

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045352.D
 Acq On : 20 Mar 2025 11:44
 Operator : JC/MD
 Sample : Q1559-09DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20250310DL

Quant Time: Mar 21 01:44:49 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)

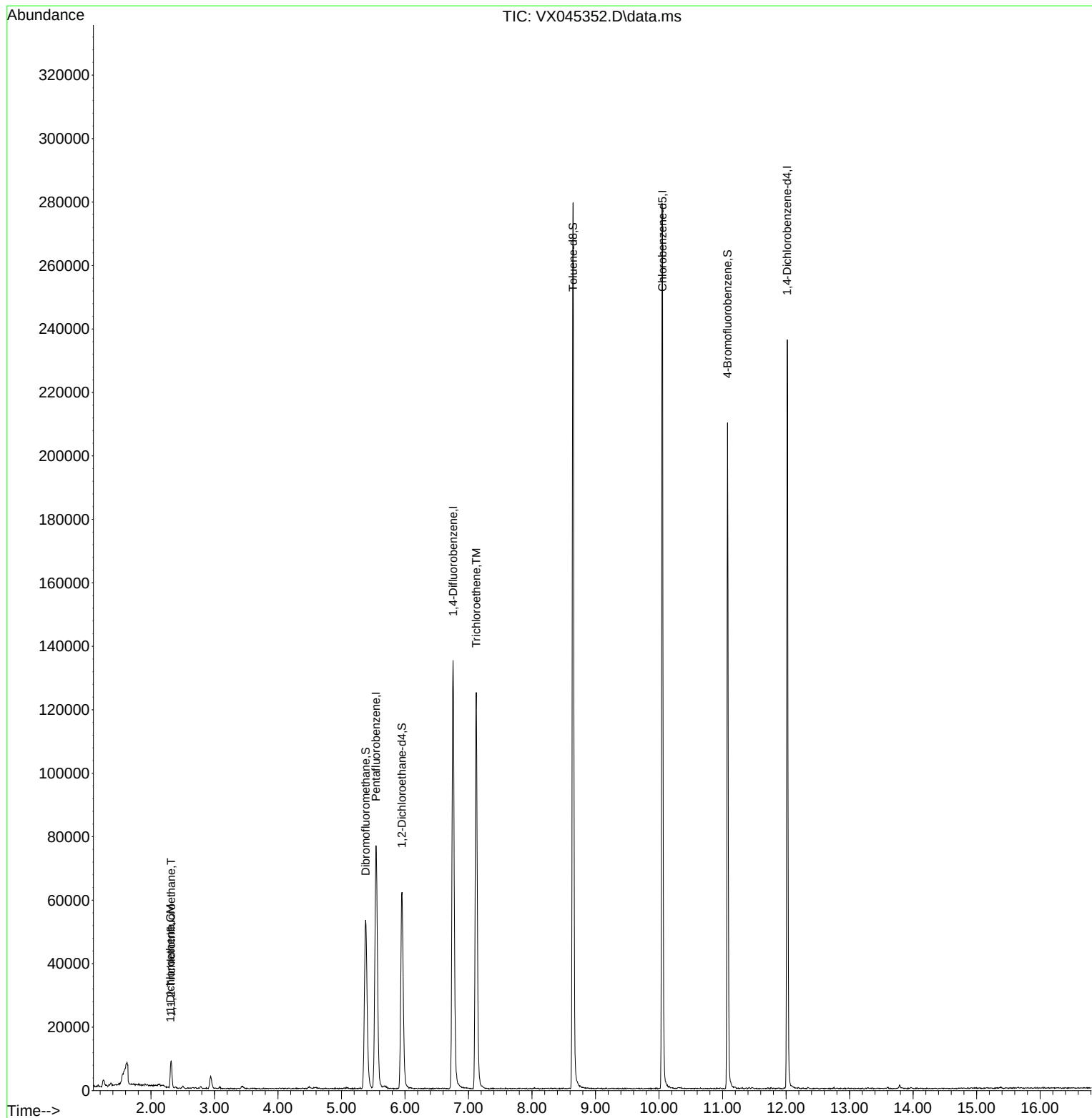
Internal Standards						
1) Pentafluorobenzene	5.544	168	67584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61600	57.301	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.600%
35) Dibromofluoromethane	5.379	113	46858	52.627	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.260%
50) Toluene-d8	8.647	98	164552	50.978	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.079	95	54195	50.667	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.340%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	2383	3.034	ug/l	95
12) 1,1-Dichloroethene	2.306	96	1159	1.396	ug/l	97
44) Trichloroethene	7.123	130	45737	50.517	ug/l	97

