

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091925\
 Data File : VX047684.D
 Acq On : 19 Sep 2025 18:01
 Operator : JC/MD
 Sample : Q3097-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20250911

Quant Time: Sep 20 00:36:34 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)

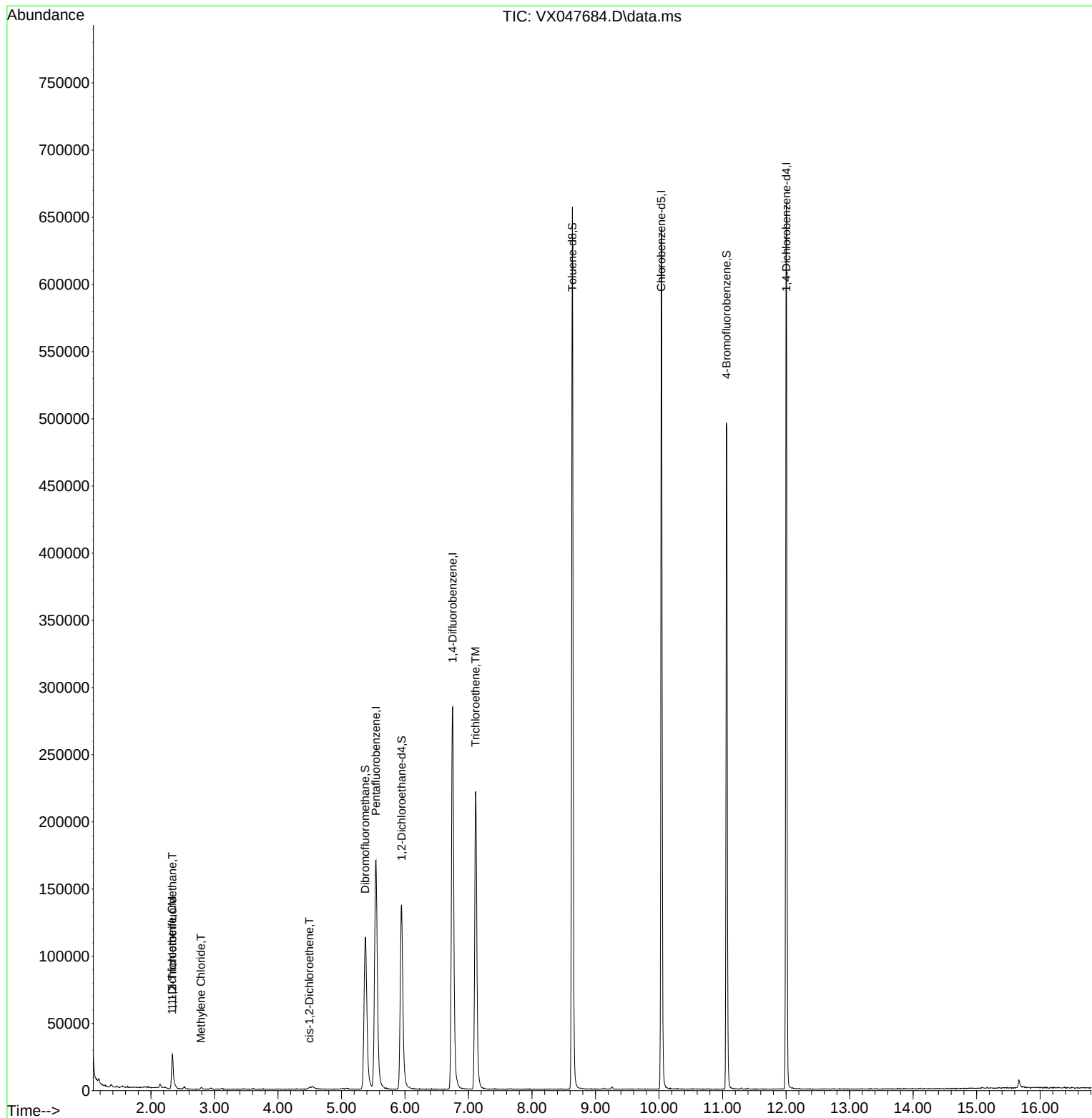
Internal Standards						
1) Pentafluorobenzene	5.544	168	172337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	315489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	287627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	147719	53.850	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.700%		
35) Dibromofluoromethane	5.373	113	111279	52.593	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.180%		
50) Toluene-d8	8.634	98	386055	52.731	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.460%		
62) 4-Bromofluorobenzene	11.061	95	146653	52.781	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.560%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	10091	5.062	ug/l	97
12) 1,1-Dichloroethene	2.331	96	1059	0.517	ug/l	85
20) Methylene Chloride	2.788	84	657	0.260	ug/l #	72
27) cis-1,2-Dichloroethene	4.495	96	870	0.322	ug/l	91
44) Trichloroethene	7.110	130	94127	41.461	ug/l	98

