

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039228.D
 Acq On : 29 Sep 2025 13:53
 Operator : SY/MD
 Sample : Q3195-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-33D-091725

Quant Time: Sep 30 01:25:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

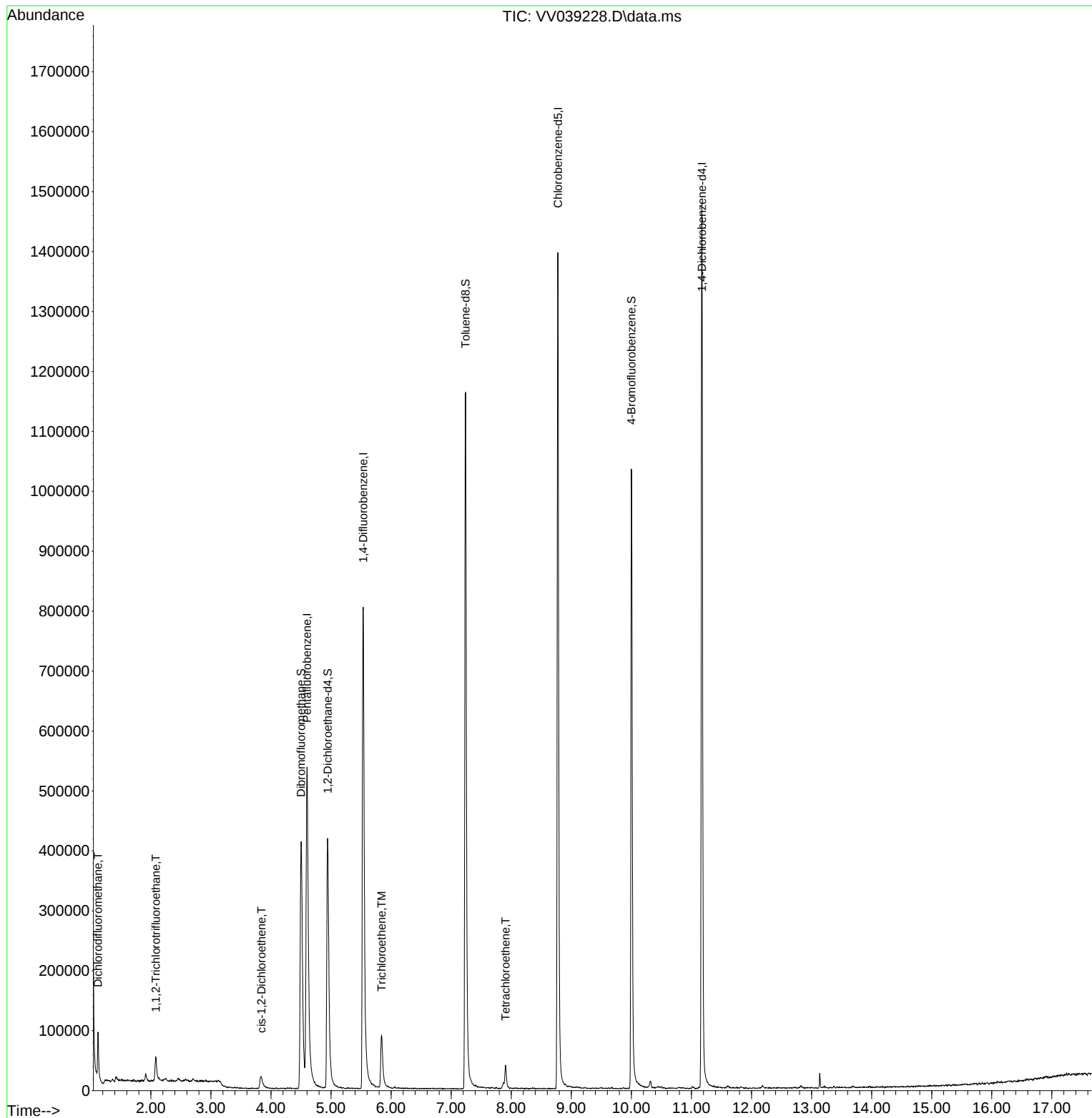
Internal Standards						
1) Pentafluorobenzene	4.600	168	463190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	796521	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	800959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	398638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	371910	55.478	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	110.960%
35) Dibromofluoromethane	4.503	113	347020	54.193	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	108.380%
50) Toluene-d8	7.240	98	853418	45.378	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.760%
62) 4-Bromofluorobenzene	10.001	95	347720	44.912	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	57633	7.860	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	15154	2.088	ug/l	94
27) cis-1,2-Dichloroethene	3.841	96	11015	1.343	ug/l	77
44) Trichloroethene	5.841	130	39693	5.456	ug/l	96
64) Tetrachloroethene	7.905	164	9414	1.403	ug/l	96

