

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039207.D
 Acq On : 26 Sep 2025 13:06
 Operator : SY/MD
 Sample : Q3195-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-3-091525

Quant Time: Sep 27 02:54:46 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)

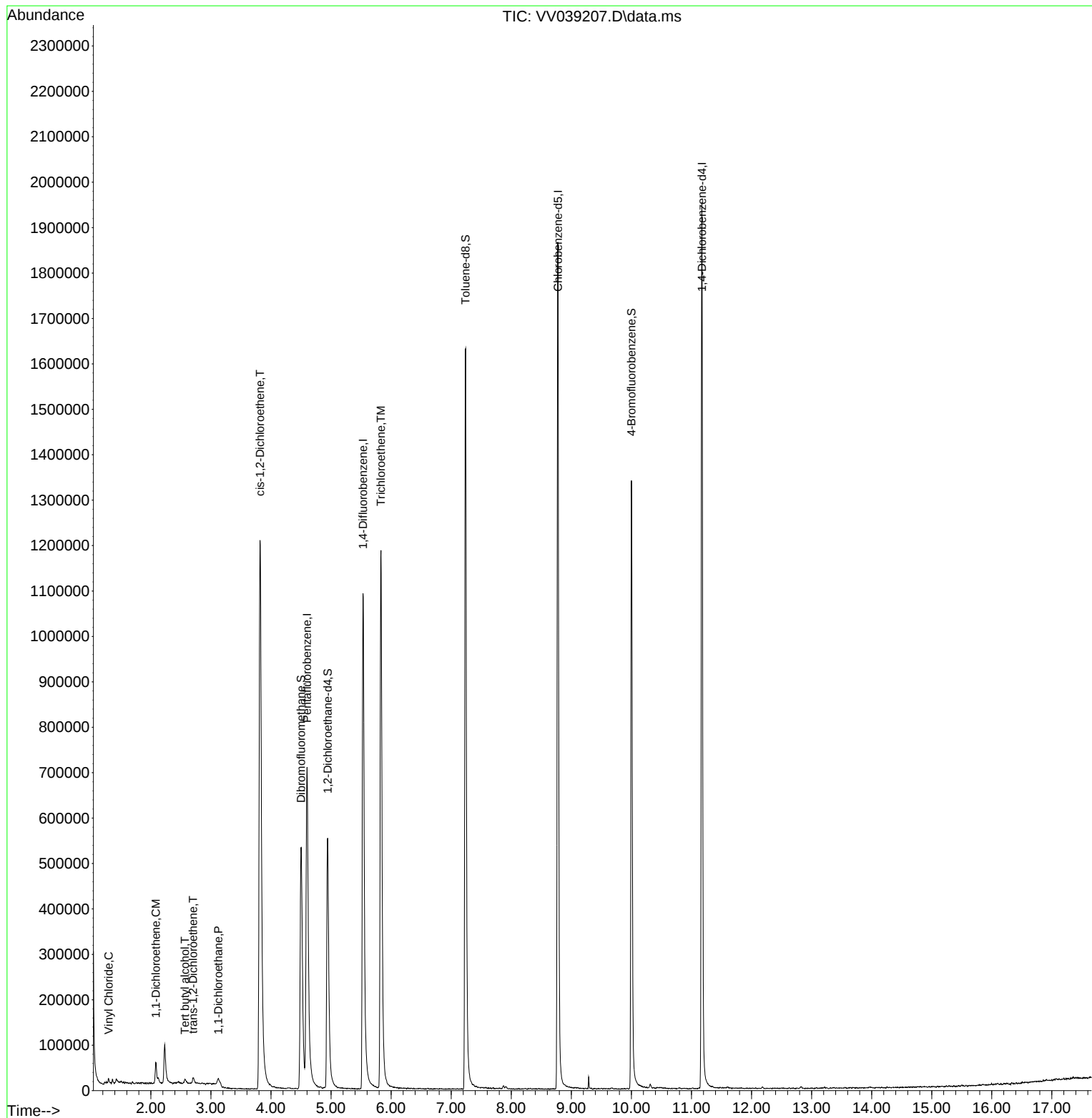
Internal Standards						
1) Pentafluorobenzene	4.600	168	599898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1062714	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	1062408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	512995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	489586	56.389	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 112.780%	
35) Dibromofluoromethane	4.503	113	452849	53.006	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 106.020%	
50) Toluene-d8	7.239	98	1175353	46.842	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 93.680%	
62) 4-Bromofluorobenzene	10.001	95	460084	44.540	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 89.080%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.298	62	7551	0.692	ug/l	95
11) Tert butyl alcohol	2.568	59	3877	2.113	ug/l #	91
12) 1,1-Dichloroethene	2.082	96	18071	1.998	ug/l	91
21) trans-1,2-Dichloroethene	2.703	96	5753	0.597	ug/l	96
24) 1,1-Dichloroethane	3.124	63	12888	0.682	ug/l #	94
27) cis-1,2-Dichloroethene	3.818	96	749183	70.547	ug/l	87
44) Trichloroethene	5.831	130	472103	48.641	ug/l	97