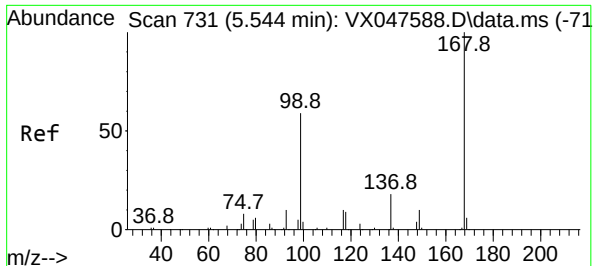
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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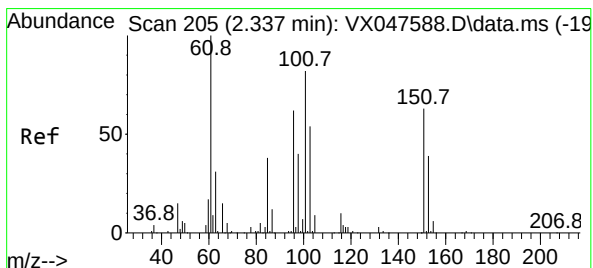
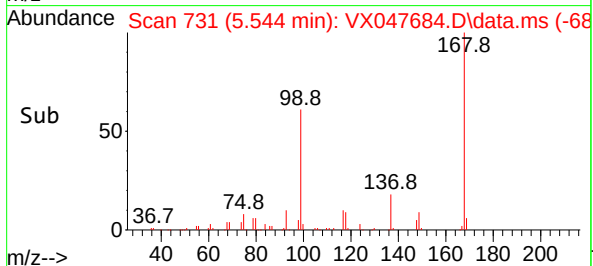
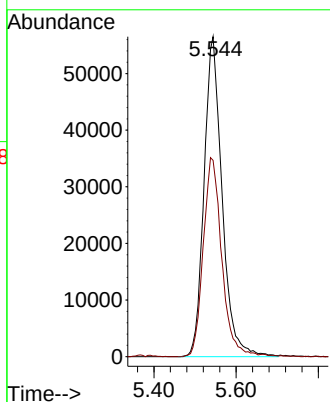
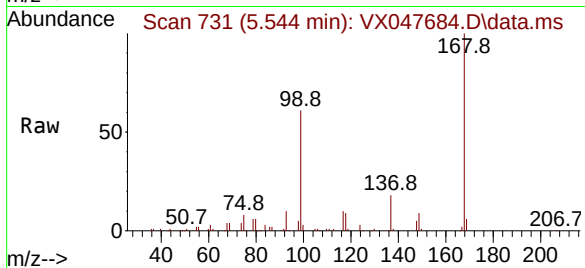




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047684.D
Acq: 19 Sep 2025 18:01

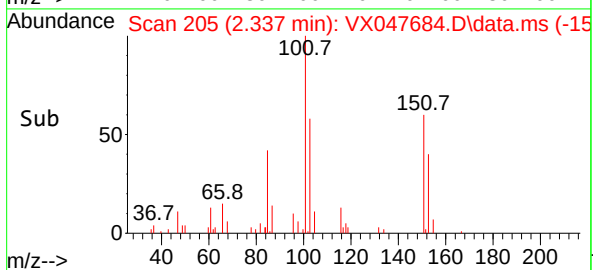
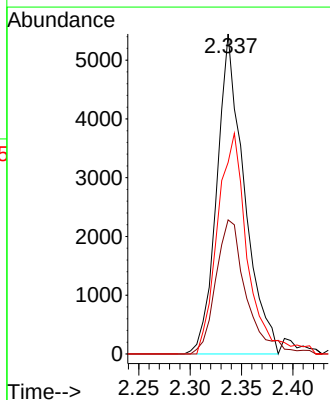
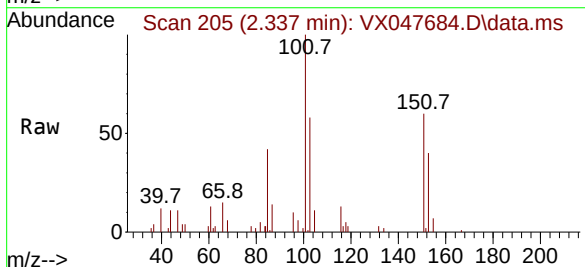
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20250911

