

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047672.D
 Acq On : 19 Sep 2025 13:52
 Operator : JC/MD
 Sample : Q3095-30
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20250910

Quant Time: Sep 20 00:31:42 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)

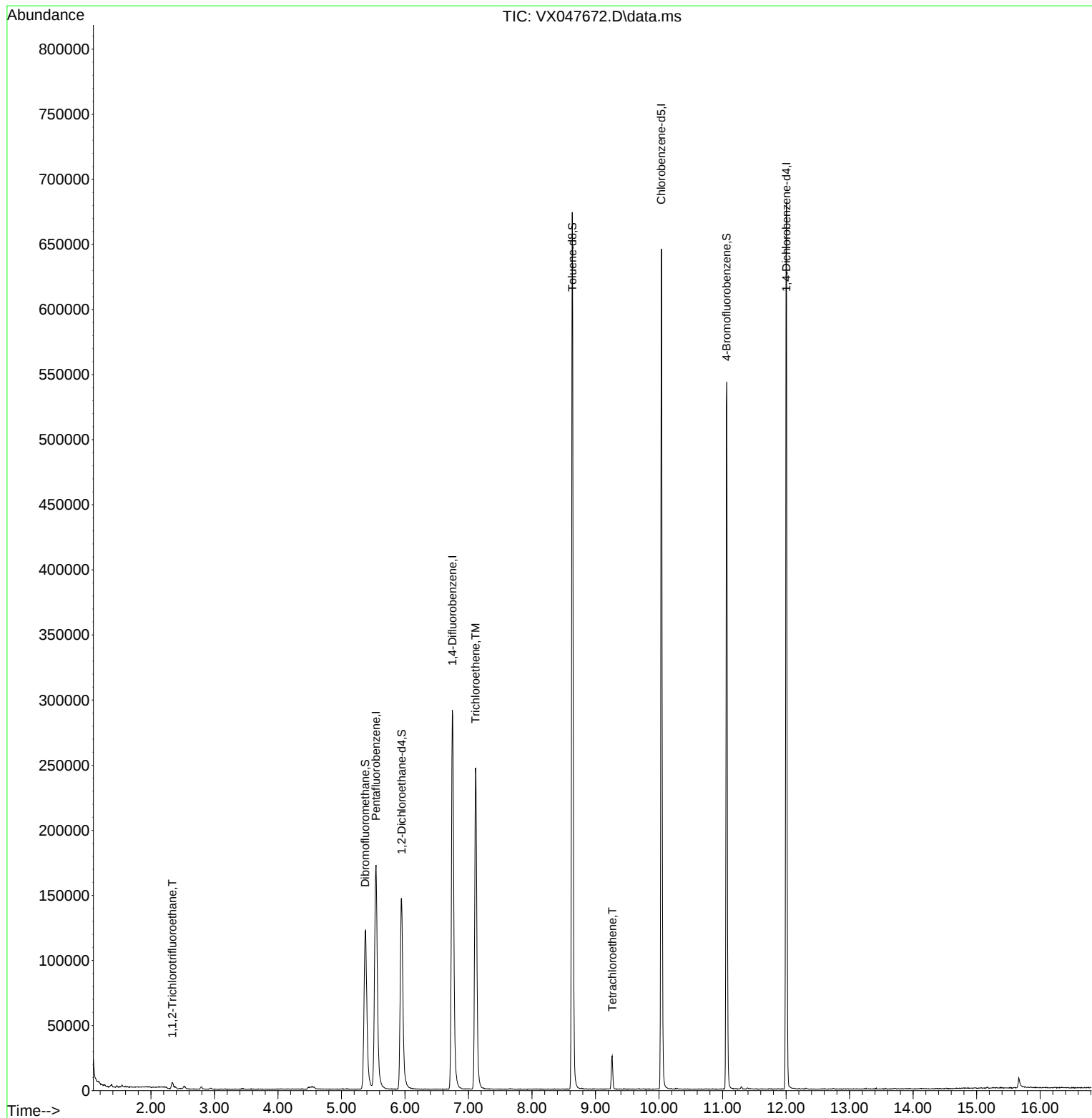
Internal Standards						
1) Pentafluorobenzene	5.544	168	172904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	321637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	158328	57.528	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.060%
35) Dibromofluoromethane	5.373	113	119999	55.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.260%
50) Toluene-d8	8.635	98	412746	55.299	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	110.600%
62) 4-Bromofluorobenzene	11.061	95	157423	55.574	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.140%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1904	0.952	ug/l	# 89
44) Trichloroethene	7.110	130	104006	44.937	ug/l	94
64) Tetrachloroethene	9.262	164	5115	2.691	ug/l	94