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

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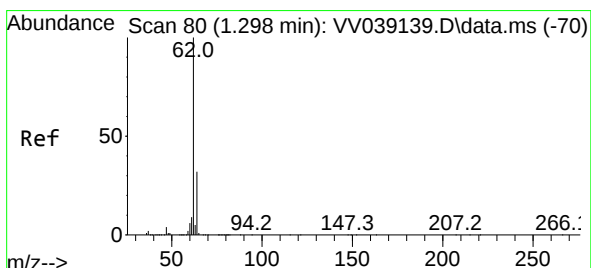
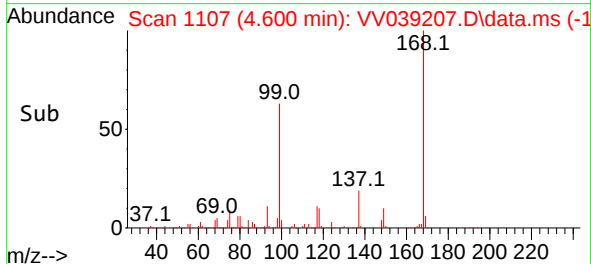
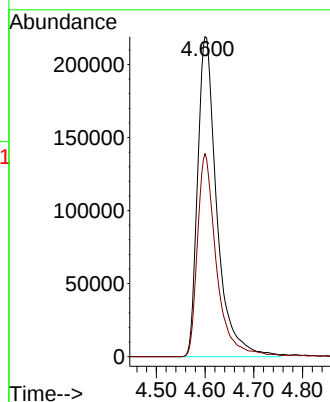
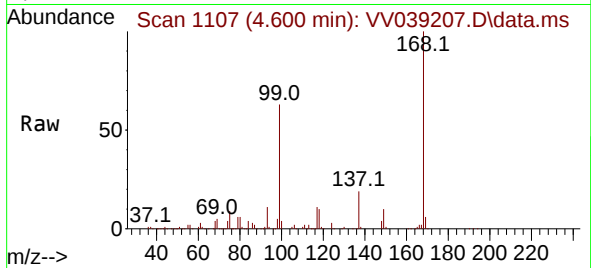




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

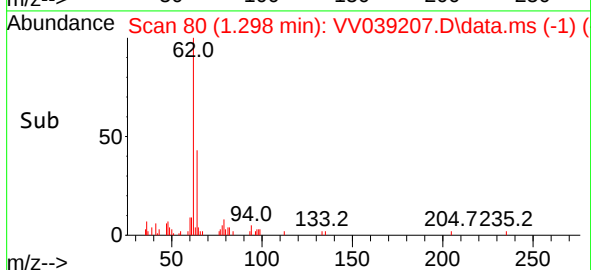
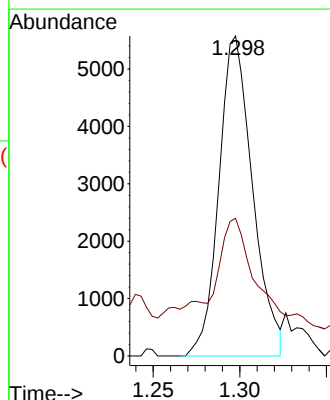
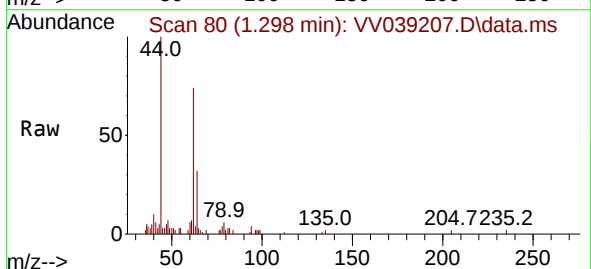
Instrument :
MSVOA_V
ClientSampleId :
MW-3-091525

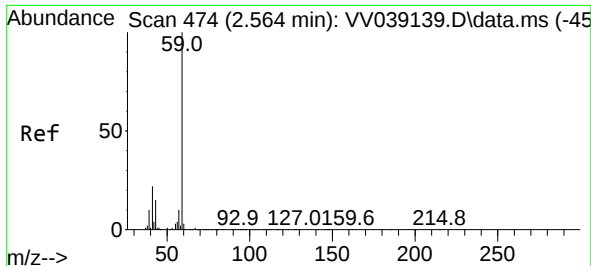
Tgt Ion:168 Resp: 599898
Ion Ratio Lower Upper
168 100
99 63.4 49.6 74.4



#4
Vinyl Chloride
Concen: 0.692 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

