

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039206.D
 Acq On : 26 Sep 2025 12:43
 Operator : SY/MD
 Sample : Q3195-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MOS-18-092225

Quant Time: Sep 27 02:54:12 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)

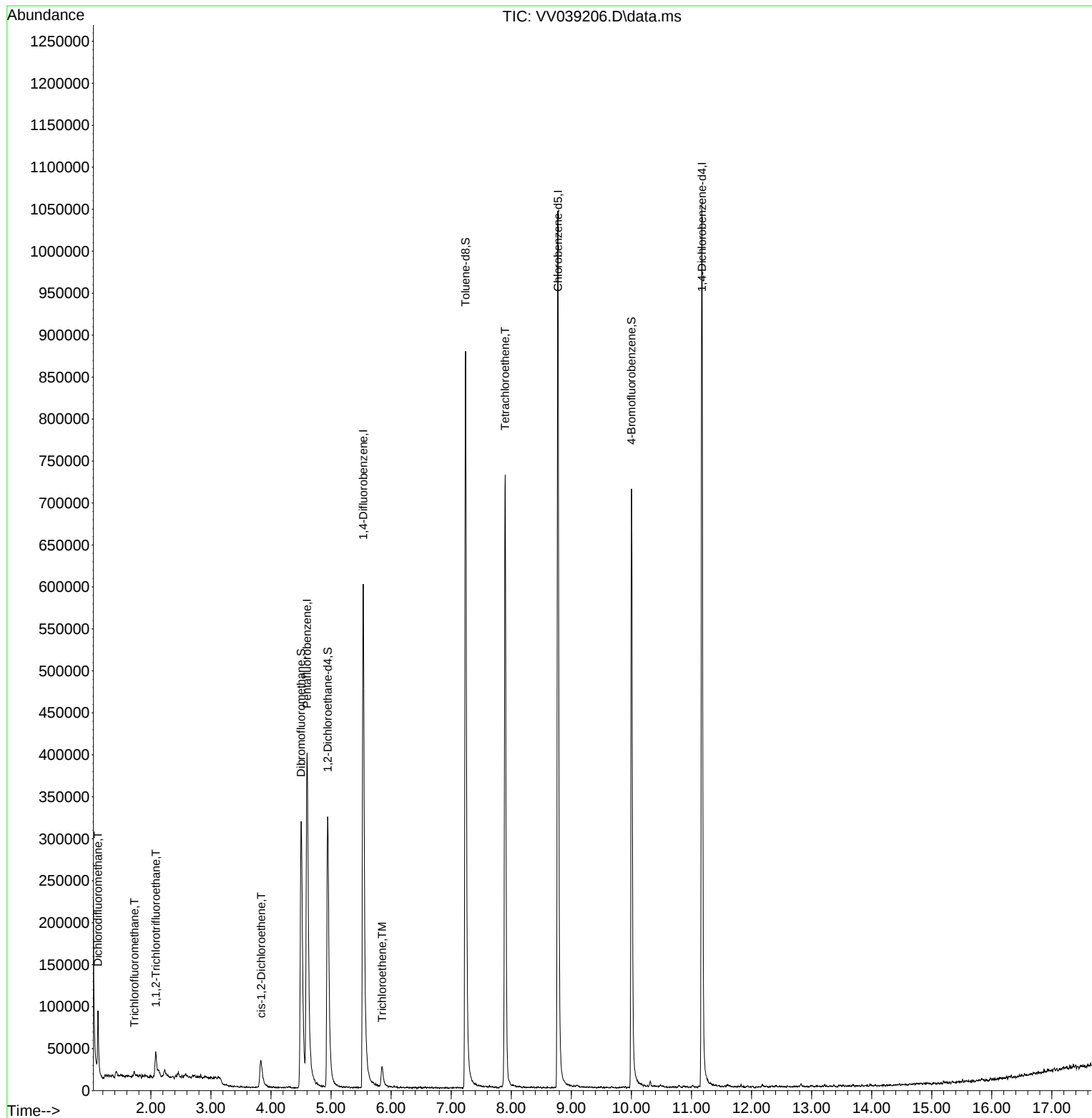
Internal Standards						
1) Pentafluorobenzene	4.600	168	335184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	584917	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	609610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	284053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	289205	59.616	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 119.240%#	
35) Dibromofluoromethane	4.503	113	273170	58.093	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 116.180%	
50) Toluene-d8	7.240	98	651040	47.141	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 94.280%	
62) 4-Bromofluorobenzene	10.002	95	249742	43.927	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 87.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	51494	9.705	ug/l	99
7) Trichlorofluoromethane	1.725	101	4326	0.490	ug/l #	71
9) 1,1,2-Trichlorotrifluo...	2.082	101	12904	2.456	ug/l	92
27) cis-1,2-Dichloroethene	3.838	96	16894	2.847	ug/l	90
44) Trichloroethene	5.851	130	11568	2.165	ug/l	80
64) Tetrachloroethene	7.899	164	166907	32.688	ug/l	99

