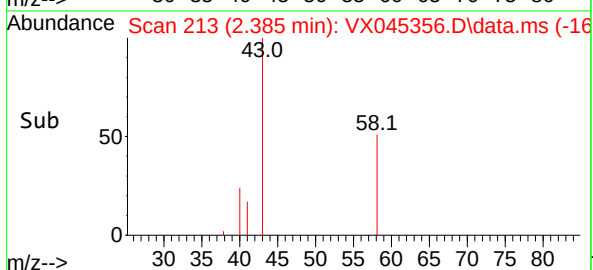
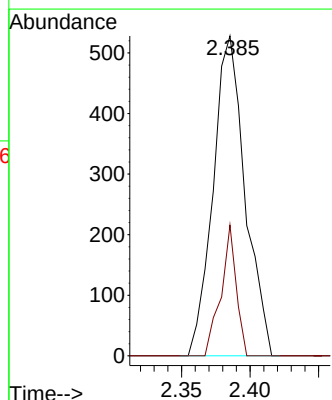
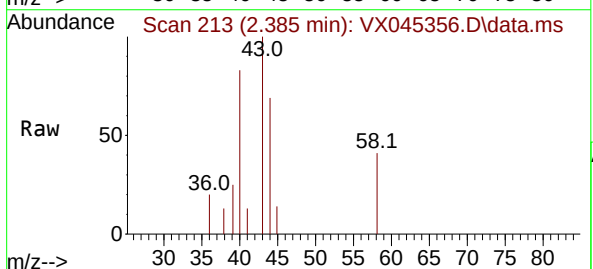
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

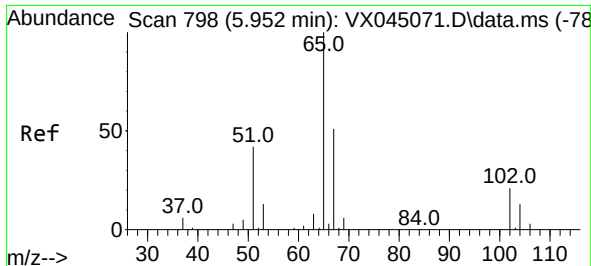
Tgt Ion:168 Resp: 67663
Ion Ratio Lower Upper
168 100
99 63.5 48.2 72.4



#16
Acetone
Concen: 1.716 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045356.D
Acq: 20 Mar 2025 13:17

Tgt Ion: 43 Resp: 857
Ion Ratio Lower Upper
43 100
58 40.9 24.2 36.4#





#33

1,2-Dichloroethane-d4

Concen: 55.813 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045356.D

Acq: 20 Mar 2025 13:17

Instrument :

MSVOA_X

ClientSampleId :

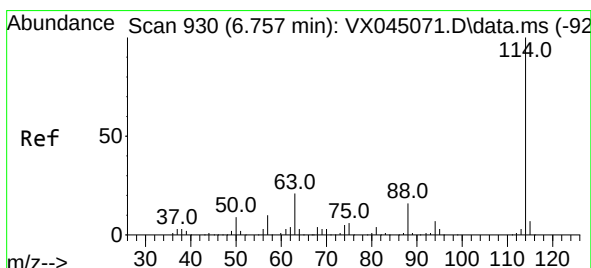
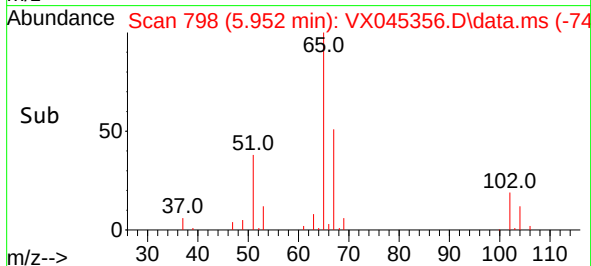
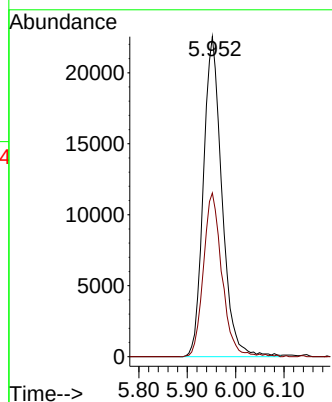
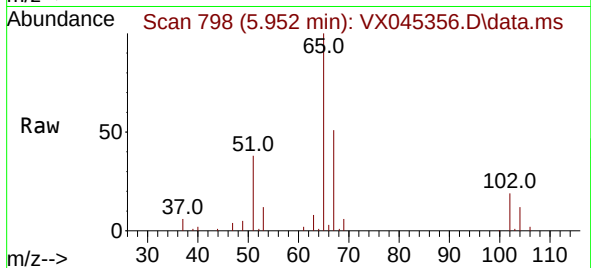
DUP02-20250310

