

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045330.D
 Acq On : 18 Mar 2025 17:10
 Operator : JC/MD
 Sample : Q1559-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250312

Quant Time: Mar 19 01:47:34 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)

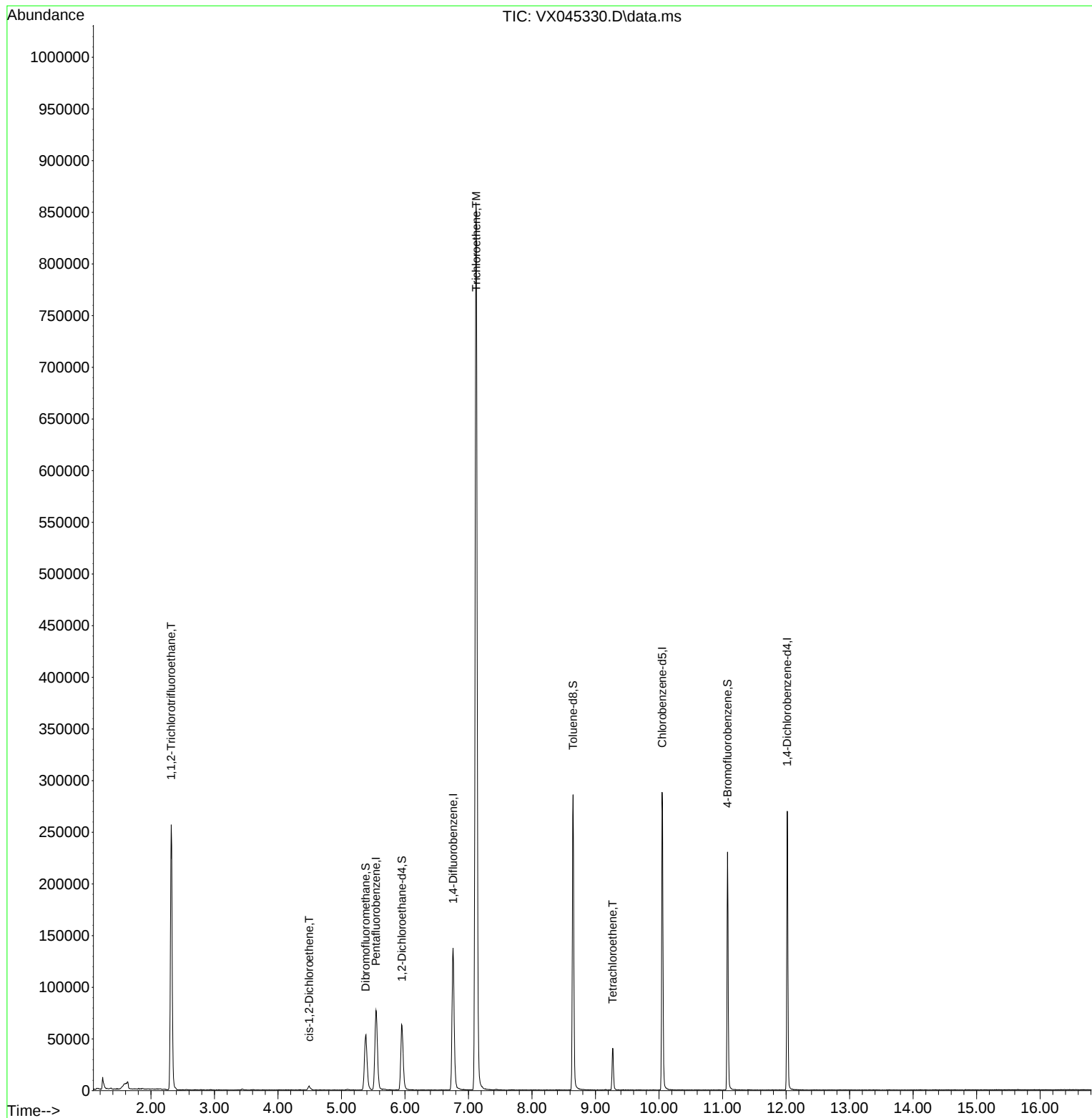
Internal Standards						
1) Pentafluorobenzene	5.544	168	68067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134006	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60232	55.631	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.260%
35) Dibromofluoromethane	5.379	113	46719	52.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.280%
50) Toluene-d8	8.647	98	166985	51.403	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.800%
62) 4-Bromofluorobenzene	11.079	95	59036	54.842	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.680%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.318	101	100646	127.222	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	2327	2.281	ug/l	95
44) Trichloroethene	7.123	130	317643	348.611	ug/l	100
64) Tetrachloroethene	9.268	164	7527	9.554	ug/l	88

