

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045385.D
 Acq On : 21 Mar 2025 14:04
 Operator : JC/MD
 Sample : Q1582-08DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20250313DL

Quant Time: Mar 21 23:15:19 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)

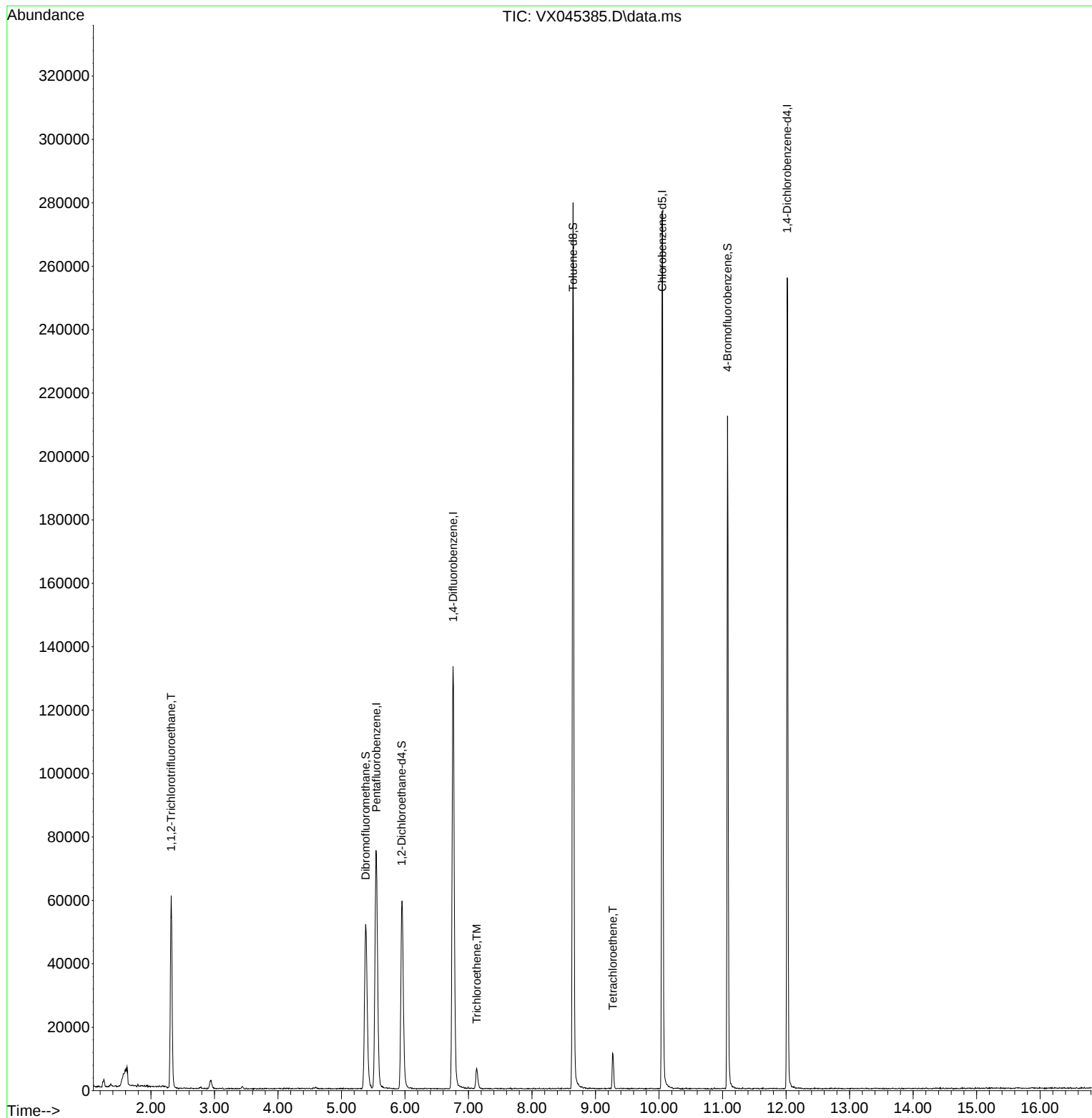
Internal Standards						
1) Pentafluorobenzene	5.550	168	66174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129977	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	58486	55.564	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.120%
35) Dibromofluoromethane	5.379	113	44956	51.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.460%
50) Toluene-d8	8.647	98	158184	50.203	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.400%
62) 4-Bromofluorobenzene	11.079	95	54783	52.469	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.940%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	24159	31.412	ug/l	96
44) Trichloroethene	7.129	130	2621	2.966	ug/l	79
64) Tetrachloroethene	9.275	164	2229	2.894	ug/l	88

