

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092625\
 Data File : VX047864.D
 Acq On : 26 Sep 2025 17:13
 Operator : JC/MD
 Sample : Q3156-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20250918

Quant Time: Sep 26 23:18:42 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)

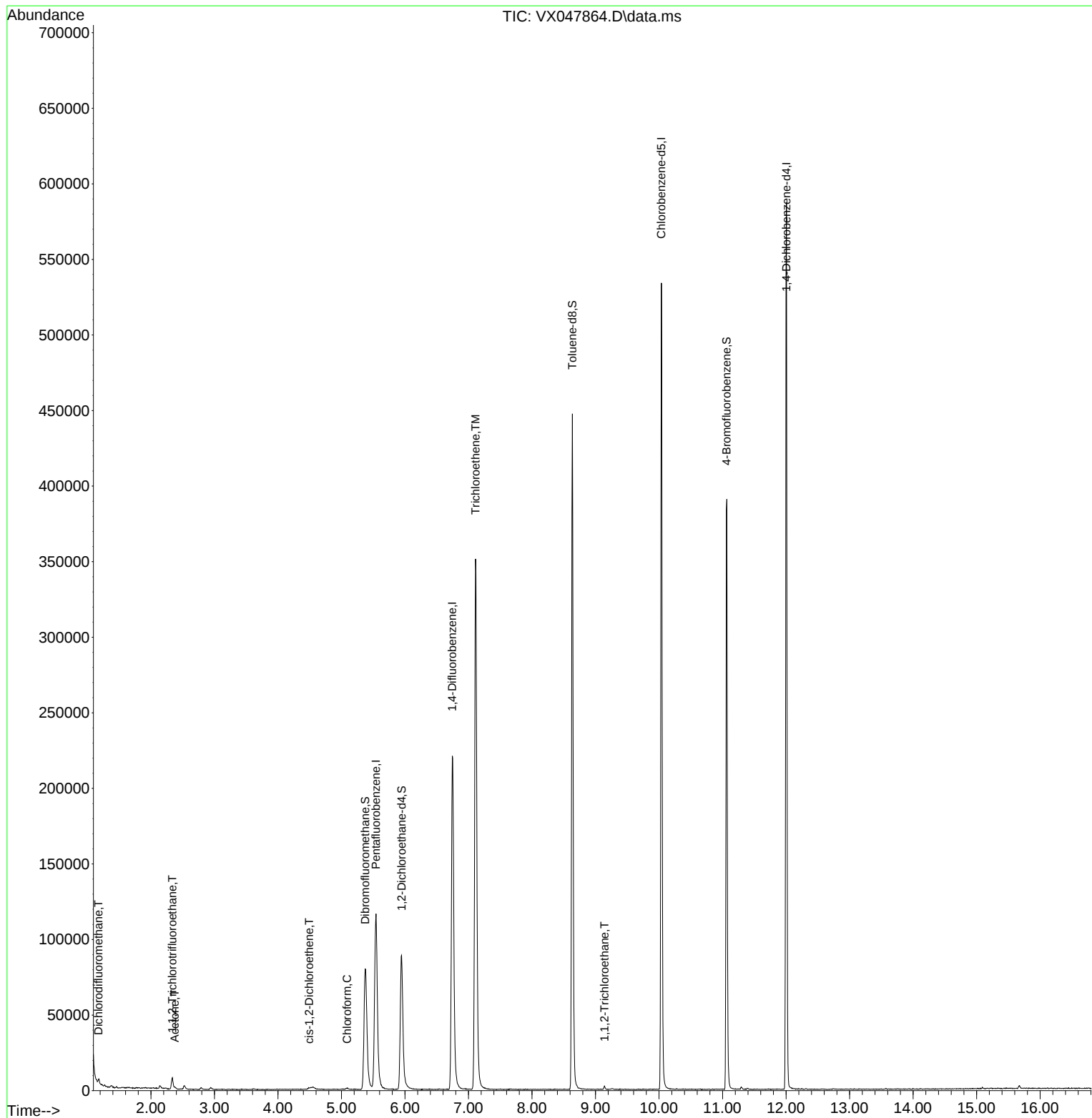
Internal Standards						
1) Pentafluorobenzene	5.544	168	116802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	246986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	248755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	123332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97293	52.331	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.660%		
35) Dibromofluoromethane	5.373	113	80827	48.796	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.600%		
50) Toluene-d8	8.635	98	272465	47.538	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.080%		
62) 4-Bromofluorobenzene	11.061	95	114756	52.756	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 105.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	1702	1.407	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2181	1.614	ug/l	97
16) Acetone	2.373	43	1558	1.927	ug/l #	80
27) cis-1,2-Dichloroethene	4.489	96	806	0.441	ug/l	94
30) Chloroform	5.086	83	994	0.333	ug/l	95
44) Trichloroethene	7.110	130	148505	83.556	ug/l	94
55) 1,1,2-Trichloroethane	9.141	97	635	0.364	ug/l #	72

