

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082925\
 Data File : VY023245.D
 Acq On : 29 Aug 2025 14:18
 Operator : SY/MD
 Sample : Q2986-05
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-TP-3

Quant Time: Aug 30 01:22:16 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)

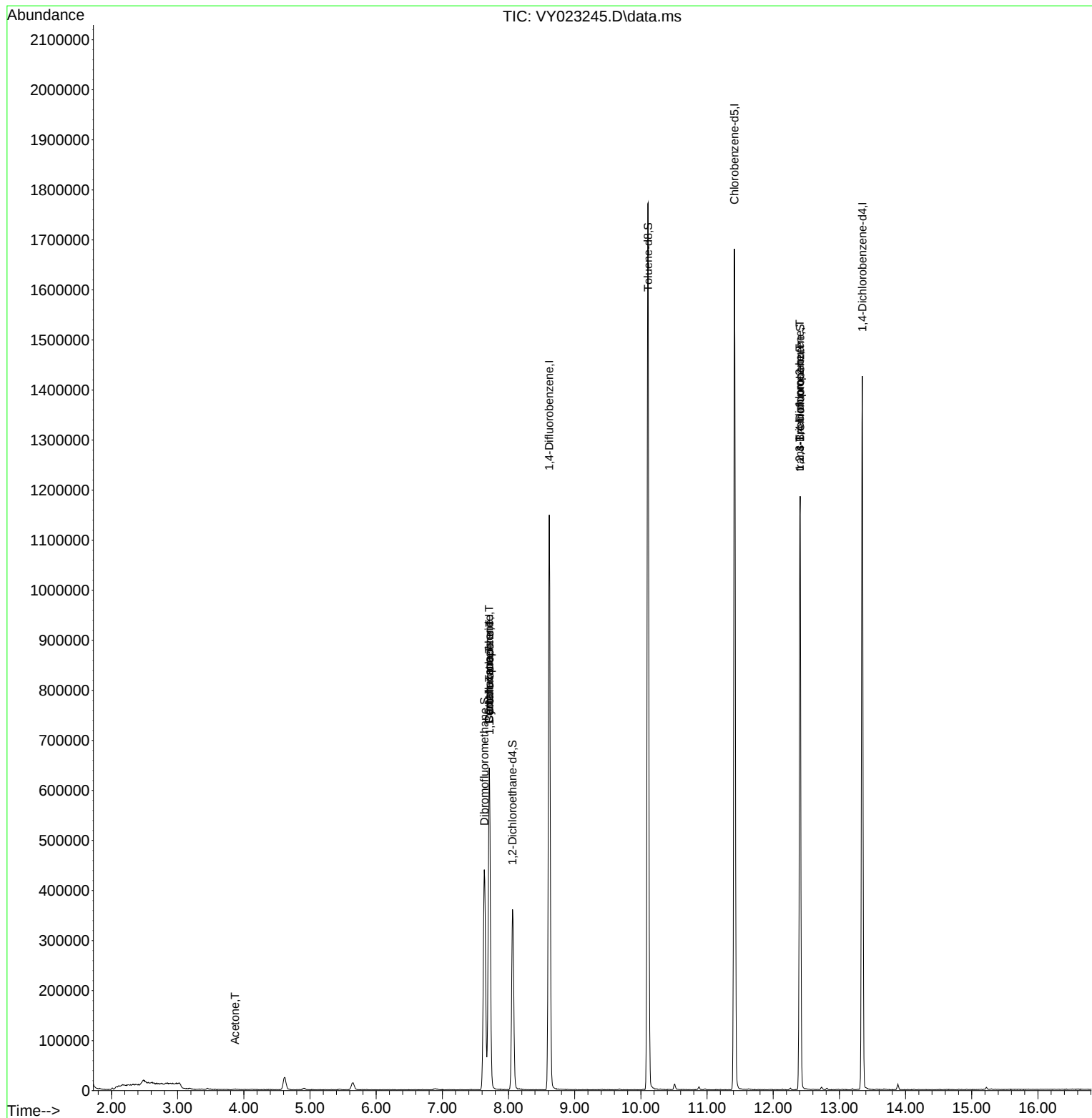
Internal Standards						
1) Pentafluorobenzene	7.707	168	517425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	988166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	907933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	370766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	282466	57.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.560%	
35) Dibromofluoromethane	7.634	113	318449	53.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.720%	
50) Toluene-d8	10.109	98	1190041	51.519	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.408	95	352504	47.452	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.900%	
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	1802	1.687	ug/l	100
31) Cyclohexane	7.707	56	10014	1.090	ug/l #	2
36) 1,1-Dichloropropene	7.713	75	38362	4.366	ug/l #	49
38) Carbon Tetrachloride	7.707	117	50103	5.250	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	180540	50.454	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	180540	122.134	ug/l #	14