Tgt Ion: 65 Resp: 60070

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045356.D

Acq: 20 Mar 2025 13:17

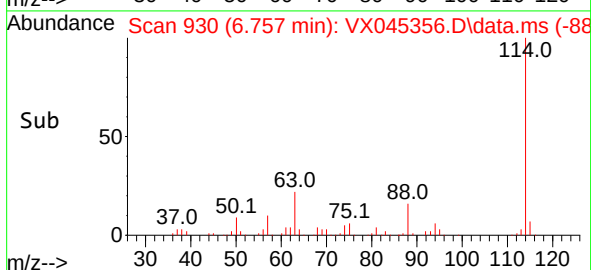
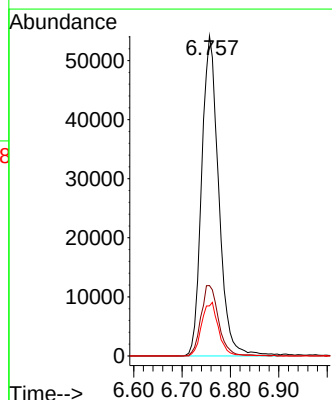
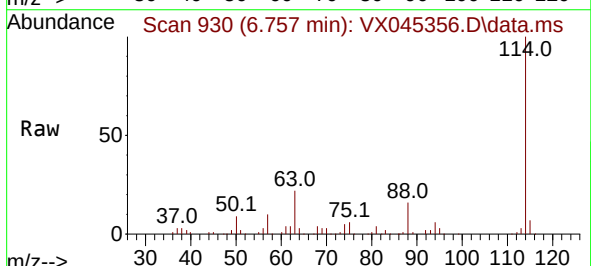
Tgt Ion: 114 Resp: 132656

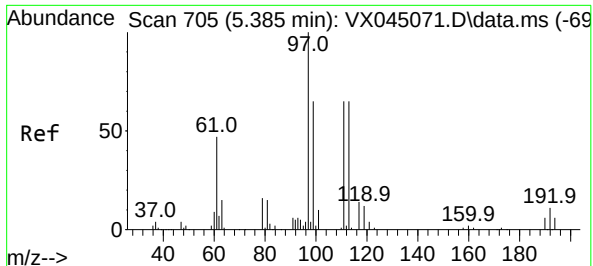
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 15.7 0.0 32.8

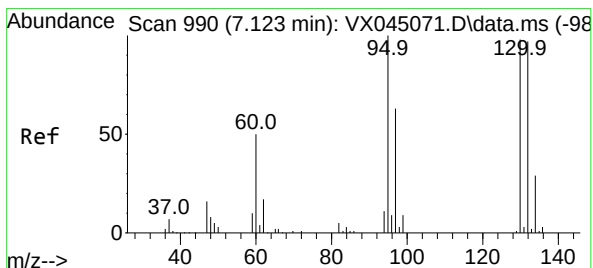
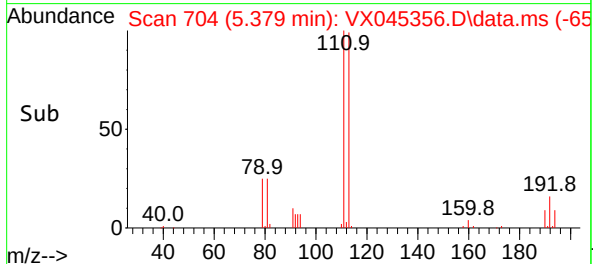
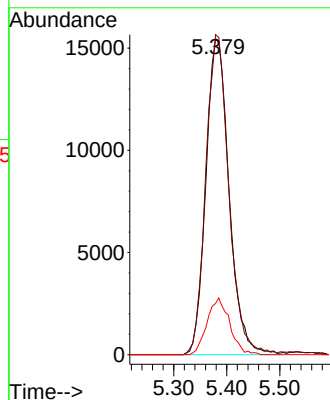
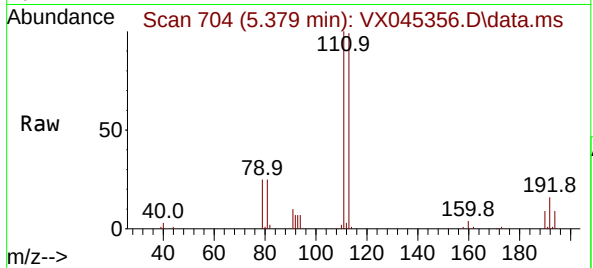




