

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045363.D
 Acq On : 20 Mar 2025 15:59
 Operator : JC/MD
 Sample : Q1582-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20250313

Quant Time: Mar 21 01:50:01 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

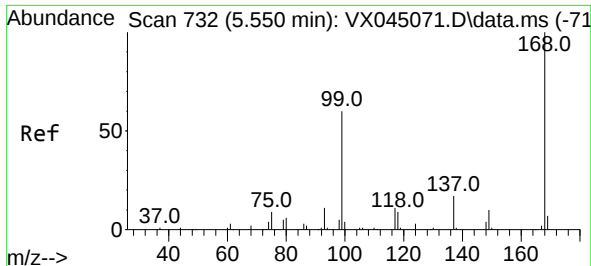
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	75815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67871	56.280	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.560%	
35) Dibromofluoromethane	5.379	113	52349	52.993	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.980%	
50) Toluene-d8	8.647	98	183069	51.118	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	11.079	95	65477	55.174	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.340%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1077	1.129	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	4026	4.569	ug/l	96
12) 1,1-Dichloroethene	2.313	96	2257	2.423	ug/l	87
16) Acetone	2.386	43	1391	2.486	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	1280	1.127	ug/l	83
30) Chloroform	5.086	83	1971	1.050	ug/l	97
44) Trichloroethene	7.117	130	183725	182.901	ug/l	100
55) 1,1,2-Trichloroethane	9.159	97	826	0.799	ug/l #	84

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

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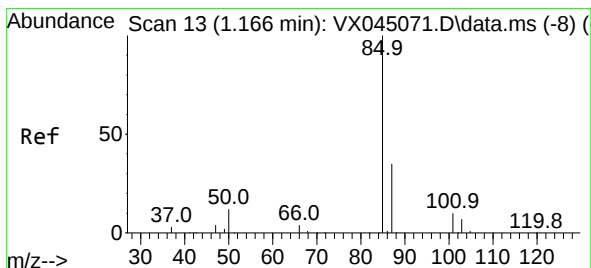
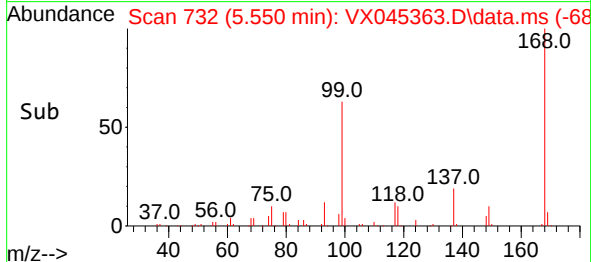
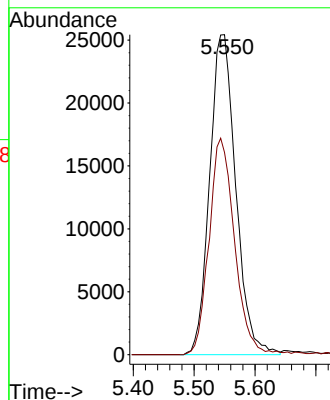
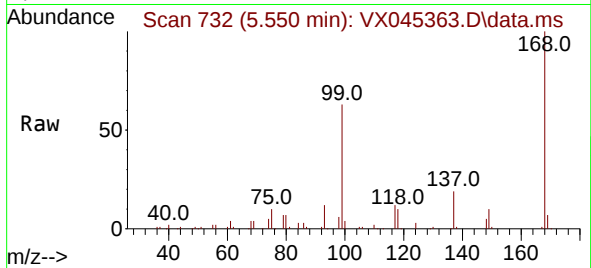




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

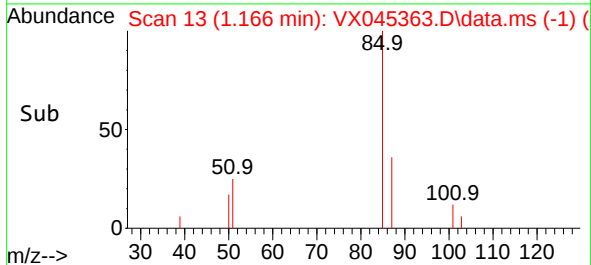
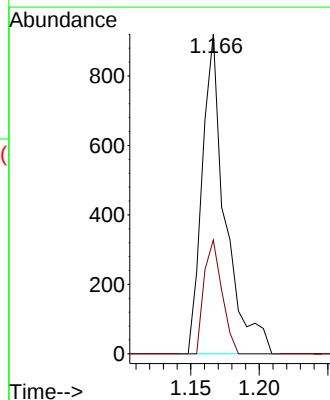
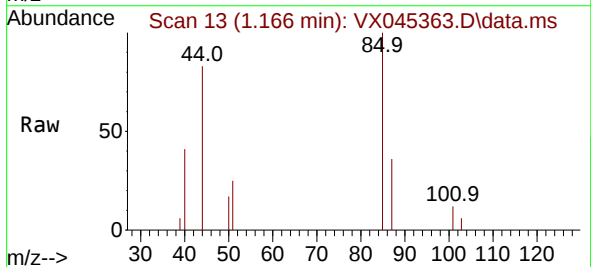
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250313

