

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091125\
 Data File : VY023337.D
 Acq On : 11 Sep 2025 09:38
 Operator : SY/MD
 Sample : VY0911SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBL01

Quant Time: Sep 12 01:22:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090825S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 10 01:44:33 2025
 Response via : Initial Calibration

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

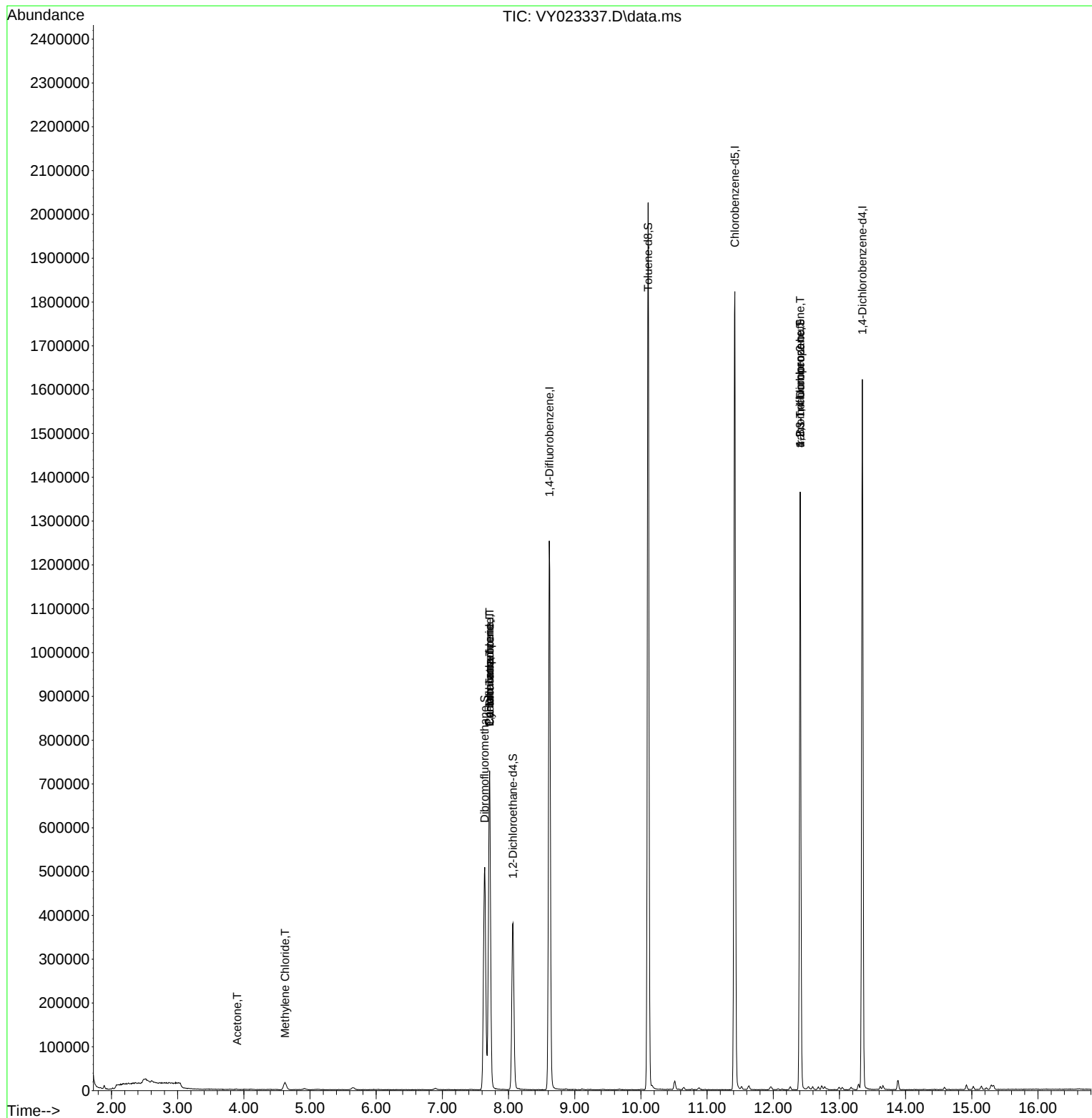
Internal Standards						
1) Pentafluorobenzene	7.713	168	581656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1110395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1024625	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	423251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	301920	59.071	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.140%	
35) Dibromofluoromethane	7.640	113	364929	53.765	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.540%	
50) Toluene-d8	10.109	98	1322232	51.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.408	95	392745	48.694	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.380%	
Target Compounds						Qvalue
16) Acetone	3.897	43	1216	1.044	ug/l #	65
20) Methylene Chloride	4.622	84	12385	1.988	ug/l	92
31) Cyclohexane	7.713	56	11136	1.245	ug/l #	1
36) 1,1-Dichloropropene	7.713	75	39589	4.095	ug/l #	49
38) Carbon Tetrachloride	7.713	117	55355	4.976	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	197762	46.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	197762	125.826	ug/l #	14

