

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047838.D
 Acq On : 26 Sep 2025 06:40
 Operator : JC/MD
 Sample : Q3156-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT190D2-20250918

Quant Time: Sep 26 08:28:51 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)

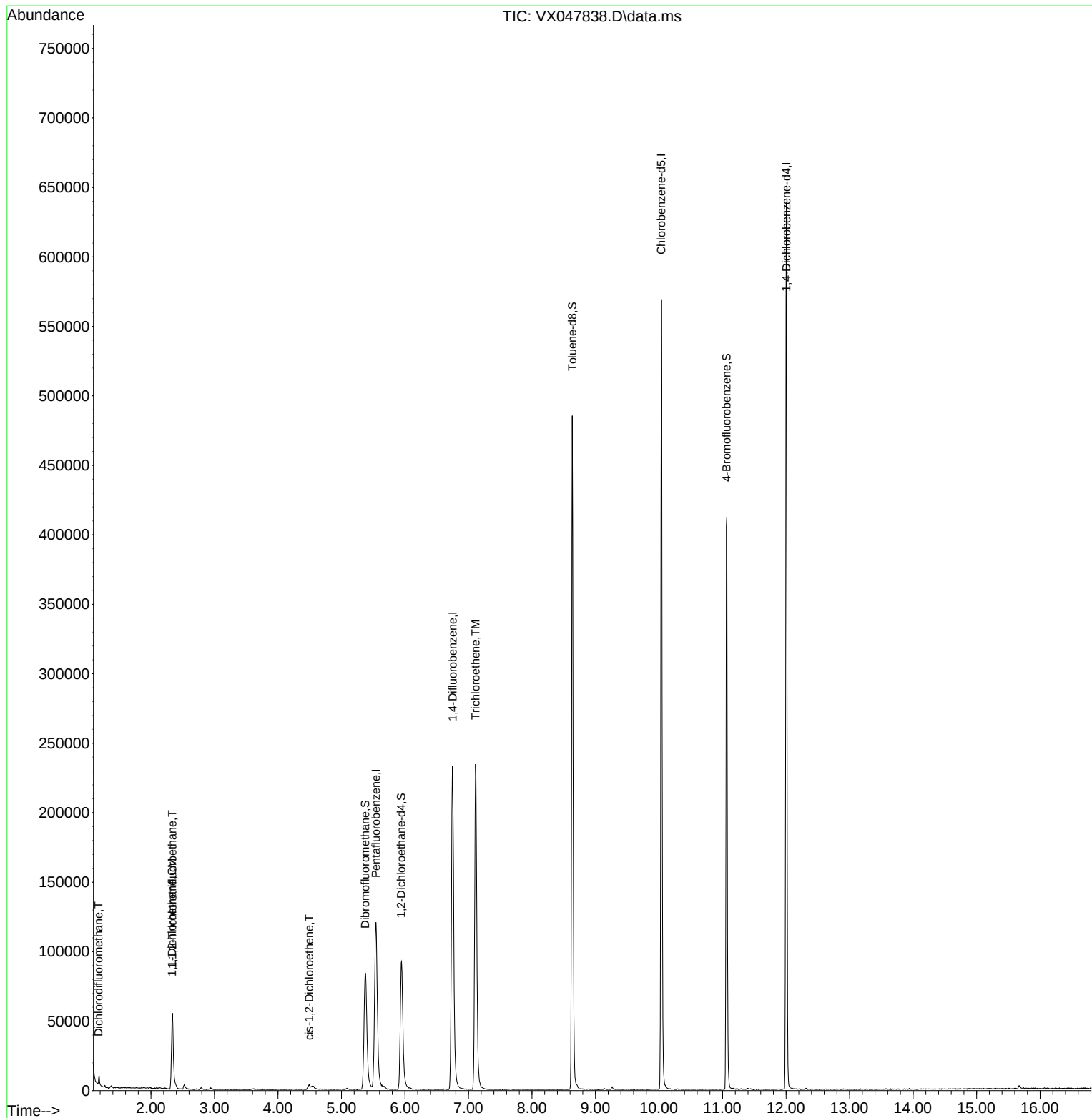
Internal Standards						
1) Pentafluorobenzene	5.544	168	122049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	100641	51.804	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.600%
35) Dibromofluoromethane	5.373	113	84392	49.248	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.500%
50) Toluene-d8	8.635	98	289019	48.744	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.480%
62) 4-Bromofluorobenzene	11.061	95	120975	53.759	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	592	0.468	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.337	101	22820	16.165	ug/l	98
12) 1,1-Dichloroethene	2.331	96	2533	1.747	ug/l #	62
27) cis-1,2-Dichloroethene	4.489	96	2225	1.164	ug/l	81
44) Trichloroethene	7.110	130	98305	53.466	ug/l	99