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

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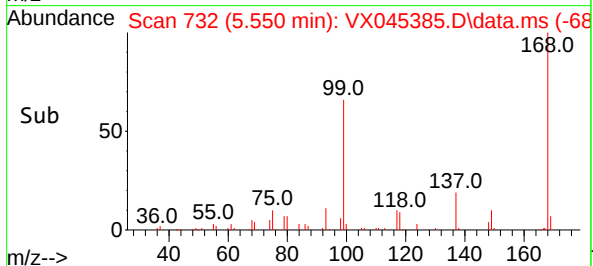
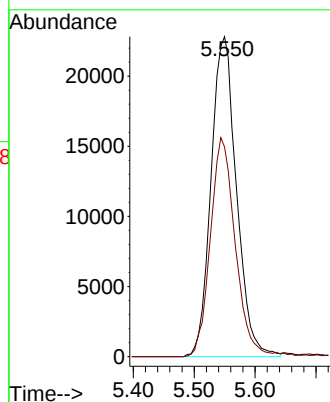
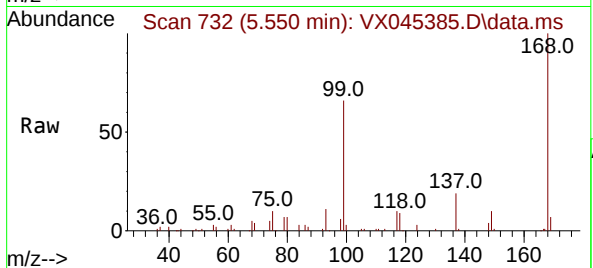




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

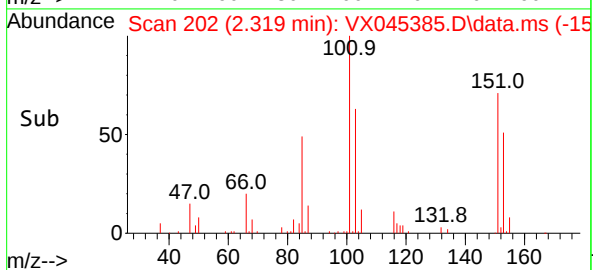
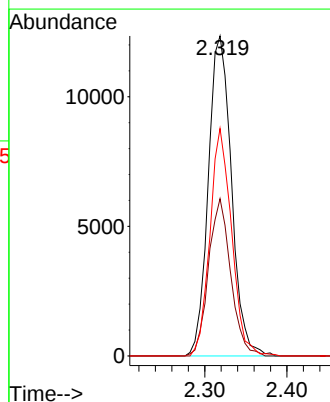
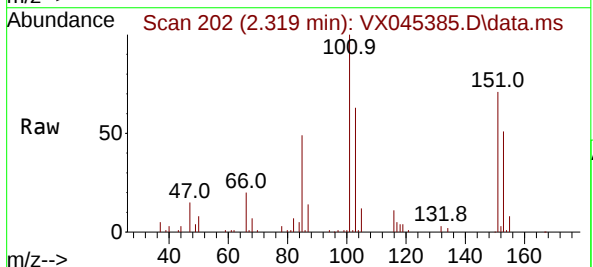
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

Tgt Ion:168 Resp: 66174
Ion Ratio Lower Upper
168 100
99 65.5 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.412 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion:101 Resp: 24159
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 66.7 56.4 84.6





