

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045368.D
 Acq On : 20 Mar 2025 17:55
 Operator : JC/MD
 Sample : Q1582-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20250313

Quant Time: Mar 21 01:52:19 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)

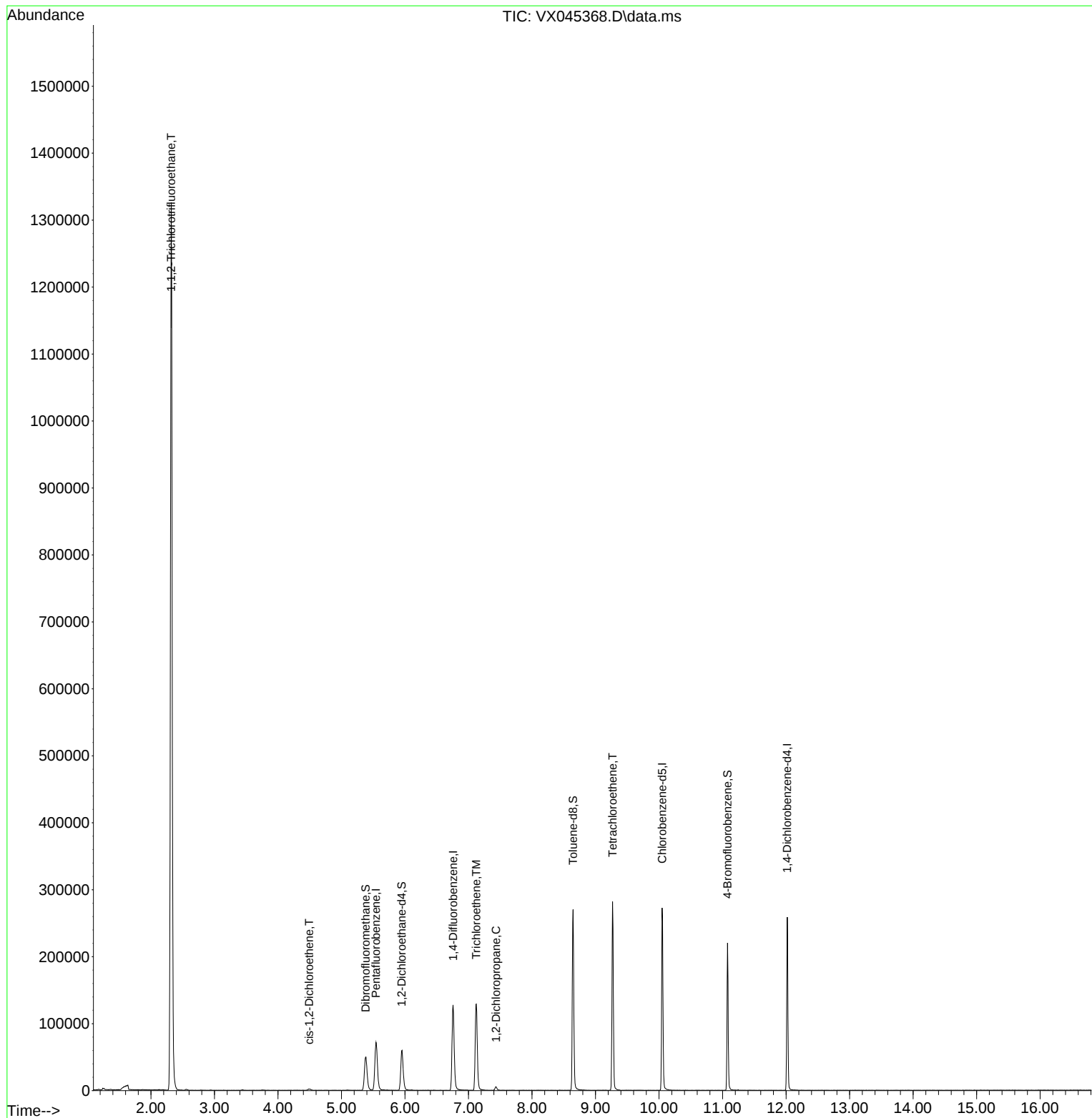
Internal Standards						
1) Pentafluorobenzene	5.544	168	62724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	57798	57.930	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.860%
35) Dibromofluoromethane	5.379	113	44178	52.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.920%
50) Toluene-d8	8.647	98	158129	52.289	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.580%
62) 4-Bromofluorobenzene	11.079	95	55300	55.184	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.360%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.319	101	525636	721.028	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	1287	1.369	ug/l	91
44) Trichloroethene	7.123	130	49305	58.127	ug/l	97
45) 1,2-Dichloropropane	7.434	63	2064	2.222	ug/l	93
64) Tetrachloroethene	9.269	164	48799	64.920	ug/l	96