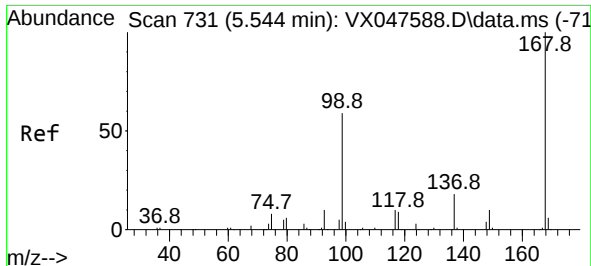
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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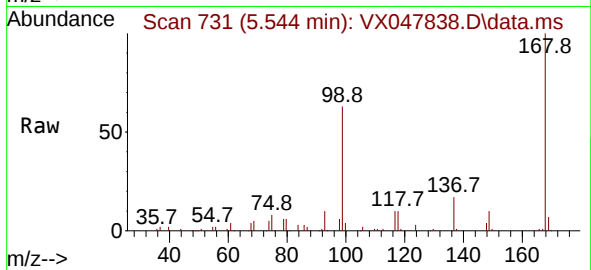
Quant Time: Sep 26 08:28:51 2025
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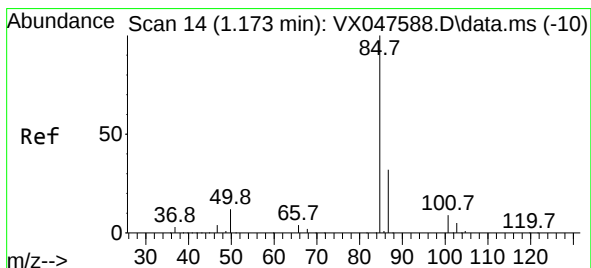
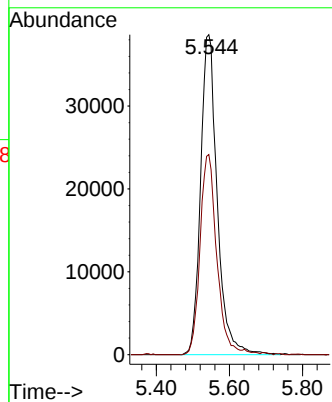
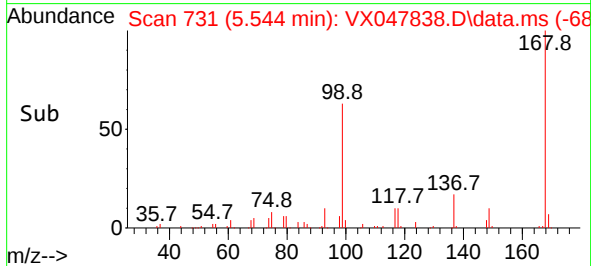


