

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092425\
 Data File : VX047789.D
 Acq On : 24 Sep 2025 19:54
 Operator : JC/MD
 Sample : Q3127-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20250915

Quant Time: Sep 25 01:22:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

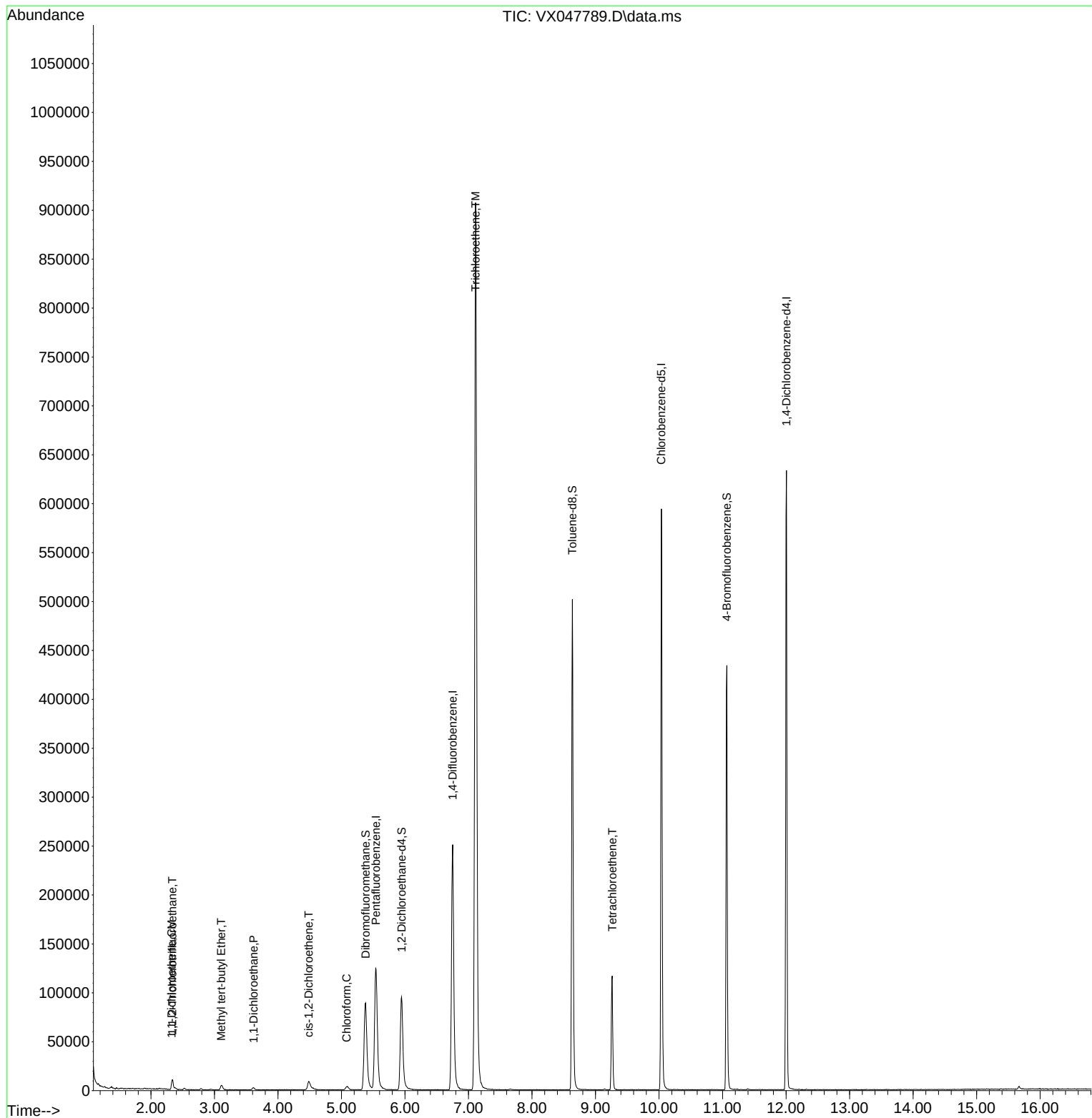
Internal Standards						
1) Pentafluorobenzene	5.544	168	126132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	270621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	270032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103361	51.482	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.960%		
35) Dibromofluoromethane	5.379	113	86588	47.709	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 95.420%		
50) Toluene-d8	8.635	98	304364	48.465	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.940%		
62) 4-Bromofluorobenzene	11.067	95	124919	52.412	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.820%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	3746	2.568	ug/l	98
12) 1,1-Dichloroethene	2.325	96	1040	0.694	ug/l #	77
19) Methyl tert-butyl Ether	3.105	73	5136	0.939	ug/l	100
24) 1,1-Dichloroethane	3.617	63	3189	1.001	ug/l #	89
27) cis-1,2-Dichloroethene	4.483	96	6343	3.210	ug/l	93
30) Chloroform	5.080	83	4927	1.531	ug/l	88
44) Trichloroethene	7.111	130	377447	193.822	ug/l	98
64) Tetrachloroethene	9.263	164	23000	13.066	ug/l	94