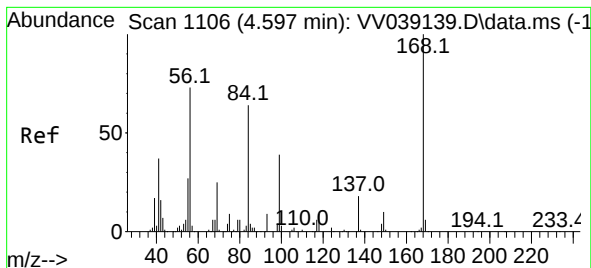
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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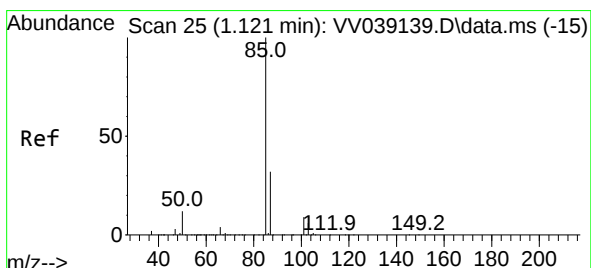
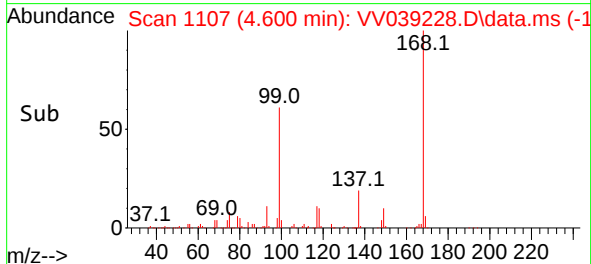
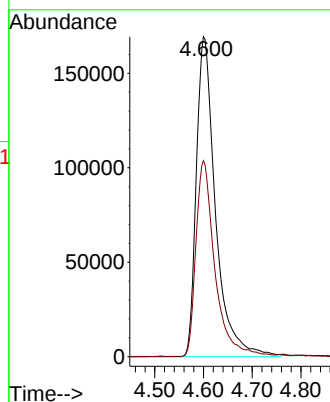
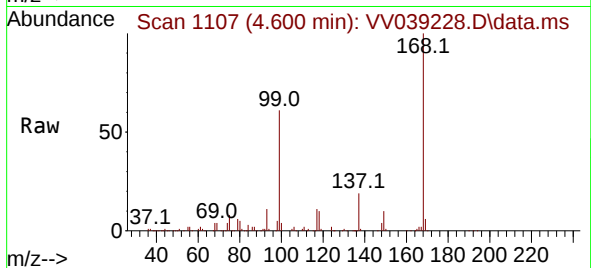




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

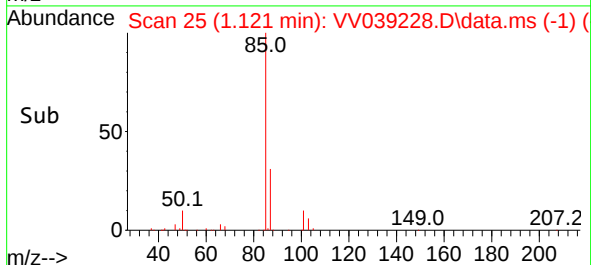
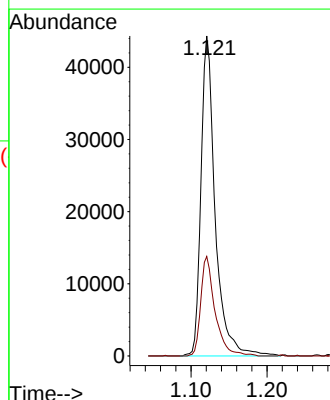
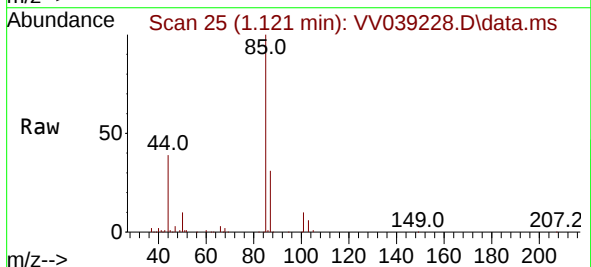
Instrument :
MSVOA_V
ClientSampleId :
MW-33D-091725