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

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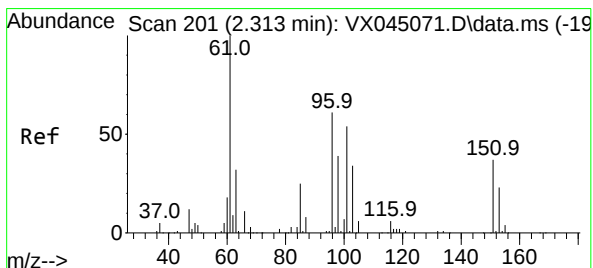
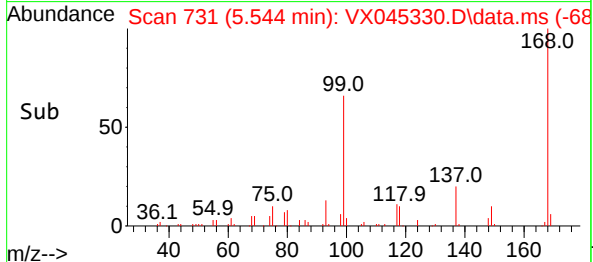
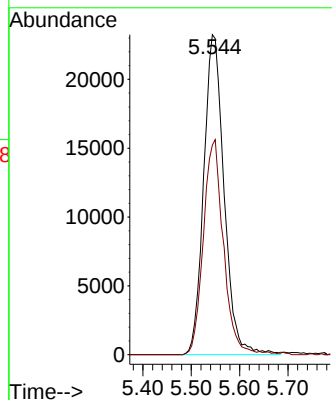
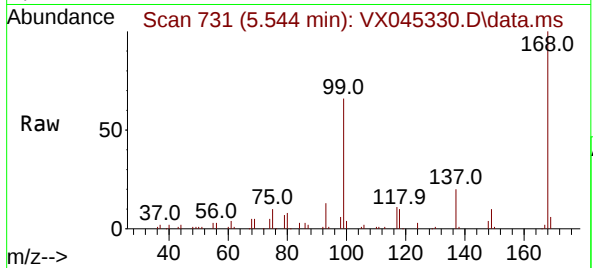




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045330.D
Acq: 18 Mar 2025 17:10

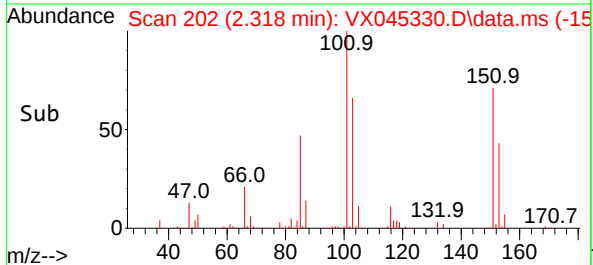
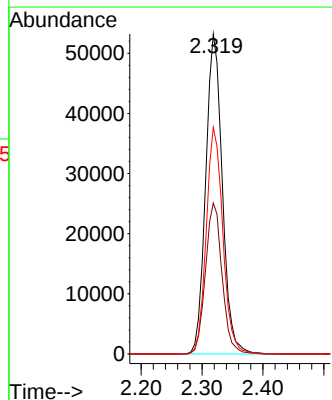
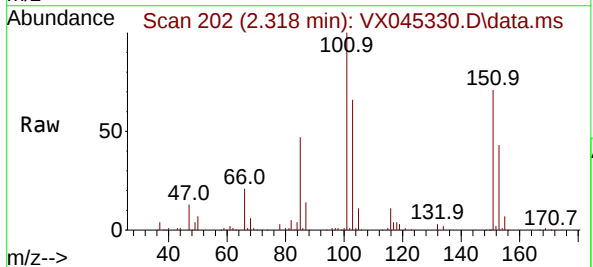
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250312

