

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045381.D
 Acq On : 21 Mar 2025 12:31
 Operator : JC/MD
 Sample : Q1582-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20250313DL

Quant Time: Mar 21 23:13:37 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)

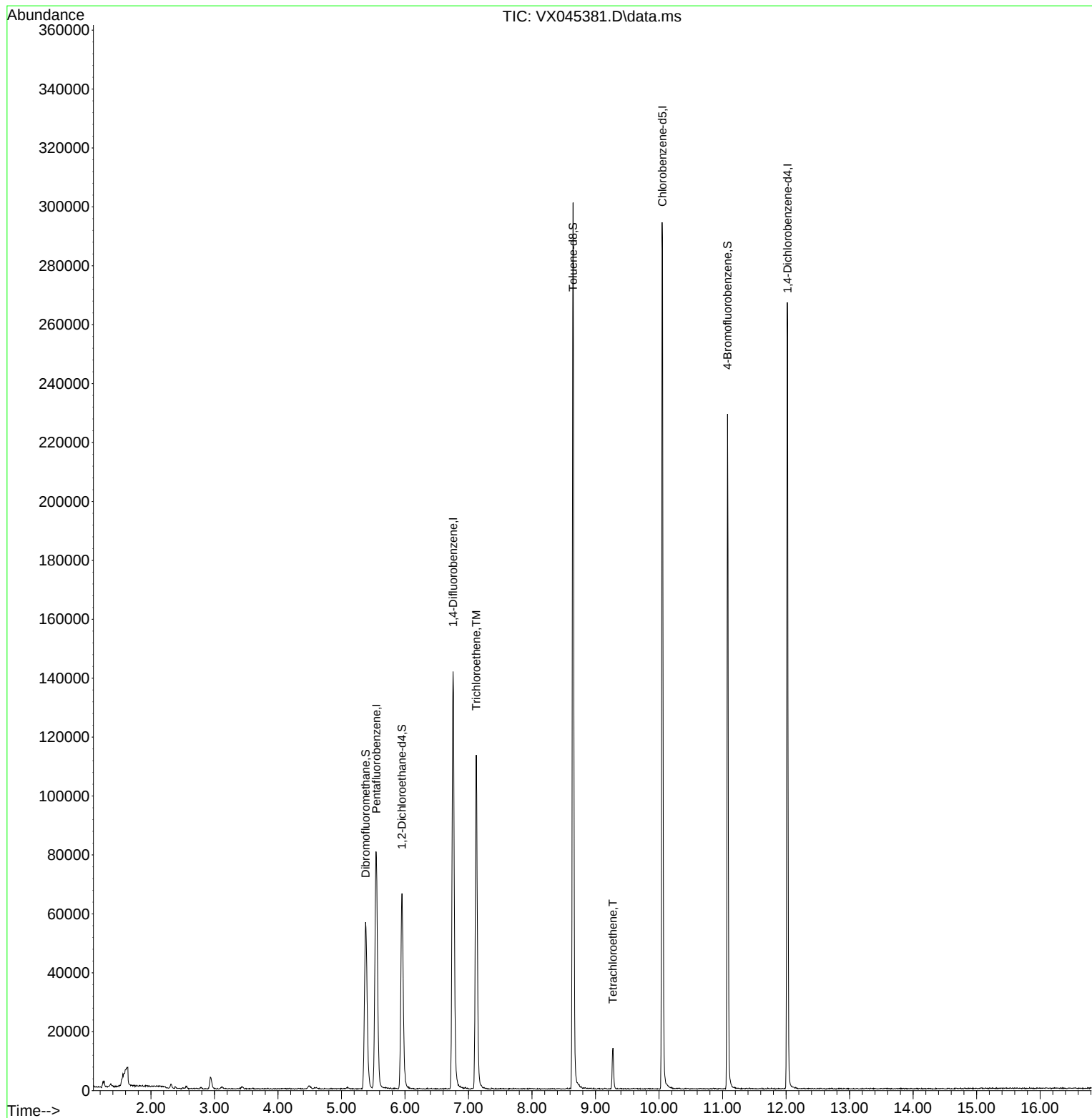
Internal Standards						
1) Pentafluorobenzene	5.549	168	70298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138928	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64047	57.277	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.560%
35) Dibromofluoromethane	5.379	113	49958	53.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.560%
50) Toluene-d8	8.646	98	168731	50.100	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.200%
62) 4-Bromofluorobenzene	11.079	95	58561	52.474	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.940%
Target Compounds						
44) Trichloroethene	7.122	130	40486	42.859	ug/l	95
64) Tetrachloroethene	9.274	164	2468	3.060	ug/l	85

