

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045382.D
 Acq On : 21 Mar 2025 12:54
 Operator : JC/MD
 Sample : Q1582-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20250313DL

Quant Time: Mar 21 23:14:05 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)

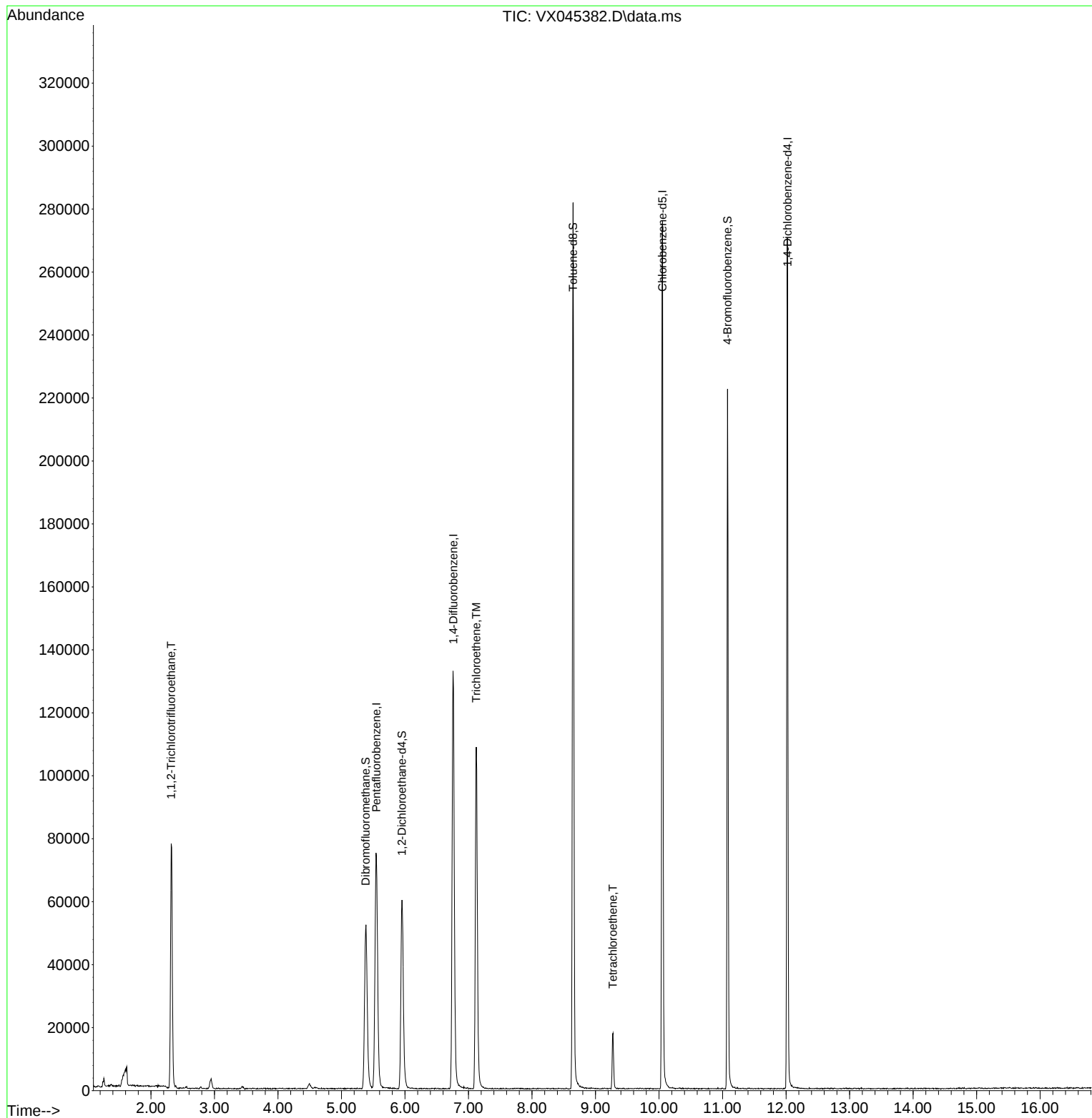
Internal Standards						
1) Pentafluorobenzene	5.549	168	66532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	130418	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59816	56.521	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.040%		
35) Dibromofluoromethane	5.379	113	45129	51.749	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.500%		
50) Toluene-d8	8.646	98	160343	50.716	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.440%		
62) 4-Bromofluorobenzene	11.079	95	55986	53.440	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.880%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.318	101	31012	40.105	ug/l	99
44) Trichloroethene	7.122	130	40346	45.498	ug/l	97
64) Tetrachloroethene	9.274	164	3234	4.193	ug/l	91