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

Instrument :
MSVOA_X
ClientSampleId :
TT190D2-20250918

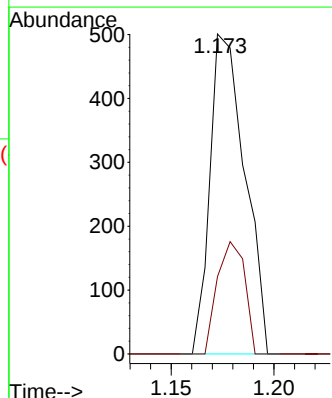
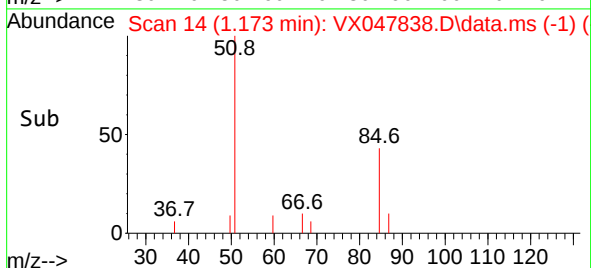
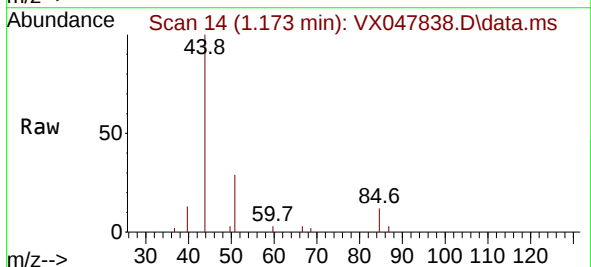


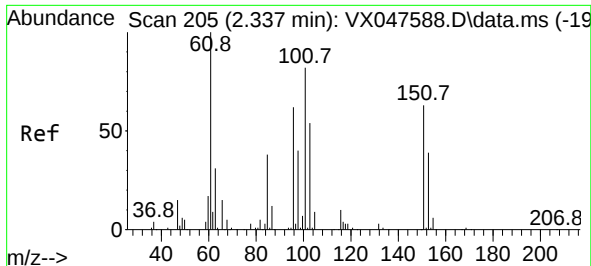
Tgt Ion:168 Resp: 122049
Ion Ratio Lower Upper
168 100
99 62.6 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.468 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

Tgt Ion: 85 Resp: 592
Ion Ratio Lower Upper
85 100
87 24.2 15.8 47.3

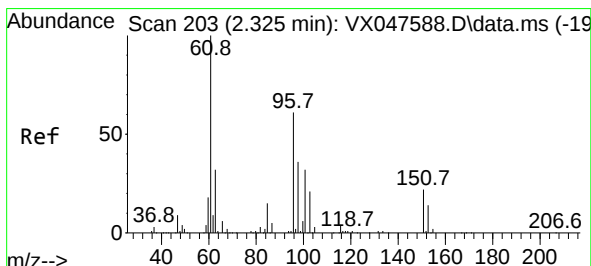
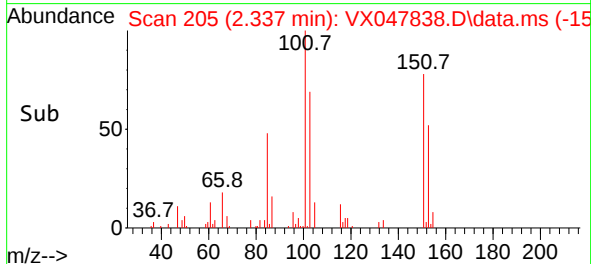
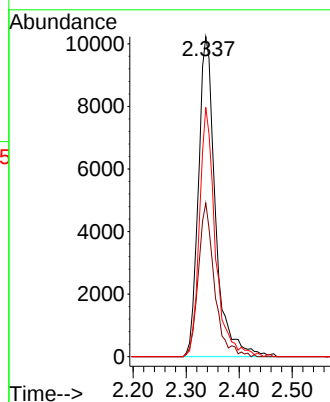
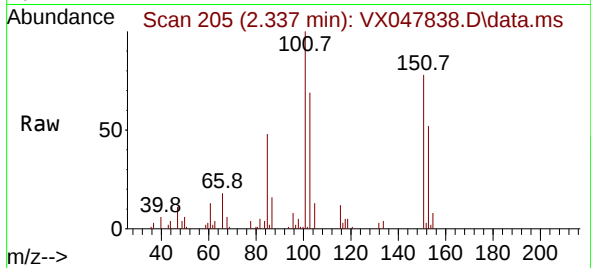




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.165 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

