

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045273.D
 Acq On : 13 Mar 2025 16:43
 Operator : JC/MD
 Sample : Q1559-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20250310

Quant Time: Mar 14 12:29:25 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)

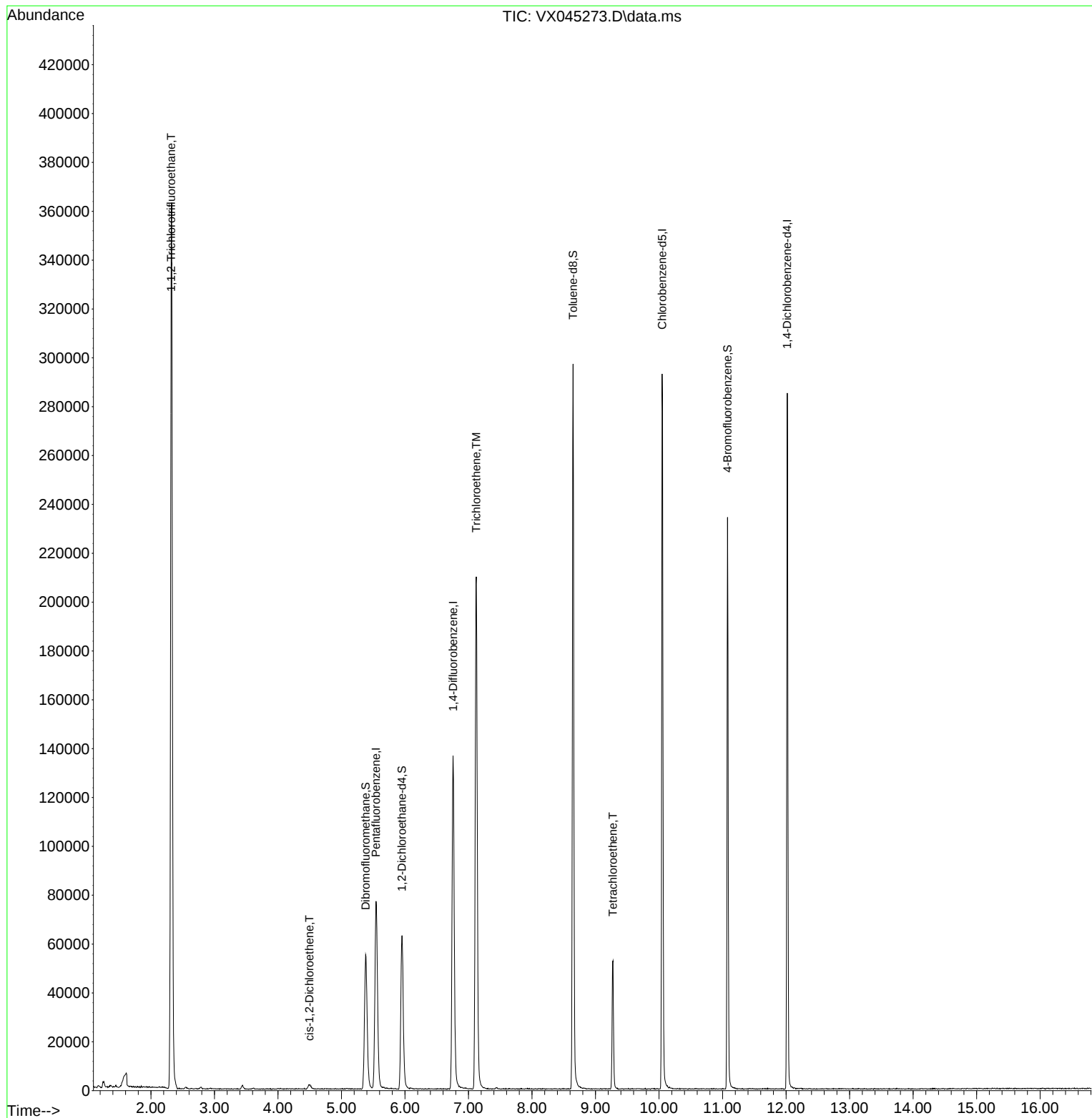
Internal Standards						
1) Pentafluorobenzene	5.544	168	69221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137405	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60400	54.856	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.720%	
35) Dibromofluoromethane	5.379	113	46739	50.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.740%	
50) Toluene-d8	8.647	98	168759	50.664	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.320%	
62) 4-Bromofluorobenzene	11.079	95	58286	52.806	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 105.620%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	146958	182.665	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	1527	1.472	ug/l	89
44) Trichloroethene	7.123	130	79338	84.919	ug/l	99
64) Tetrachloroethene	9.275	164	9347	11.634	ug/l	98