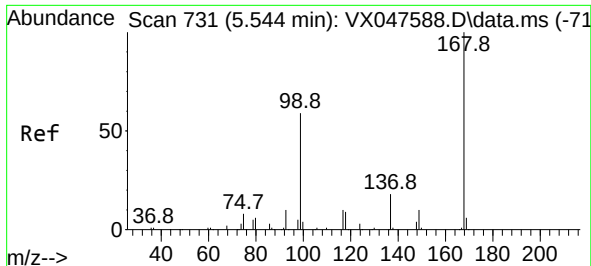
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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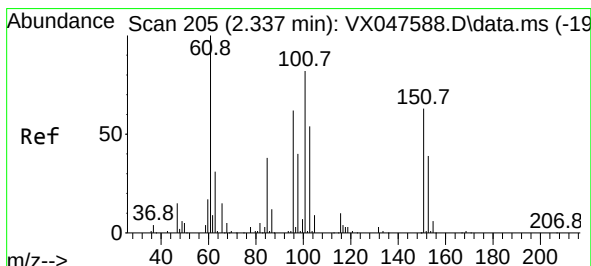
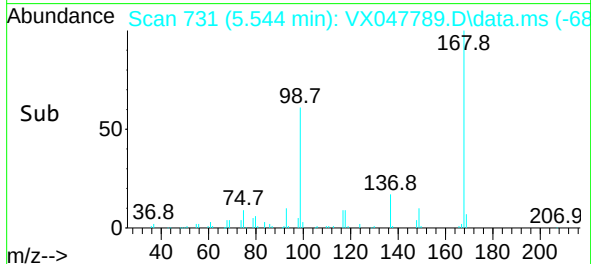
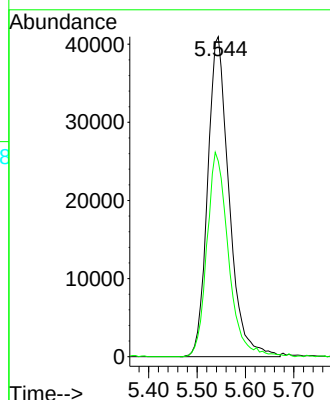
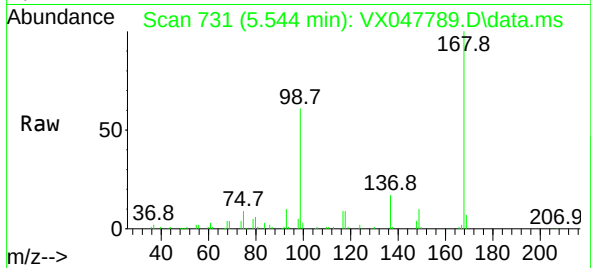




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

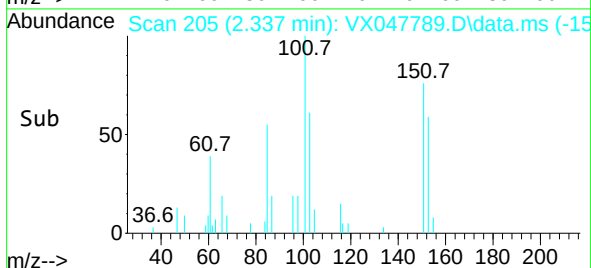
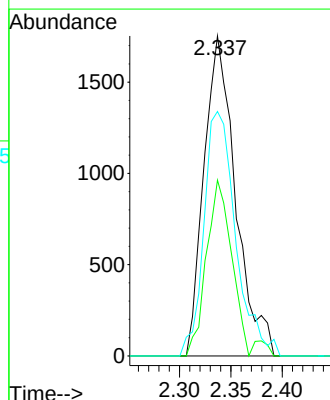
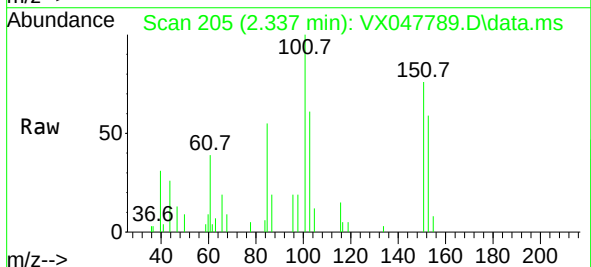
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250915

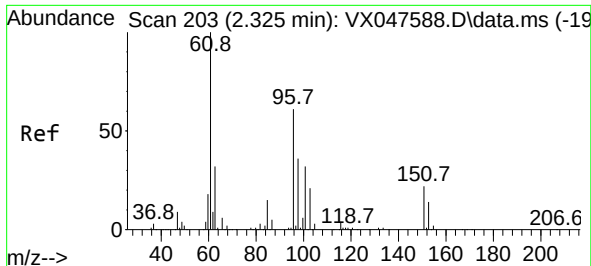
Tgt Ion:168 Resp: 126132
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.568 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

Tgt Ion:101 Resp: 3746
Ion Ratio Lower Upper
101 100
85 43.6 35.5 53.3
151 76.9 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.694 ug/l