Tgt Ion: 62 Resp: 7551
Ion Ratio Lower Upper
62 100
64 29.2 25.6 38.4

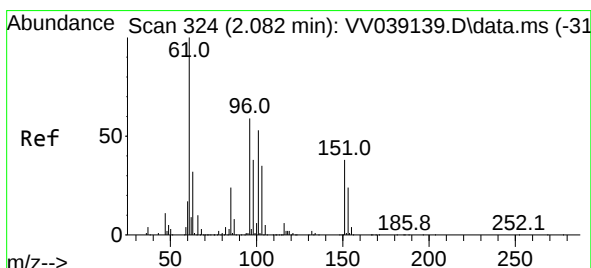
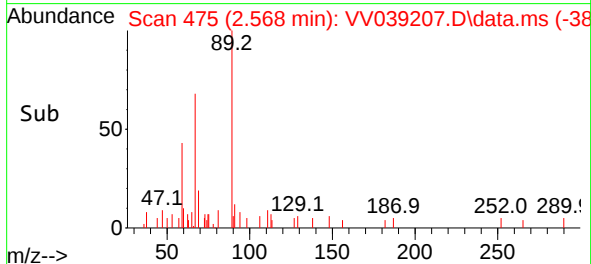
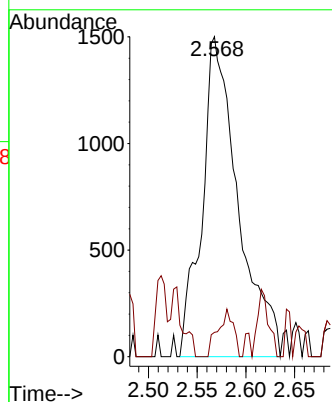
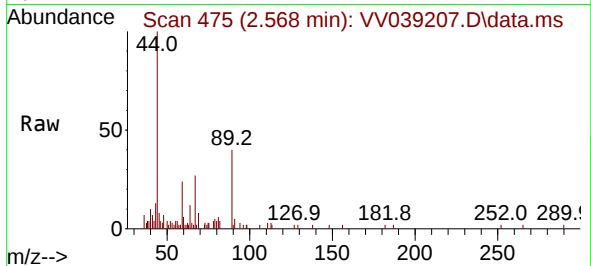




#11
Tert butyl alcohol
Concen: 2.113 ug/l
RT: 2.568 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

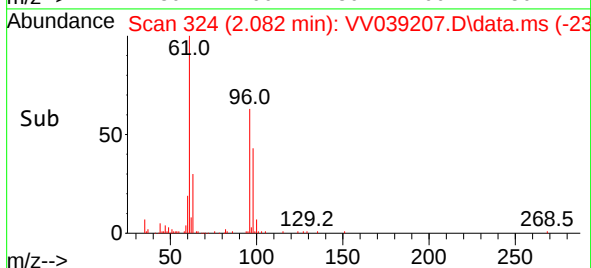
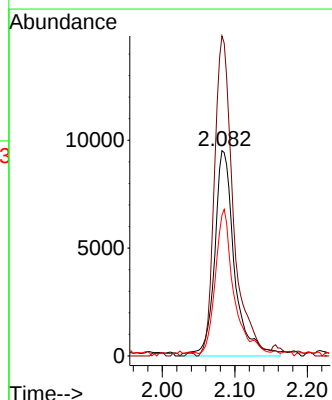
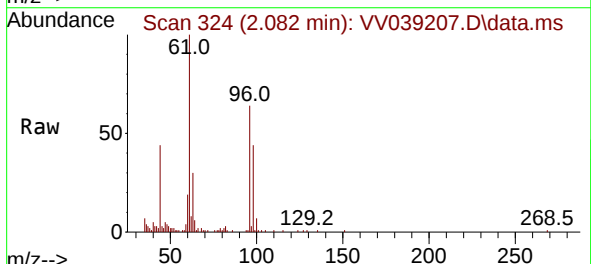
Instrument :
MSVOA_V
ClientSampleId :
MW-3-091525

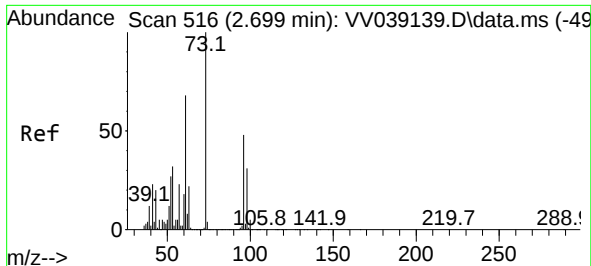
Tgt Ion: 59 Resp: 3877
Ion Ratio Lower Upper
59 100
57 6.3 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.998 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

Tgt Ion: 96 Resp: 18071
Ion Ratio Lower Upper
96 100
61 155.9 136.0 204.0
98 67.2 51.0 76.6