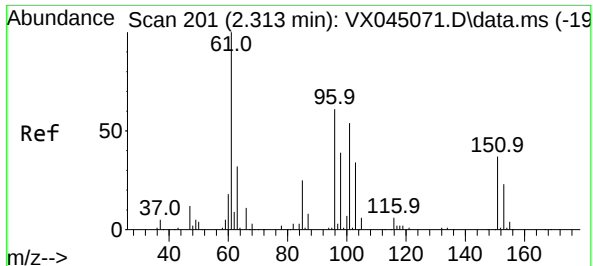
Tgt Ion:168 Resp: 75815
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 1.129 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

Tgt Ion: 85 Resp: 1077
Ion Ratio Lower Upper
85 100
87 35.6 17.4 52.3

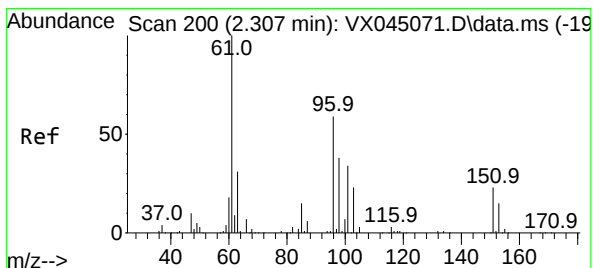
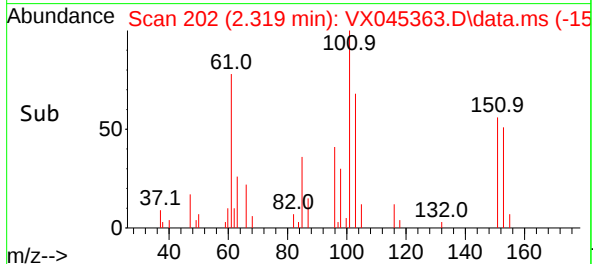
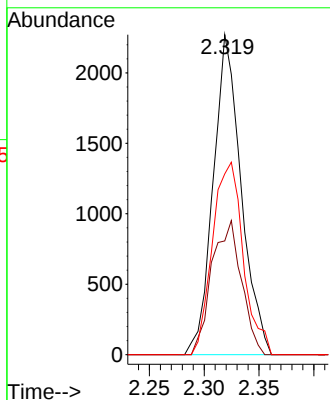
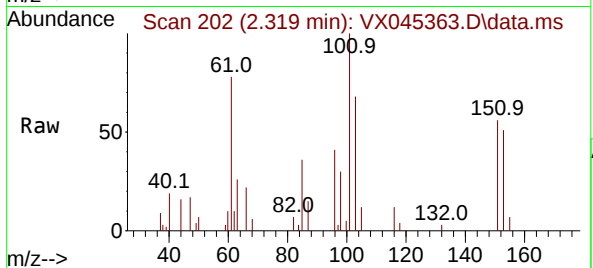




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.569 ug/l
 RT: 2.319 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX045363.D
 Acq: 20 Mar 2025 15:59