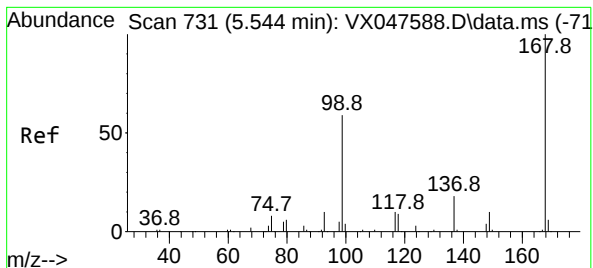
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX047672.D

Acq: 19 Sep 2025 13:52

Instrument :

MSVOA_X

ClientSampleId :

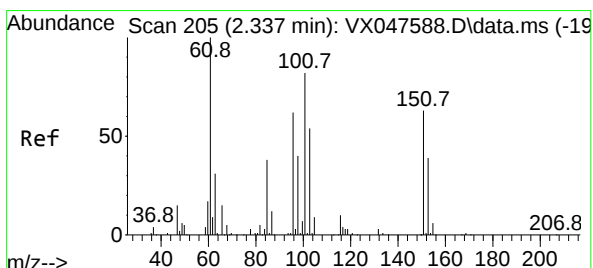
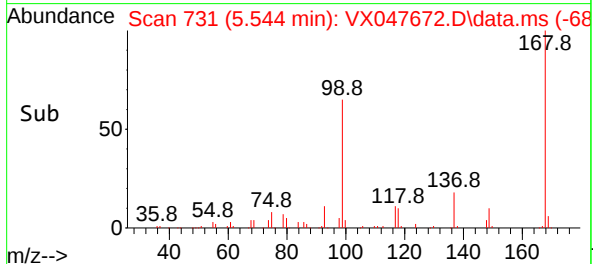
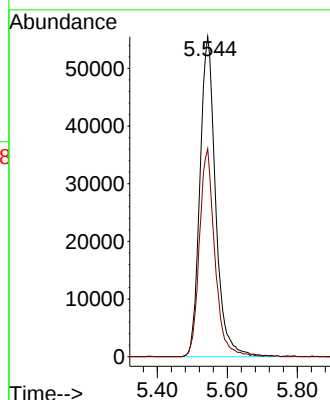
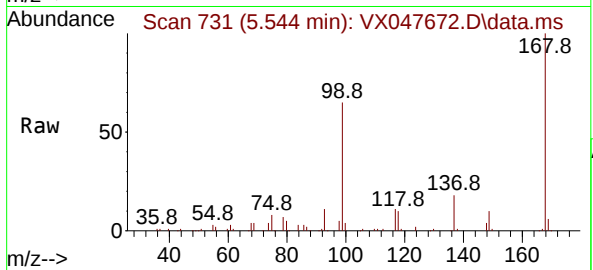
RE104D1-20250910

Tgt Ion:168 Resp: 172904

Ion Ratio Lower Upper

168 100

99 65.0 48.8 73.2



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.952 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX047672.D