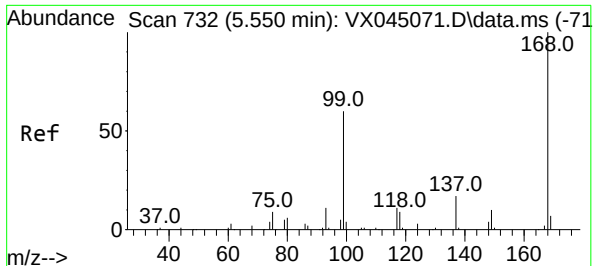
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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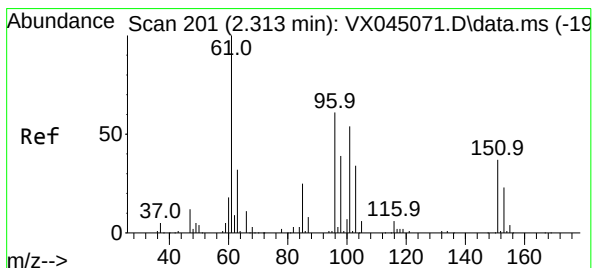
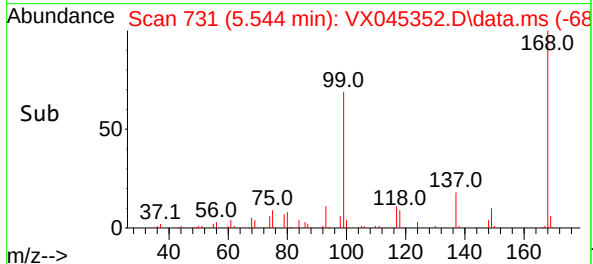
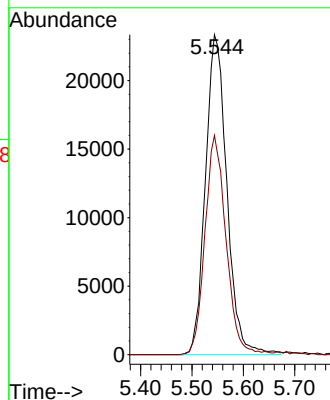
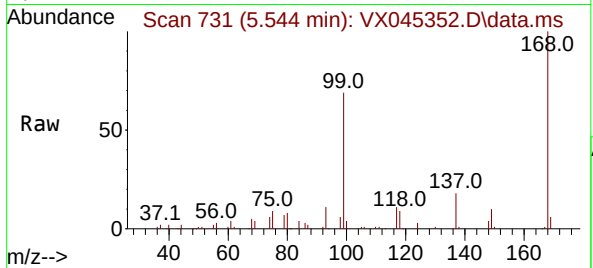




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045352.D
Acq: 20 Mar 2025 11:44

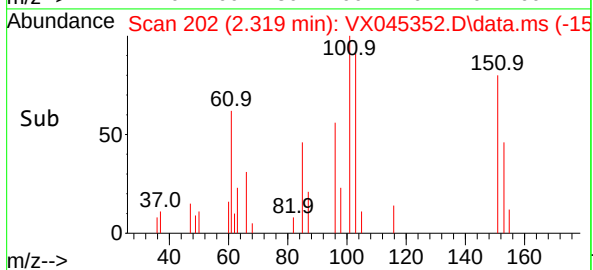
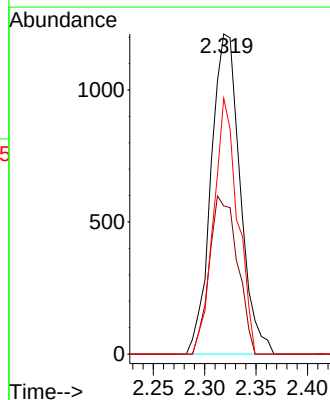
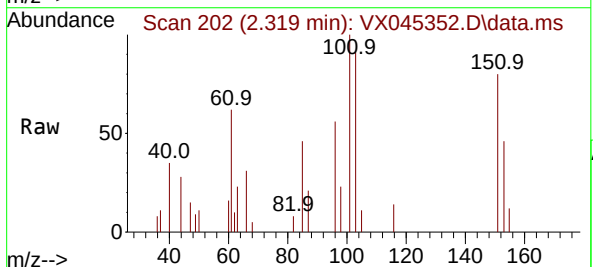
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250310DL