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX047789.D

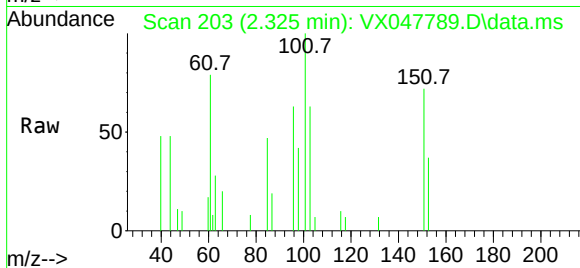
Acq: 24 Sep 2025 19:54

Instrument :

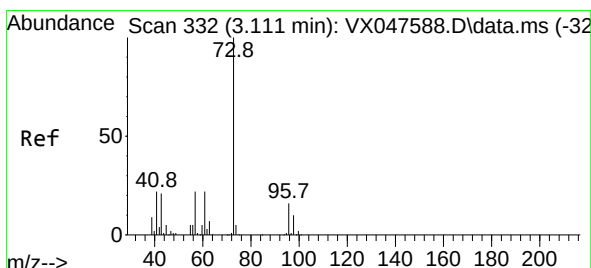
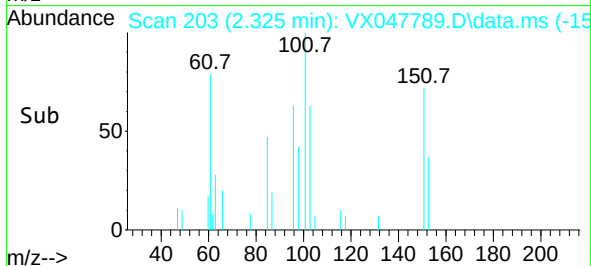
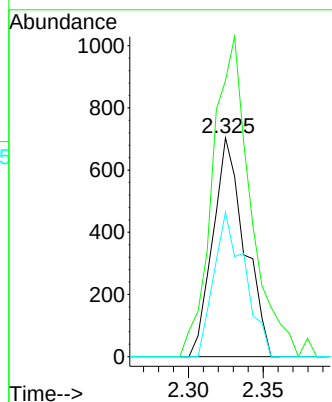
MSVOA_X

ClientSampleId :

RE131D1-20250915



Tgt Ion:	96	Resp:	1040
Ion	Ratio	Lower	Upper
96	100		
61	126.1	131.0	196.6#
98	65.9	47.7	71.5



#19

Methyl tert-butyl Ether

Concen: 0.939 ug/l

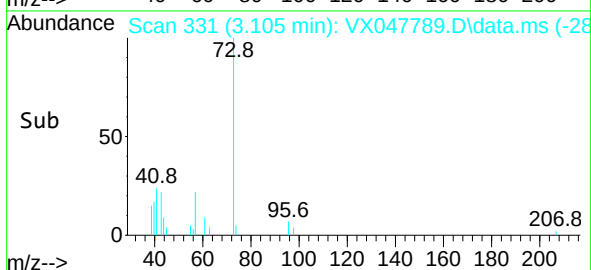
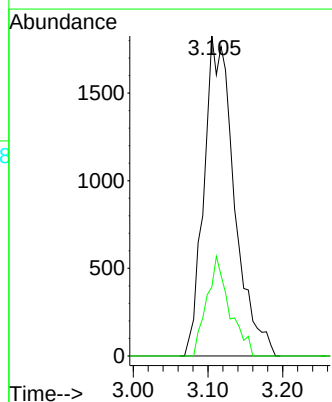
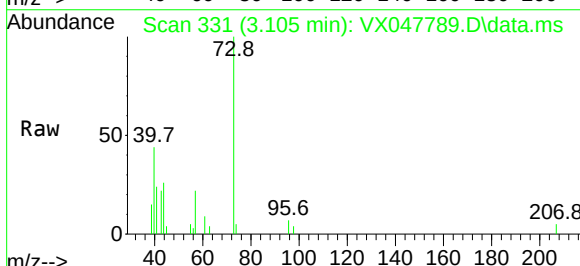
RT: 3.105 min Scan# 331