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

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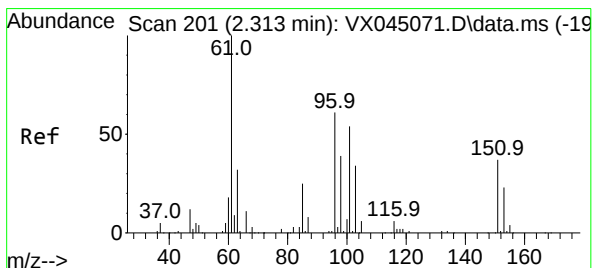
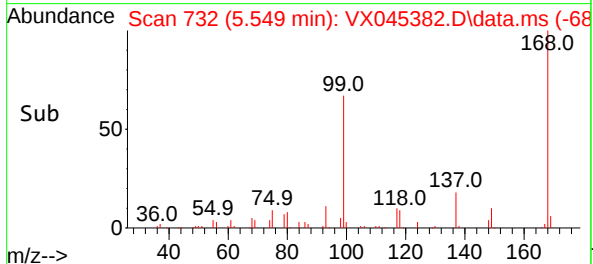
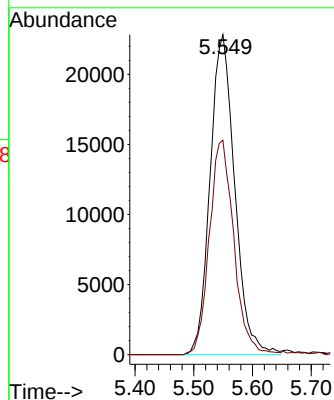
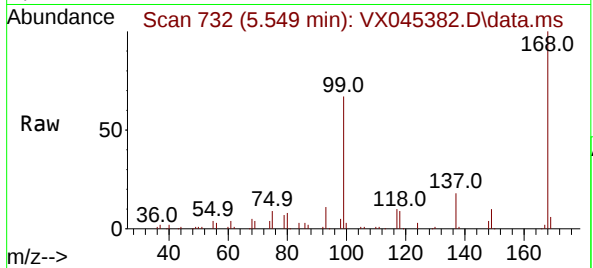




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045382.D
Acq: 21 Mar 2025 12:54

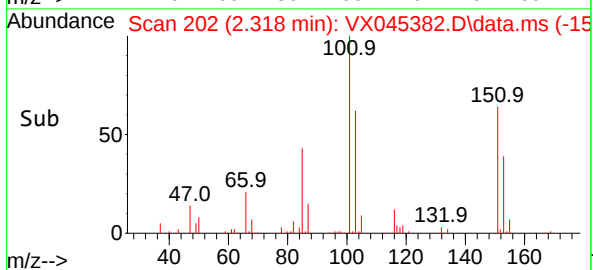
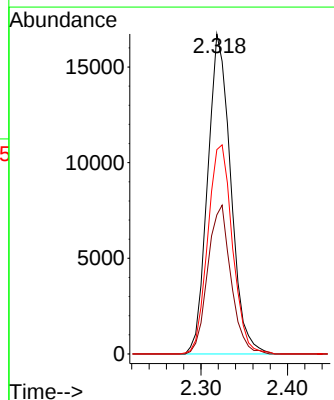
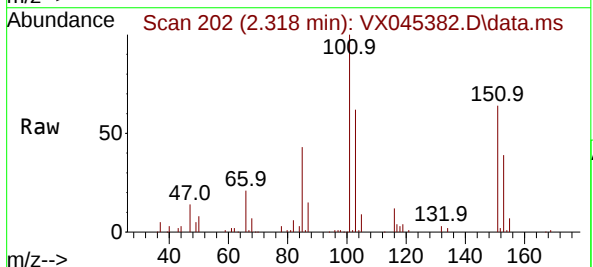
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250313DL