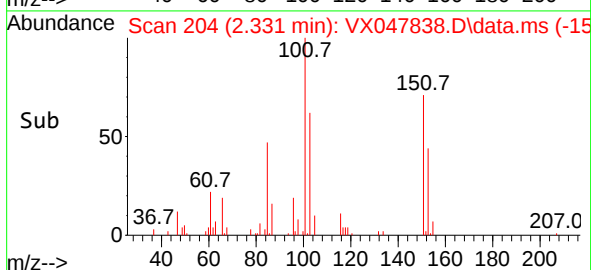
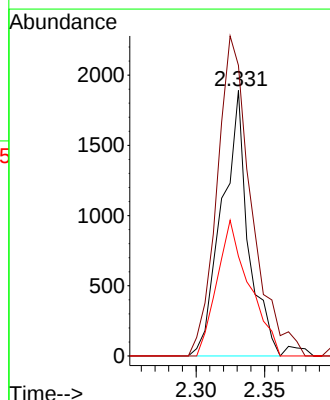
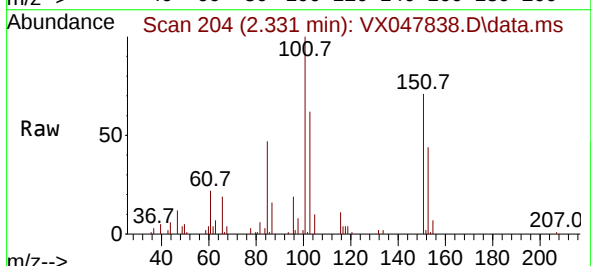
Instrument :
MSVOA_X
ClientSampleId :
TT190D2-20250918

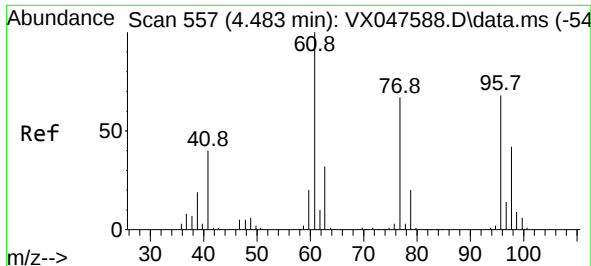
Tgt Ion:	101	Resp:	22820
Ion	Ratio	Lower	Upper
101	100		
85	45.4	35.5	53.3
151	72.8	59.4	89.0



#12
1,1-Dichloroethene
Concen: 1.747 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

Tgt Ion:	96	Resp:	2533
Ion	Ratio	Lower	Upper
96	100		
61	109.5	131.0	196.6#
98	37.6	47.7	71.5#





#27

cis-1,2-Dichloroethene

Concen: 1.164 ug/l

RT: 4.489 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX047838.D

Acq: 26 Sep 2025 06:40

Instrument :

MSVOA_X

ClientSampleId :

TT190D2-20250918

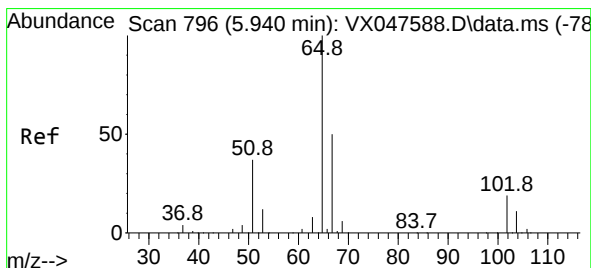
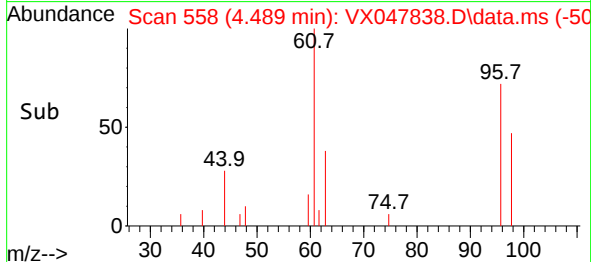
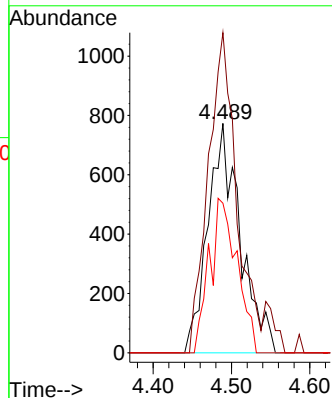
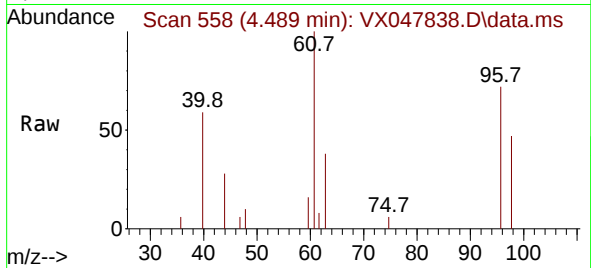
Tgt Ion: 96 Resp: 2225