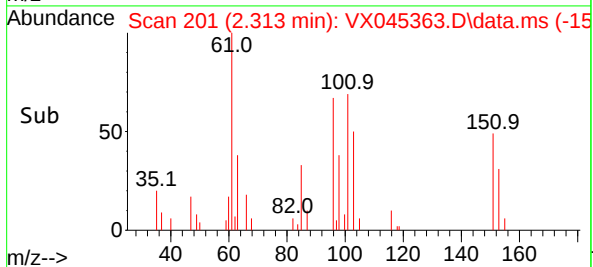
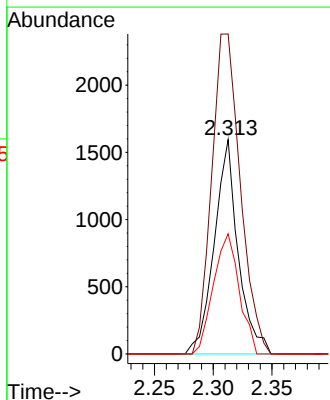
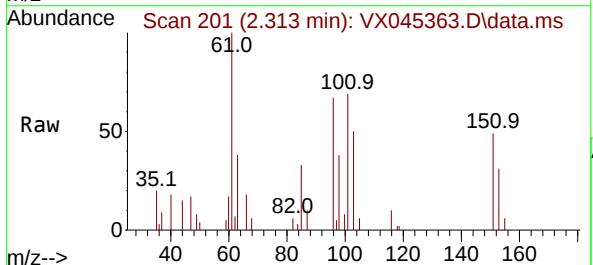
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20250313

Tgt Ion:	101	Resp:	4026
Ion	Ratio	Lower	Upper
101	100		
85	44.5	36.2	54.4
151	66.3	56.4	84.6



#12
 1,1-Dichloroethene
 Concen: 2.423 ug/l
 RT: 2.313 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045363.D
 Acq: 20 Mar 2025 15:59

Tgt Ion:	96	Resp:	2257
Ion	Ratio	Lower	Upper
96	100		
61	149.3	134.6	202.0
98	56.1	51.0	76.6

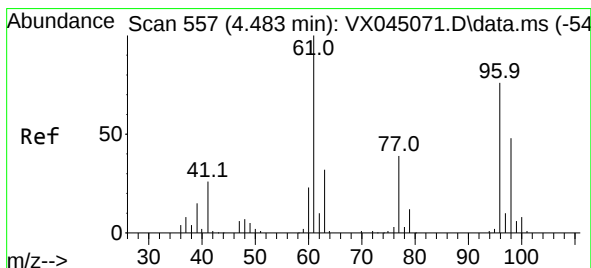
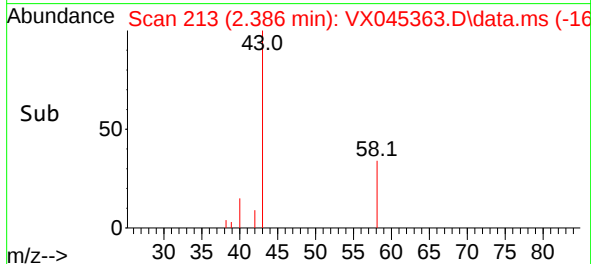
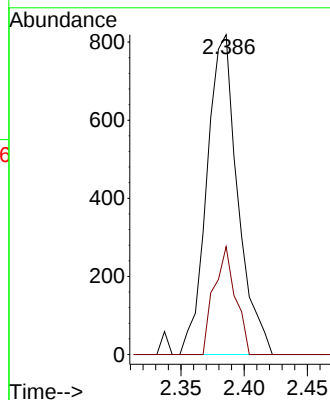
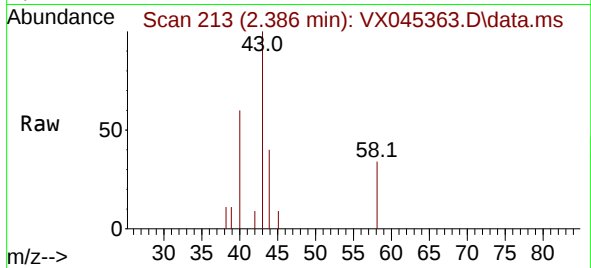




#16
Acetone
Concen: 2.486 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

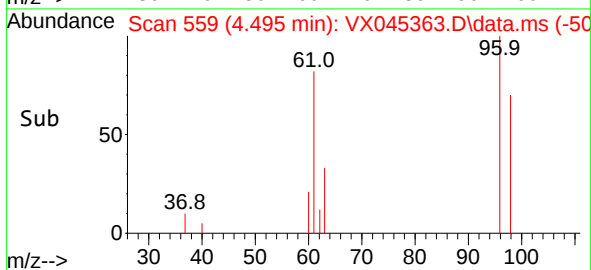
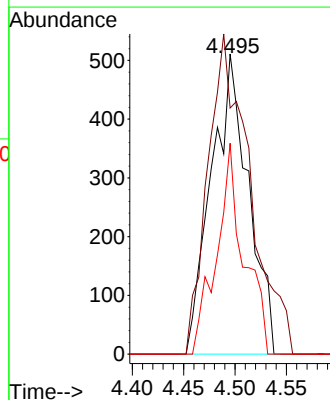
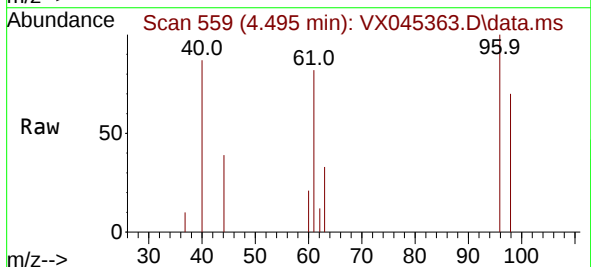
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250313