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

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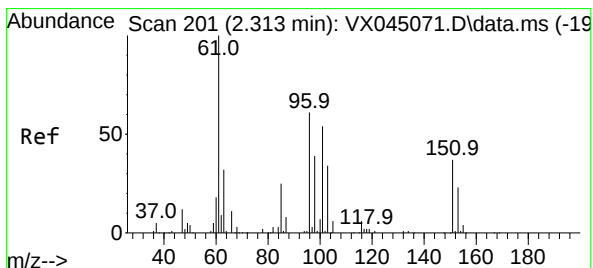
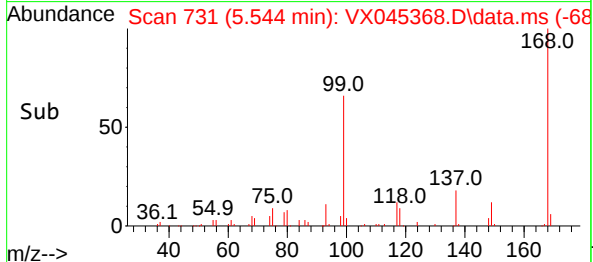
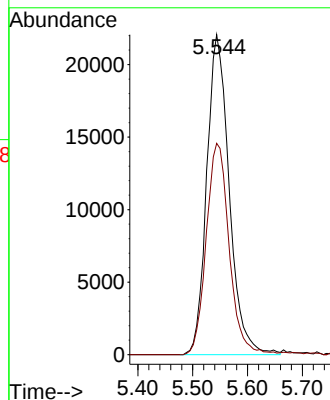
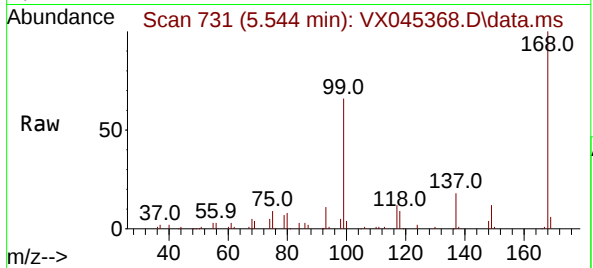




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

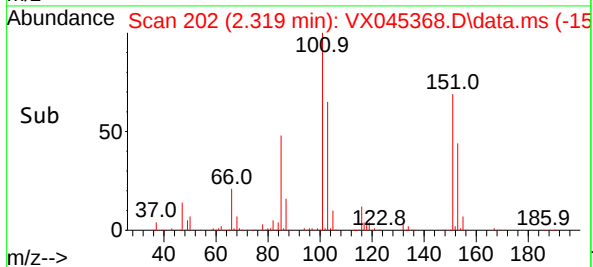
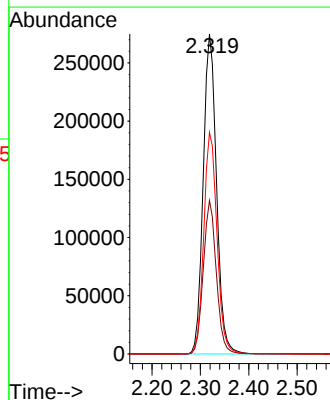
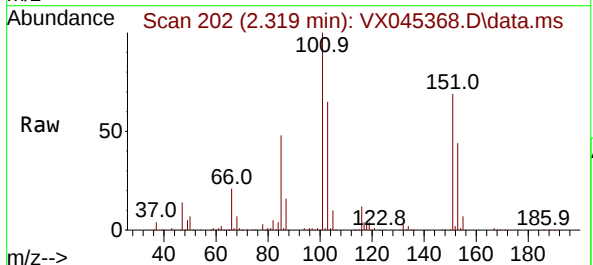
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313