Ion Ratio Lower Upper

96 100

61 122.4 0.0 303.2

98 57.2 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 51.804 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX047838.D

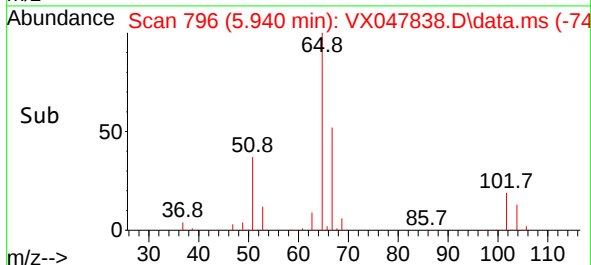
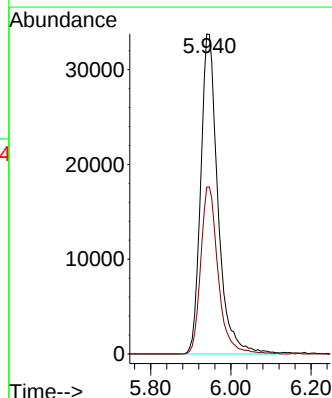
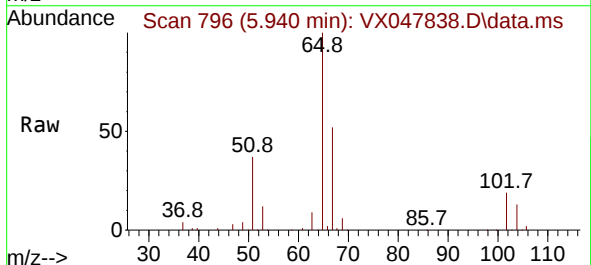
Acq: 26 Sep 2025 06:40

Tgt Ion: 65 Resp: 100641

Ion Ratio Lower Upper

65 100

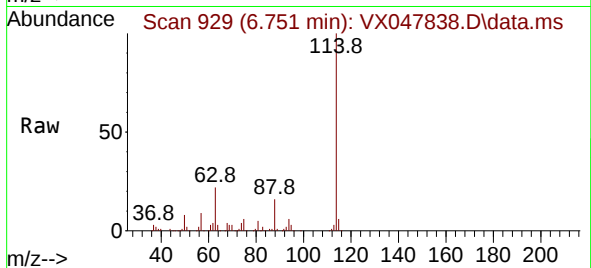
67 52.8 0.0 103.0



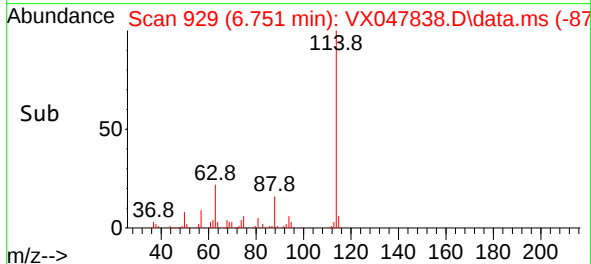
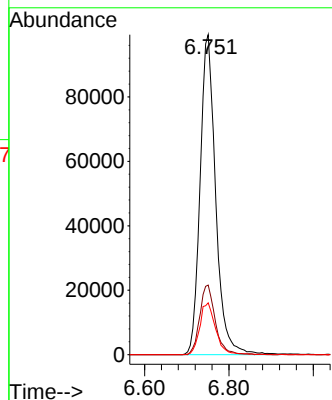