Acq: 19 Sep 2025 13:52

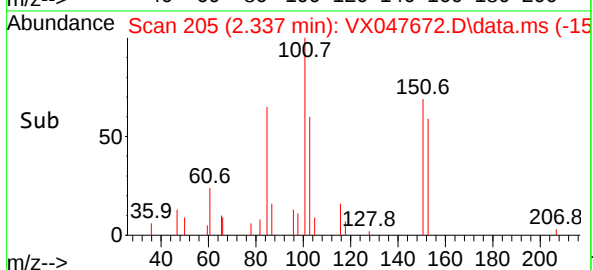
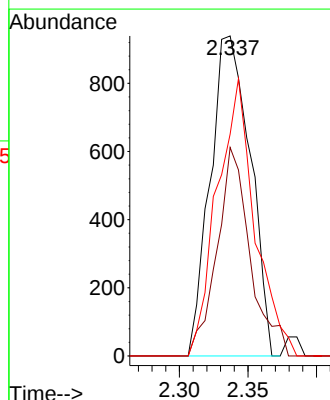
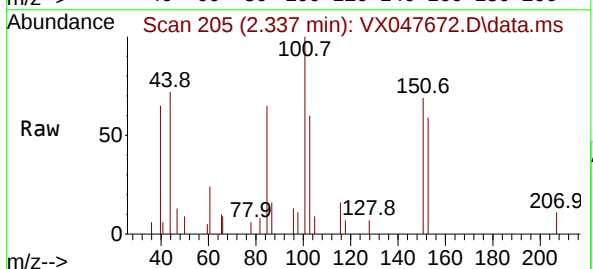
Tgt Ion:101 Resp: 1904

Ion Ratio Lower Upper

101 100

85 54.1 35.5 53.3#

151 81.5 59.4 89.0





#33

1,2-Dichloroethane-d4

Concen: 57.528 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047672.D

Acq: 19 Sep 2025 13:52

Instrument :

MSVOA_X

ClientSampleId :

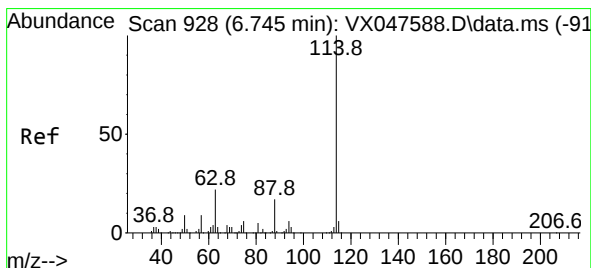
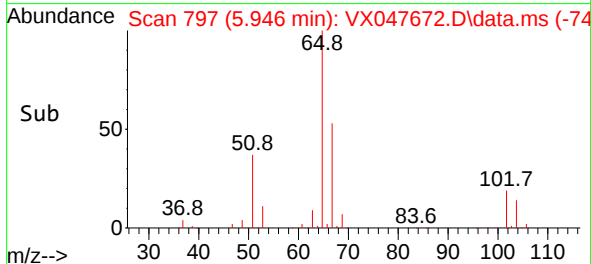
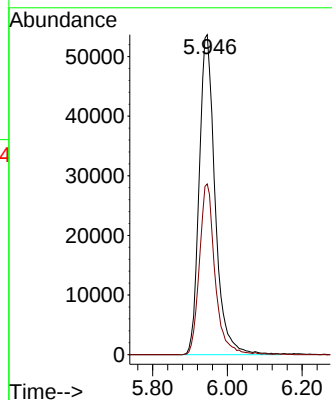
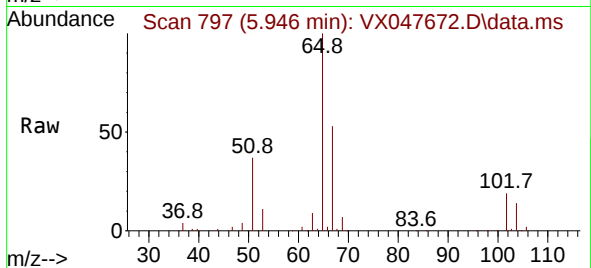
RE104D1-20250910