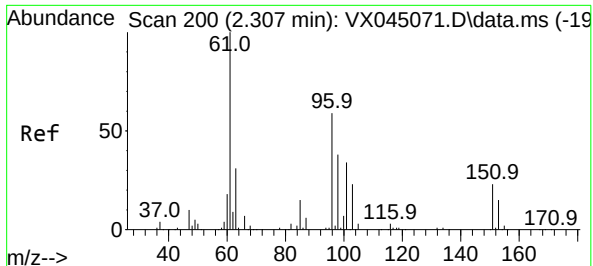
Tgt Ion:168 Resp: 67584
Ion Ratio Lower Upper
168 100
99 68.5 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.034 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045352.D
Acq: 20 Mar 2025 11:44

Tgt Ion:101 Resp: 2383
Ion Ratio Lower Upper
101 100
85 47.8 36.2 54.4
151 66.2 56.4 84.6





#12

1,1-Dichloroethene

Concen: 1.396 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045352.D

Acq: 20 Mar 2025 11:44

Instrument :

MSVOA_X

ClientSampleId :

DUP03-20250310DL

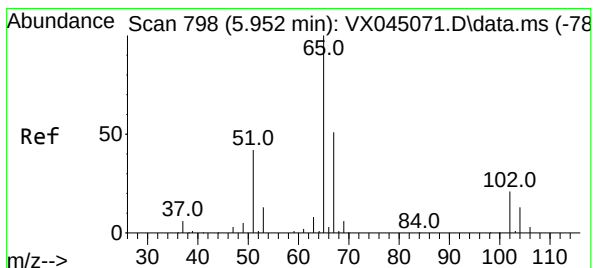
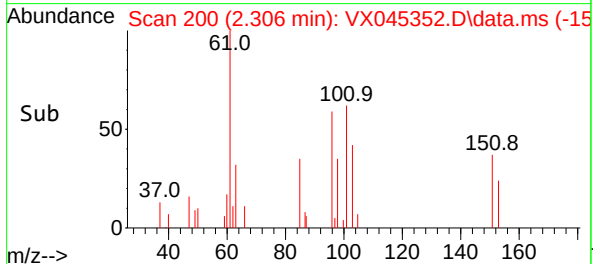
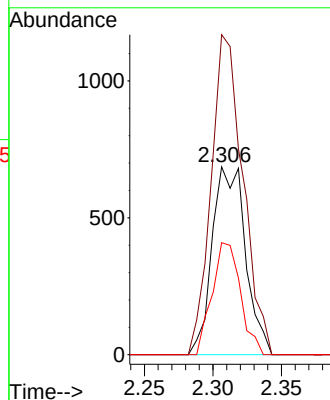
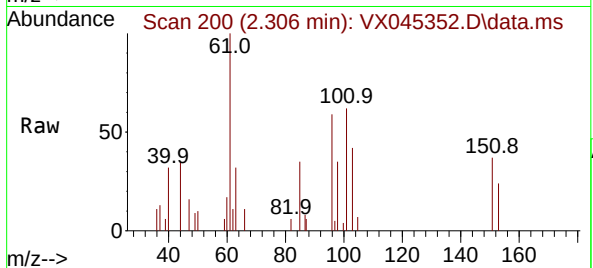
Tgt Ion: 96 Resp: 1159

Ion Ratio Lower Upper

96 100

61 170.4 134.6 202.0

98 59.6 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 57.301 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045352.D