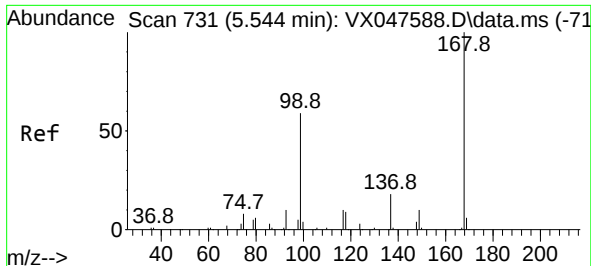
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

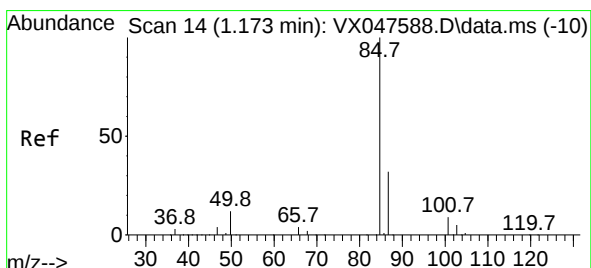
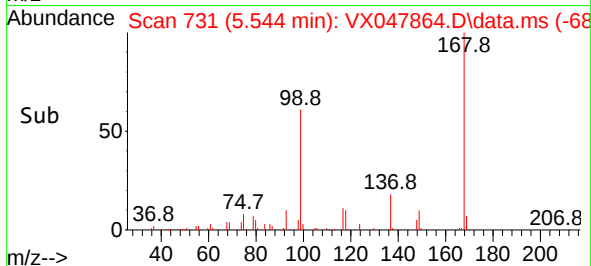
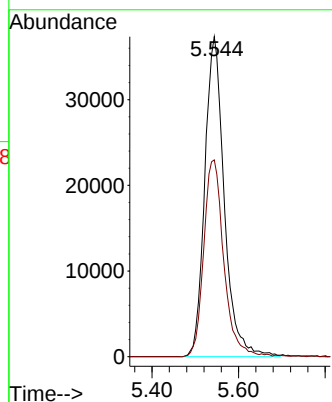
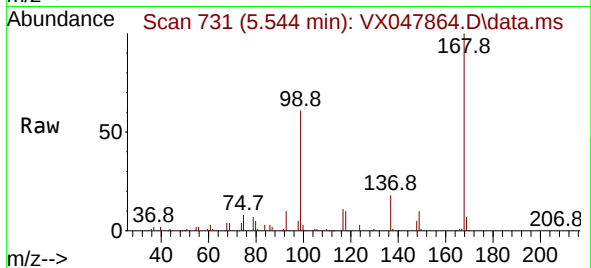




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

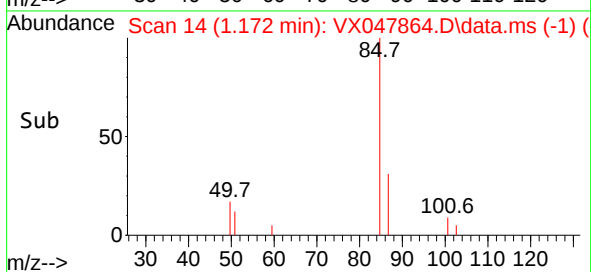
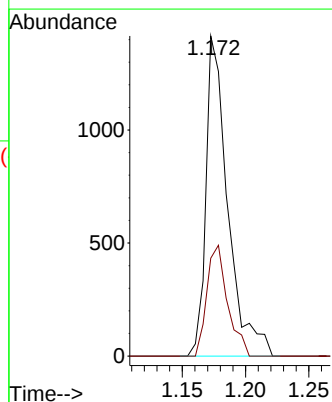
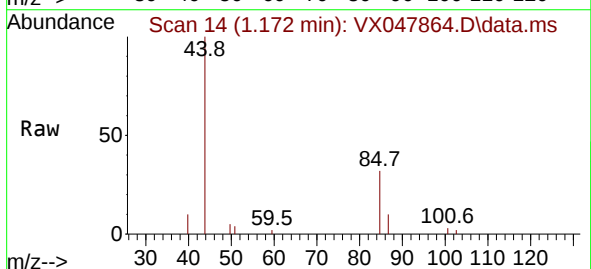
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