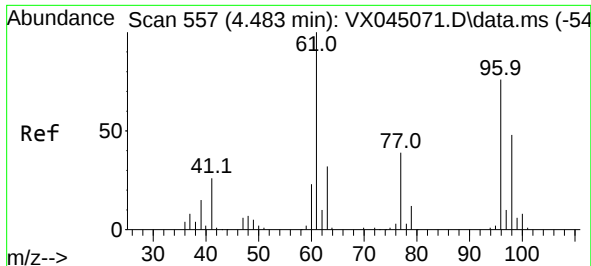
Tgt Ion:168 Resp: 68067
Ion Ratio Lower Upper
168 100
99 65.5 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 127.222 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045330.D
Acq: 18 Mar 2025 17:10

Tgt Ion:101 Resp: 100646
Ion Ratio Lower Upper
101 100
85 47.2 36.2 54.4
151 70.8 56.4 84.6





#27

cis-1,2-Dichloroethene

Concen: 2.281 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX045330.D

Acq: 18 Mar 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20250312

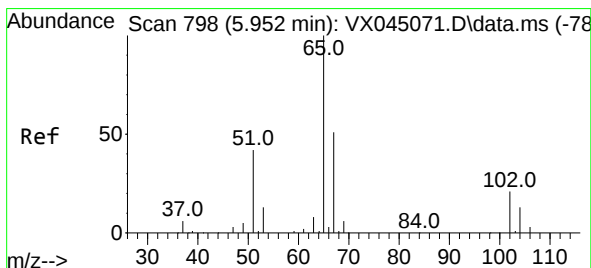
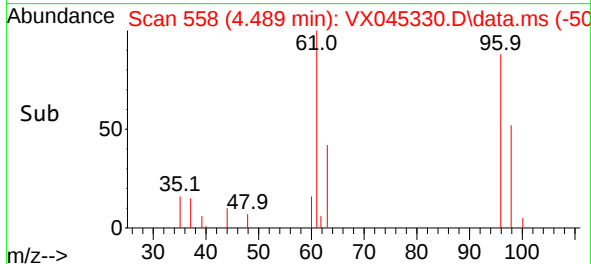
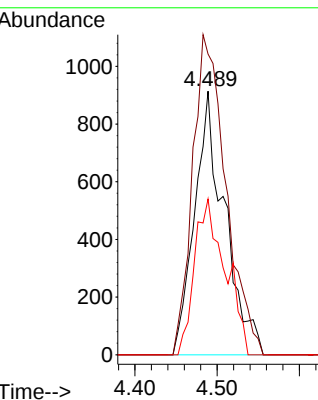
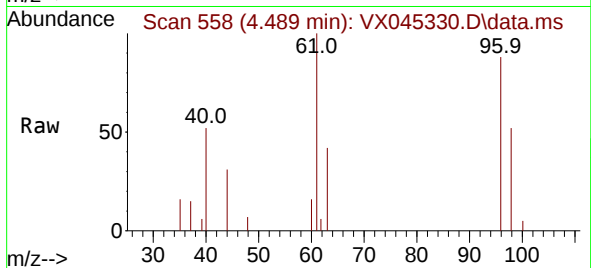
Tgt Ion: 96 Resp: 2327

