

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047654.D
 Acq On : 18 Sep 2025 19:53
 Operator : JC/MD
 Sample : Q3095-29
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20250910

Quant Time: Sep 19 01:36:47 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)

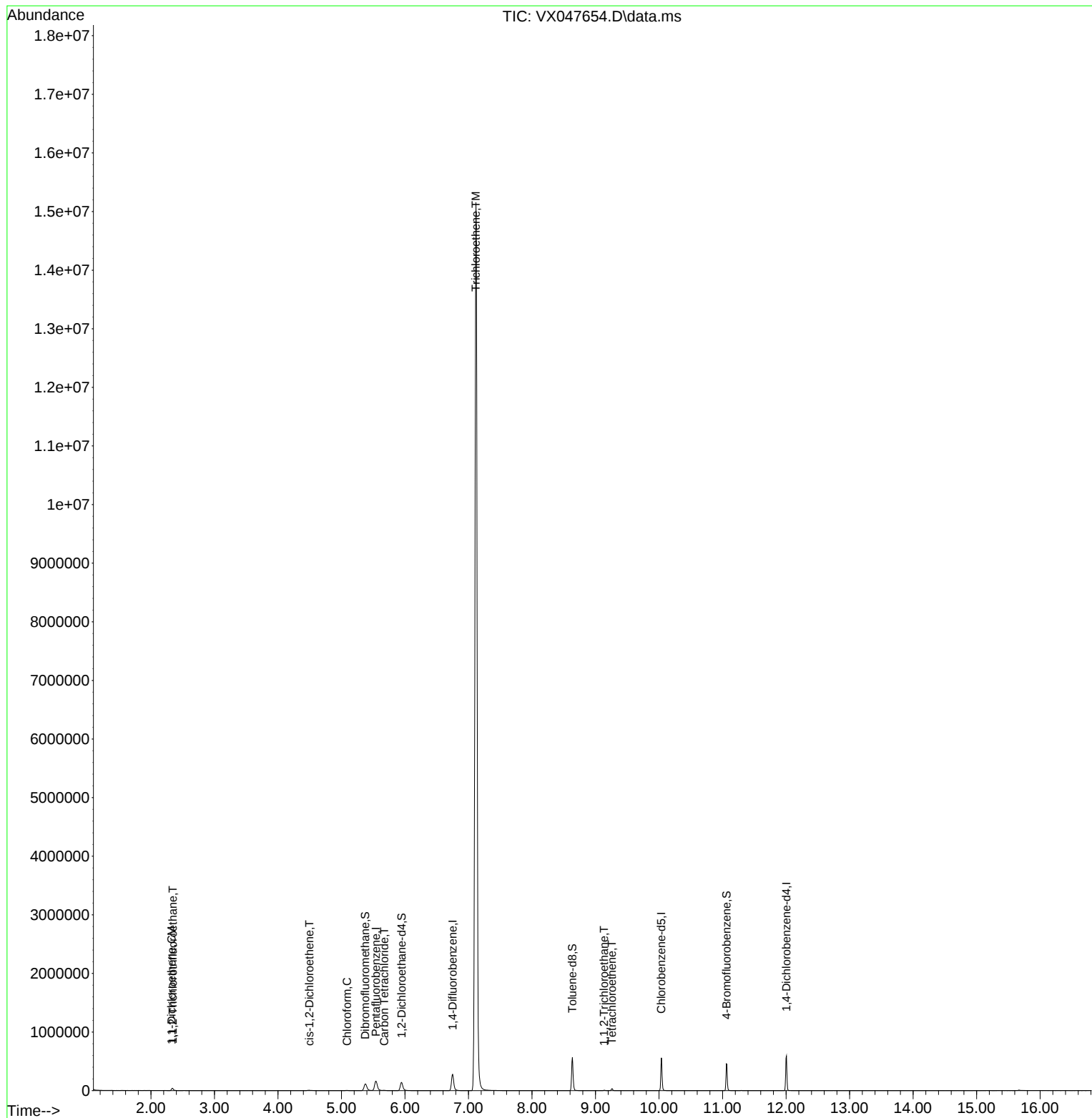
Internal Standards						
1) Pentafluorobenzene	5.544	168	163338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	303548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	246226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	151198	58.155	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 116.300%		
35) Dibromofluoromethane	5.373	113	111583	54.811	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.620%		
50) Toluene-d8	8.635	98	344429	48.896	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.800%		
62) 4-Bromofluorobenzene	11.061	95	135505	50.687	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.380%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.343	101	15662	8.290	ug/l	97
12) 1,1-Dichloroethene	2.325	96	4014	2.068	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	4530	1.770	ug/l	93
30) Chloroform	5.086	83	3388	0.813	ug/l	100
38) Carbon Tetrachloride	5.672	117	4455	1.378	ug/l #	80
44) Trichloroethene	7.117	130	6374946	2918.489	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	2000	0.932	ug/l #	86
64) Tetrachloroethene	9.256	164	6710	4.180	ug/l	94