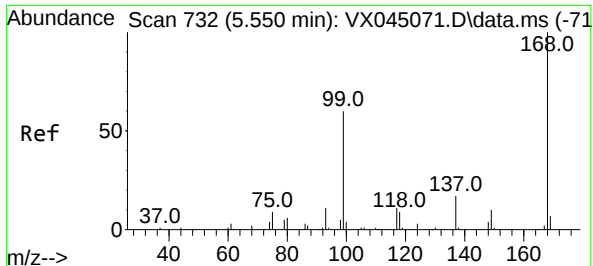
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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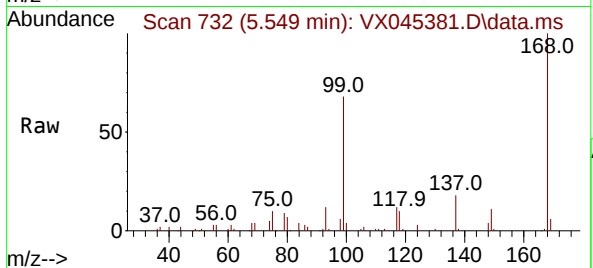
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
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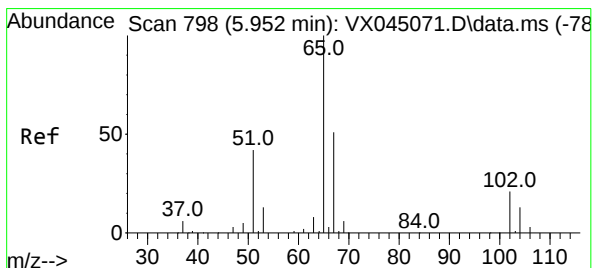
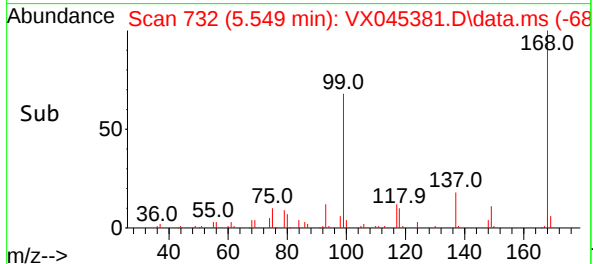
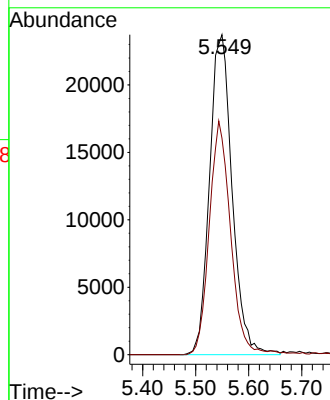


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX045381.D
Acq: 21 Mar 2025 12:31

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313DL

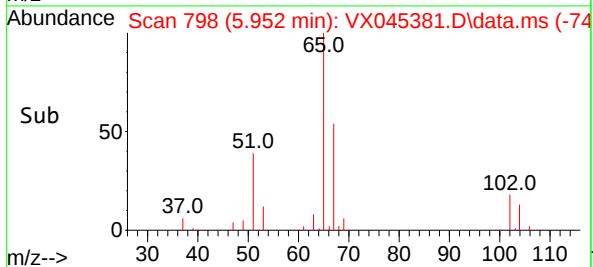
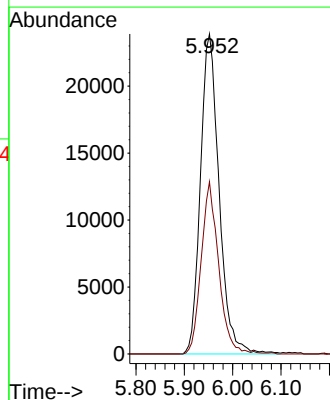
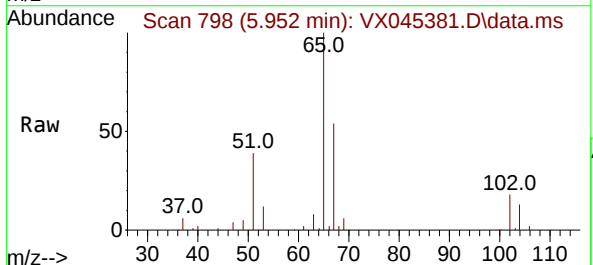