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

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Response via : Initial Calibration

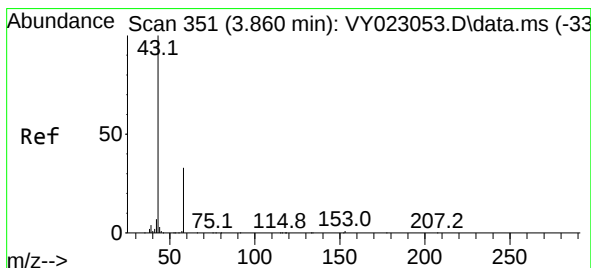
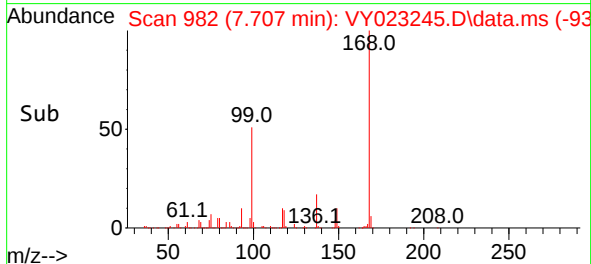
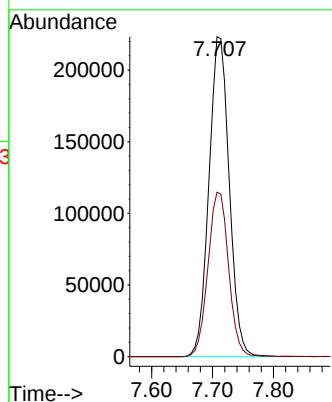
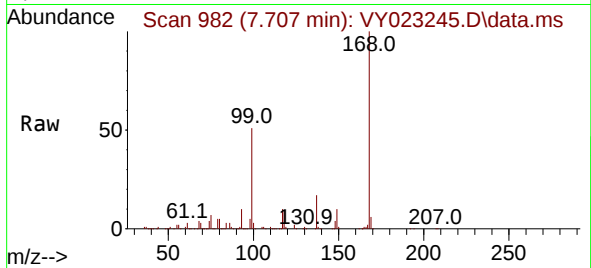




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

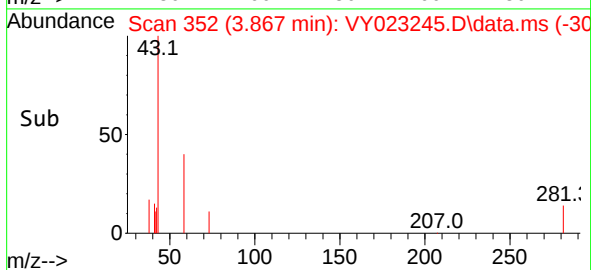
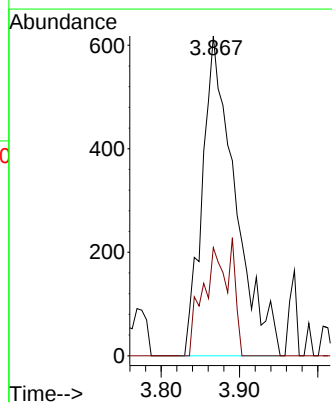
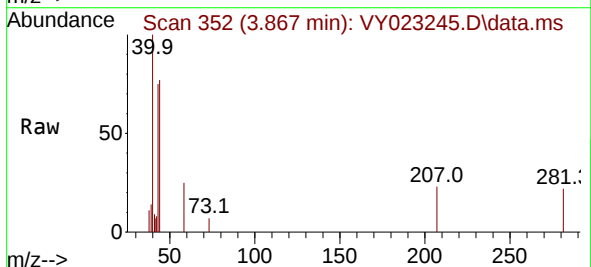
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-TP-3

