

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091725\
 Data File : VX047614.D
 Acq On : 17 Sep 2025 13:45
 Operator : JC/MD
 Sample : Q3095-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20250909

Quant Time: Sep 18 02:04:08 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)

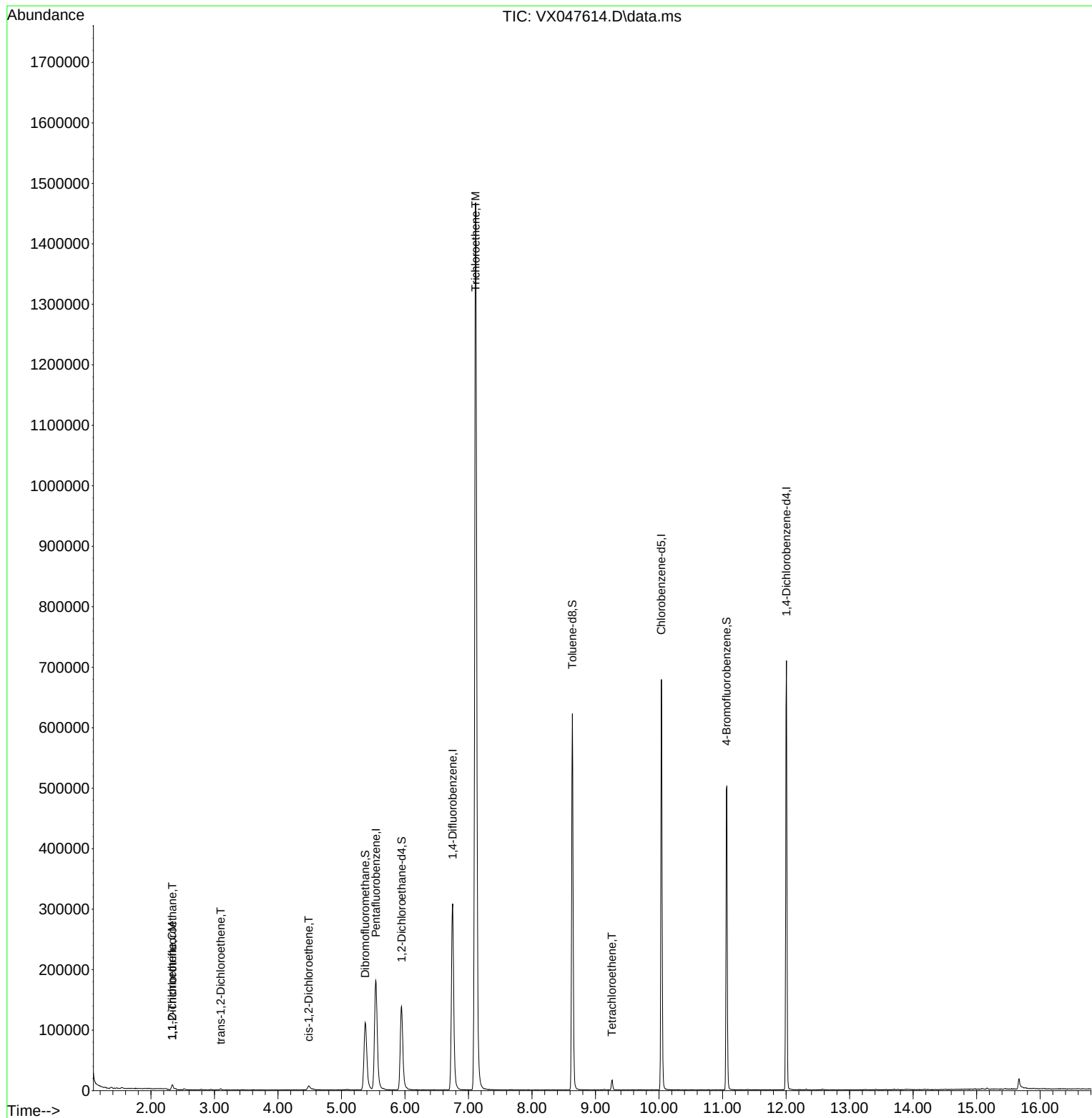
Internal Standards						
1) Pentafluorobenzene	5.544	168	181930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	336757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	299325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	150142	51.847	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.700%	
35) Dibromofluoromethane	5.373	113	109089	48.302	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.600%	
50) Toluene-d8	8.635	98	377035	48.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.500%	
62) 4-Bromofluorobenzene	11.061	95	144836	48.835	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.660%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	3160	1.502	ug/l	98
12) 1,1-Dichloroethene	2.331	96	620	0.287	ug/l #	82
21) trans-1,2-Dichloroethene	3.099	96	912	0.392	ug/l #	74
27) cis-1,2-Dichloroethene	4.483	96	4573	1.605	ug/l	93
44) Trichloroethene	7.110	130	605036	249.674	ug/l	98
64) Tetrachloroethene	9.256	164	3442	1.764	ug/l #	78