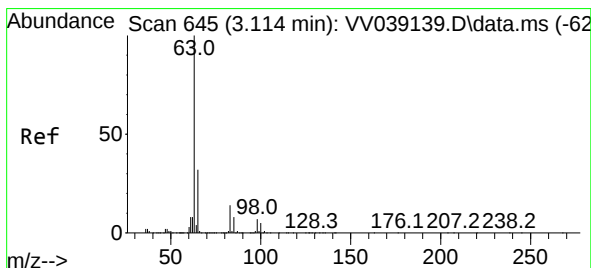
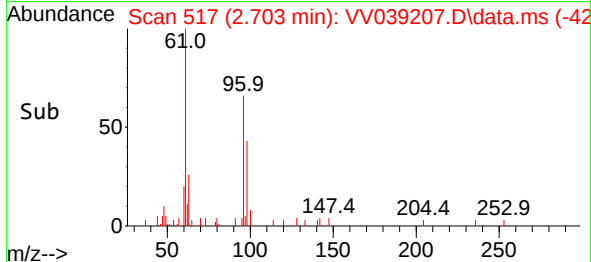
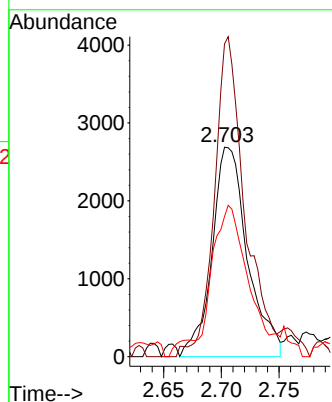
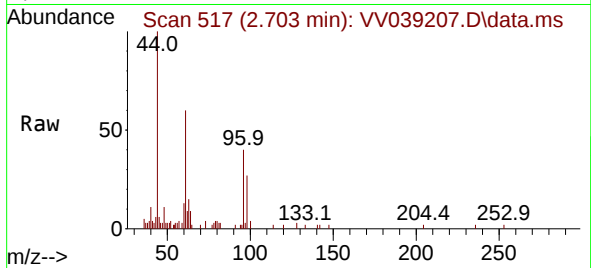




#21
trans-1,2-Dichloroethene
Concen: 0.597 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

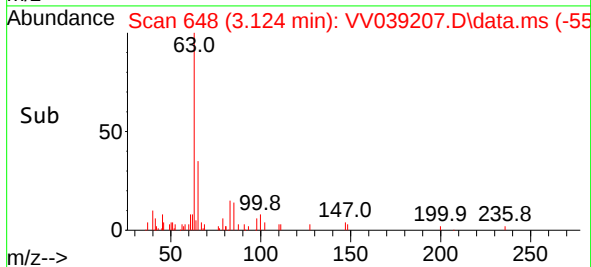
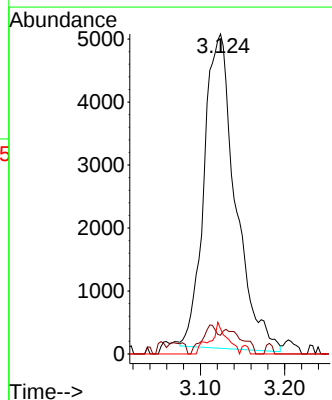
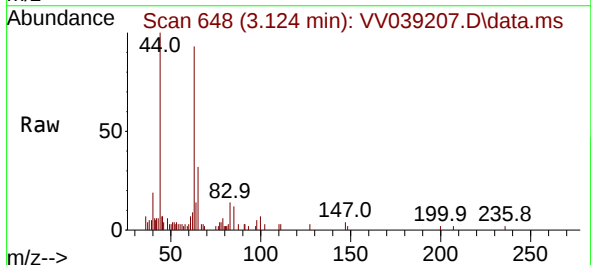
Instrument :
MSVOA_V
ClientSampleId :
MW-3-091525

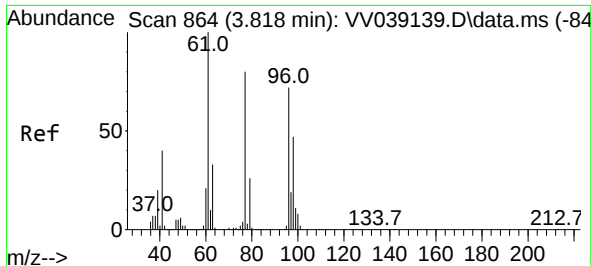
Tgt Ion: 96 Resp: 5753
Ion Ratio Lower Upper
96 100
61 144.5 112.8 169.2
98 59.7 51.1 76.7



#24
1,1-Dichloroethane
Concen: 0.682 ug/l
RT: 3.124 min Scan# 648
Delta R.T. 0.010 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

Tgt Ion: 63 Resp: 12888
Ion Ratio Lower Upper
63 100
98 6.0 3.4 10.2
100 8.1 2.2 6.6#