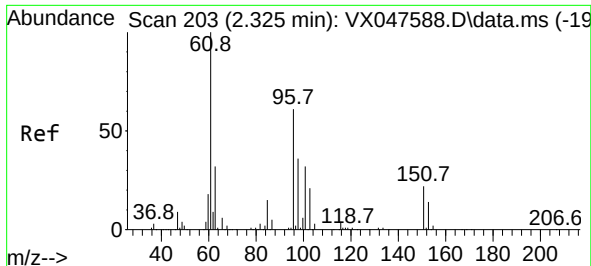
Tgt Ion:168 Resp: 172337
Ion Ratio Lower Upper
168 100
99 61.4 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.062 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047684.D
Acq: 19 Sep 2025 18:01

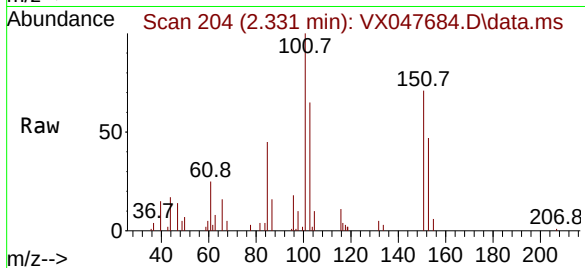
Tgt Ion:101 Resp: 10091
Ion Ratio Lower Upper
101 100
85 46.6 35.5 53.3
151 75.9 59.4 89.0





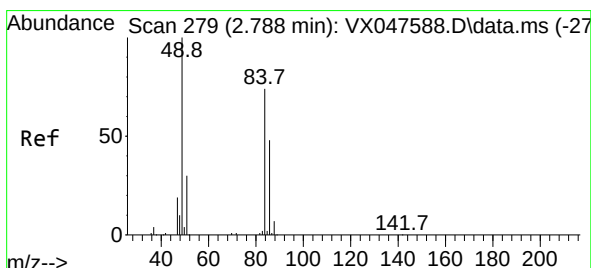
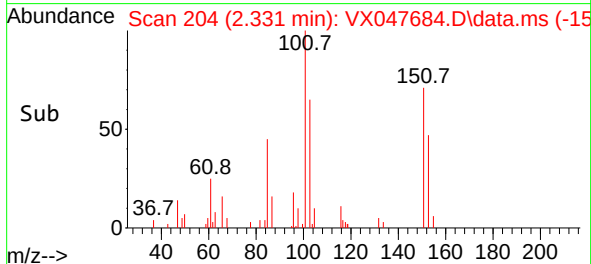
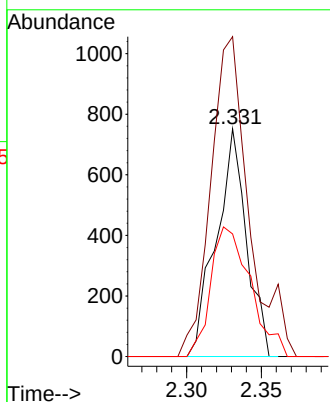
#12
 1,1-Dichloroethene
 Concen: 0.517 ug/l
 RT: 2.331 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX047684.D
 Acq: 19 Sep 2025 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20250911