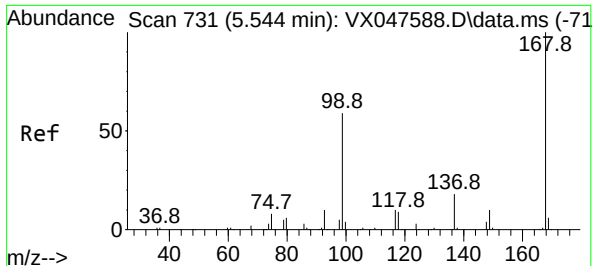
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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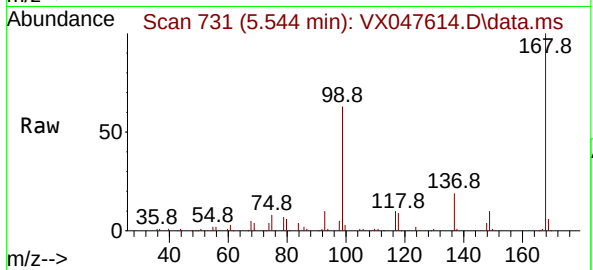
Quant Time: Sep 18 02:04:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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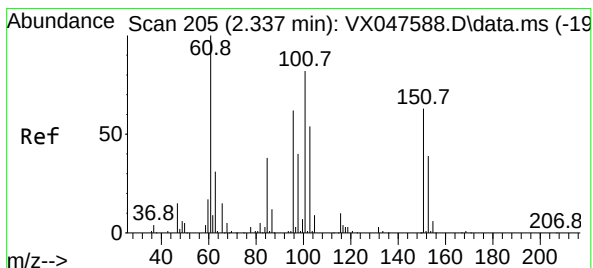
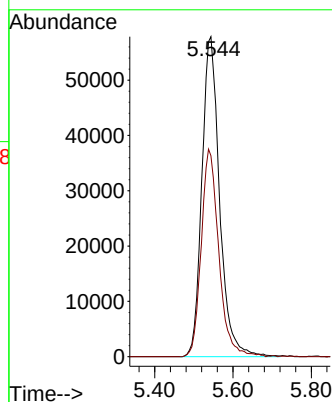
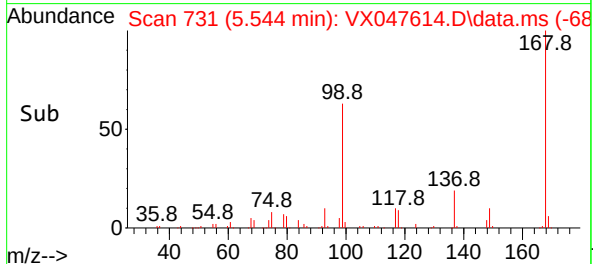


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45

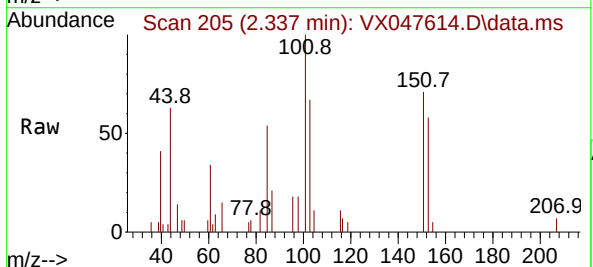
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909



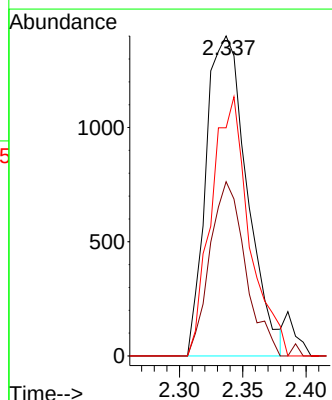
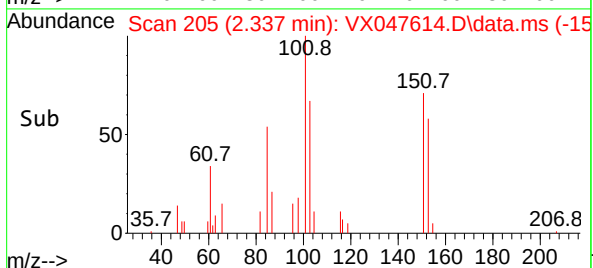
Tgt Ion:168 Resp: 181930
Ion Ratio Lower Upper
168 100
99 62.8 48.8 73.2