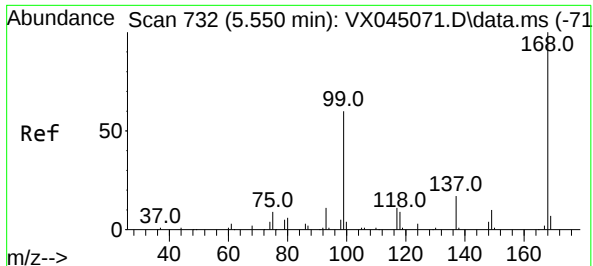
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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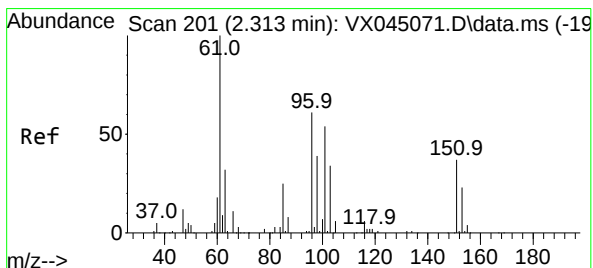
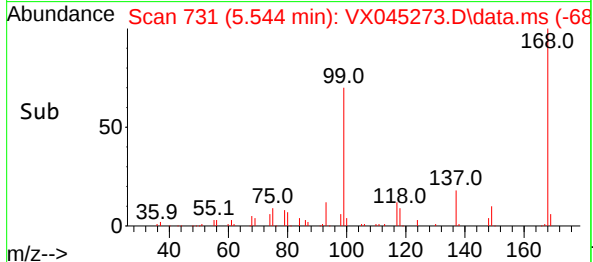
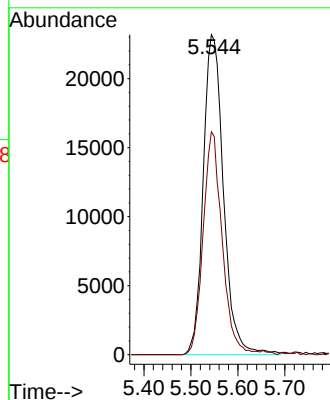
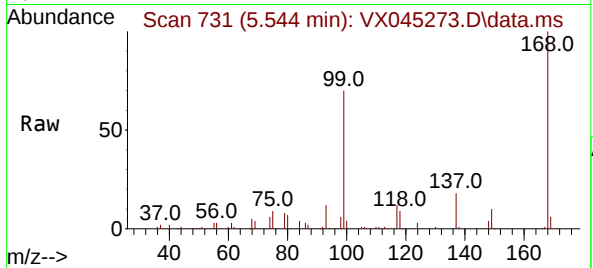




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

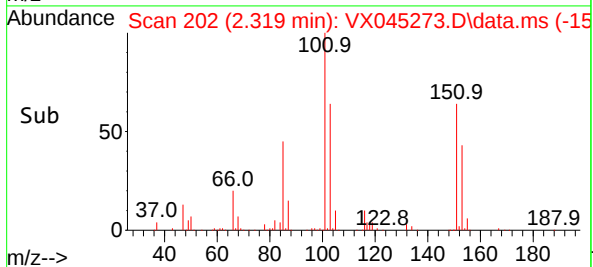
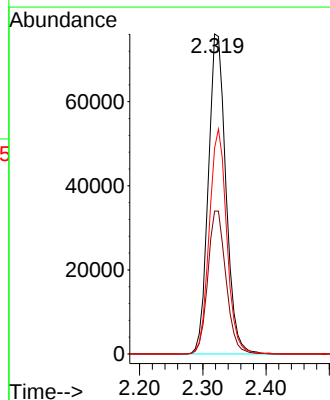
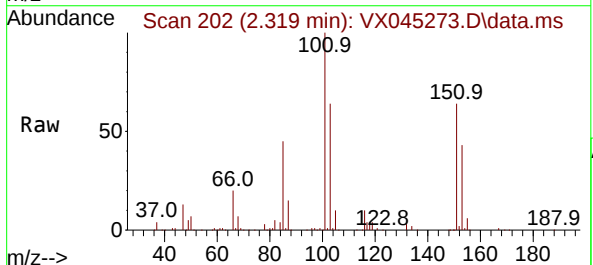
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20250310