Tgt Ion: 65 Resp: 158328

Ion Ratio Lower Upper

65 100

67 52.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047672.D

Acq: 19 Sep 2025 13:52

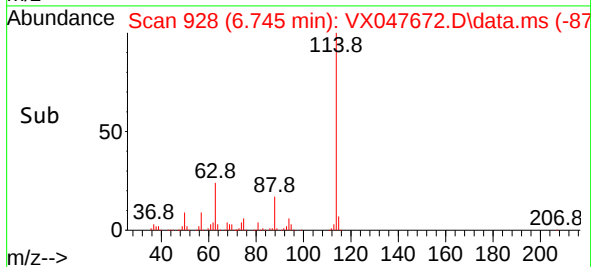
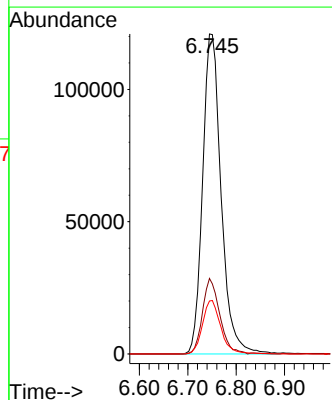
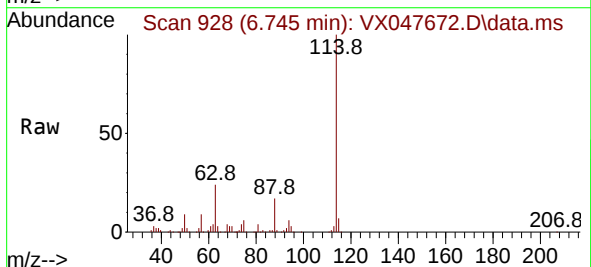
Tgt Ion: 114 Resp: 321637

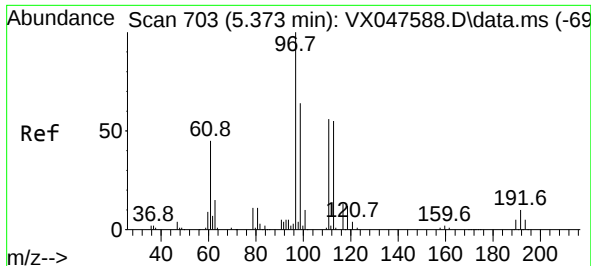
Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.0

88 16.5 0.0 34.2

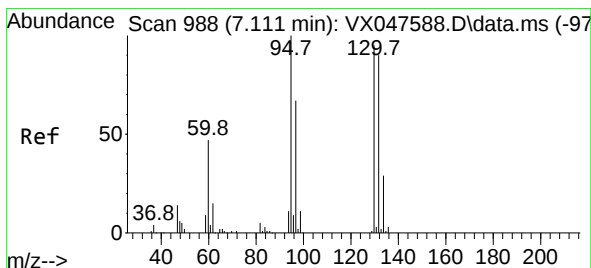
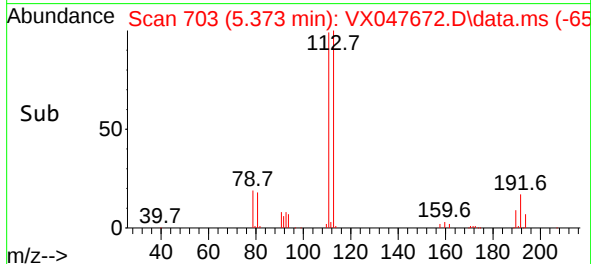
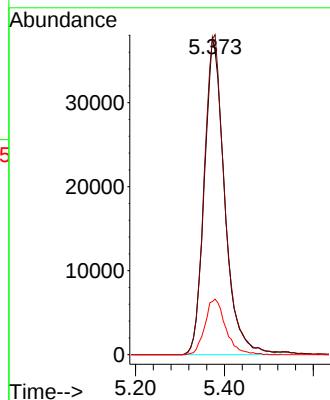
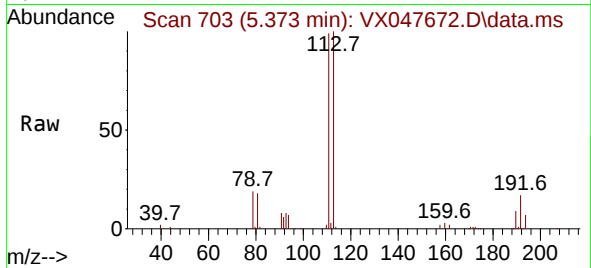




#35
Dibromofluoromethane
Concen: 55.630 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047672.D
Acq: 19 Sep 2025 13:52