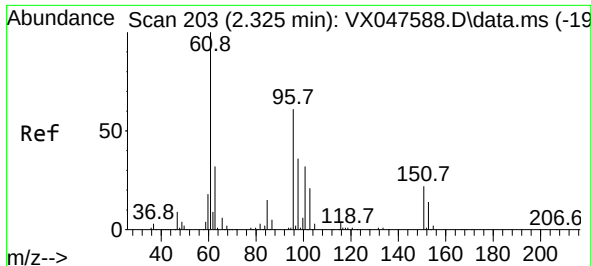


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.502 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45



Tgt Ion:101 Resp: 3160
Ion Ratio Lower Upper
101 100
85 47.1 35.5 53.3
151 75.0 59.4 89.0





#12

1,1-Dichloroethene

Concen: 0.287 ug/l

RT: 2.331 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX047614.D

Acq: 17 Sep 2025 13:45

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20250909

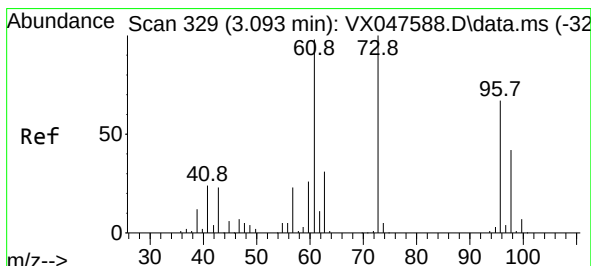
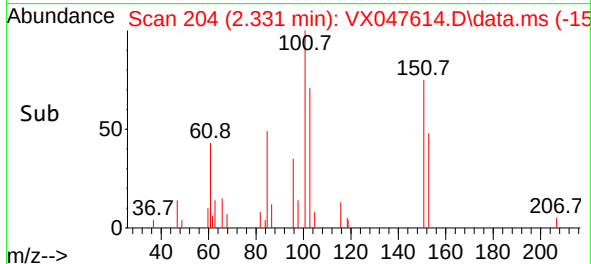
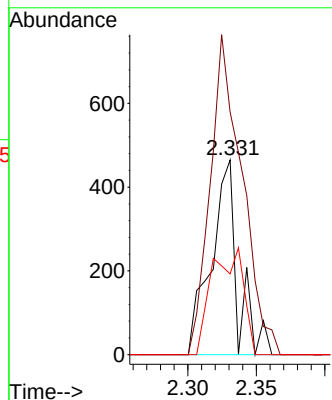
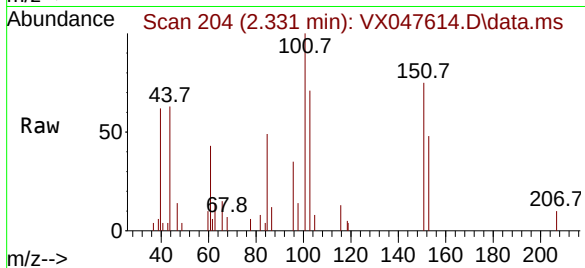
Tgt Ion: 96 Resp: 620