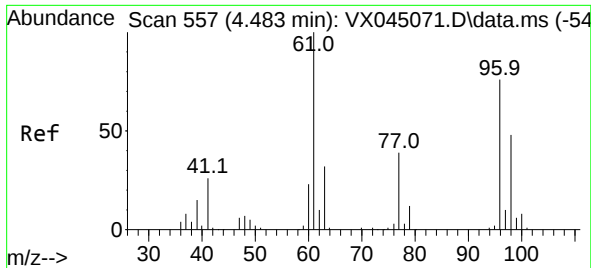
Tgt Ion:168 Resp: 69221
Ion Ratio Lower Upper
168 100
99 69.7 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 182.665 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

Tgt Ion:101 Resp: 146958
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 69.9 56.4 84.6





#27

cis-1,2-Dichloroethene

Concen: 1.472 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045273.D

Acq: 13 Mar 2025 16:43

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20250310

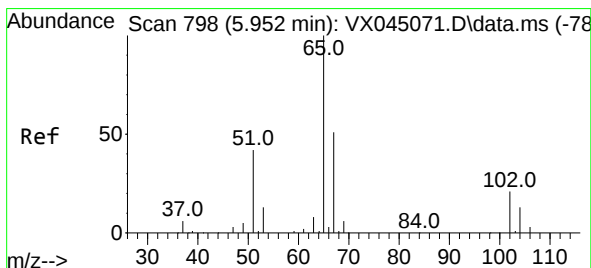
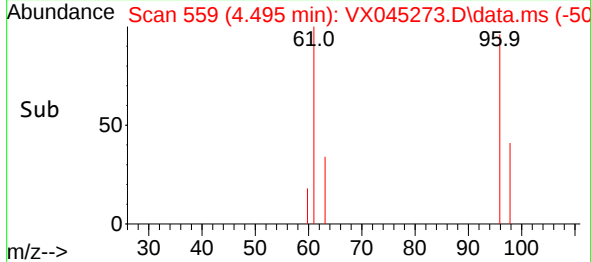
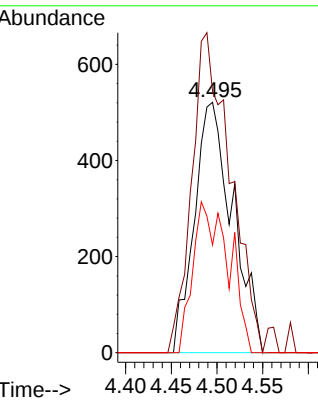
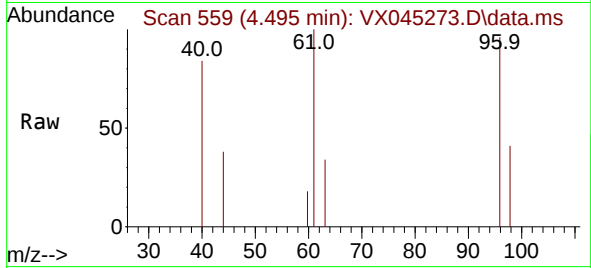
Tgt Ion: 96 Resp: 1527

Ion Ratio Lower Upper

96 100

61 128.0 0.0 283.2

98 56.0 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 54.856 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045273.D

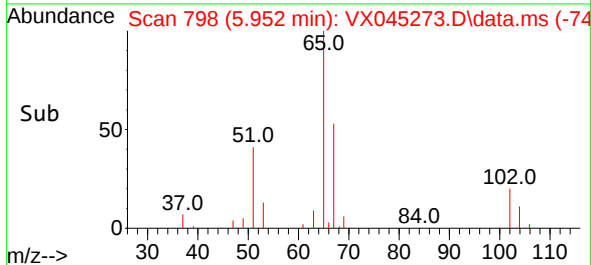
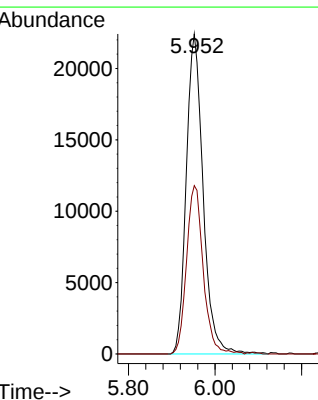
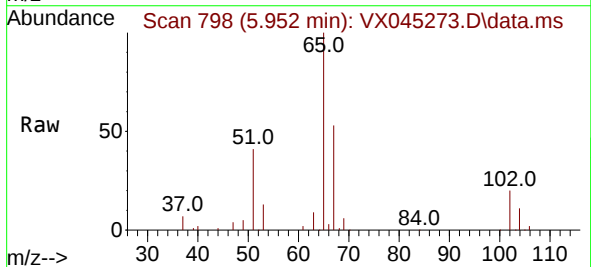
Acq: 13 Mar 2025 16:43