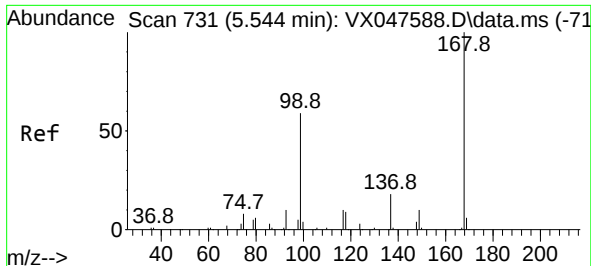
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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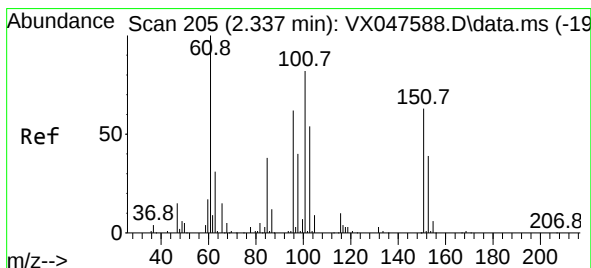
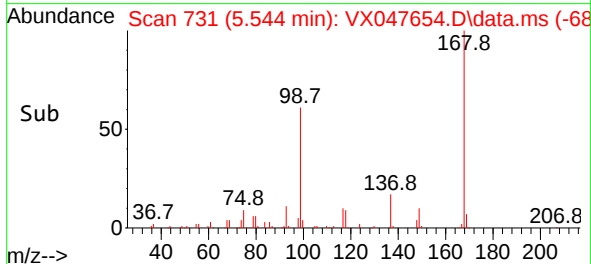
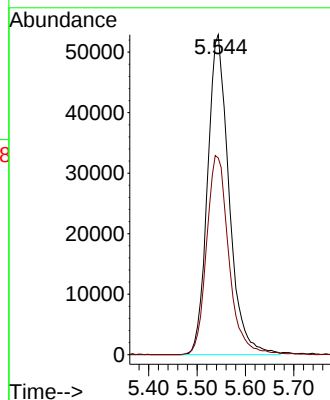
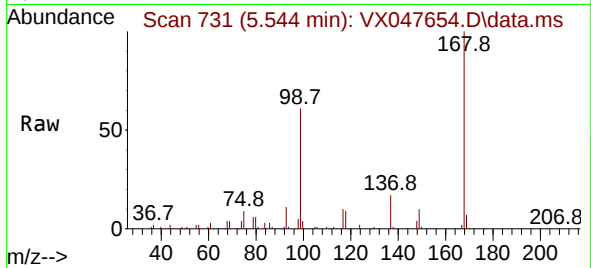




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

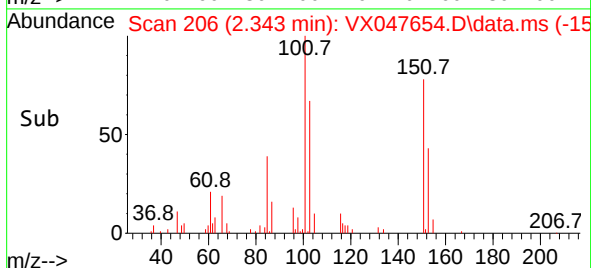
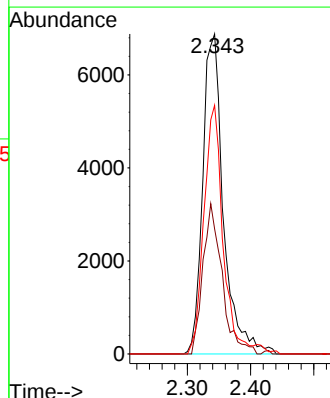
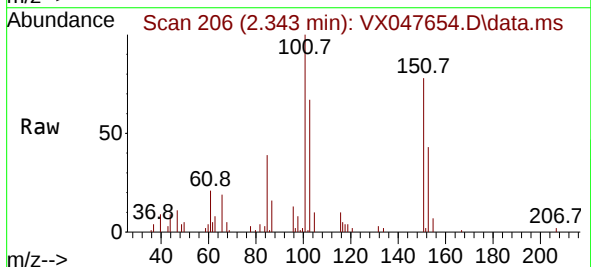
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20250910

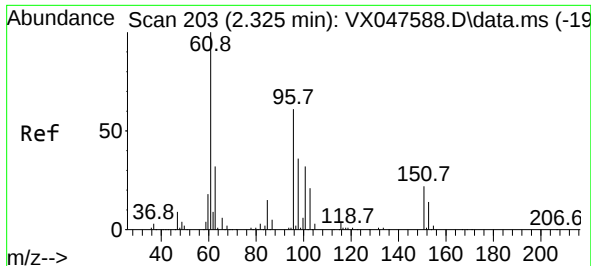
Tgt Ion:168 Resp: 163338
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.290 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