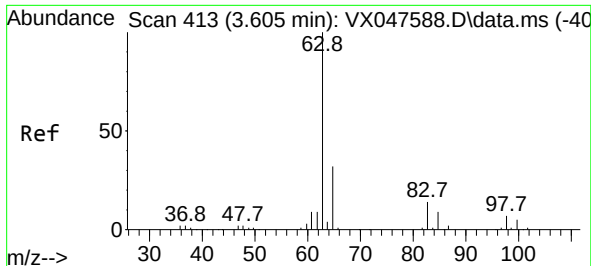
Delta R.T. -0.006 min

Lab File: VX047789.D

Acq: 24 Sep 2025 19:54

Tgt Ion:	73	Resp:	5136
Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.2

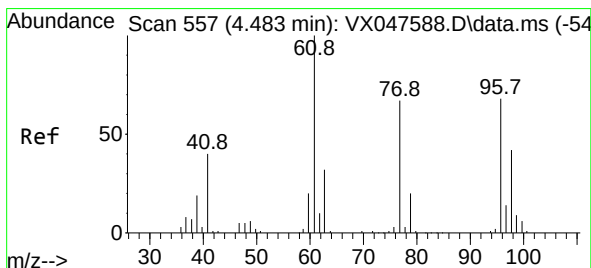
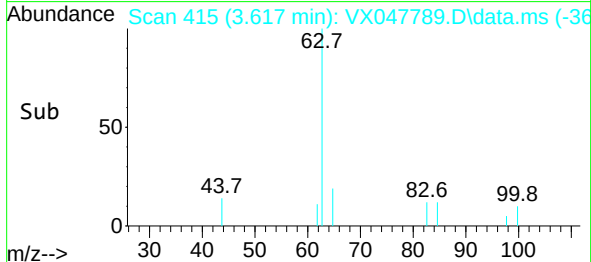
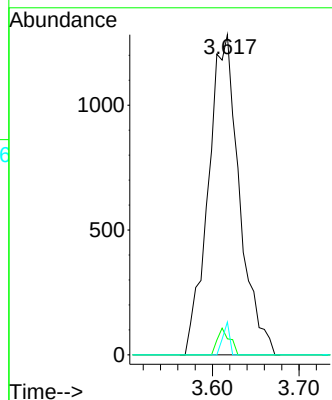
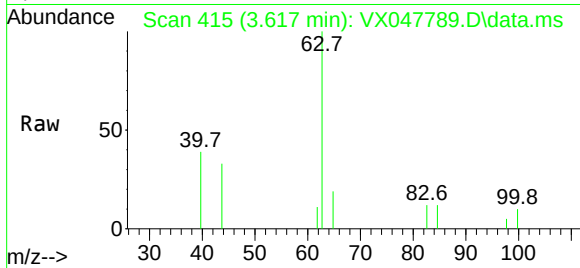




#24
 1,1-Dichloroethane
 Concen: 1.001 ug/l
 RT: 3.617 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX047789.D
 Acq: 24 Sep 2025 19:54

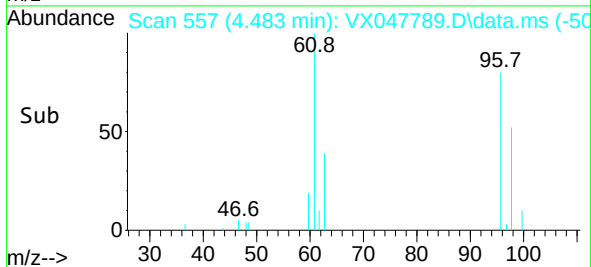
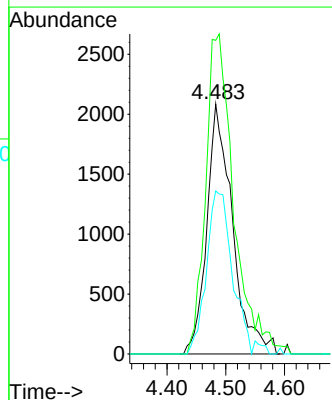
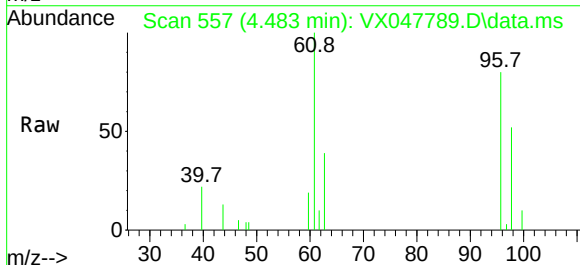
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20250915

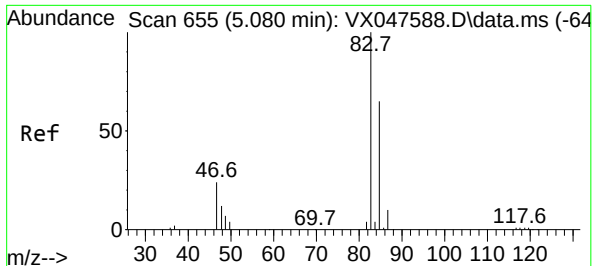
Tgt Ion: 63 Resp: 3189
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.8 11.2
 100 10.2 2.3 6.9#



#27
 cis-1,2-Dichloroethene
 Concen: 3.210 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX047789.D
 Acq: 24 Sep 2025 19:54

Tgt Ion: 96 Resp: 6343
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 303.2
 98 65.3 0.0 127.8





#30

Chloroform

Concen: 1.531 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX047789.D

Acq: 24 Sep 2025 19:54

Instrument :

MSVOA_X

ClientSampleId :