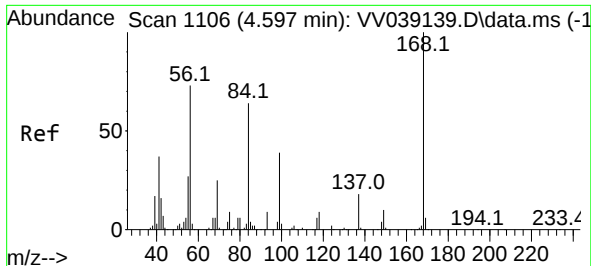
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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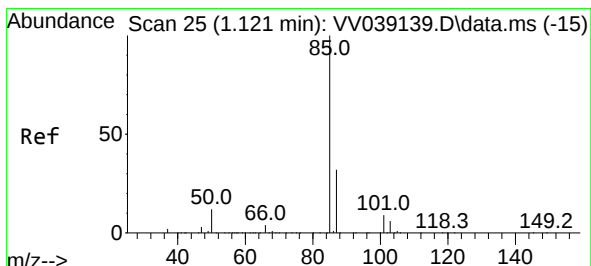
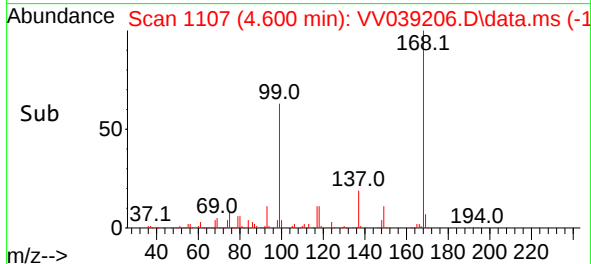
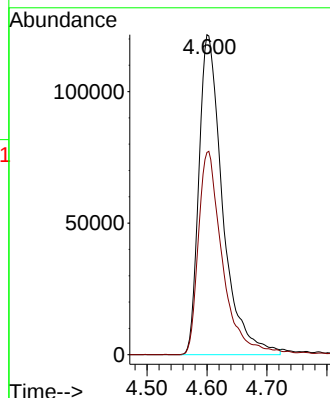
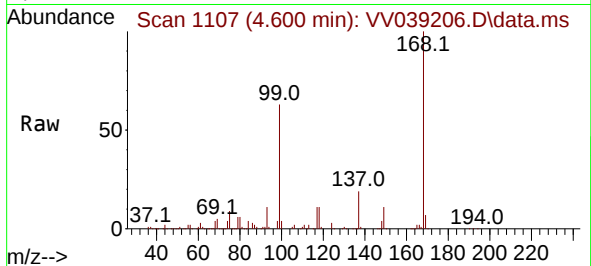




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

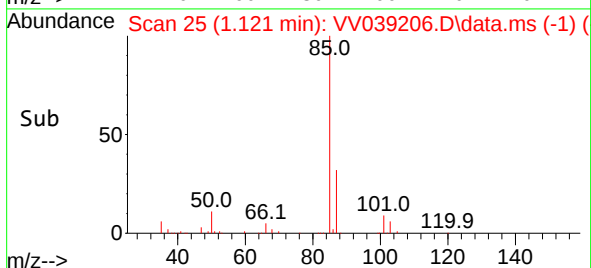
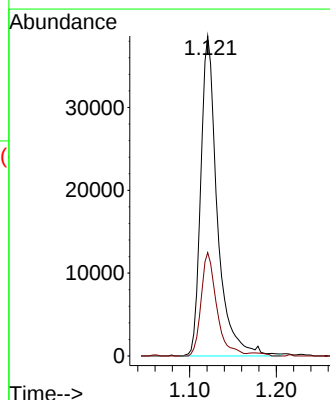
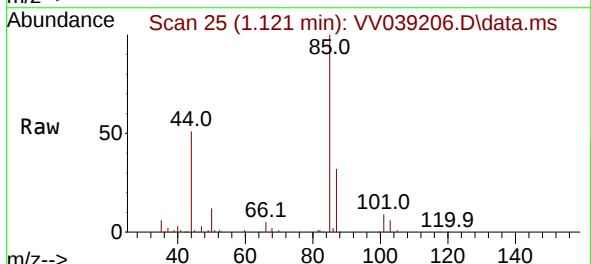
Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