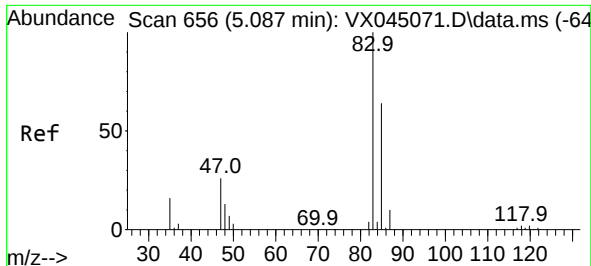
Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 33.7 24.2 36.4



#27
cis-1,2-Dichloroethene
Concen: 1.127 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

Tgt Ion: 96 Resp: 1280
Ion Ratio Lower Upper
96 100
61 120.6 0.0 283.2
98 51.8 0.0 128.0

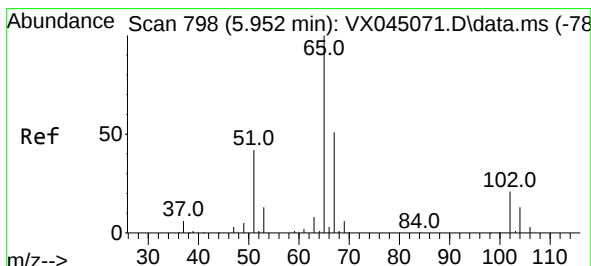
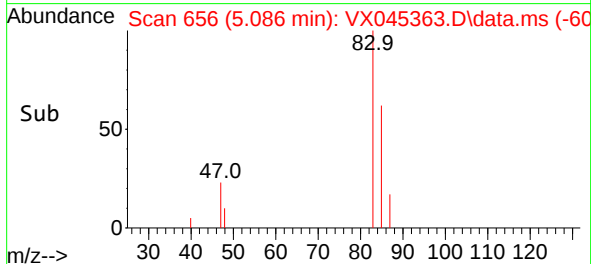
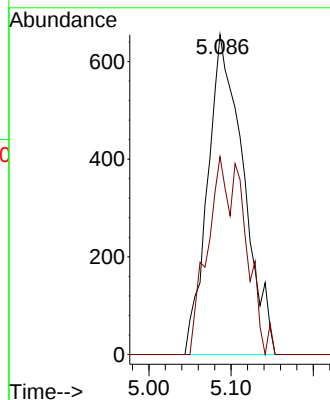
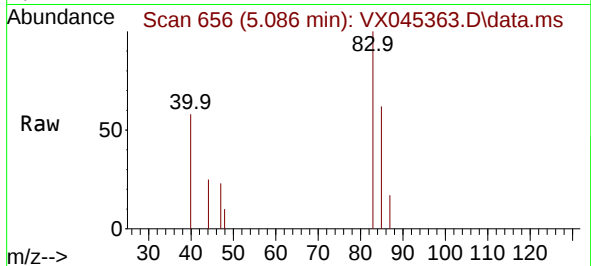




#30
Chloroform
Concen: 1.050 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