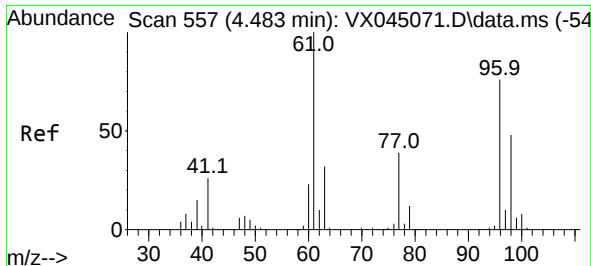
Tgt Ion:168 Resp: 62724
Ion Ratio Lower Upper
168 100
99 66.1 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 721.028 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

Tgt Ion:101 Resp: 525636
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 69.2 56.4 84.6





#27

cis-1,2-Dichloroethene

Concen: 1.369 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX045368.D

Acq: 20 Mar 2025 17:55

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20250313

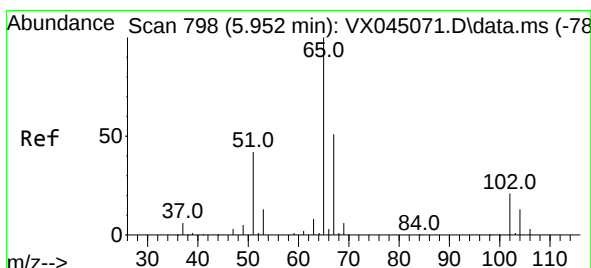
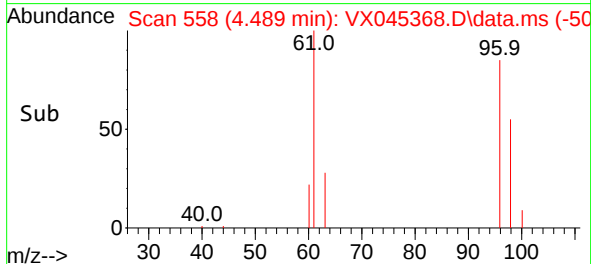
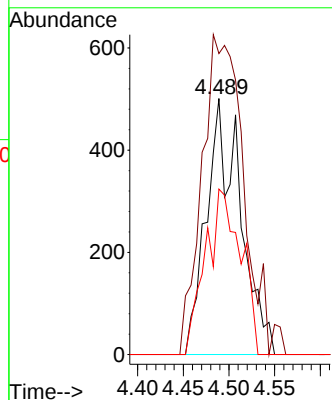
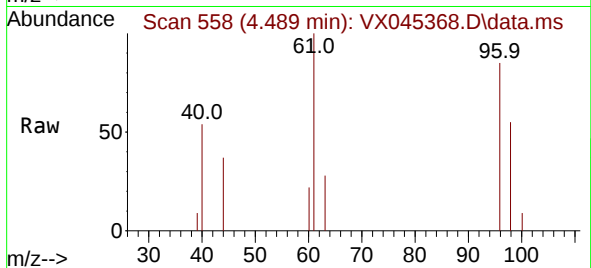
Tgt Ion: 96 Resp: 1287

Ion Ratio Lower Upper

96 100

61 154.8 0.0 283.2

98 67.8 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 57.930 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX045368.D