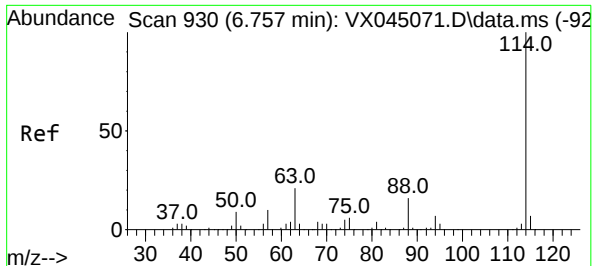
Tgt Ion:168 Resp: 70298
Ion Ratio Lower Upper
168 100
99 67.7 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 57.277 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045381.D
Acq: 21 Mar 2025 12:31

Tgt Ion: 65 Resp: 64047
Ion Ratio Lower Upper
65 100
67 50.5 0.0 106.2

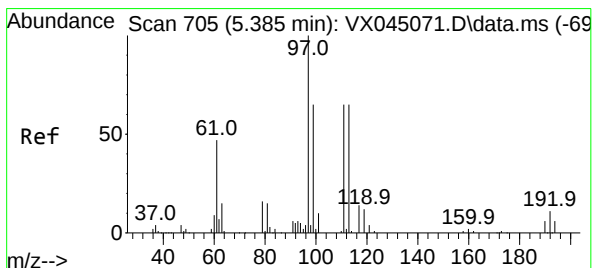
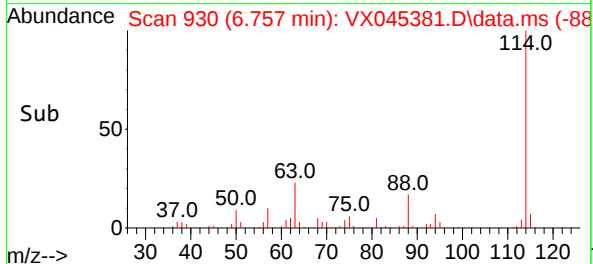
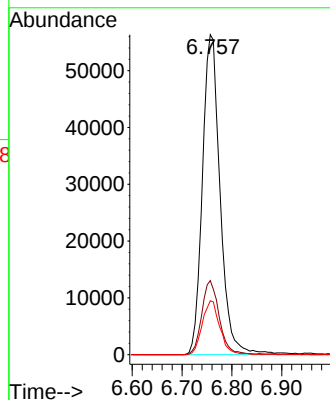
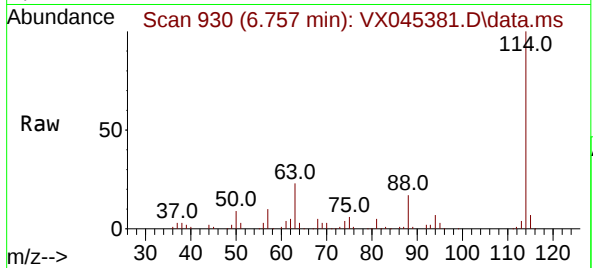




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045381.D
Acq: 21 Mar 2025 12:31

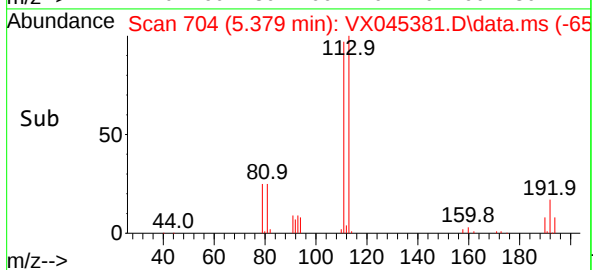
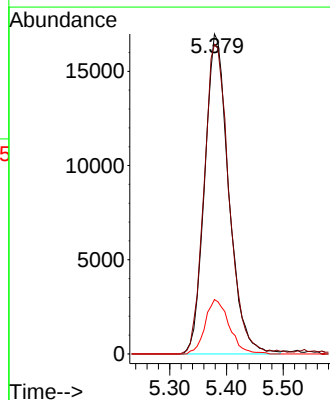
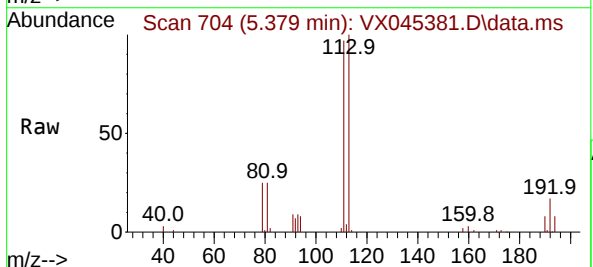
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313DL

