

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060525\
 Data File : VY022582.D
 Acq On : 05 Jun 2025 18:17
 Operator : SY/MD
 Sample : Q2226-02
 Misc : 7.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP06-MHI-VOC

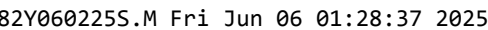
Quant Time: Jun 06 01:28:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	599574	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	1107385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	936810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.341	152	363557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	351627	52.435	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.880%	
35) Dibromofluoromethane	7.628	113	335547	50.765	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.540%	
50) Toluene-d8	10.103	98	1383369	51.797	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.600%	
62) 4-Bromofluorobenzene	12.402	95	363255	45.649	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.300%	
Target Compounds						
					Qvalue	
16) Acetone	3.873	43	5469	4.016	ug/l #	80
31) Cyclohexane	7.695	56	16545	1.284	ug/l #	42
36) 1,1-Dichloropropene	7.701	75	53209	4.960	ug/l #	51
38) Carbon Tetrachloride	7.701	117	61376	5.577	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	6704	1.301	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	215787	51.882	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	215787	125.291	ug/l #	10

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

Quant Time: Jun 06 01:28:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
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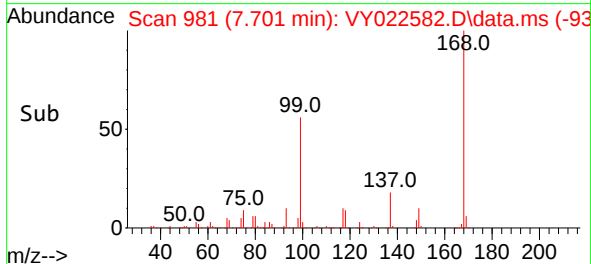
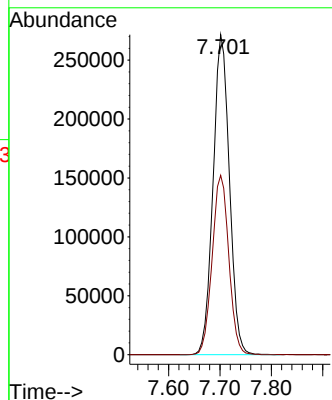
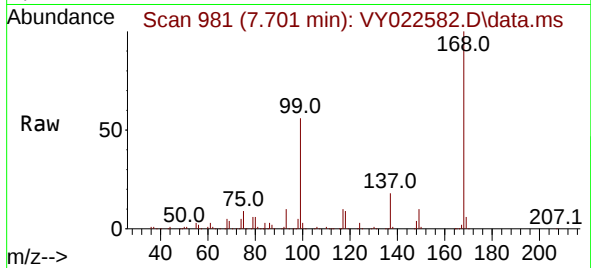




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

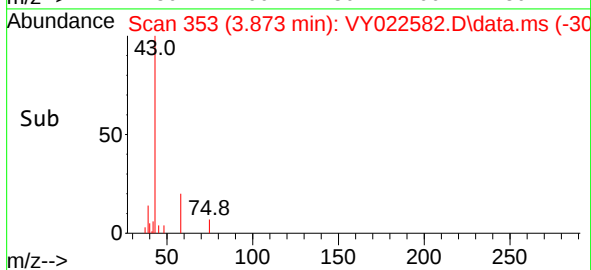
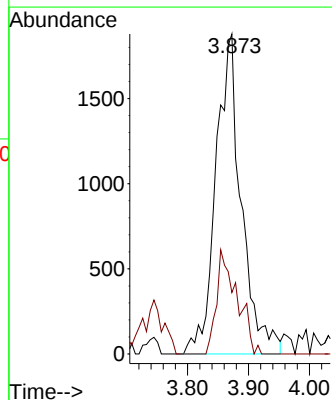
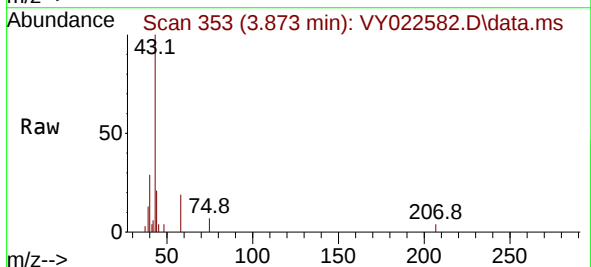
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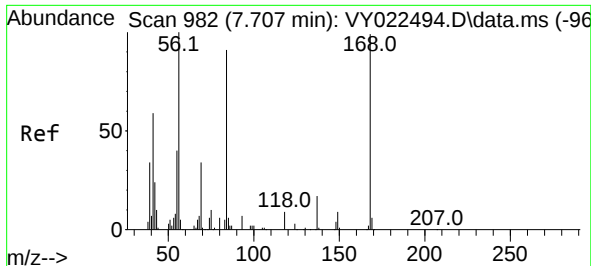
Tgt Ion:168 Resp: 599574
Ion Ratio Lower Upper
168 100
99 56.1 44.3 66.5