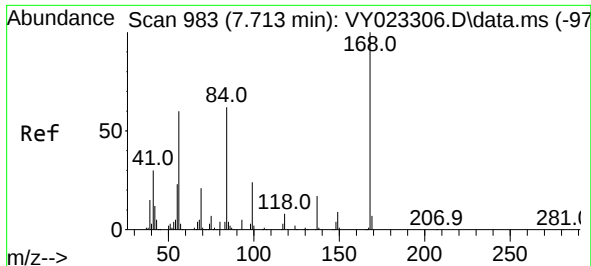
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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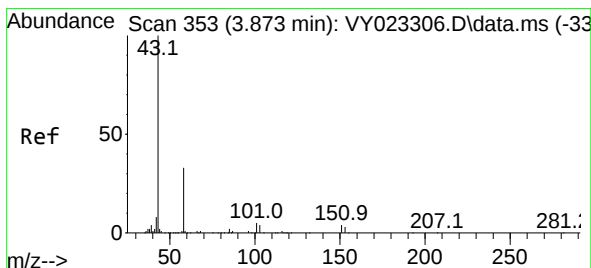
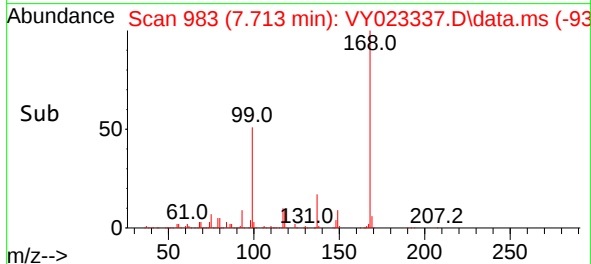
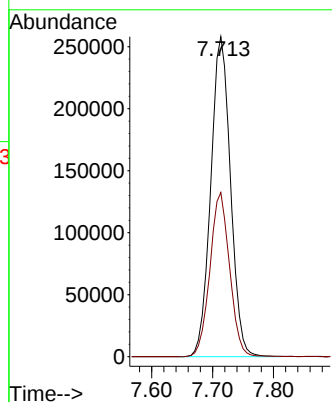
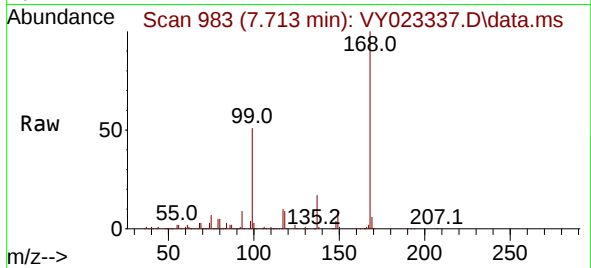




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

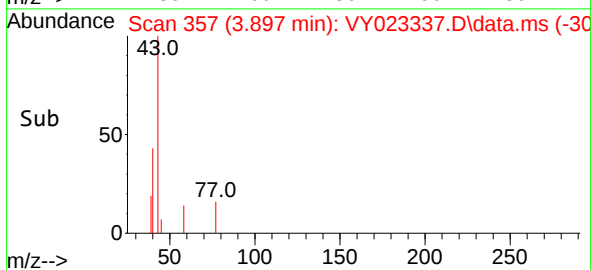
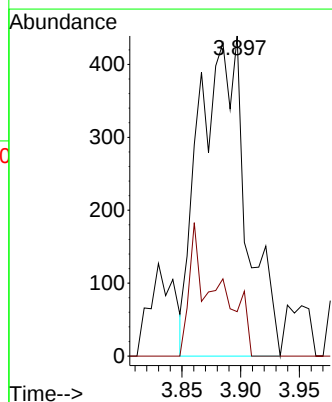
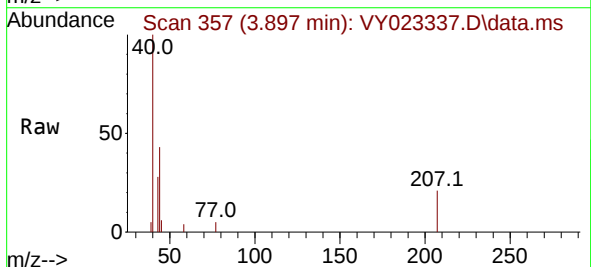
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBL01