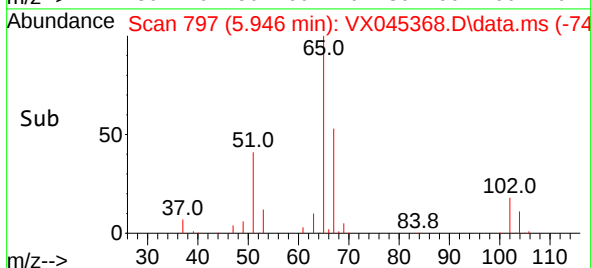
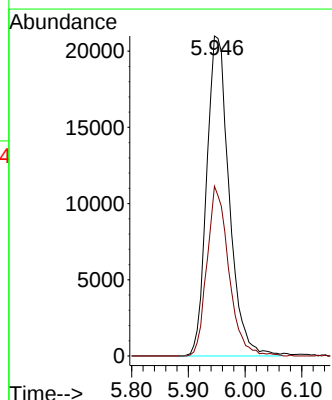
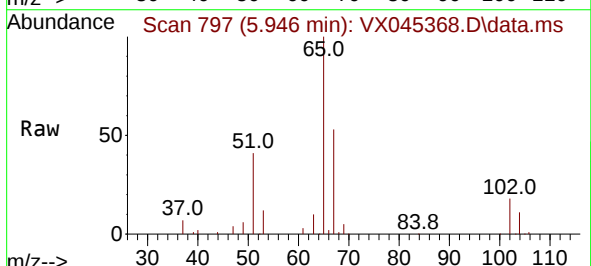
Acq: 20 Mar 2025 17:55

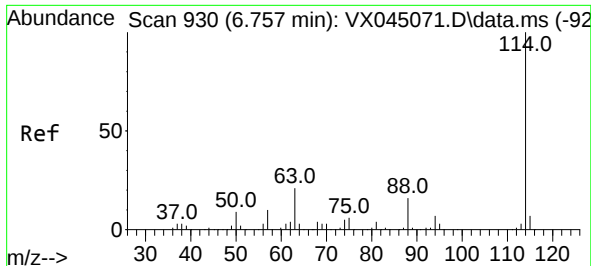
Tgt Ion: 65 Resp: 57798

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.2

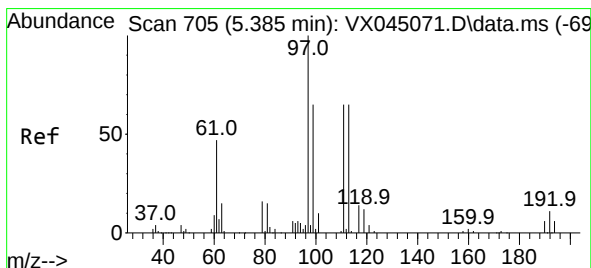
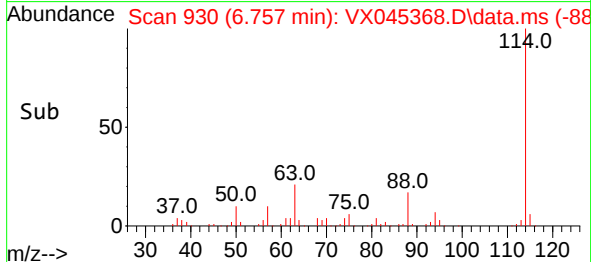
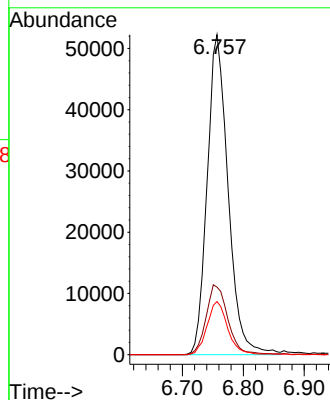
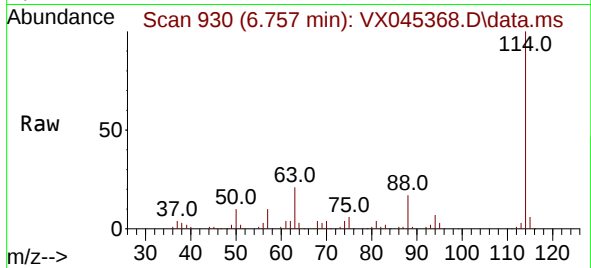