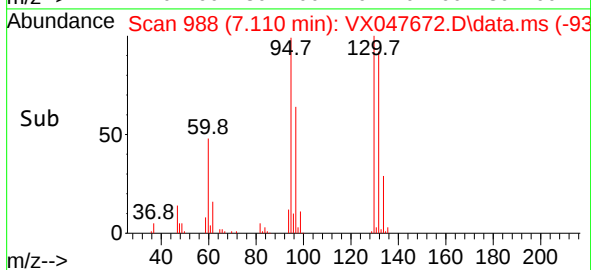
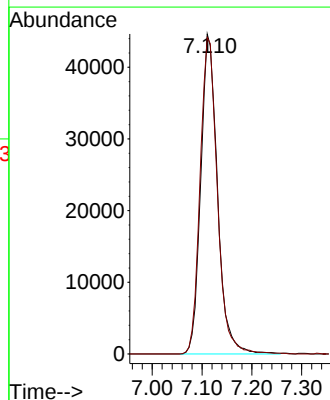
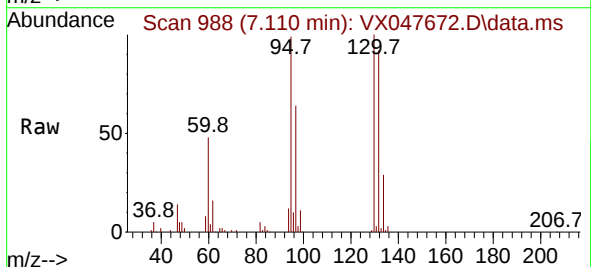
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20250910

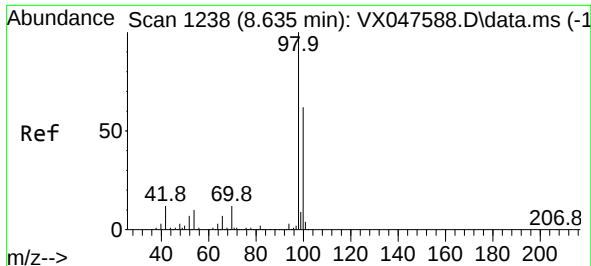
Tgt Ion:113 Resp: 119999
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 17.9 14.2 21.4



#44
Trichloroethene
Concen: 44.937 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047672.D
Acq: 19 Sep 2025 13:52

Tgt Ion:130 Resp: 104006
Ion Ratio Lower Upper
130 100
95 98.9 0.0 210.8

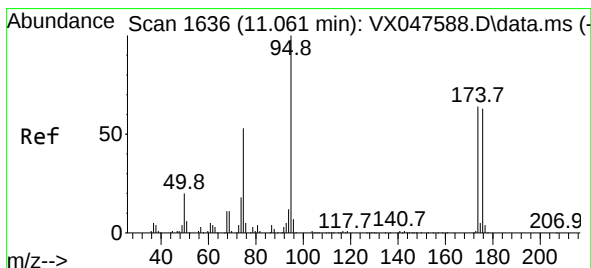
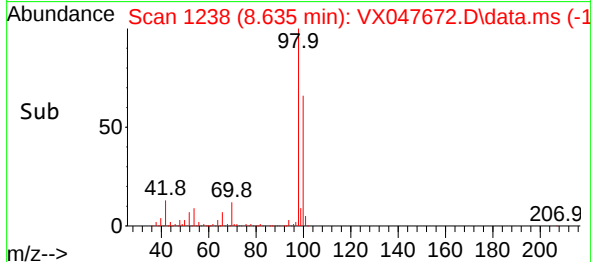
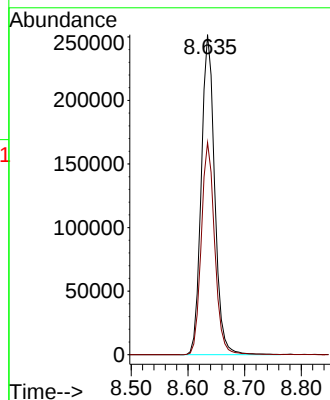
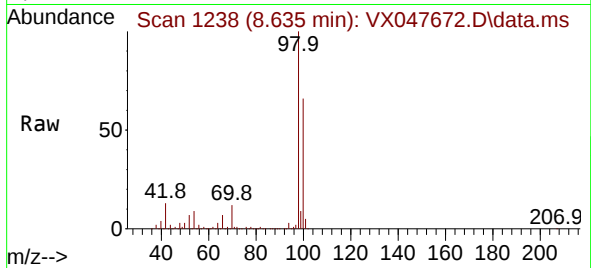




