

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
 Data File : VY023259.D
 Acq On : 02 Sep 2025 12:49
 Operator : SY/MD
 Sample : Q2996-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONTAINMENT-A

Quant Time: Sep 03 03:29:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

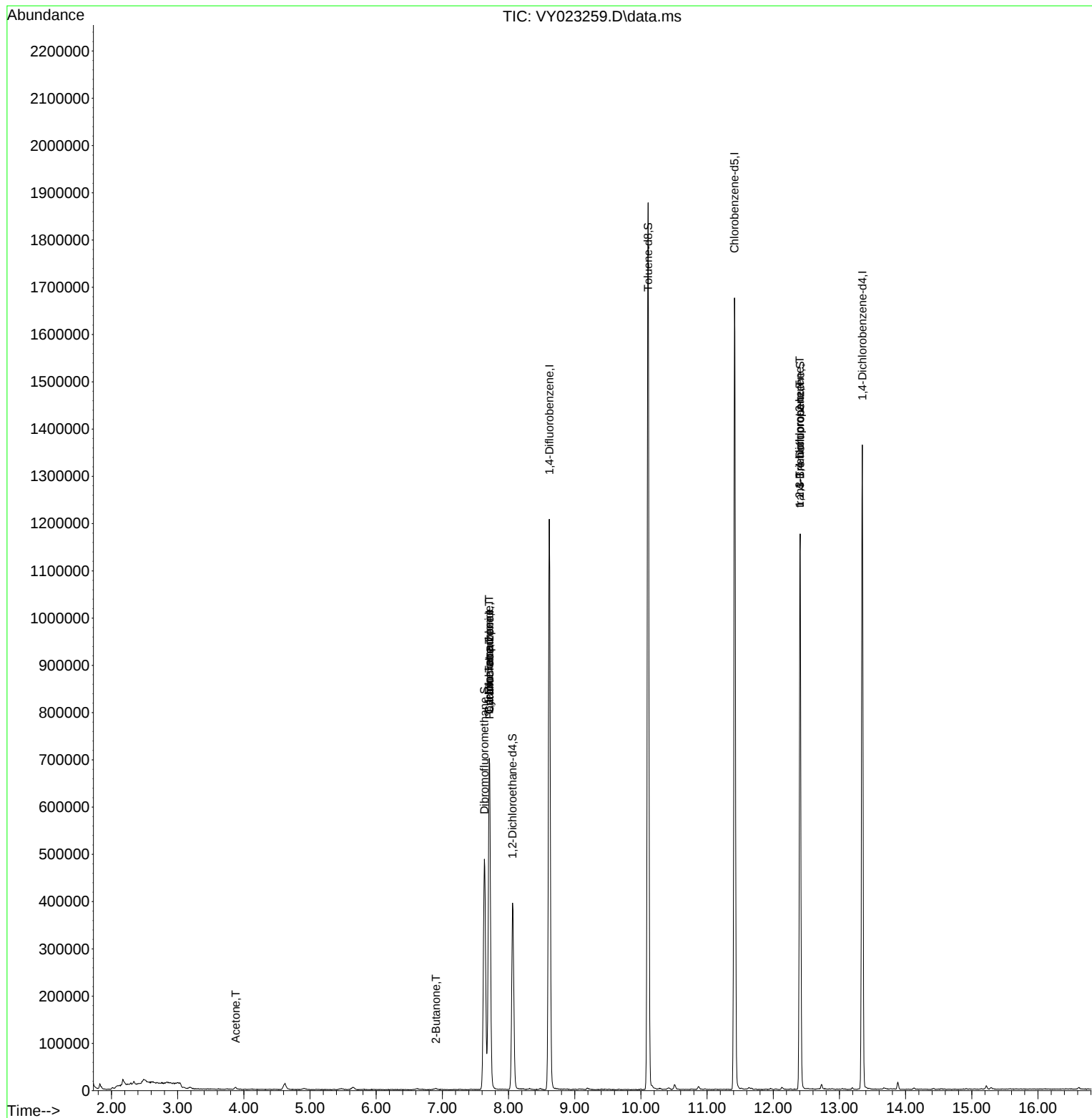
Internal Standards						
1) Pentafluorobenzene	7.713	168	579402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1083736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	946098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	357790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	302888	54.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.700%	
35) Dibromofluoromethane	7.634	113	351908	54.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.540%	
50) Toluene-d8	10.109	98	1263726	49.884	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.408	95	354649	43.531	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.060%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	6859	5.733	ug/l	98
20) Methylene Chloride	4.628	84	8907	Below Cal		88
25) 2-Butanone	6.902	43	2065	1.269	ug/l	91
31) Cyclohexane	7.707	56	11273	1.096	ug/l #	3
36) 1,1-Dichloropropene	7.707	75	40194	4.171	ug/l #	49
38) Carbon Tetrachloride	7.707	117	55151	5.269	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	178646	51.736	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	178646	125.235	ug/l #	14