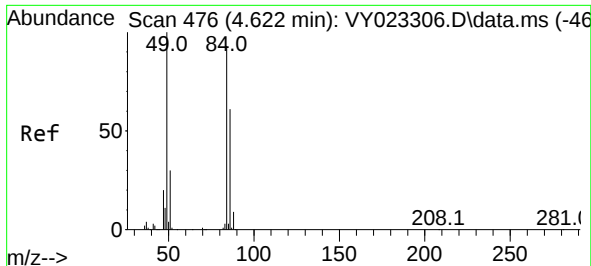
Tgt Ion:168 Resp: 581656
Ion Ratio Lower Upper
168 100
99 51.3 42.8 64.2



#16
Acetone
Concen: 1.044 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.037 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
58 13.9 27.1 40.7#

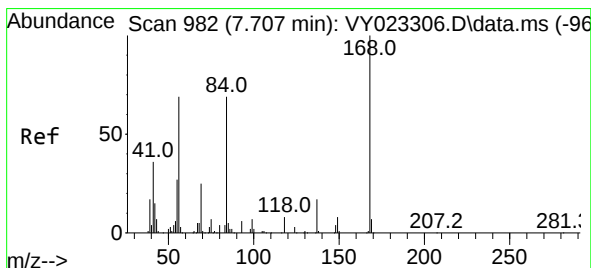
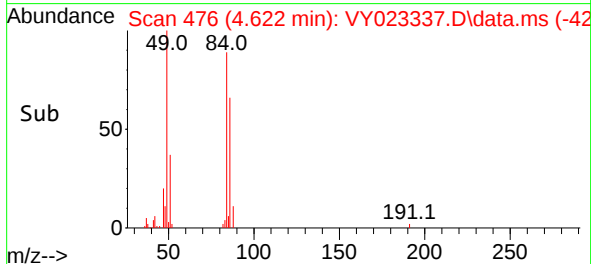
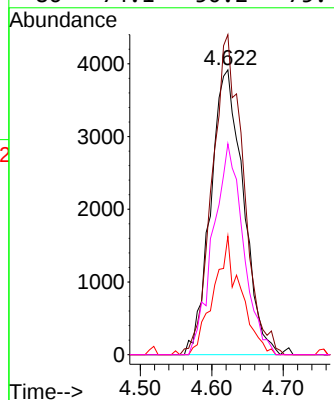
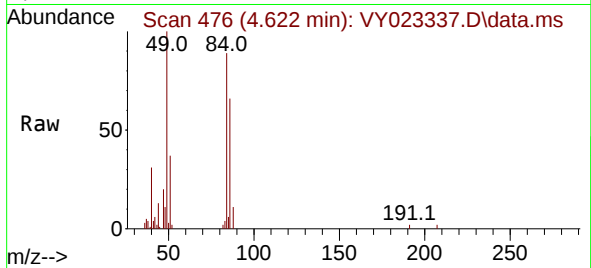




#20
Methylene Chloride
Concen: 1.988 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

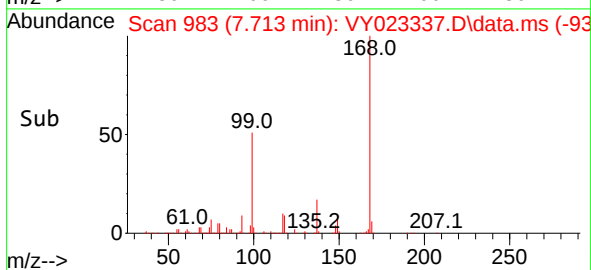
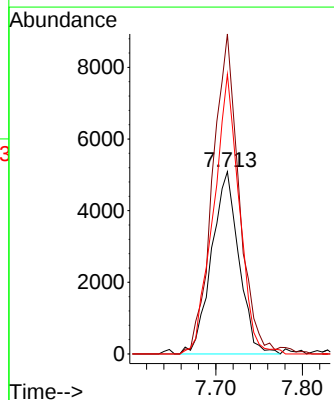
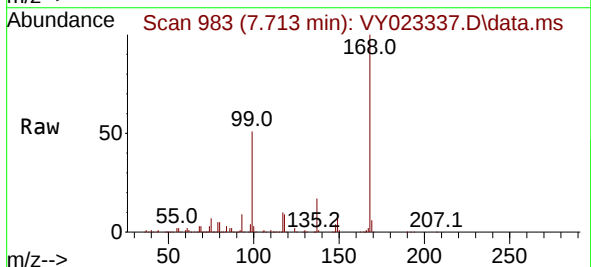
Instrument :
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ClientSampleId :
VY0911SBL01

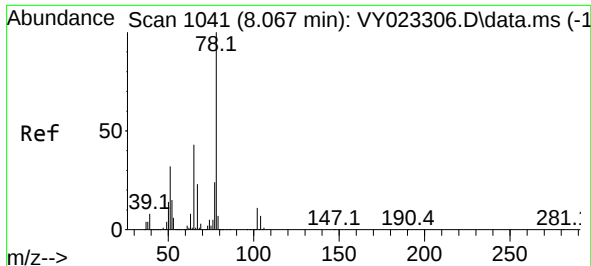
Tgt Ion:	84	Resp:	12385
Ion	Ratio	Lower	Upper
84	100		
49	112.4	93.0	139.6
51	41.6	29.0	43.4
86	74.1	50.2	75.4