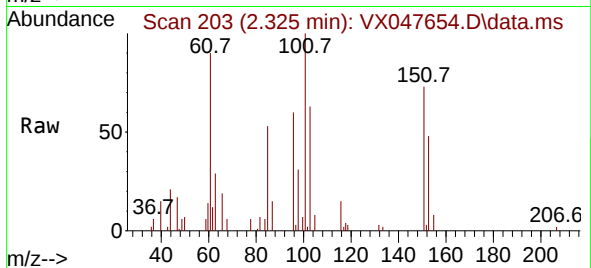
Tgt Ion:101 Resp: 15662
Ion Ratio Lower Upper
101 100
85 43.7 35.5 53.3
151 71.3 59.4 89.0





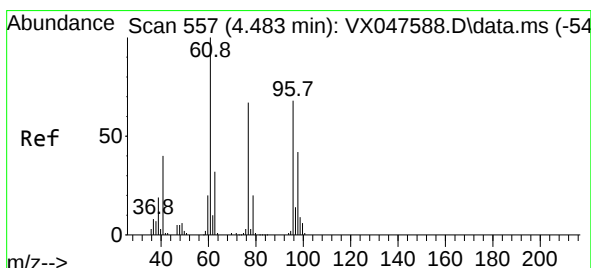
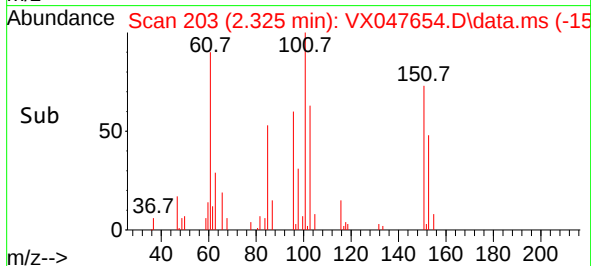
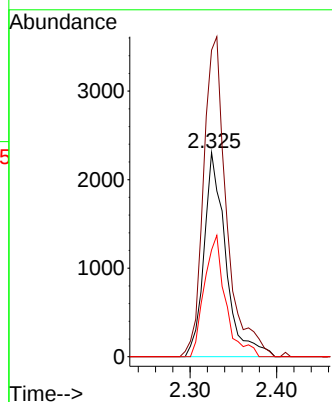
#12
1,1-Dichloroethene
Concen: 2.068 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20250910



Tgt Ion: 96 Resp: 4014

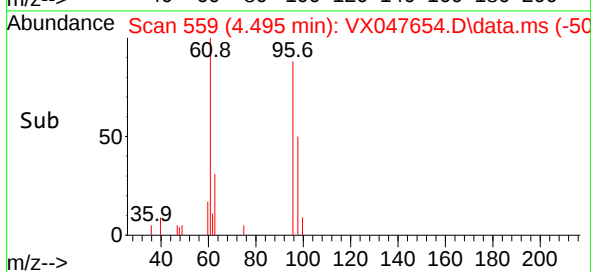
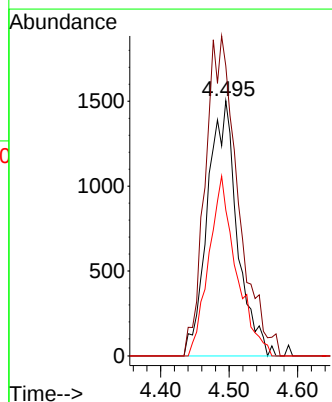
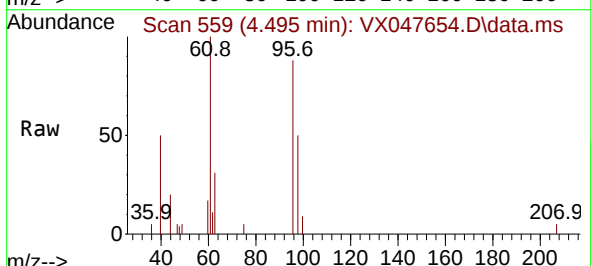
Ion	Ratio	Lower	Upper
96	100		
61	170.7	131.0	196.6
98	52.3	47.7	71.5

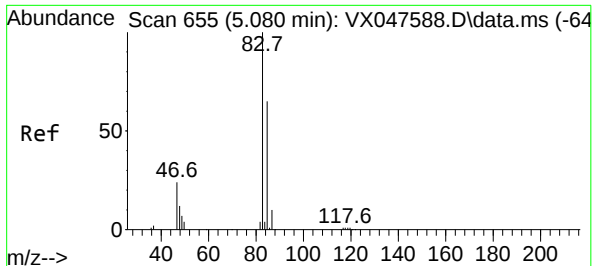


#27
cis-1,2-Dichloroethene
Concen: 1.770 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.012 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

Tgt Ion: 96 Resp: 4530

Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	303.2
98	65.2	0.0	127.8





#30

Chloroform

Concen: 0.813 ug/l

RT: 5.086 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX047654.D

Acq: 18 Sep 2025 19:53

Instrument :

MSVOA_X

ClientSampleId :