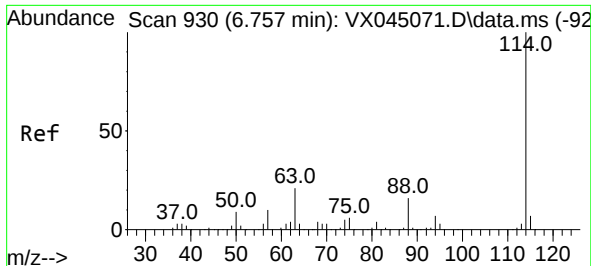
Tgt Ion: 65 Resp: 60400

Ion Ratio Lower Upper

65 100

67 52.3 0.0 106.2

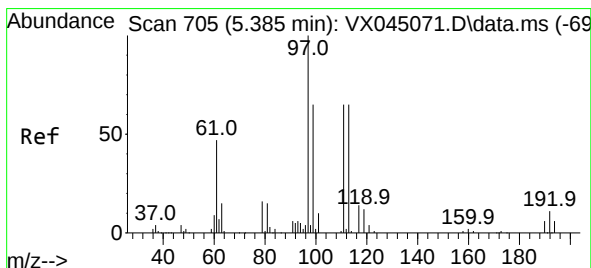
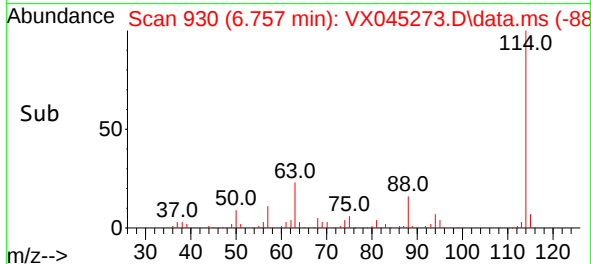
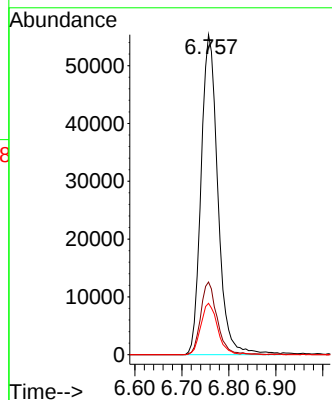
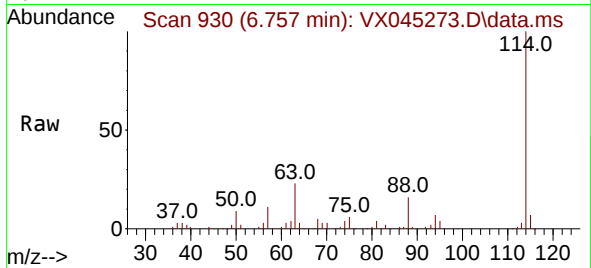