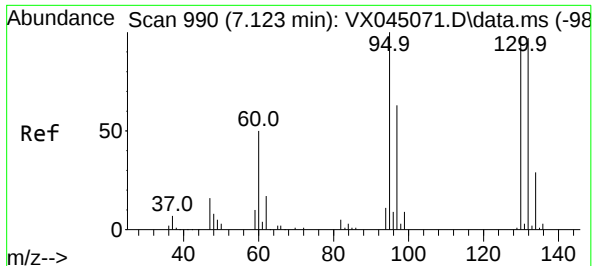
Tgt Ion:114 Resp: 138928
Ion Ratio Lower Upper
114 100
63 23.2 0.0 41.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.778 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045381.D
Acq: 21 Mar 2025 12:31

Tgt Ion:113 Resp: 49958
Ion Ratio Lower Upper
113 100
111 100.5 81.8 122.6
192 17.0 14.3 21.5

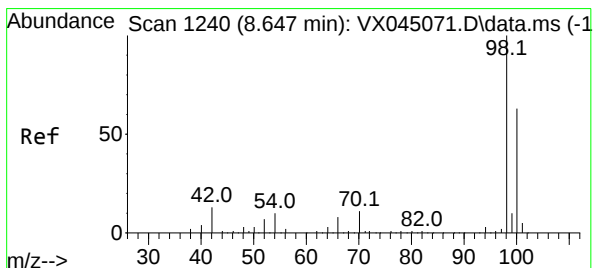
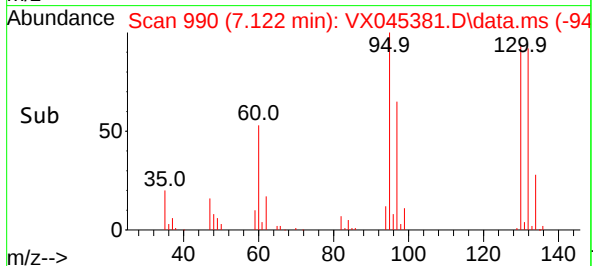
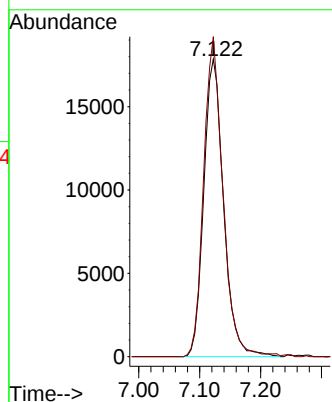
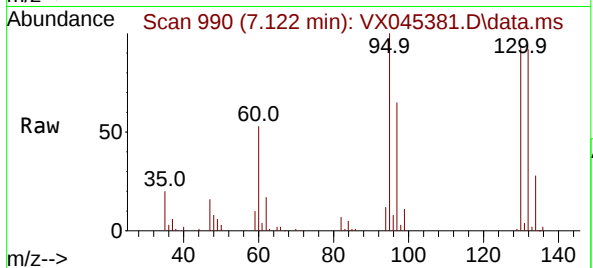




#44
Trichloroethene
Concen: 42.859 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045381.D
Acq: 21 Mar 2025 12:31