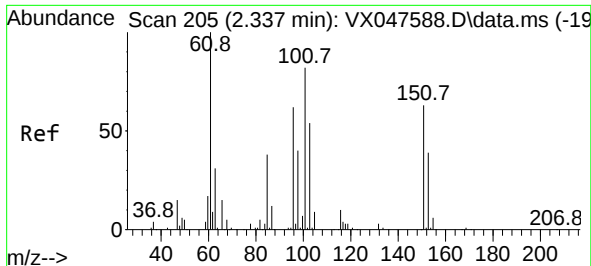
Tgt Ion:168 Resp: 116802
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 1.407 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

Tgt Ion: 85 Resp: 1702
Ion Ratio Lower Upper
85 100
87 30.6 15.8 47.3

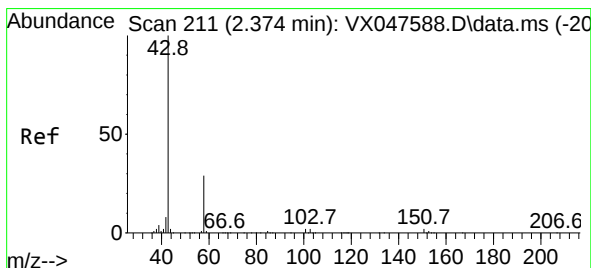
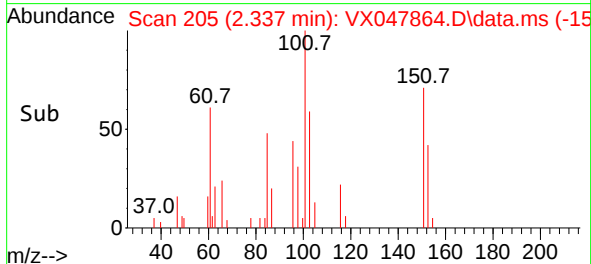
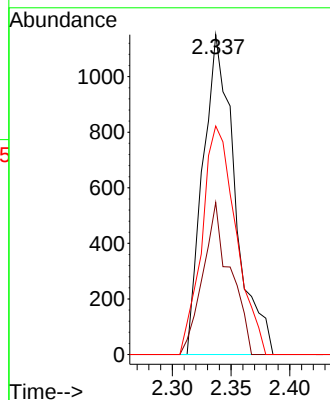
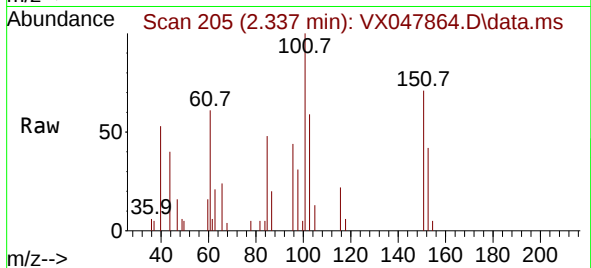




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.614 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

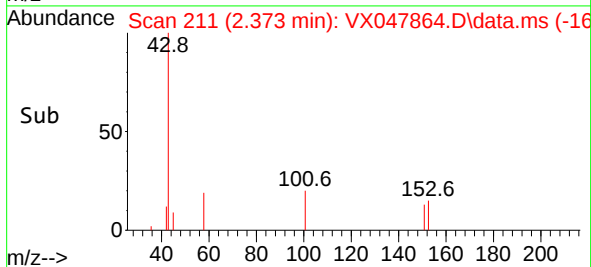
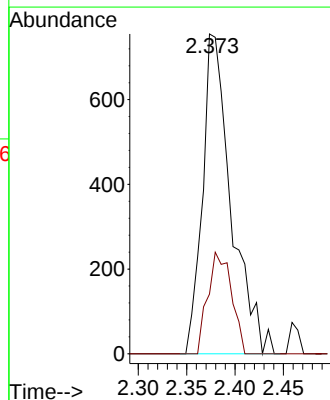
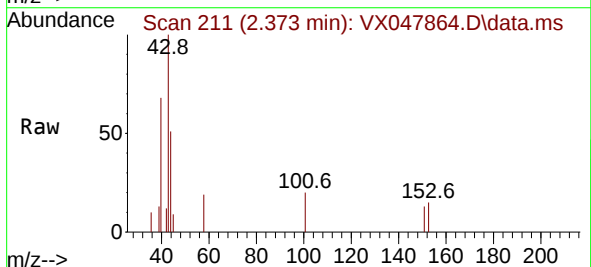
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