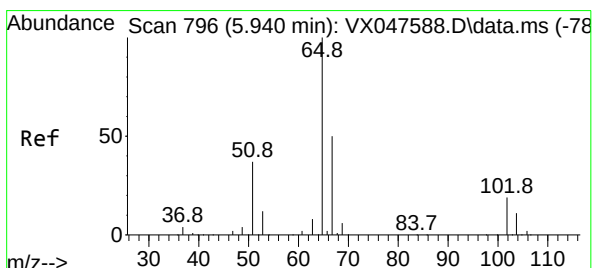
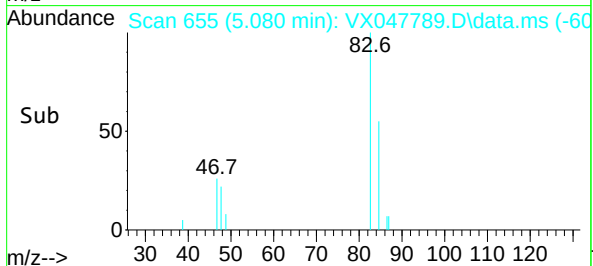
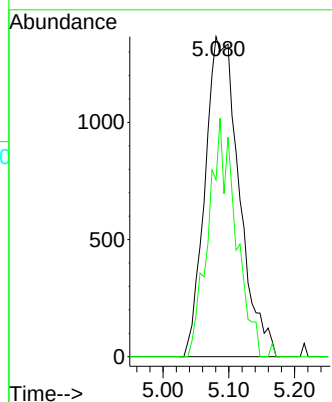
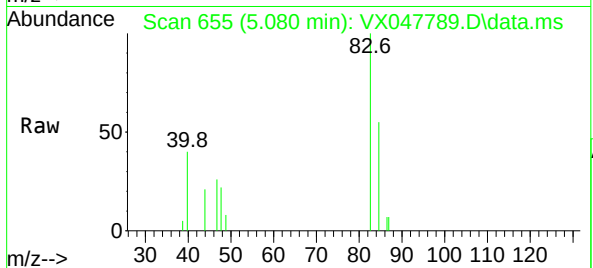
RE131D1-20250915

Tgt Ion: 83 Resp: 4927

Ion Ratio Lower Upper

83 100

85 55.3 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 51.482 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047789.D

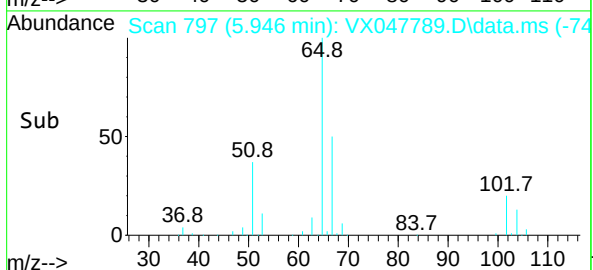
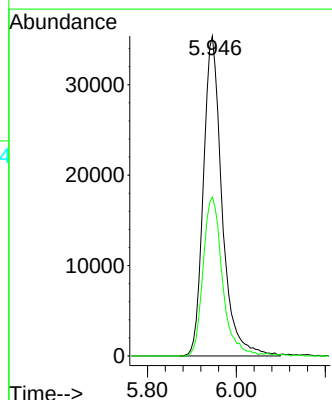
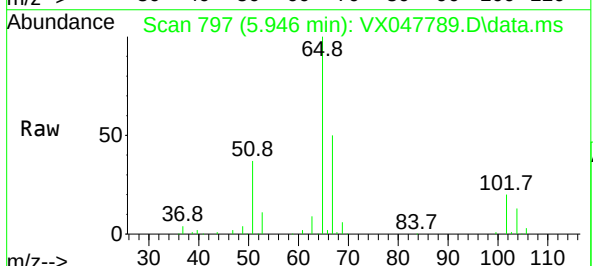
Acq: 24 Sep 2025 19:54