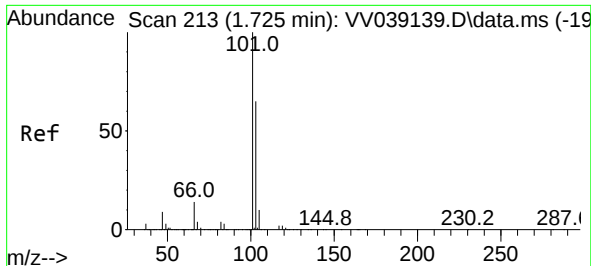
Tgt Ion:168 Resp: 335184
Ion Ratio Lower Upper
168 100
99 63.2 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 9.705 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 85 Resp: 51494
Ion Ratio Lower Upper
85 100
87 32.3 16.0 47.9

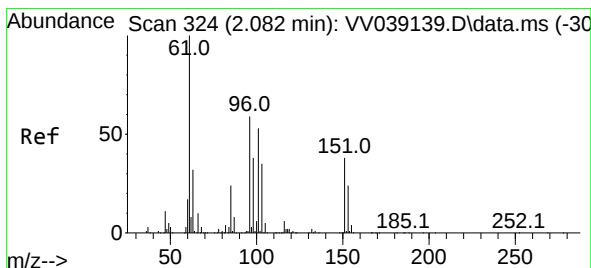
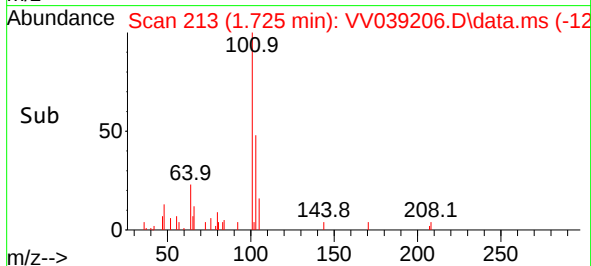
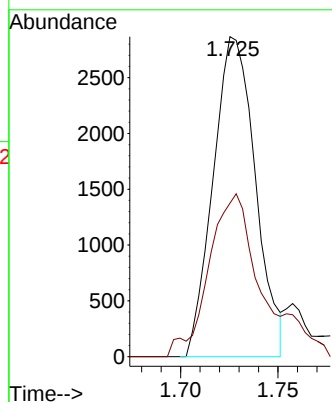
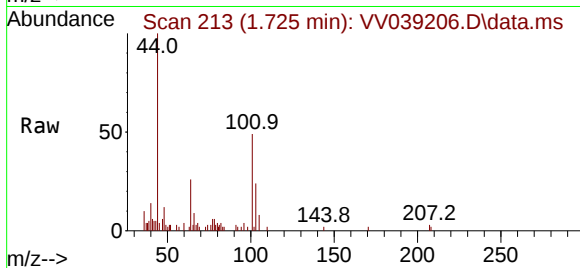




#7
 Trichlorofluoromethane
 Concen: 0.490 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039206.D
 Acq: 26 Sep 2025 12:43

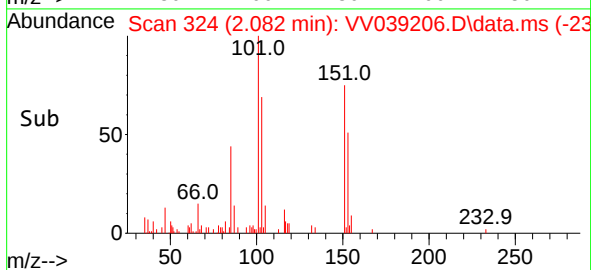
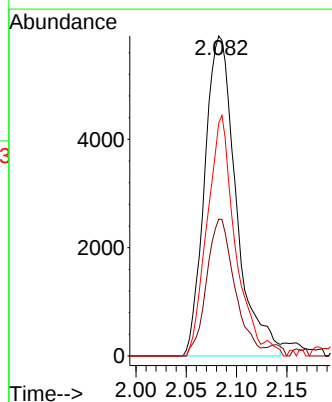
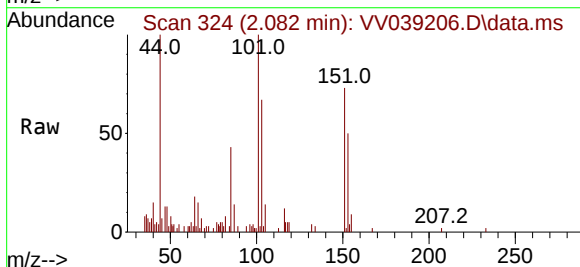
Instrument :
 MSVOA_V
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 MOS-18-092225