Tgt Ion: 96 Resp: 1059

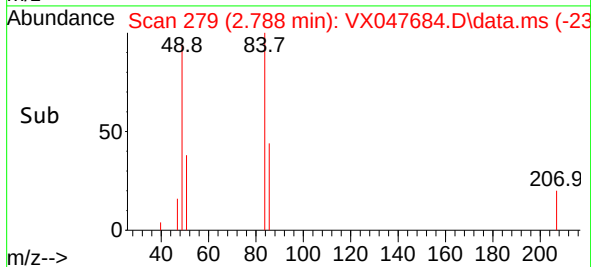
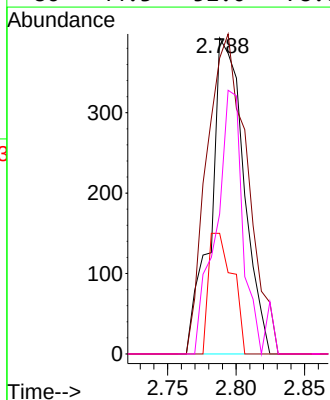
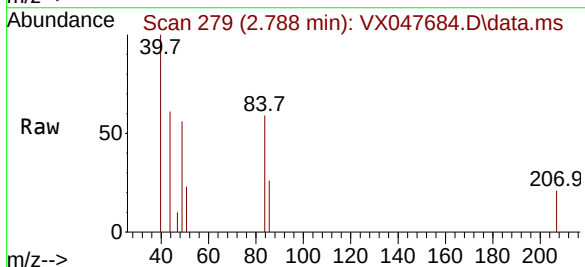
Ion	Ratio	Lower	Upper
96	100		
61	140.4	131.0	196.6
98	53.9	47.7	71.5

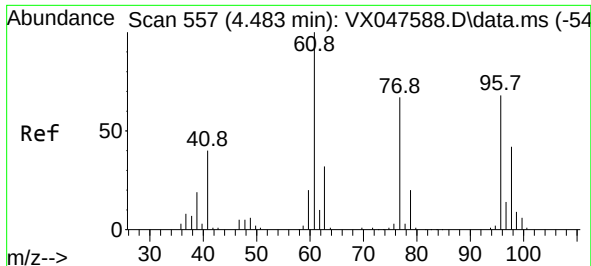


#20
 Methylene Chloride
 Concen: 0.260 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VX047684.D
 Acq: 19 Sep 2025 18:01

Tgt Ion: 84 Resp: 657

Ion	Ratio	Lower	Upper
84	100		
49	93.6	108.6	162.8#
51	38.2	32.6	48.8
86	44.3	52.0	78.0#





#27

cis-1,2-Dichloroethene

Concen: 0.322 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX047684.D

Acq: 19 Sep 2025 18:01

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20250911

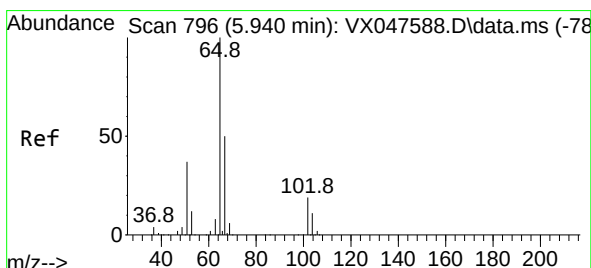
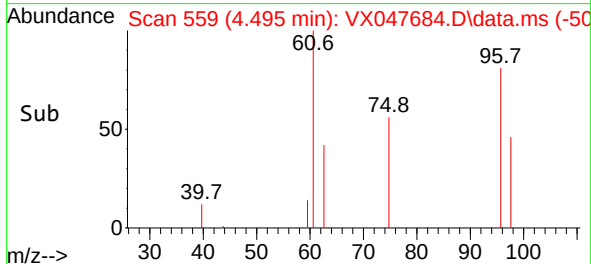
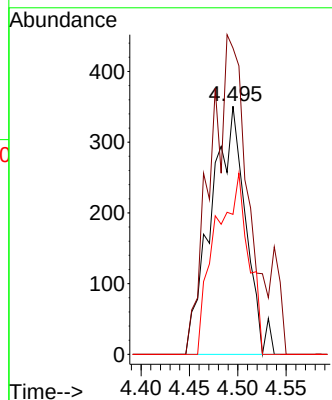
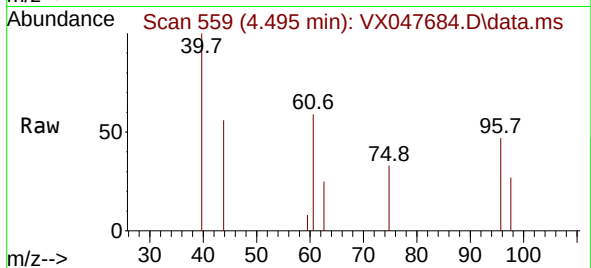
Tgt Ion: 96 Resp: 870