Ion Ratio Lower Upper

96 100

61 141.9 131.0 196.6

98 41.5 47.7 71.5#



#21

trans-1,2-Dichloroethene

Concen: 0.392 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX047614.D

Acq: 17 Sep 2025 13:45

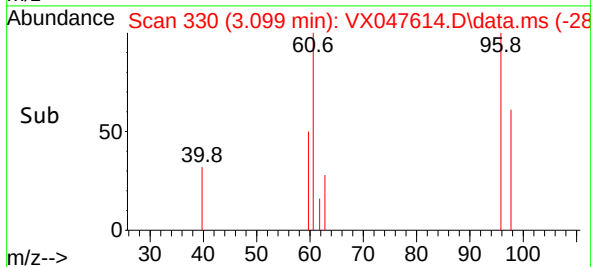
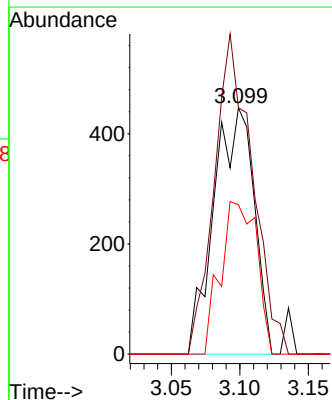
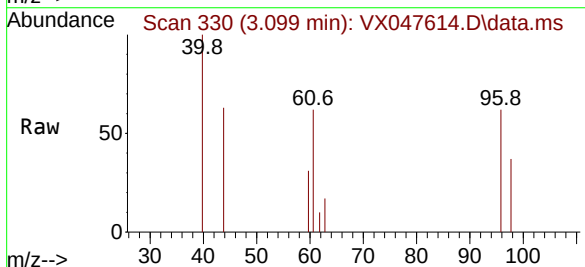
Tgt Ion: 96 Resp: 912

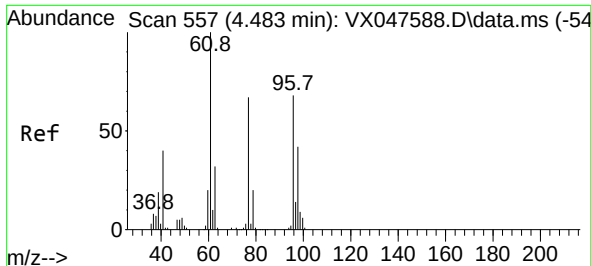
Ion Ratio Lower Upper

96 100

61 100.0 116.2 174.2#

98 60.6 49.3 73.9





#27

cis-1,2-Dichloroethene

Concen: 1.605 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX047614.D

Acq: 17 Sep 2025 13:45

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20250909

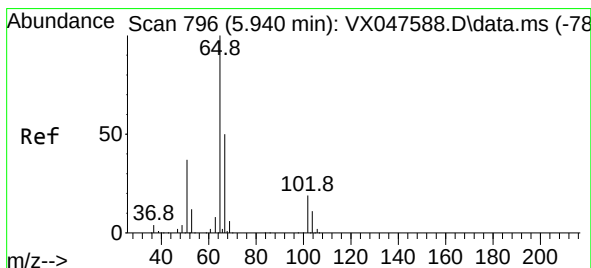
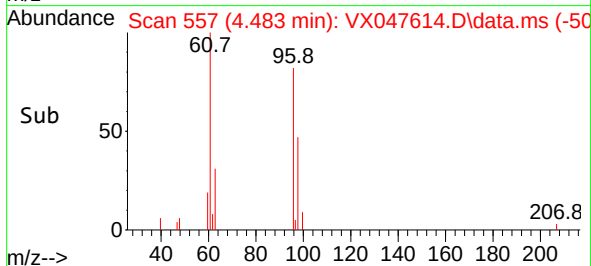
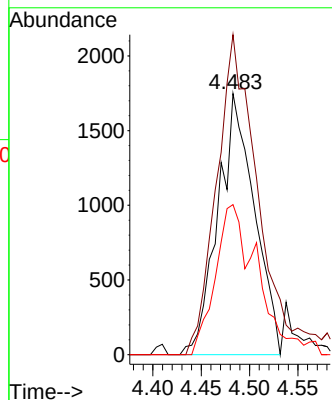
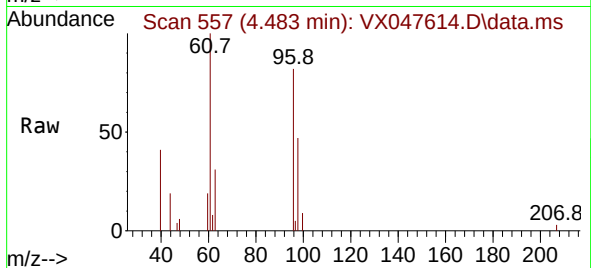
Tgt Ion: 96 Resp: 4573

Ion Ratio Lower Upper

96 100

61 141.3 0.0 303.2

98 67.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 51.847 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047614.D