Ion Ratio Lower Upper

96 100

61 134.5 0.0 283.2

98 60.3 0.0 128.0



#33

1,2-Dichloroethane-d4

Concen: 55.631 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045330.D

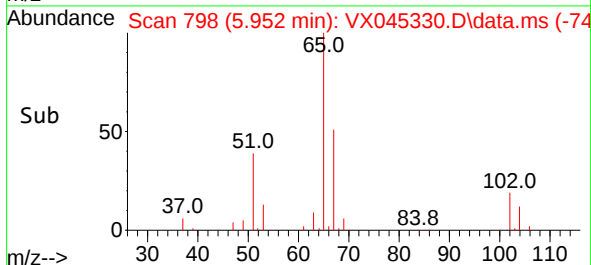
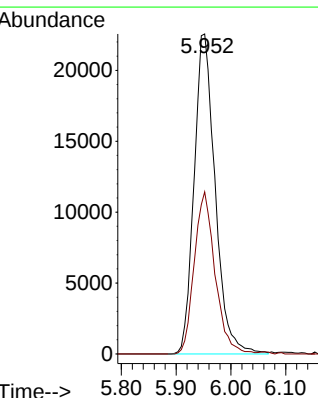
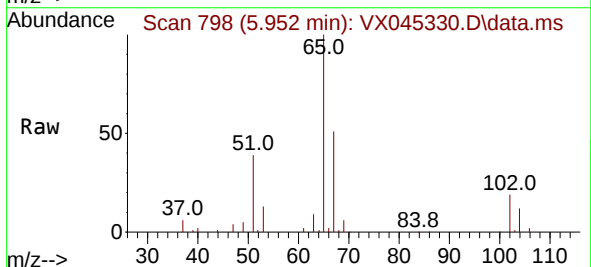
Acq: 18 Mar 2025 17:10

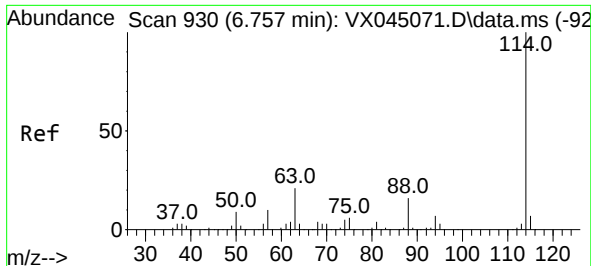
Tgt Ion: 65 Resp: 60232

Ion Ratio Lower Upper

65 100

67 49.9 0.0 106.2

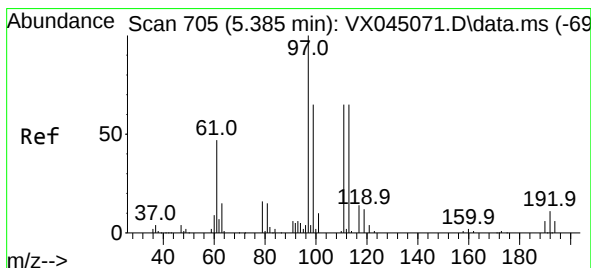
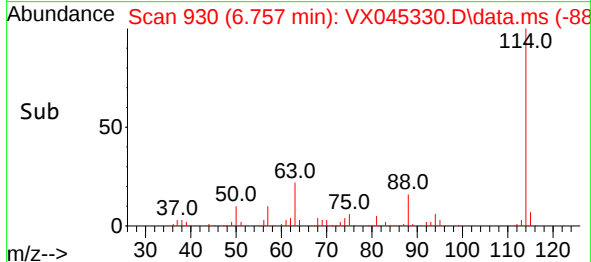
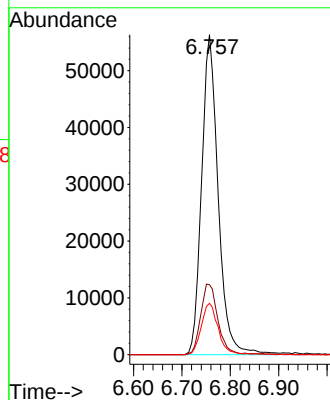
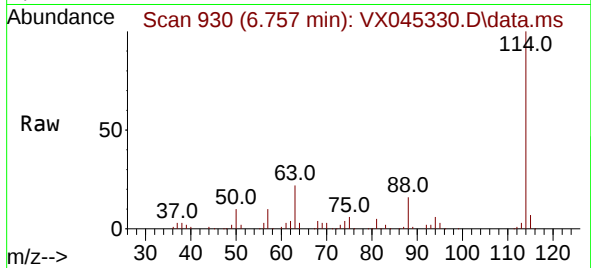




