

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045272.D
 Acq On : 13 Mar 2025 16:19
 Operator : JC/MD
 Sample : Q1559-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20250310

Quant Time: Mar 14 12:29:16 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)

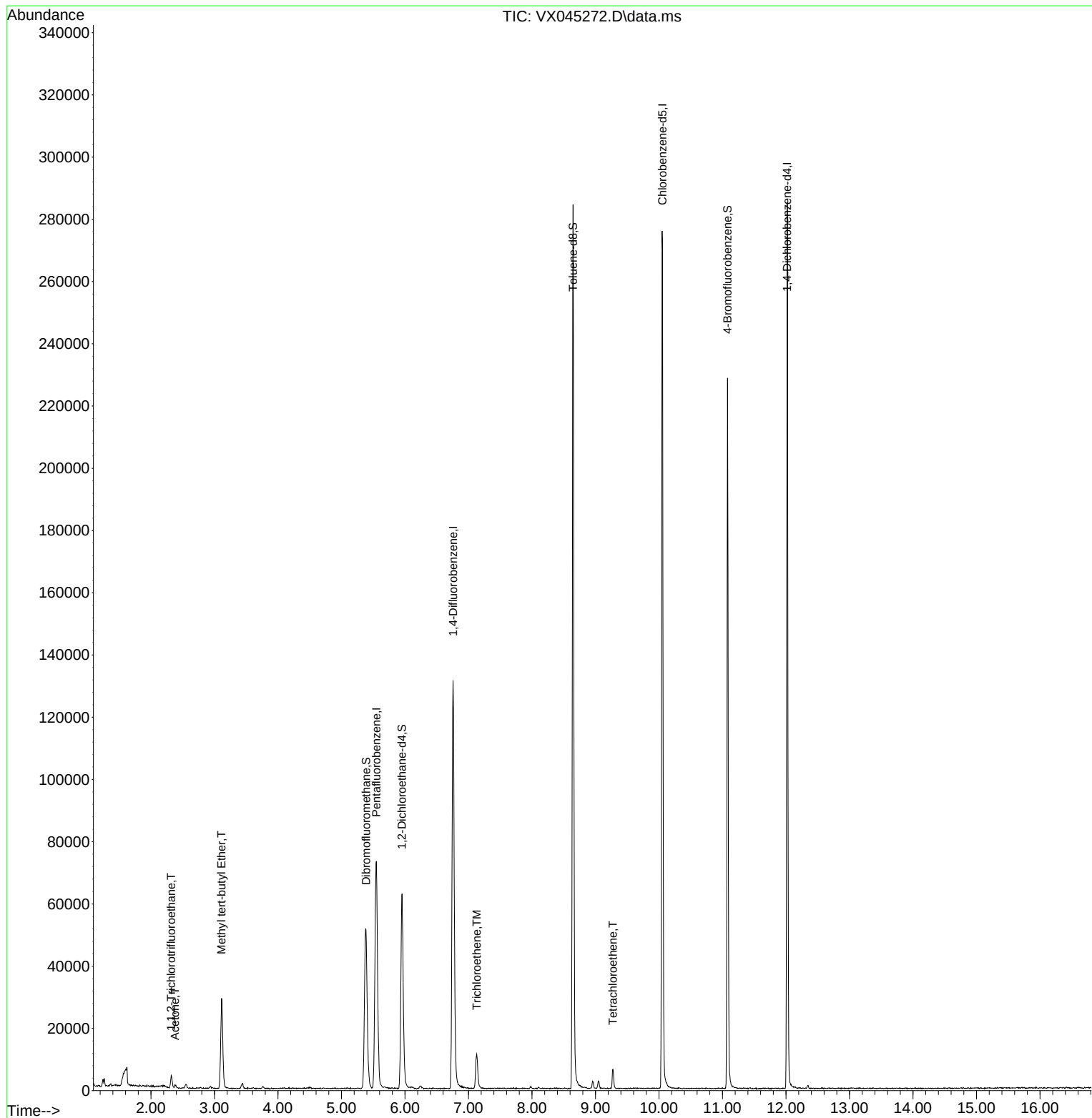
Internal Standards						
1) Pentafluorobenzene	5.550	168	65963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57875	55.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.320%
35) Dibromofluoromethane	5.385	113	45635	52.671	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.340%
50) Toluene-d8	8.647	98	164879	52.491	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.980%
62) 4-Bromofluorobenzene	11.079	95	57650	55.387	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.780%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	1585	2.067	ug/l	96
16) Acetone	2.380	43	1324	2.720	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	29429	10.822	ug/l	98
44) Trichloroethene	7.129	130	4675	5.306	ug/l	99
64) Tetrachloroethene	9.275	164	1214	1.564	ug/l	88