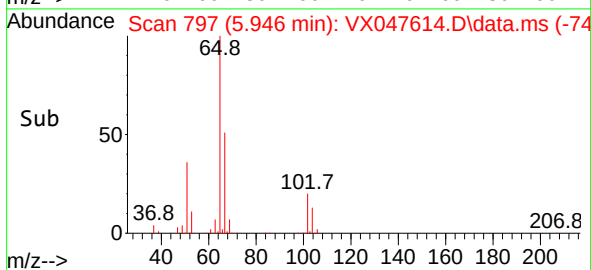
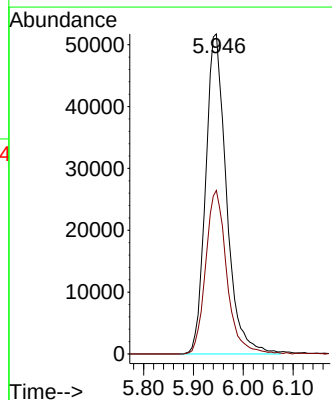
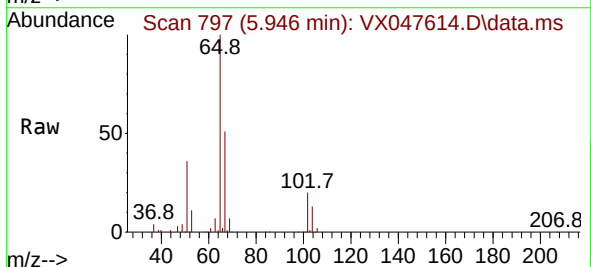
Acq: 17 Sep 2025 13:45

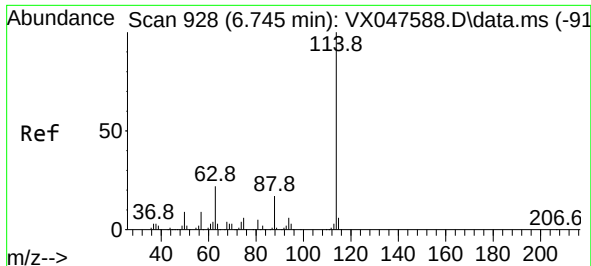
Tgt Ion: 65 Resp: 150142

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0

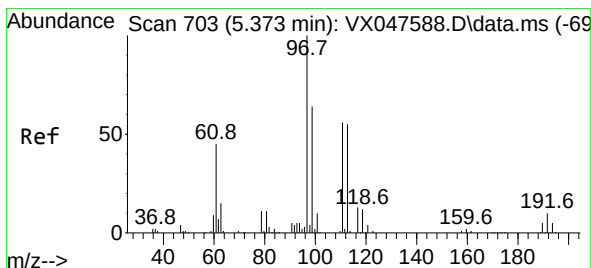
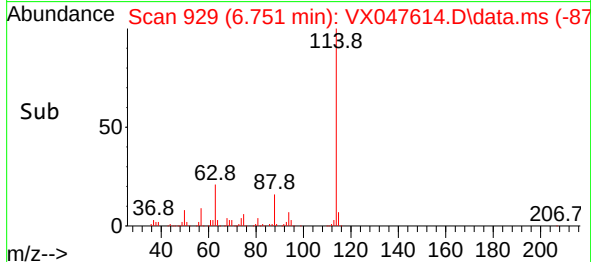
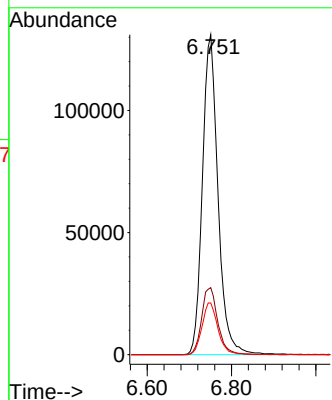
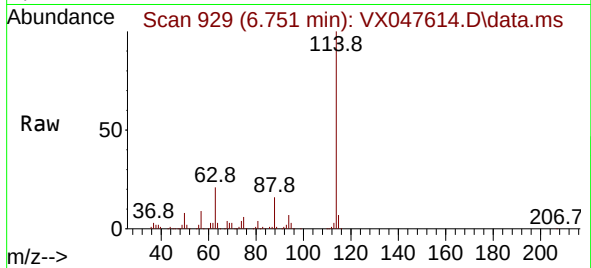