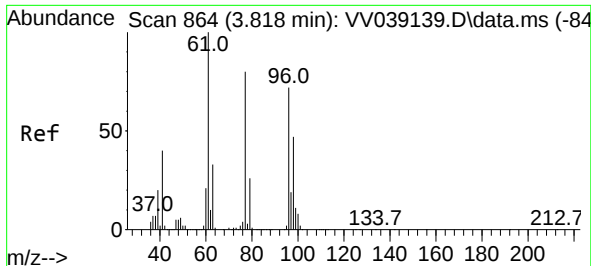
Tgt Ion:101 Resp: 4326
 Ion Ratio Lower Upper
 101 100
 103 42.1 52.0 78.0#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.456 ug/l
 RT: 2.082 min Scan# 324
 Delta R.T. 0.000 min
 Lab File: VV039206.D
 Acq: 26 Sep 2025 12:43

Tgt Ion:101 Resp: 12904
 Ion Ratio Lower Upper
 101 100
 85 38.4 36.2 54.2
 151 65.7 56.3 84.5

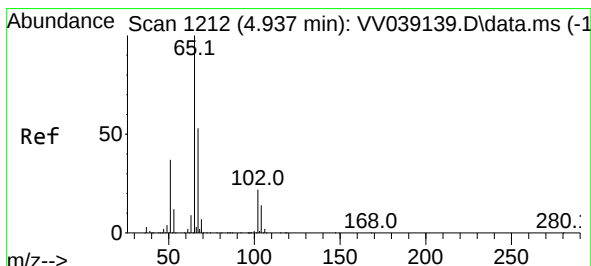
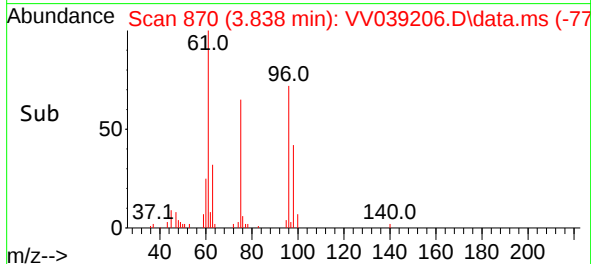
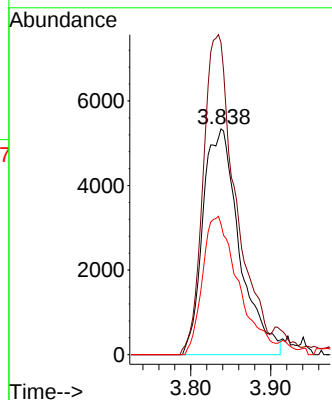
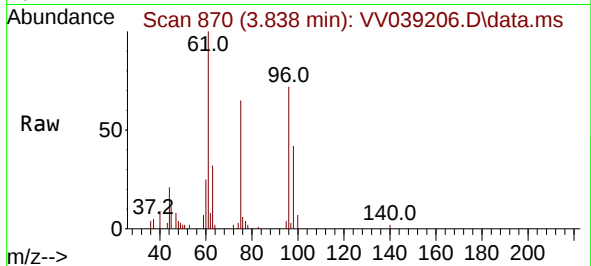




#27
 cis-1,2-Dichloroethene
 Concen: 2.847 ug/l
 RT: 3.838 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VV039206.D
 Acq: 26 Sep 2025 12:43

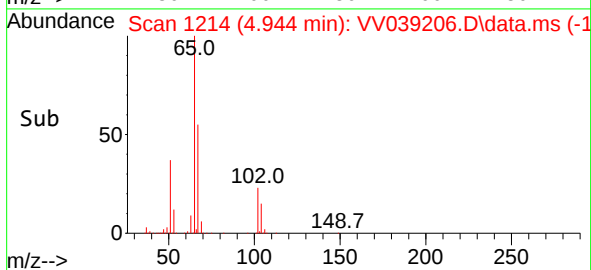
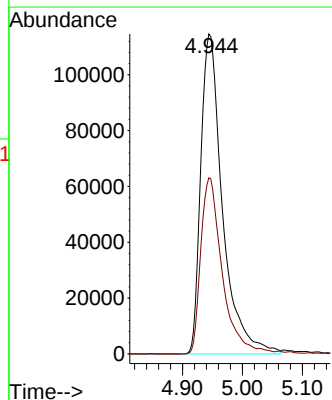
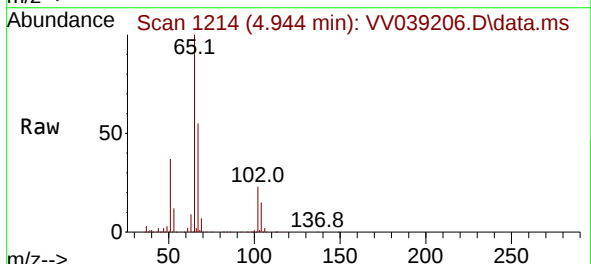
Instrument :
 MSVOA_V
 ClientSampleId :
 MOS-18-092225