#50
Toluene-d8
Concen: 55.299 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047672.D
Acq: 19 Sep 2025 13:52

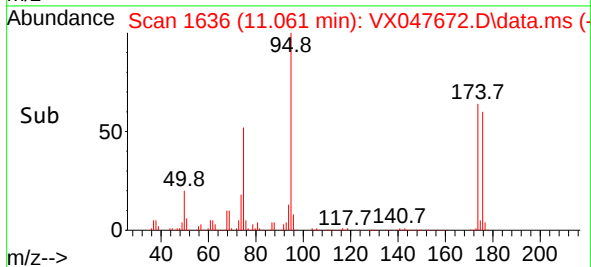
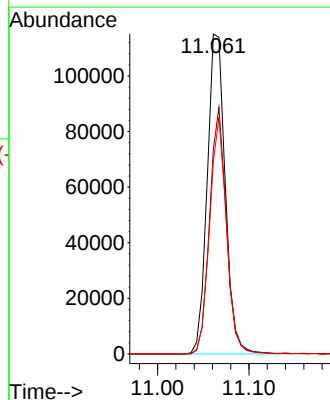
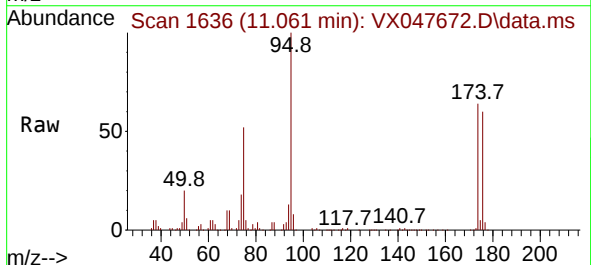
Instrument :
MSVOA_X
ClientSampleId :
RE104D1-20250910

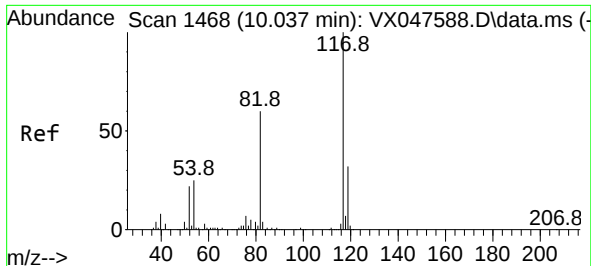
Tgt Ion: 98 Resp: 412746
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.574 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047672.D
Acq: 19 Sep 2025 13:52

Tgt Ion: 95 Resp: 157423
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 69.0 0.0 138.4

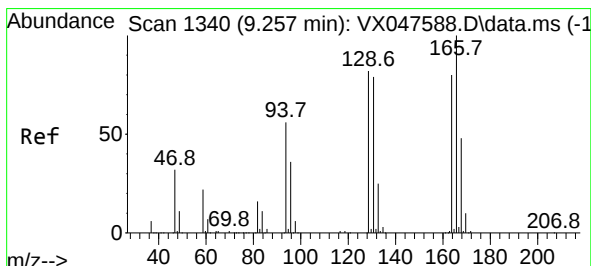
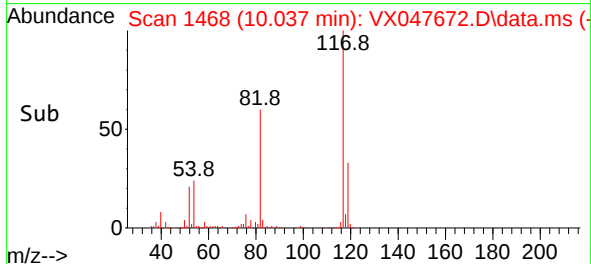
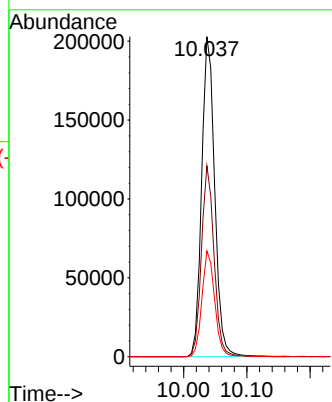
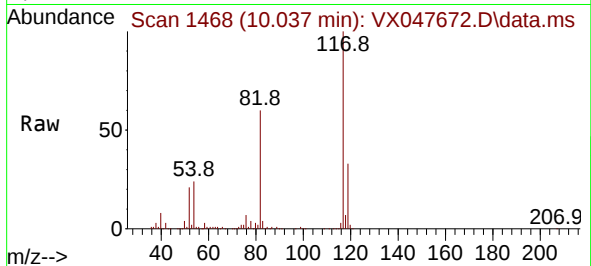