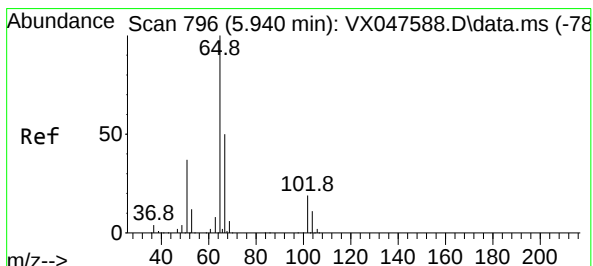
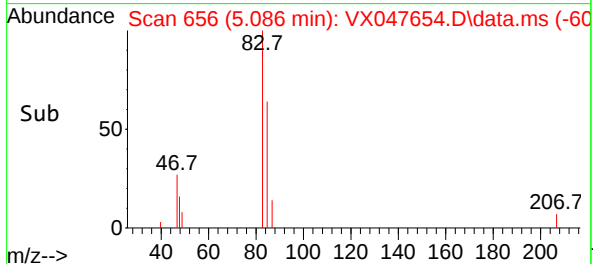
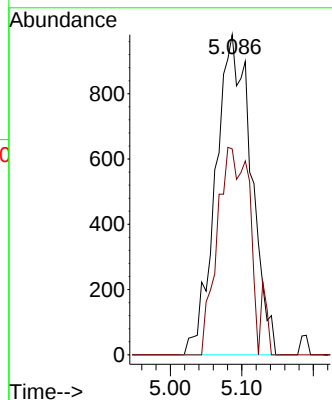
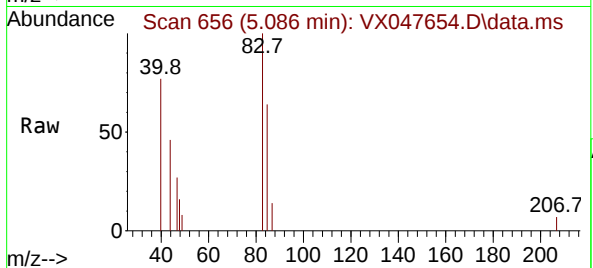
RE122D2-20250910

Tgt Ion: 83 Resp: 3388

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: 58.155 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047654.D

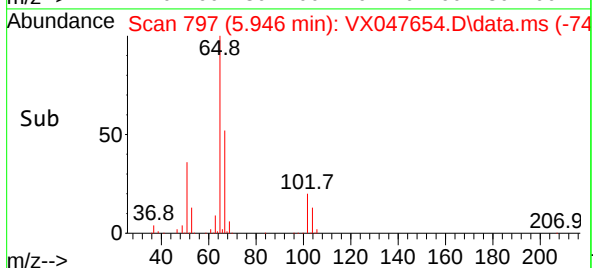
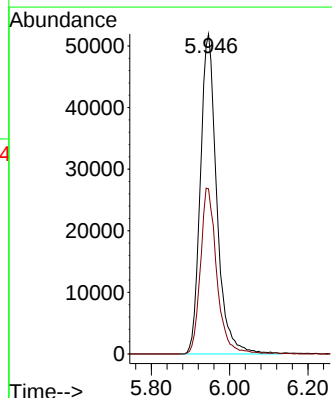
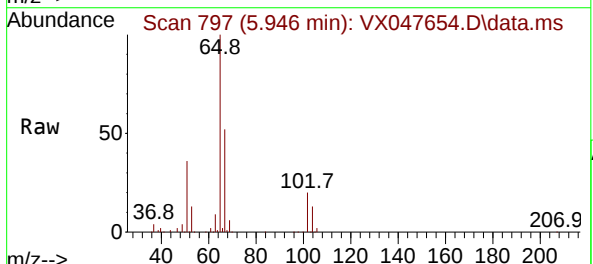
Acq: 18 Sep 2025 19:53