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

Tgt Ion:	56	Resp:	11136
Ion	Ratio	Lower	Upper
56	100		
69	175.5	28.2	42.2#
84	153.4	76.6	114.8#

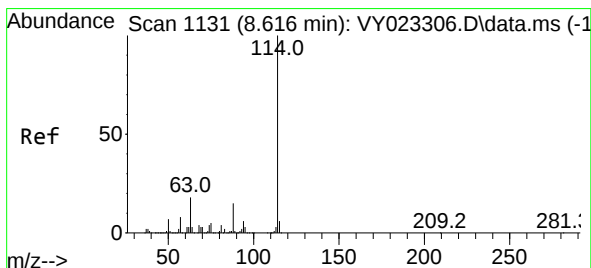
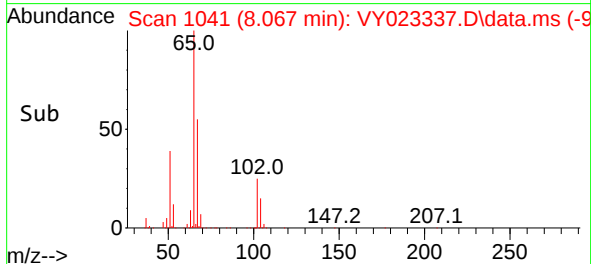
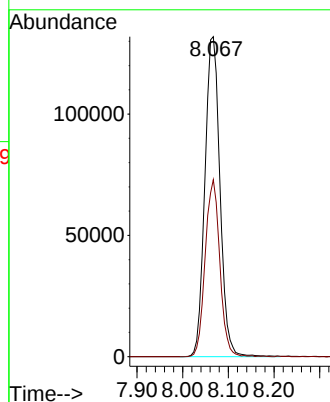
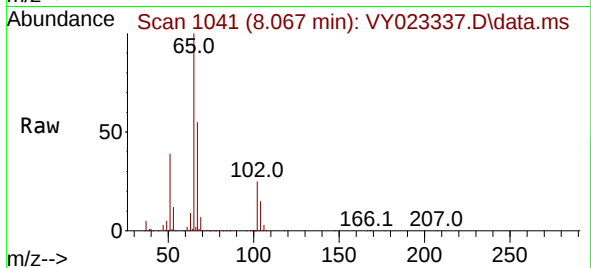




#33
 1,2-Dichloroethane-d4
 Concen: 59.071 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.012 min
 Lab File: VY023337.D
 Acq: 11 Sep 2025 09:38

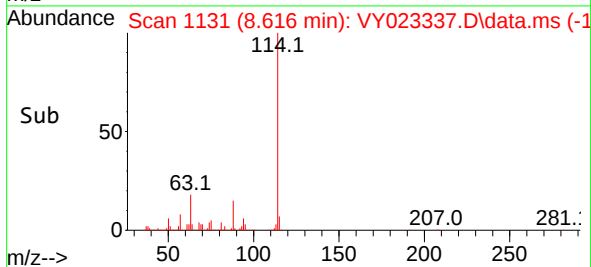
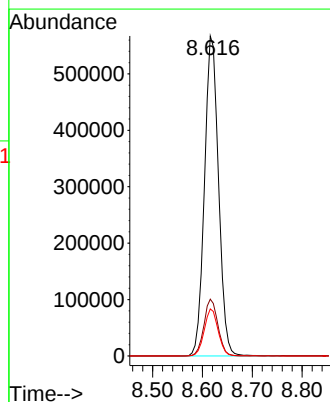
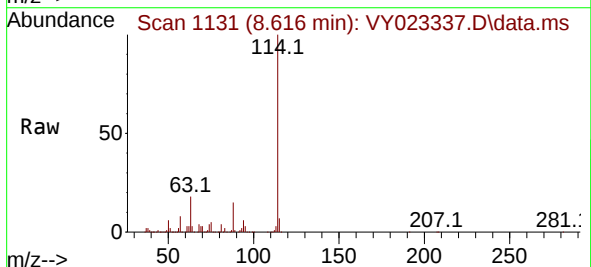
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBL01

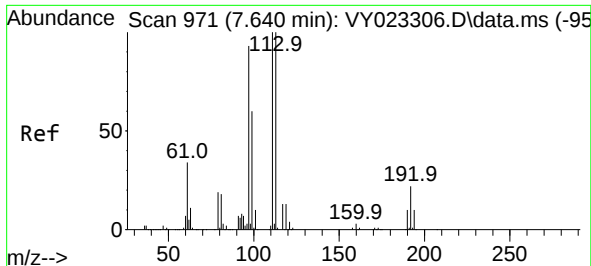
Tgt Ion: 65 Resp: 301920
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VY023337.D
 Acq: 11 Sep 2025 09:38