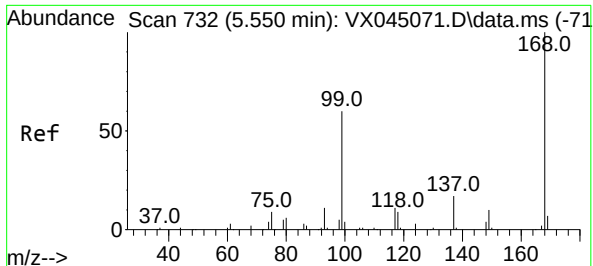
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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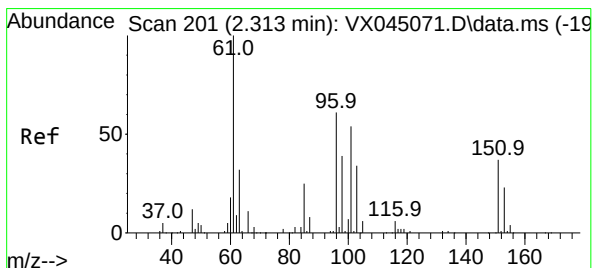
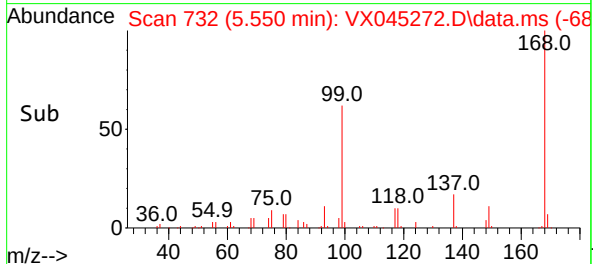
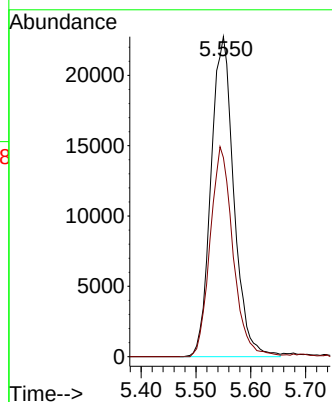
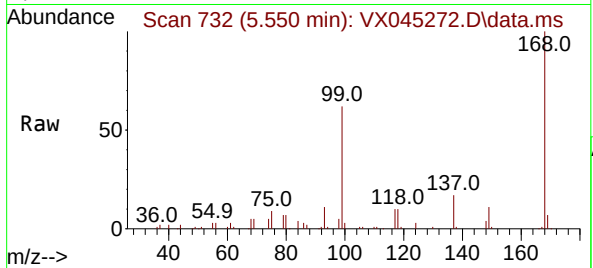




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

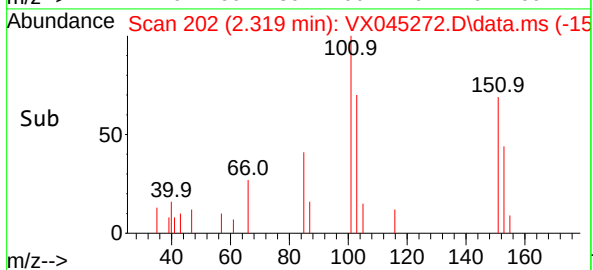
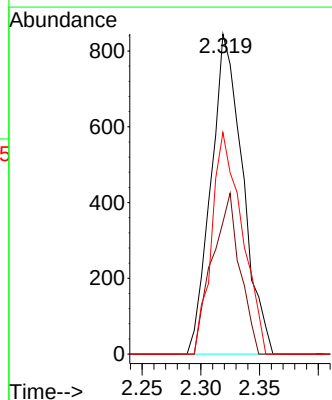
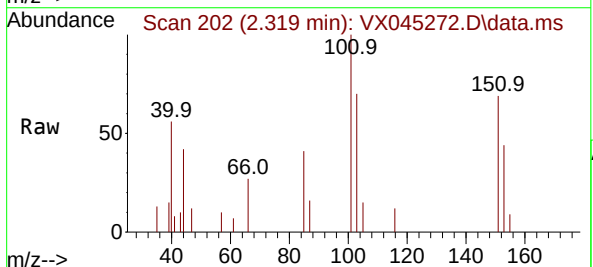
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250310