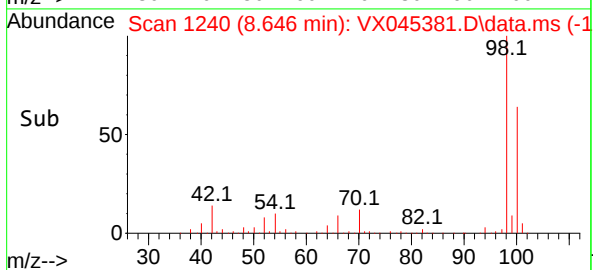
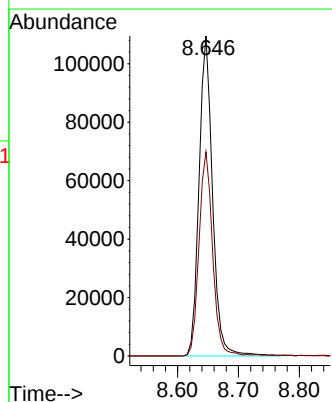
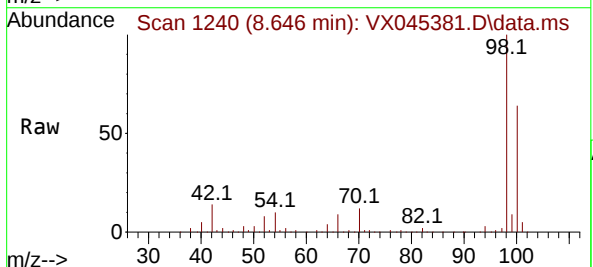
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313DL

Tgt Ion:130 Resp: 40486
Ion Ratio Lower Upper
130 100
95 107.5 0.0 205.0



#50
Toluene-d8
Concen: 50.100 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045381.D
Acq: 21 Mar 2025 12:31

Tgt Ion: 98 Resp: 168731
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.474 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045381.D

Acq: 21 Mar 2025 12:31

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20250313DL

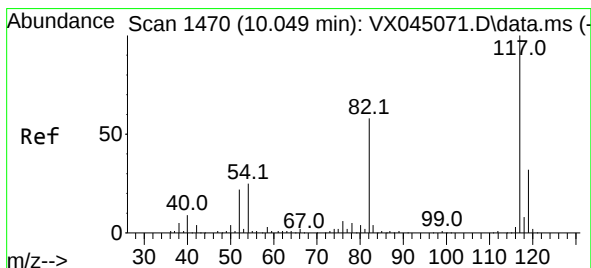
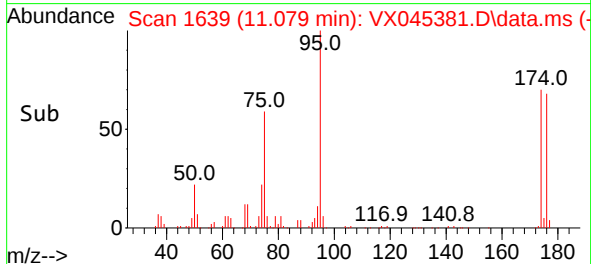
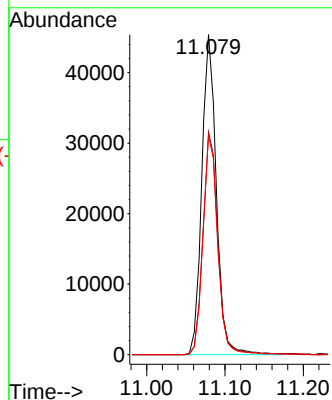
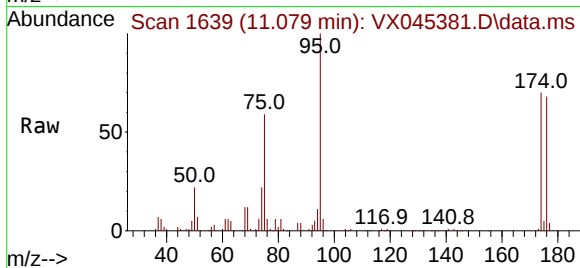
Tgt Ion: 95 Resp: 58561

