

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090225\
 Data File : VY023260.D
 Acq On : 02 Sep 2025 13:13
 Operator : SY/MD
 Sample : Q2996-03
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONTAINMENT-B

Quant Time: Sep 03 03:30:01 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)

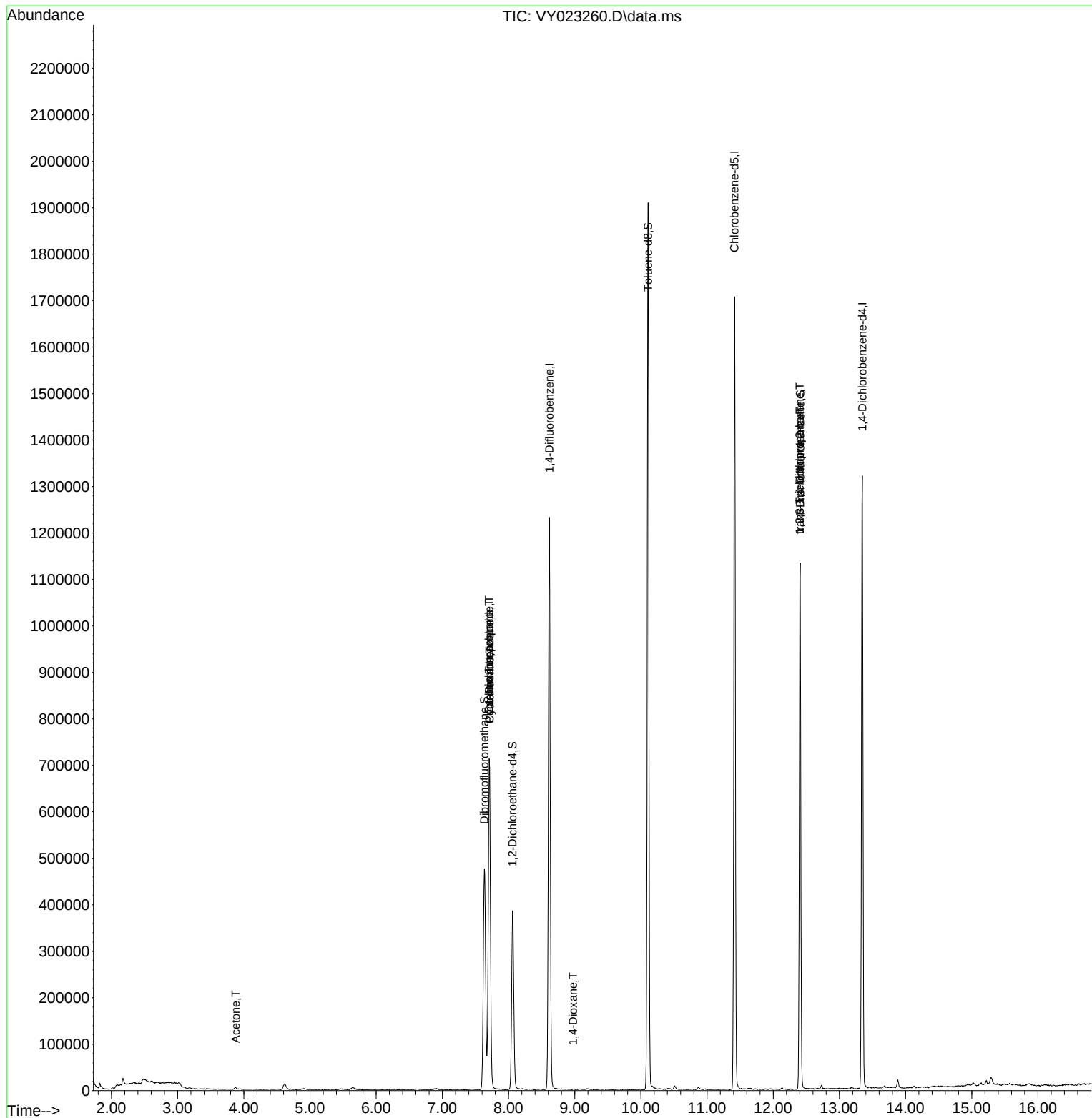
Internal Standards						
1) Pentafluorobenzene	7.713	168	575371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1073866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	926950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	354496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	301435	54.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.634	113	350800	54.594	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.180%	
50) Toluene-d8	10.109	98	1248107	49.721	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.440%	
62) 4-Bromofluorobenzene	12.408	95	342048	42.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.879	43	6771	5.699	ug/l	97
20) Methylene Chloride	4.616	84	9316	Below Cal	#	84
31) Cyclohexane	7.713	56	11144	1.091	ug/l #	16
36) 1,1-Dichloropropene	7.707	75	40972	4.291	ug/l #	50
38) Carbon Tetrachloride	7.707	117	54485	5.253	ug/l #	18
49) 1,4-Dioxane	8.975	88	63	1.382	ug/l #	7
76) 1,2,3-Trichloropropane	12.402	75	174574	51.026	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	174574	123.518	ug/l #	14