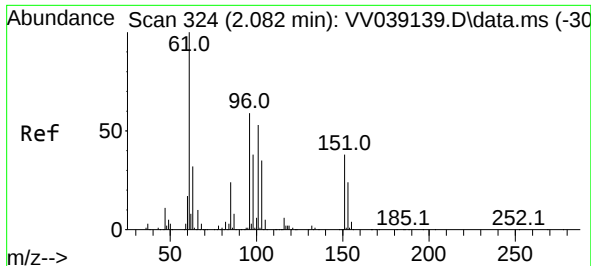
Tgt Ion:168 Resp: 463190
Ion Ratio Lower Upper
168 100
99 61.2 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 7.860 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

Tgt Ion: 85 Resp: 57633
Ion Ratio Lower Upper
85 100
87 31.1 16.0 47.9

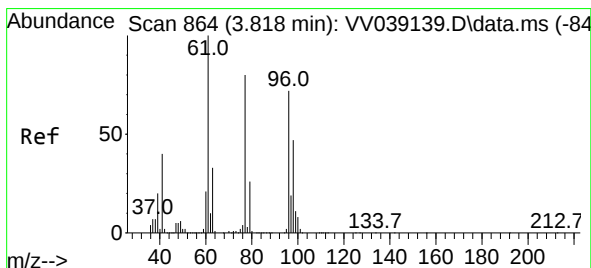
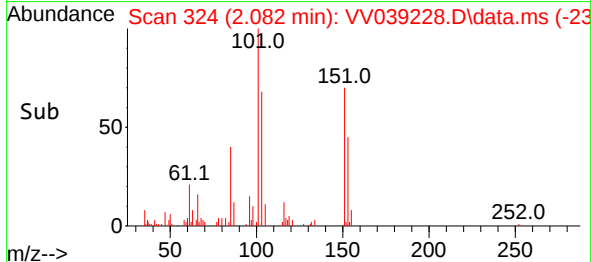
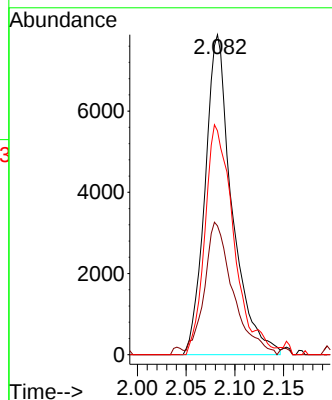
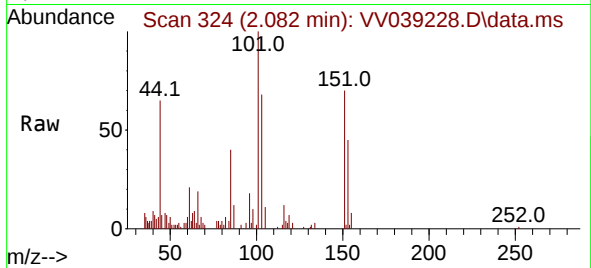




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.088 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