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

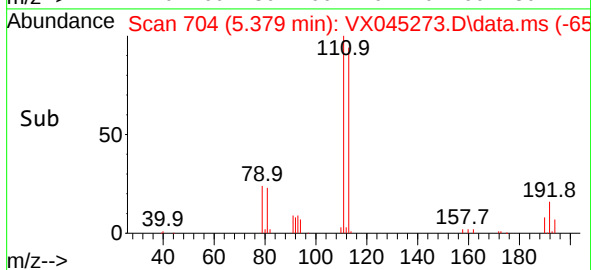
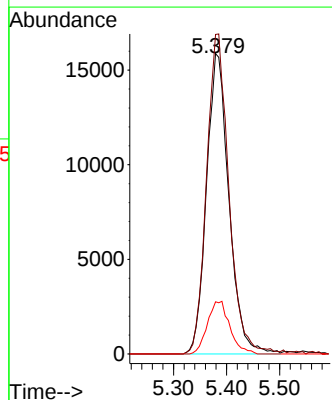
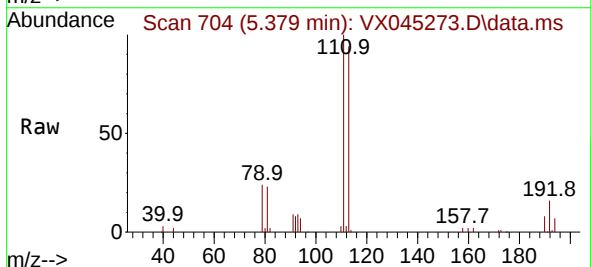
Instrument :
MSVOA_X
ClientSampleId :
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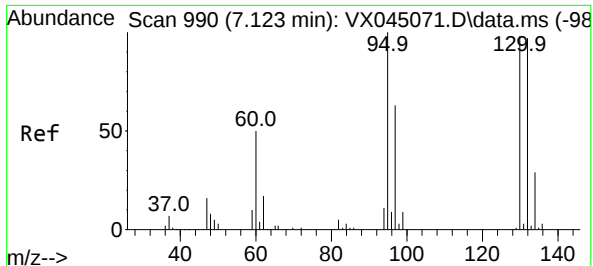
Tgt Ion:114 Resp: 137405
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.870 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

Tgt Ion:113 Resp: 46739
Ion Ratio Lower Upper
113 100
111 105.7 81.8 122.6
192 17.5 14.3 21.5

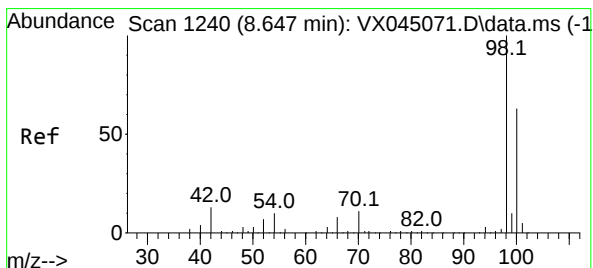
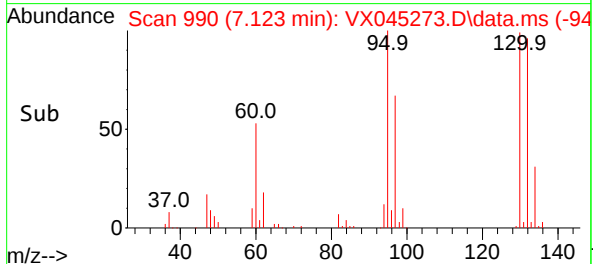
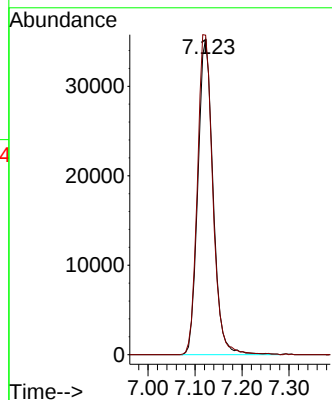
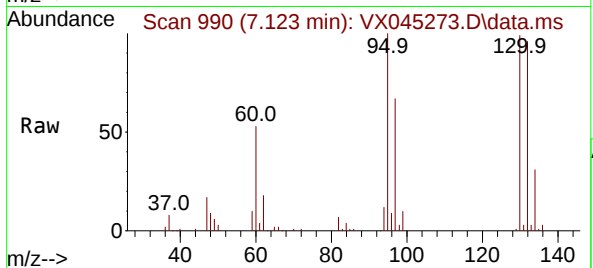




#44
Trichloroethene
Concen: 84.919 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