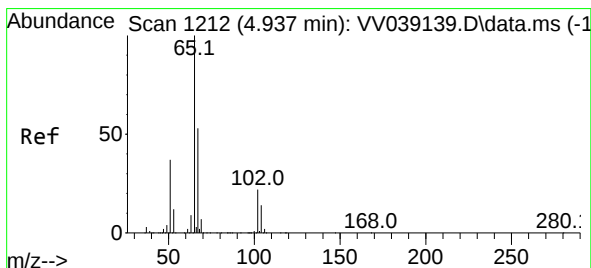
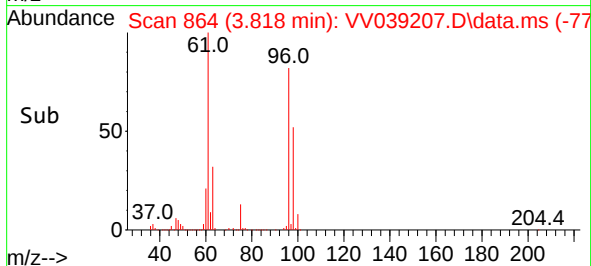
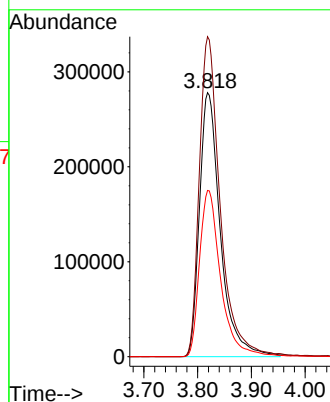
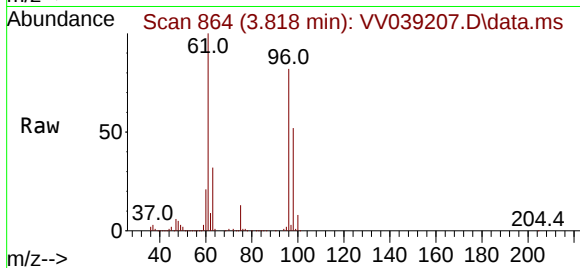


#27
 cis-1,2-Dichloroethene
 Concen: 70.547 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV039207.D
 Acq: 26 Sep 2025 13:06

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-3-091525

Tgt Ion: 96 Resp: 749183

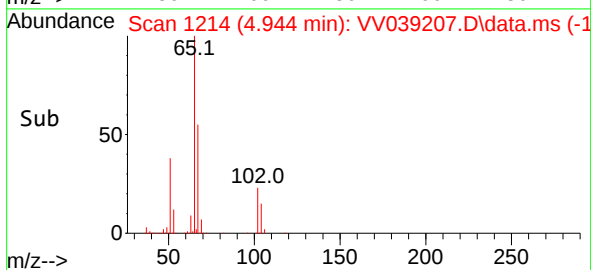
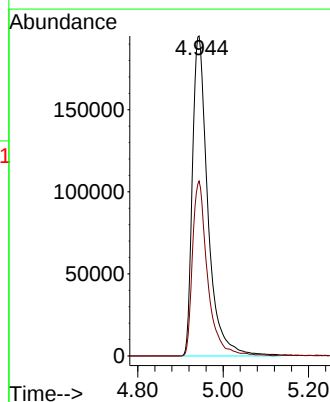
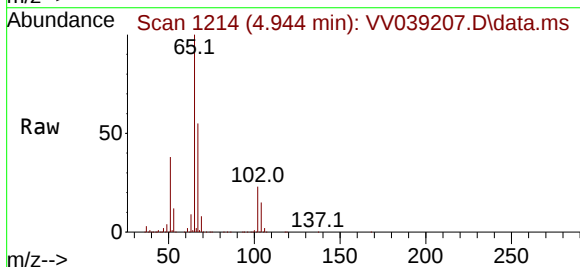
Ion	Ratio	Lower	Upper
96	100		
61	121.2	0.0	286.4
98	63.9	0.0	126.6

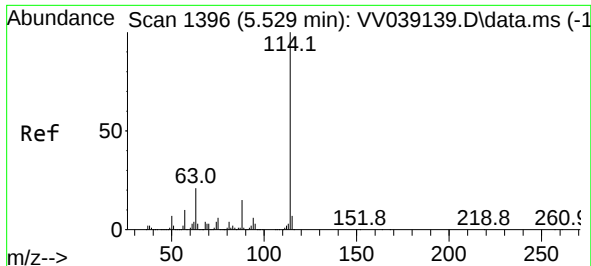


#33
 1,2-Dichloroethane-d4
 Concen: 56.389 ug/l
 RT: 4.944 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VV039207.D
 Acq: 26 Sep 2025 13:06