#16
Acetone
Concen: 4.016 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

Tgt Ion: 43 Resp: 5469
Ion Ratio Lower Upper
43 100
58 19.2 24.0 36.0#

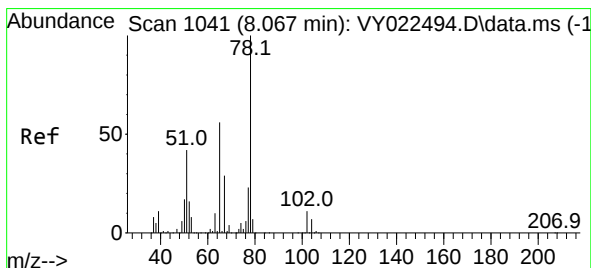
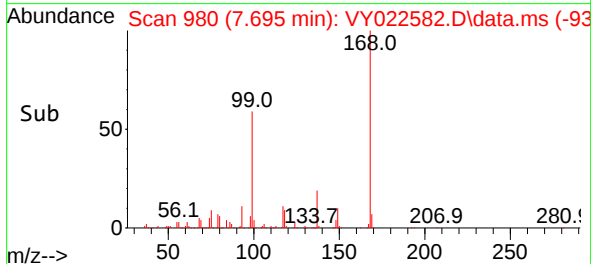
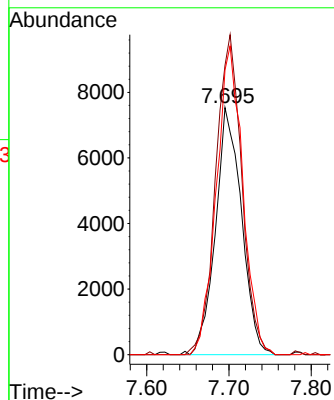
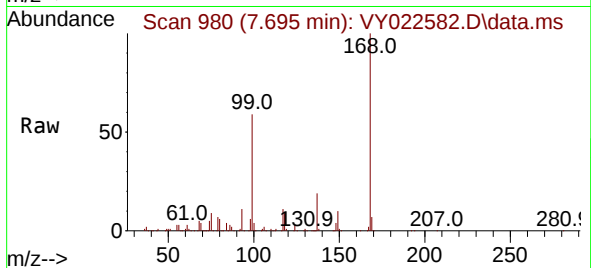




#31
Cyclohexane
Concen: 1.284 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