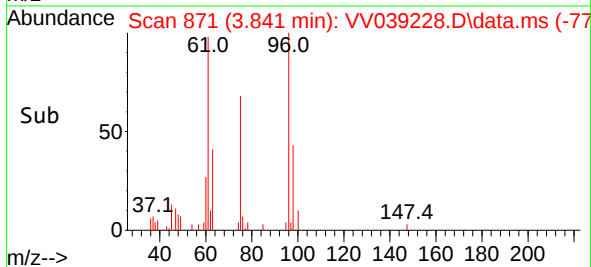
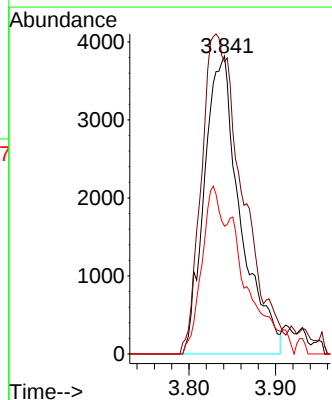
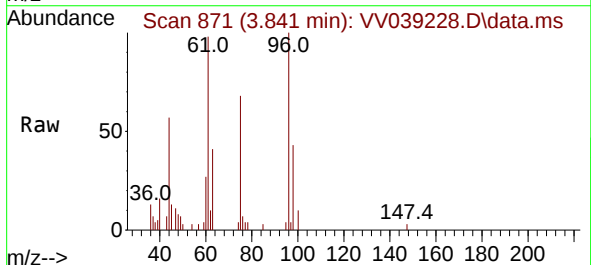
Instrument :
MSVOA_V
ClientSampleId :
MW-33D-091725

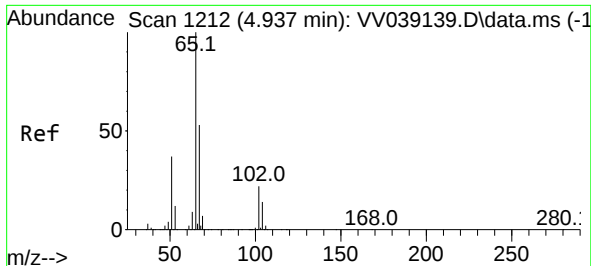
Tgt Ion:101 Resp: 15154
Ion Ratio Lower Upper
101 100
85 43.7 36.2 54.2
151 77.1 56.3 84.5



#27
cis-1,2-Dichloroethene
Concen: 1.343 ug/l
RT: 3.841 min Scan# 871
Delta R.T. 0.023 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

Tgt Ion: 96 Resp: 11015
Ion Ratio Lower Upper
96 100
61 123.6 0.0 286.4
98 32.6 0.0 126.6

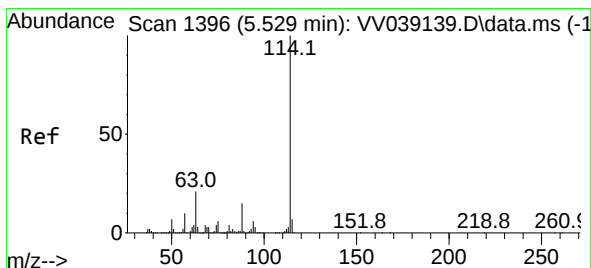
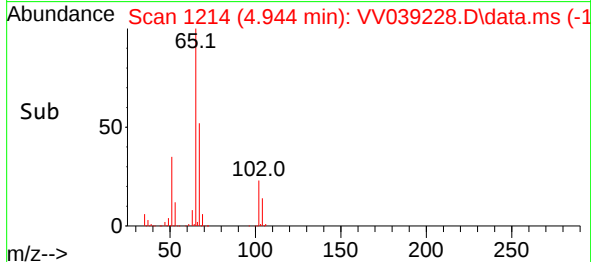
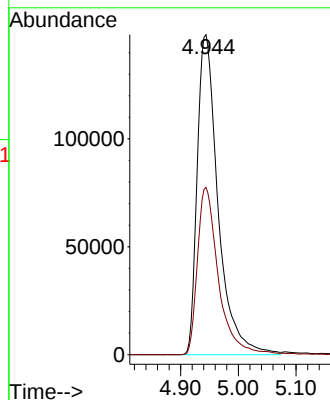
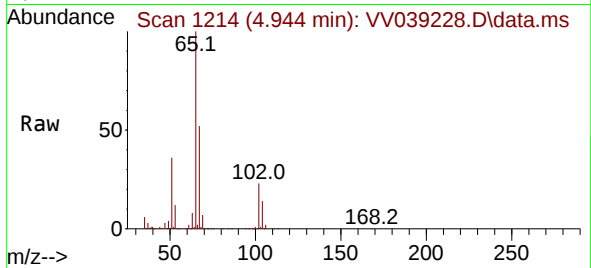




#33
1,2-Dichloroethane-d4
Concen: 55.478 ug/l
RT: 4.944 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