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

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Quant Time: Sep 03 03:30:01 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

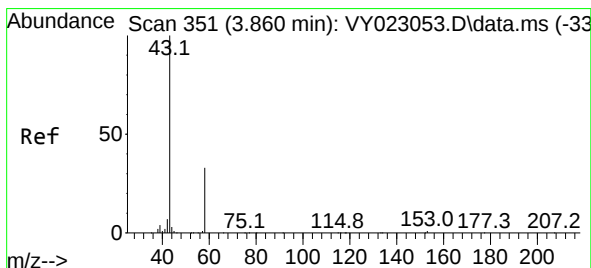
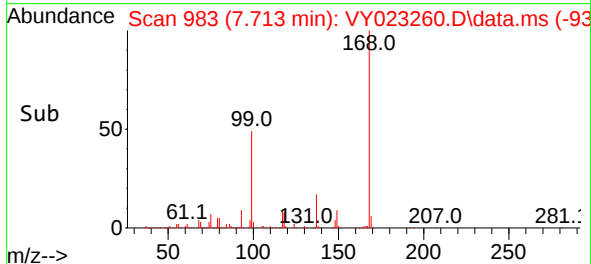
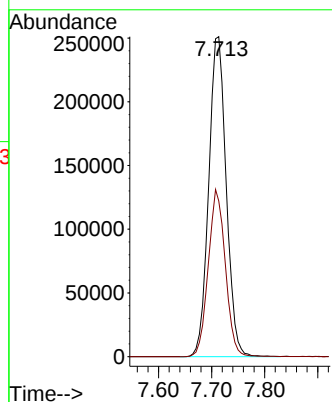
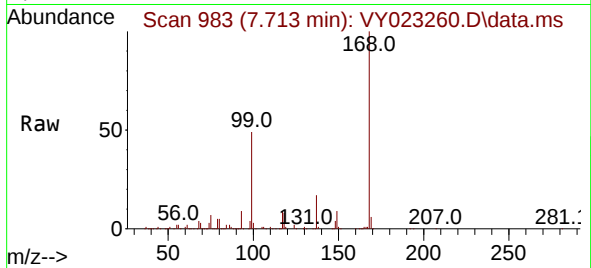




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

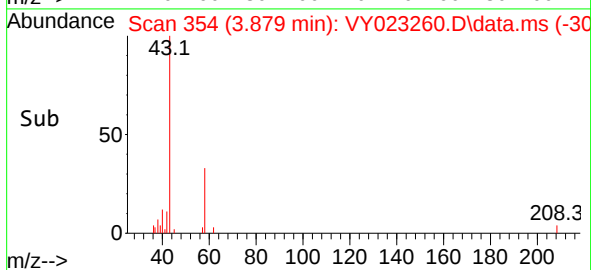
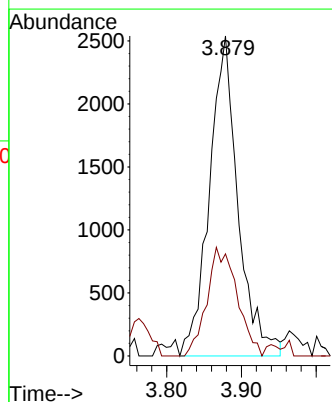
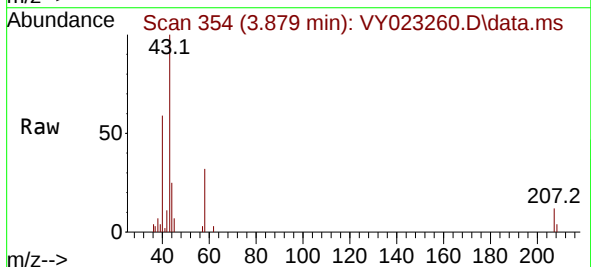
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-B

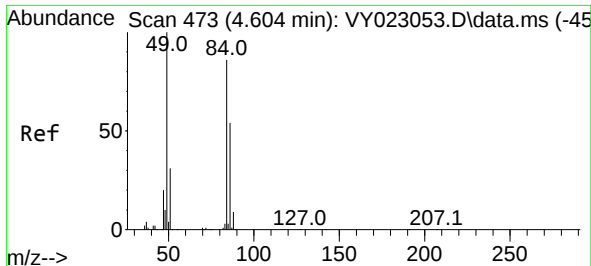
Tgt Ion:168 Resp: 575371
Ion Ratio Lower Upper
168 100
99 48.6 42.8 64.2



#16
Acetone
Concen: 5.699 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.018 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