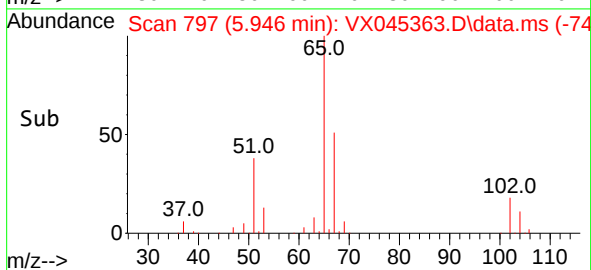
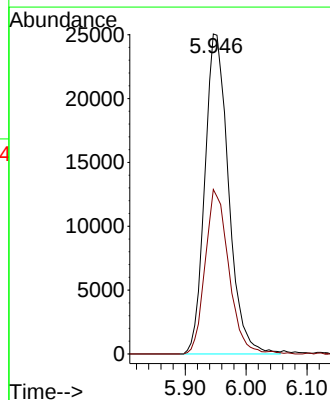
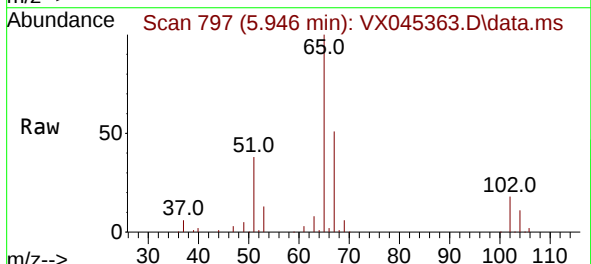
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250313

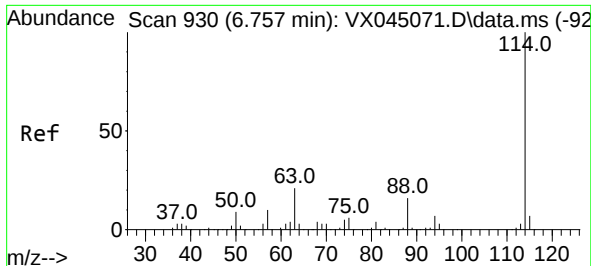
Tgt Ion: 83 Resp: 1971
Ion Ratio Lower Upper
83 100
85 61.8 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 56.280 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

Tgt Ion: 65 Resp: 67871
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2

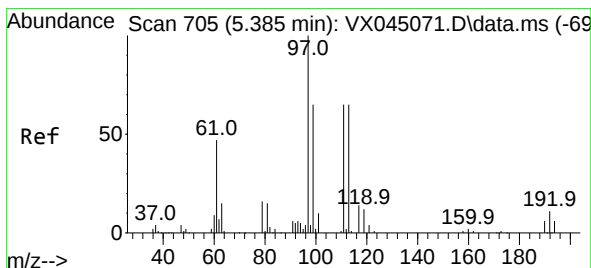
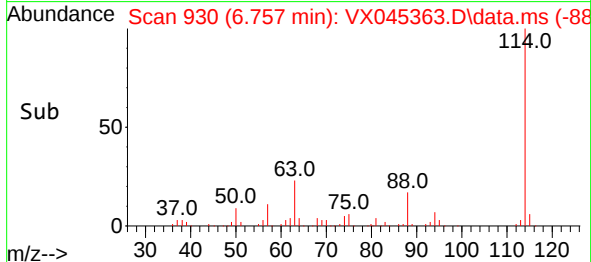
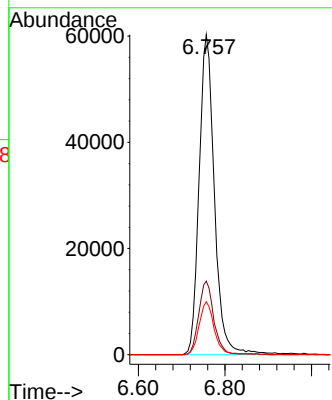
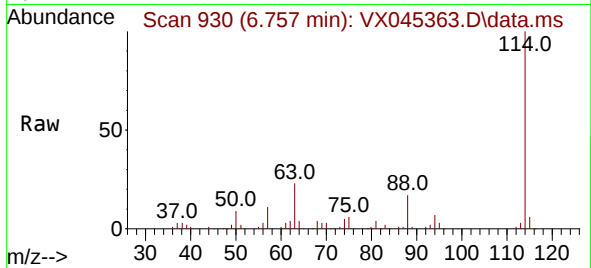