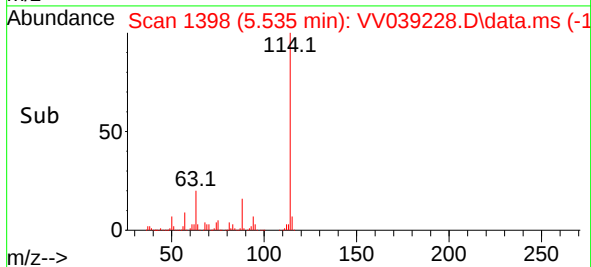
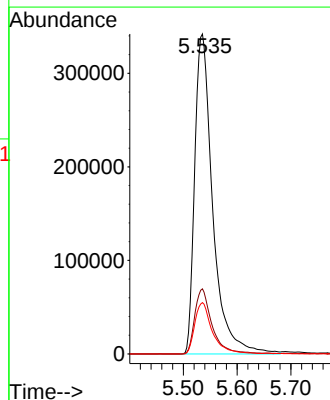
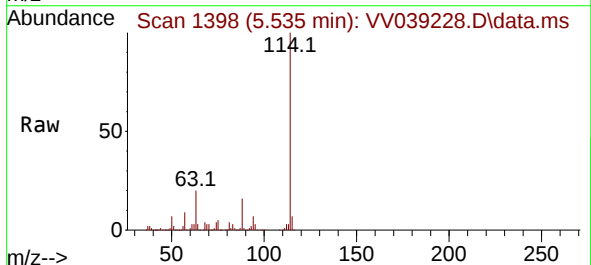
Instrument :
MSVOA_V
ClientSampleId :
MW-33D-091725

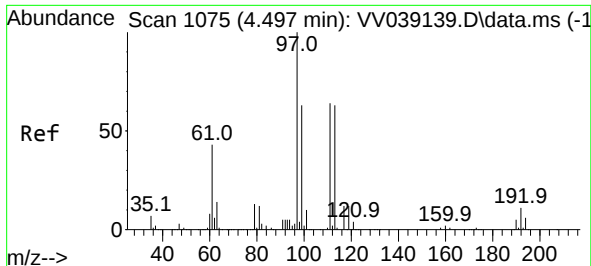
Tgt Ion: 65 Resp: 371910
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

Tgt Ion: 114 Resp: 796521
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 16.1 0.0 30.8

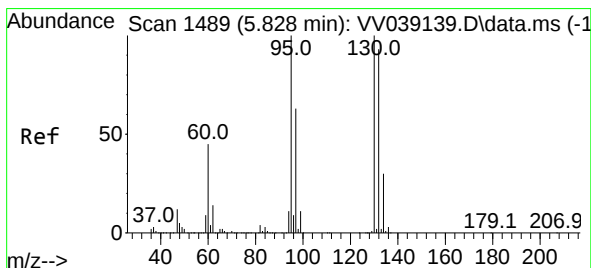
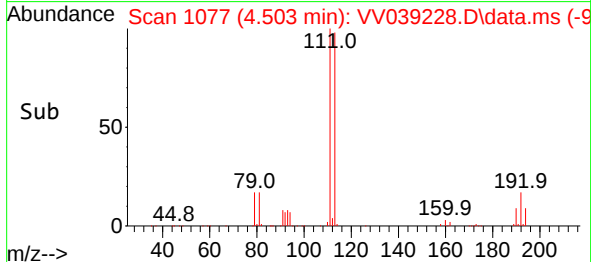
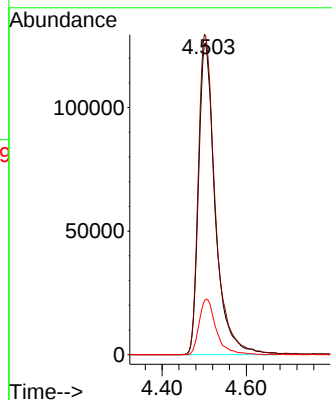
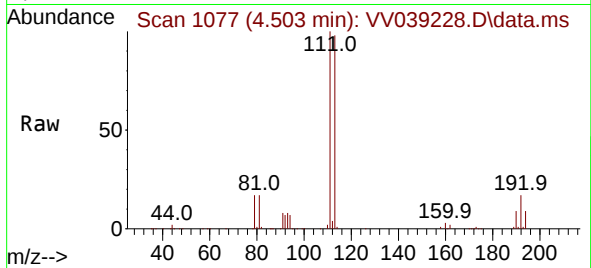