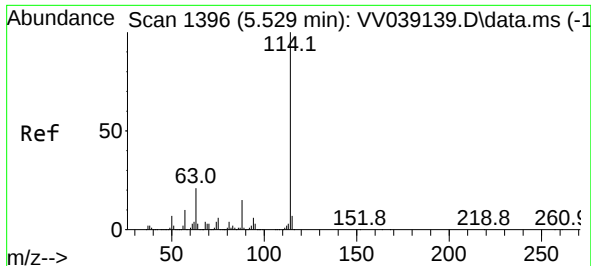
Tgt Ion: 96 Resp: 16894
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 286.4
 98 60.9 0.0 126.6



#33
 1,2-Dichloroethane-d4
 Concen: 59.616 ug/l
 RT: 4.944 min Scan# 1214
 Delta R.T. 0.007 min
 Lab File: VV039206.D
 Acq: 26 Sep 2025 12:43

Tgt Ion: 65 Resp: 289205
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039206.D

Acq: 26 Sep 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

MOS-18-092225

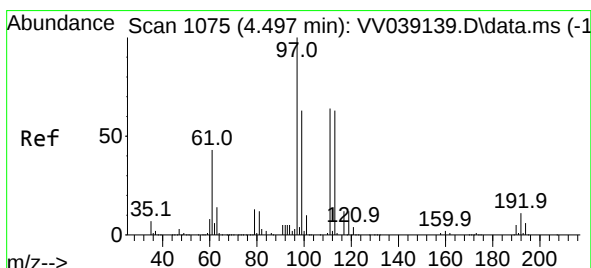
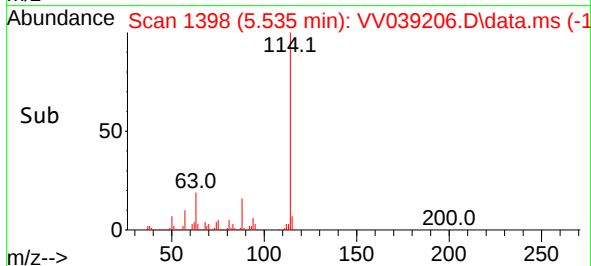
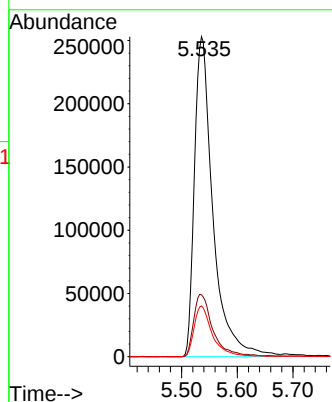
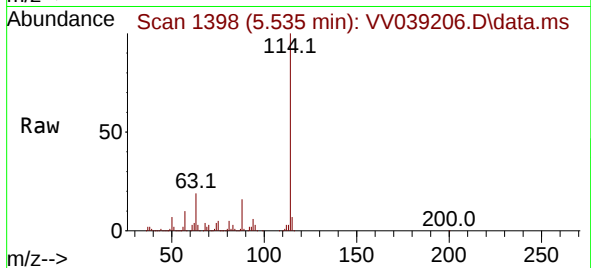
Tgt Ion:114 Resp: 584917

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 15.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 58.093 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.007 min