Ion Ratio Lower Upper

96 100

61 139.0 0.0 303.2

98 70.0 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 53.850 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.006 min

Lab File: VX047684.D

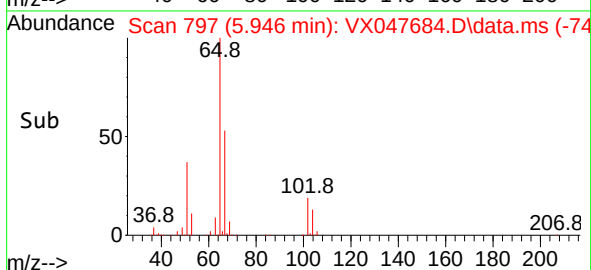
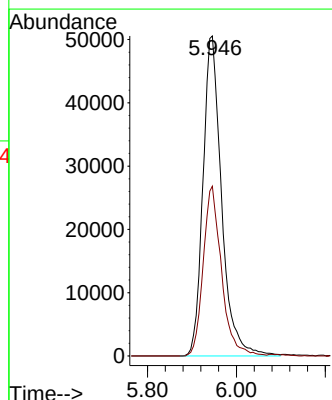
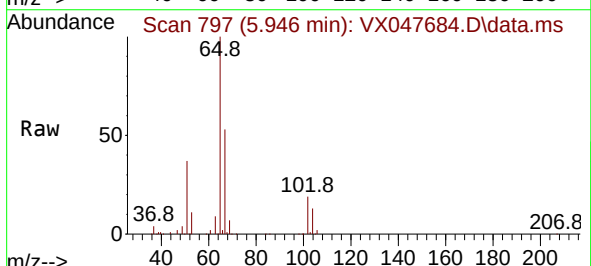
Acq: 19 Sep 2025 18:01

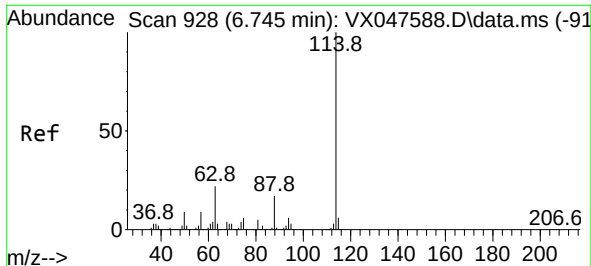
Tgt Ion: 65 Resp: 147719

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.0

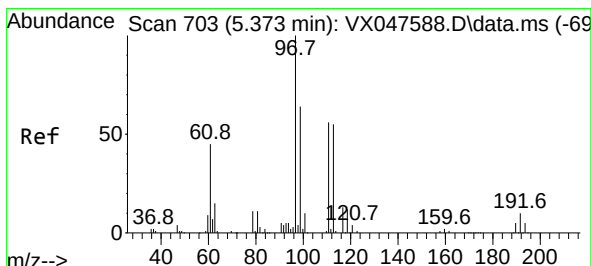
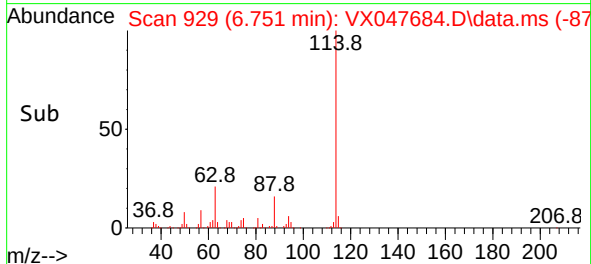
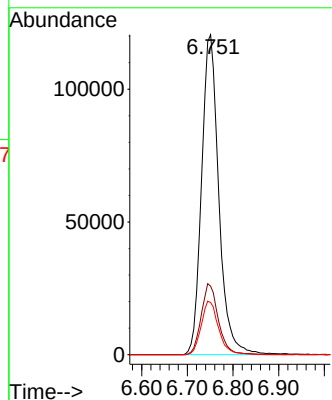
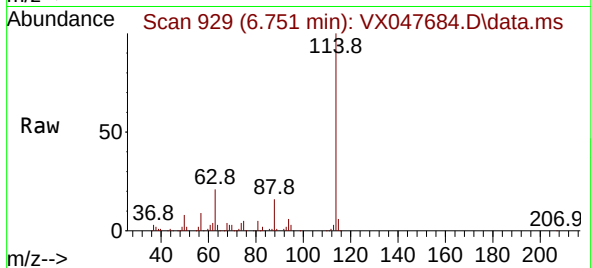