Tgt Ion: 65 Resp: 489586

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.0

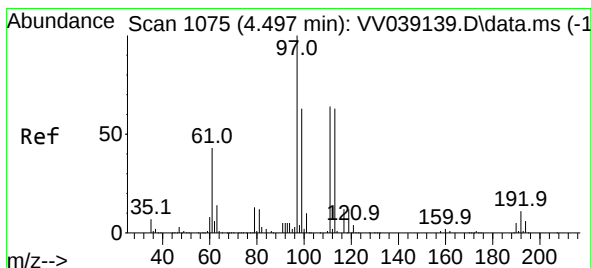
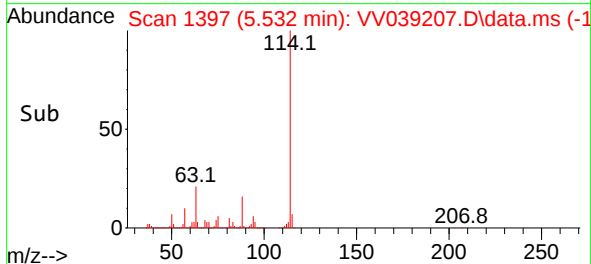
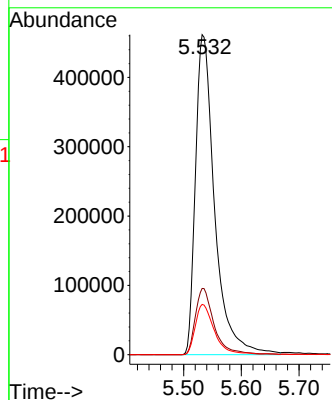
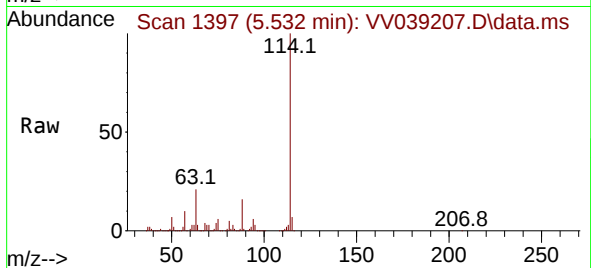




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

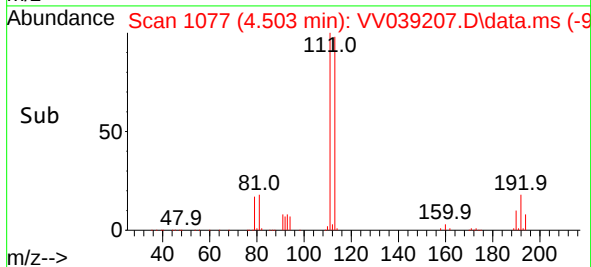
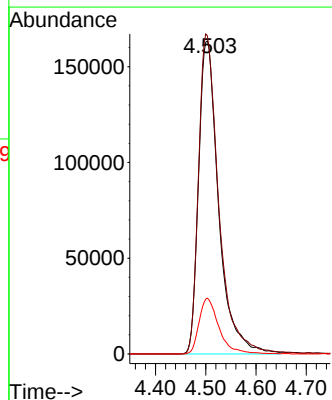
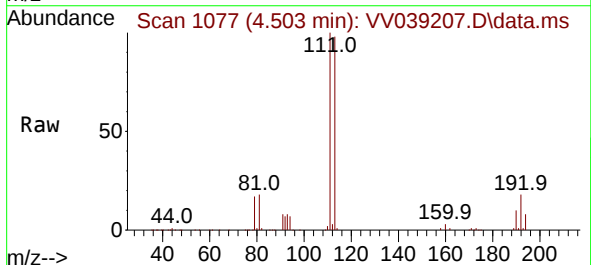
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ClientSampleId :
MW-3-091525

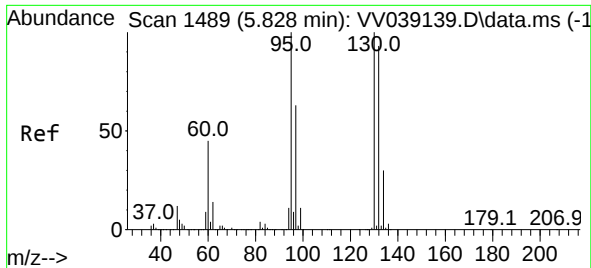
Tgt Ion:114 Resp: 1062714
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.006 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

Tgt Ion:113 Resp: 452849
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 17.6 13.8 20.8