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045330.D
 Acq: 18 Mar 2025 17:10

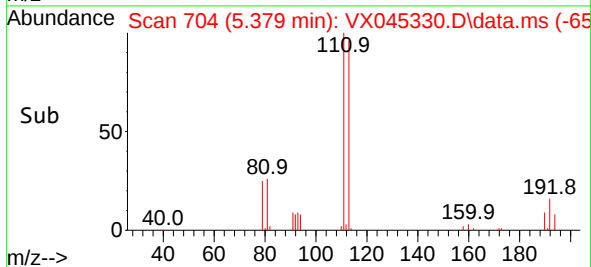
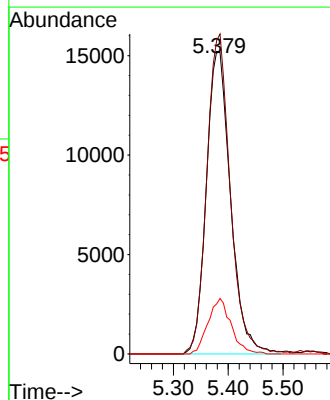
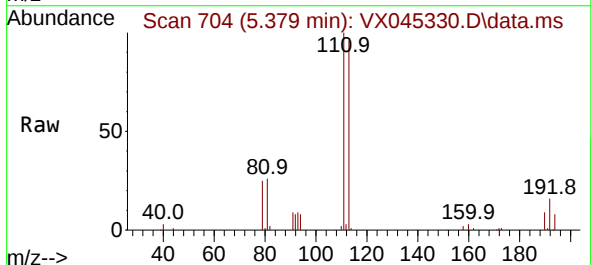
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20250312

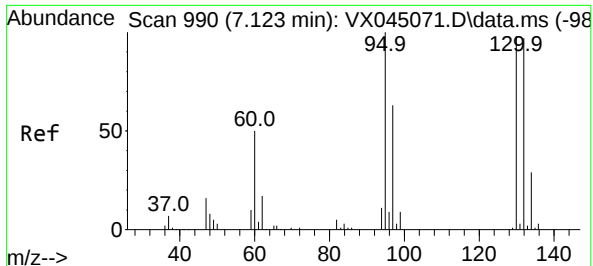
Tgt Ion:114 Resp: 134006
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.8
 88 16.0 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 52.138 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045330.D
 Acq: 18 Mar 2025 17:10

Tgt Ion:113 Resp: 46719
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.6
 192 17.5 14.3 21.5