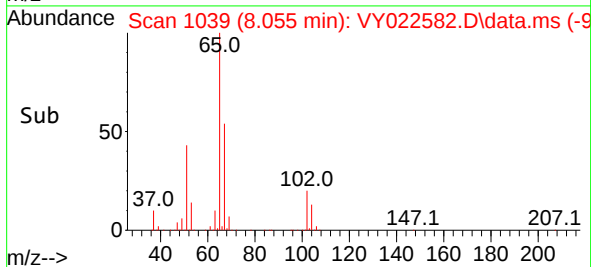
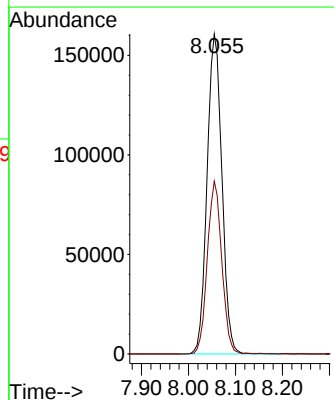
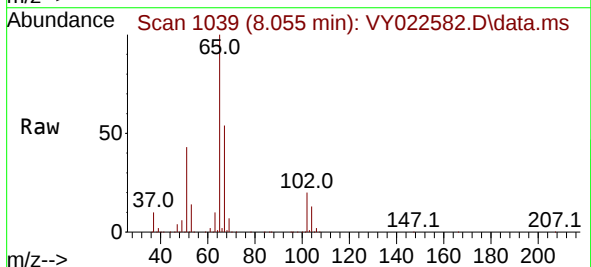
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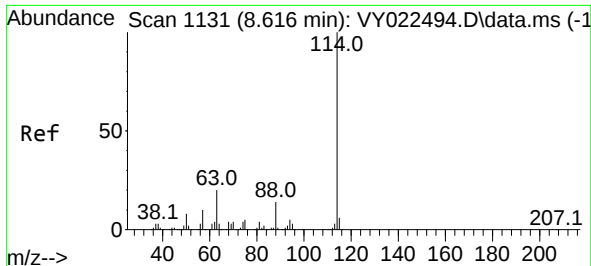
Tgt Ion: 56 Resp: 16545
Ion Ratio Lower Upper
56 100
69 117.0 27.0 40.6#
84 115.2 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 52.435 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

Tgt Ion: 65 Resp: 351627
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4

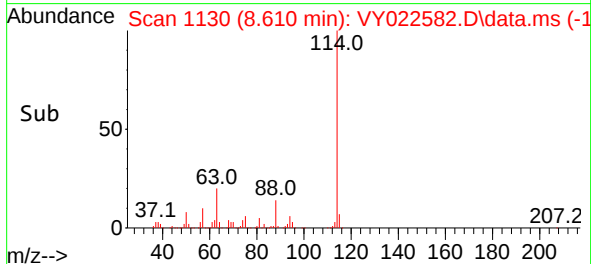
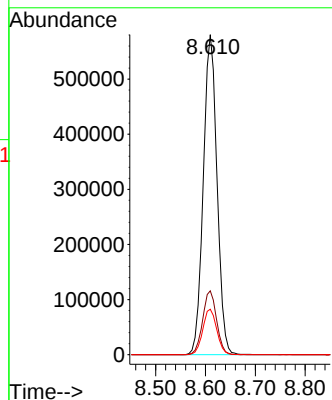
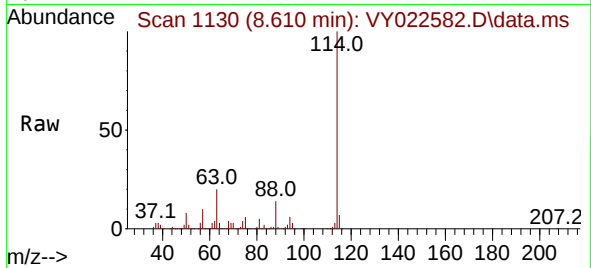