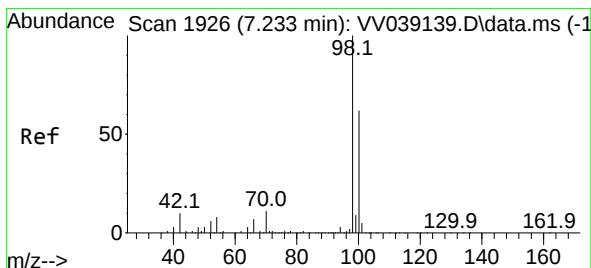
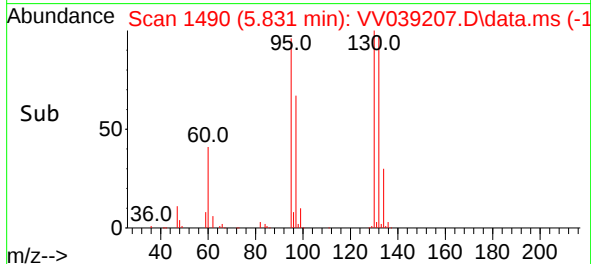
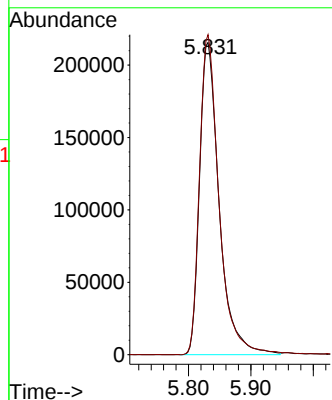
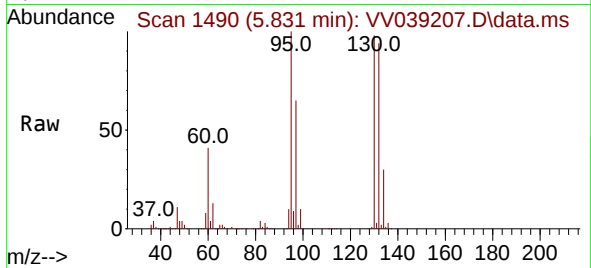




#44
 Trichloroethene
 Concen: 48.641 ug/l
 RT: 5.831 min Scan# 1489
 Delta R.T. 0.003 min
 Lab File: VV039207.D
 Acq: 26 Sep 2025 13:06

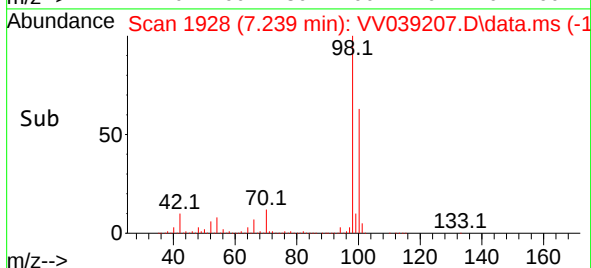
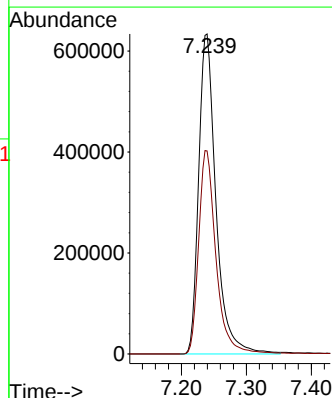
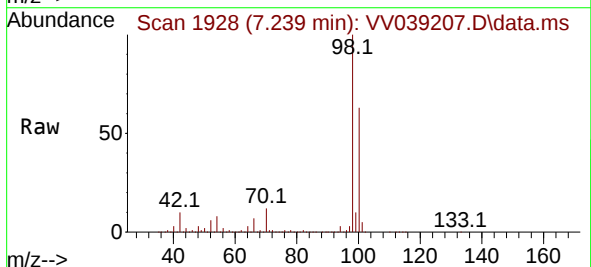
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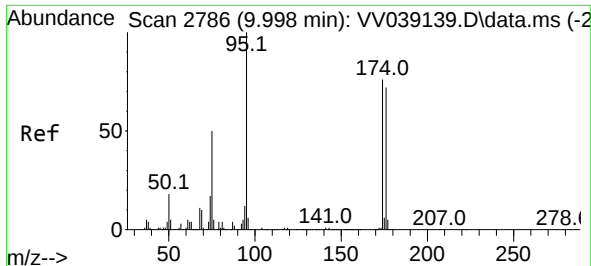
Tgt Ion:130 Resp: 472103
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 199.2



#50
 Toluene-d8
 Concen: 46.842 ug/l
 RT: 7.239 min Scan# 1928
 Delta R.T. 0.006 min
 Lab File: VV039207.D
 Acq: 26 Sep 2025 13:06