Lab File: VV039206.D

Acq: 26 Sep 2025 12:43

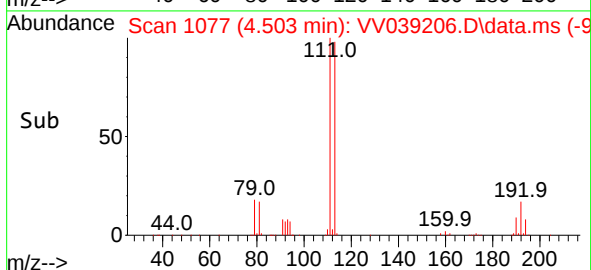
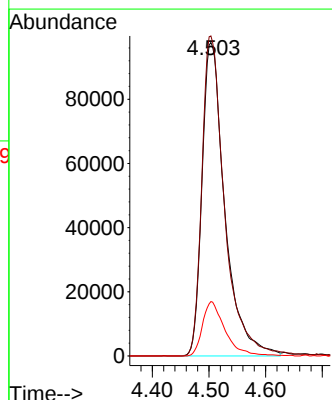
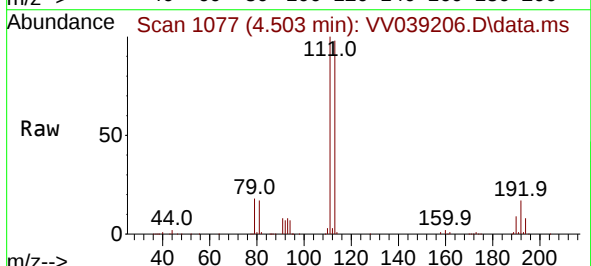
Tgt Ion:113 Resp: 273170

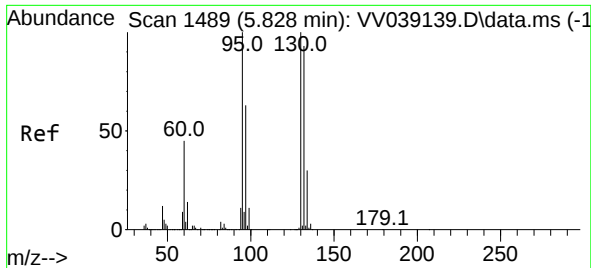
Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 17.1 13.8 20.8





#44

Trichloroethene

Concen: 2.165 ug/l

RT: 5.851 min Scan# 1489

Delta R.T. 0.023 min

Lab File: VV039206.D

Acq: 26 Sep 2025 12:43

Instrument :

MSVOA_V

ClientSampleId :

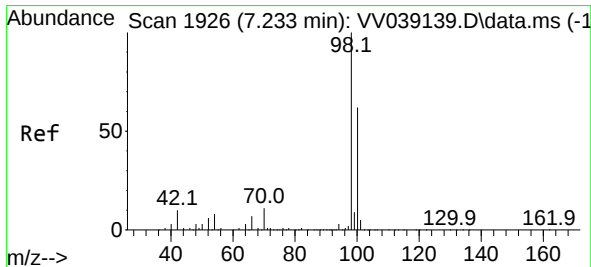
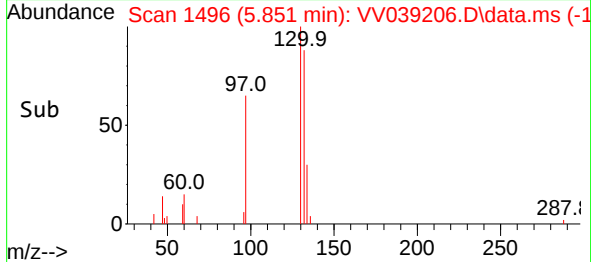
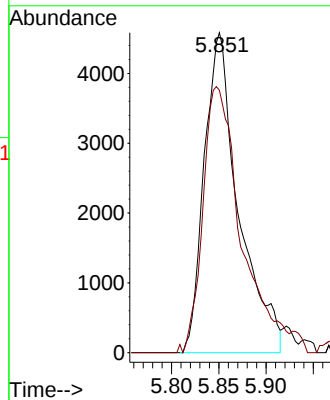
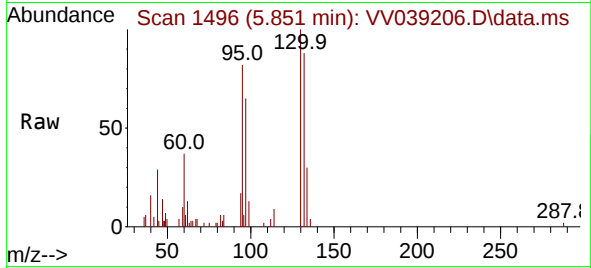
MOS-18-092225