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

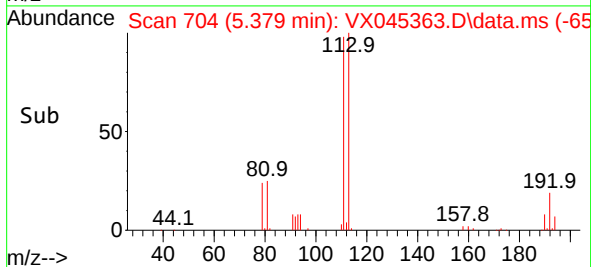
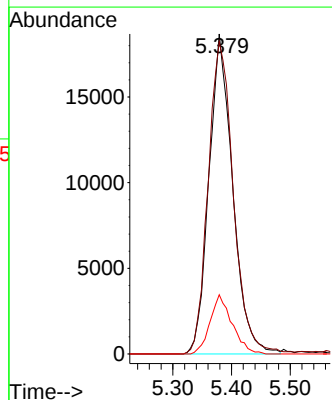
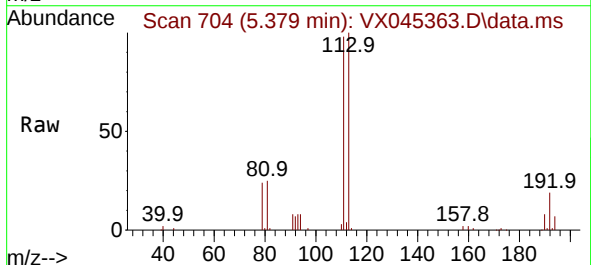
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250313

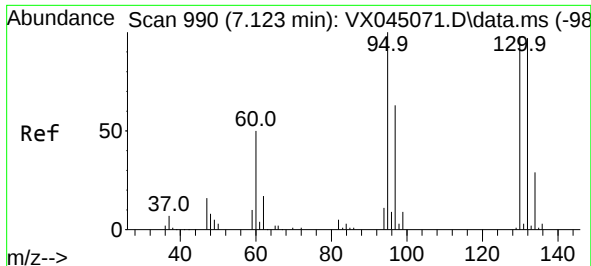
Tgt Ion:114 Resp: 147733
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.993 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

Tgt Ion:113 Resp: 52349
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.2 14.3 21.5

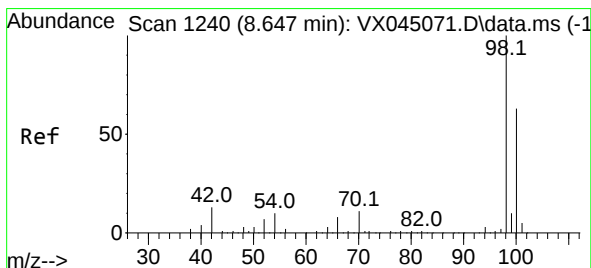
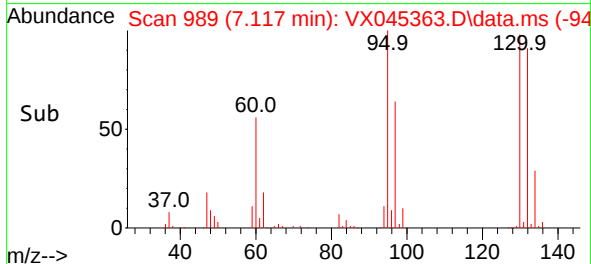
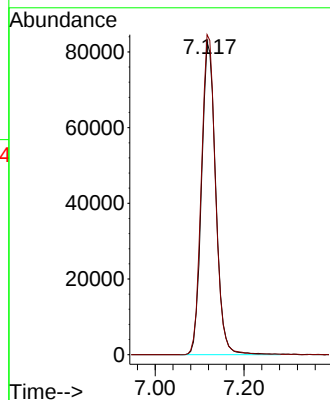
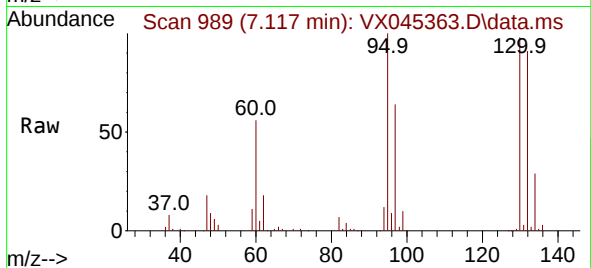




#44
Trichloroethene
Concen: 182.901 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

