

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047752.D
 Acq On : 24 Sep 2025 05:34
 Operator : JC/MD
 Sample : Q3127-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20250915

Quant Time: Sep 24 07:09:49 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)

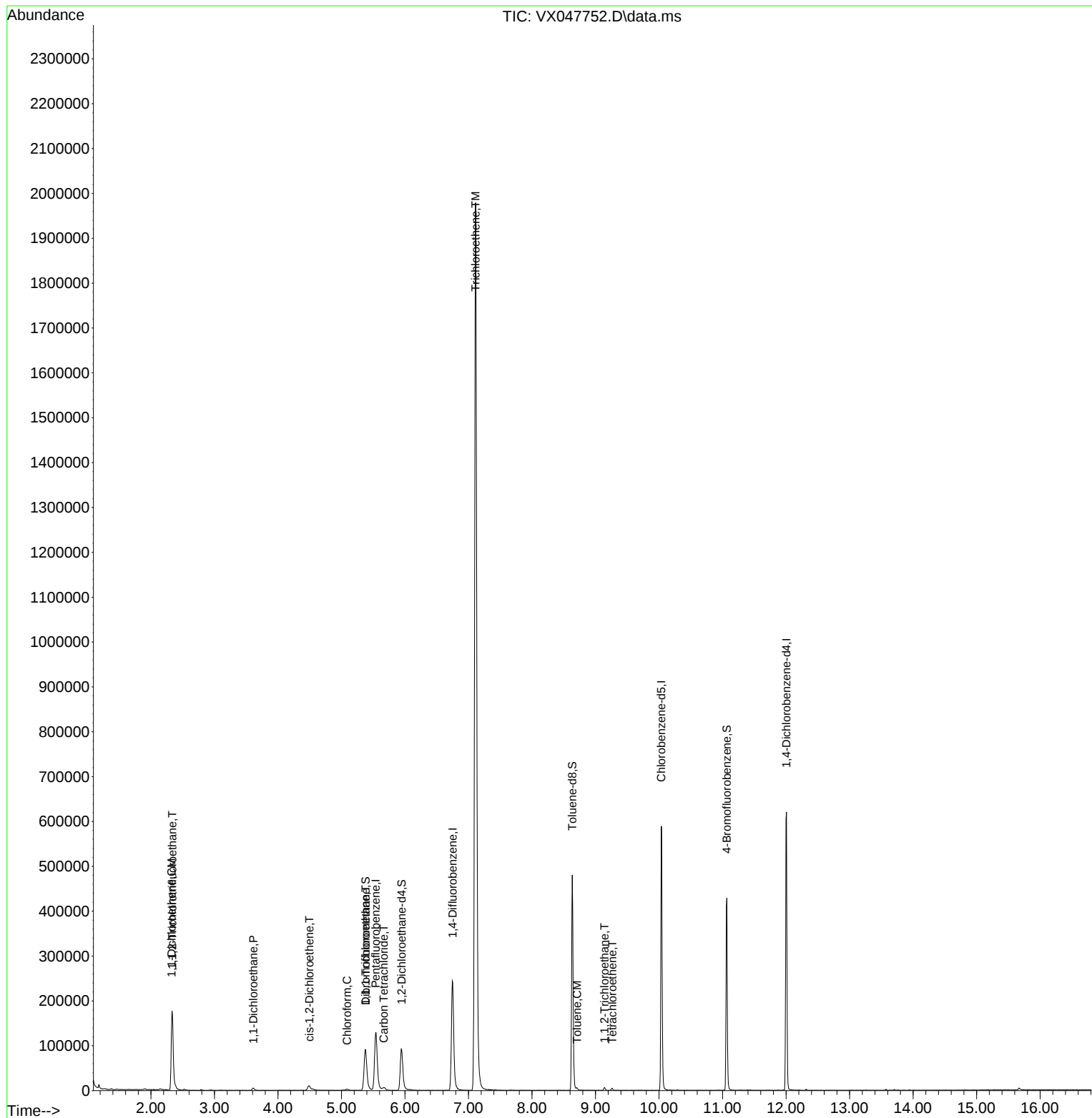
Internal Standards						
1) Pentafluorobenzene	5.537	168	129507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	269594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	265477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	100283	48.647	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.300%
35) Dibromofluoromethane	5.379	113	84854	46.931	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.860%
50) Toluene-d8	8.634	98	290487	46.432	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.860%
62) 4-Bromofluorobenzene	11.067	95	122901	51.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.520%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	57992	38.715	ug/l	99
12) 1,1-Dichloroethene	2.325	96	28319	18.405	ug/l	93
24) 1,1-Dichloroethane	3.611	63	6235	1.906	ug/l #	94
27) cis-1,2-Dichloroethene	4.495	96	6605	3.256	ug/l	96
30) Chloroform	5.086	83	2975	0.900	ug/l #	82
32) 1,1,1-Trichloroethane	5.379	97	4976	1.775	ug/l	97
38) Carbon Tetrachloride	5.666	117	5532	1.927	ug/l	92
44) Trichloroethene	7.110	130	827201	426.393	ug/l	96
52) Toluene	8.708	92	1394	0.282	ug/l	91
55) 1,1,2-Trichloroethane	9.141	97	1824	0.957	ug/l	92
64) Tetrachloroethene	9.262	164	849	0.491	ug/l	93