Tgt Ion:168 Resp: 66532
Ion Ratio Lower Upper
168 100
99 67.0 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.105 ug/l
RT: 2.318 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045382.D
Acq: 21 Mar 2025 12:54

Tgt Ion:101 Resp: 31012
Ion Ratio Lower Upper
101 100
85 46.6 36.2 54.4
151 69.8 56.4 84.6

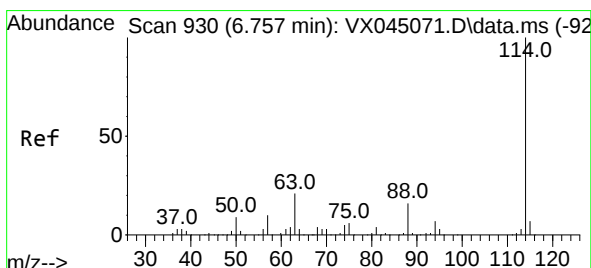
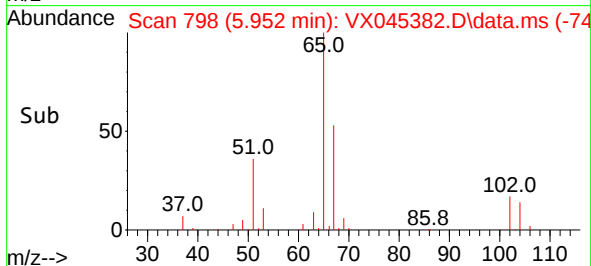
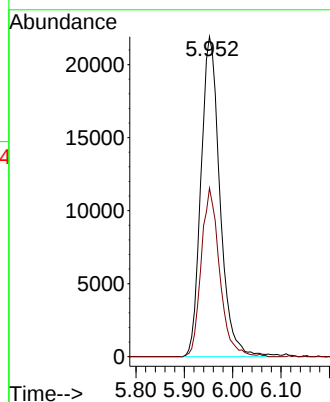
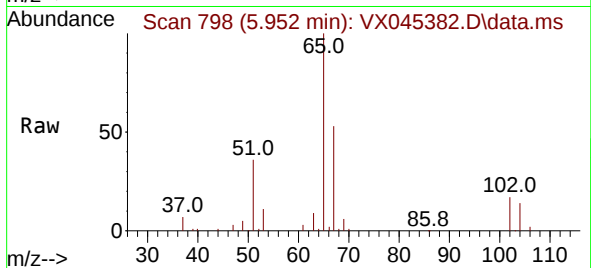




#33
 1,2-Dichloroethane-d4
 Concen: 56.521 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045382.D
 Acq: 21 Mar 2025 12:54

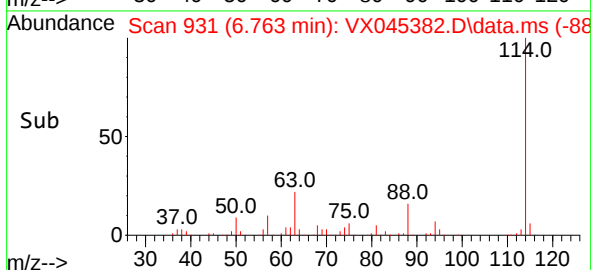
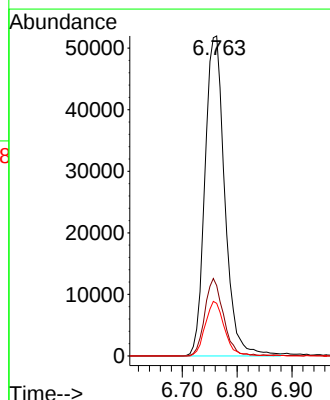
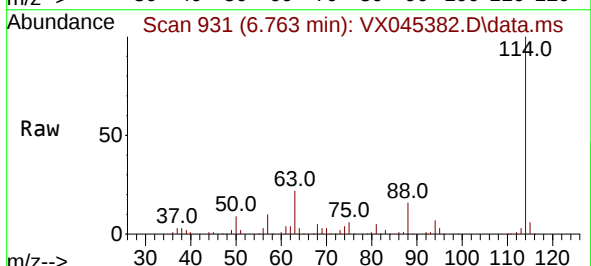
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20250313DL