#33

1,2-Dichloroethane-d4

Concen: 55.564 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045385.D

Acq: 21 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

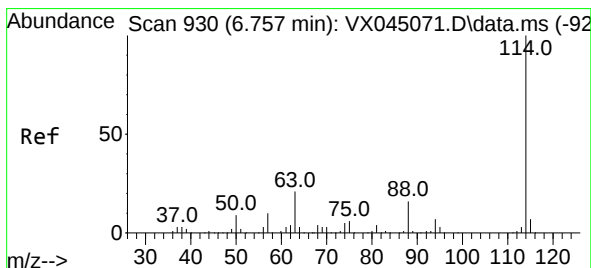
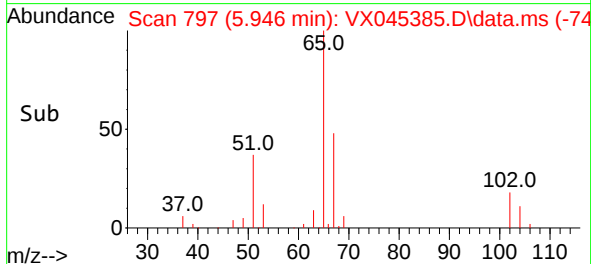
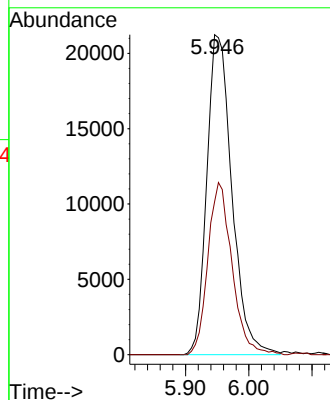
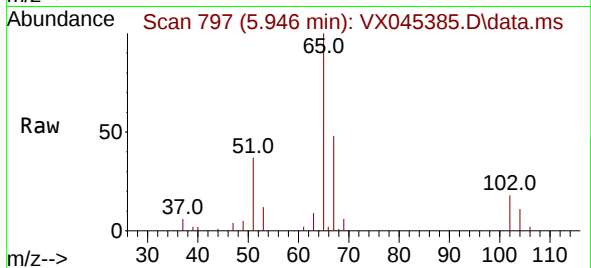
RE131D3-20250313DL

Tgt Ion: 65 Resp: 58486

Ion Ratio Lower Upper

65 100

67 51.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045385.D

Acq: 21 Mar 2025 14:04

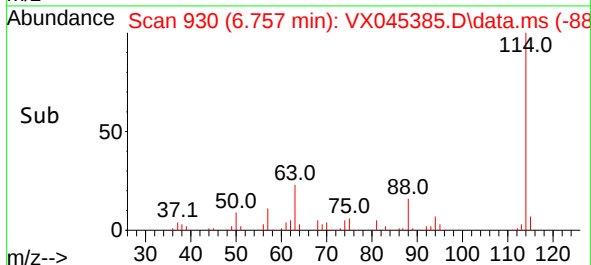
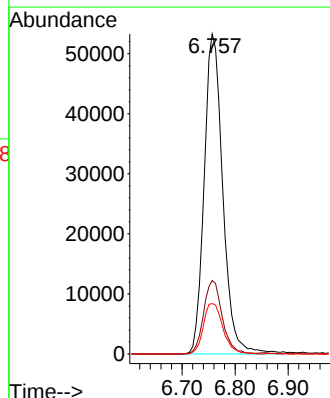
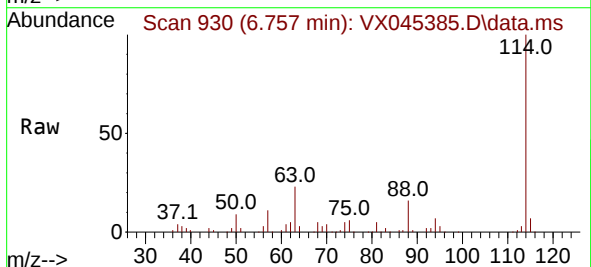
Tgt Ion: 114 Resp: 129977