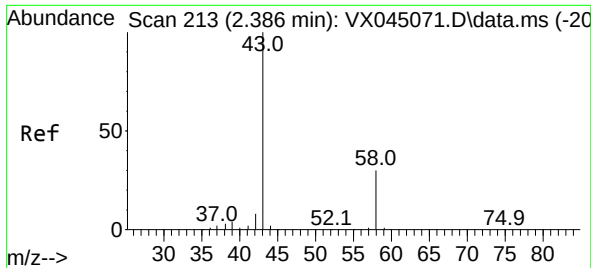
Tgt Ion:168 Resp: 65963
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.067 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

Tgt Ion:101 Resp: 1585
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.4
151 66.2 56.4 84.6

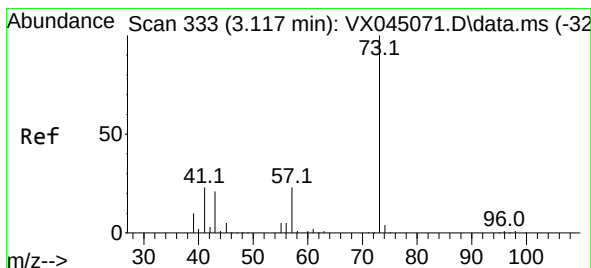
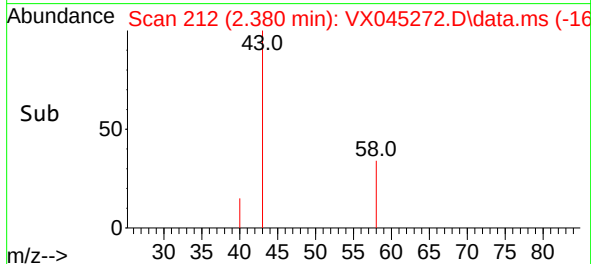
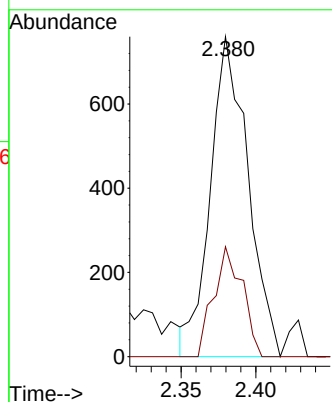
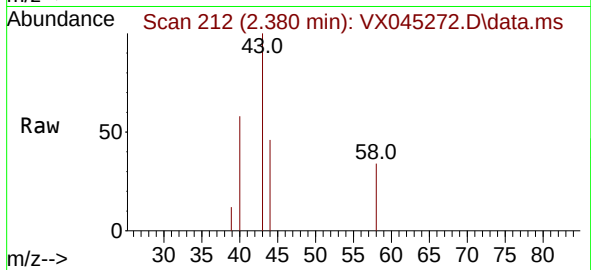