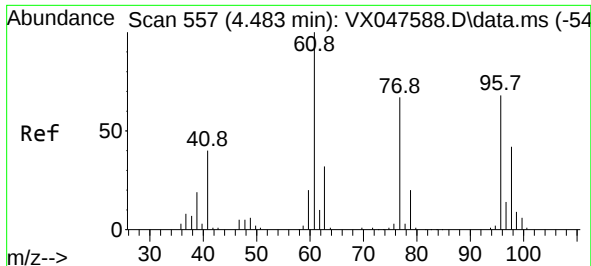
Tgt Ion	101	Resp:	2181
Ion	Ratio	Lower	Upper
101	100		
85	40.7	35.5	53.3
151	75.8	59.4	89.0



#16
Acetone
Concen: 1.927 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

Tgt Ion	43	Resp:	1558
Ion	Ratio	Lower	Upper
43	100		
58	18.7	23.4	35.0





#27

cis-1,2-Dichloroethene

Concen: 0.441 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX047864.D

Acq: 26 Sep 2025 17:13

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20250918

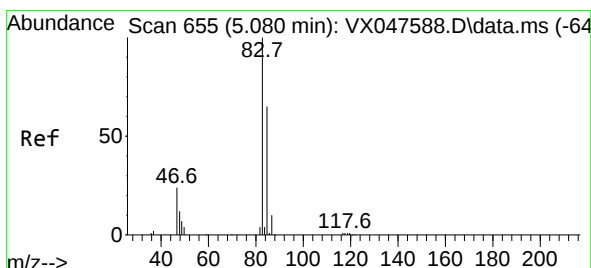
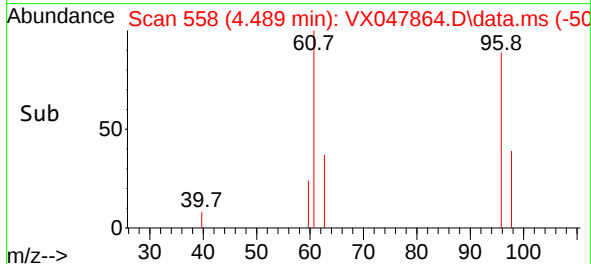
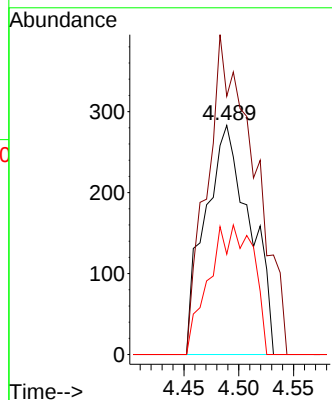
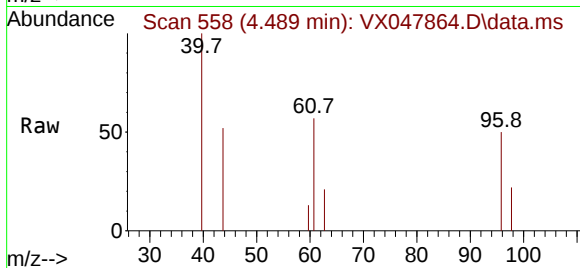
Tgt Ion: 96 Resp: 806

Ion Ratio Lower Upper

96 100

61 145.9 0.0 303.2

98 55.7 0.0 127.8



#30

Chloroform

Concen: 0.333 ug/l

RT: 5.086 min Scan# 656

Delta R.T. 0.006 min

Lab File: VX047864.D

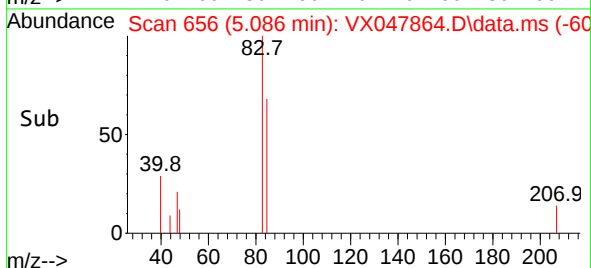
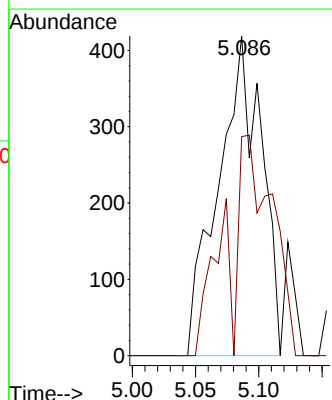
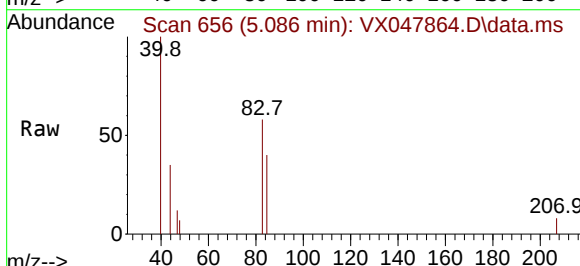
Acq: 26 Sep 2025 17:13