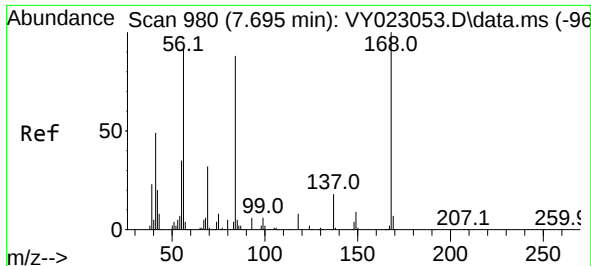
Tgt Ion:168 Resp: 517425
Ion Ratio Lower Upper
168 100
99 51.4 42.8 64.2



#16
Acetone
Concen: 1.687 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

Tgt Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
58 33.8 27.1 40.7

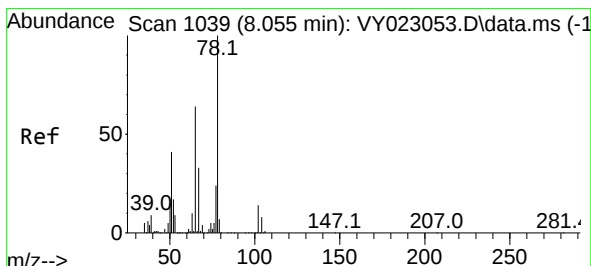
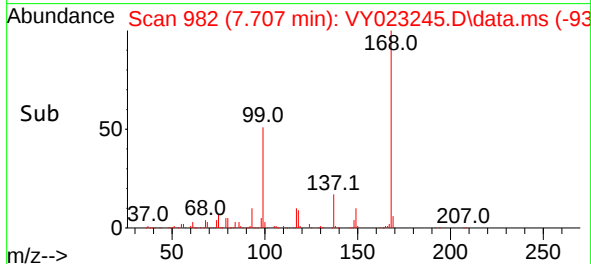
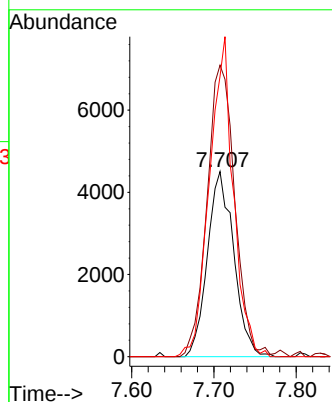
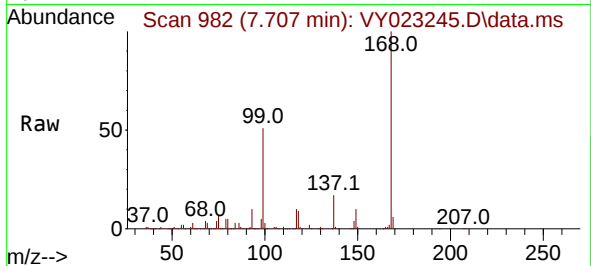




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

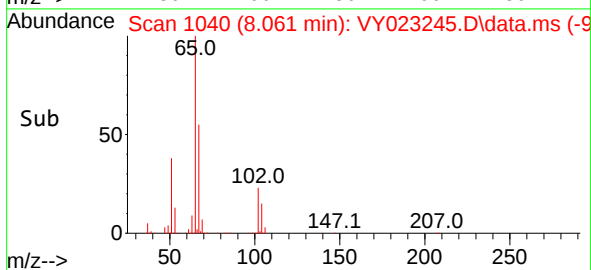
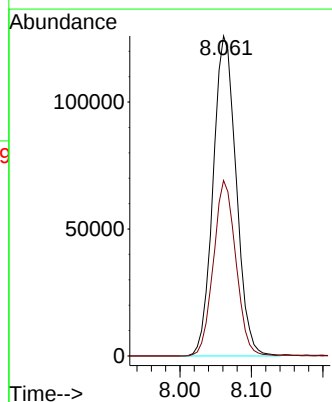
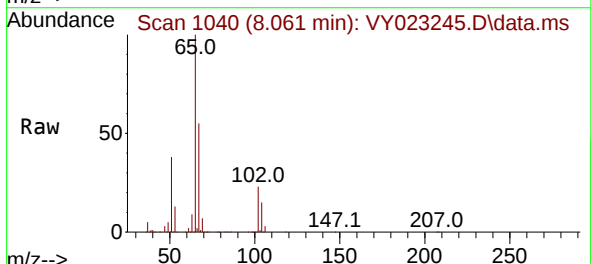
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-TP-3