Tgt Ion: 43 Resp: 6771
Ion Ratio Lower Upper
43 100
58 31.9 27.1 40.7

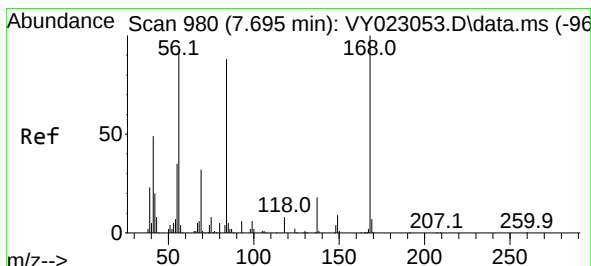
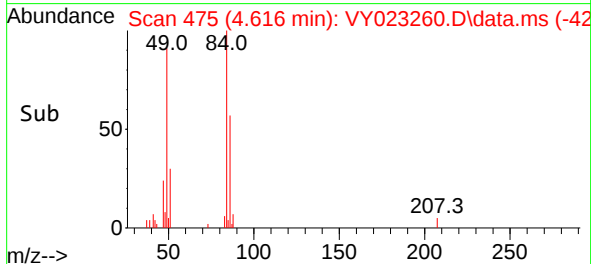
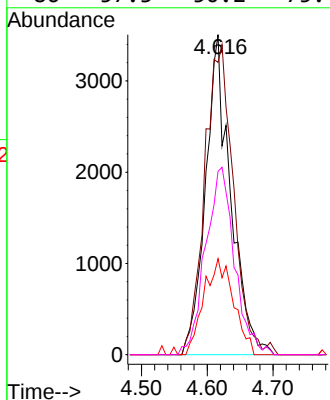
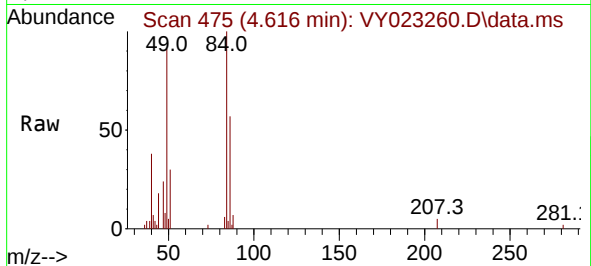




#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

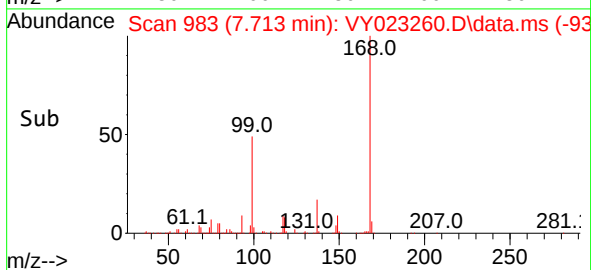
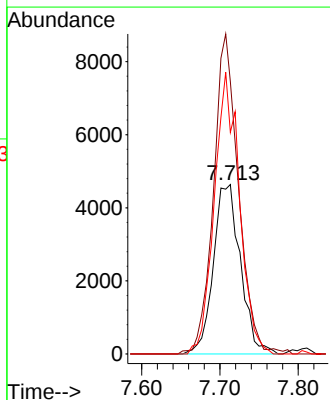
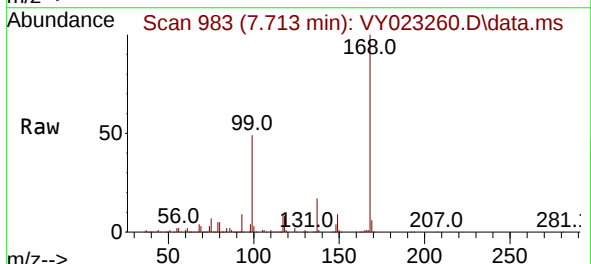
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-B

Tgt Ion:	84	Resp:	9316
Ion	Ratio	Lower	Upper
84	100		
49	91.4	93.0	139.6#
51	30.0	29.0	43.4
86	57.3	50.2	75.4



#31
Cyclohexane
Concen: 1.091 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.018 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

Tgt Ion:	56	Resp:	11144
Ion	Ratio	Lower	Upper
56	100		
69	160.7	28.2	42.2#
84	130.8	76.6	114.8#





#33

1,2-Dichloroethane-d4

Concen: 54.969 ug/l

RT: 8.061 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY023260.D

Acq: 02 Sep 2025 13:13

Instrument :

MSVOA_Y

ClientSampleId :