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45

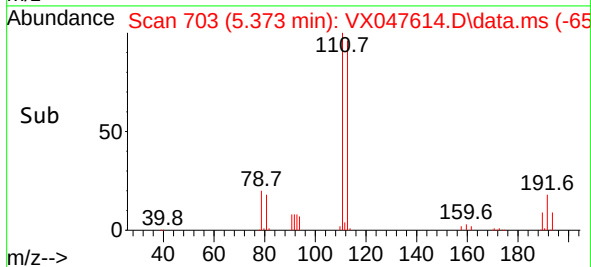
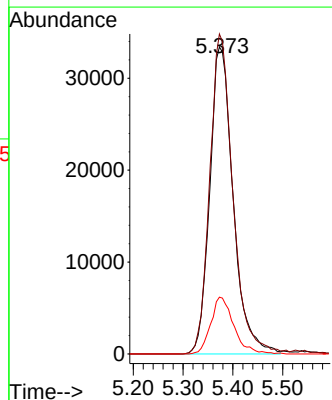
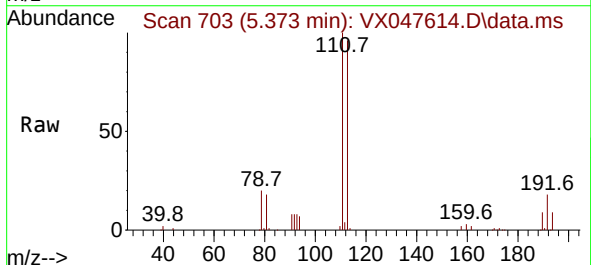
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20250909

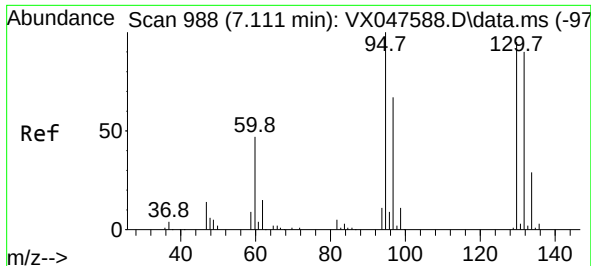
Tgt Ion:114 Resp: 336757
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.302 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45

Tgt Ion:113 Resp: 109089
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.3 14.2 21.4

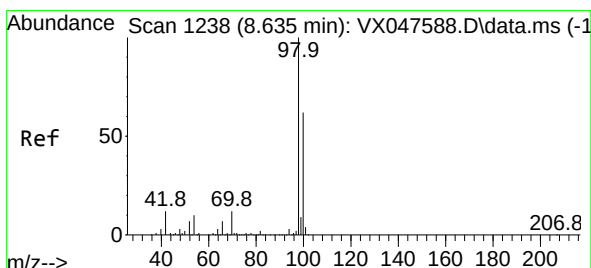
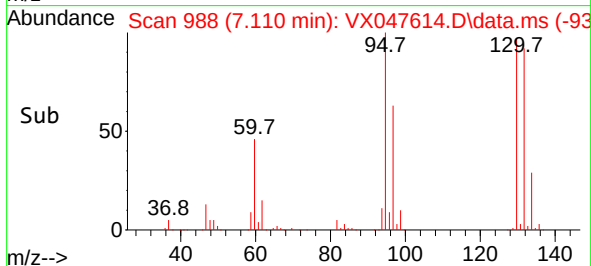
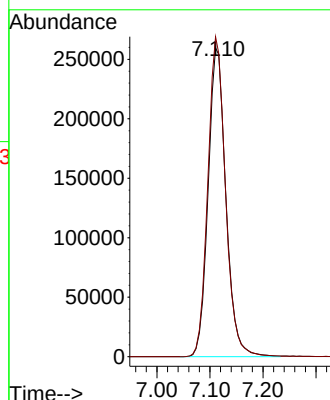
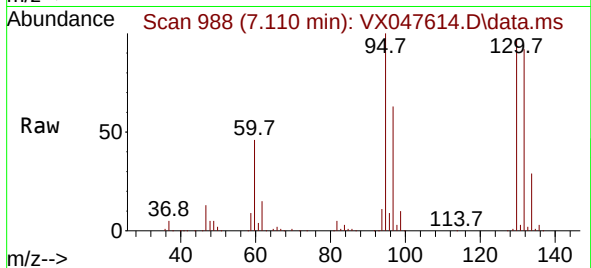




#44
Trichloroethene
Concen: 249.674 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45