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

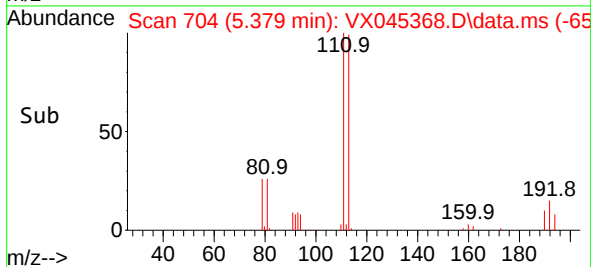
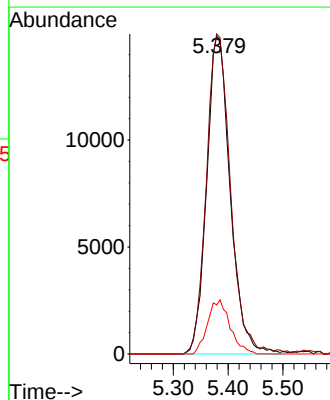
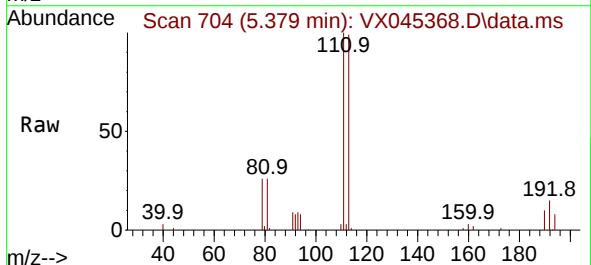
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313

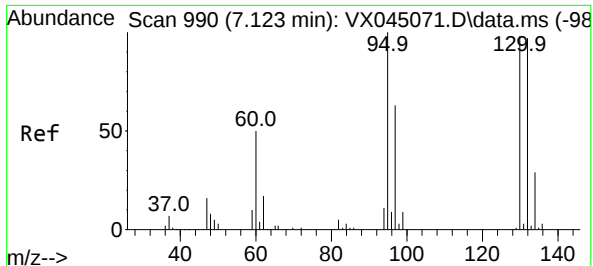
Tgt Ion:114 Resp: 124749
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.961 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

Tgt Ion:113 Resp: 44178
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.6
192 16.3 14.3 21.5

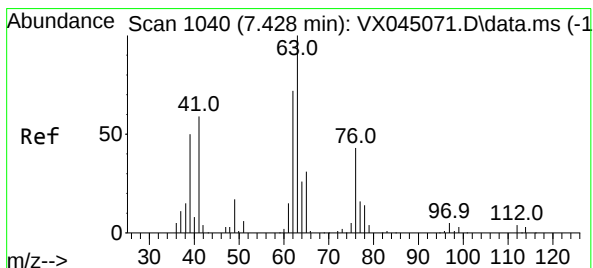
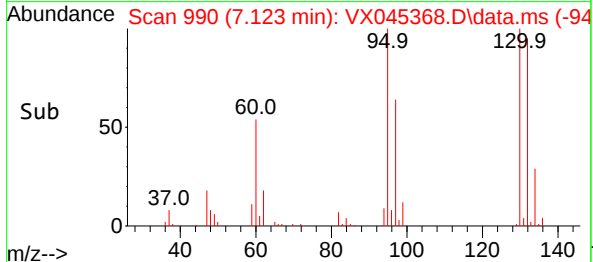
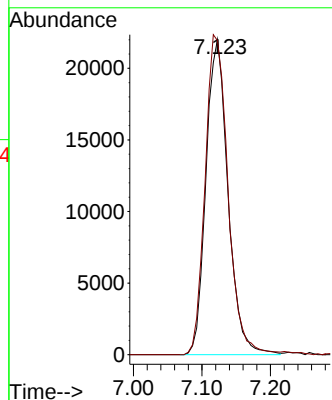
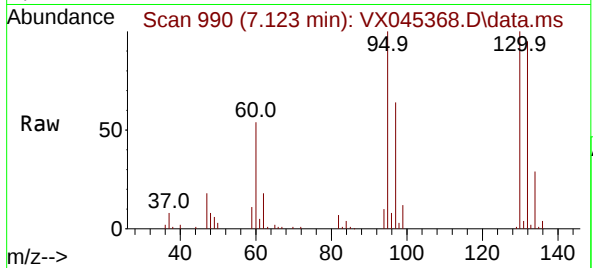




#44
Trichloroethene
Concen: 58.127 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