#16
Acetone
Concen: 2.720 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

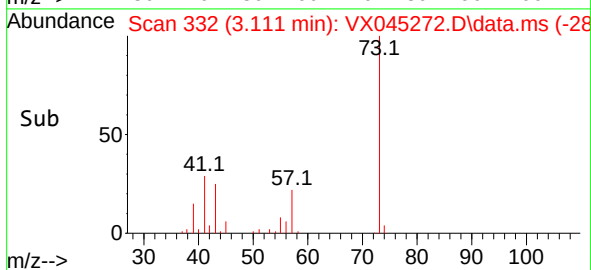
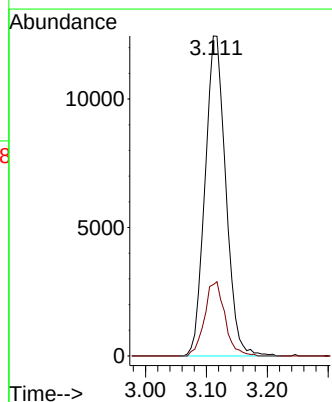
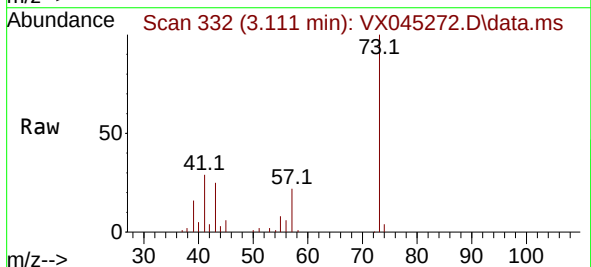
Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250310

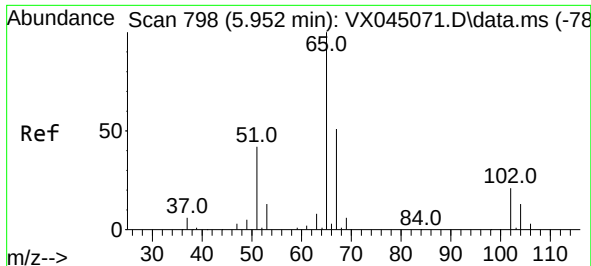
Tgt Ion: 43 Resp: 1324
Ion Ratio Lower Upper
43 100
58 34.3 24.2 36.4



#19
Methyl tert-butyl Ether
Concen: 10.822 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

Tgt Ion: 73 Resp: 29429
Ion Ratio Lower Upper
73 100
57 22.3 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 55.159 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045272.D

Acq: 13 Mar 2025 16:19

Instrument :

MSVOA_X

ClientSampleId :

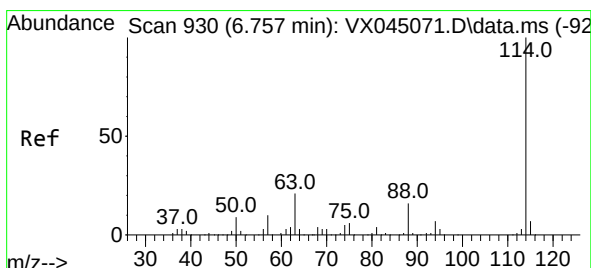
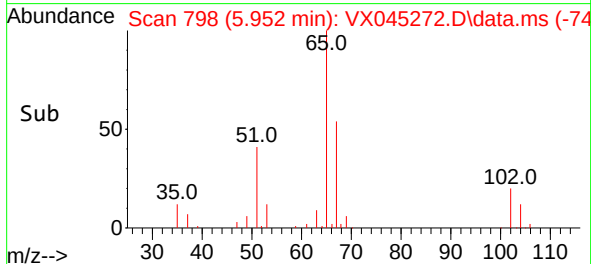
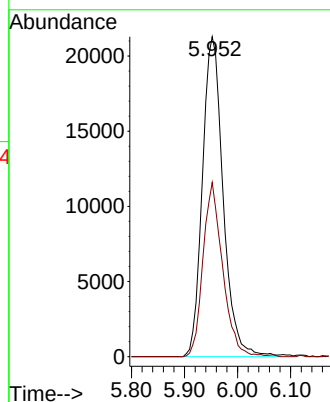
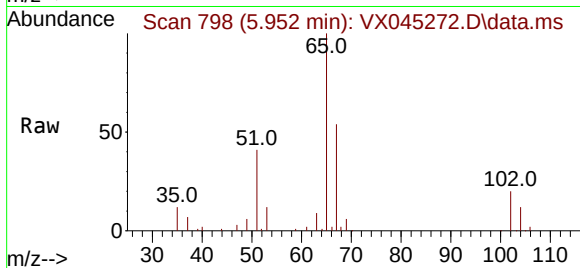
TT149S1-20250310