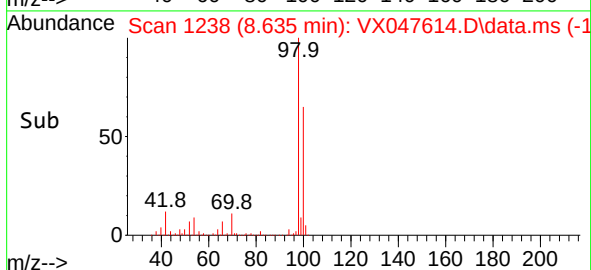
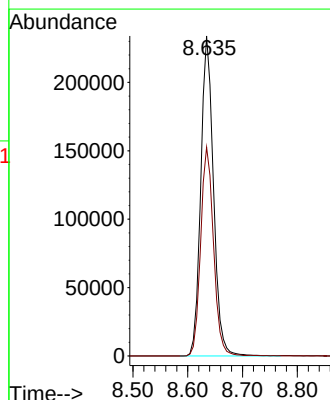
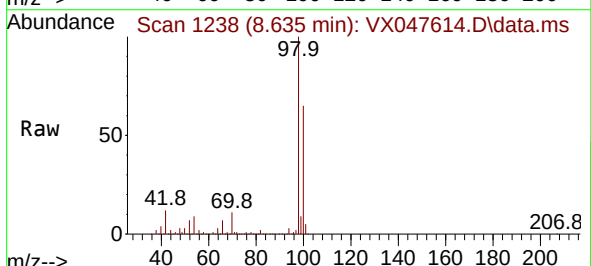
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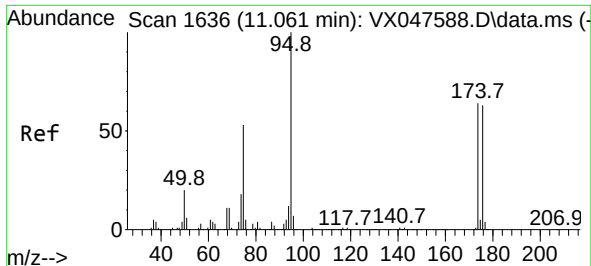
Tgt Ion:130 Resp: 605036
Ion Ratio Lower Upper
130 100
95 103.6 0.0 210.8



#50
Toluene-d8
Concen: 48.246 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45

Tgt Ion: 98 Resp: 377035
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

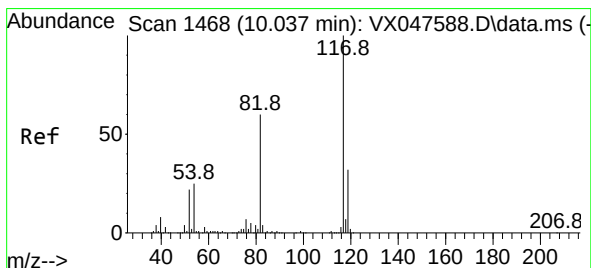
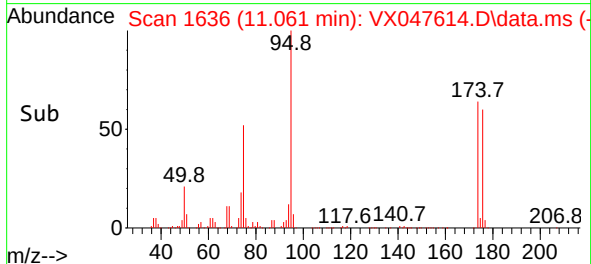
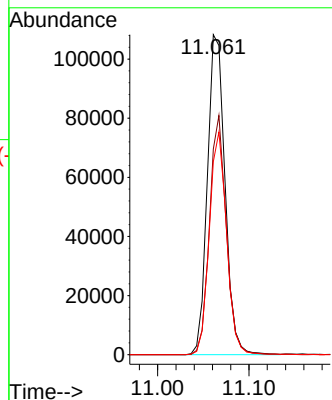
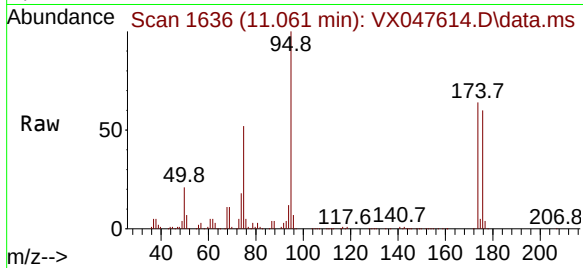




#62
4-Bromofluorobenzene
Concen: 48.835 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45