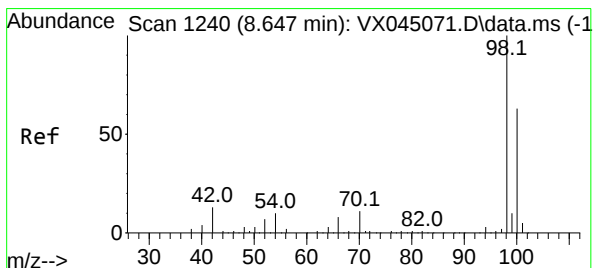
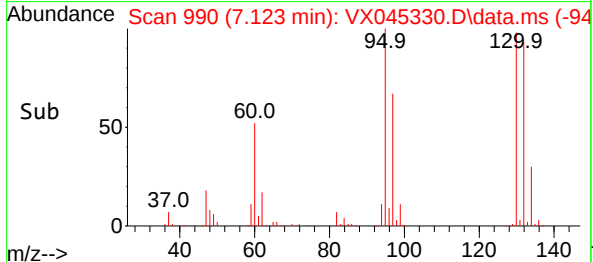
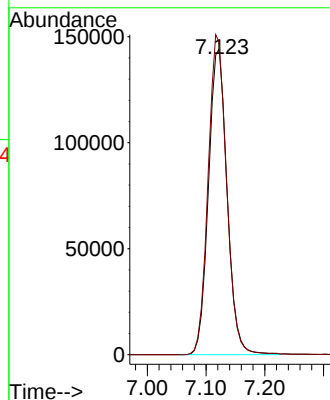
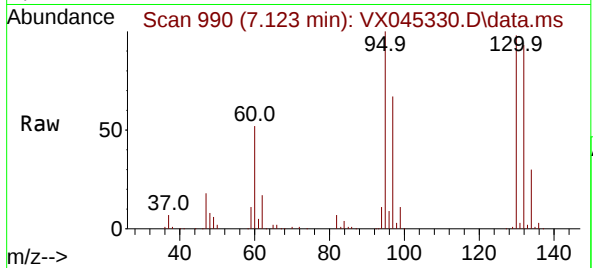




#44
Trichloroethene
Concen: 348.611 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045330.D
Acq: 18 Mar 2025 17:10

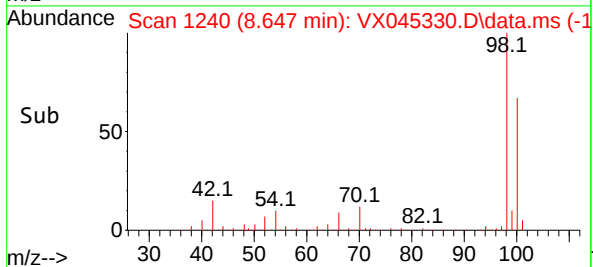
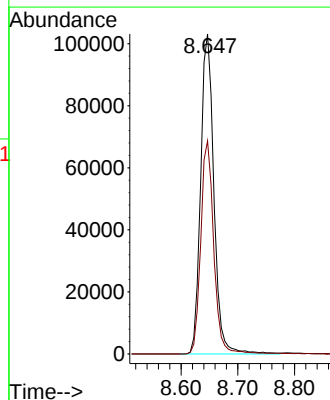
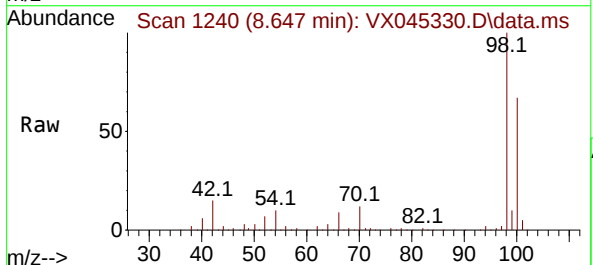
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20250312

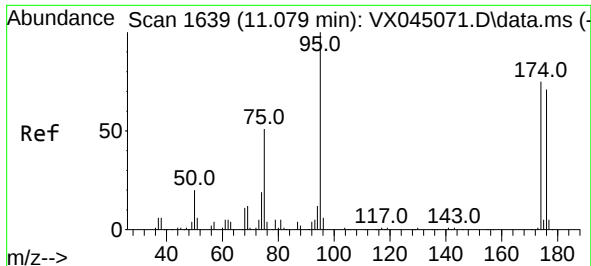
Tgt Ion:130 Resp: 317643
Ion Ratio Lower Upper
130 100
95 102.0 0.0 205.0