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

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Instrument :
MSVOA_Y
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CONTAINMENT-A

Quant Time: Sep 03 03:29:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

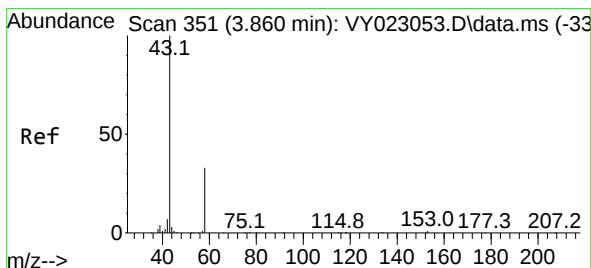
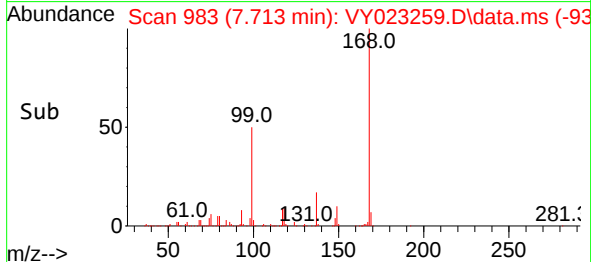
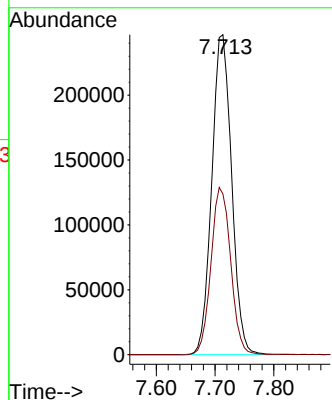
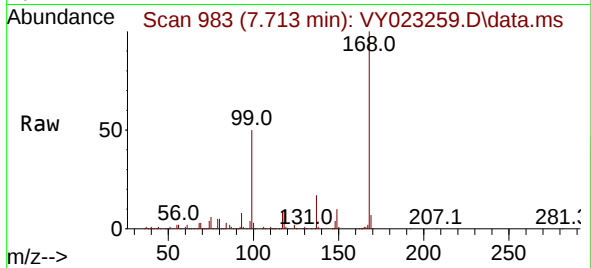




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

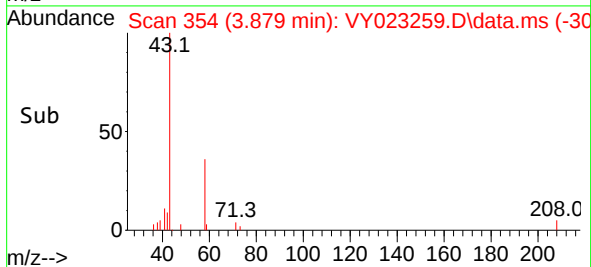
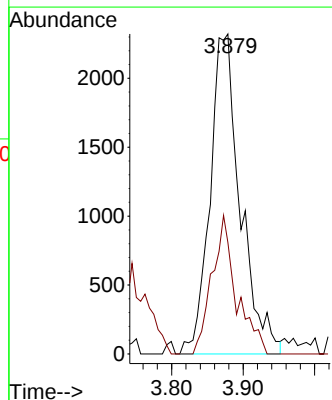
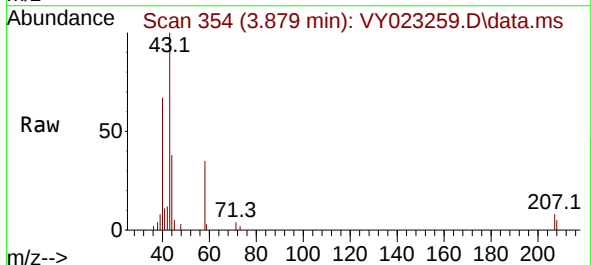
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-A

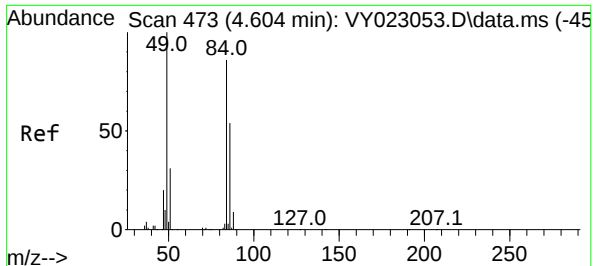
Tgt Ion:168 Resp: 579402
Ion Ratio Lower Upper
168 100
99 50.2 42.8 64.2



#16
Acetone
Concen: 5.733 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 43 Resp: 6859
Ion Ratio Lower Upper
43 100
58 34.8 27.1 40.7