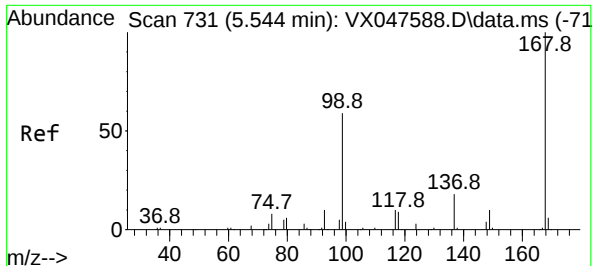
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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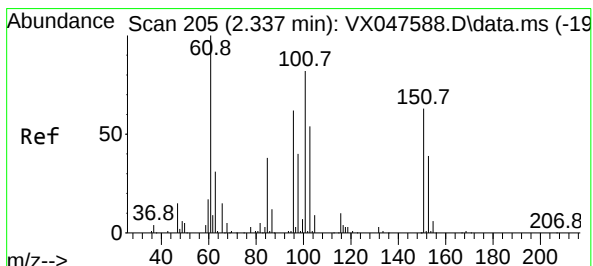
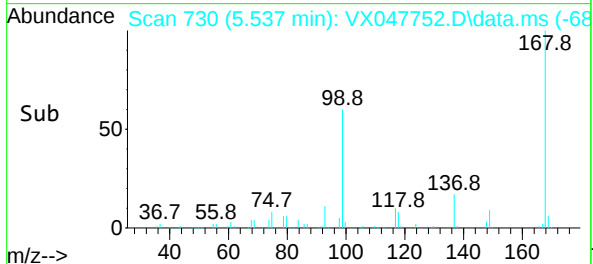
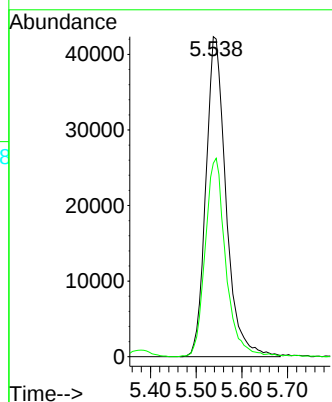
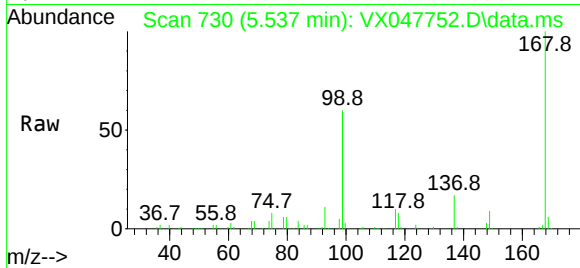




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

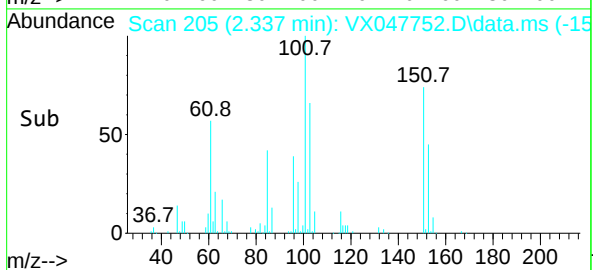
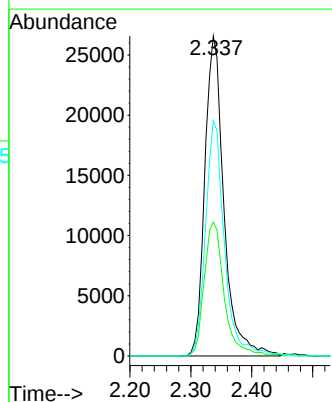
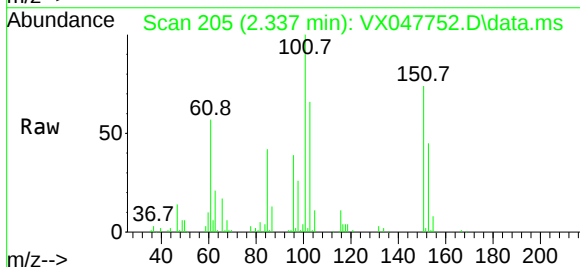
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250915

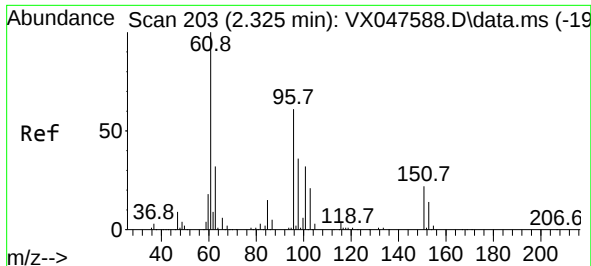
Tgt Ion:168 Resp: 129507
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.715 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

Tgt Ion:101 Resp: 57992
Ion Ratio Lower Upper
101 100
85 43.6 35.5 53.3
151 72.9 59.4 89.0

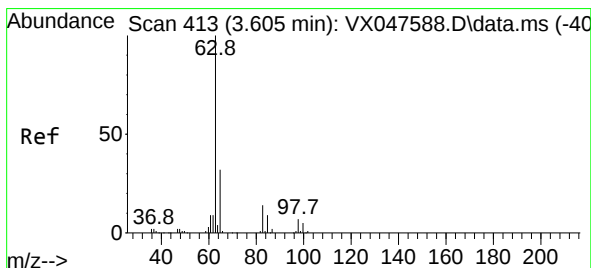
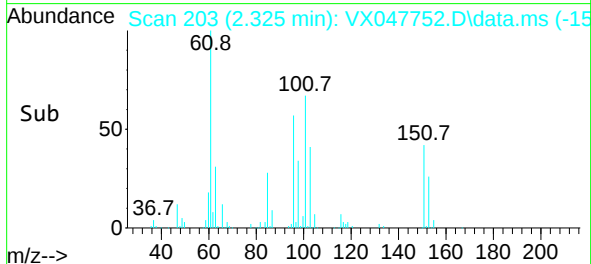
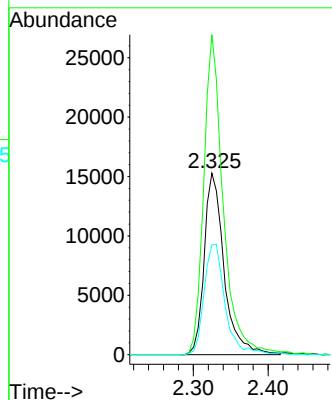
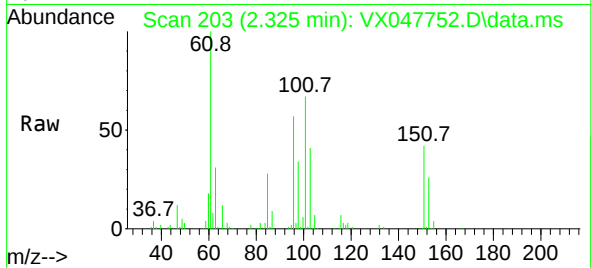