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

Instrument :
MSVOA_X
ClientSampleId :
TT190D2-20250918

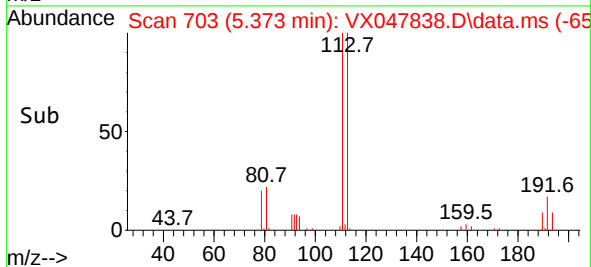
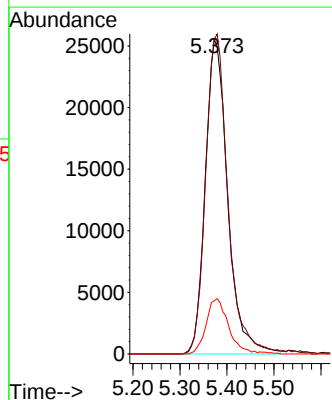
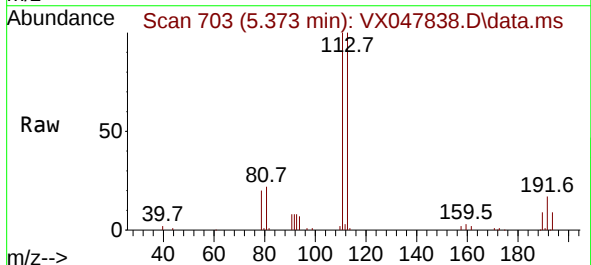


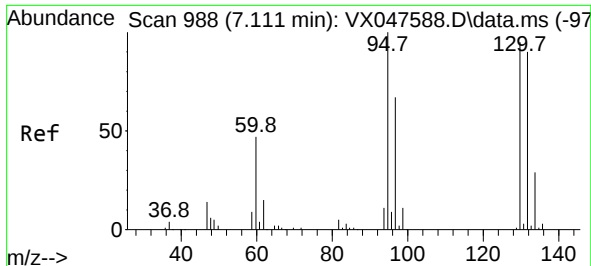
Tgt Ion:114 Resp: 255511
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.248 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

Tgt Ion:113 Resp: 84392
Ion Ratio Lower Upper
113 100
111 101.4 80.9 121.3
192 17.8 14.2 21.4

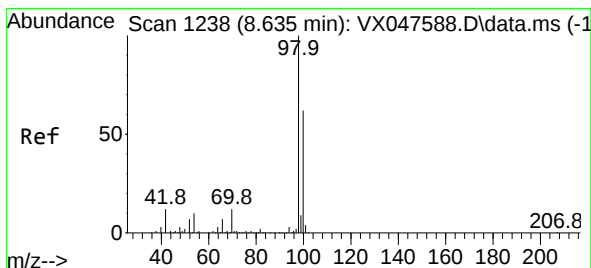
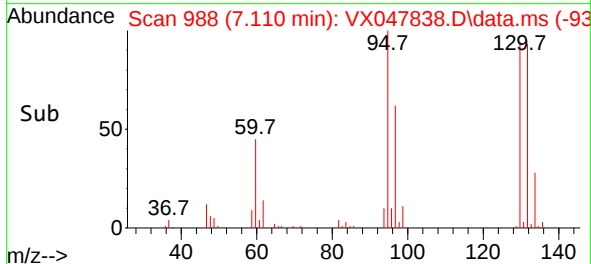
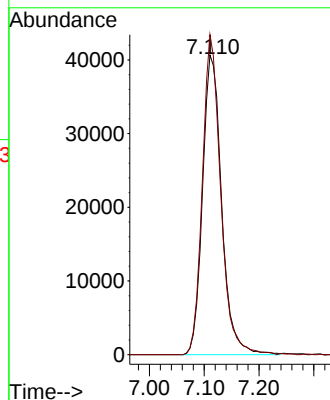
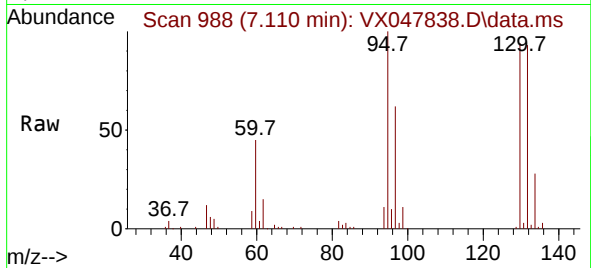