Tgt Ion: 65 Resp: 57875

Ion Ratio Lower Upper

65 100

67 51.5 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: VX045272.D

Acq: 13 Mar 2025 16:19

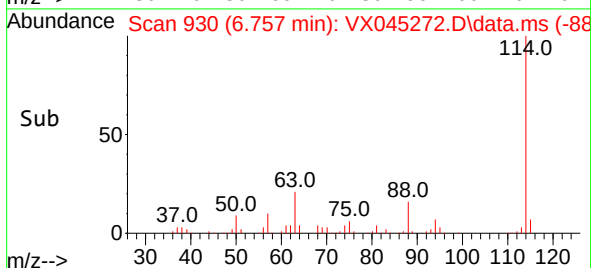
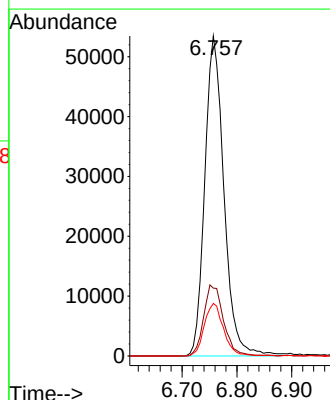
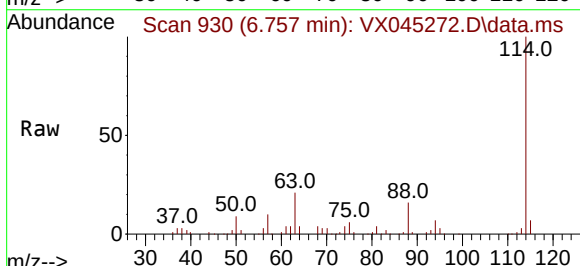
Tgt Ion: 114 Resp: 129573

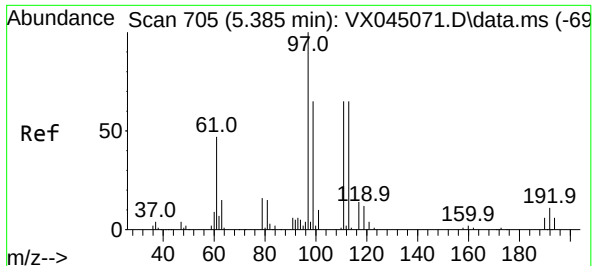
Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.8

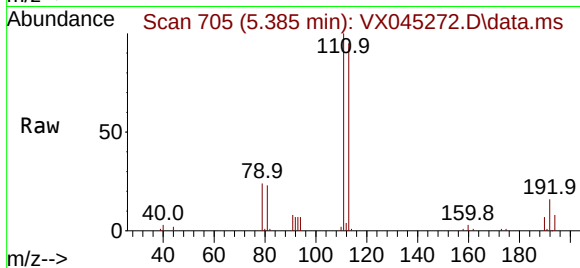
88 16.4 0.0 32.8



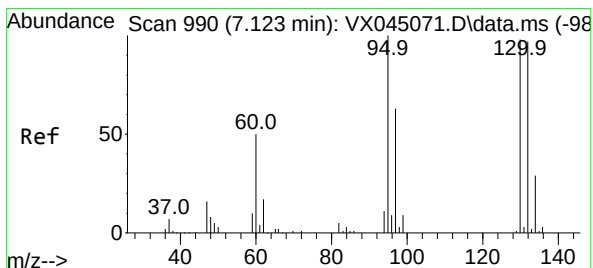
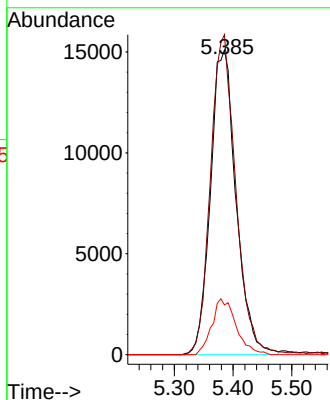
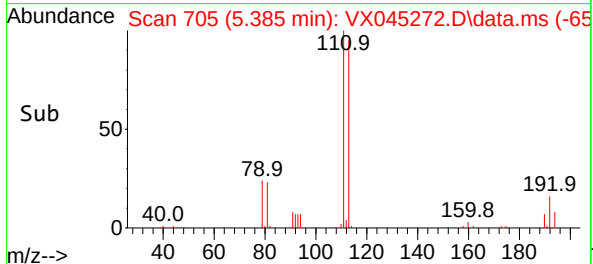