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

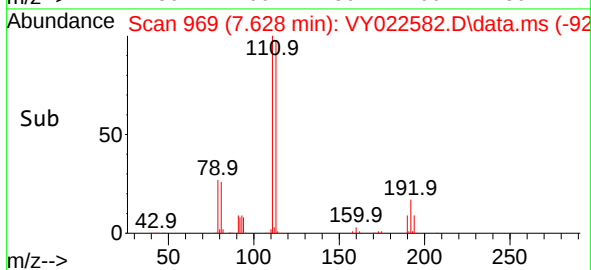
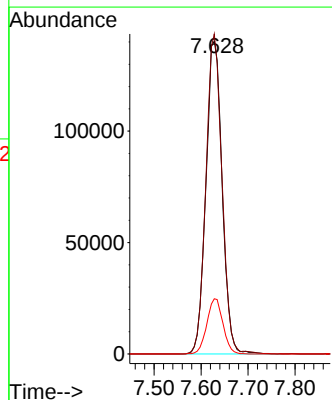
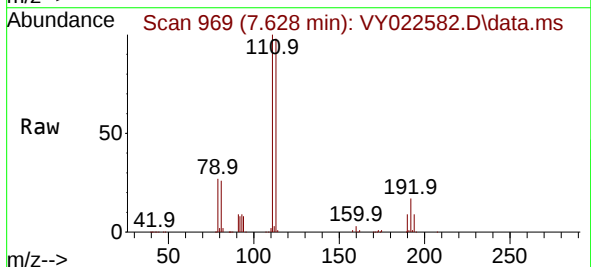
Instrument :
MSVOA_Y
ClientSampleId :
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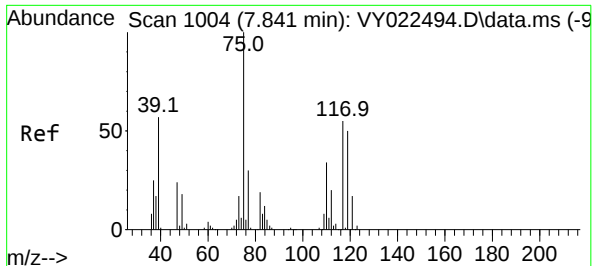
Tgt Ion:114 Resp: 1107385
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 14.2 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.765 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

Tgt Ion:113 Resp: 335547
Ion Ratio Lower Upper
113 100
111 101.3 81.1 121.7
192 17.5 14.2 21.2

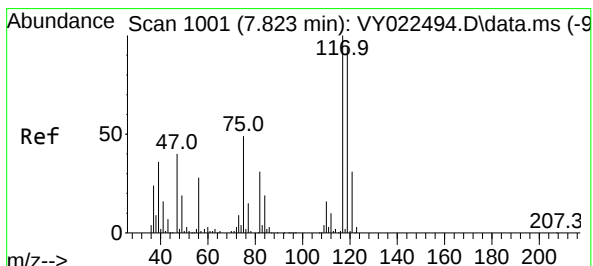
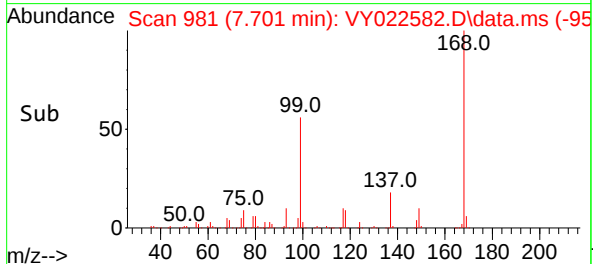
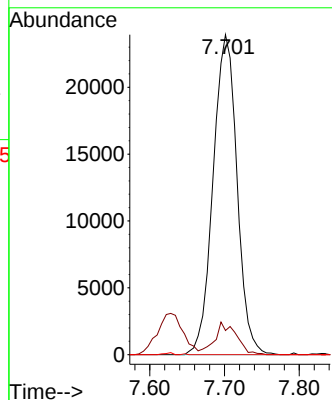
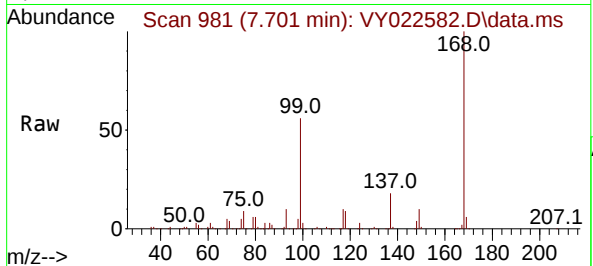




#36
1,1-Dichloropropene
Concen: 4.960 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