#12
1,1-Dichloroethene
Concen: 18.405 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

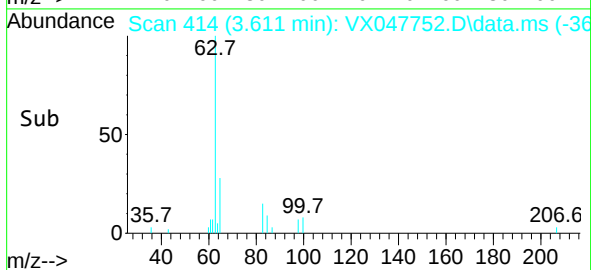
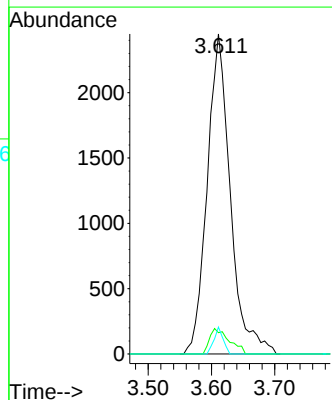
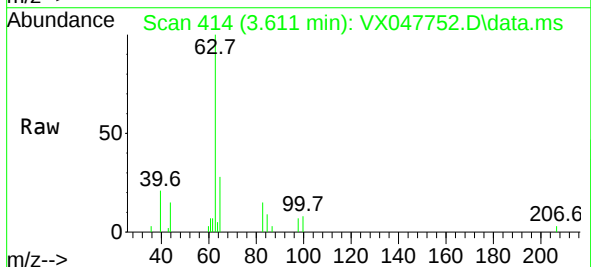
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250915

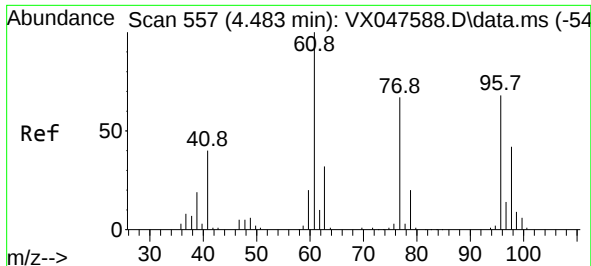
Tgt Ion: 96 Resp: 28319
Ion Ratio Lower Upper
96 100
61 176.3 131.0 196.6
98 60.4 47.7 71.5



#24
1,1-Dichloroethane
Concen: 1.906 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

Tgt Ion: 63 Resp: 6235
Ion Ratio Lower Upper
63 100
98 6.7 3.8 11.2
100 8.4 2.3 6.9#





#27

cis-1,2-Dichloroethene

Concen: 3.256 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX047752.D

Acq: 24 Sep 2025 05:34

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20250915

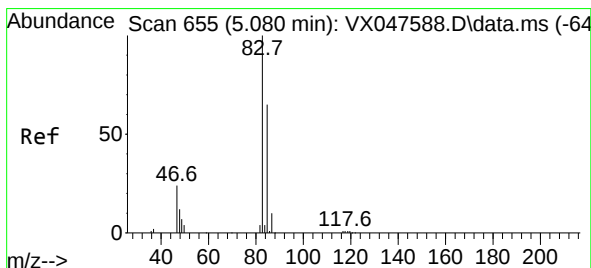
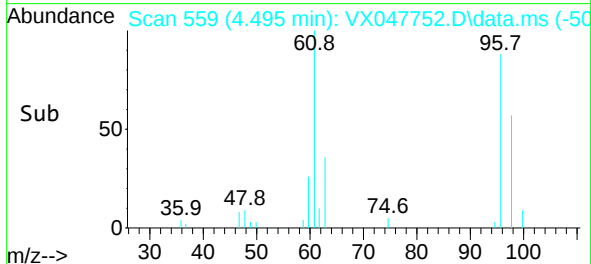
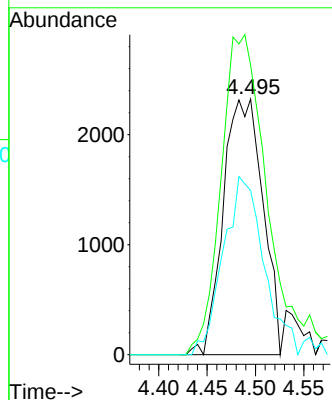
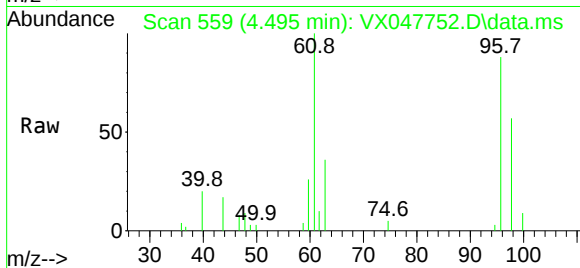
Tgt Ion: 96 Resp: 6605