Tgt Ion: 65 Resp: 59816
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX045382.D
 Acq: 21 Mar 2025 12:54

Tgt Ion: 114 Resp: 130418
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 41.8
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.749 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045382.D

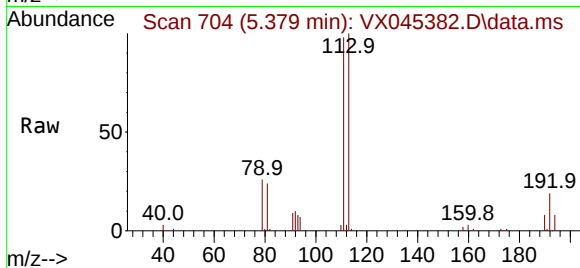
Acq: 21 Mar 2025 12:54

Instrument :

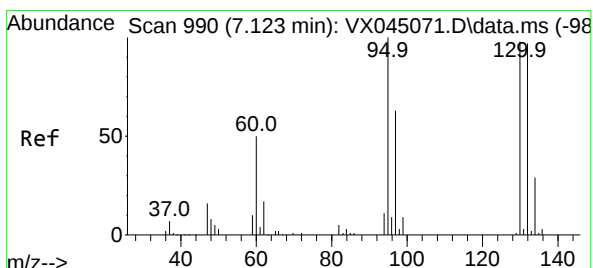
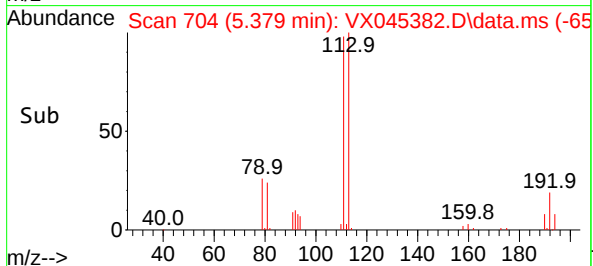
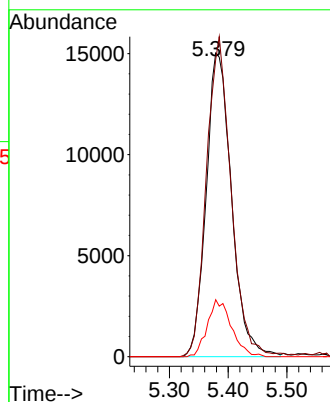
MSVOA_X

ClientSampleId :

RE131D2-20250313DL



Tgt Ion:	113	Resp:	45129
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.8	122.6
192	17.8	14.3	21.5