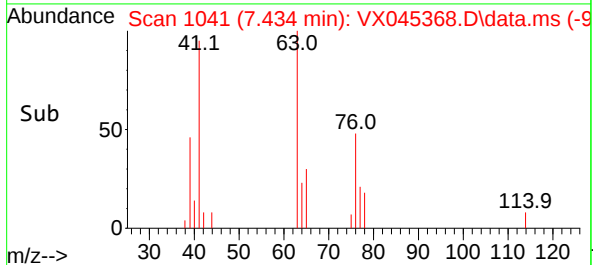
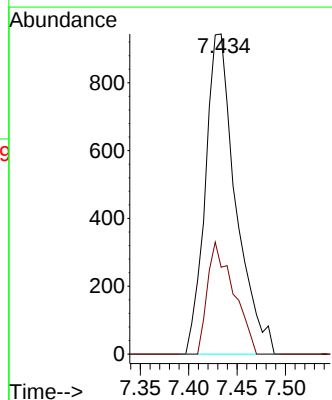
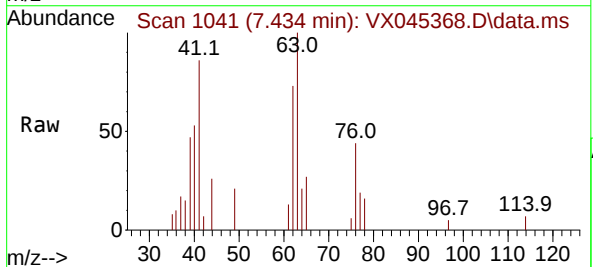
Instrument :
MSVOA_X
ClientSampleId :
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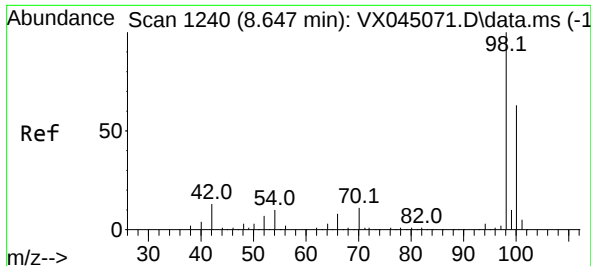
Tgt Ion:130 Resp: 49305
Ion Ratio Lower Upper
130 100
95 99.6 0.0 205.0



#45
1,2-Dichloropropane
Concen: 2.222 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

Tgt Ion: 63 Resp: 2064
Ion Ratio Lower Upper
63 100
65 27.1 24.7 37.1

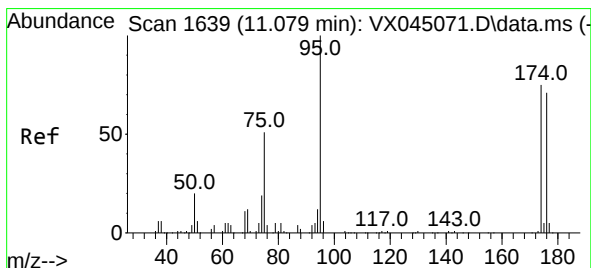
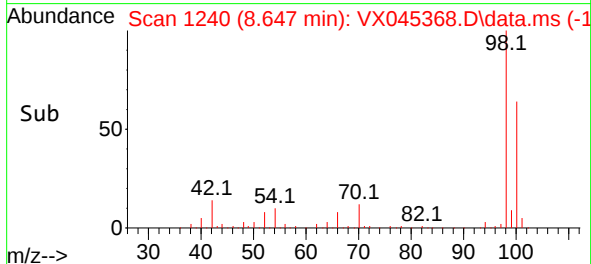
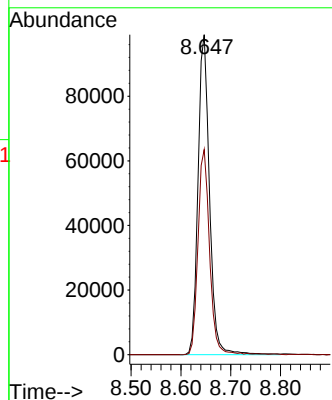
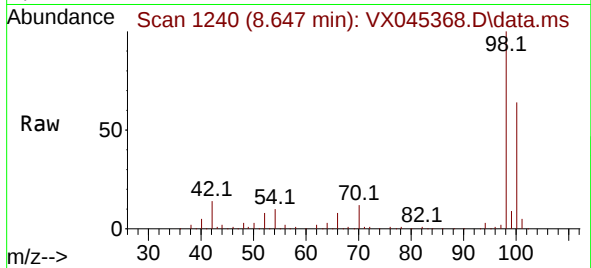