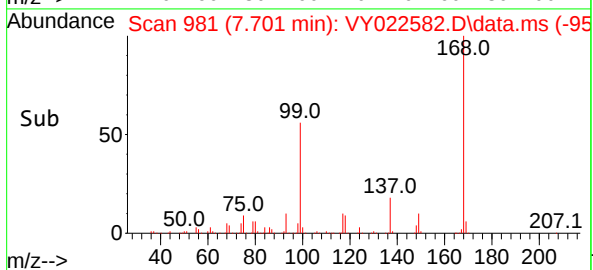
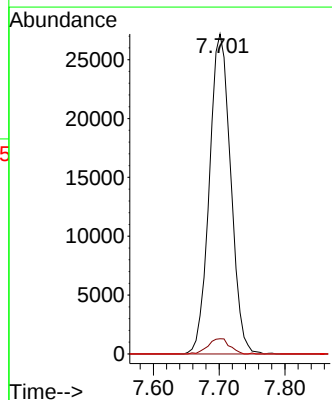
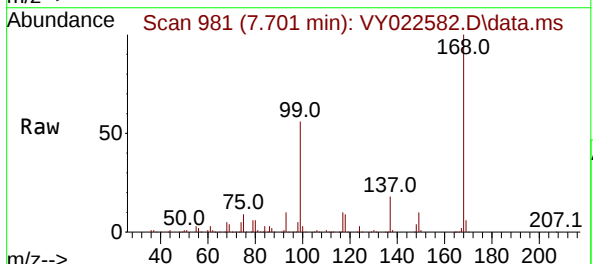
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ClientSampleId :
TP06-MHI-VOC

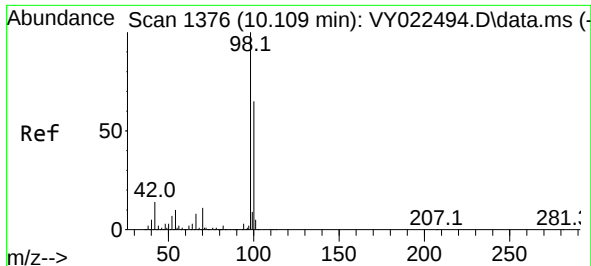
Tgt Ion: 75 Resp: 53209
Ion Ratio Lower Upper
75 100
110 9.2 16.9 50.7#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

Tgt Ion: 117 Resp: 61376
Ion Ratio Lower Upper
117 100
119 4.8 75.0 112.6#
121 0.0 25.0 37.4#

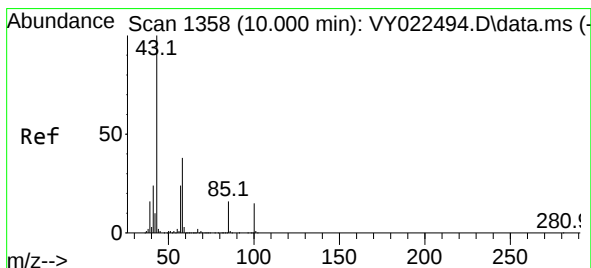
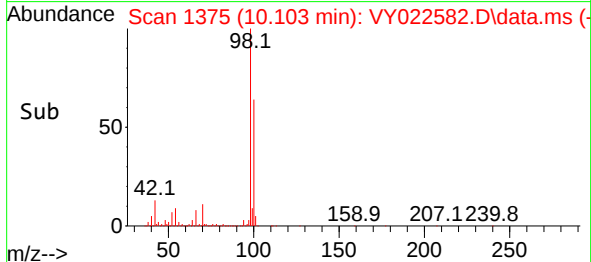
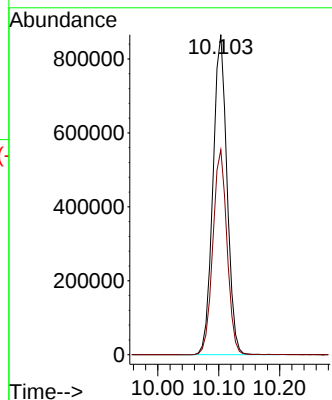
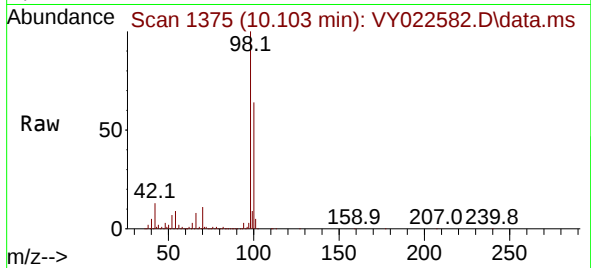