#35
Dibromofluoromethane
Concen: 54.193 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

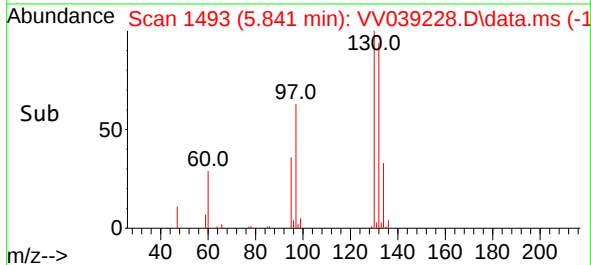
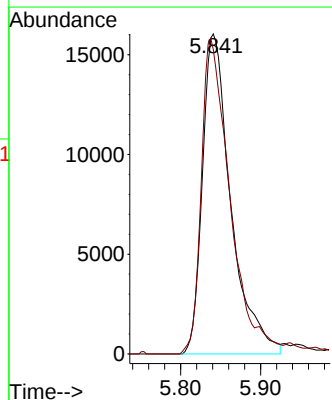
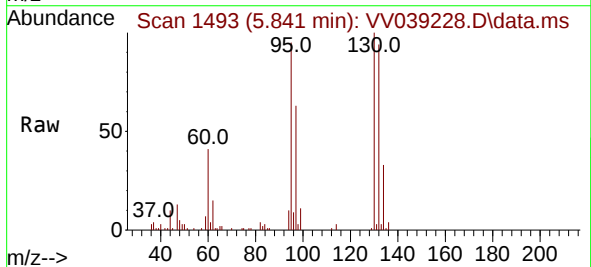
Instrument :
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ClientSampleId :
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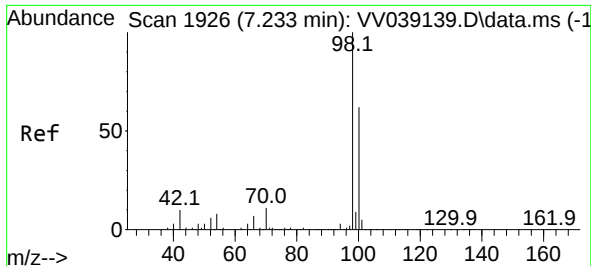
Tgt Ion:113 Resp: 347020
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 18.2 13.8 20.8



#44
Trichloroethene
Concen: 5.456 ug/l
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

Tgt Ion:130 Resp: 39693
Ion Ratio Lower Upper
130 100
95 95.1 0.0 199.2

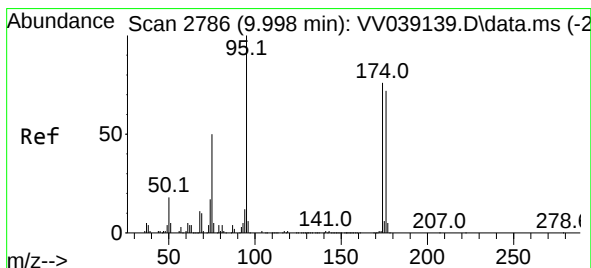
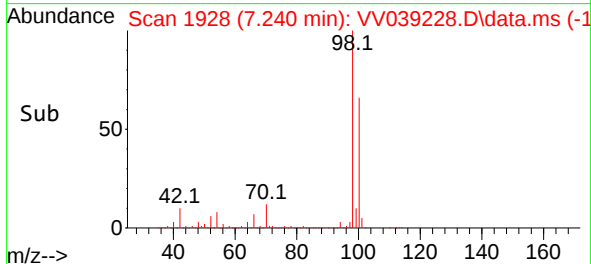
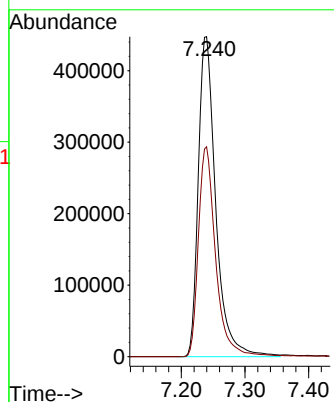
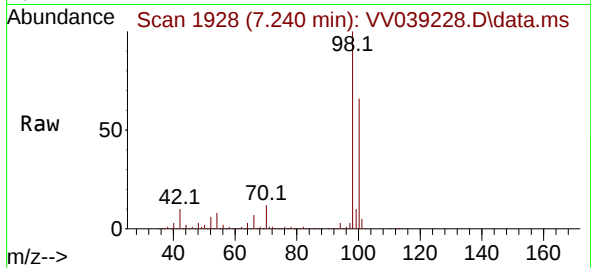