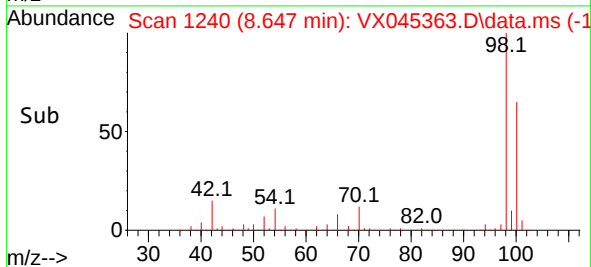
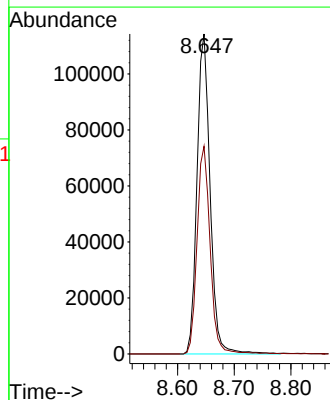
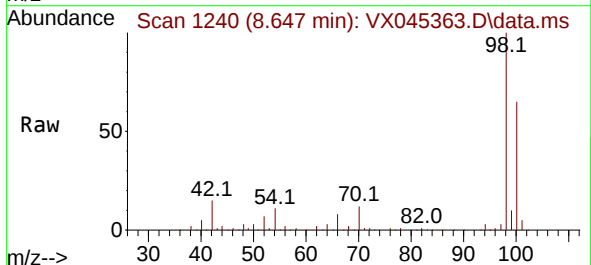
Instrument :
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ClientSampleId :
TT180D1-20250313

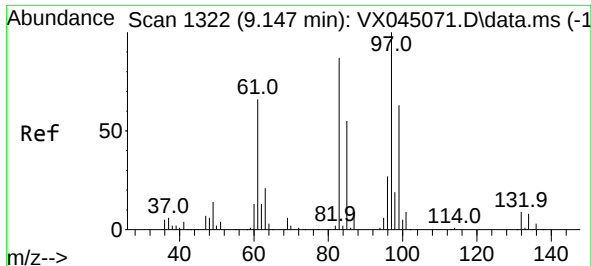
Tgt Ion:130 Resp: 183725
Ion Ratio Lower Upper
130 100
95 102.5 0.0 205.0



#50
Toluene-d8
Concen: 51.118 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

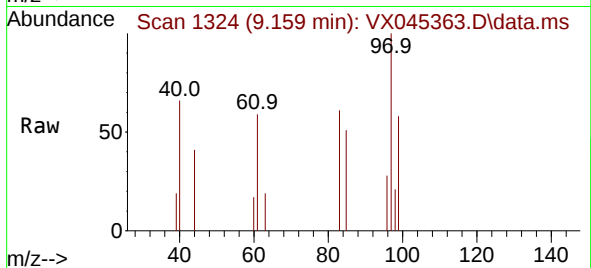
Tgt Ion: 98 Resp: 183069
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



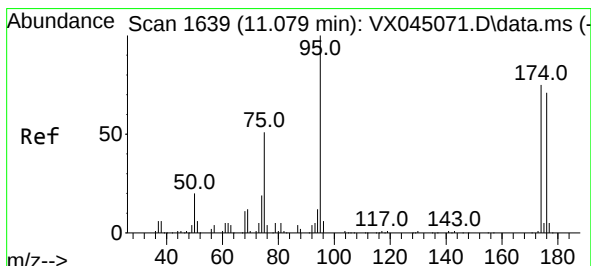
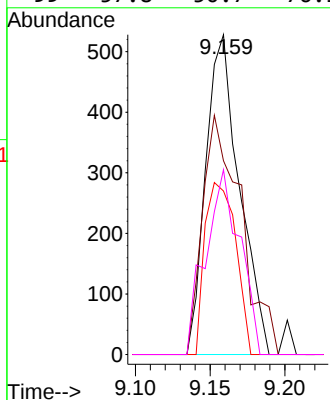
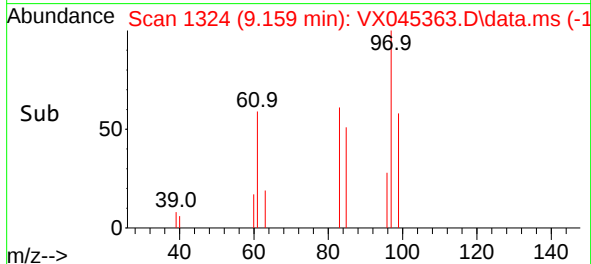


#55
1,1,2-Trichloroethane
Concen: 0.799 ug/l
RT: 9.159 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250313