Ion Ratio Lower Upper

95 100

174 71.3 0.0 148.2

176 69.4 0.0 141.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX045381.D

Acq: 21 Mar 2025 12:31

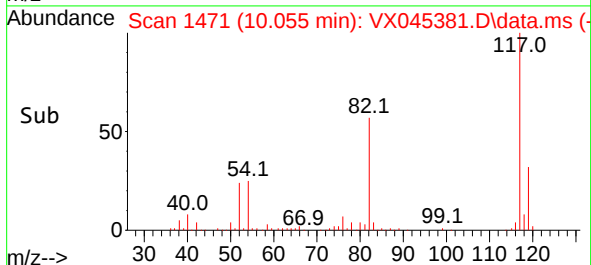
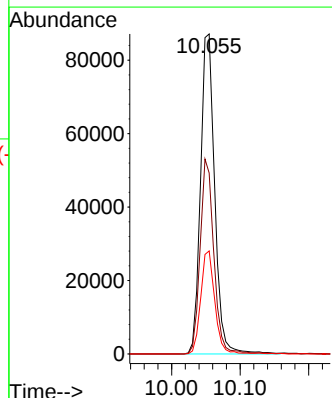
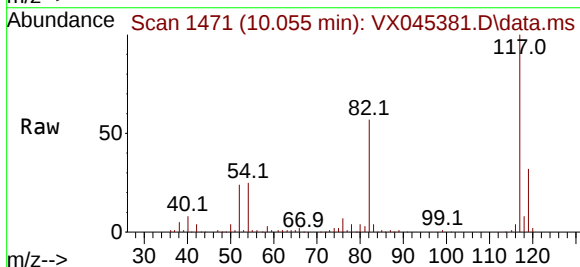
Tgt Ion: 117 Resp: 125925

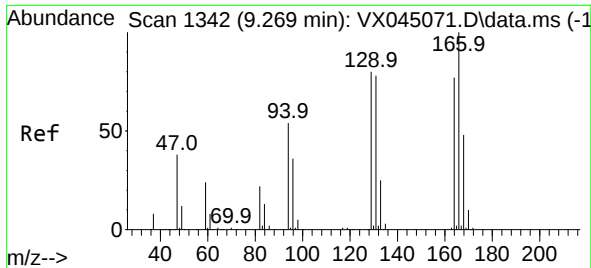
Ion Ratio Lower Upper

117 100

82 56.6 46.3 69.5

119 32.2 25.7 38.5

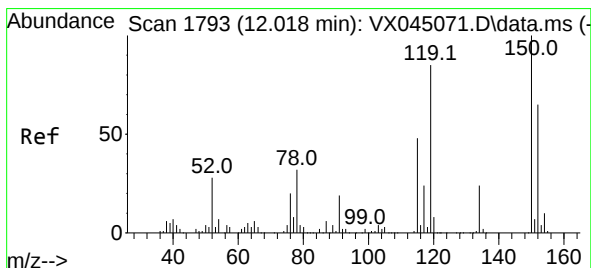
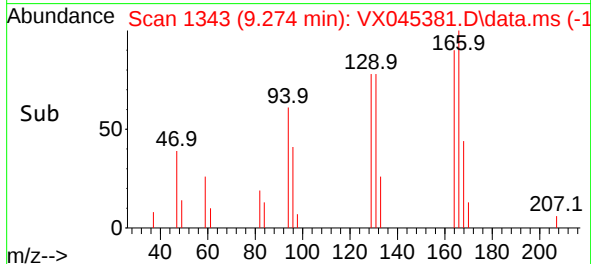
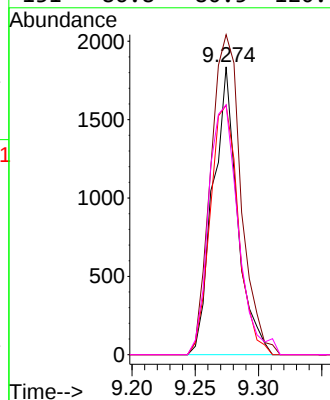
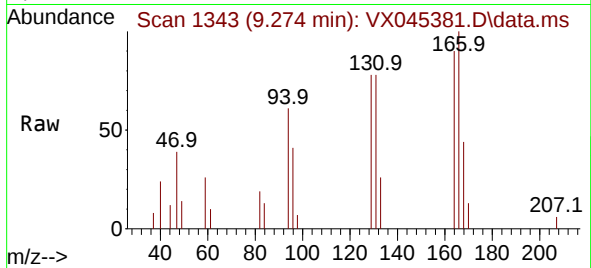




#64
Tetrachloroethene
Concen: 3.060 ug/l
RT: 9.274 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045381.D
Acq: 21 Mar 2025 12:31

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250313DL

Tgt Ion:164	Resp:	2468	
Ion	Ratio	Lower	Upper
164	100		
166	111.2	103.6	155.4
129	86.7	82.7	124.1
131	86.8	80.5	120.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045381.D
Acq: 21 Mar 2025 12:31

Tgt Ion:152	Resp:	52363	
Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.2	132.6
150	156.0	0.0	349.0