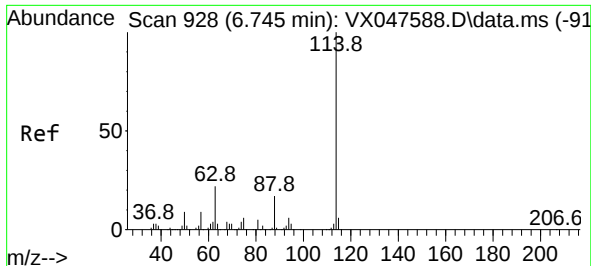
Tgt Ion: 65 Resp: 151198

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.0

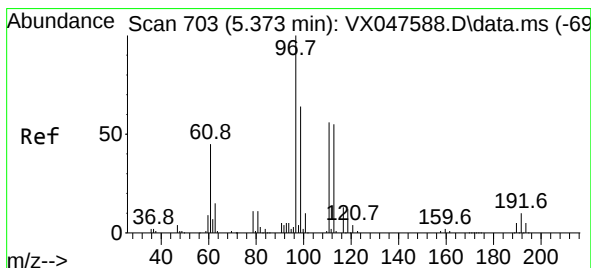
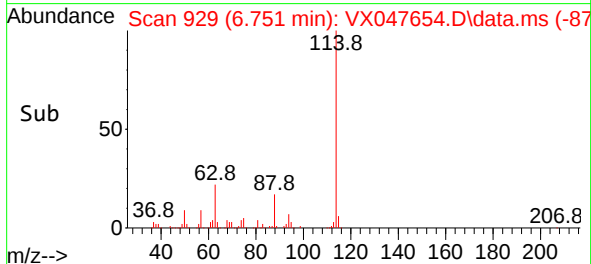
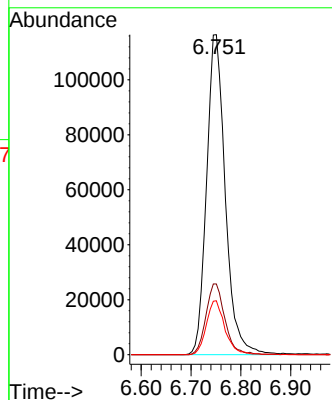
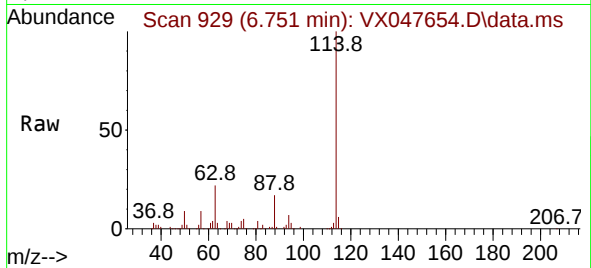




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

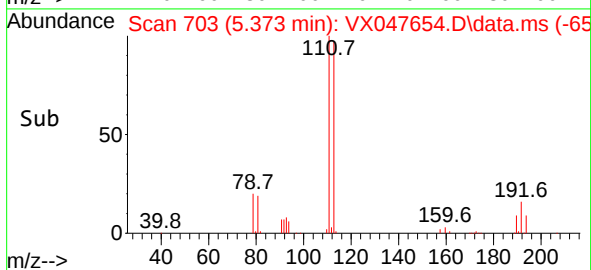
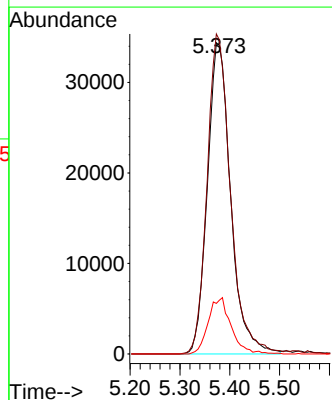
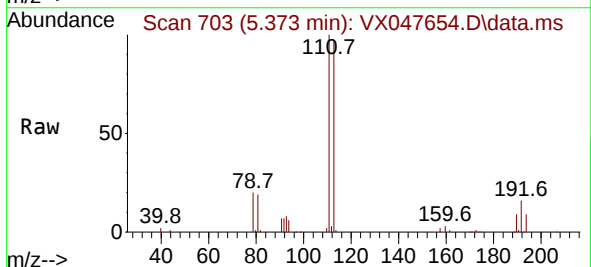
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20250910

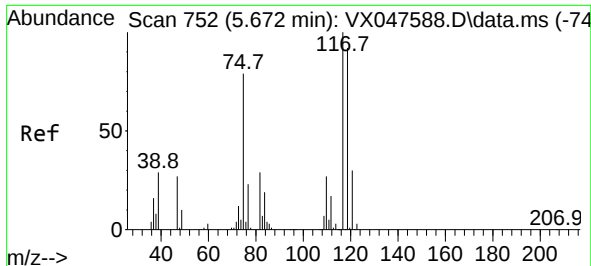
Tgt Ion:114 Resp: 303548
Ion Ratio Lower Upper
114 100
63 25.2 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 54.811 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

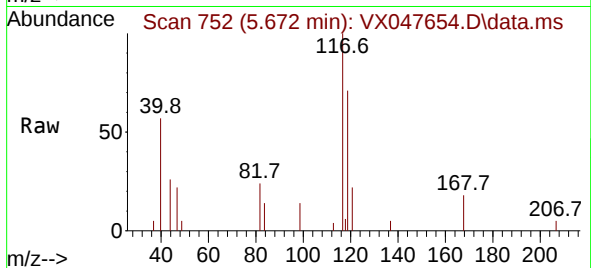
Tgt Ion:113 Resp: 111583
Ion Ratio Lower Upper
113 100
111 103.2 80.9 121.3
192 17.8 14.2 21.4