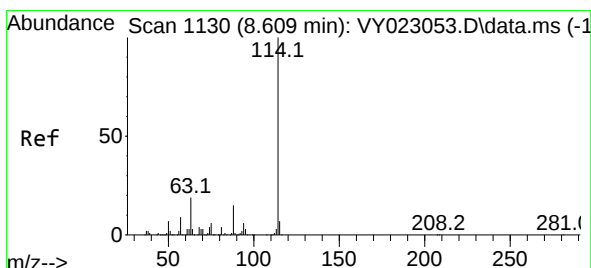
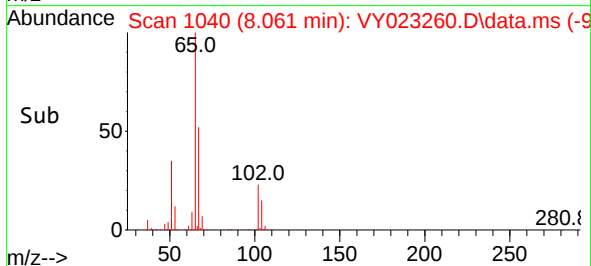
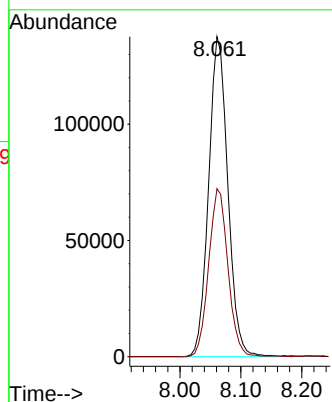
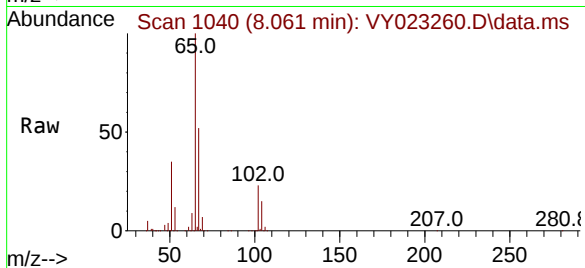
CONTAINMENT-B

Tgt Ion: 65 Resp: 301435

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: VY023260.D

Acq: 02 Sep 2025 13:13

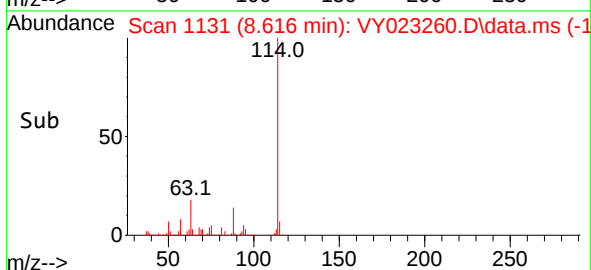
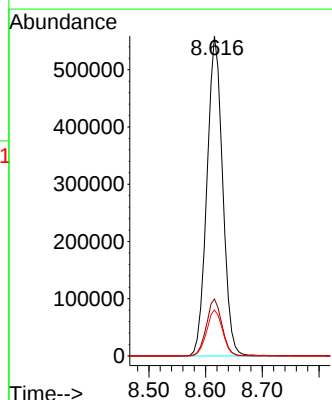
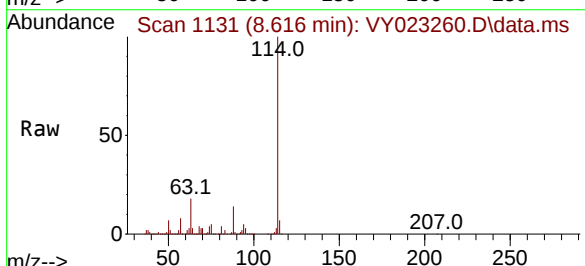
Tgt Ion:114 Resp: 1073866

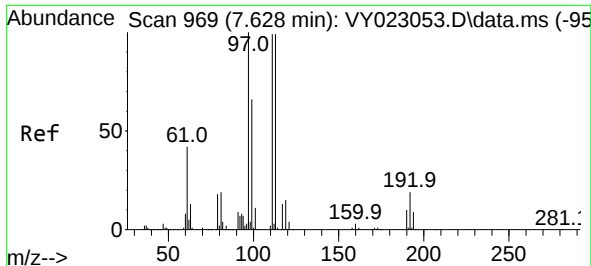
Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 14.3 0.0 30.0