#35
Dibromofluoromethane
Concen: 52.671 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
TT149S1-20250310

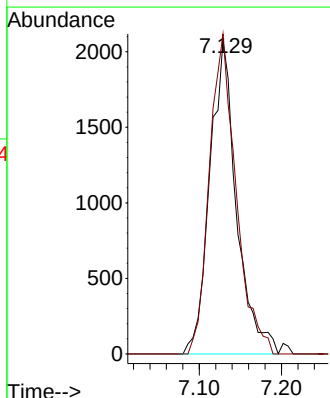
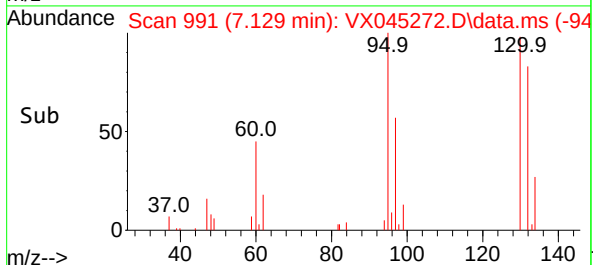
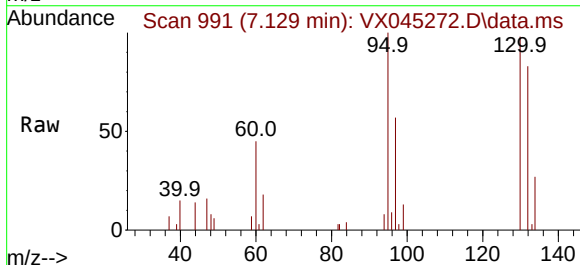


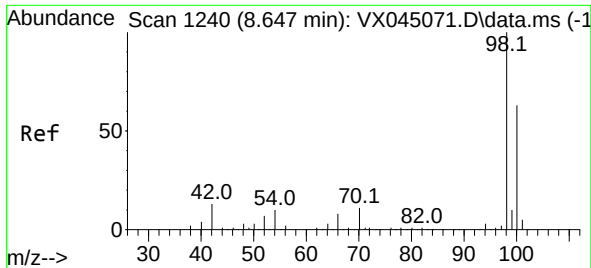
Tgt Ion:113 Resp: 45635
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.4 14.3 21.5



#44
Trichloroethene
Concen: 5.306 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

Tgt Ion:130 Resp: 4675
Ion Ratio Lower Upper
130 100
95 101.9 0.0 205.0

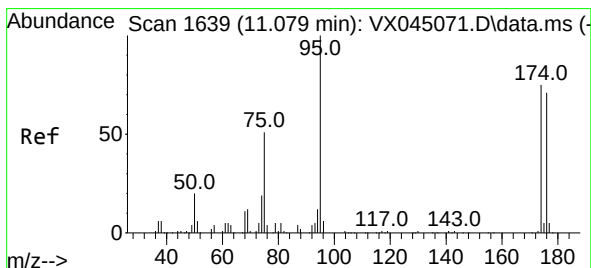
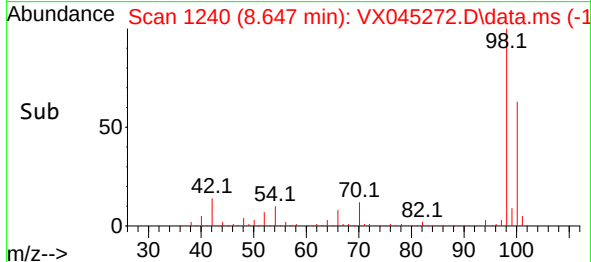
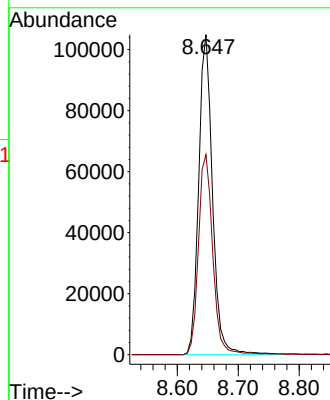
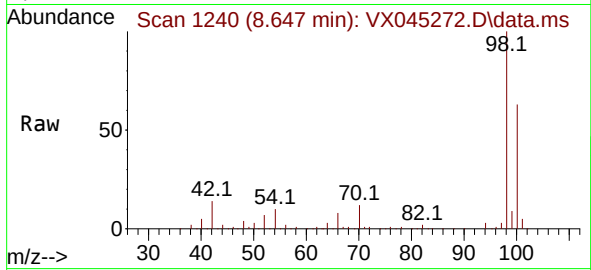