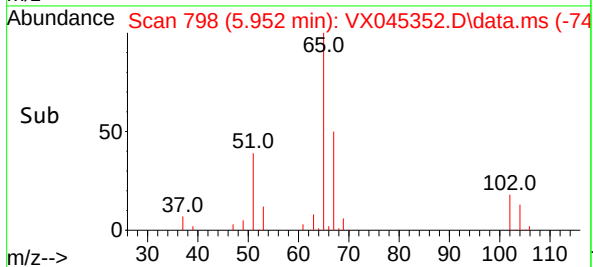
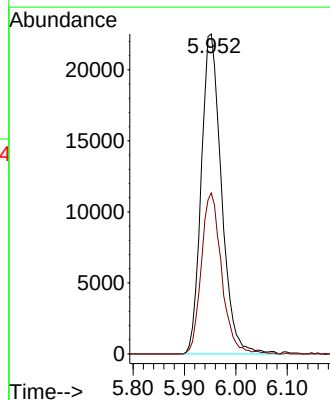
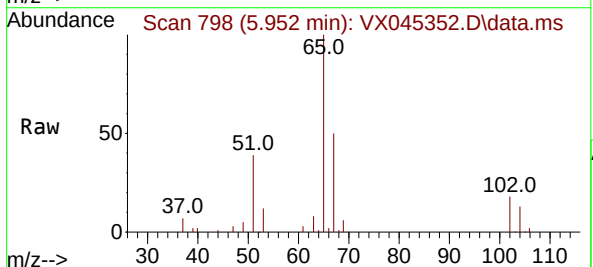
Acq: 20 Mar 2025 11:44

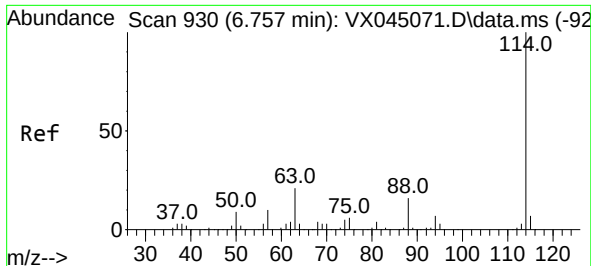
Tgt Ion: 65 Resp: 61600

Ion Ratio Lower Upper

65 100

67 50.5 0.0 106.2

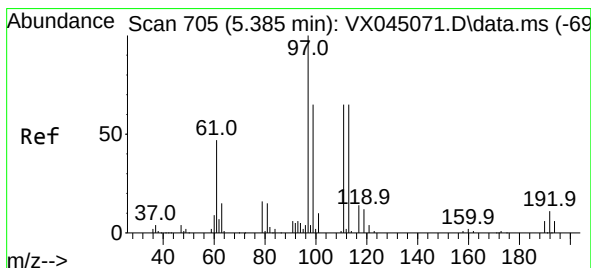
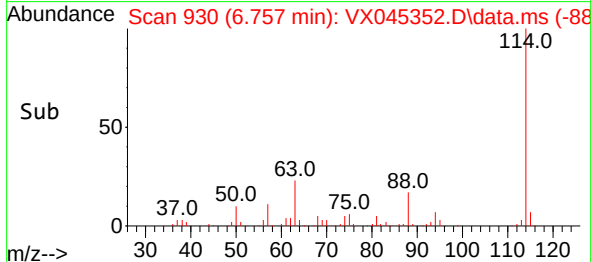
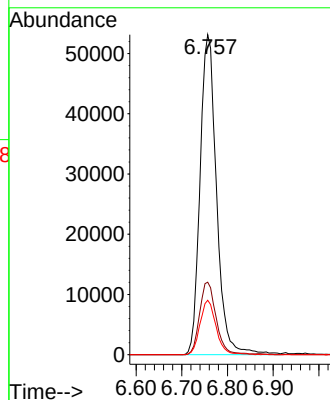
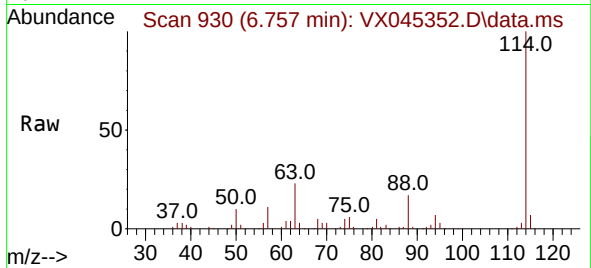




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045352.D
 Acq: 20 Mar 2025 11:44