Ion Ratio Lower Upper

96 100

61 149.2 0.0 303.2

98 71.2 0.0 127.8



#30

Chloroform

Concen: 0.900 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047752.D

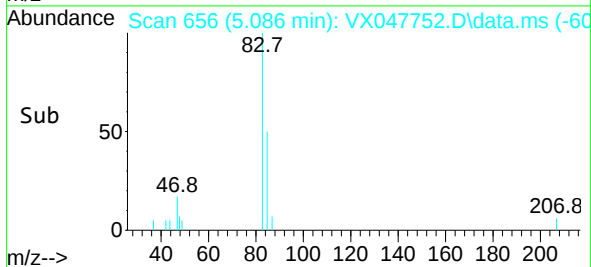
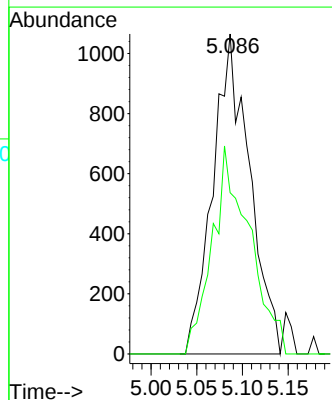
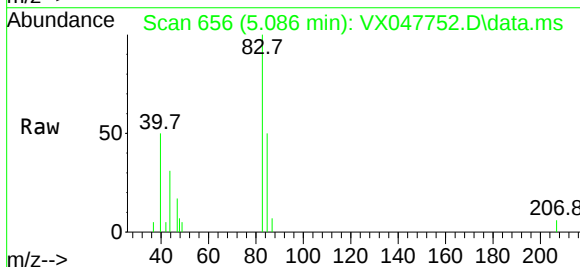
Acq: 24 Sep 2025 05:34

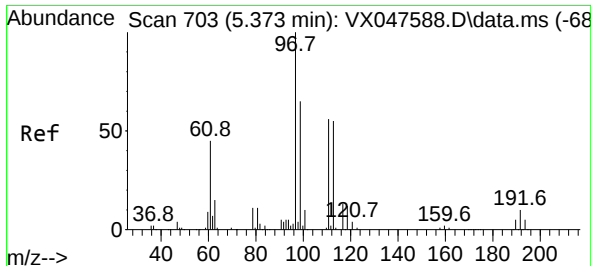
Tgt Ion: 83 Resp: 2975

Ion Ratio Lower Upper

83 100

85 50.4 51.8 77.6#

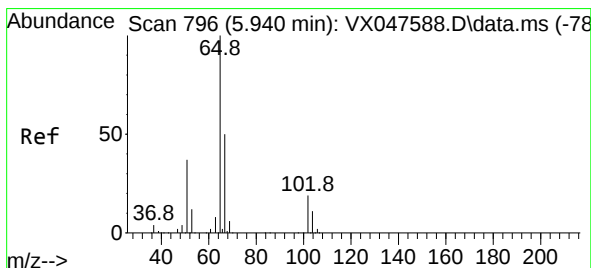
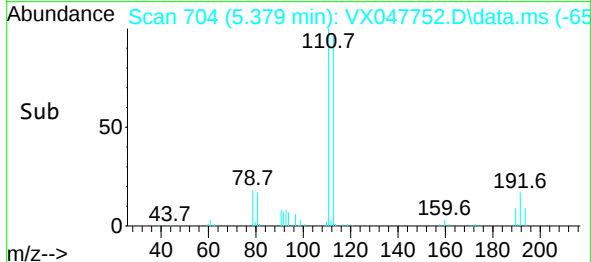
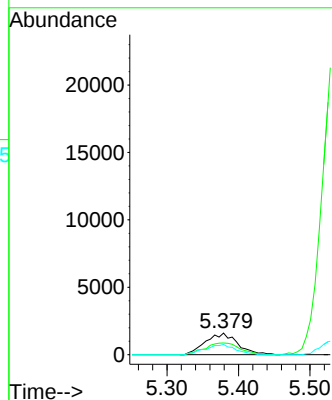
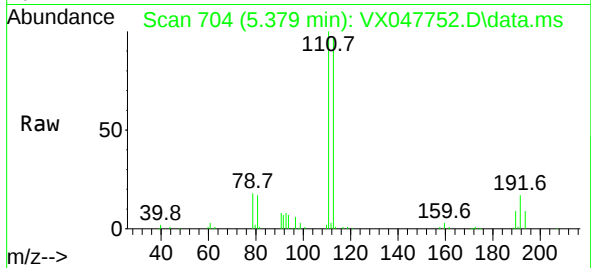




#32
 1,1,1-Trichloroethane
 Concen: 1.775 ug/l
 RT: 5.379 min Scan# 703
 Delta R.T. 0.006 min
 Lab File: VX047752.D
 Acq: 24 Sep 2025 05:34

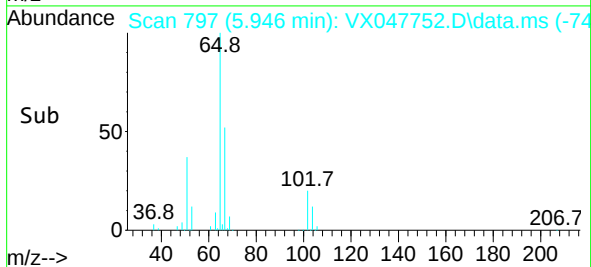
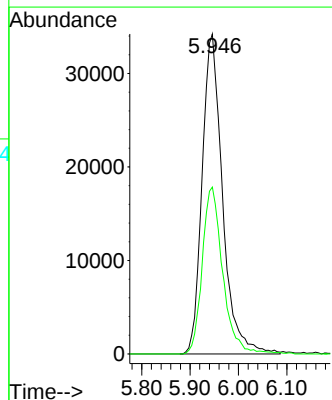
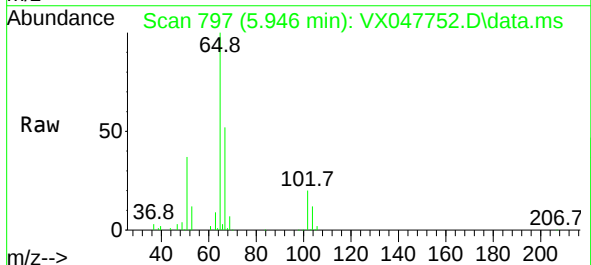
Instrument :
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 TT180D2-20250915

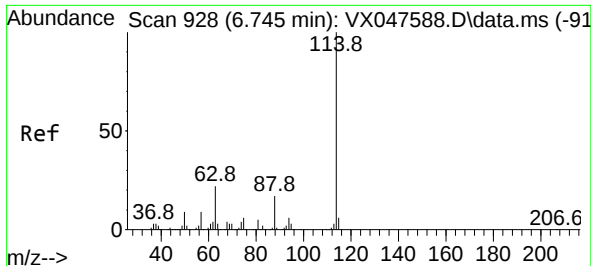
Tgt Ion: 97 Resp: 4976
 Ion Ratio Lower Upper
 97 100
 99 59.2 50.6 76.0
 61 44.2 35.8 53.8