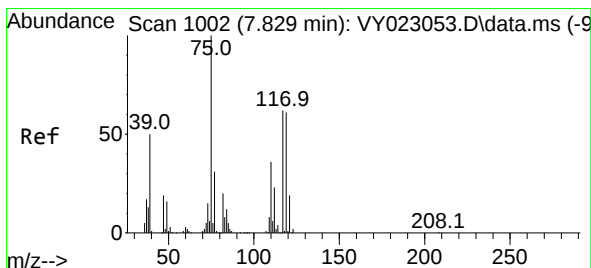
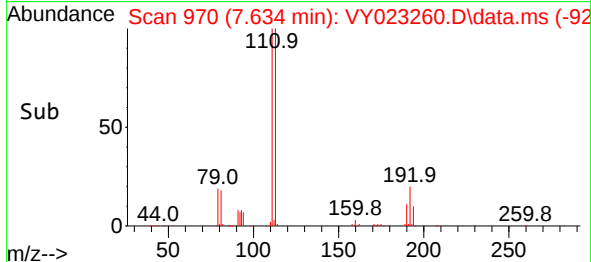
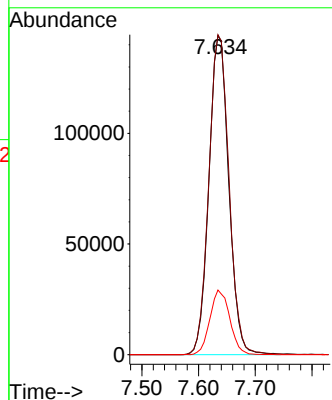
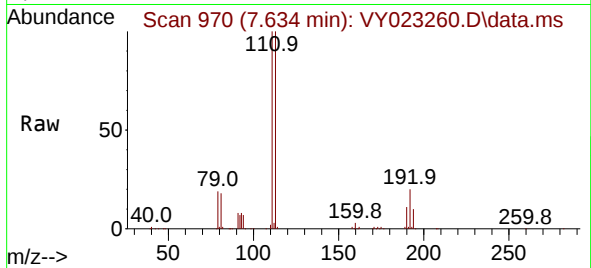




#35
Dibromofluoromethane
Concen: 54.594 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

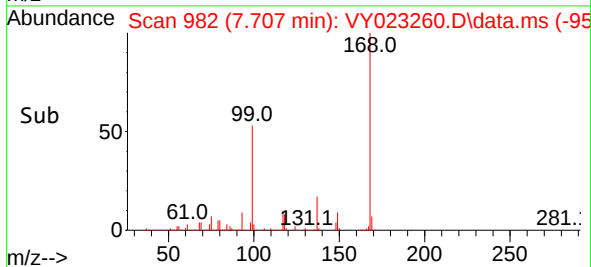
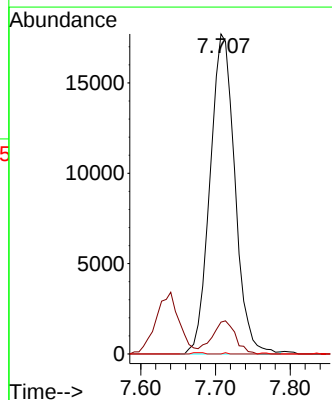
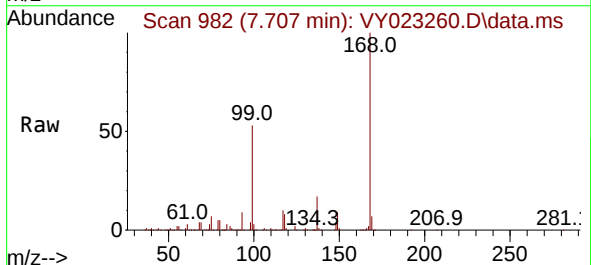
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-B

Tgt Ion:113 Resp: 350800
Ion Ratio Lower Upper
113 100
111 102.0 81.1 121.7
192 20.3 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.291 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

Tgt Ion: 75 Resp: 40972
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.1 24.6 37.0#

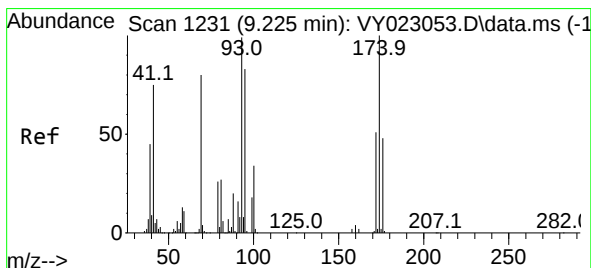
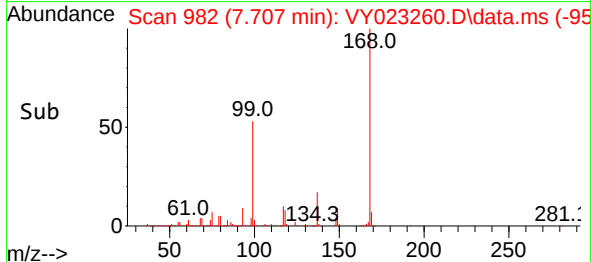
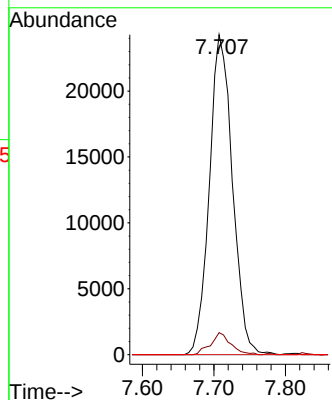
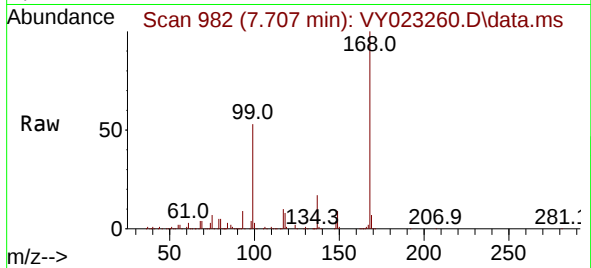