Tgt Ion: 83 Resp: 994

Ion Ratio Lower Upper

83 100

85 68.5 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 52.331 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047864.D

Acq: 26 Sep 2025 17:13

Instrument :

MSVOA_X

ClientSampleId :

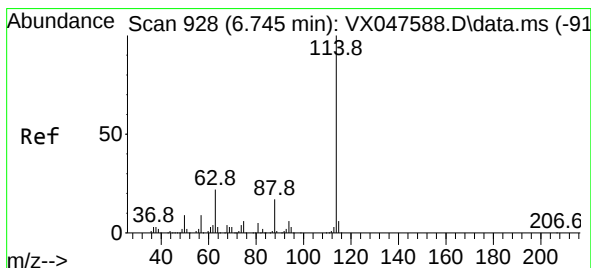
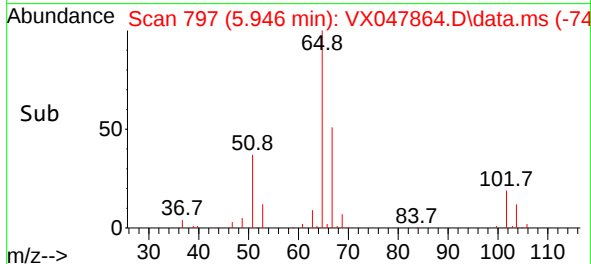
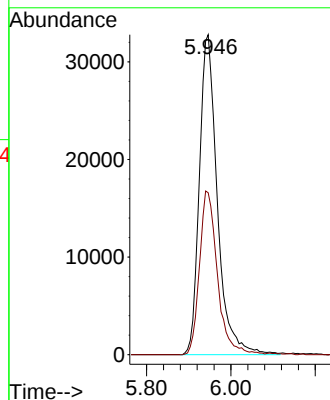
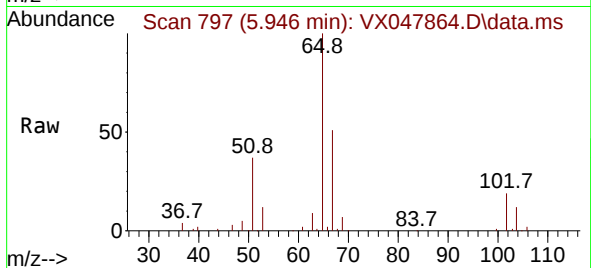
TT180D1-20250918

Tgt Ion: 65 Resp: 97293

Ion Ratio Lower Upper

65 100

67 51.1 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: VX047864.D

Acq: 26 Sep 2025 17:13

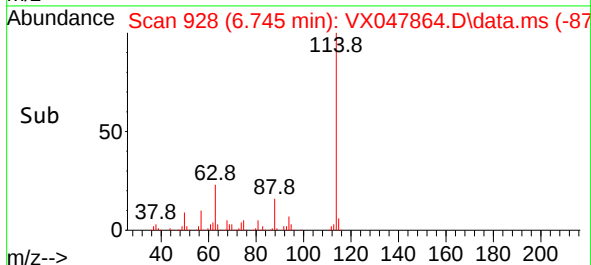
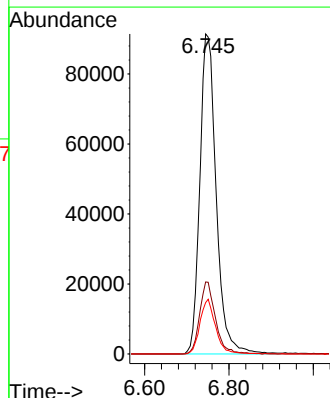
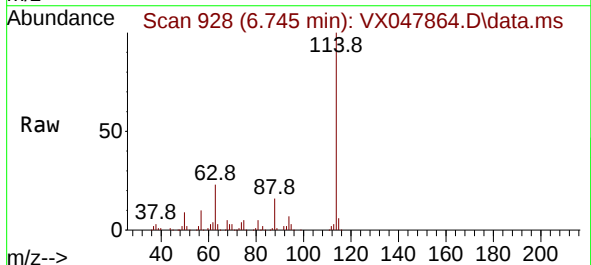
Tgt Ion: 114 Resp: 246986