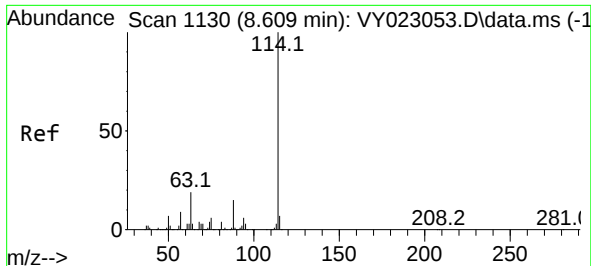
Tgt Ion: 56 Resp: 10014
Ion Ratio Lower Upper
56 100
69 157.6 28.2 42.2#
84 151.6 76.6 114.8#



#33
1,2-Dichloroethane-d4
Concen: 57.279 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

Tgt Ion: 65 Resp: 282466
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8

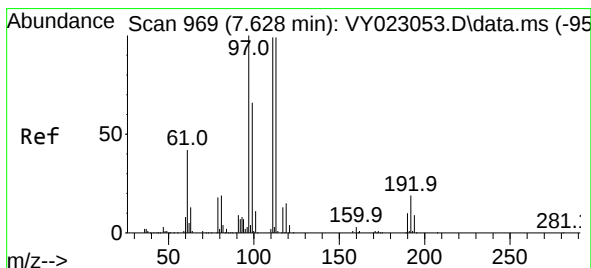
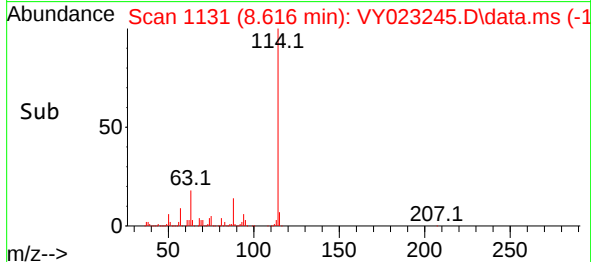
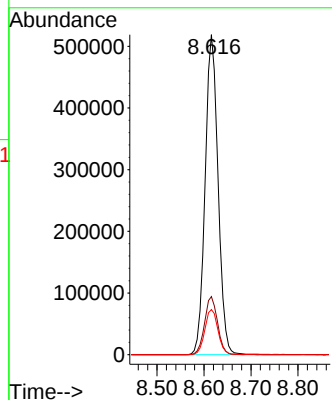
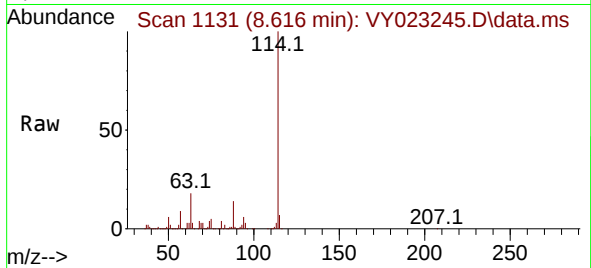