#35
Dibromofluoromethane
Concen: 53.024 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.007 min
Lab File: VX045356.D
Acq: 20 Mar 2025 13:17

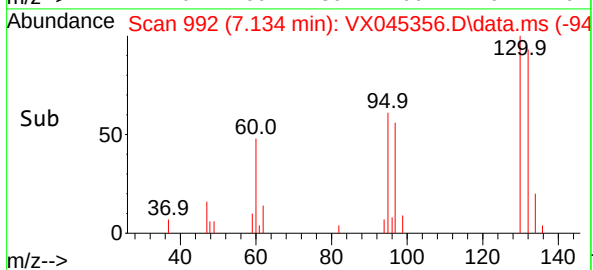
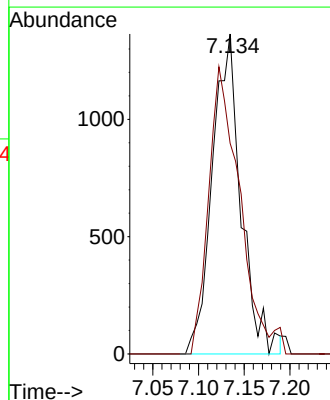
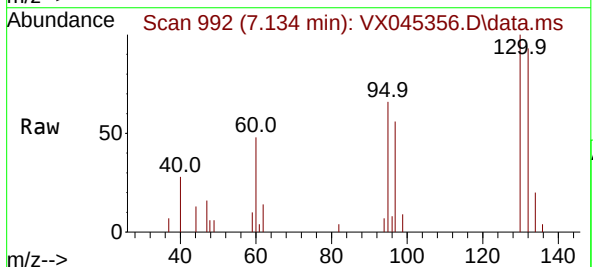
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

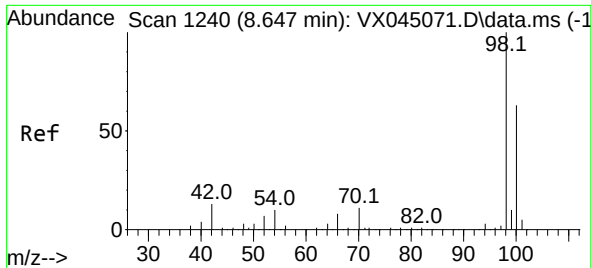
Tgt Ion:113 Resp: 47034
Ion Ratio Lower Upper
113 100
111 100.7 81.8 122.6
192 17.5 14.3 21.5



#44
Trichloroethene
Concen: 3.293 ug/l
RT: 7.134 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045356.D
Acq: 20 Mar 2025 13:17

Tgt Ion:130 Resp: 2970
Ion Ratio Lower Upper
130 100
95 65.8 0.0 205.0

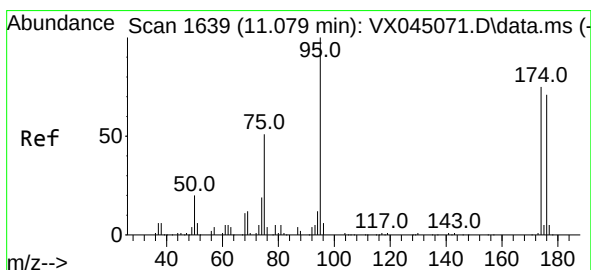
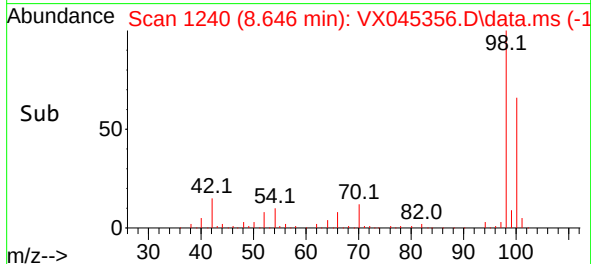
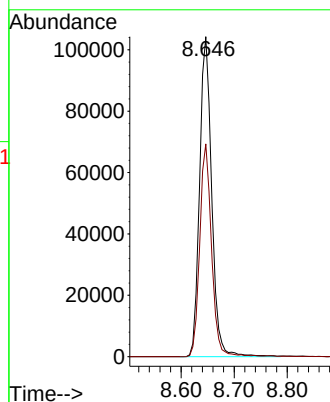
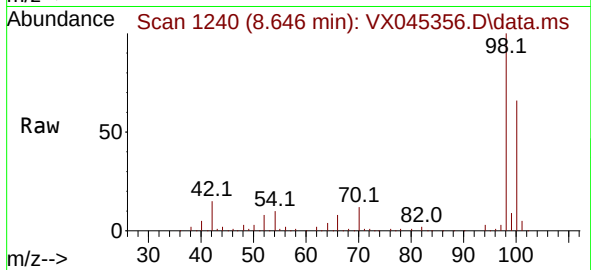