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047684.D
Acq: 19 Sep 2025 18:01

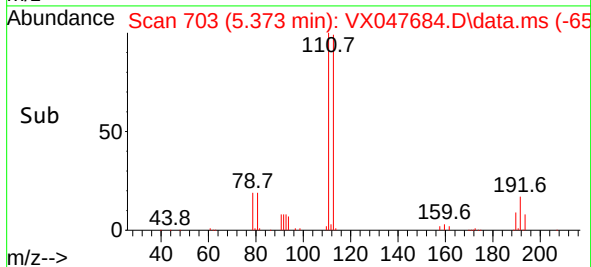
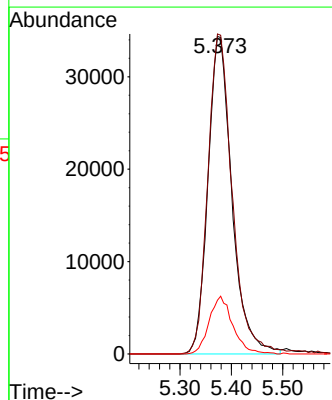
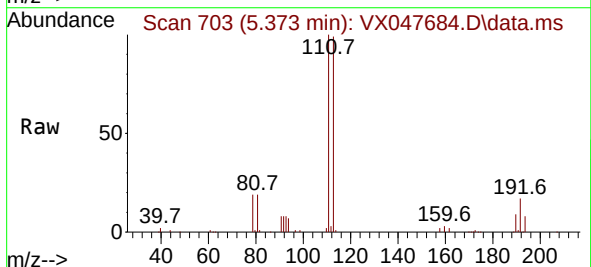
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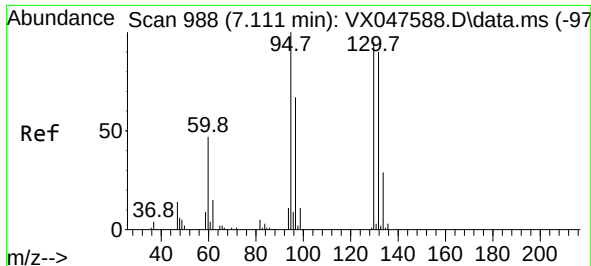
Tgt Ion:114 Resp: 315489
Ion Ratio Lower Upper
114 100
63 21.4 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.593 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047684.D
Acq: 19 Sep 2025 18:01

Tgt Ion:113 Resp: 111279
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 18.0 14.2 21.4

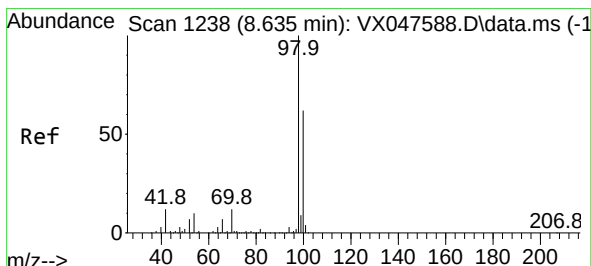
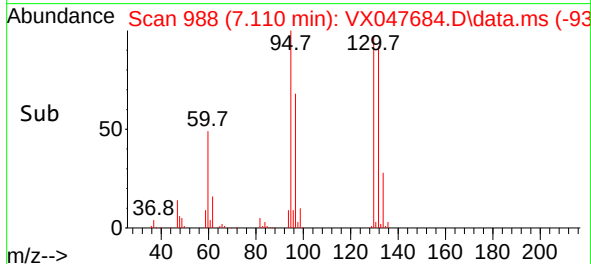
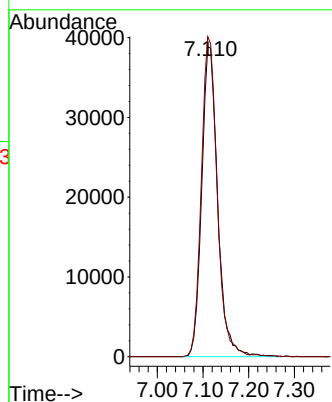
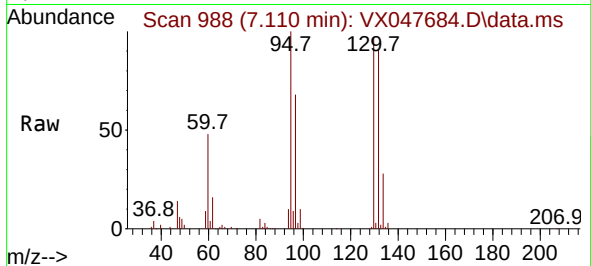