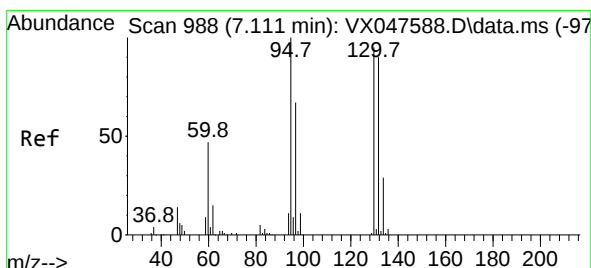
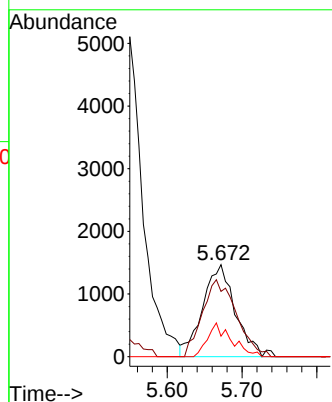
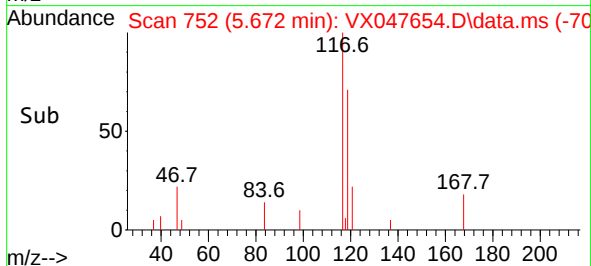


#38
Carbon Tetrachloride
Concen: 1.378 ug/l
RT: 5.672 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20250910

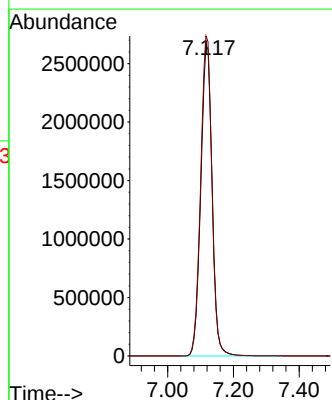
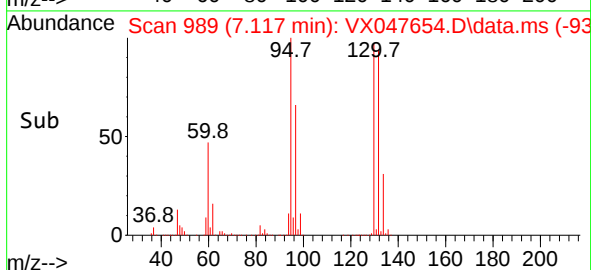
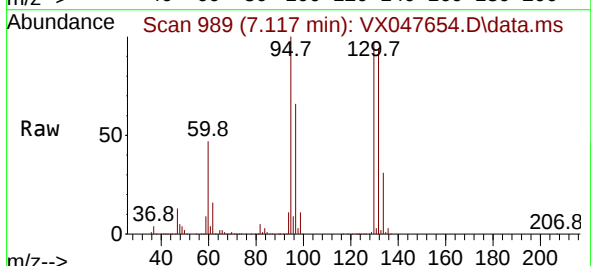


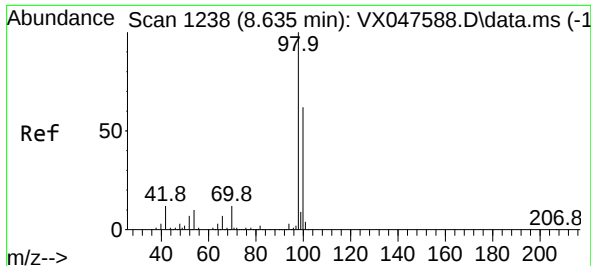
Tgt Ion:117 Resp: 4455
Ion Ratio Lower Upper
117 100
119 70.9 73.4 110.2#
121 22.2 23.8 35.6#



#44
Trichloroethene
Concen: 2918.489 ug/l
RT: 7.117 min Scan# 989
Delta R.T. 0.006 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

Tgt Ion:130 Resp: 6374946
Ion Ratio Lower Upper
130 100
95 102.8 0.0 210.8

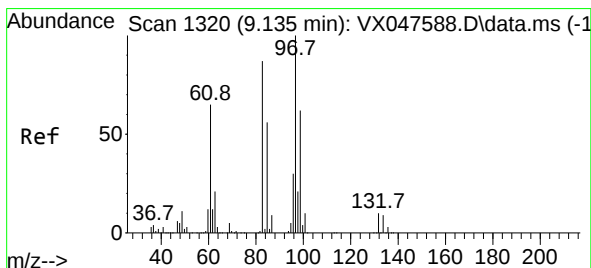
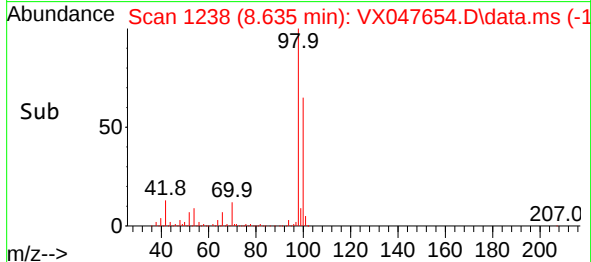
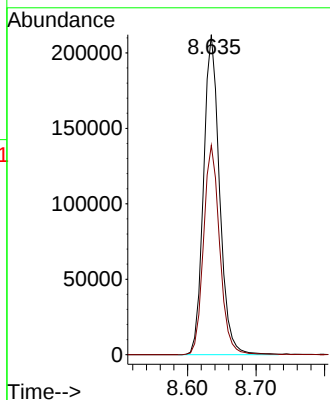
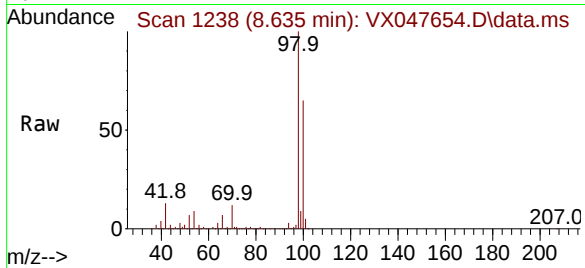