#44
Trichloroethene
Concen: 53.466 ug/l
RT: 7.110 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

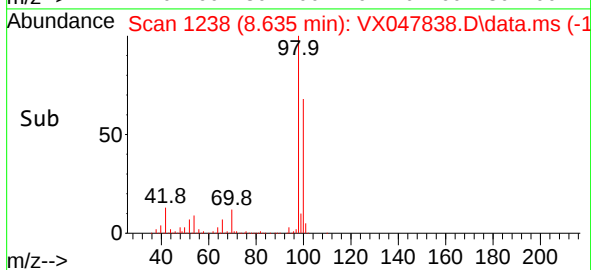
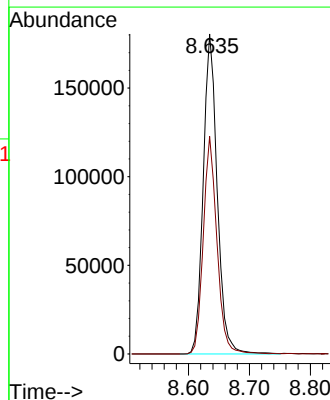
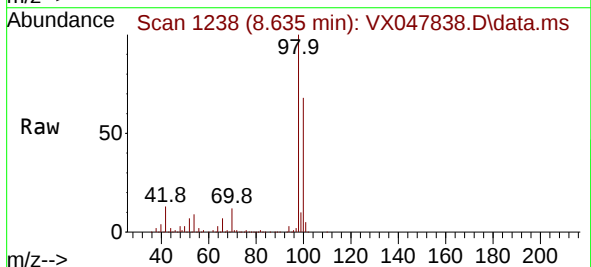
Instrument :
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ClientSampleId :
TT190D2-20250918

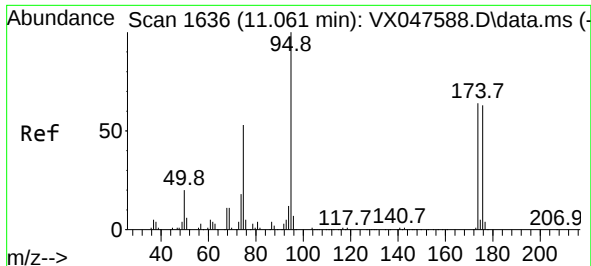
Tgt Ion:130 Resp: 98305
Ion Ratio Lower Upper
130 100
95 106.8 0.0 210.8



#50
Toluene-d8
Concen: 48.744 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

Tgt Ion: 98 Resp: 289019
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

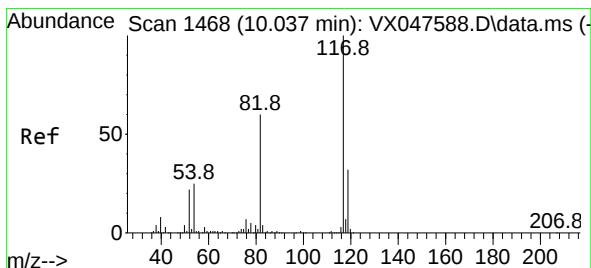
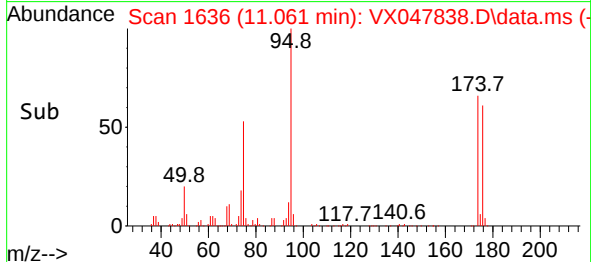
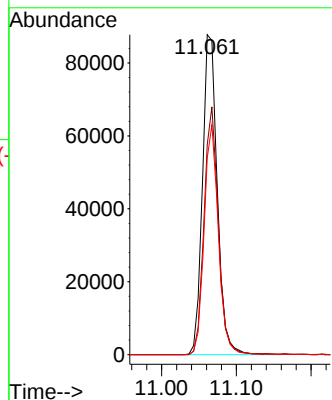
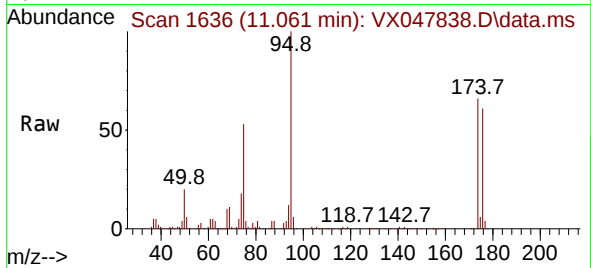