Tgt Ion:130 Resp: 11568

Ion Ratio Lower Upper

130 100

95 79.5 0.0 199.2



#50

Toluene-d8

Concen: 47.141 ug/l

RT: 7.240 min Scan# 1928

Delta R.T. 0.007 min

Lab File: VV039206.D

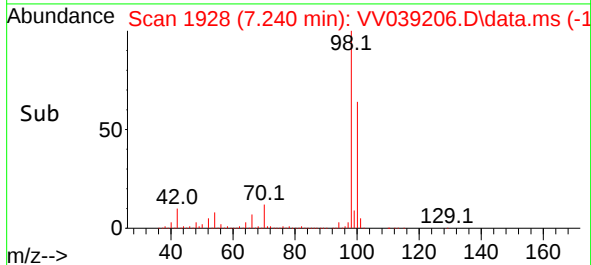
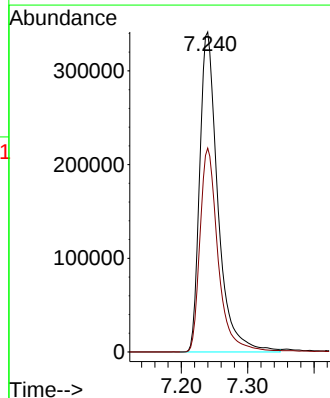
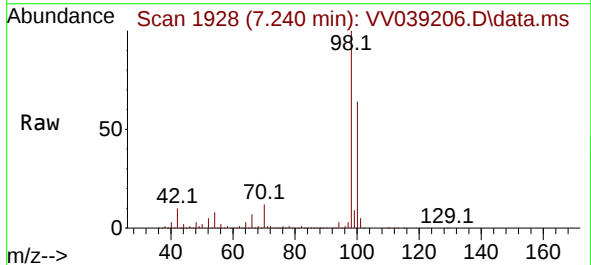
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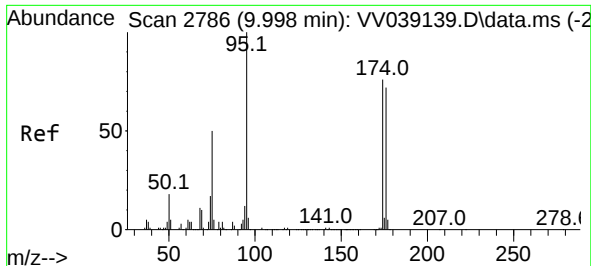
Tgt Ion: 98 Resp: 651040

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.2

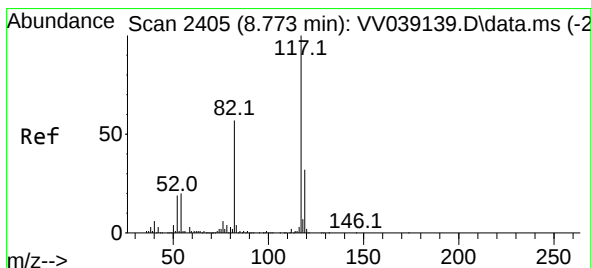
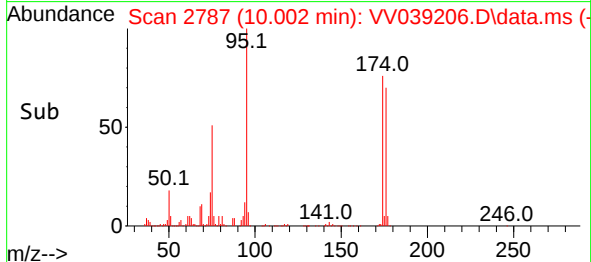
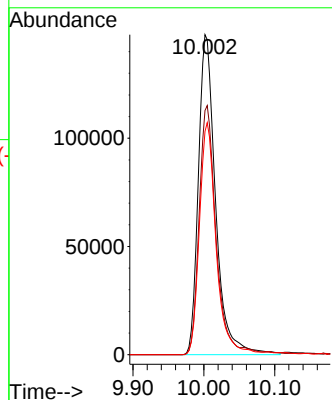
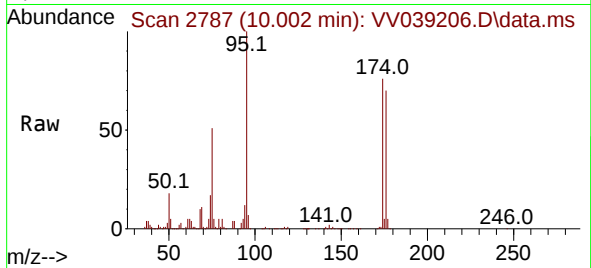




#62
4-Bromofluorobenzene
Concen: 43.927 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