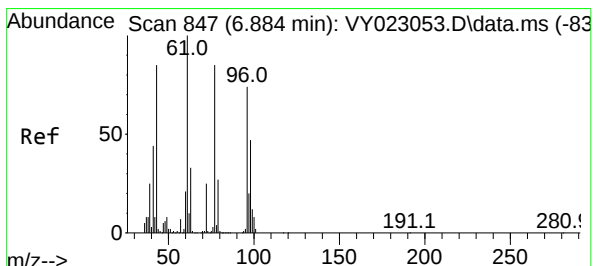
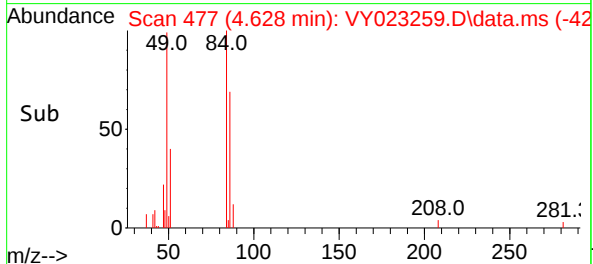
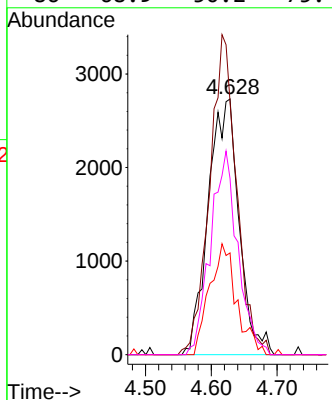
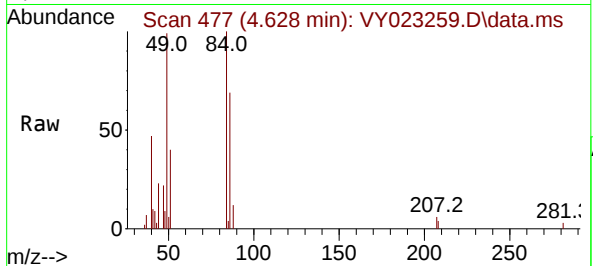




#20
Methylene Chloride
Concen: Below Cal
RT: 4.628 min Scan# 41
Delta R.T. 0.024 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

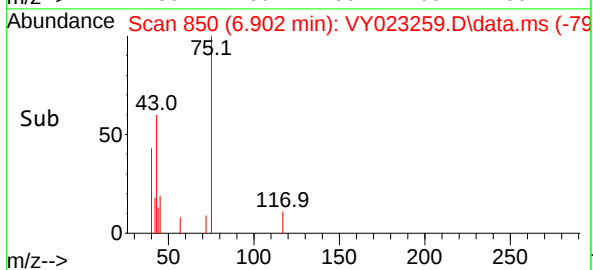
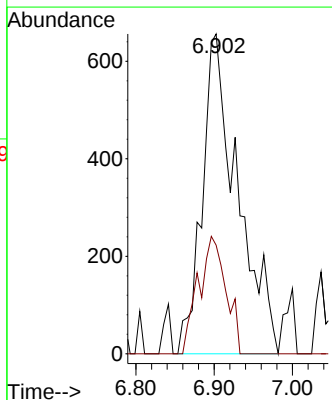
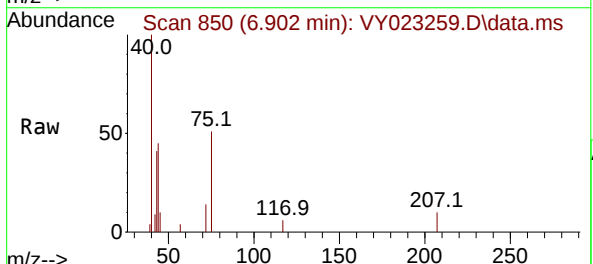
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-A

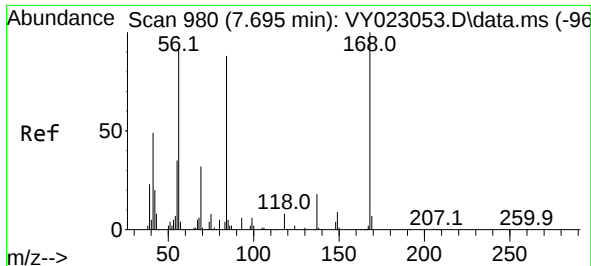
Tgt Ion:	84	Resp:	8907
Ion	Ratio	Lower	Upper
84	100		
49	98.9	93.0	139.6
51	39.8	29.0	43.4
86	68.9	50.2	75.4



#25
2-Butanone
Concen: 1.269 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.018 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