#50
Toluene-d8
Concen: 45.378 ug/l
RT: 7.240 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

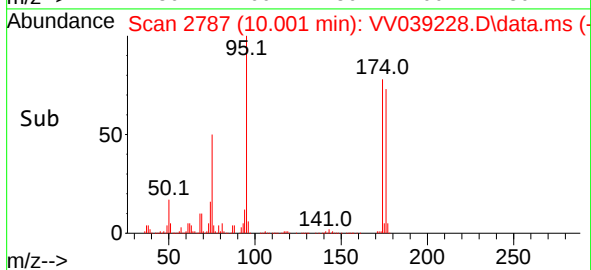
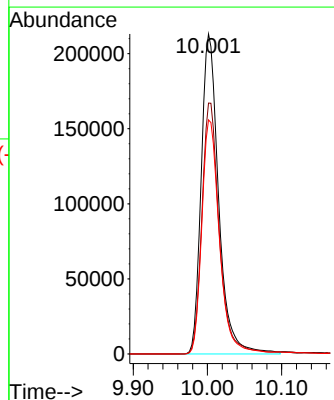
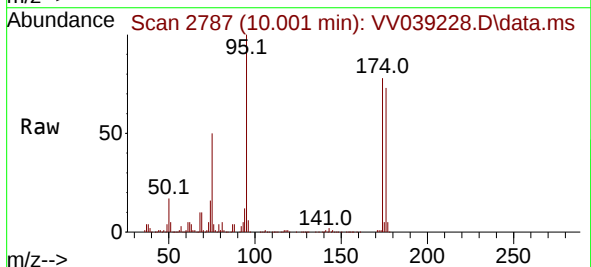
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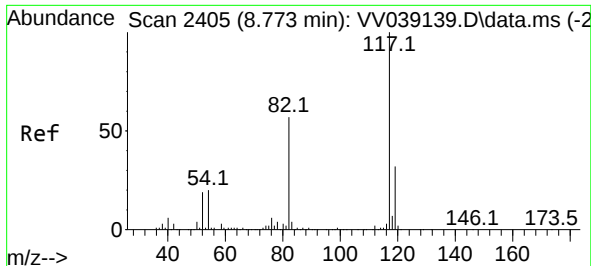
Tgt Ion: 98 Resp: 853418
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 44.912 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

Tgt Ion: 95 Resp: 347720
Ion Ratio Lower Upper
95 100
174 79.0 0.0 150.4
176 73.9 0.0 144.2

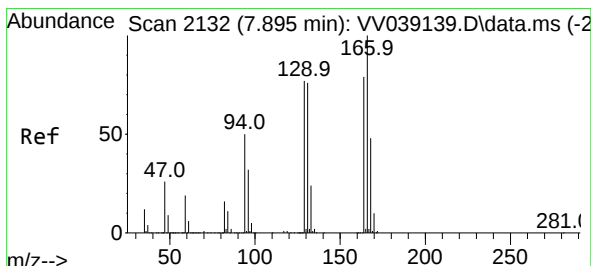
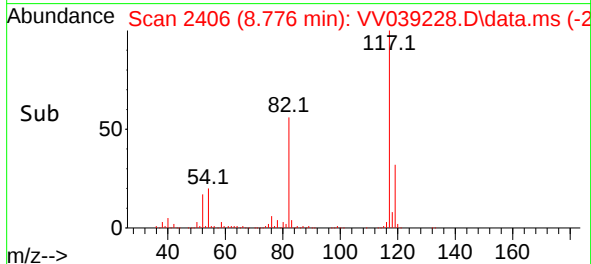
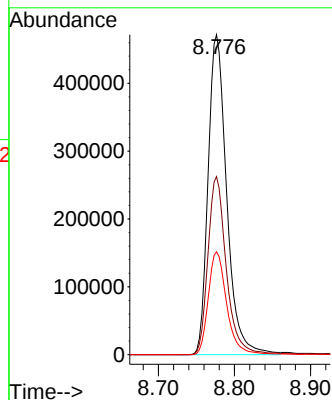
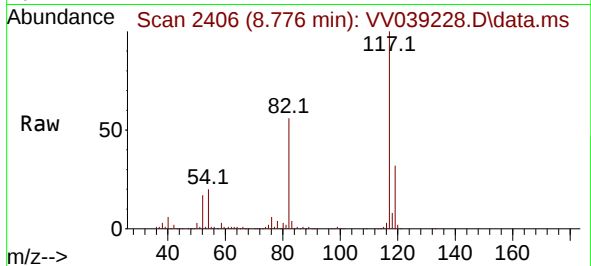