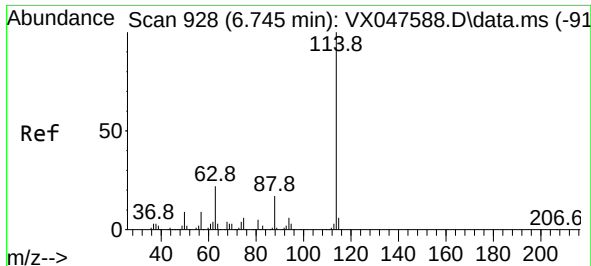
Tgt Ion: 65 Resp: 103361

Ion Ratio Lower Upper

65 100

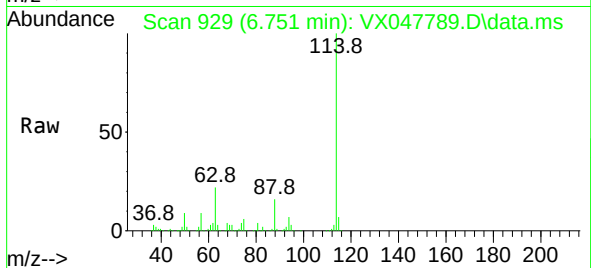
67 51.3 0.0 103.0



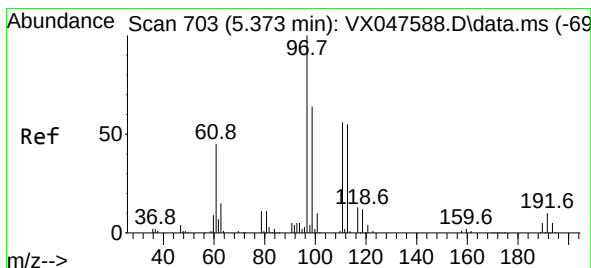
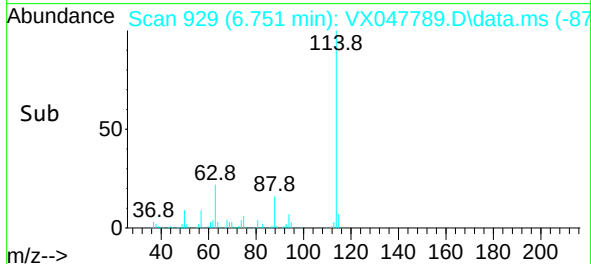
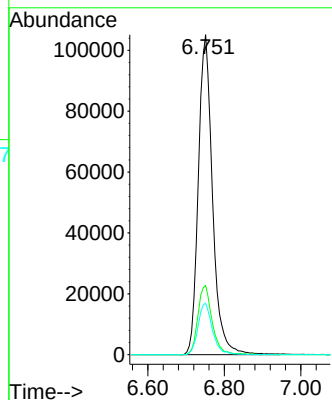


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250915

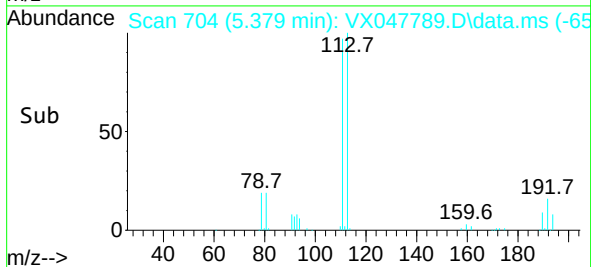
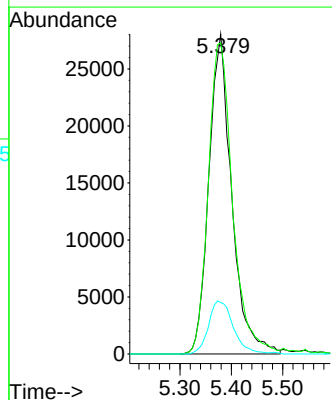
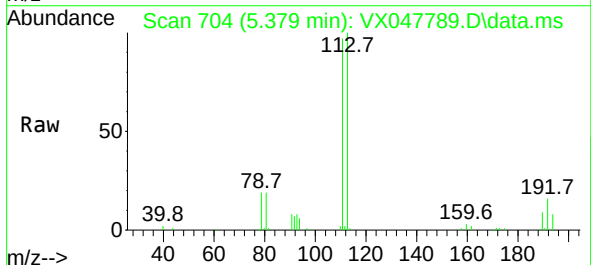


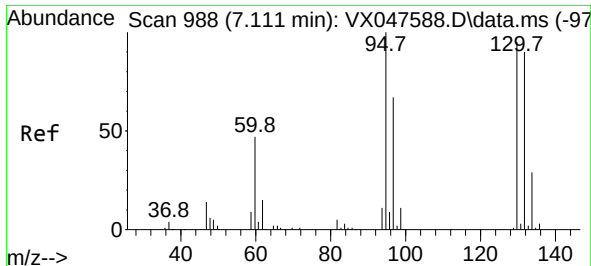
Tgt Ion:114 Resp: 270621
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 47.709 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

Tgt Ion:113 Resp: 86588
Ion Ratio Lower Upper
113 100
111 103.5 80.9 121.3
192 17.9 14.2 21.4

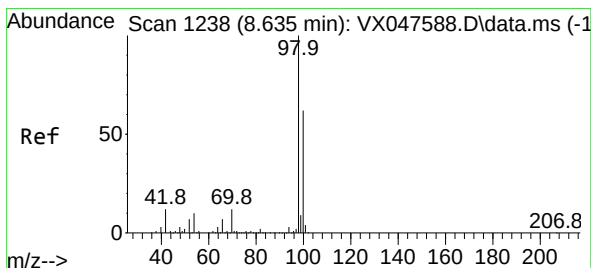
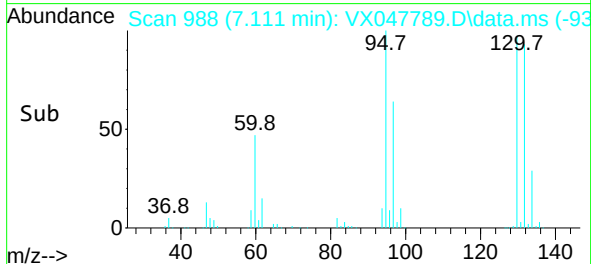
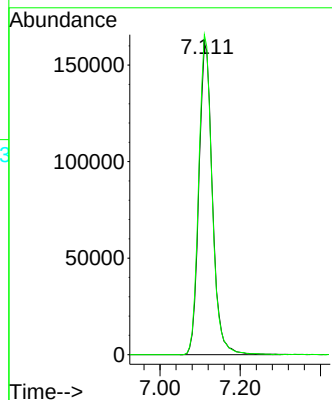
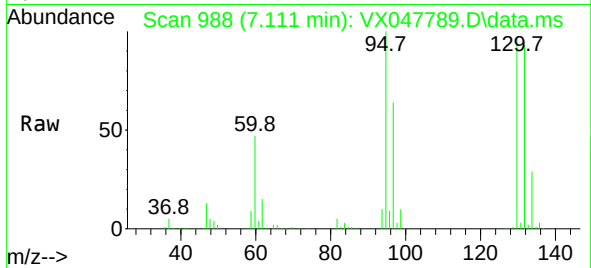