Tgt Ion:	43	Resp:	2065
Ion	Ratio	Lower	Upper
43	100		
72	34.0	23.5	35.3

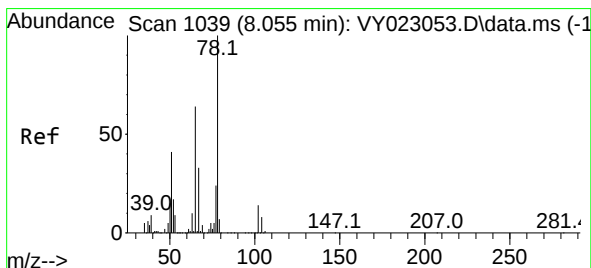
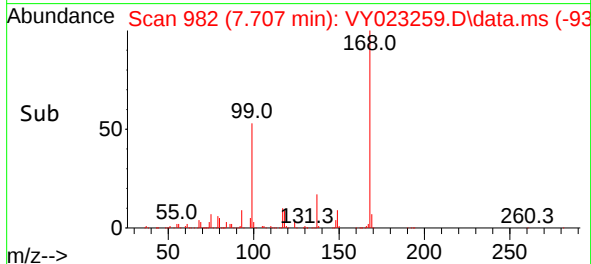
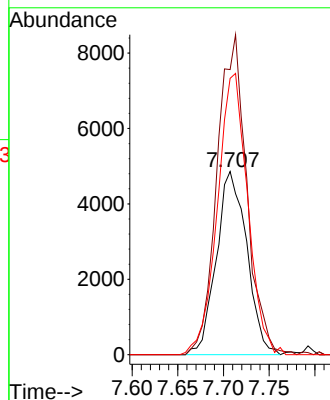
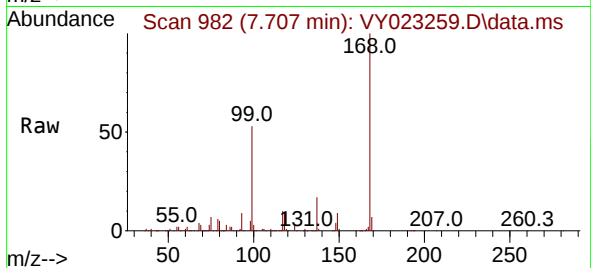




#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

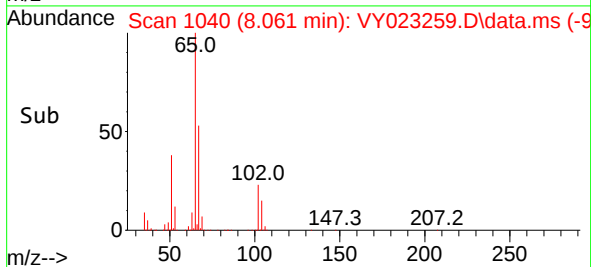
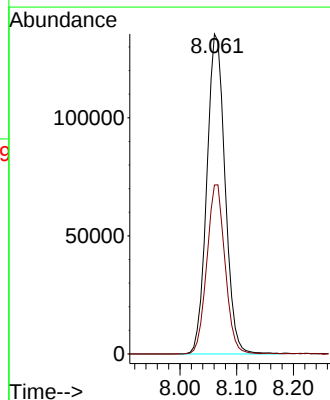
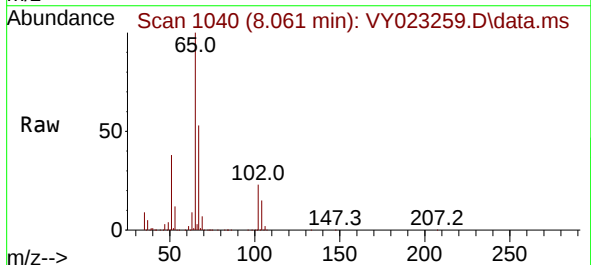
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-A

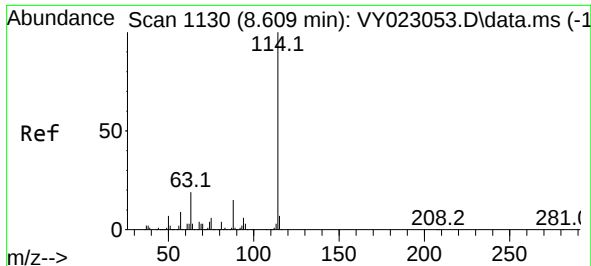
Tgt Ion: 56 Resp: 11273
Ion Ratio Lower Upper
56 100
69 155.6 28.2 42.2#
84 150.8 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 54.850 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 65 Resp: 302888
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.8