#50
Toluene-d8
Concen: 51.797 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

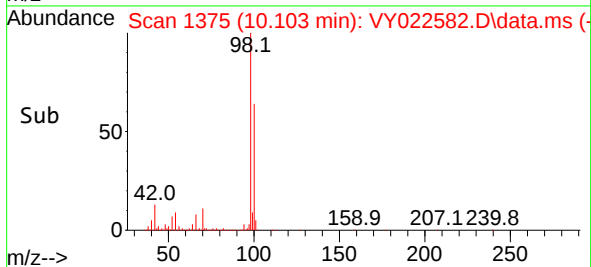
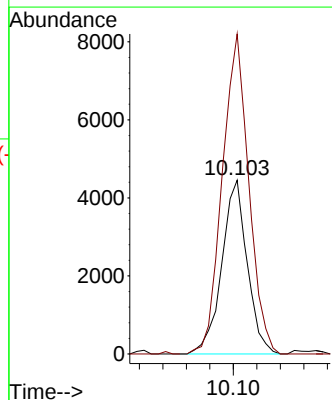
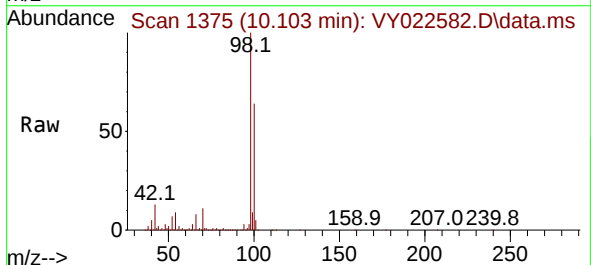
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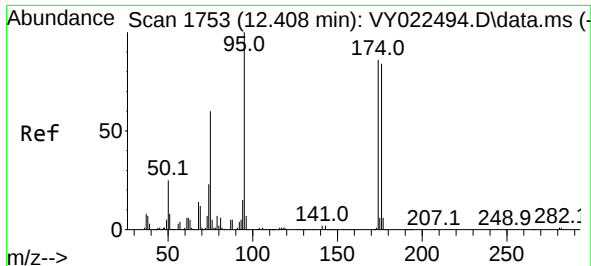
Tgt Ion: 98 Resp: 1383369
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.301 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

Tgt Ion: 43 Resp: 6704
Ion Ratio Lower Upper
43 100
58 191.6 30.4 45.6#

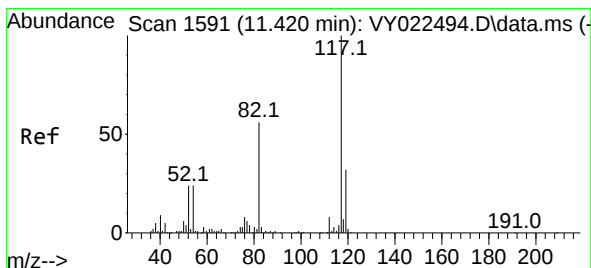
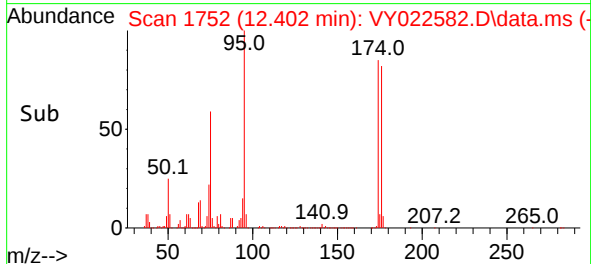
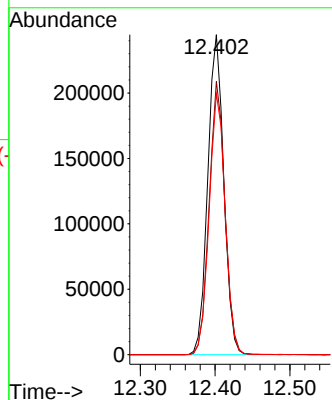
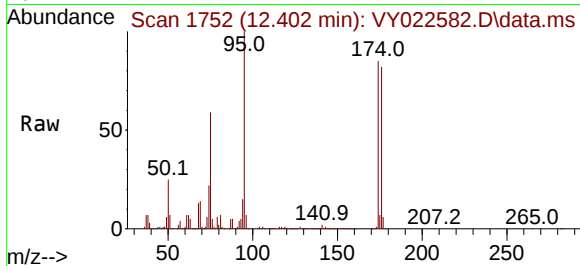