#50
Toluene-d8
Concen: 52.289 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

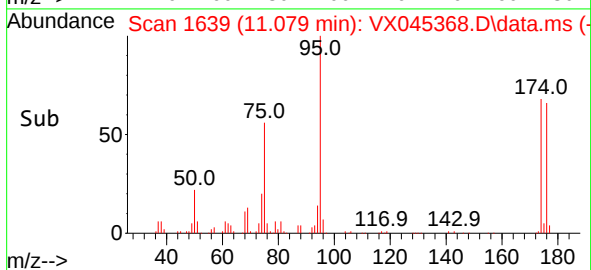
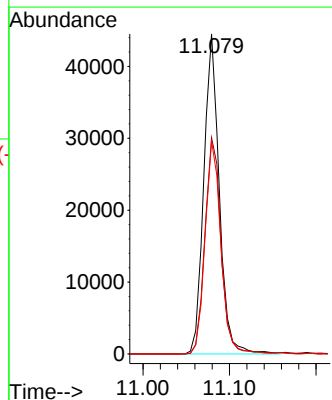
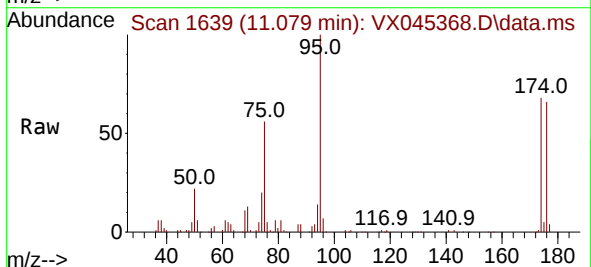
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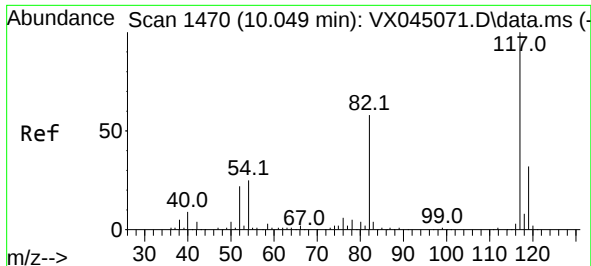
Tgt Ion: 98 Resp: 158129
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.184 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

Tgt Ion: 95 Resp: 55300
Ion Ratio Lower Upper
95 100
174 70.2 0.0 148.2
176 67.8 0.0 141.4

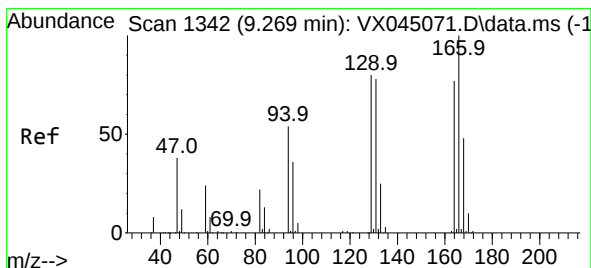
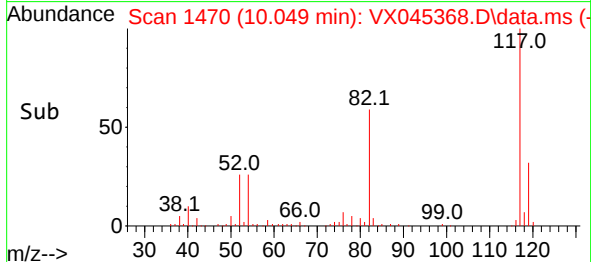
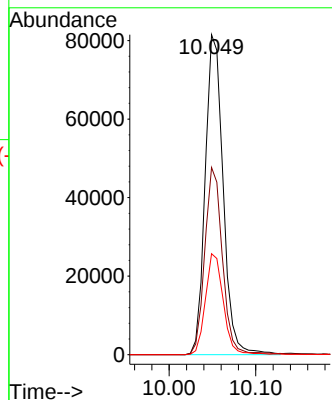
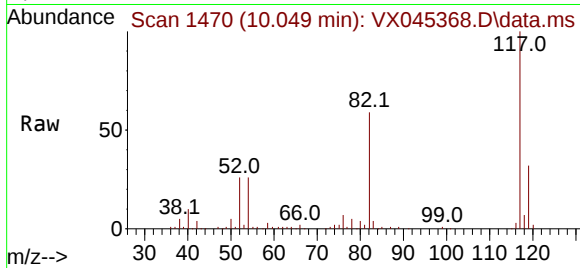