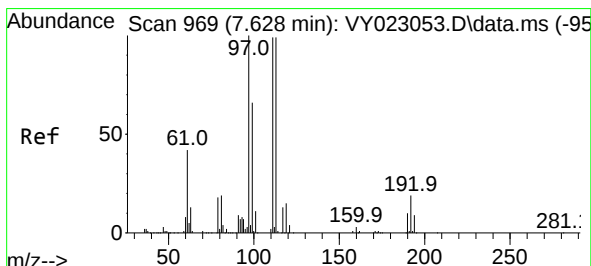
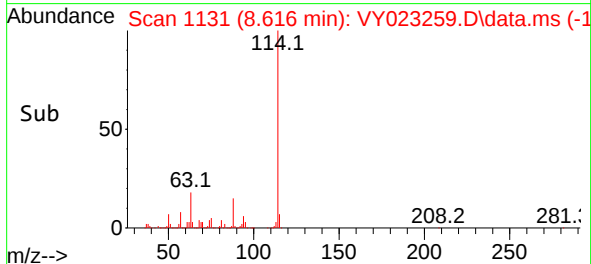
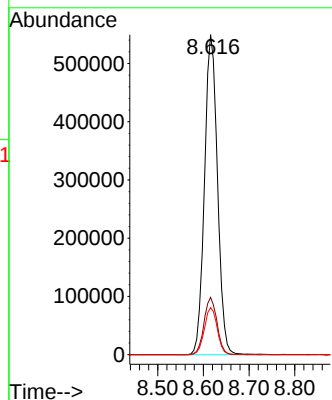
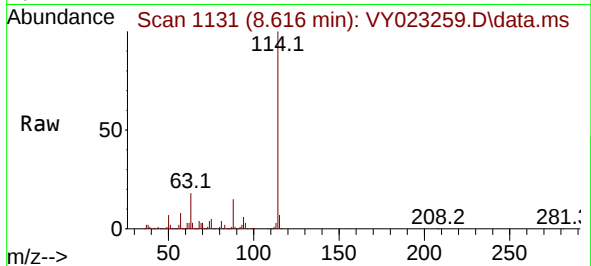




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

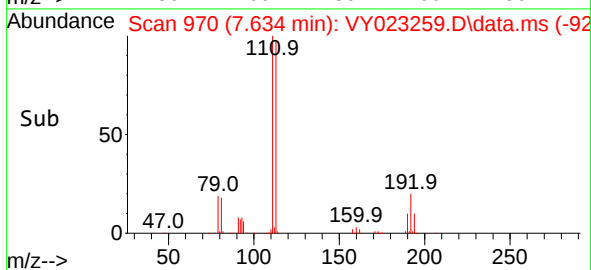
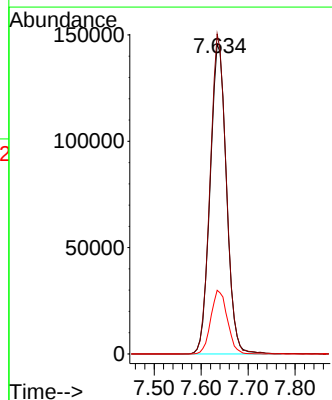
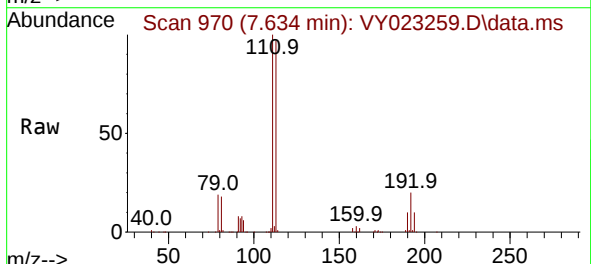
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-A

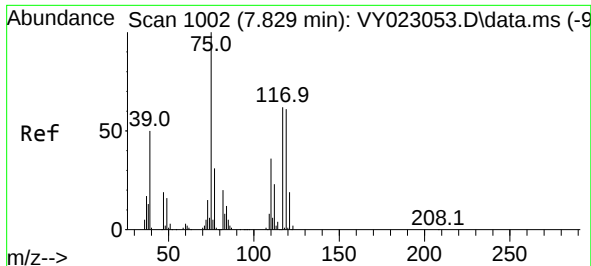
Tgt Ion:114 Resp: 1083736
Ion Ratio Lower Upper
114 100
63 17.9 0.0 38.4
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.267 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

Tgt Ion:113 Resp: 351908
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 20.6 16.2 24.4





#36

1,1-Dichloropropene

Concen: 4.171 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

Lab File: VY023259.D

Acq: 02 Sep 2025 12:49

Instrument :

MSVOA_Y

ClientSampleId :

CONTAINMENT-A

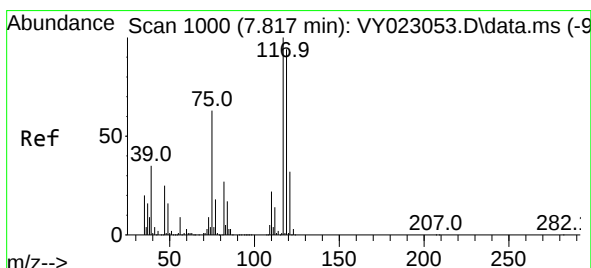
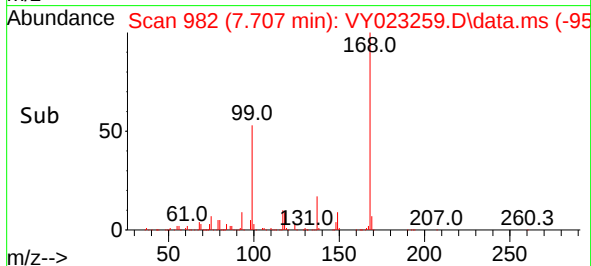
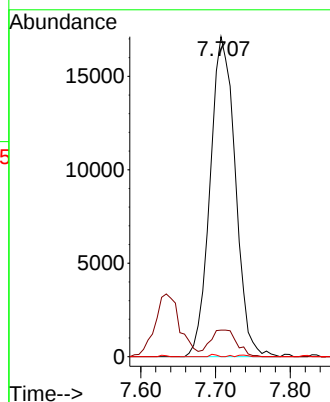
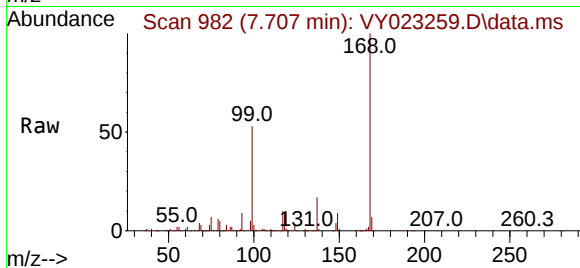
Tgt Ion: 75 Resp: 40194