#38
Carbon Tetrachloride
Concen: 5.253 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

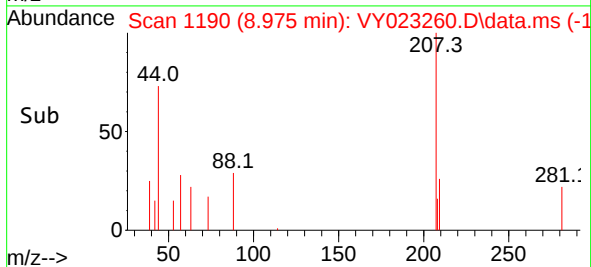
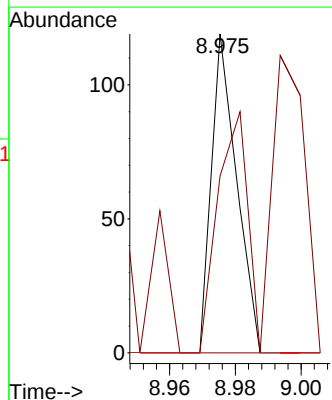
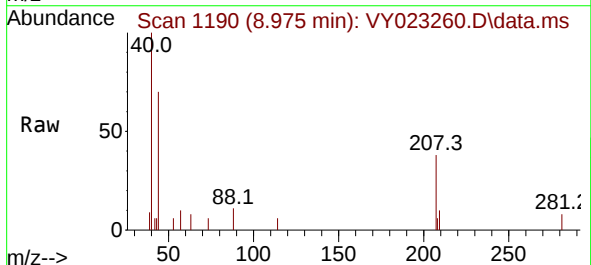
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-B

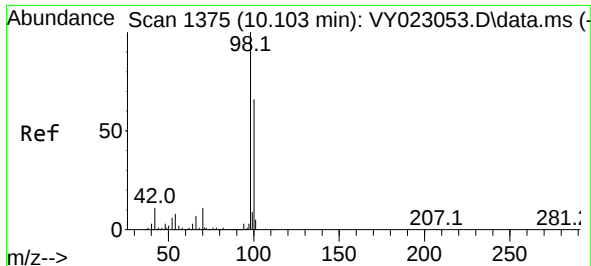
Tgt Ion:117 Resp: 54485
Ion Ratio Lower Upper
117 100
119 6.9 75.6 113.4#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 1.382 ug/l
RT: 8.975 min Scan# 1190
Delta R.T. -0.250 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 90.5 24.3 36.5#
58 0.0 55.4 83.0#

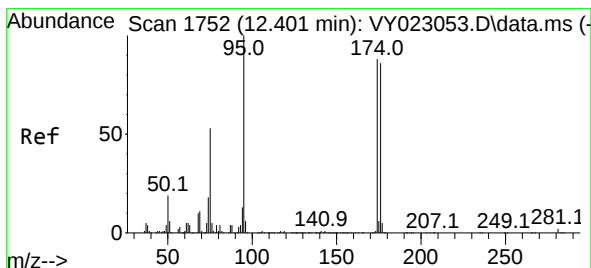
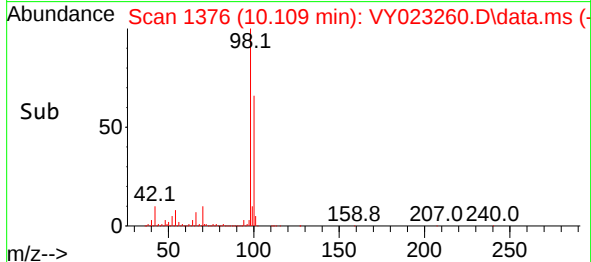
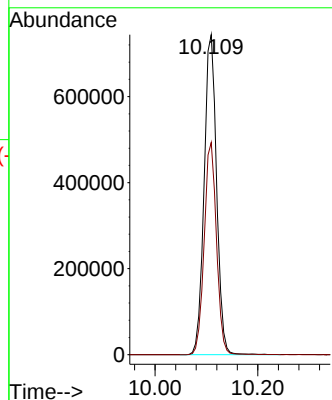
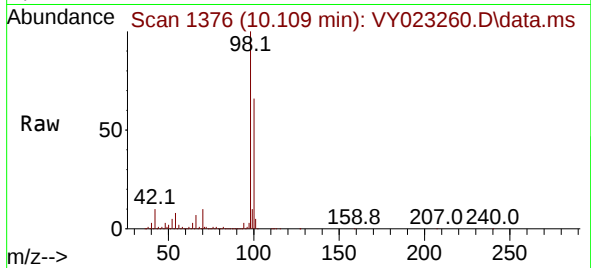