#50
Toluene-d8
Concen: 52.491 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

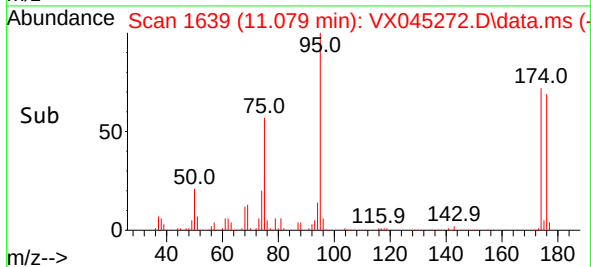
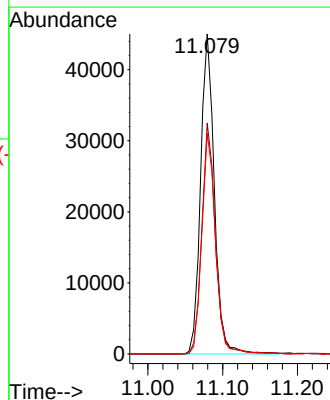
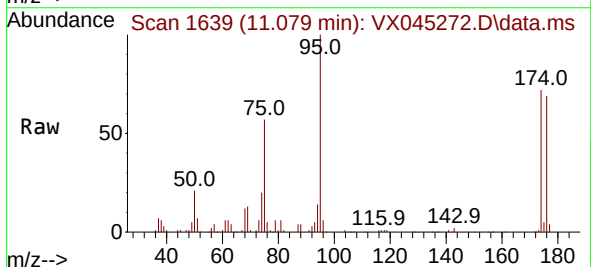
Instrument :
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ClientSampleId :
TT149S1-20250310

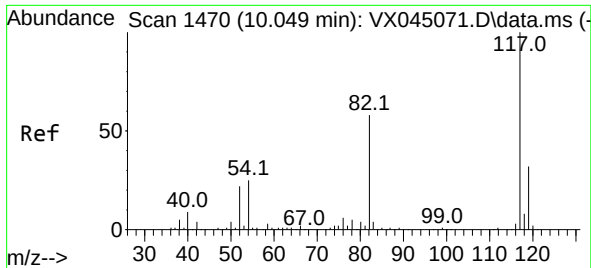
Tgt Ion: 98 Resp: 164879
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.387 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

Tgt Ion: 95 Resp: 57650
Ion Ratio Lower Upper
95 100
174 70.7 0.0 148.2
176 68.6 0.0 141.4

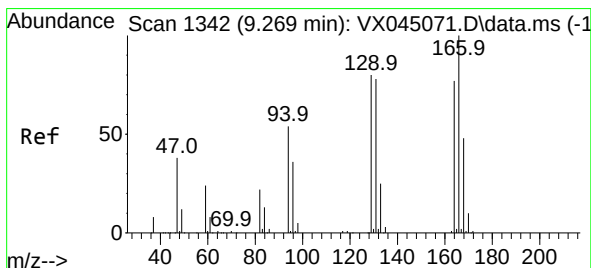
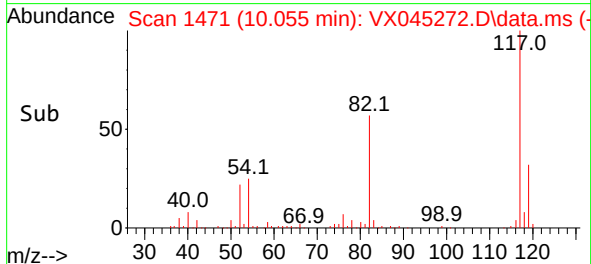
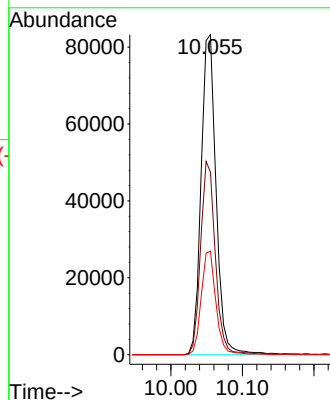
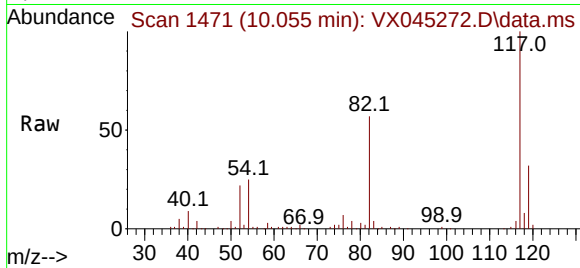