#62
4-Bromofluorobenzene
Concen: 53.759 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

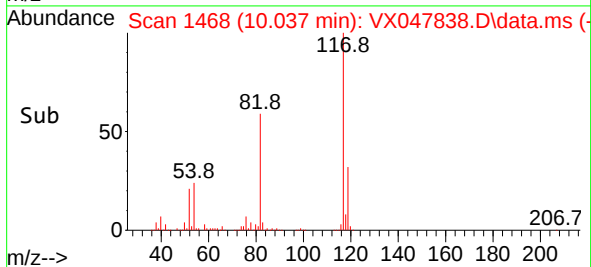
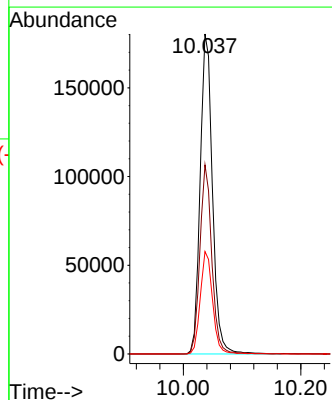
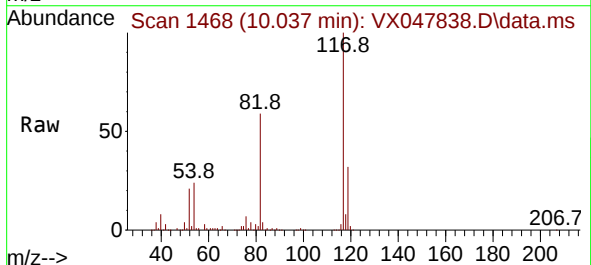
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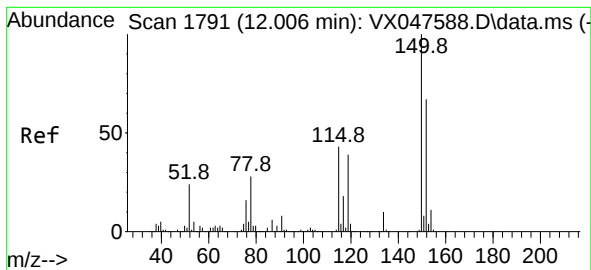
Tgt Ion: 95 Resp: 120975
Ion Ratio Lower Upper
95 100
174 74.9 0.0 141.6
176 69.1 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047838.D
Acq: 26 Sep 2025 06:40

Tgt Ion: 117 Resp: 261991
Ion Ratio Lower Upper
117 100
82 59.1 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: VX047838.D

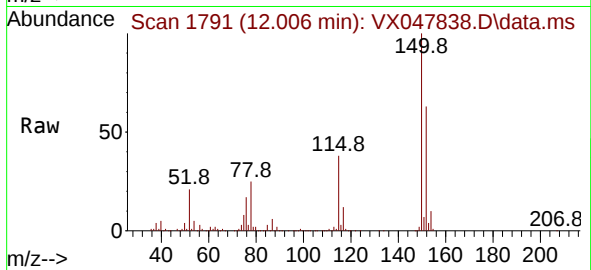
Acq: 26 Sep 2025 06:40

Instrument :

MSVOA_X

ClientSampleId :

TT190D2-20250918



Tgt Ion:152 Resp: 131382

Ion Ratio Lower Upper

152 100

115 61.8 44.9 134.5

150 156.7 0.0 352.0