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 16.1 0.0 34.2

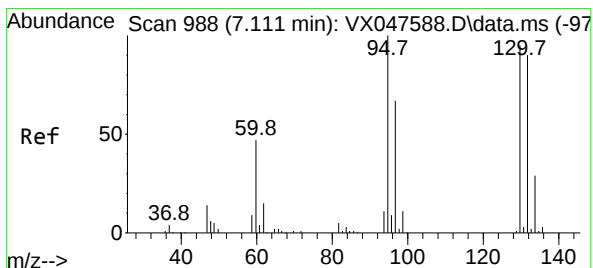
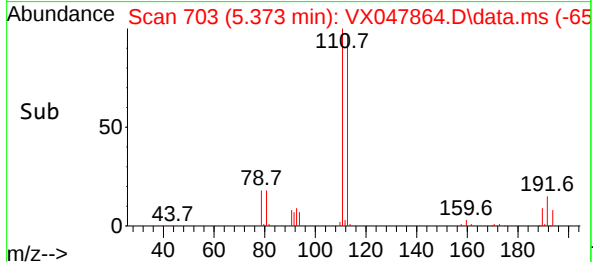
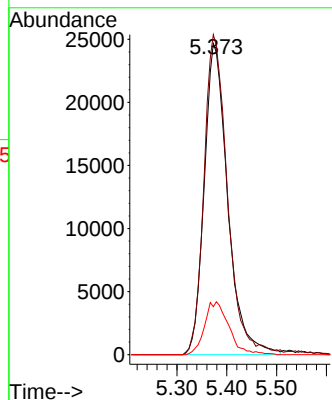
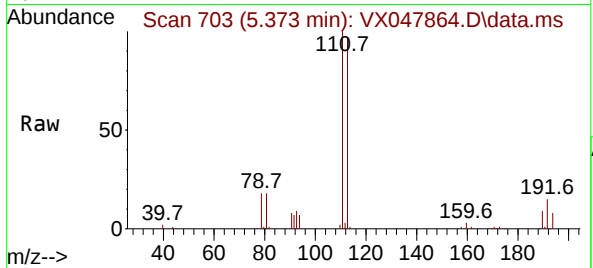




#35
Dibromofluoromethane
Concen: 48.796 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

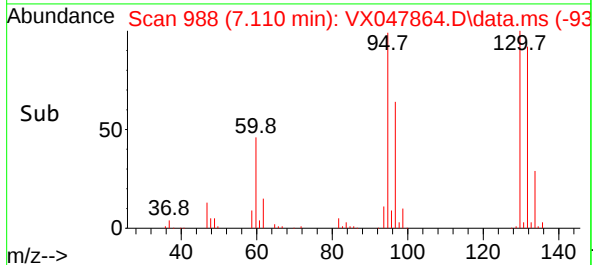
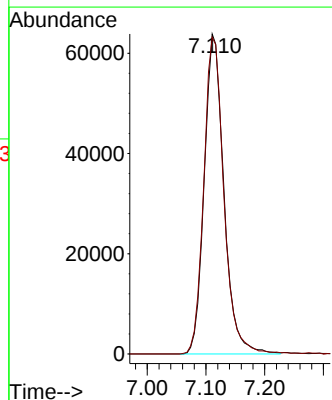
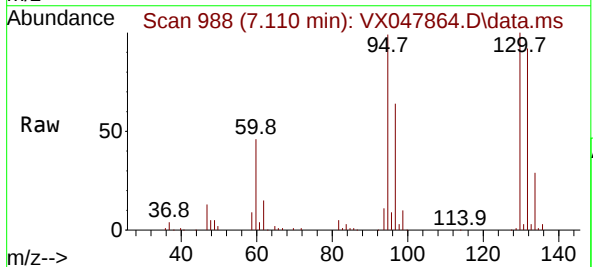
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20250918

Tgt Ion:113 Resp: 80827
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 17.7 14.2 21.4



#44
Trichloroethene
Concen: 83.556 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