#33
 1,2-Dichloroethane-d4
 Concen: 48.647 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.006 min
 Lab File: VX047752.D
 Acq: 24 Sep 2025 05:34

Tgt Ion: 65 Resp: 100283
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 103.0

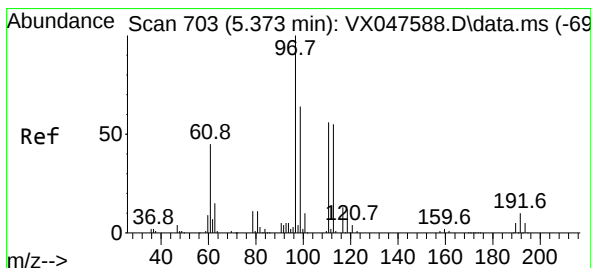
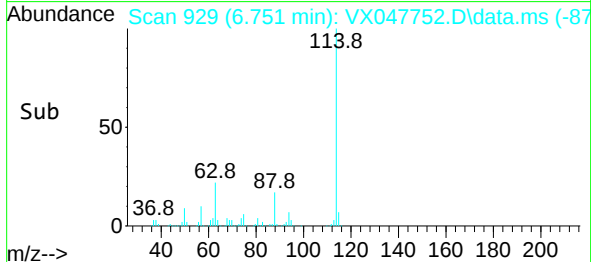
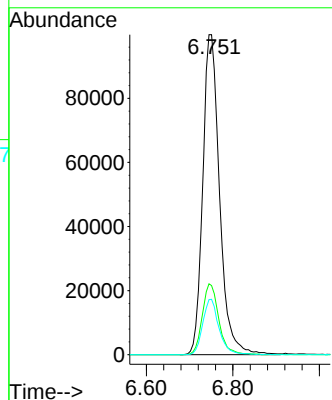
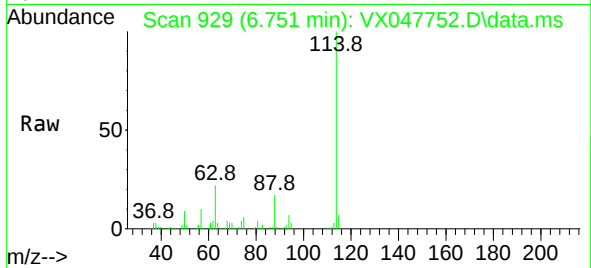




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

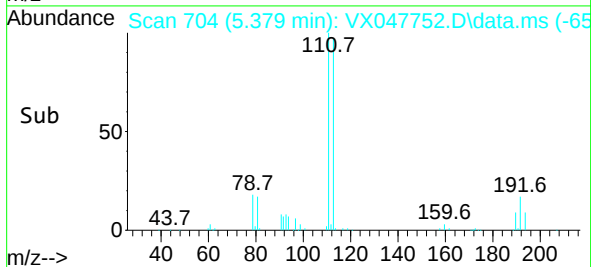
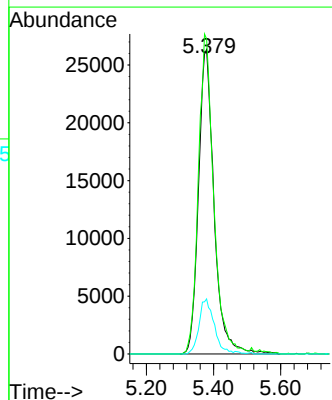
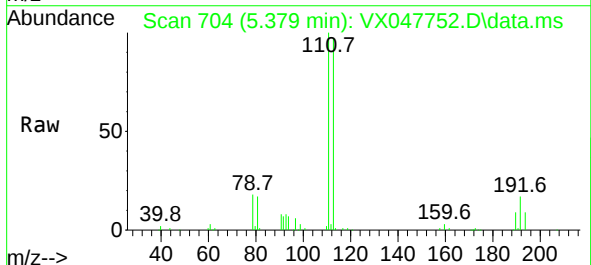
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:114 Resp: 269594
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 17.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 46.931 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

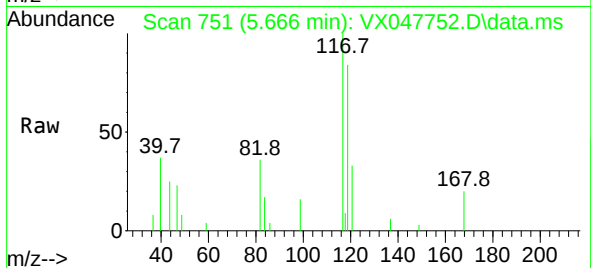
Tgt Ion:113 Resp: 84854
Ion Ratio Lower Upper
113 100
111 103.2 80.9 121.3
192 17.5 14.2 21.4



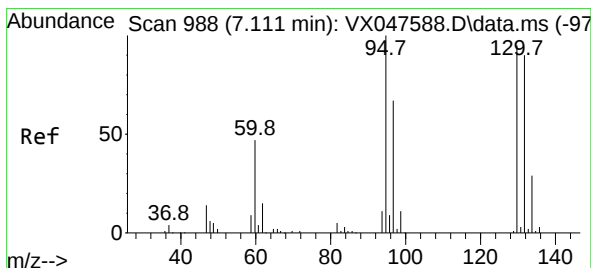
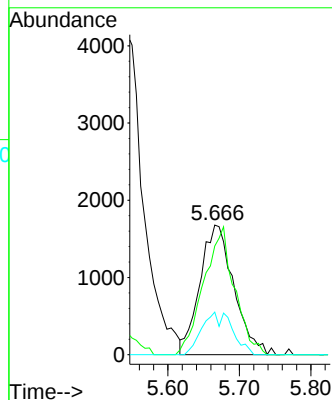
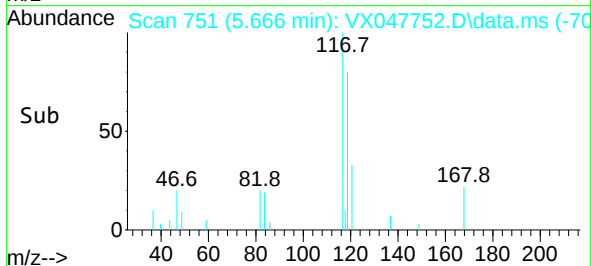