Tgt Ion:114 Resp: 1110395
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.4
 88 14.7 0.0 30.0

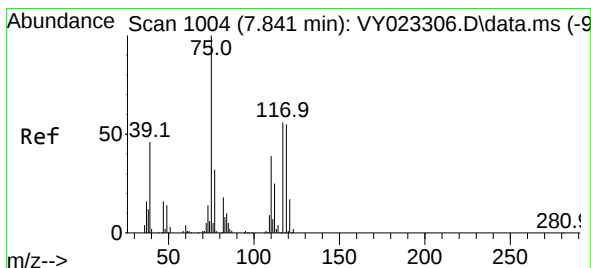
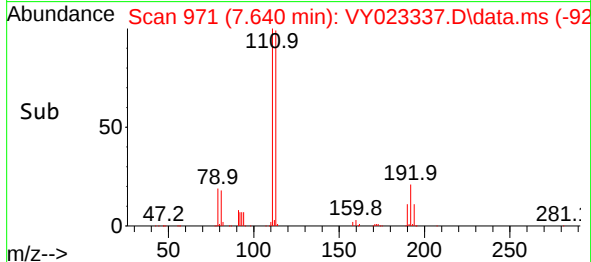
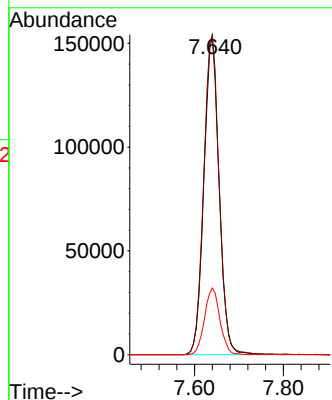
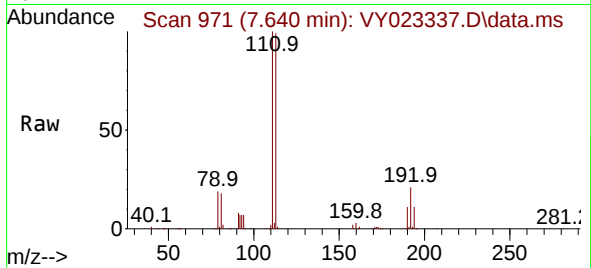




#35
Dibromofluoromethane
Concen: 53.765 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

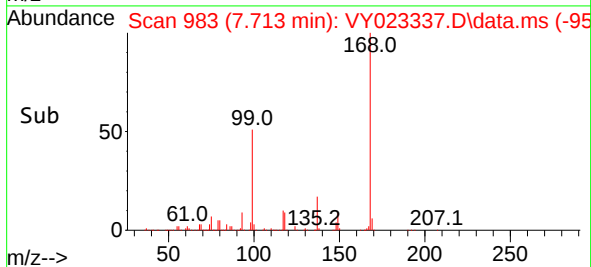
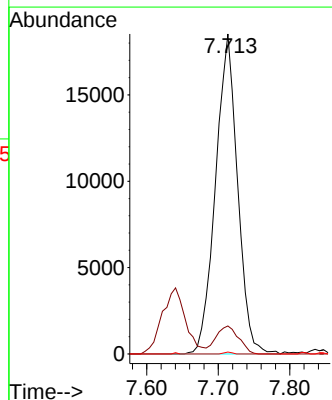
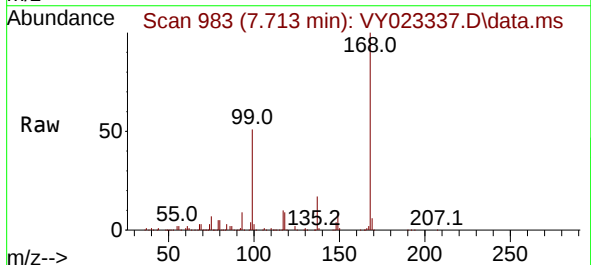
Instrument :
MSVOA_Y
ClientSampleId :
VY0911SBL01

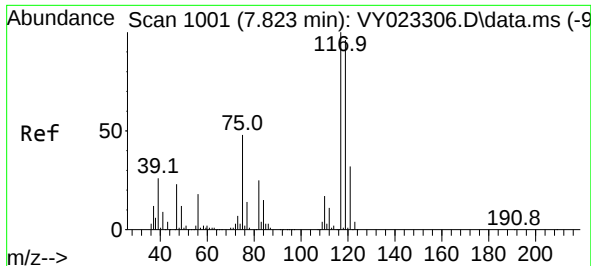
Tgt Ion:113 Resp: 364929
Ion Ratio Lower Upper
113 100
111 102.6 81.1 121.7
192 21.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.095 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.116 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