#50
Toluene-d8
Concen: 51.403 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045330.D
Acq: 18 Mar 2025 17:10

Tgt Ion: 98 Resp: 166985
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 54.842 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045330.D

Acq: 18 Mar 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20250312

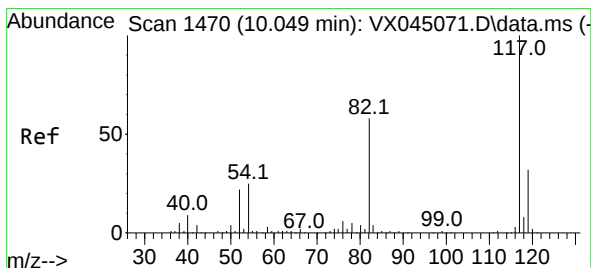
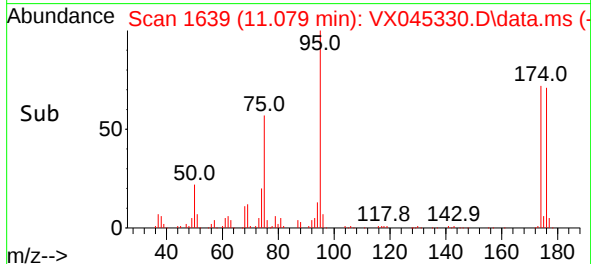
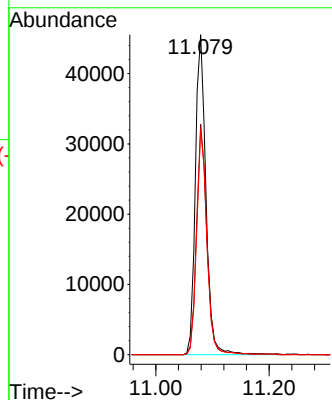
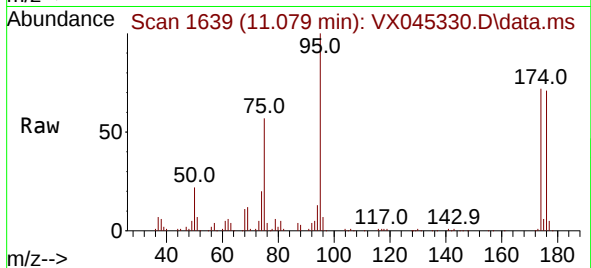
Tgt Ion: 95 Resp: 59036

Ion Ratio Lower Upper

95 100

174 70.6 0.0 148.2

176 67.9 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: VX045330.D

Acq: 18 Mar 2025 17:10

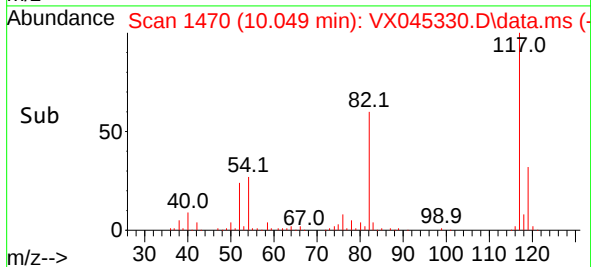
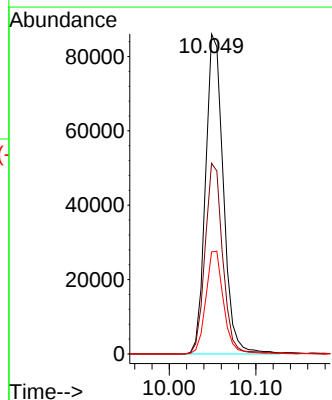
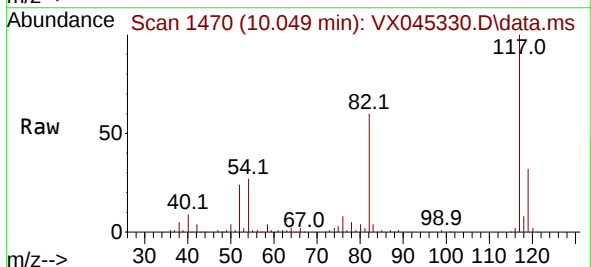
Tgt Ion: 117 Resp: 123016