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.4#

77 0.2 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.269 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY023259.D

Acq: 02 Sep 2025 12:49

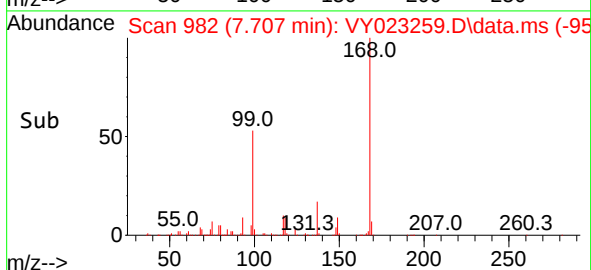
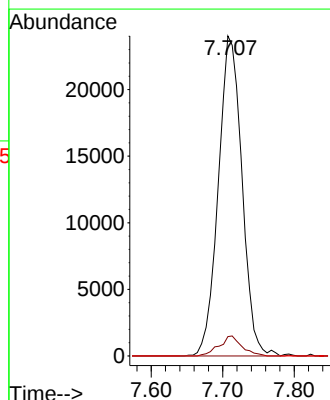
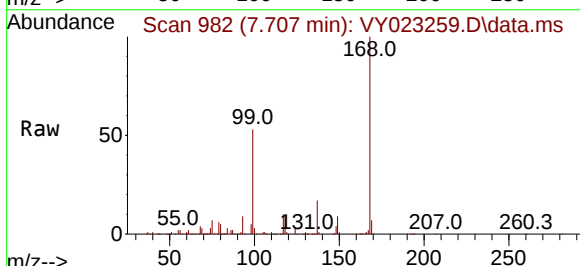
Tgt Ion: 117 Resp: 55151

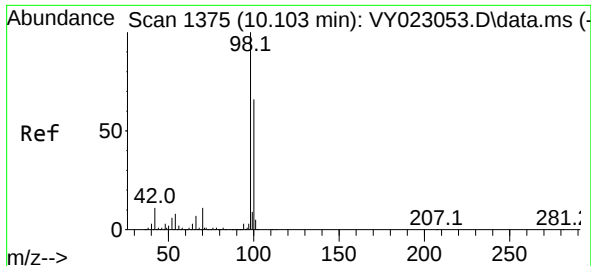
Ion Ratio Lower Upper

117 100

119 6.0 75.6 113.4#

121 0.0 25.8 38.8#

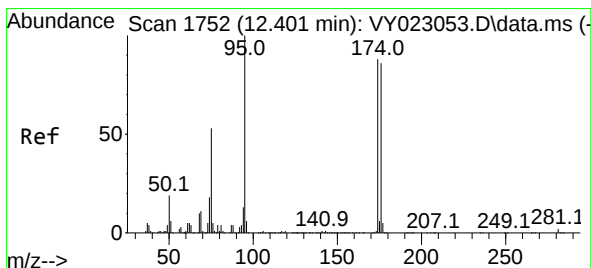
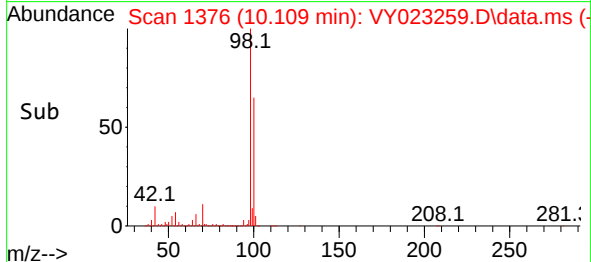
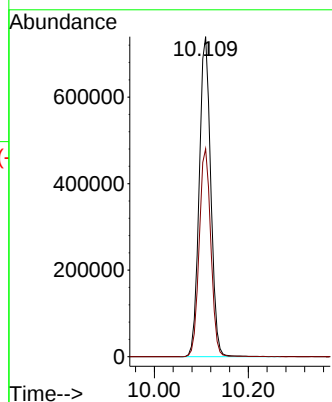
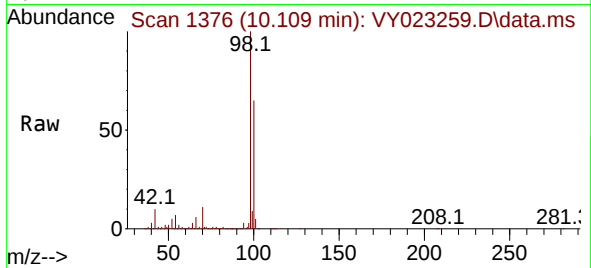