Tgt Ion: 75 Resp: 39589
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.2 24.6 37.0#

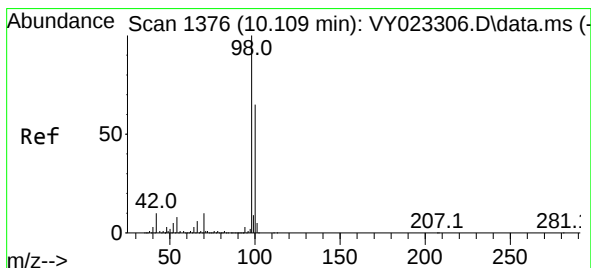
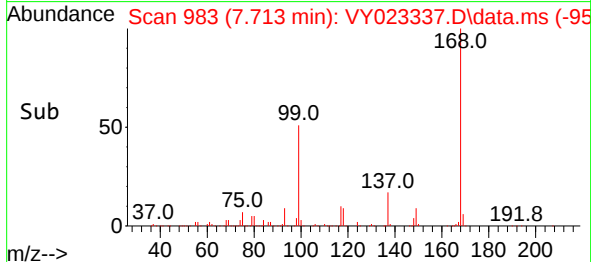
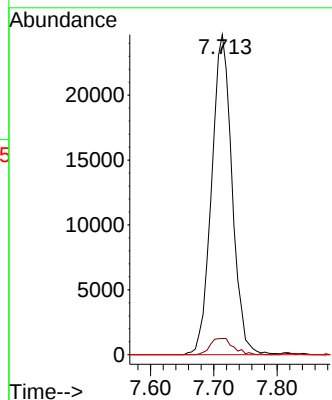
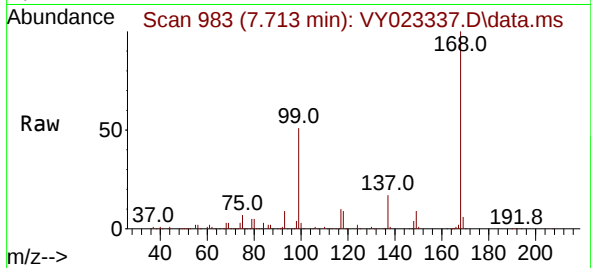




#38
Carbon Tetrachloride
Concen: 4.976 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

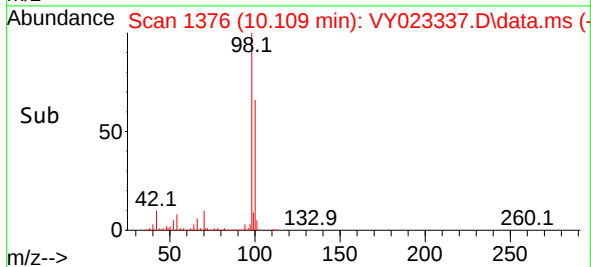
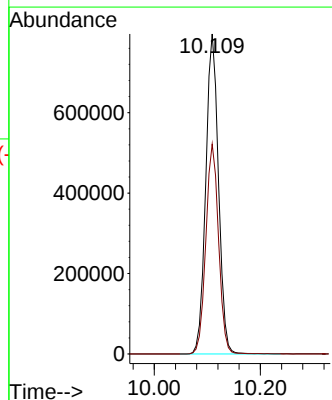
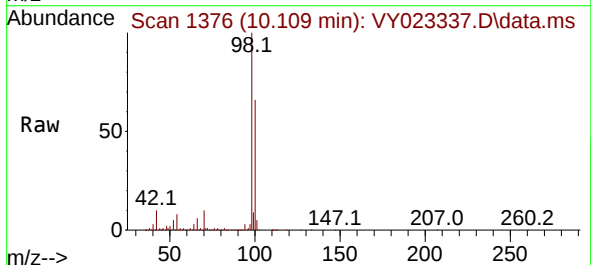
Instrument :
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ClientSampleId :
VY0911SBL01

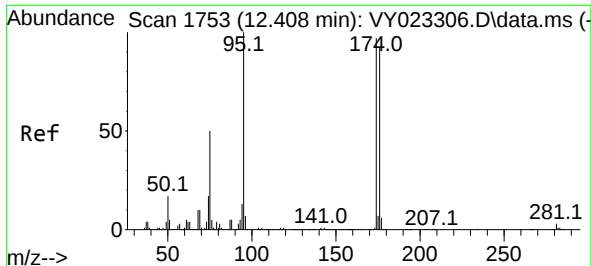
Tgt Ion:117 Resp: 55355
Ion Ratio Lower Upper
117 100
119 5.1 75.6 113.4#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 51.590 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