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047672.D
Acq: 19 Sep 2025 13:52

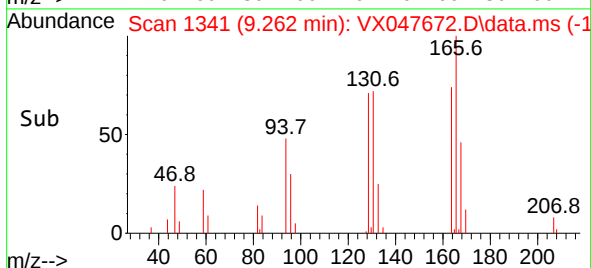
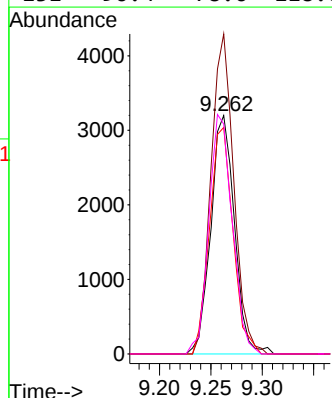
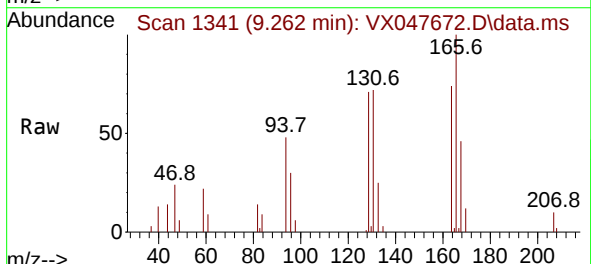
Instrument :
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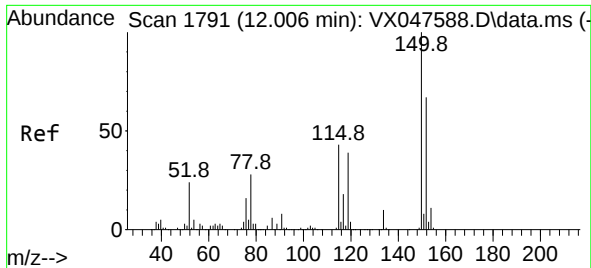
Tgt Ion:	117	Resp:	291592
Ion Ratio	Lower	Upper	
117	100		
82	59.6	47.8	71.6
119	33.0	25.2	37.8



#64
Tetrachloroethene
Concen: 2.691 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047672.D
Acq: 19 Sep 2025 13:52

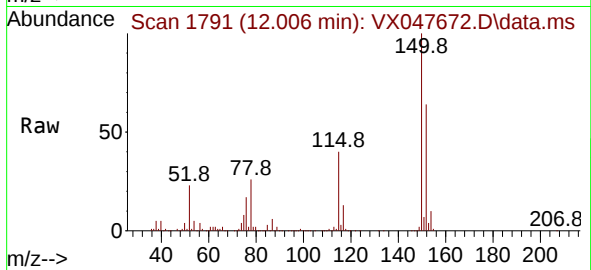
Tgt Ion:	164	Resp:	5115
Ion Ratio	Lower	Upper	
164	100		
166	134.2	100.2	150.2
129	95.1	81.8	122.6
131	96.4	78.6	118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047672.D
 Acq: 19 Sep 2025 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D1-20250910



Tgt Ion:	152	Resp:	140121
Ion	Ratio	Lower	Upper
152	100		
115	62.5	44.9	134.5
150	158.0	0.0	352.0