#62
4-Bromofluorobenzene
Concen: 45.649 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

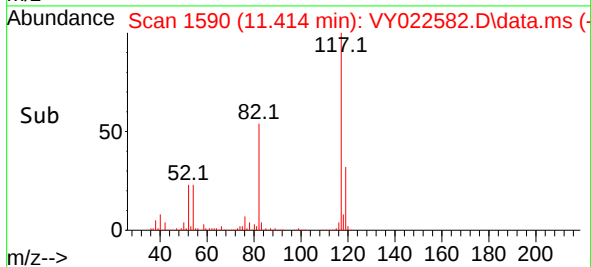
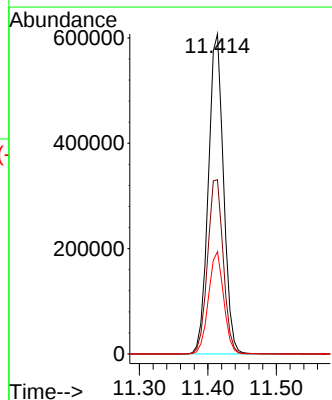
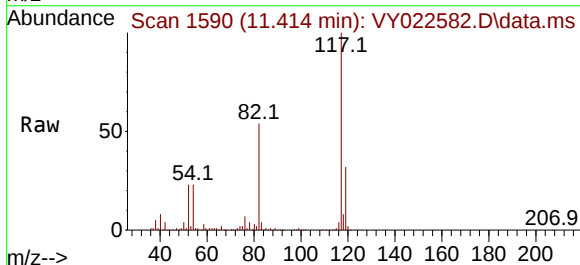
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TP06-MHI-VOC

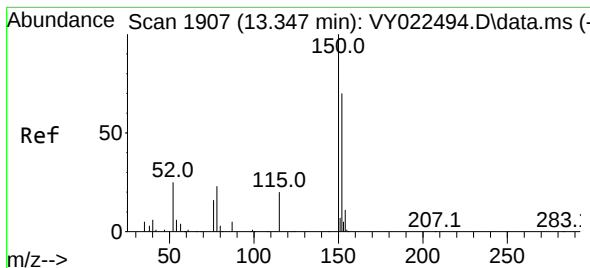
Tgt Ion: 95 Resp: 363255
Ion Ratio Lower Upper
95 100
174 84.6 0.0 170.0
176 81.7 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

Tgt Ion: 117 Resp: 936810
Ion Ratio Lower Upper
117 100
82 54.5 44.6 66.8
119 32.0 25.4 38.0

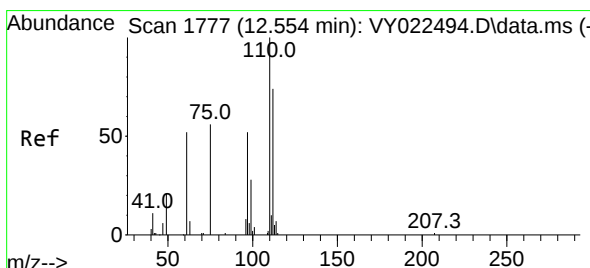
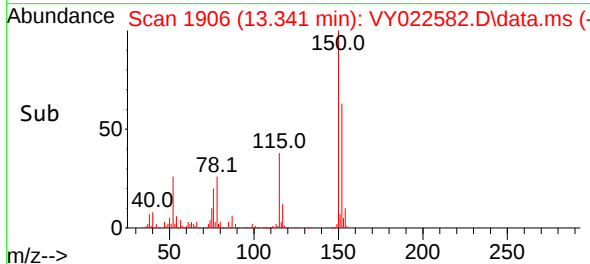
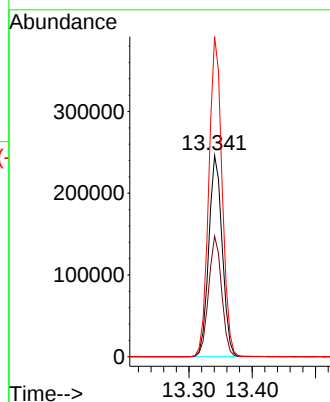
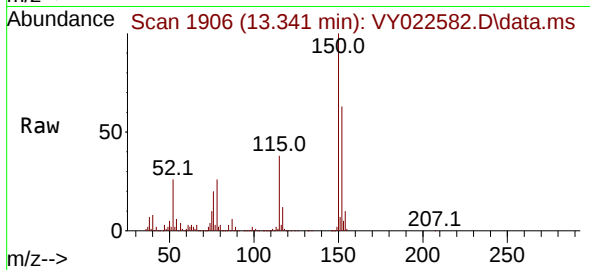