Tgt Ion: 98 Resp: 1322232
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

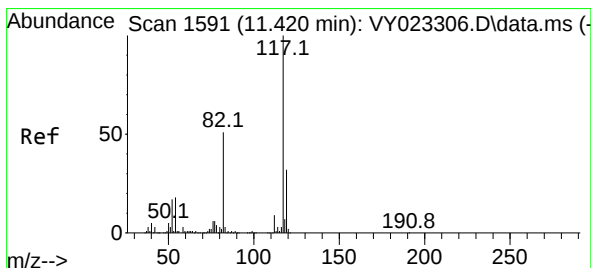
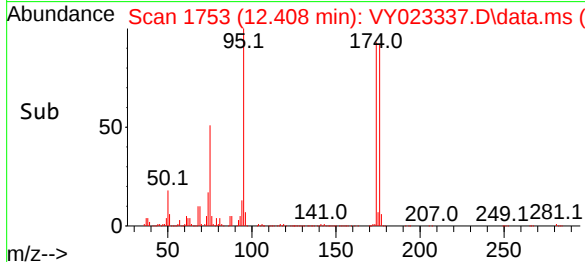
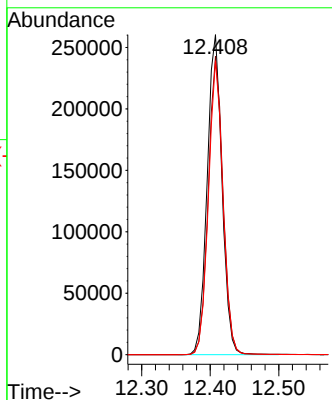
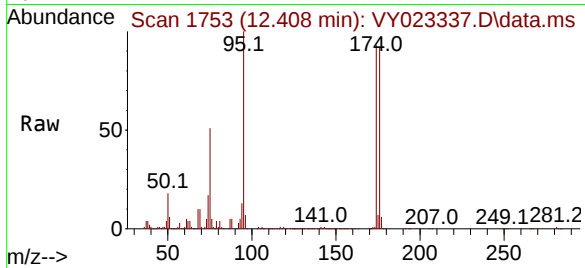




#62
4-Bromofluorobenzene
Concen: 48.694 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

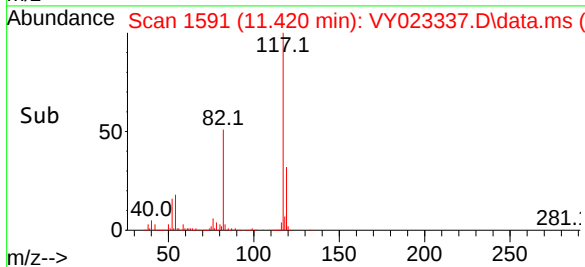
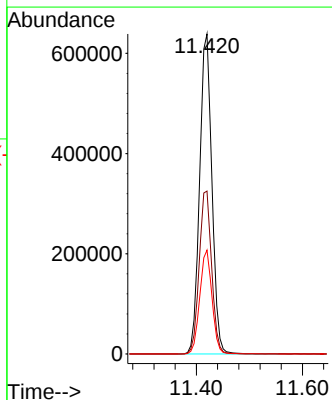
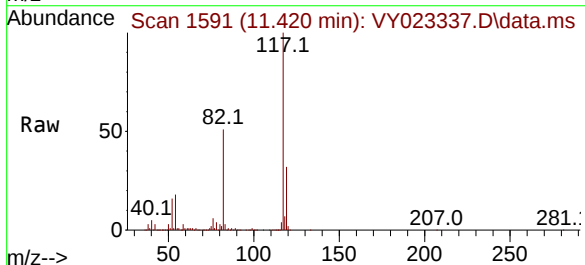
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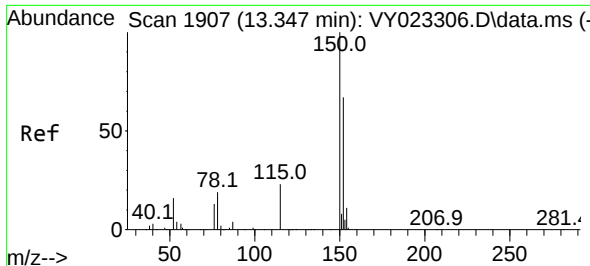
Tgt Ion: 95 Resp: 392745
Ion Ratio Lower Upper
95 100
174 92.7 0.0 171.6
176 89.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.012 min
Lab File: VY023337.D
Acq: 11 Sep 2025 09:38

Tgt Ion: 117 Resp: 1024625
Ion Ratio Lower Upper
117 100
82 50.9 43.4 65.0
119 32.4 25.6 38.4