Ion Ratio Lower Upper

114 100

63 22.9 0.0 41.8

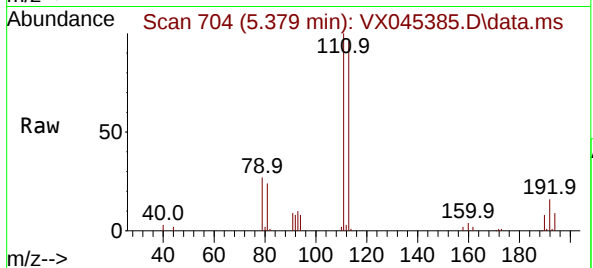
88 15.8 0.0 32.8



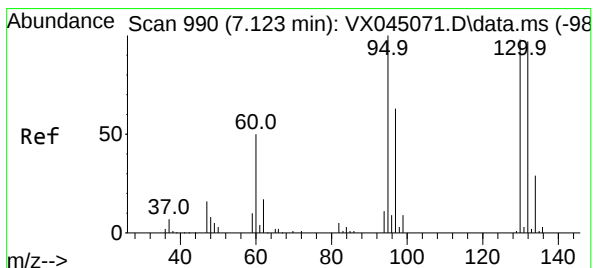
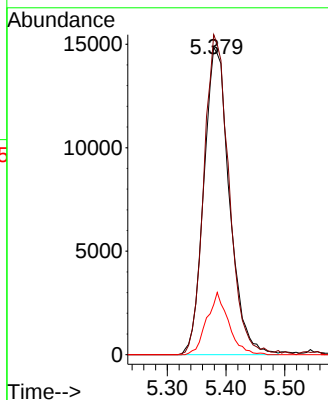
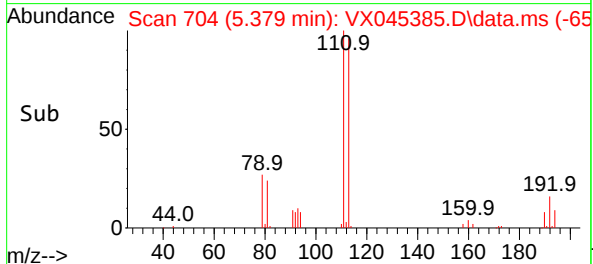


#35
Dibromofluoromethane
Concen: 51.726 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

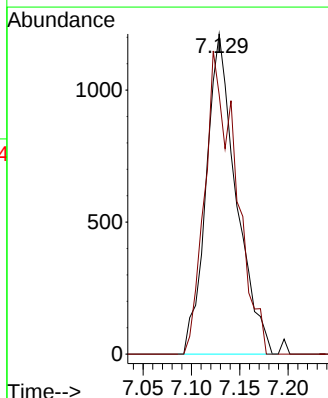
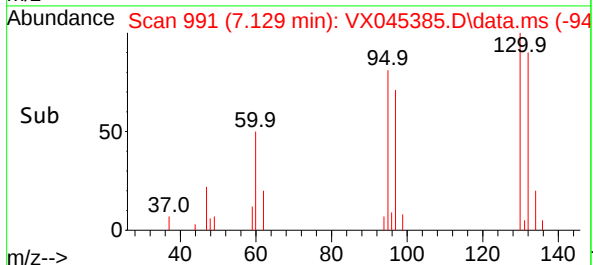
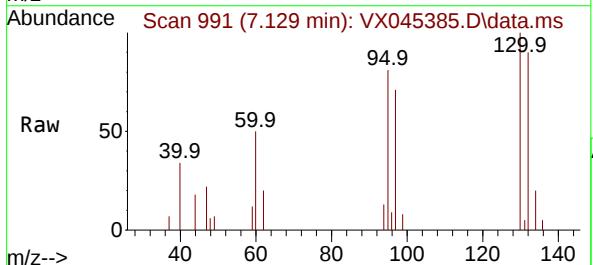


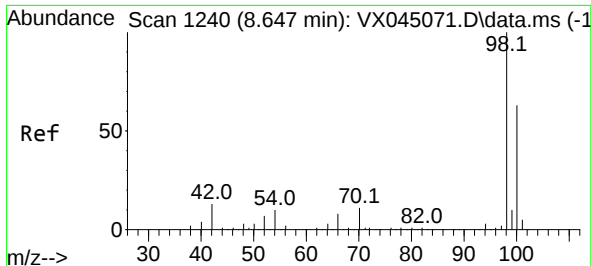
Tgt Ion:113 Resp: 44956
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.6
192 17.2 14.3 21.5



#44
Trichloroethene
Concen: 2.966 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion:130 Resp: 2621
Ion Ratio Lower Upper
130 100
95 81.0 0.0 205.0

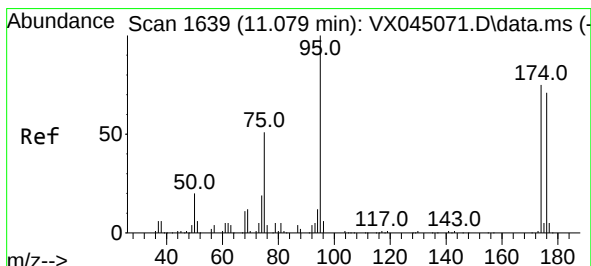
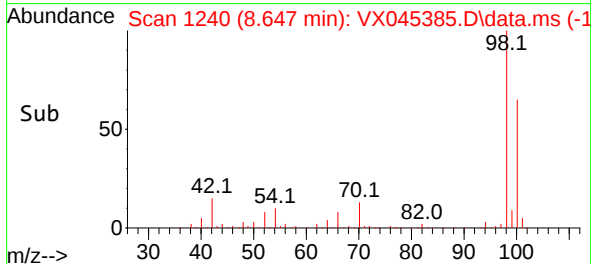
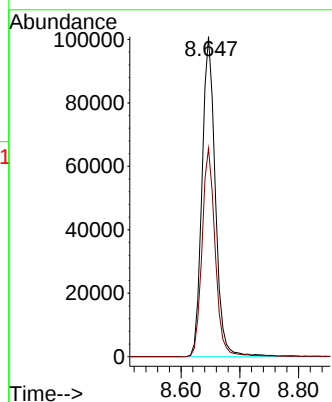
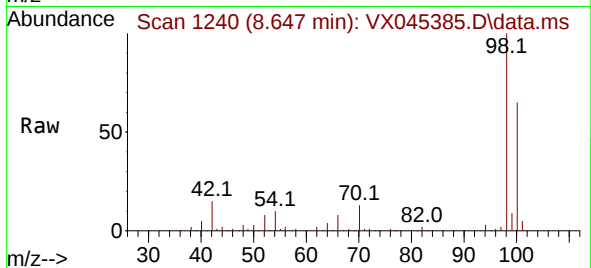