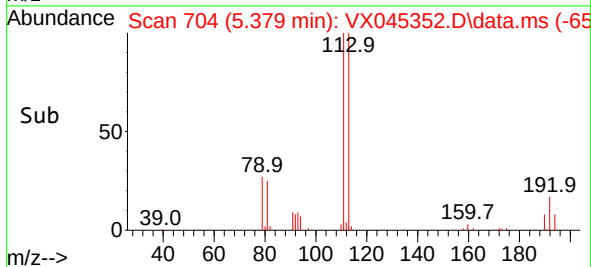
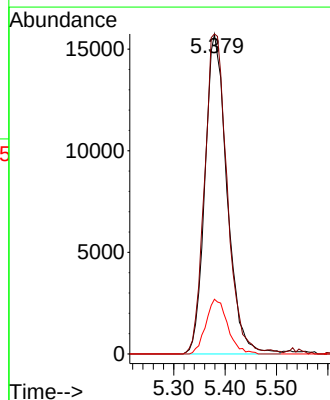
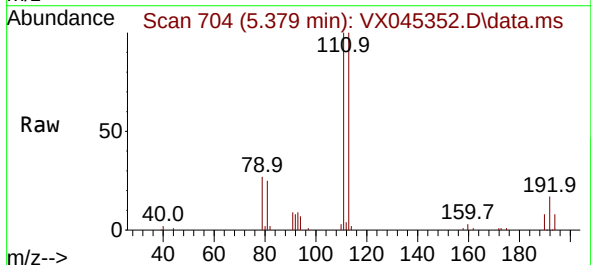
Instrument :
 MSVOA_X
 ClientSampleId :
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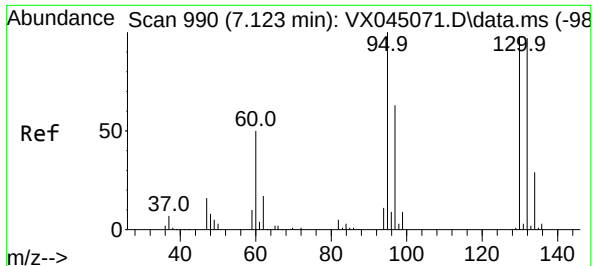
Tgt Ion:114 Resp: 133155
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 41.8
 88 17.0 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 52.627 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045352.D
 Acq: 20 Mar 2025 11:44

Tgt Ion:113 Resp: 46858
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.8 122.6
 192 16.9 14.3 21.5

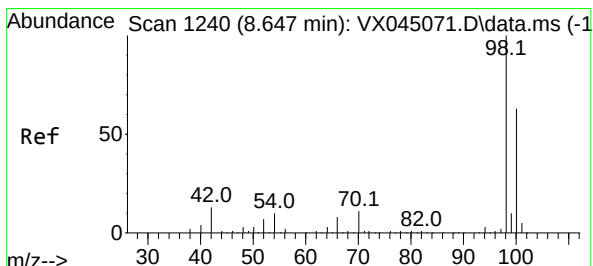
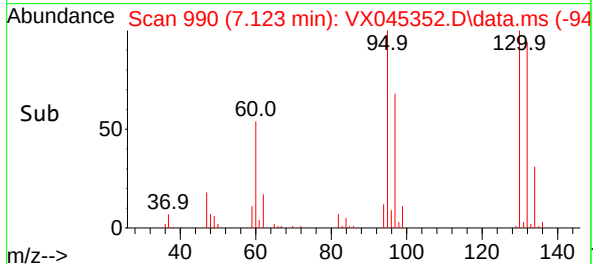
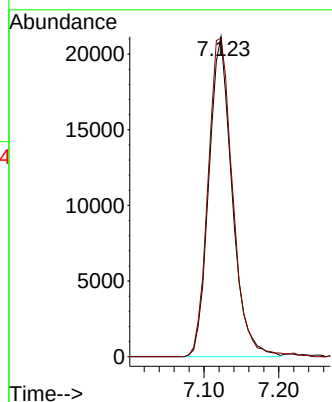
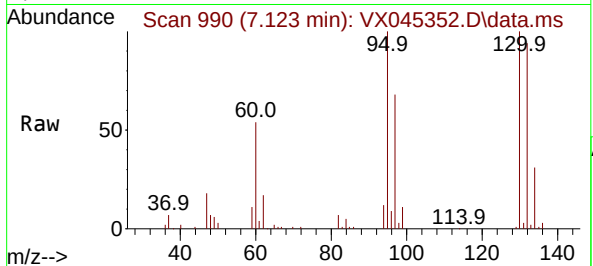