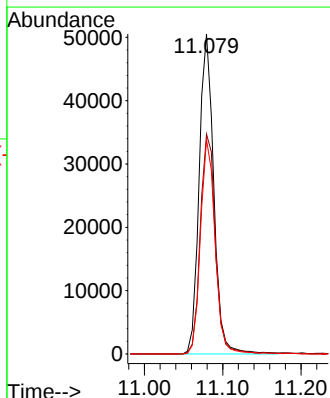
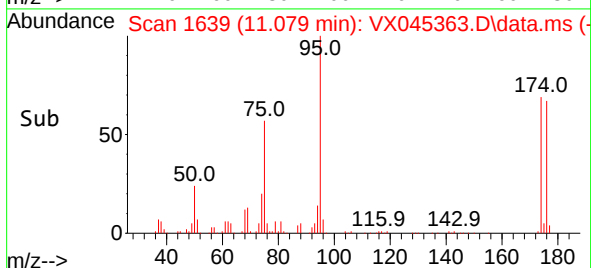
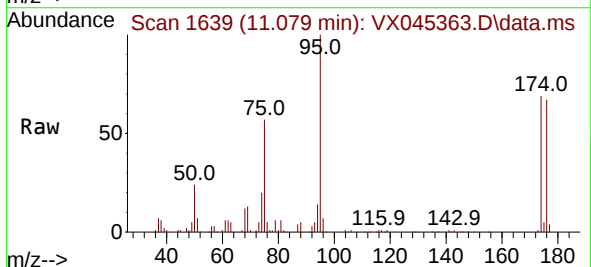


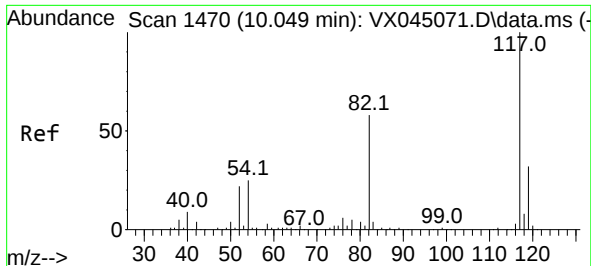
Tgt Ion:	97	Resp:	826
Ion	Ratio	Lower	Upper
97	100		
83	60.6	69.4	104.2#
85	51.1	44.1	66.1
99	57.8	50.7	76.1



#62
4-Bromofluorobenzene
Concen: 55.174 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

Tgt Ion:	95	Resp:	65477
Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	148.2
176	66.9	0.0	141.4

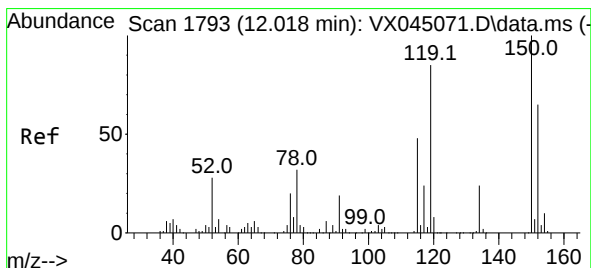
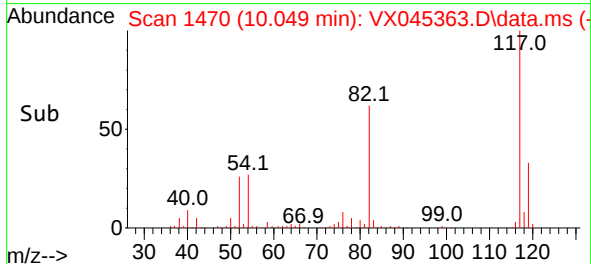
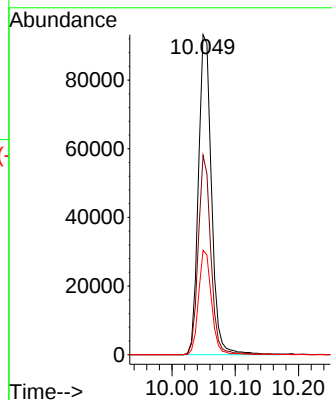
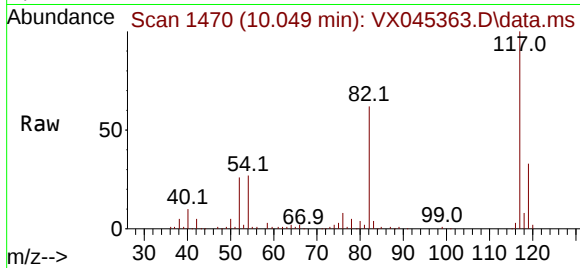




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250313

Tgt Ion:117 Resp: 134626
Ion Ratio Lower Upper
117 100
82 62.3 46.3 69.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045363.D
Acq: 20 Mar 2025 15:59

Tgt Ion:152 Resp: 58076
Ion Ratio Lower Upper
152 100
115 63.5 44.2 132.6
150 157.6 0.0 349.0