#50
Toluene-d8
Concen: 50.203 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

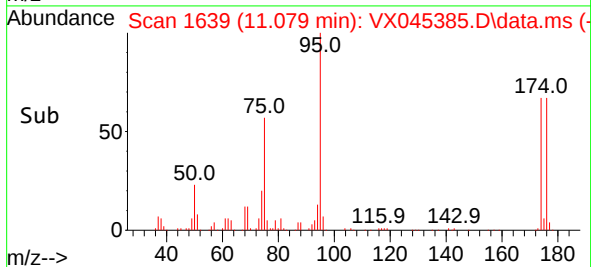
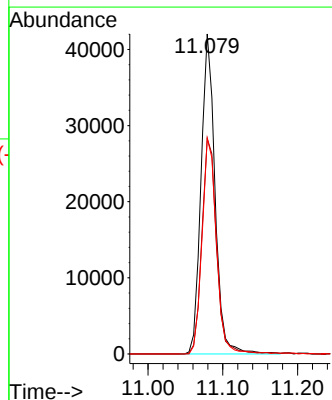
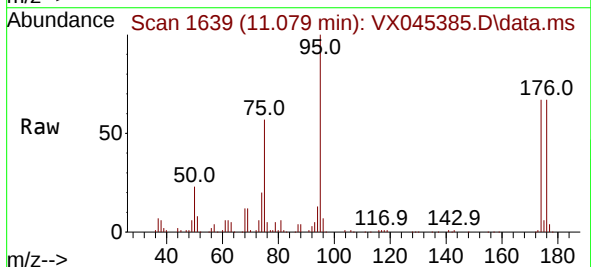
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20250313DL

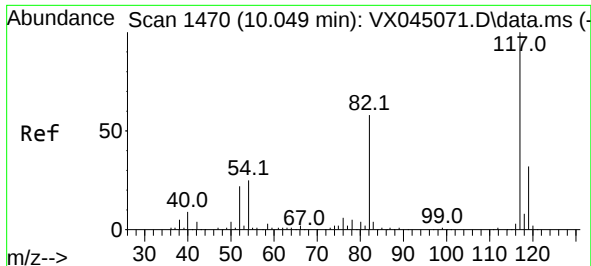
Tgt Ion: 98 Resp: 158184
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045385.D
Acq: 21 Mar 2025 14:04

Tgt Ion: 95 Resp: 54783
Ion Ratio Lower Upper
95 100
174 69.8 0.0 148.2
176 69.1 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: VX045385.D