#50
Toluene-d8
Concen: 51.577 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045356.D
Acq: 20 Mar 2025 13:17

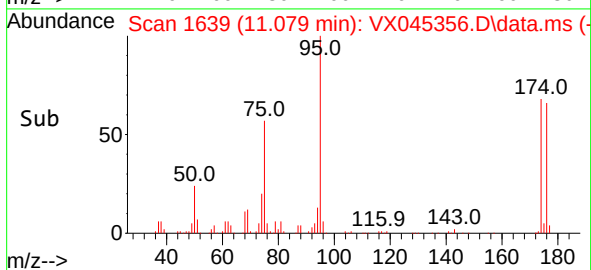
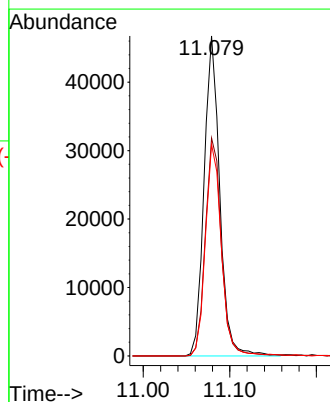
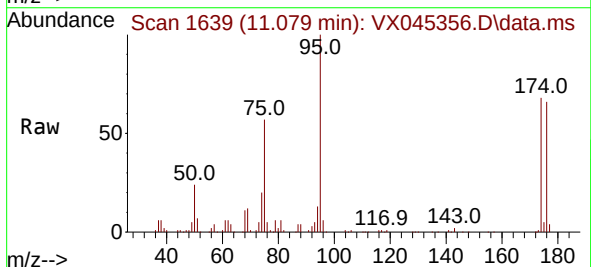
Instrument :
MSVOA_X
ClientSampleId :
DUP02-20250310

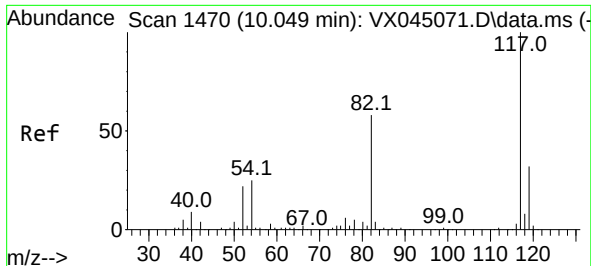
Tgt Ion: 98 Resp: 165862
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.077 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045356.D
Acq: 20 Mar 2025 13:17

Tgt Ion: 95 Resp: 58691
Ion Ratio Lower Upper
95 100
174 69.9 0.0 148.2
176 67.8 0.0 141.4