#44
Trichloroethene
Concen: 50.517 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045352.D
Acq: 20 Mar 2025 11:44

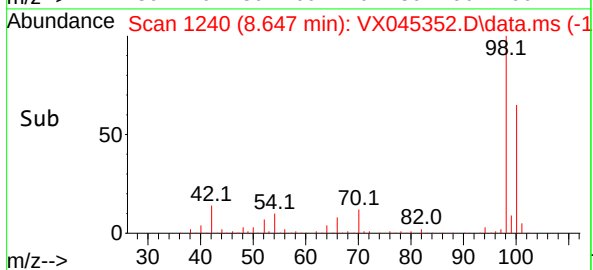
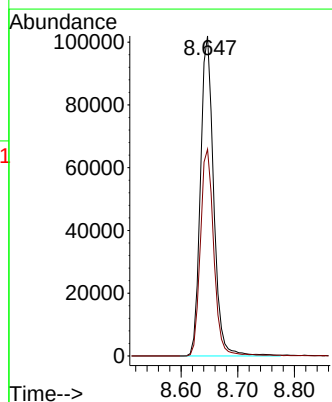
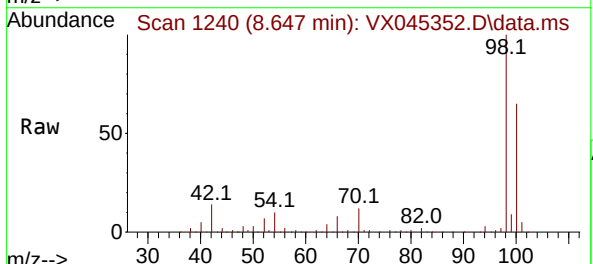
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250310DL

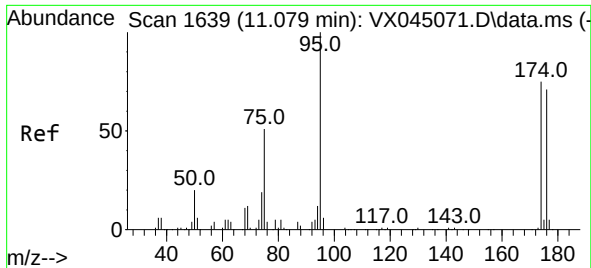
Tgt Ion:130 Resp: 45737
Ion Ratio Lower Upper
130 100
95 99.6 0.0 205.0



#50
Toluene-d8
Concen: 50.978 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045352.D
Acq: 20 Mar 2025 11:44

Tgt Ion: 98 Resp: 164552
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0

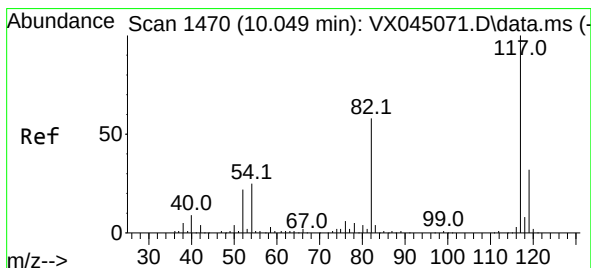
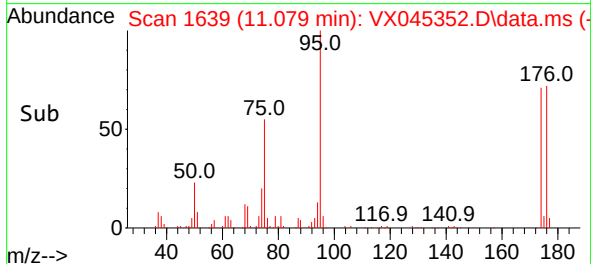
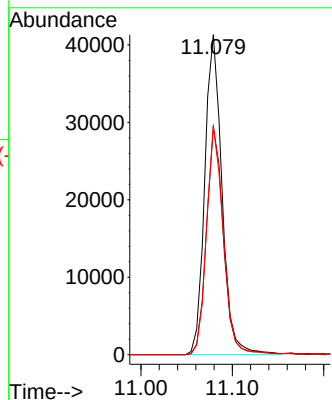
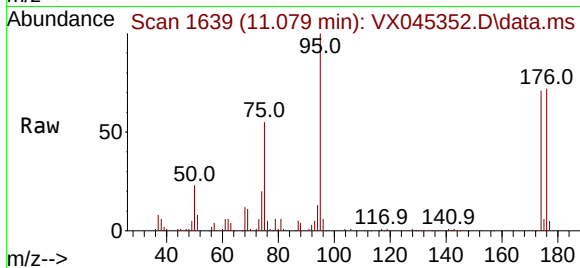