#38
Carbon Tetrachloride
Concen: 1.927 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

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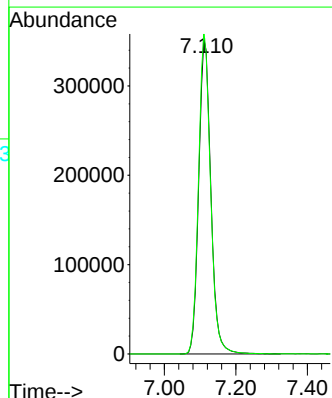
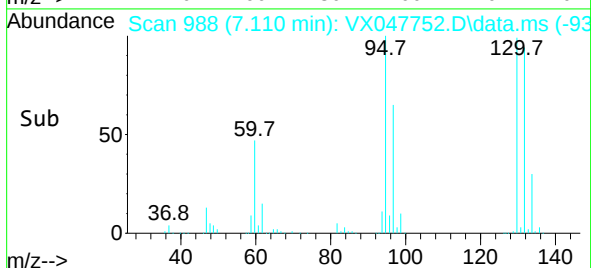
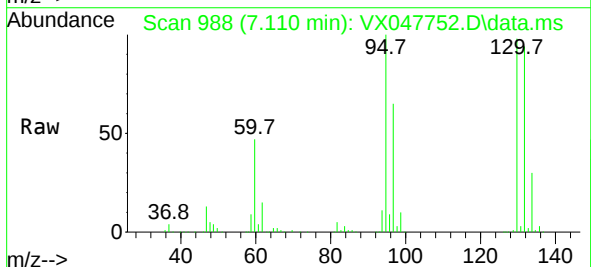


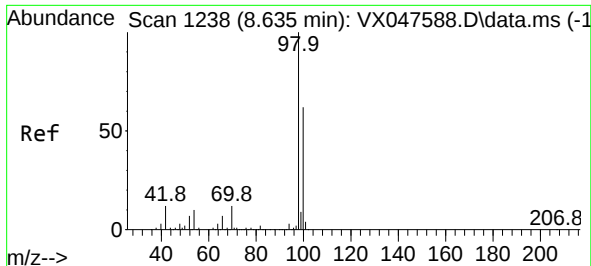
Tgt Ion:117 Resp: 5532
Ion Ratio Lower Upper
117 100
119 83.8 73.4 110.2
121 32.9 23.8 35.6



#44
Trichloroethene
Concen: 426.393 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

Tgt Ion:130 Resp: 827201
Ion Ratio Lower Upper
130 100
95 101.6 0.0 210.8

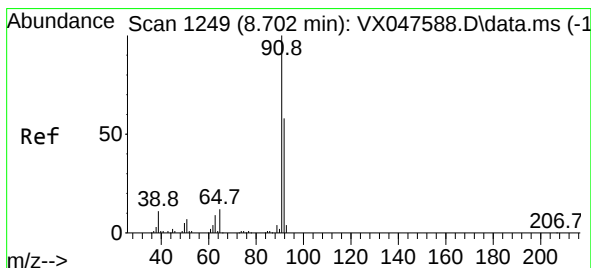
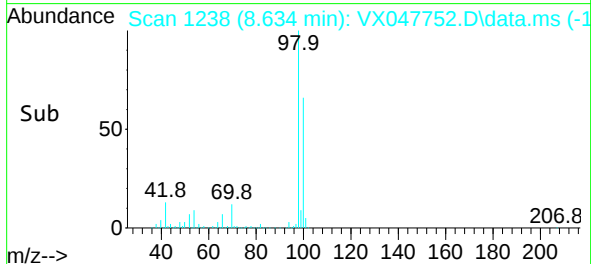
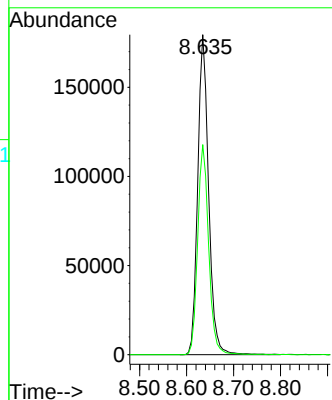
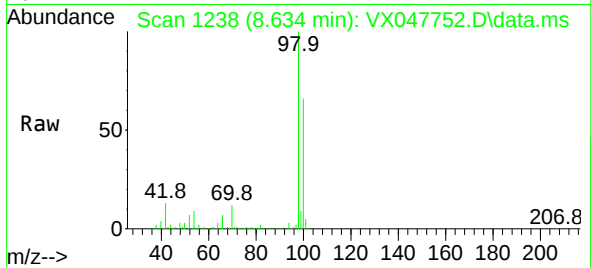




#50
Toluene-d8
Concen: 46.432 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