#50
Toluene-d8
Concen: 49.721 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

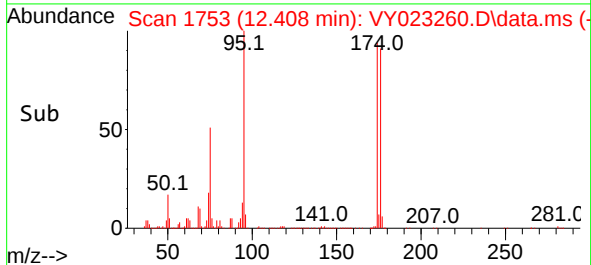
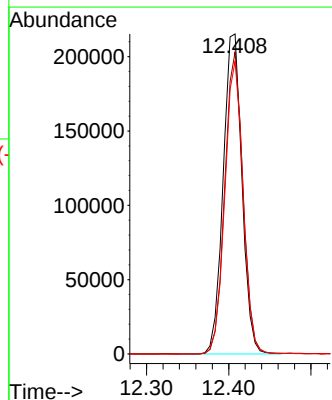
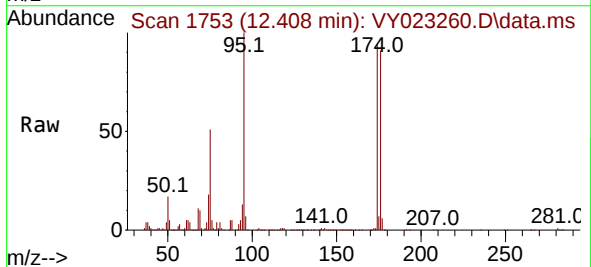
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CONTAINMENT-B

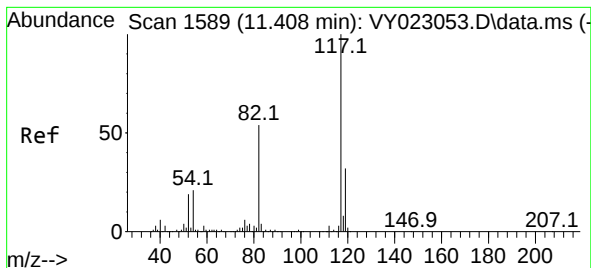
Tgt Ion: 98 Resp: 1248107
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.370 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

Tgt Ion: 95 Resp: 342048
Ion Ratio Lower Upper
95 100
174 91.9 0.0 171.6
176 89.0 0.0 167.6

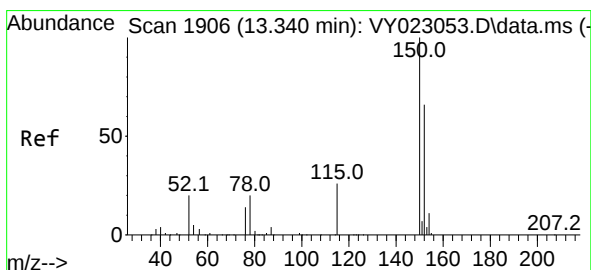
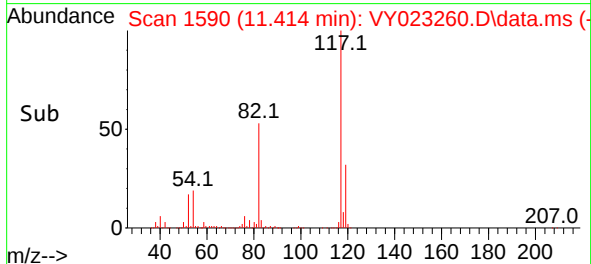
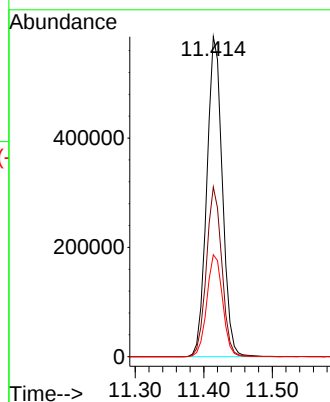
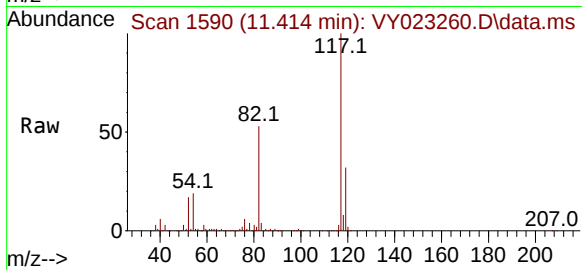