Acq: 21 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20250313DL

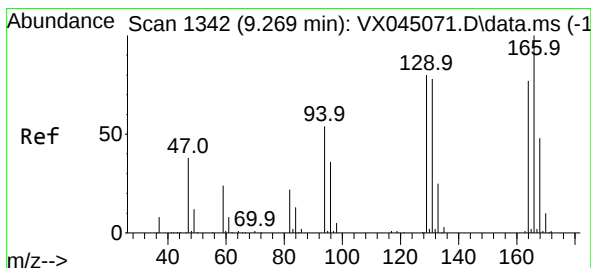
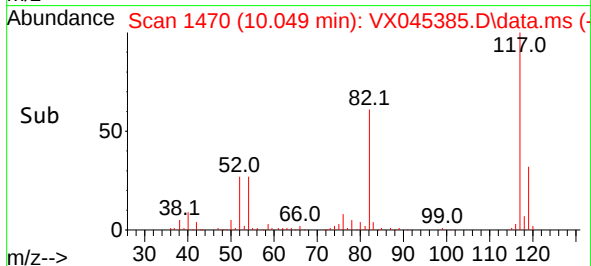
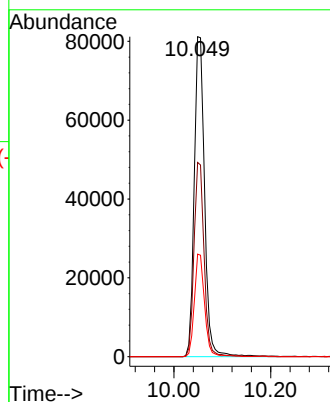
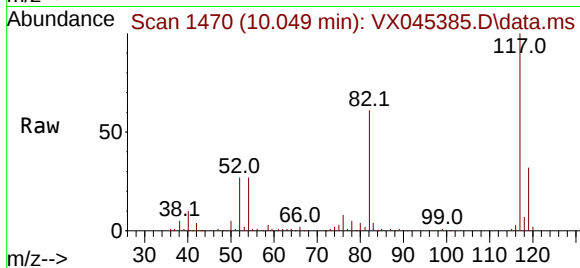
Tgt Ion:117 Resp: 120263

Ion Ratio Lower Upper

117 100

82 60.7 46.3 69.5

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 2.894 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX045385.D

Acq: 21 Mar 2025 14:04

Tgt Ion:164 Resp: 2229

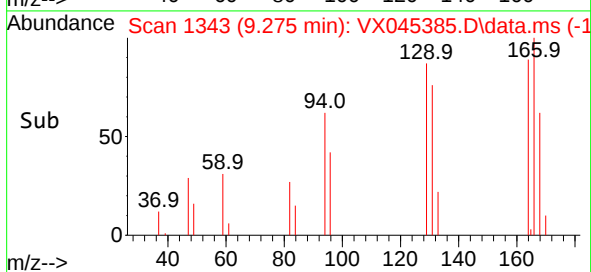
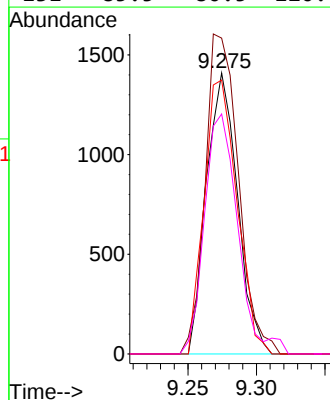
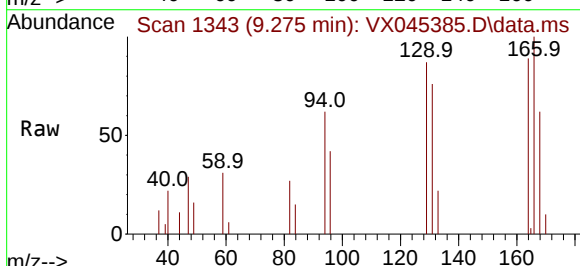
Ion Ratio Lower Upper

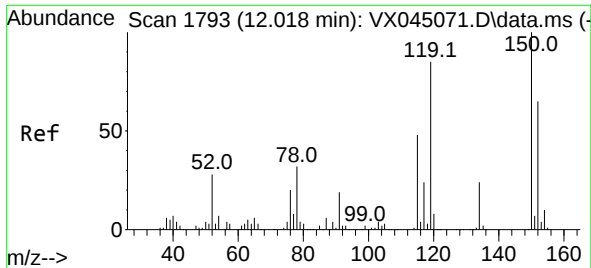
164 100

166 112.4 103.6 155.4

129 97.5 82.7 124.1

131 85.5 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: VX045385.D

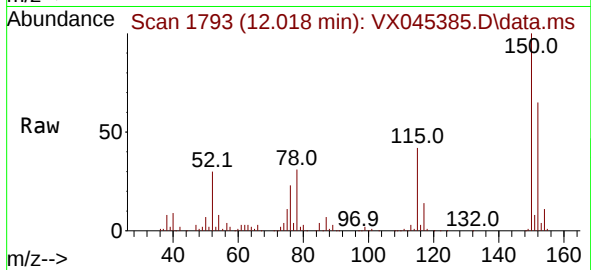
Acq: 21 Mar 2025 14:04

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20250313DL



Tgt Ion:152 Resp: 48451

Ion Ratio Lower Upper

152 100

115 62.3 44.2 132.6

150 156.0 0.0 349.0