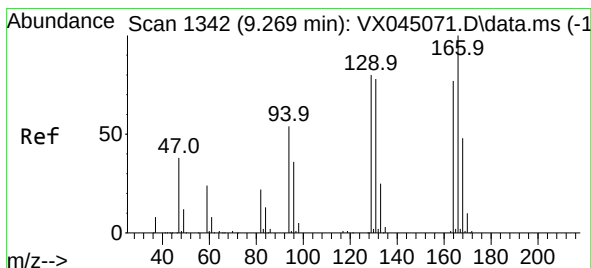
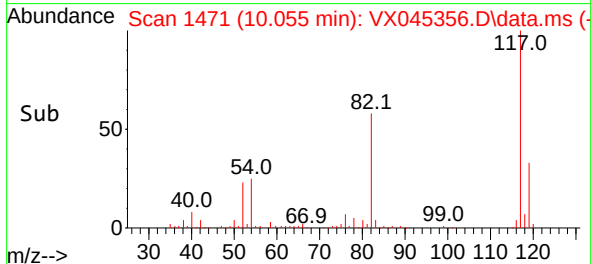
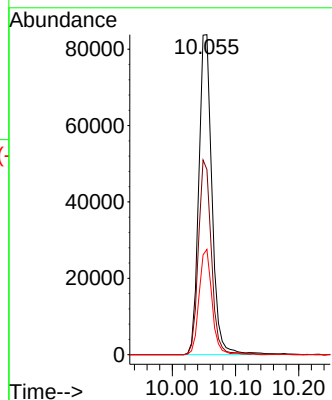
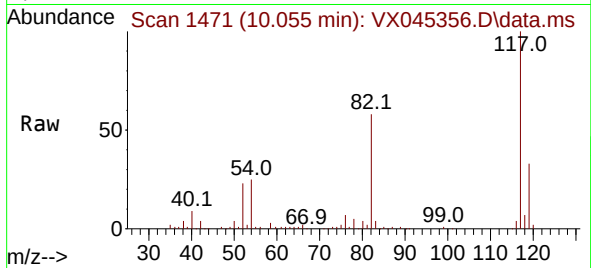




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045356.D
Acq: 20 Mar 2025 13:17

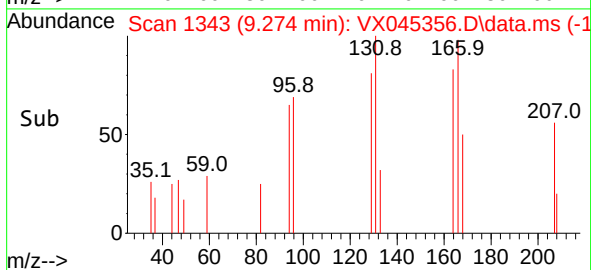
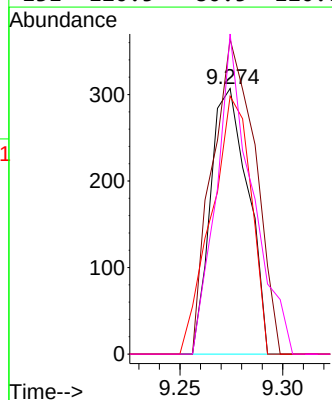
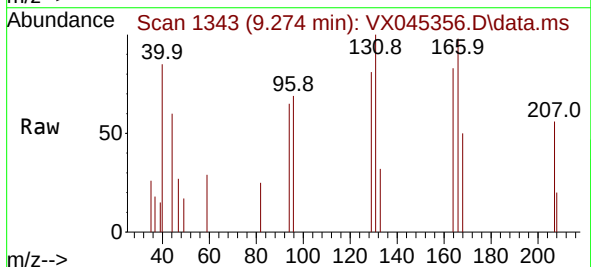
Instrument :
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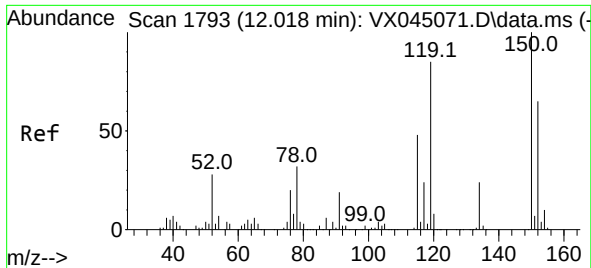
Tgt Ion:117 Resp: 121785
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 32.9 25.7 38.5



#64
Tetrachloroethene
Concen: 0.500 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045356.D
Acq: 20 Mar 2025 13:17

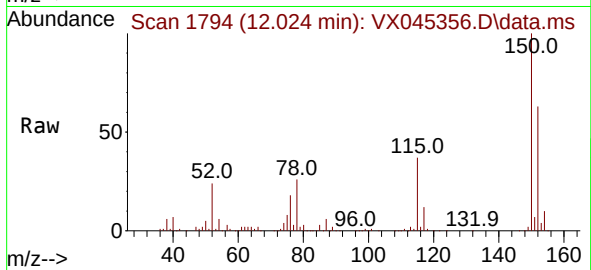
Tgt Ion:164 Resp: 390
Ion Ratio Lower Upper
164 100
166 118.6 103.6 155.4
129 97.1 82.7 124.1
131 120.5 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045356.D
 Acq: 20 Mar 2025 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP02-20250310



Tgt Ion:152 Resp: 51206
 Ion Ratio Lower Upper
 152 100
 115 63.8 44.2 132.6
 150 160.5 0.0 349.0