#50
Toluene-d8
Concen: 48.896 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

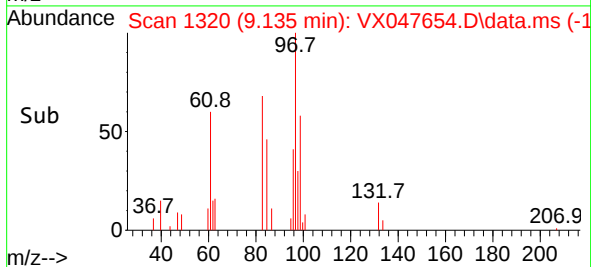
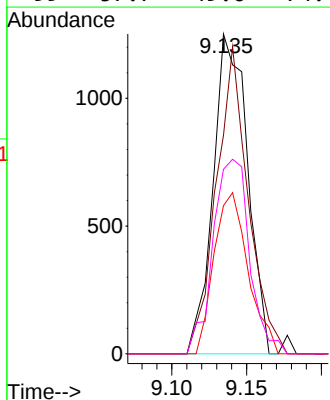
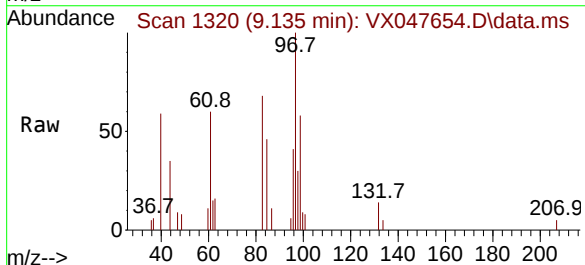
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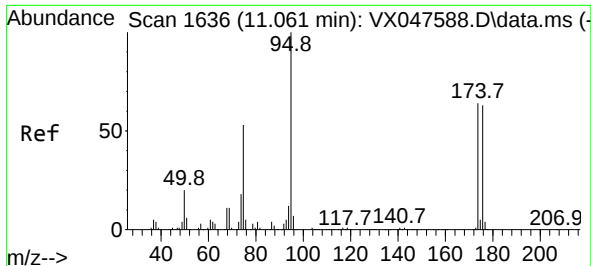
Tgt Ion: 98 Resp: 344429
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#55
1,1,2-Trichloroethane
Concen: 0.932 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

Tgt Ion: 97 Resp: 2000
Ion Ratio Lower Upper
97 100
83 68.3 69.6 104.4#
85 46.3 45.0 67.6
99 57.7 49.6 74.4

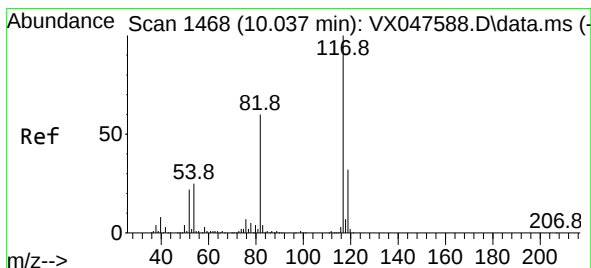
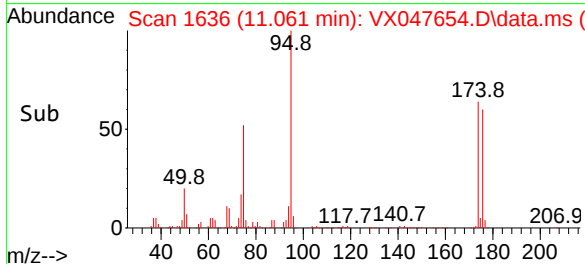
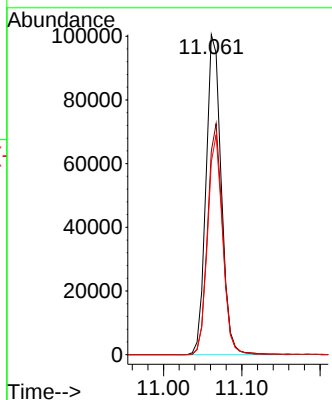
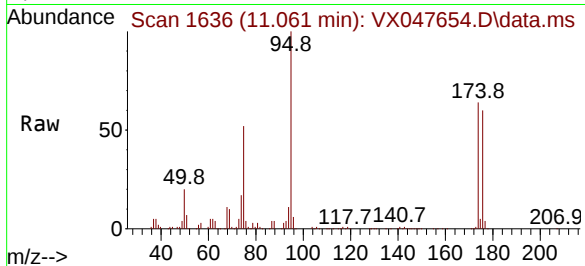