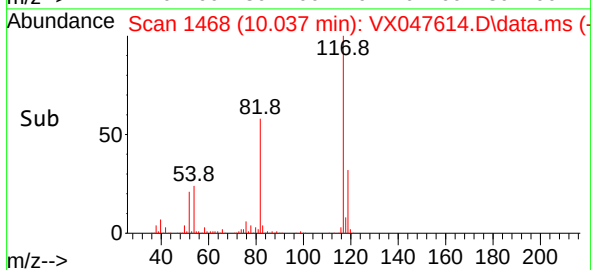
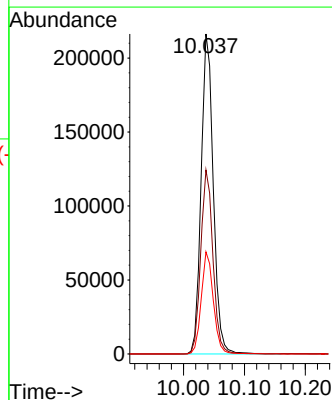
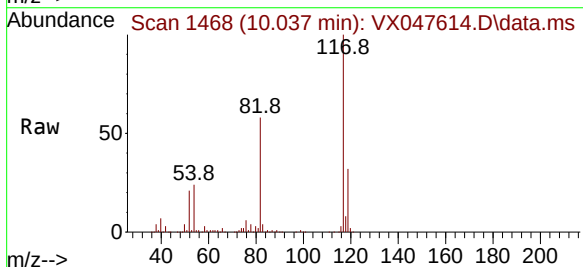
Instrument :
MSVOA_X
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RE122D1-20250909

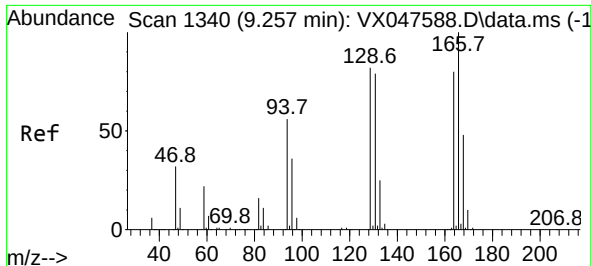
Tgt Ion: 95 Resp: 144836
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 68.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45

Tgt Ion: 117 Resp: 299325
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 31.9 25.2 37.8

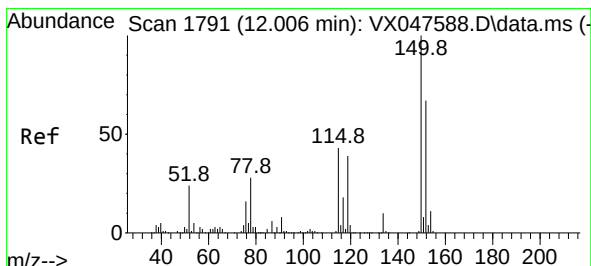
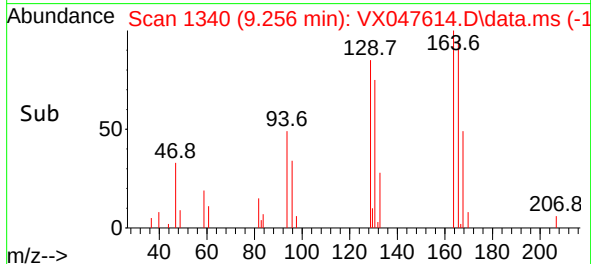
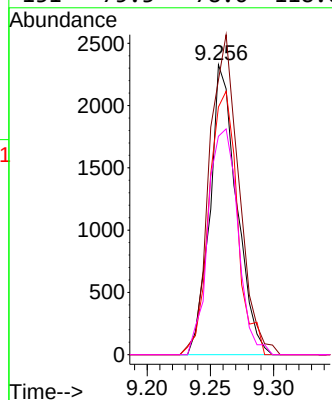
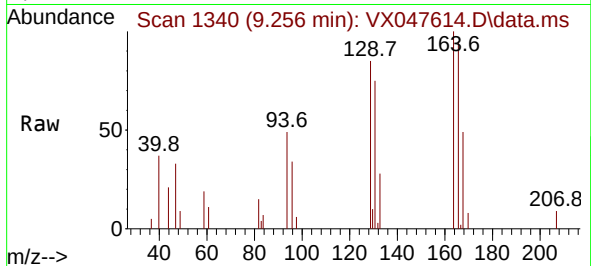




#64
Tetrachloroethene
Concen: 1.764 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047614.D
Acq: 17 Sep 2025 13:45

Instrument :
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RE122D1-20250909

Tgt	Ion:164	Resp:	3442
Ion	Ratio	Lower	Upper
164	100		
166	94.7	100.2	150.2#
129	85.4	81.8	122.6
131	75.3	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: VX047614.D
Acq: 17 Sep 2025 13:45

Tgt Ion:152	Resp:	143619	
Ion	Ratio	Lower	Upper
152	100		
115	63.6	44.9	134.5
150	158.4	0.0	352.0