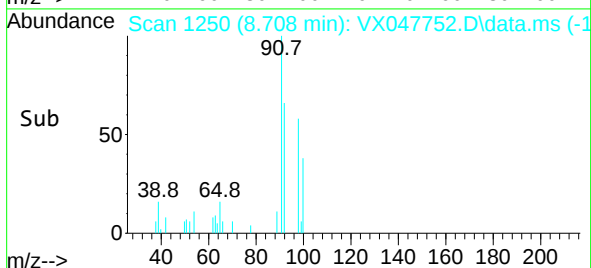
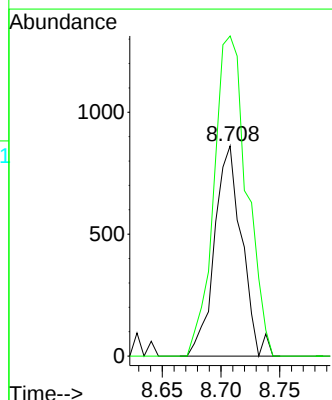
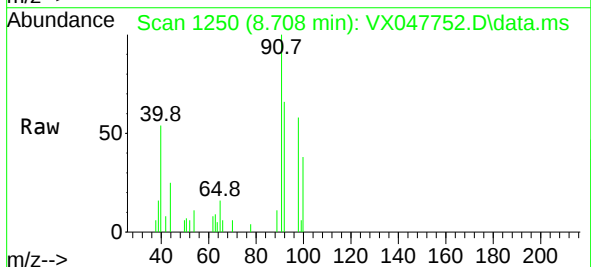
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250915

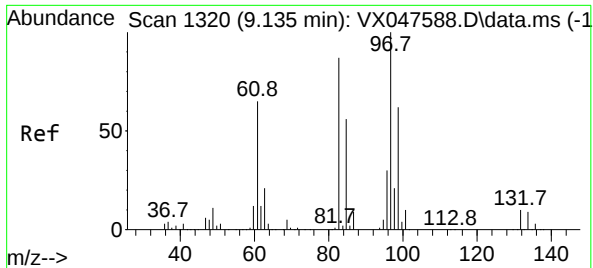
Tgt Ion: 98 Resp: 290487
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#52
Toluene
Concen: 0.282 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. 0.006 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

Tgt Ion: 92 Resp: 1394
Ion Ratio Lower Upper
92 100
91 184.0 137.1 205.7

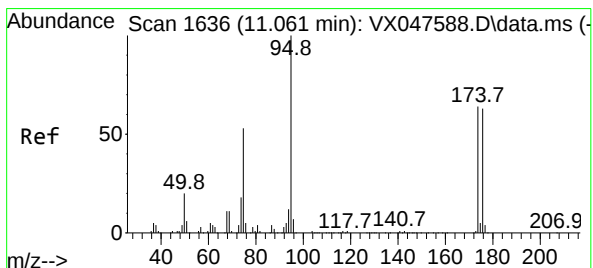
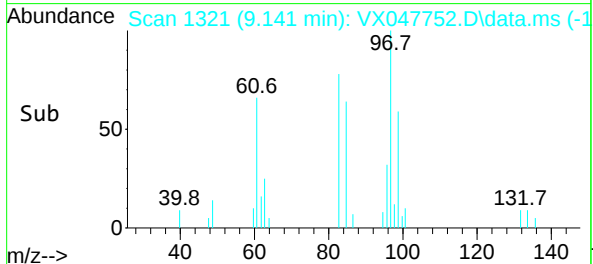
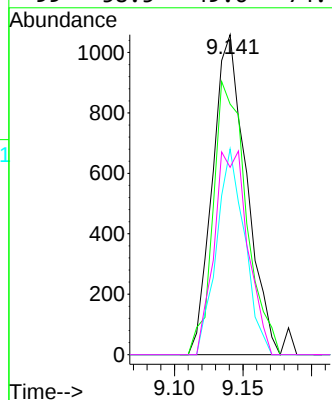
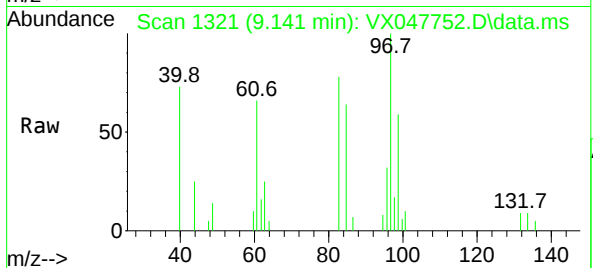




#55
 1,1,2-Trichloroethane
 Concen: 0.957 ug/l
 RT: 9.141 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX047752.D
 Acq: 24 Sep 2025 05:34

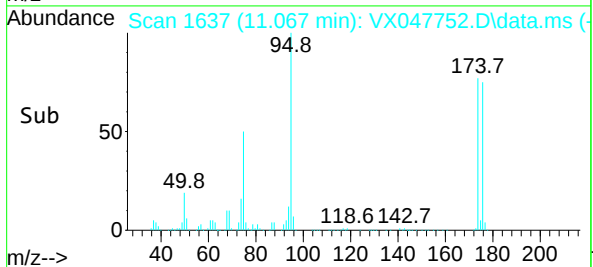
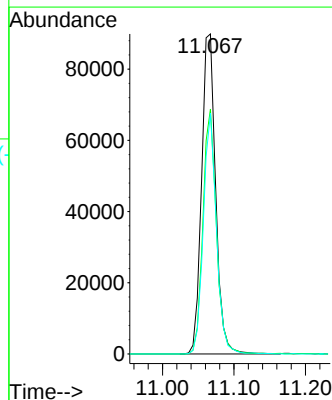
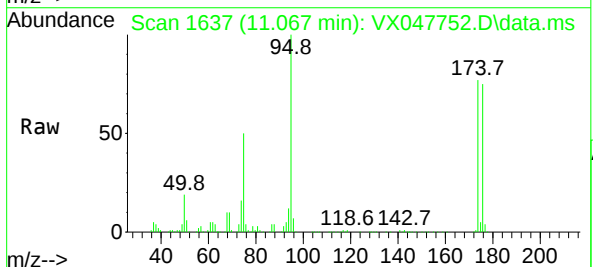
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20250915

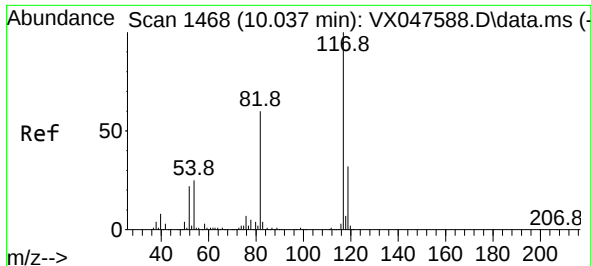
Tgt Ion: 97	Resp: 1824
Ion Ratio	Lower Upper
97 100	
83 78.3	69.6 104.4
85 64.3	45.0 67.6
99 58.5	49.6 74.4