#44
Trichloroethene
Concen: 193.822 ug/l
RT: 7.111 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

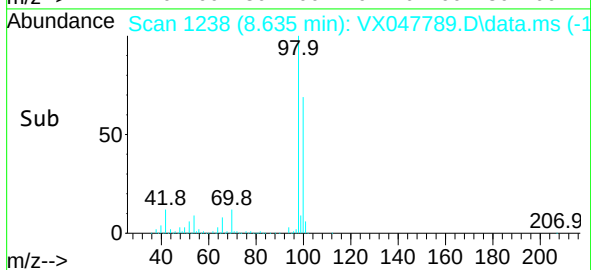
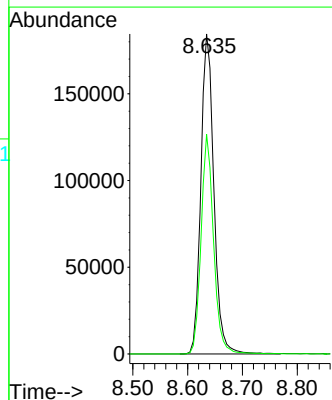
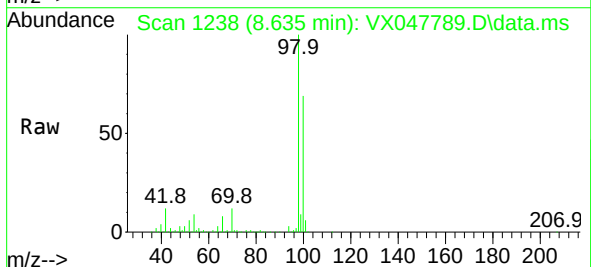
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250915

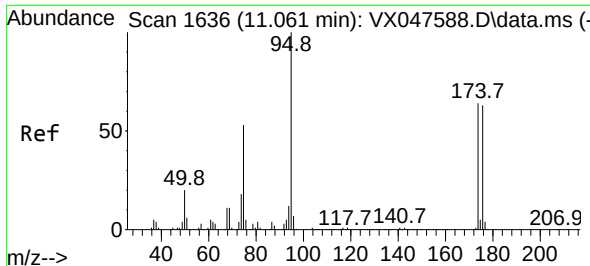
Tgt Ion:130 Resp: 377447
Ion Ratio Lower Upper
130 100
95 102.9 0.0 210.8



#50
Toluene-d8
Concen: 48.465 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

Tgt Ion: 98 Resp: 304364
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

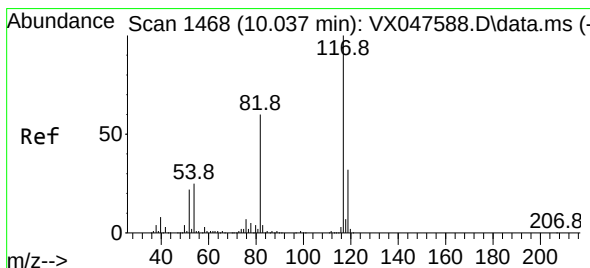
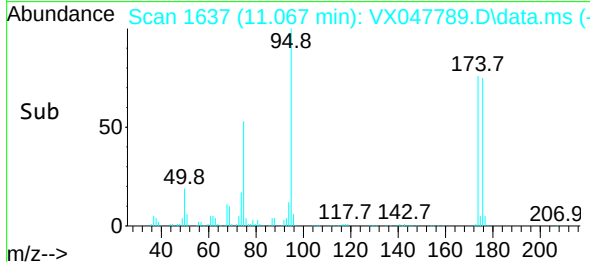
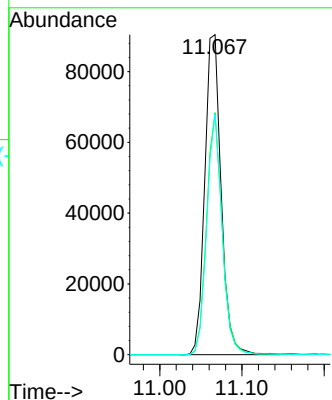
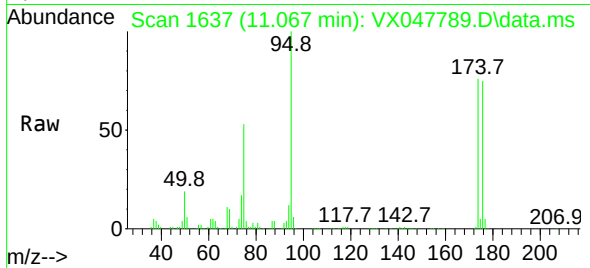