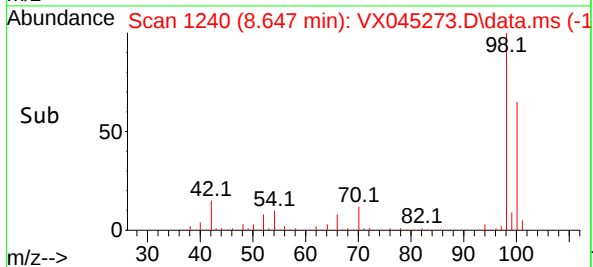
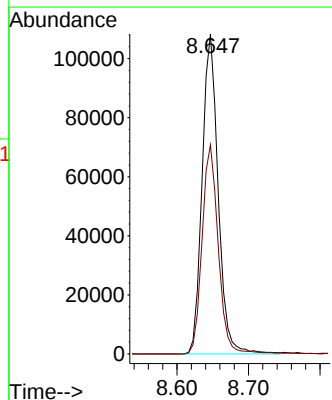
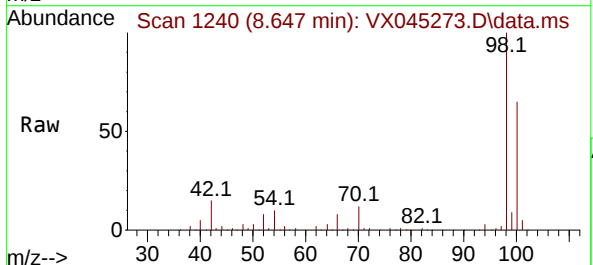
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20250310

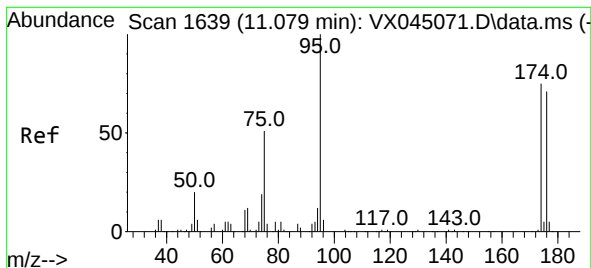
Tgt Ion:130 Resp: 79338
Ion Ratio Lower Upper
130 100
95 101.4 0.0 205.0



#50
Toluene-d8
Concen: 50.664 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

Tgt Ion: 98 Resp: 168759
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

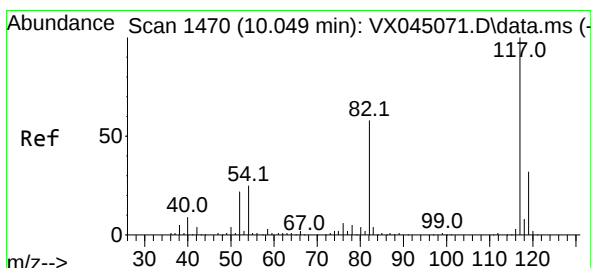
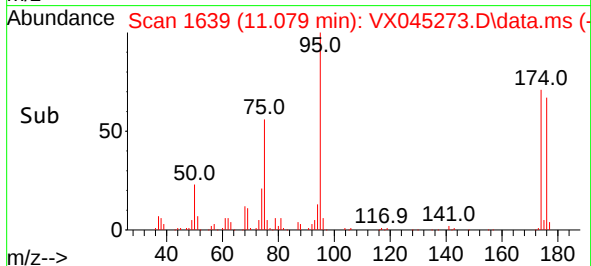
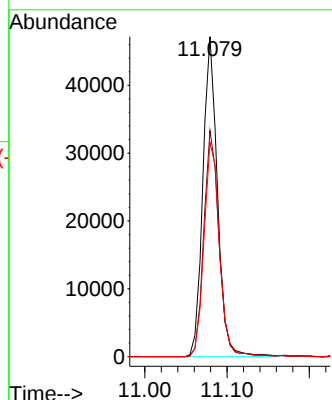
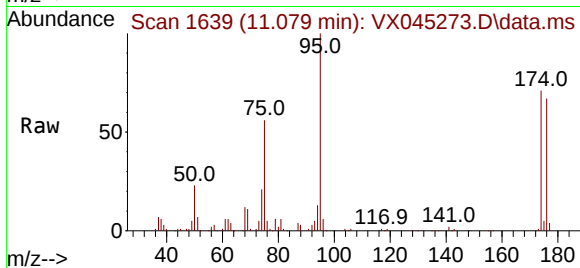




#62
4-Bromofluorobenzene
Concen: 52.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