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

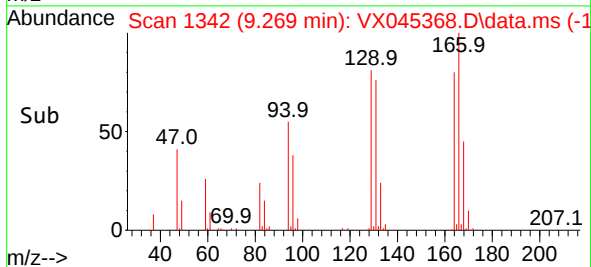
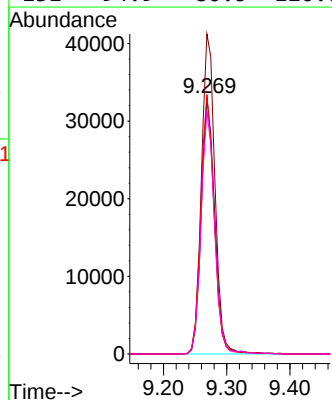
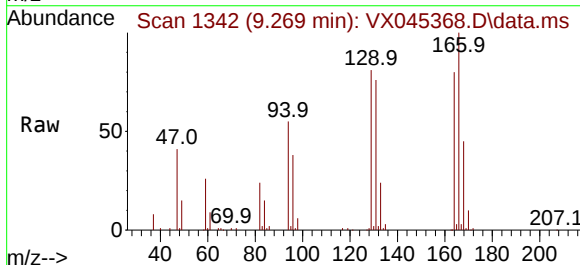
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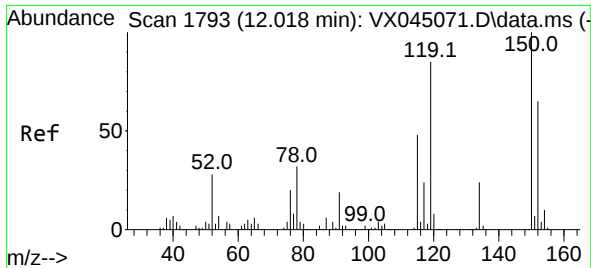
Tgt Ion:117	Resp:	117366
Ion	Ratio	Lower Upper
117	100	
82	58.5	46.3 69.5
119	31.5	25.7 38.5



#64
Tetrachloroethene
Concen: 64.920 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045368.D
Acq: 20 Mar 2025 17:55

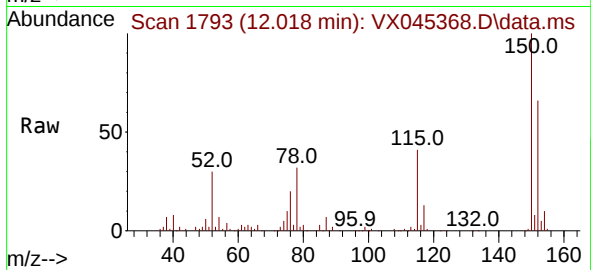
Tgt Ion:164	Resp:	48799
Ion	Ratio	Lower Upper
164	100	
166	125.0	103.6 155.4
129	101.3	82.7 124.1
131	94.9	80.5 120.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045368.D
 Acq: 20 Mar 2025 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20250313



Tgt Ion:152 Resp: 48478
 Ion Ratio Lower Upper
 152 100
 115 61.9 44.2 132.6
 150 155.4 0.0 349.0