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

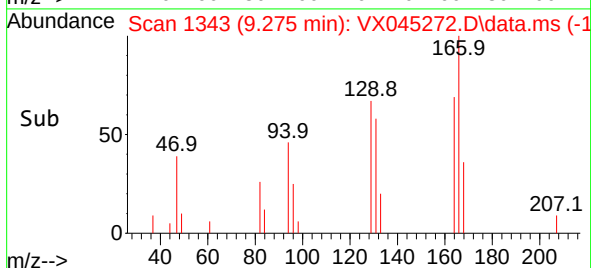
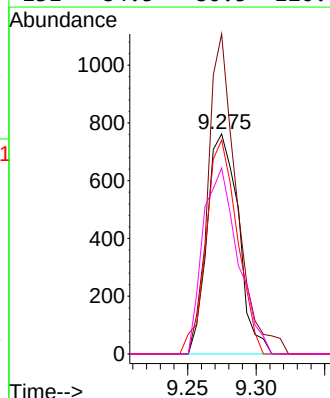
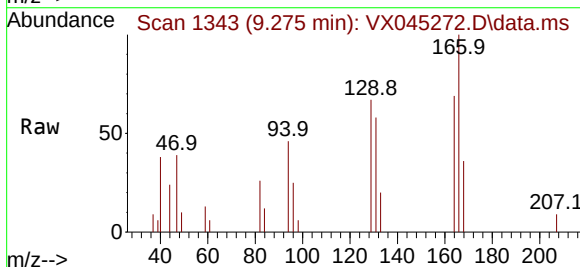
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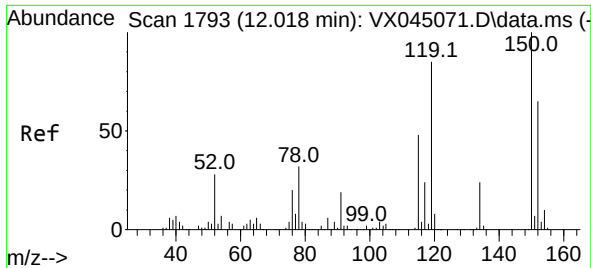
Tgt Ion:117 Resp: 121218
Ion Ratio Lower Upper
117 100
82 57.1 46.3 69.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 1.564 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045272.D
Acq: 13 Mar 2025 16:19

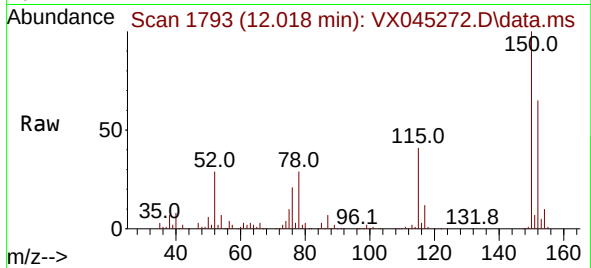
Tgt Ion:164 Resp: 1214
Ion Ratio Lower Upper
164 100
166 145.4 103.6 155.4
129 97.2 82.7 124.1
131 84.5 80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045272.D
 Acq: 13 Mar 2025 16:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TT149S1-20250310



Tgt Ion:152 Resp: 52138
 Ion Ratio Lower Upper
 152 100
 115 63.3 44.2 132.6
 150 156.8 0.0 349.0