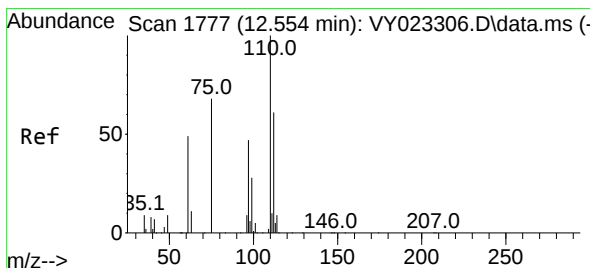
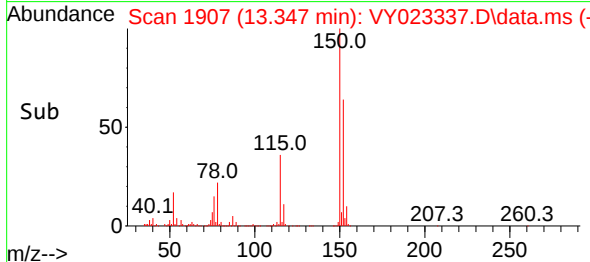
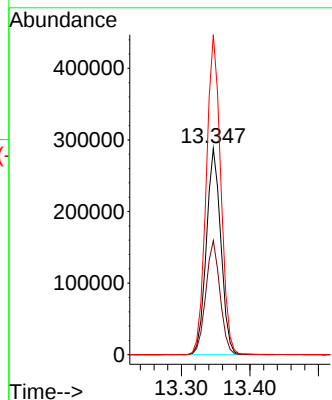
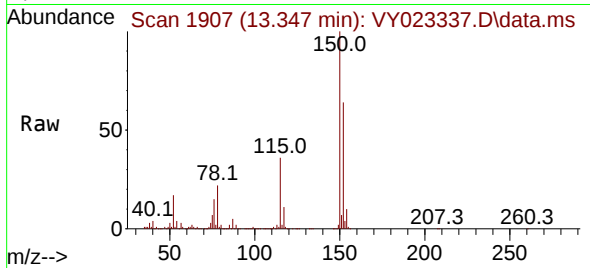




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY023337.D
 Acq: 11 Sep 2025 09:38

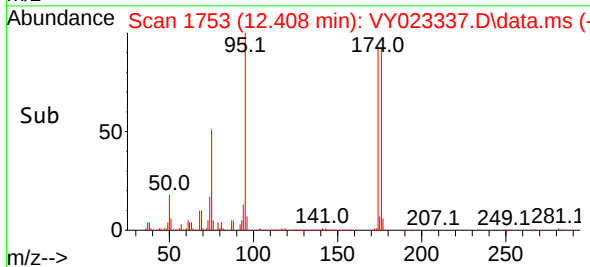
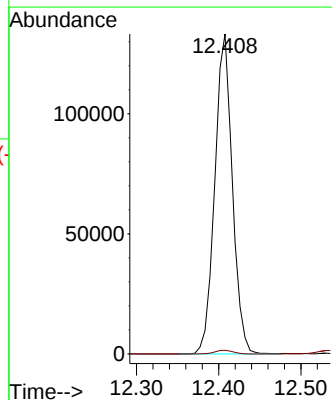
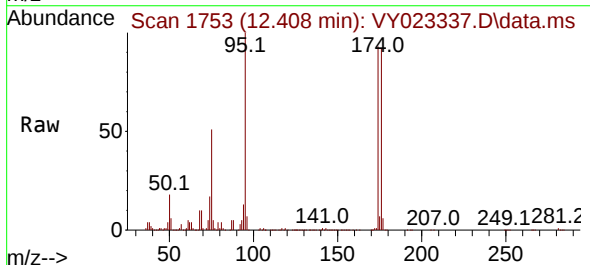
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBL01

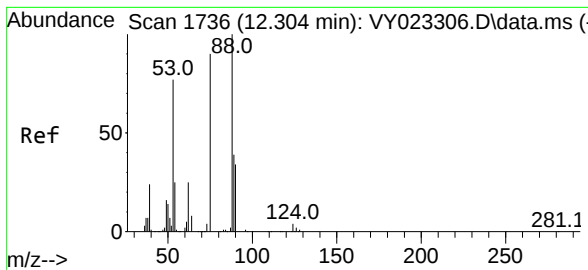
Tgt Ion:152 Resp: 423251
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.6
 150 155.4 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 46.139 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.140 min
 Lab File: VY023337.D
 Acq: 11 Sep 2025 09:38

Tgt Ion: 75 Resp: 197762
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.826 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY023337.D
 Acq: 11 Sep 2025 09:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0911SBL01

Tgt Ion: 75 Resp: 197762
 Ion Ratio Lower Upper
 75 100
 53 0.2 70.8 106.2#
 89 0.0 38.1 57.1#