Tgt Ion:130 Resp: 148505
Ion Ratio Lower Upper
130 100
95 98.9 0.0 210.8

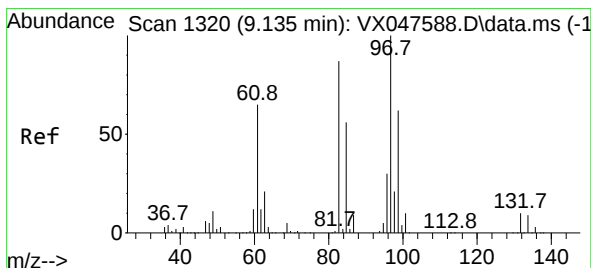
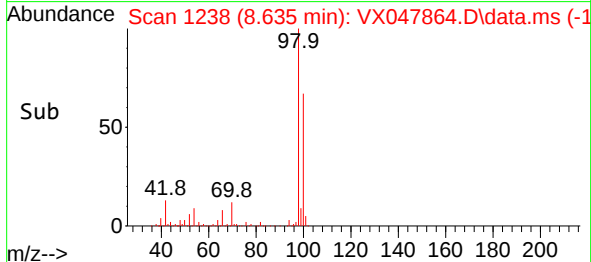
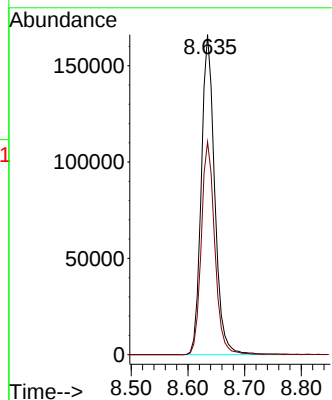
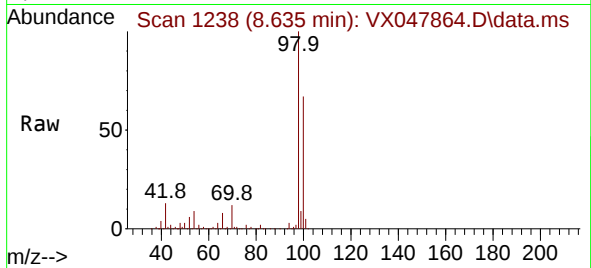




#50
Toluene-d8
Concen: 47.538 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

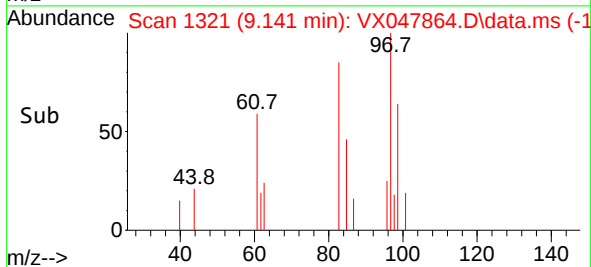
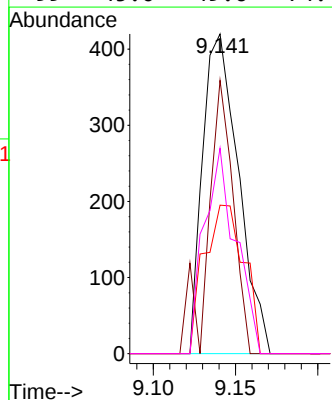
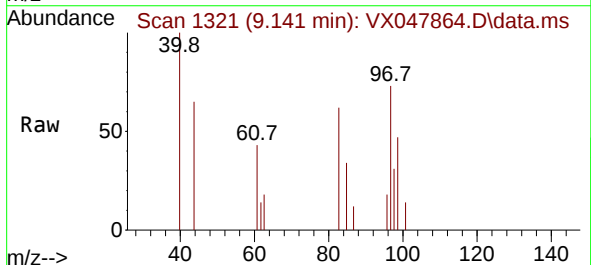
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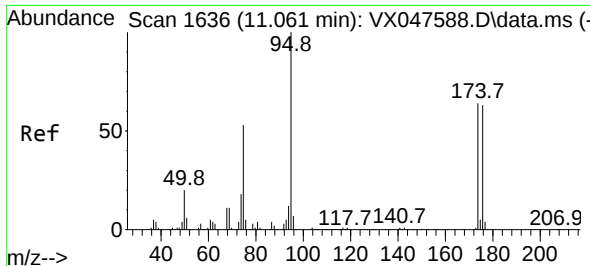
Tgt Ion: 98 Resp: 272465
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#55
1,1,2-Trichloroethane
Concen: 0.364 ug/l
RT: 9.141 min Scan# 1321
Delta R.T. 0.006 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

Tgt Ion: 97 Resp: 635
Ion Ratio Lower Upper
97 100
83 59.8 69.6 104.4#
85 32.5 45.0 67.6#
99 45.0 49.6 74.4#