#62
4-Bromofluorobenzene
Concen: 50.667 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045352.D
Acq: 20 Mar 2025 11:44

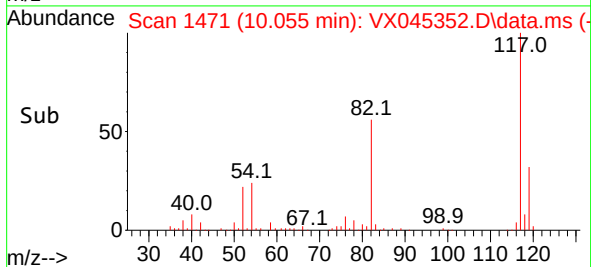
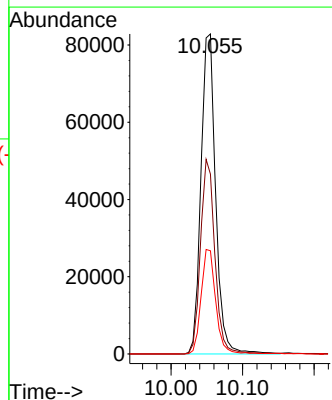
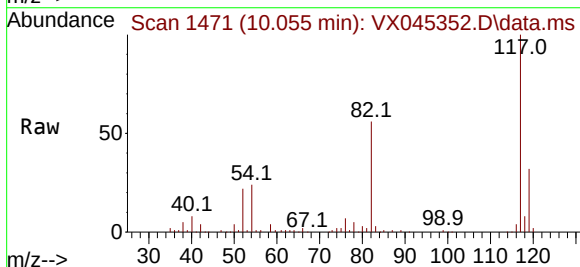
Instrument :
MSVOA_X
ClientSampleId :
DUP03-20250310DL

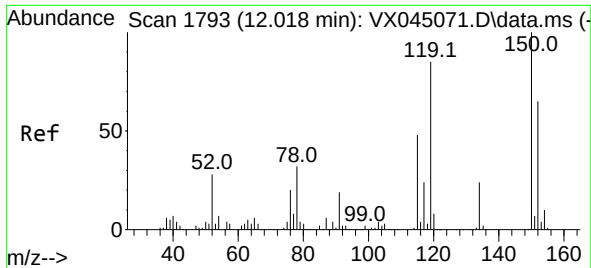
Tgt Ion: 95 Resp: 54195
Ion Ratio Lower Upper
95 100
174 70.1 0.0 148.2
176 69.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045352.D
Acq: 20 Mar 2025 11:44

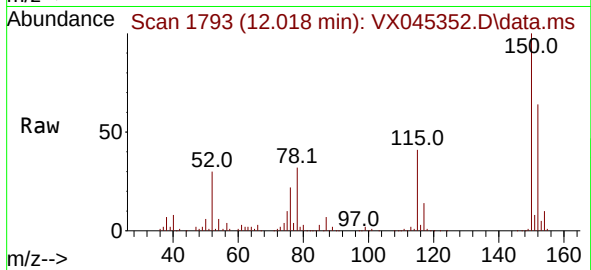
Tgt Ion: 117 Resp: 118349
Ion Ratio Lower Upper
117 100
82 56.2 46.3 69.5
119 32.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045352.D
 Acq: 20 Mar 2025 11:44

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP03-20250310DL



Tgt Ion:152 Resp: 45287
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.2 132.6
 150 156.2 0.0 349.0