#50
Toluene-d8
Concen: 49.884 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

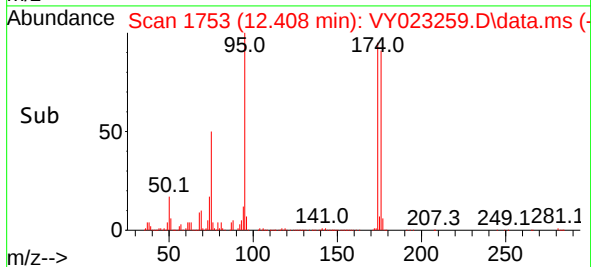
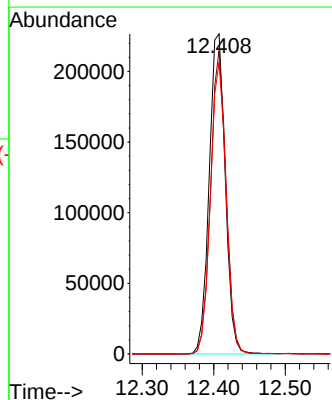
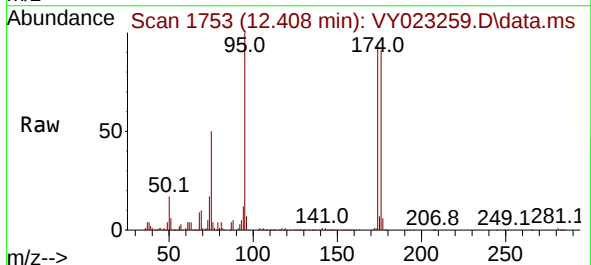
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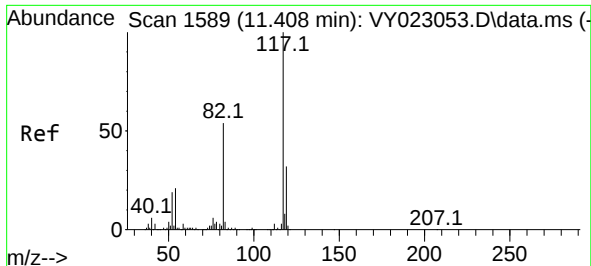
Tgt Ion: 98 Resp: 1263726
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 43.531 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

Tgt Ion: 95 Resp: 354649
Ion Ratio Lower Upper
95 100
174 91.3 0.0 171.6
176 88.5 0.0 167.6

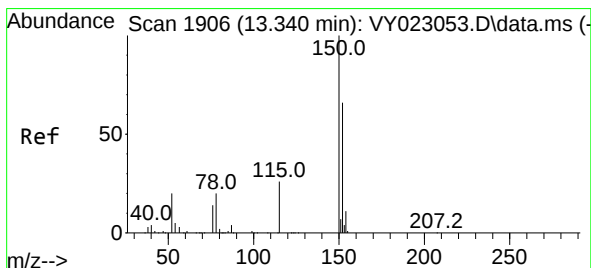
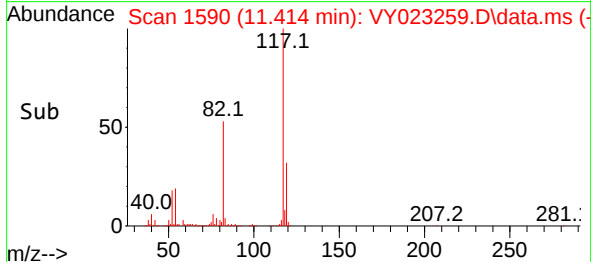
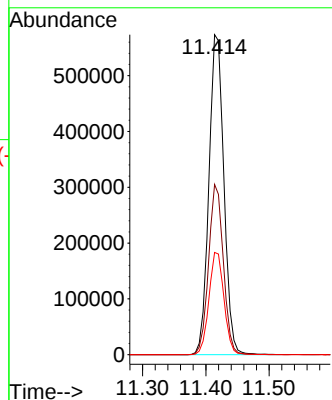
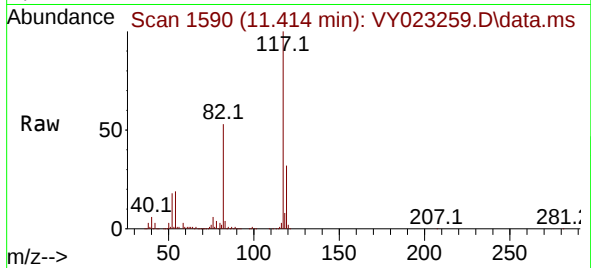