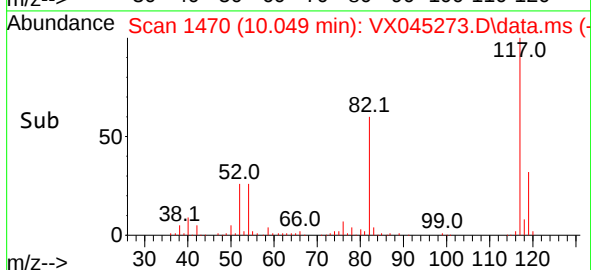
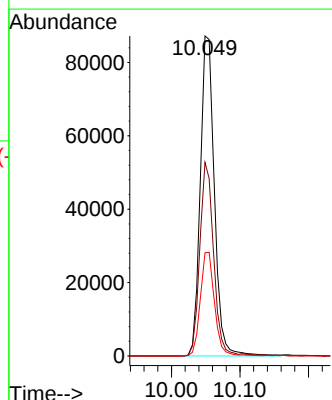
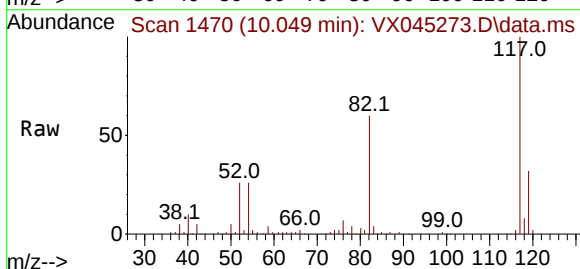
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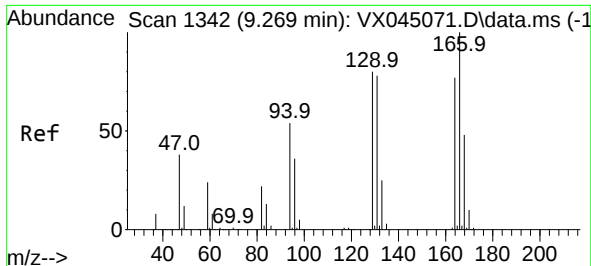
Tgt Ion: 95 Resp: 58286
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.2
176 70.7 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

Tgt Ion: 117 Resp: 125442
Ion Ratio Lower Upper
117 100
82 60.5 46.3 69.5
119 32.3 25.7 38.5

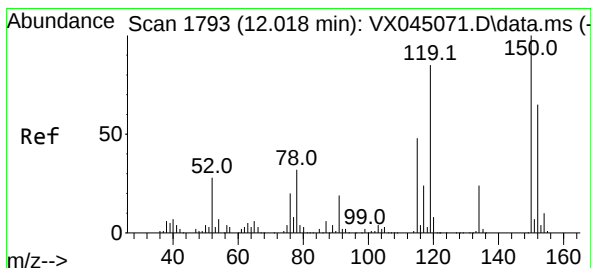
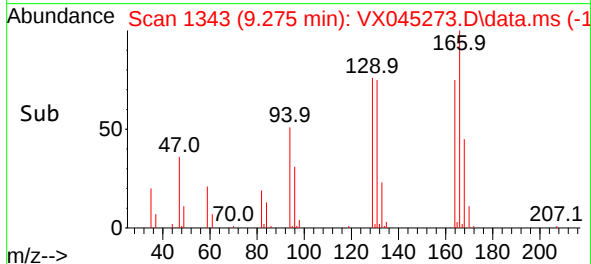
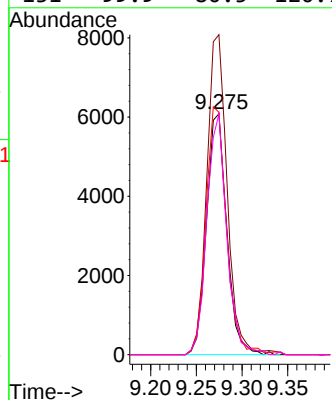
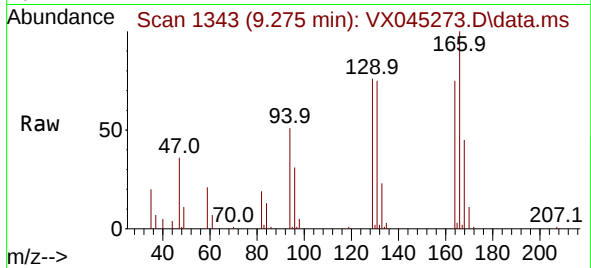




#64
Tetrachloroethene
Concen: 11.634 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	9347	
Ion	Ratio	Lower	Upper
164	100		
166	132.8	103.6	155.4
129	100.6	82.7	124.1
131	99.9	80.5	120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045273.D
Acq: 13 Mar 2025 16:43

Tgt Ion:152	Resp:	54042	
Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.2	132.6
150	154.2	0.0	349.0