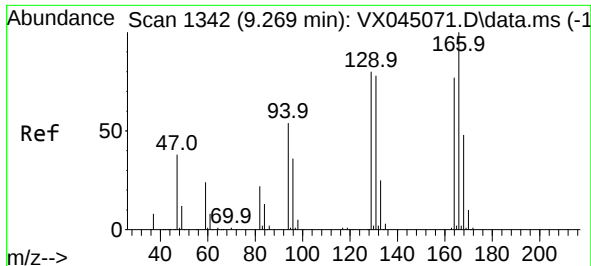
Ion Ratio Lower Upper

117 100

82 59.6 46.3 69.5

119 31.9 25.7 38.5

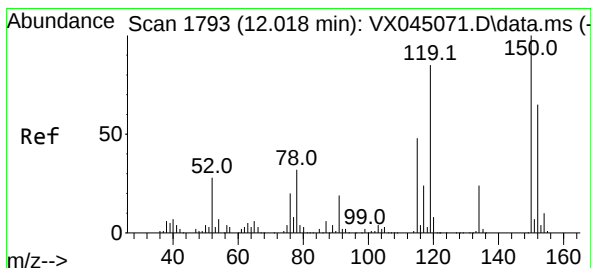
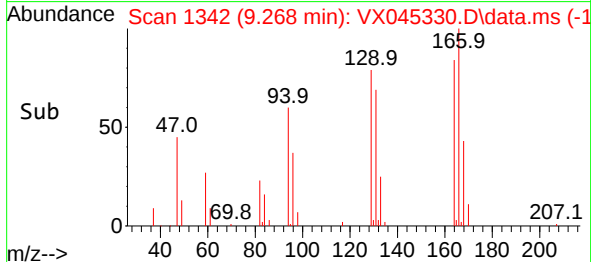
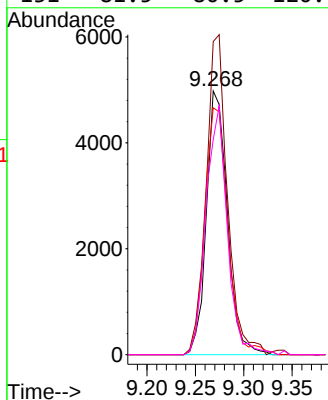
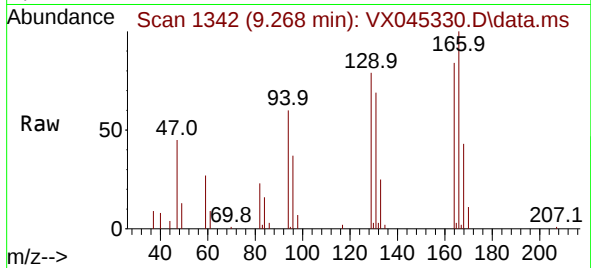




#64
Tetrachloroethene
Concen: 9.554 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045330.D
Acq: 18 Mar 2025 17:10

Instrument :
MSVOA_X
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RE120D2-20250312

Tgt Ion:164	Resp:	7527	
Ion	Ratio	Lower	Upper
164	100		
166	118.7	103.6	155.4
129	93.6	82.7	124.1
131	81.5	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: VX045330.D
Acq: 18 Mar 2025 17:10

Tgt Ion:152	Resp:	50819	
Ion	Ratio	Lower	Upper
152	100		
115	63.1	44.2	132.6
150	157.0	0.0	349.0