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

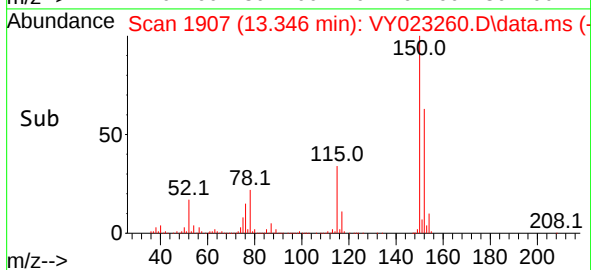
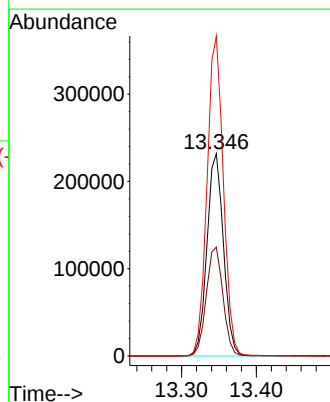
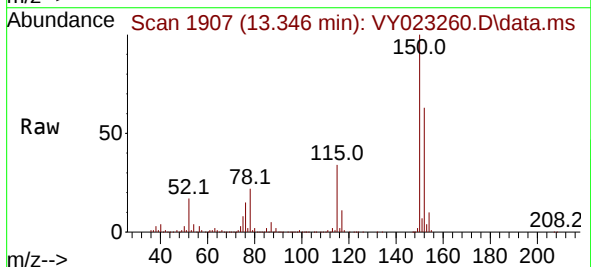
Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-B

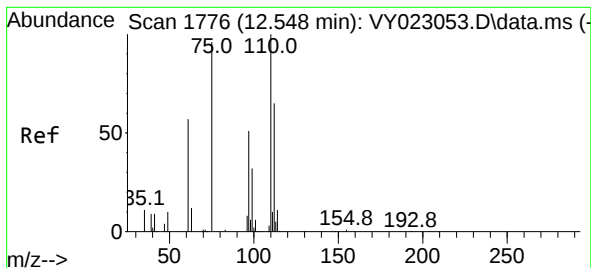
Tgt Ion:117 Resp: 926950
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

Tgt Ion:152 Resp: 354496
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.6
150 156.4 0.0 348.0

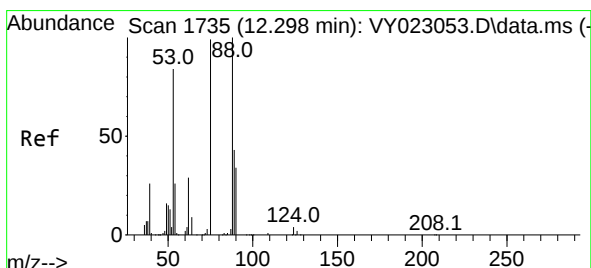
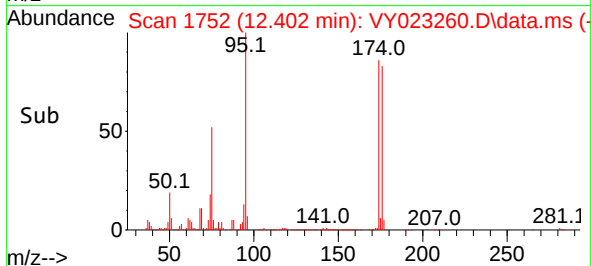
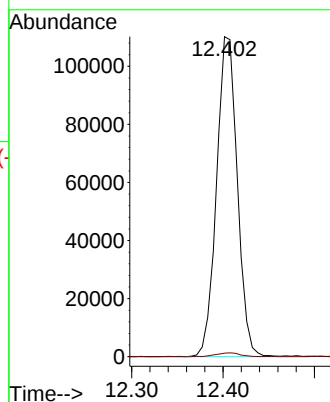
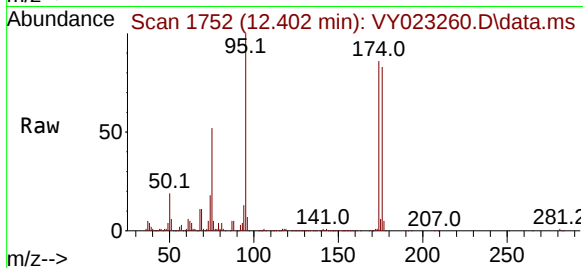




#76
1,2,3-Trichloropropane
Concen: 51.026 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

Instrument :
MSVOA_Y
ClientSampleId :
CONTAINMENT-B

Tgt Ion: 75 Resp: 174574
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.518 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY023260.D
Acq: 02 Sep 2025 13:13

Tgt Ion: 75 Resp: 174574
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.0 38.1 57.1#