#44

Trichloroethene

Concen: 45.498 ug/l

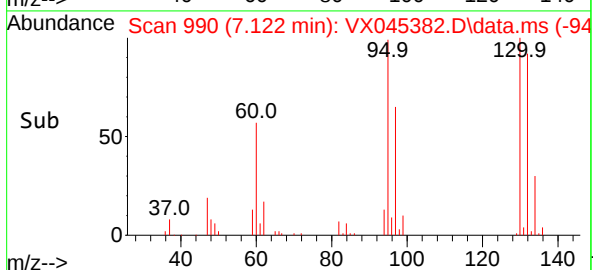
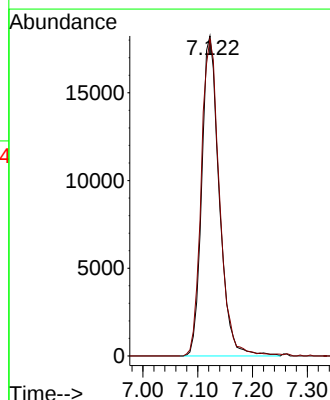
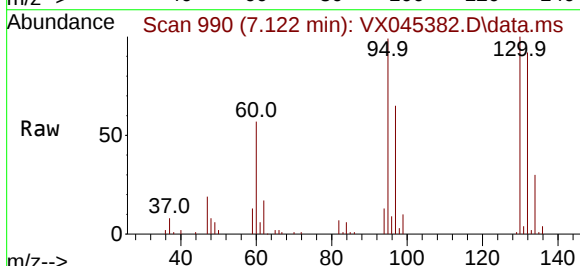
RT: 7.122 min Scan# 990

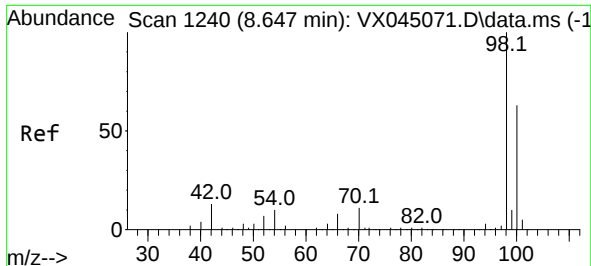
Delta R.T. -0.000 min

Lab File: VX045382.D

Acq: 21 Mar 2025 12:54

Tgt Ion:	130	Resp:	40346
Ion Ratio	Lower	Upper	
130	100		
95	99.0	0.0	205.0

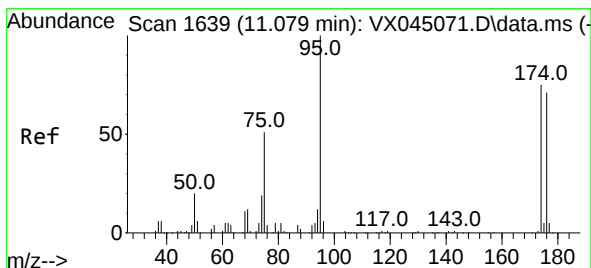
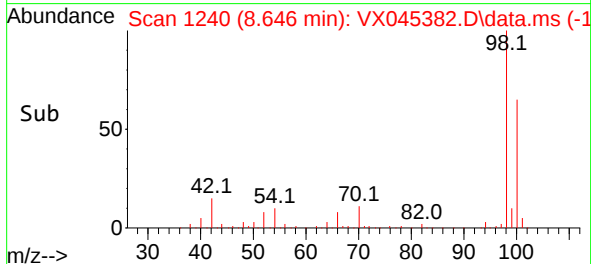
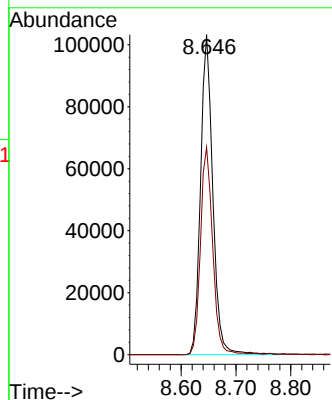
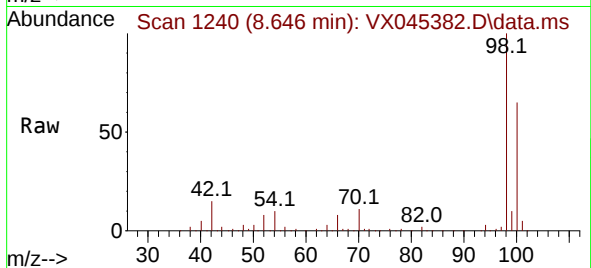




#50
Toluene-d8
Concen: 50.716 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045382.D
Acq: 21 Mar 2025 12:54