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

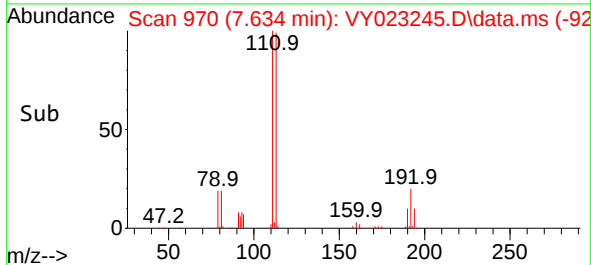
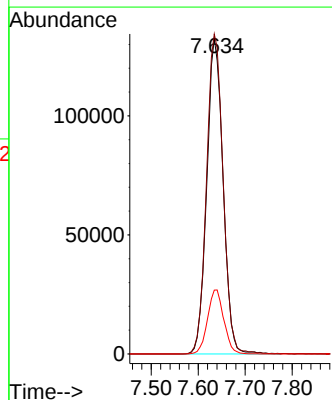
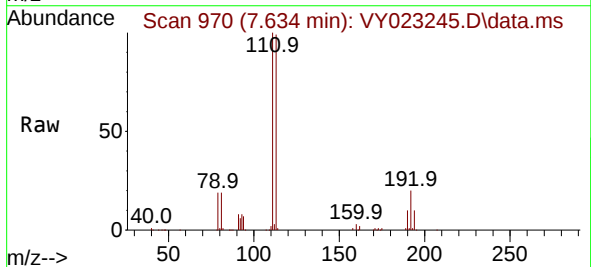
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-TP-3

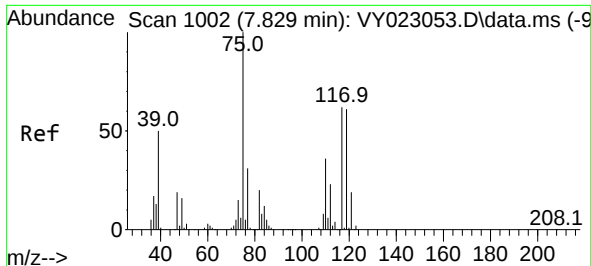
Tgt Ion:114 Resp: 988166
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 14.1 0.0 30.0



#35
Dibromofluoromethane
Concen: 53.857 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

Tgt Ion:113 Resp: 318449
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 20.3 16.2 24.4

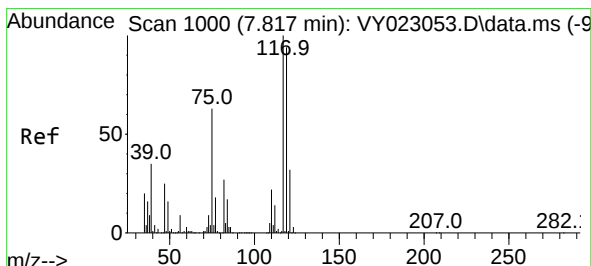
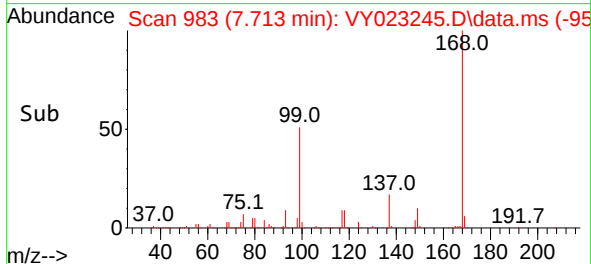
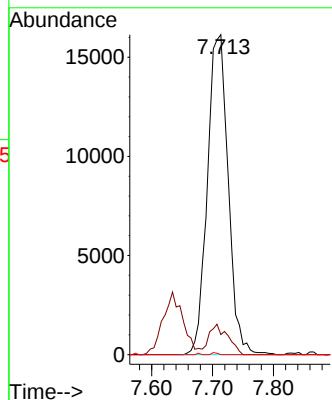
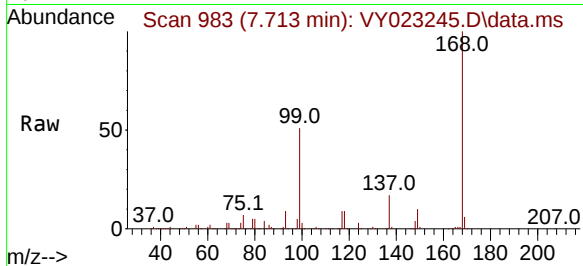




#36
 1,1-Dichloropropene
 Concen: 4.366 ug/l
 RT: 7.713 min Scan# 91
 Delta R.T. -0.116 min
 Lab File: VY023245.D
 Acq: 29 Aug 2025 14:18