#62
4-Bromofluorobenzene
Concen: 50.687 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

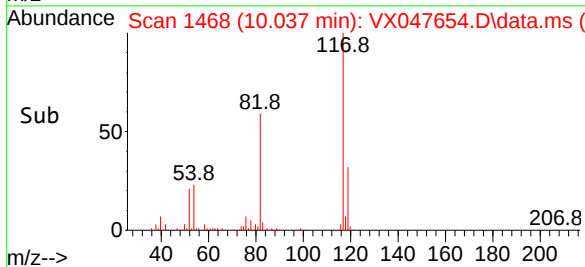
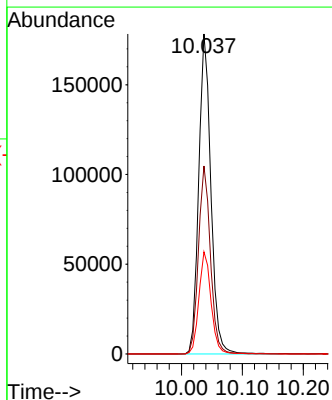
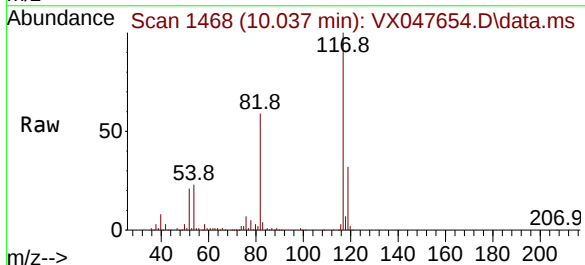
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20250910

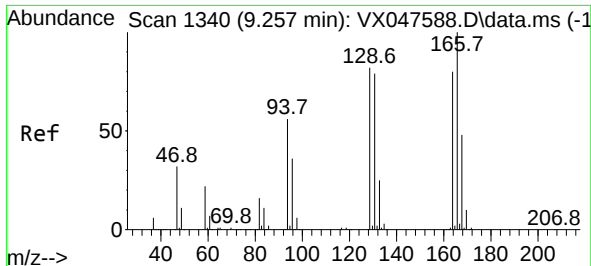
Tgt Ion: 95 Resp: 135505
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 67.7 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

Tgt Ion: 117 Resp: 246226
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.6
119 31.9 25.2 37.8

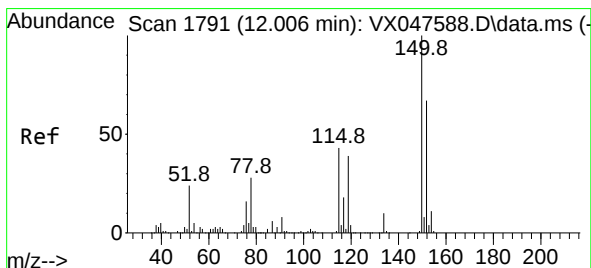
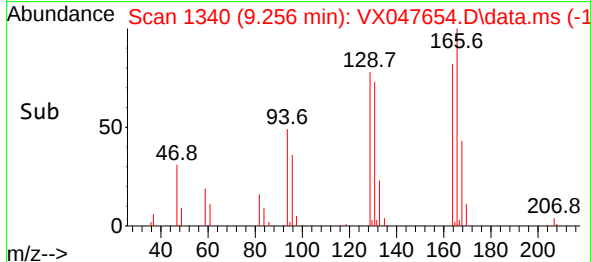
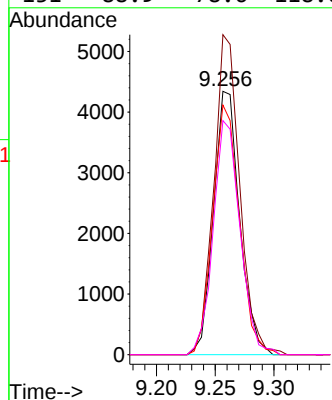
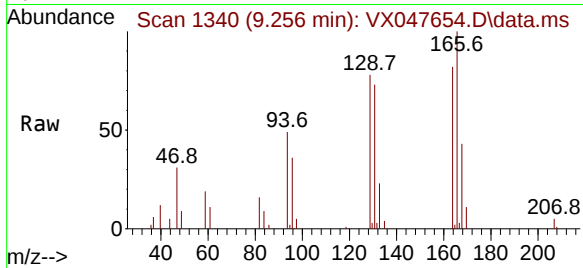




#64
Tetrachloroethene
Concen: 4.180 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047654.D
Acq: 18 Sep 2025 19:53

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20250910

Tgt	Ion:164	Resp:	6710
Ion	Ratio	Lower	Upper
164	100		
166	121.5	100.2	150.2
129	94.8	81.8	122.6
131	88.9	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: VX047654.D
Acq: 18 Sep 2025 19:53

Tgt	Ion:152	Resp:	122418
Ion	Ratio	Lower	Upper
152	100		
115	62.9	44.9	134.5
150	155.5	0.0	352.0