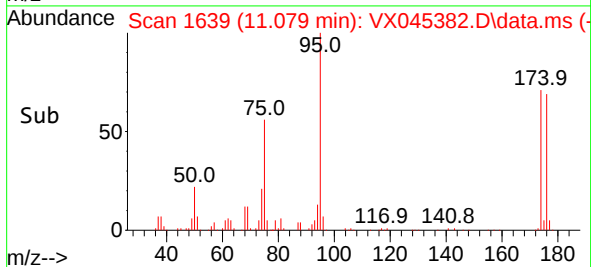
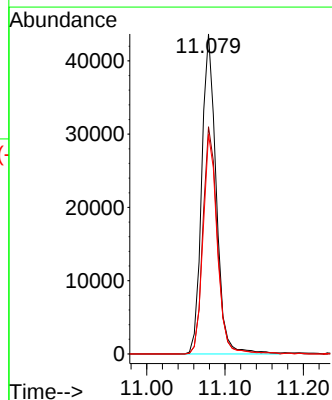
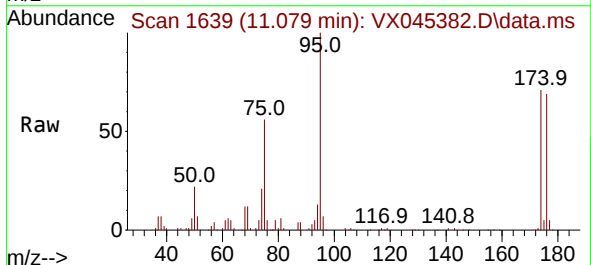
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250313DL

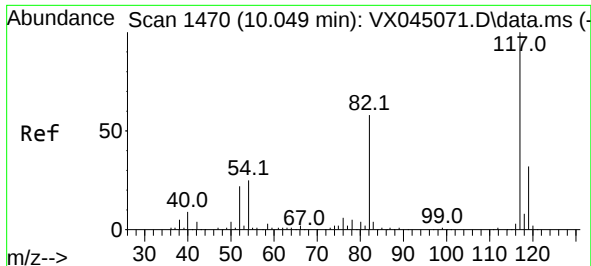
Tgt Ion: 98 Resp: 160343
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 53.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045382.D
Acq: 21 Mar 2025 12:54

Tgt Ion: 95 Resp: 55986
Ion Ratio Lower Upper
95 100
174 71.0 0.0 148.2
176 67.6 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: VX045382.D

Acq: 21 Mar 2025 12:54

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20250313DL

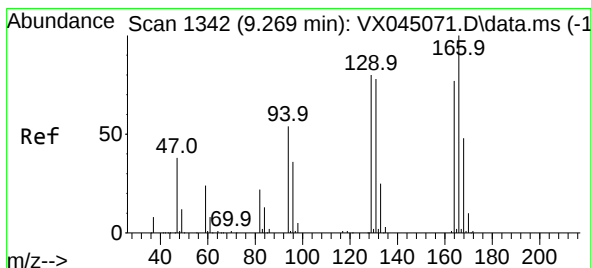
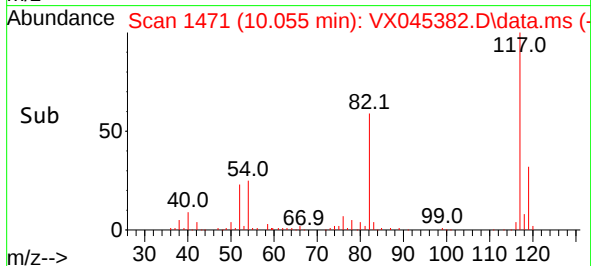
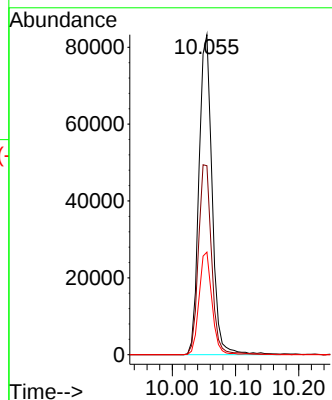
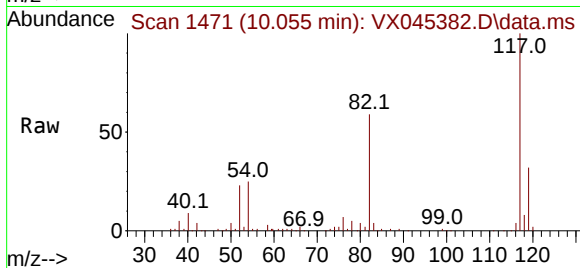
Tgt Ion:117 Resp: 120413