#62
 4-Bromofluorobenzene
 Concen: 51.762 ug/l
 RT: 11.067 min Scan# 1637
 Delta R.T. 0.006 min
 Lab File: VX047752.D
 Acq: 24 Sep 2025 05:34

Tgt Ion: 95	Resp: 122901
Ion Ratio	Lower Upper
95 100	
174 73.2	0.0 141.6
176 70.1	0.0 138.4

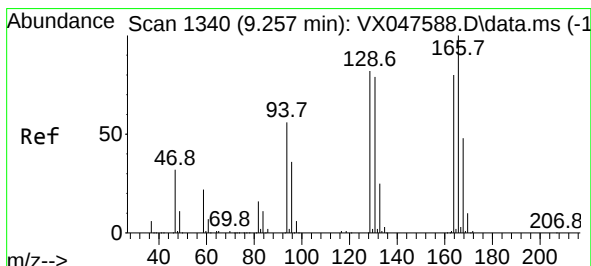
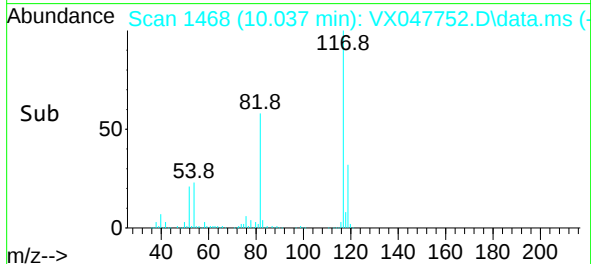
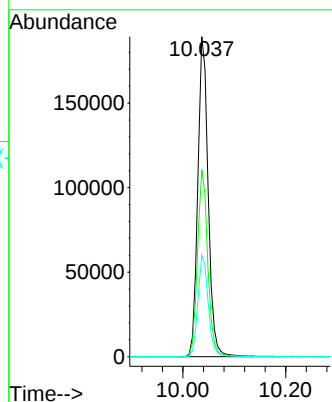
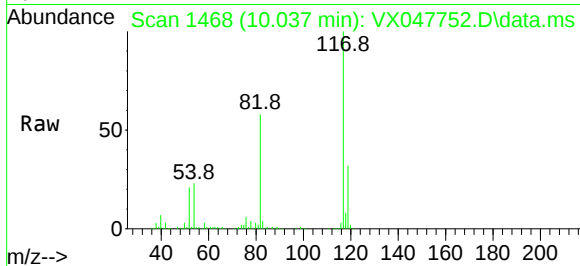




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

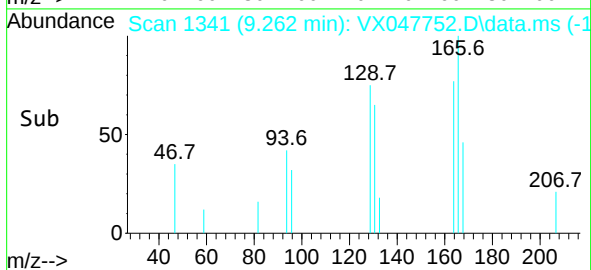
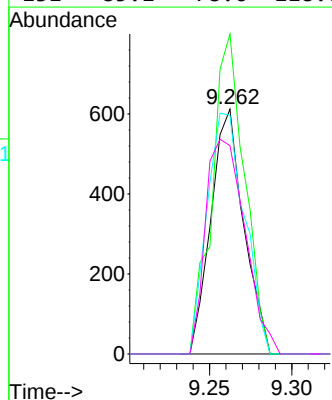
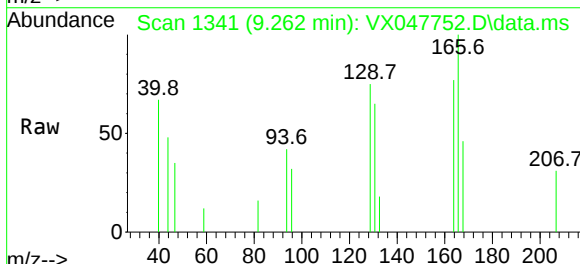
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20250915

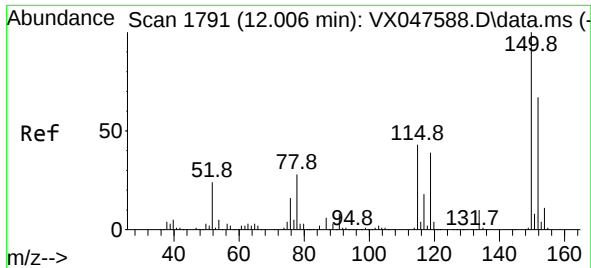
Tgt Ion:117 Resp: 265477
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.6
119 31.7 25.2 37.8



#64
Tetrachloroethene
Concen: 0.491 ug/l
RT: 9.262 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX047752.D
Acq: 24 Sep 2025 05:34

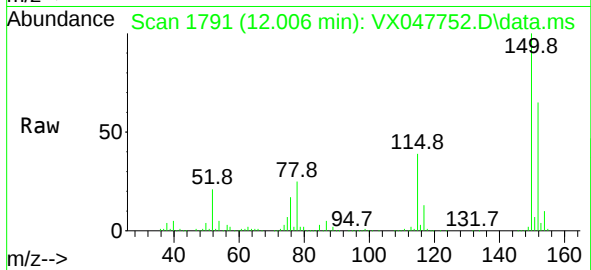
Tgt Ion:164 Resp: 849
Ion Ratio Lower Upper
164 100
166 130.7 100.2 150.2
129 97.5 81.8 122.6
131 85.1 78.6 118.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047752.D
 Acq: 24 Sep 2025 05:34

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20250915



Tgt Ion:152 Resp: 134510
 Ion Ratio Lower Upper
 152 100
 115 61.8 44.9 134.5
 150 156.5 0.0 352.0