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

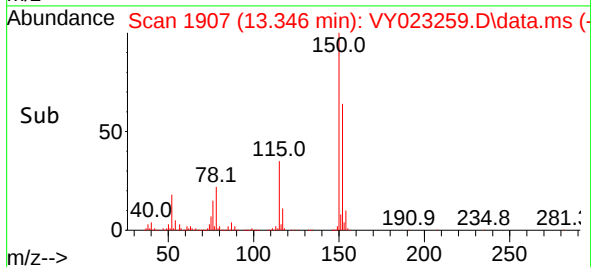
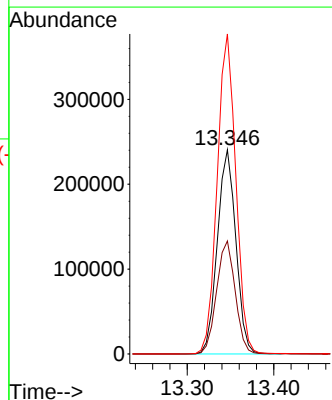
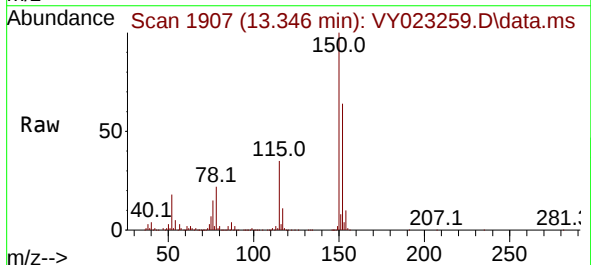
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-A

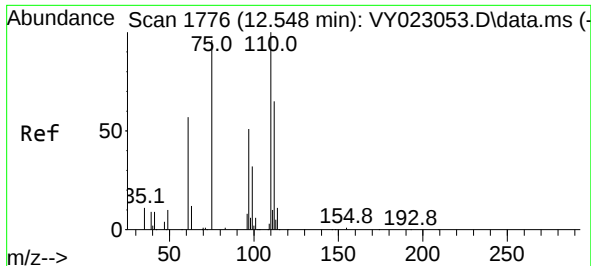
Tgt Ion:117 Resp: 946098
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

Tgt Ion:152 Resp: 357790
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.6
150 157.6 0.0 348.0

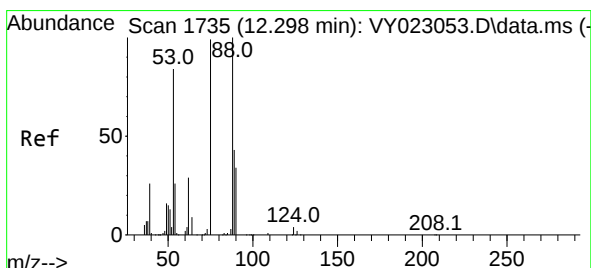
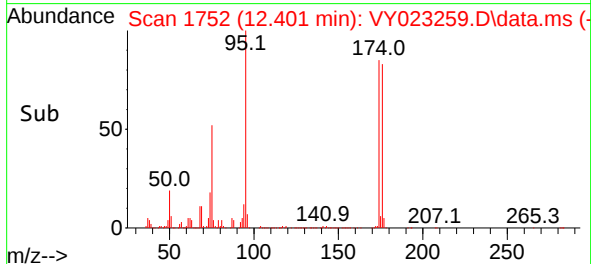
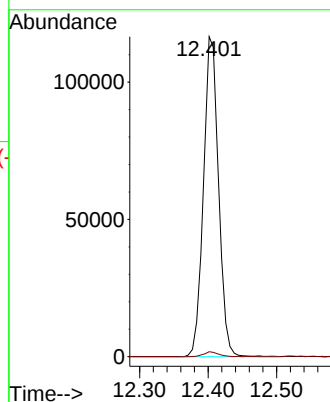
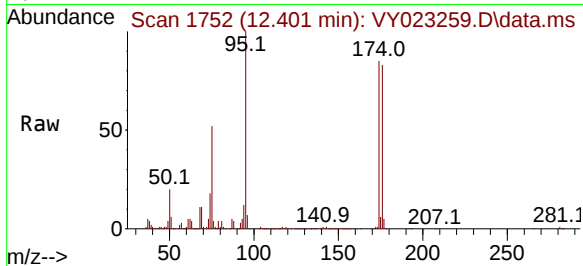




#76
1,2,3-Trichloropropane
Concen: 51.736 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023259.D
Acq: 02 Sep 2025 12:49

Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-A

Tgt Ion: 75 Resp: 178646
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.235 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.104 min
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Acq: 02 Sep 2025 12:49

Tgt Ion: 75 Resp: 178646
Ion Ratio Lower Upper
75 100
53 0.1 70.8 106.2#
89 0.0 38.1 57.1#