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

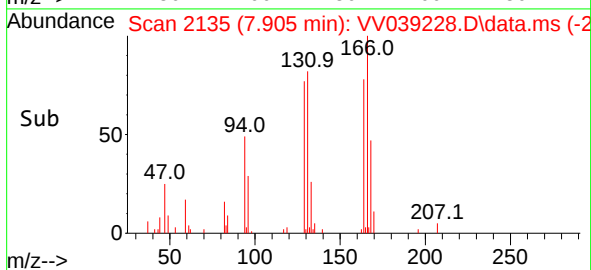
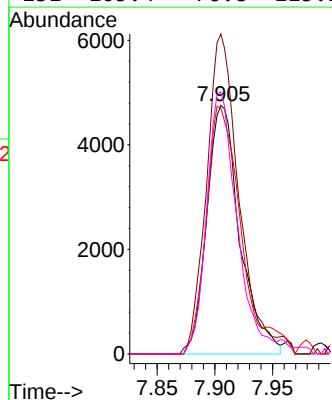
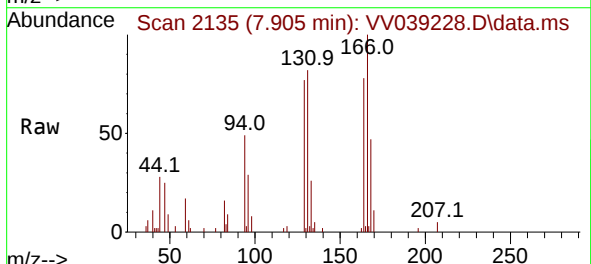
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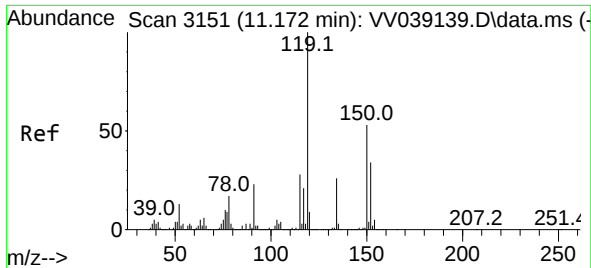
Tgt Ion:117 Resp: 800959
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 1.403 ug/l
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV039228.D
Acq: 29 Sep 2025 13:53

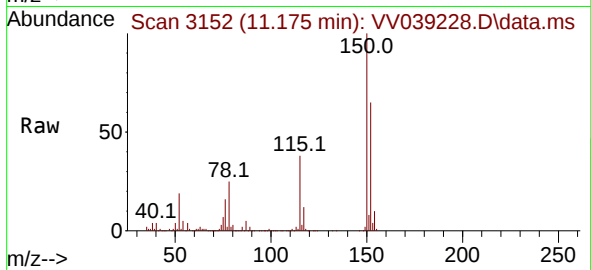
Tgt Ion:164 Resp: 9414
Ion Ratio Lower Upper
164 100
166 128.8 101.6 152.4
129 98.9 78.5 117.7
131 105.4 76.8 115.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039228.D
 Acq: 29 Sep 2025 13:53

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-33D-091725



Tgt Ion:	152	Resp:	398638
Ion	Ratio	Lower	Upper
152	100		
115	61.2	44.8	134.4
150	155.8	0.0	353.8