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.341 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

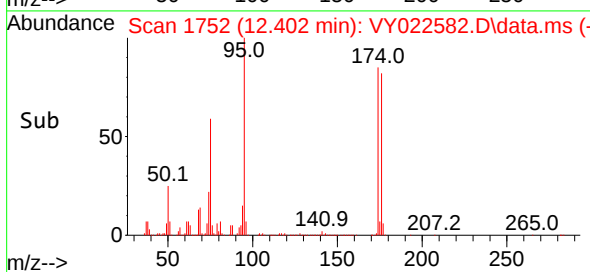
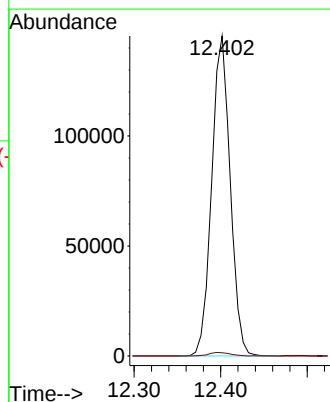
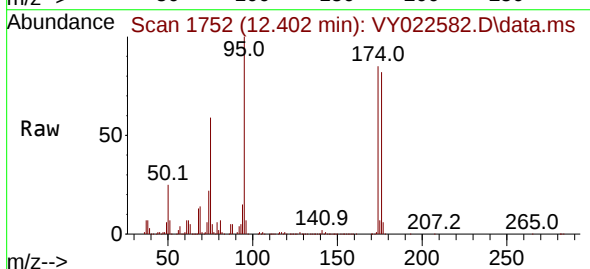
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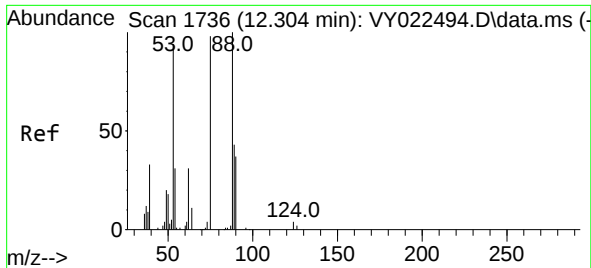
Tgt Ion:152 Resp: 363557
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.7
150 157.4 0.0 349.6



#76
1,2,3-Trichloropropane
Concen: 51.882 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY022582.D
Acq: 05 Jun 2025 18:17

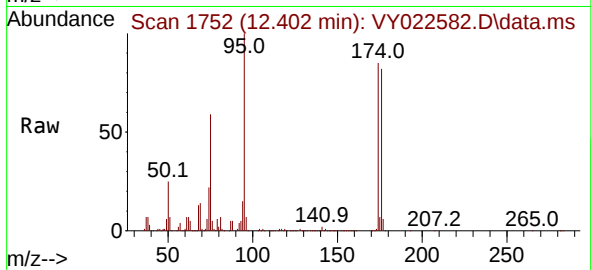
Tgt Ion: 75 Resp: 215787
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.291 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY022582.D
 Acq: 05 Jun 2025 18:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP06-MHI-VOC



Tgt Ion: 75 Resp: 215787
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 35.7 53.5#