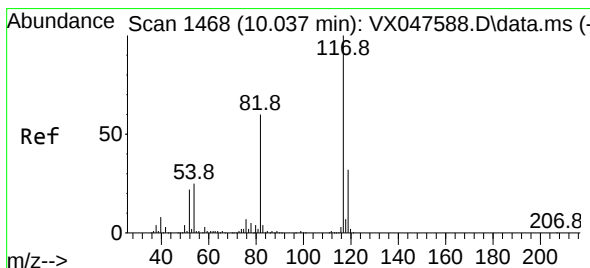
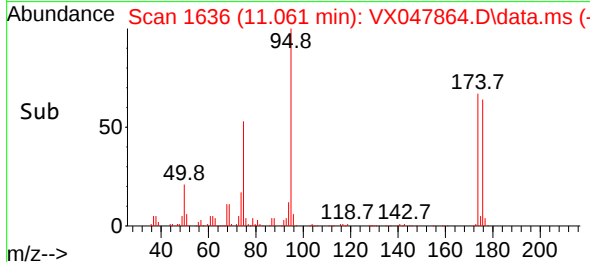
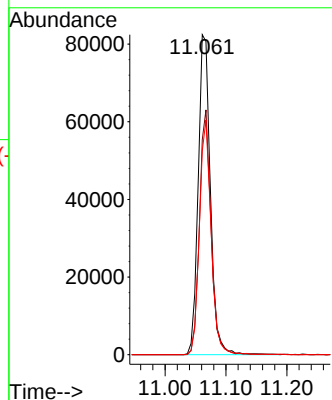
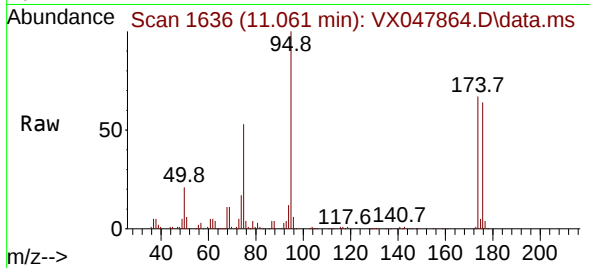




#62
4-Bromofluorobenzene
Concen: 52.756 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

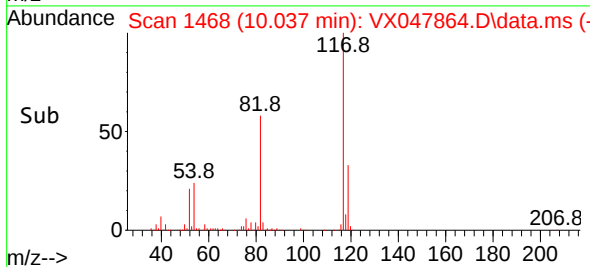
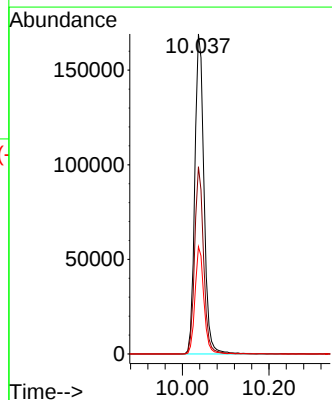
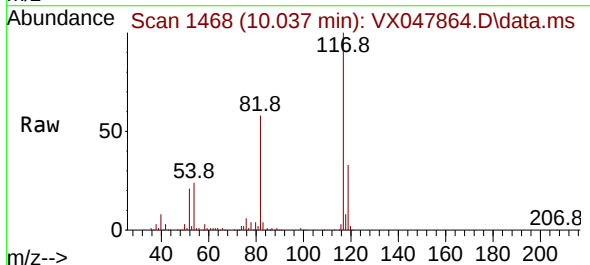
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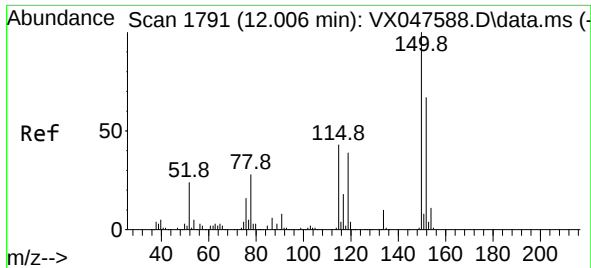
Tgt Ion: 95 Resp: 114756
Ion Ratio Lower Upper
95 100
174 72.7 0.0 141.6
176 70.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047864.D
Acq: 26 Sep 2025 17:13

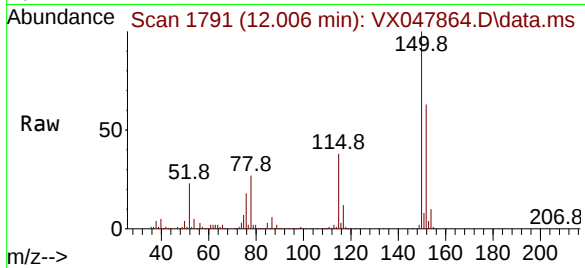
Tgt Ion: 117 Resp: 248755
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 33.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047864.D
 Acq: 26 Sep 2025 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20250918



Tgt Ion:152 Resp: 123332
 Ion Ratio Lower Upper
 152 100
 115 62.8 44.9 134.5
 150 160.0 0.0 352.0