#62
4-Bromofluorobenzene
Concen: 52.412 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

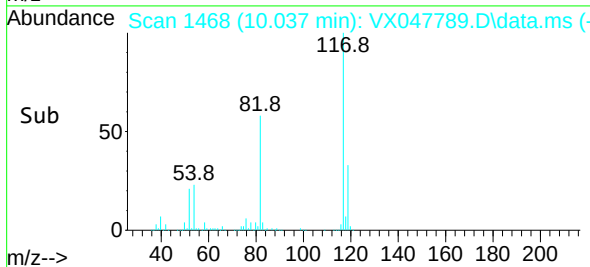
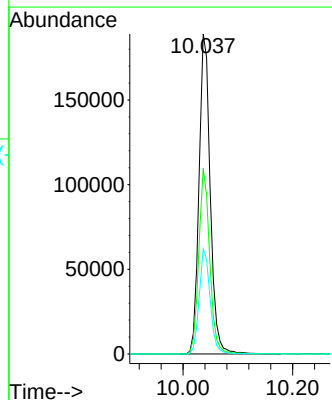
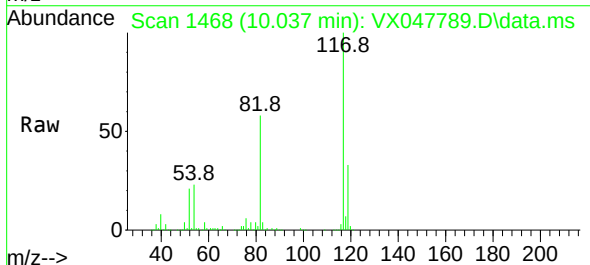
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250915

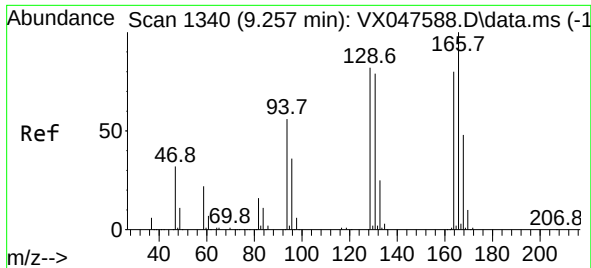
Tgt Ion: 95 Resp: 124919
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 70.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

Tgt Ion: 117 Resp: 270032
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.6
119 32.8 25.2 37.8

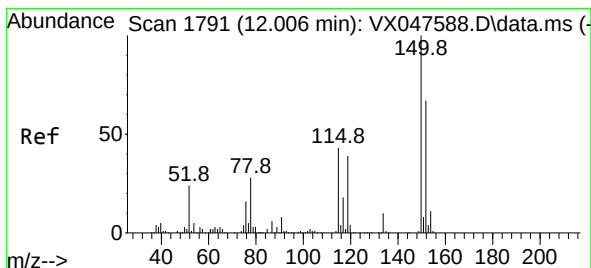
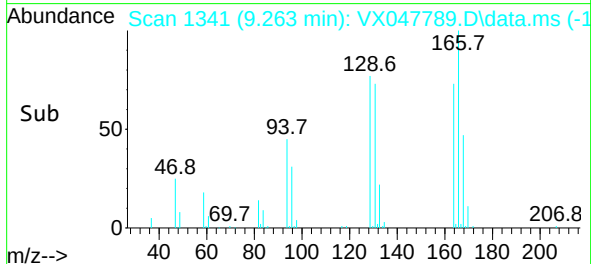
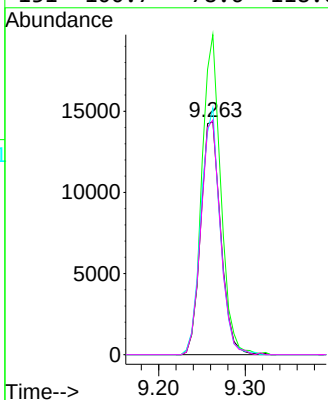
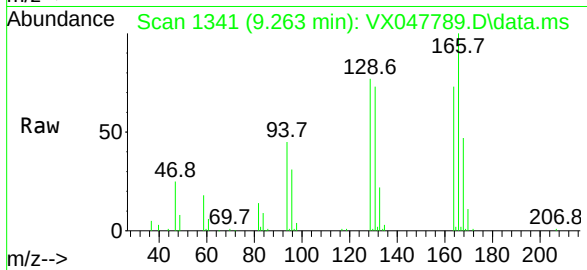




#64
Tetrachloroethene
Concen: 13.066 ug/l
RT: 9.263 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20250915

Tgt Ion:164	Resp:	23000
Ion Ratio	Lower	Upper
164	100	
166	137.3	100.2 150.2
129	105.8	81.8 122.6
131	100.7	78.6 118.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047789.D
Acq: 24 Sep 2025 19:54

Tgt Ion:152	Resp:	134111
Ion Ratio	Lower	Upper
152	100	
115	61.4	44.9 134.5
150	156.6	0.0 352.0