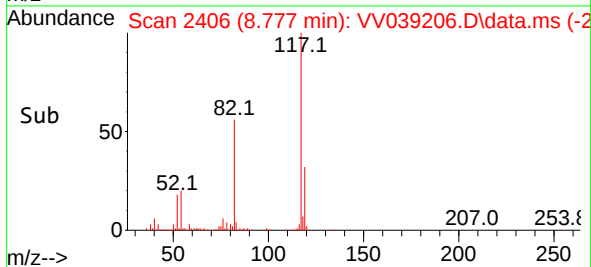
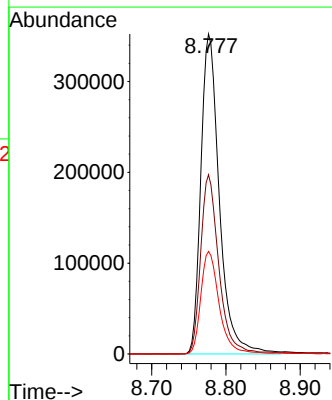
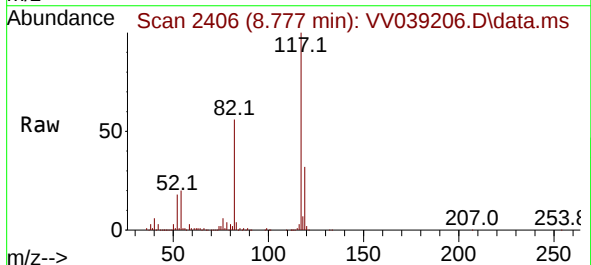
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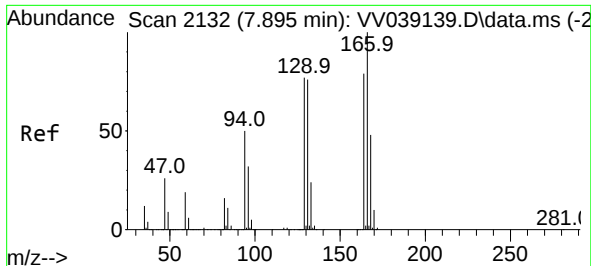
Tgt Ion: 95 Resp: 249742
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.4
176 70.3 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.777 min Scan# 2406
Delta R.T. 0.004 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion: 117 Resp: 609610
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 32.1 25.6 38.4

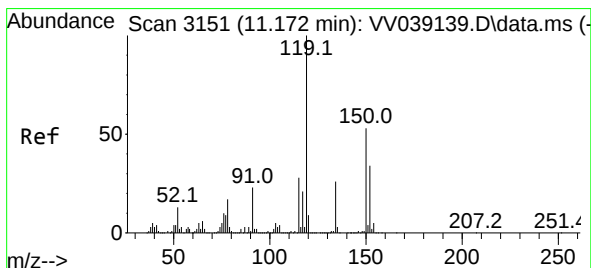
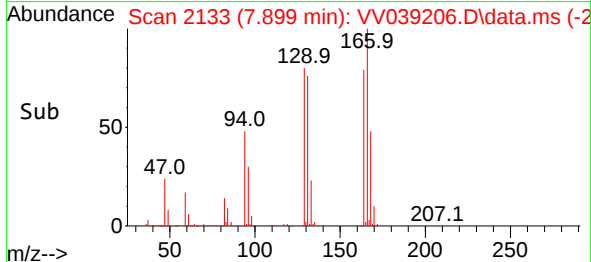
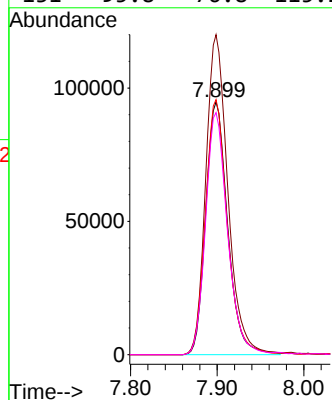
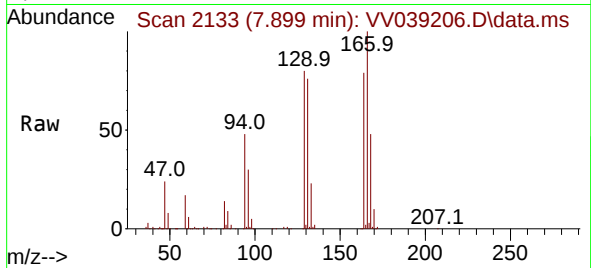




#64
Tetrachloroethene
Concen: 32.688 ug/l
RT: 7.899 min Scan# 2132
Delta R.T. 0.003 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Instrument :
MSVOA_V
ClientSampleId :
MOS-18-092225

Tgt Ion:164 Resp: 166907
Ion Ratio Lower Upper
164 100
166 126.6 101.6 152.4
129 100.9 78.5 117.7
131 95.8 76.8 115.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.175 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV039206.D
Acq: 26 Sep 2025 12:43

Tgt Ion:152 Resp: 284053
Ion Ratio Lower Upper
152 100
115 61.8 44.8 134.4
150 158.2 0.0 353.8