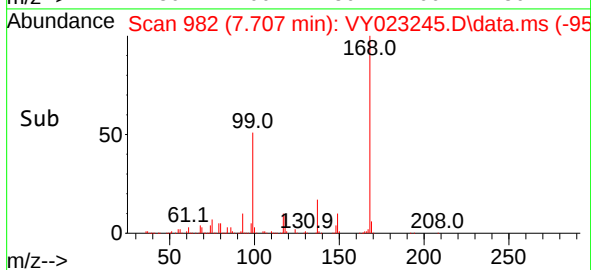
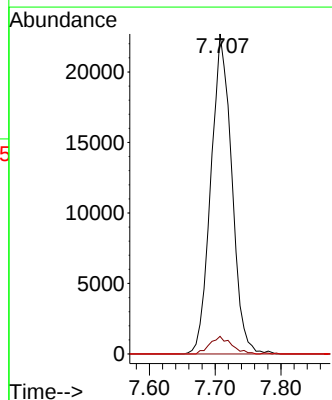
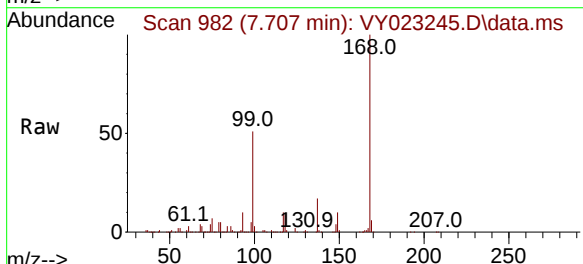
Instrument :
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 ClientSampleId :
 NORTH-TP-3

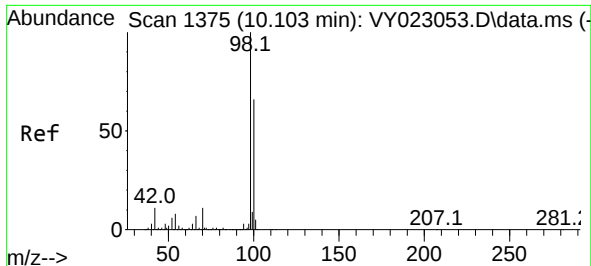
Tgt Ion: 75 Resp: 38362
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.4#
 77 0.2 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.250 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.110 min
 Lab File: VY023245.D
 Acq: 29 Aug 2025 14:18

Tgt Ion: 117 Resp: 50103
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.6 113.4#
 121 0.0 25.8 38.8#

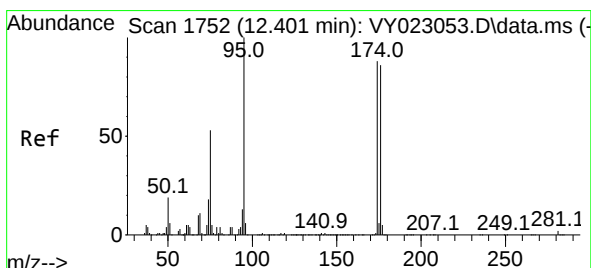
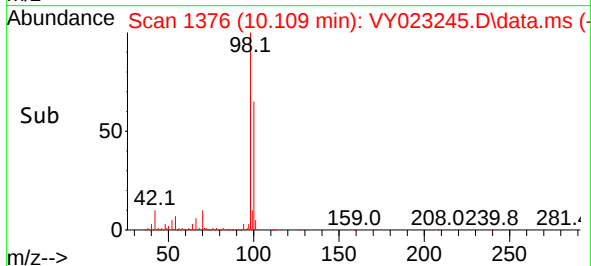
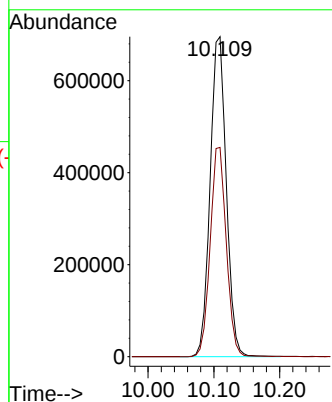
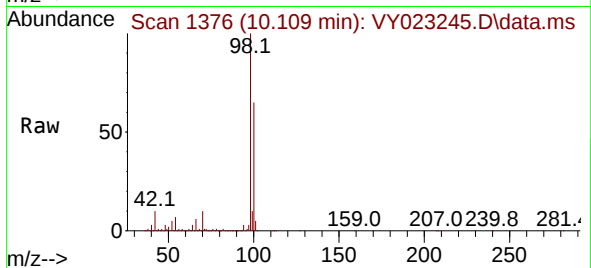