Ion Ratio Lower Upper

117 100

82 59.1 46.3 69.5

119 32.0 25.7 38.5



#64

Tetrachloroethene

Concen: 4.193 ug/l

RT: 9.274 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX045382.D

Acq: 21 Mar 2025 12:54

Tgt Ion:164 Resp: 3234

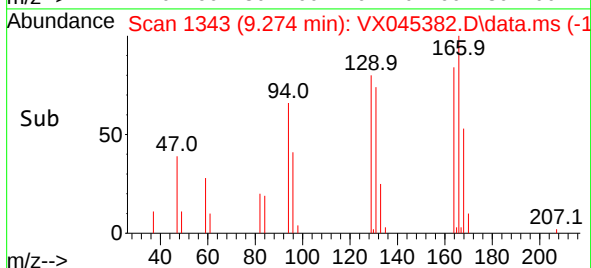
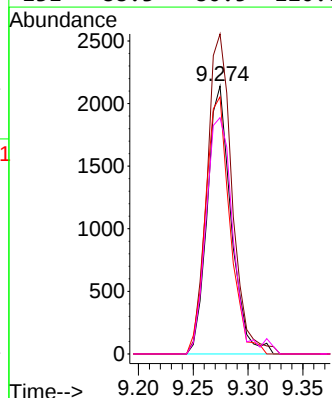
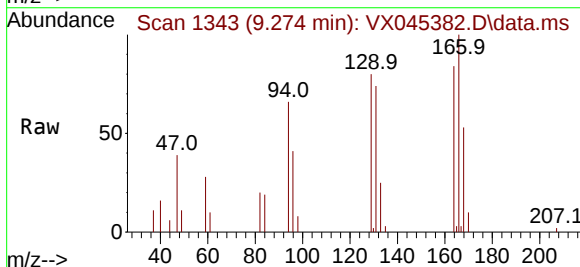
Ion Ratio Lower Upper

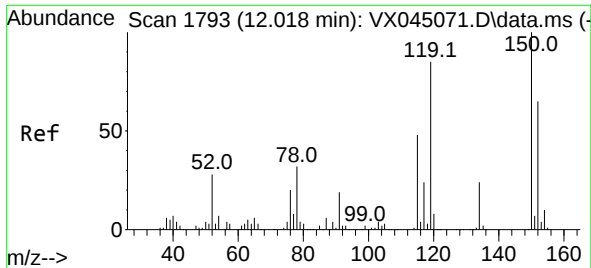
164 100

166 119.5 103.6 155.4

129 96.0 82.7 124.1

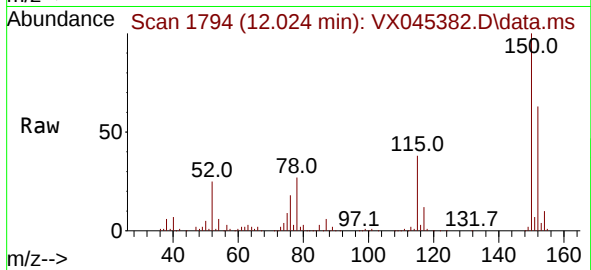
131 88.3 80.5 120.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045382.D
Acq: 21 Mar 2025 12:54

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20250313DL



Tgt Ion:152 Resp: 50604
Ion Ratio Lower Upper
152 100
115 63.5 44.2 132.6
150 158.2 0.0 349.0