#44
Trichloroethene
Concen: 41.461 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047684.D
Acq: 19 Sep 2025 18:01

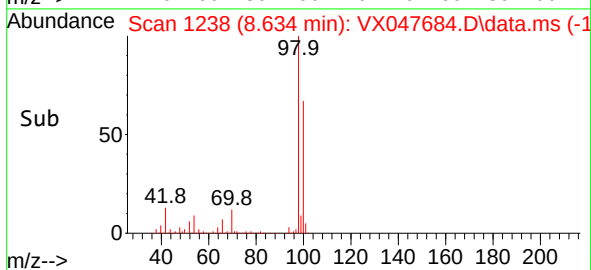
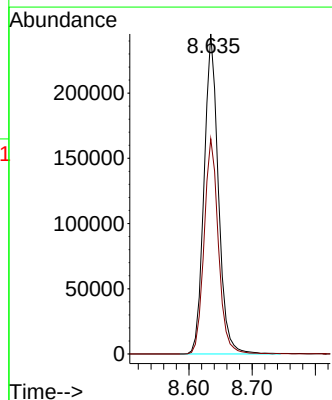
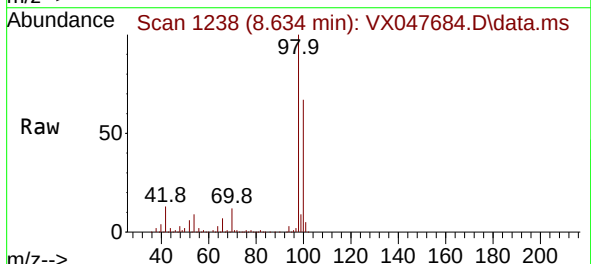
Instrument :
MSVOA_X
ClientSampleId :
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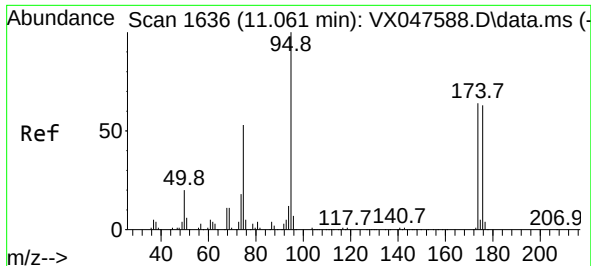
Tgt Ion:130 Resp: 94127
Ion Ratio Lower Upper
130 100
95 103.3 0.0 210.8



#50
Toluene-d8
Concen: 52.731 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047684.D
Acq: 19 Sep 2025 18:01