Tgt Ion: 98 Resp: 1175353
 Ion Ratio Lower Upper
 98 100
 100 63.7 52.2 78.2

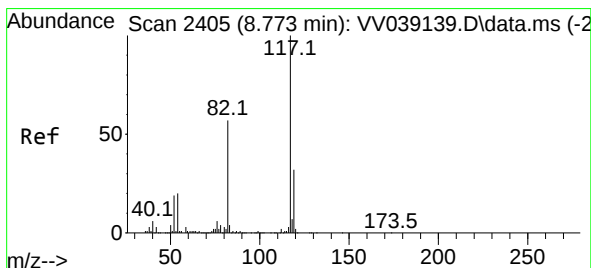
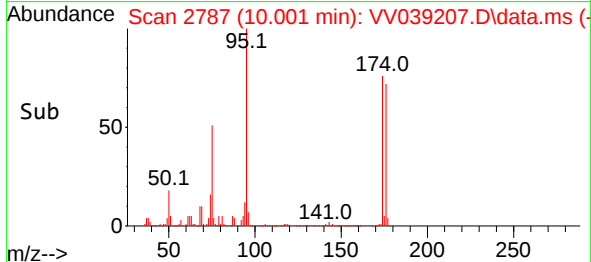
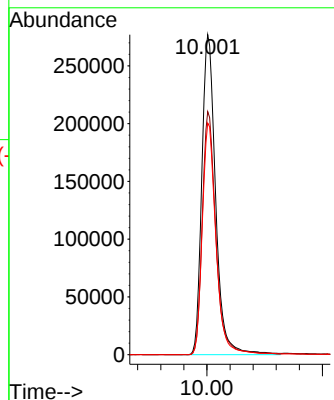
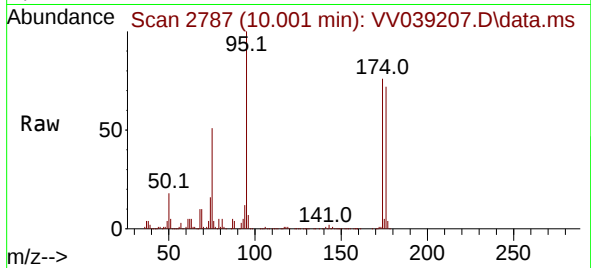




#62
4-Bromofluorobenzene
Concen: 44.540 ug/l
RT: 10.001 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

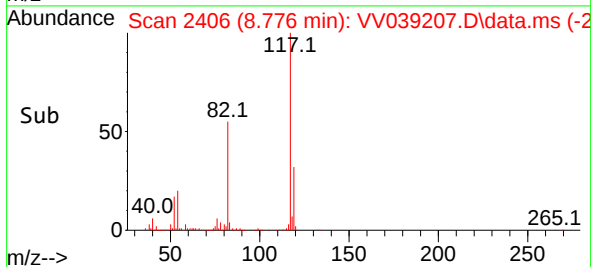
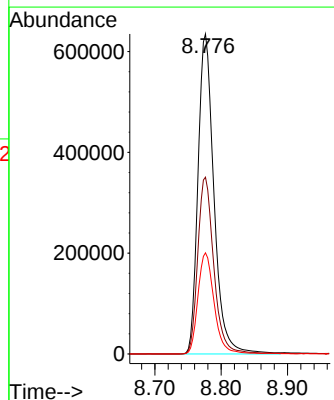
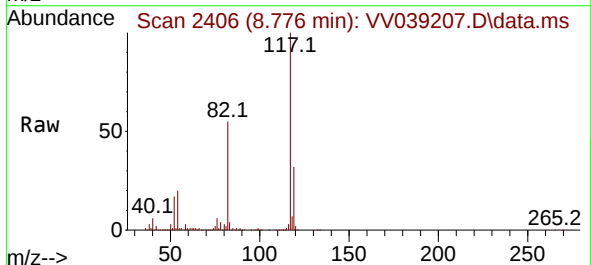
Instrument :
MSVOA_V
ClientSampleId :
MW-3-091525

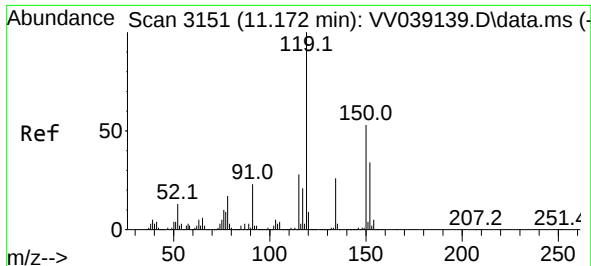
Tgt Ion: 95 Resp: 460084
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 71.7 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039207.D
Acq: 26 Sep 2025 13:06

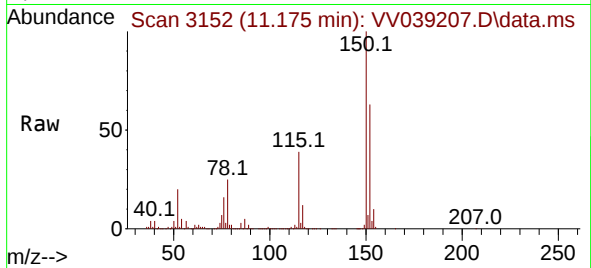
Tgt Ion: 117 Resp: 1062408
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.175 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV039207.D
 Acq: 26 Sep 2025 13:06

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-3-091525



Tgt Ion:	152	Resp:	512995
Ion	Ratio	Lower	Upper
152	100		
115	61.4	44.8	134.4
150	159.0	0.0	353.8