Tgt Ion: 98 Resp: 386055
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4





#62

4-Bromofluorobenzene

Concen: 52.781 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047684.D

Acq: 19 Sep 2025 18:01

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20250911

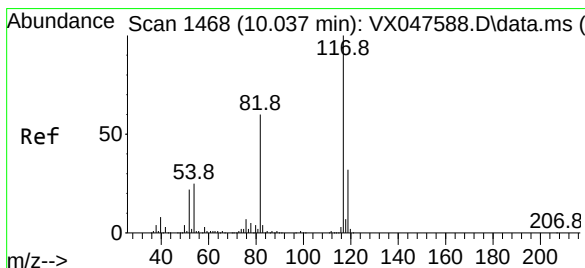
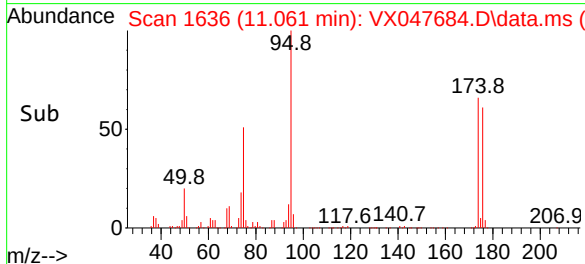
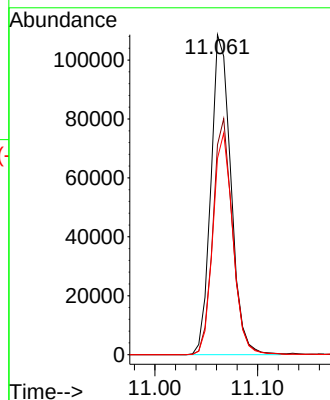
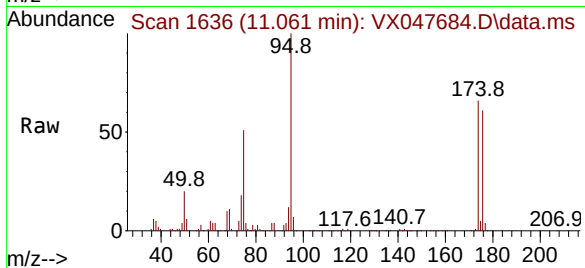
Tgt Ion: 95 Resp: 146653

Ion Ratio Lower Upper

95 100

174 72.4 0.0 141.6

176 69.4 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: VX047684.D

Acq: 19 Sep 2025 18:01

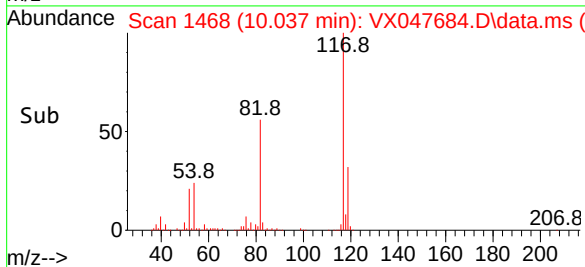
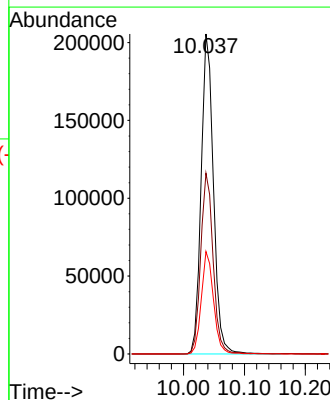
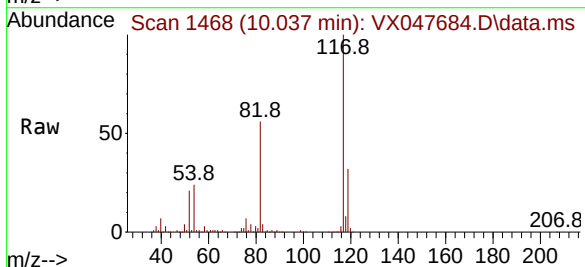
Tgt Ion: 117 Resp: 287627

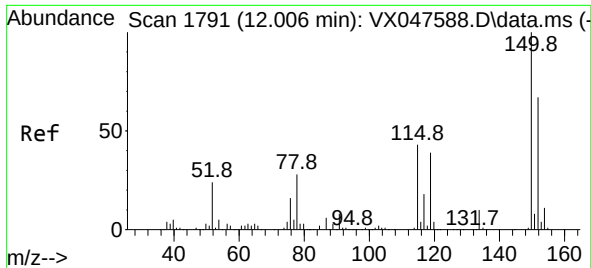
Ion Ratio Lower Upper

117 100

82 56.5 47.8 71.6

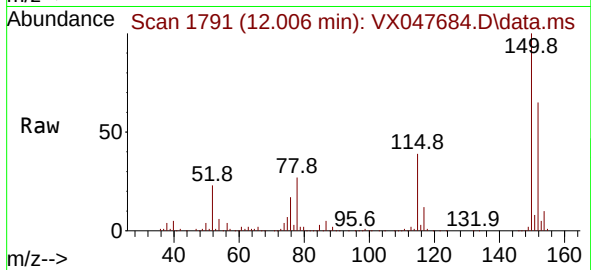
119 32.0 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047684.D
 Acq: 19 Sep 2025 18:01

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20250911



Tgt Ion:152 Resp: 140501
 Ion Ratio Lower Upper
 152 100
 115 61.1 44.9 134.5
 150 155.3 0.0 352.0