#50
Toluene-d8
Concen: 51.519 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

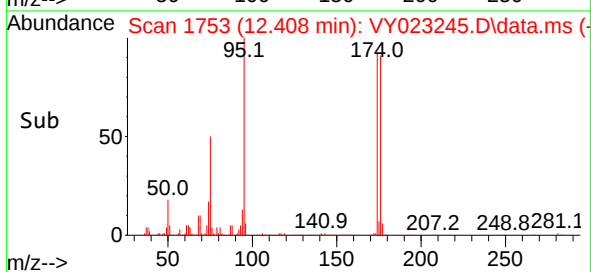
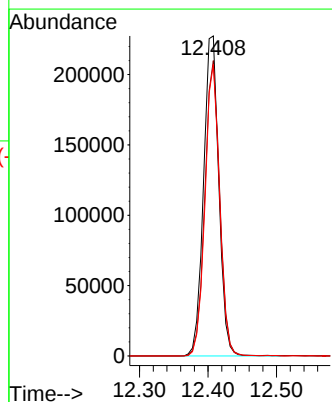
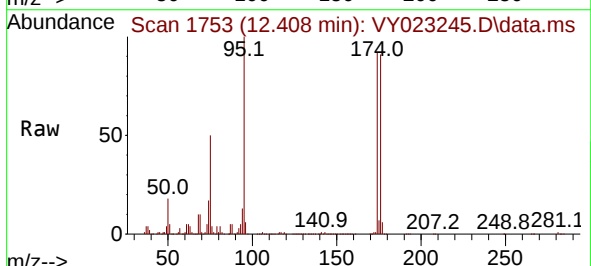
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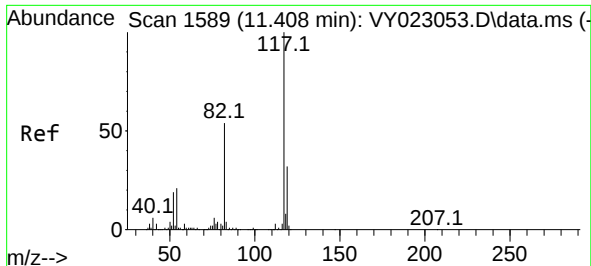
Tgt Ion: 98 Resp: 1190041
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.452 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

Tgt Ion: 95 Resp: 352504
Ion Ratio Lower Upper
95 100
174 90.3 0.0 171.6
176 87.4 0.0 167.6

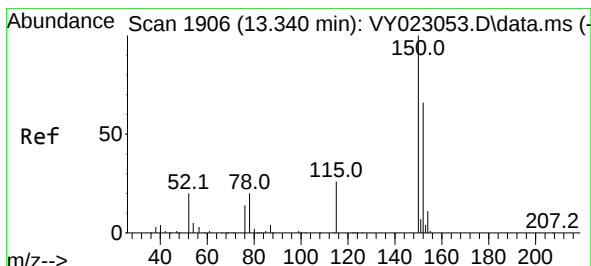
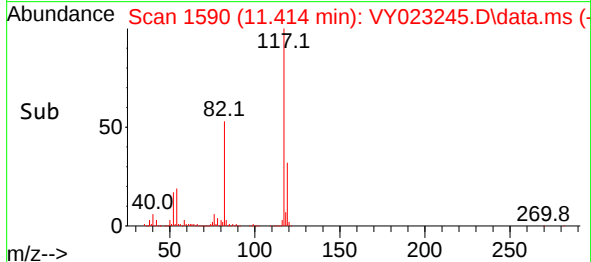
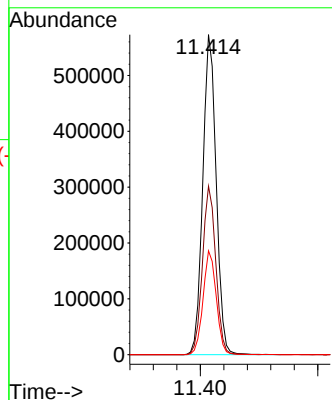
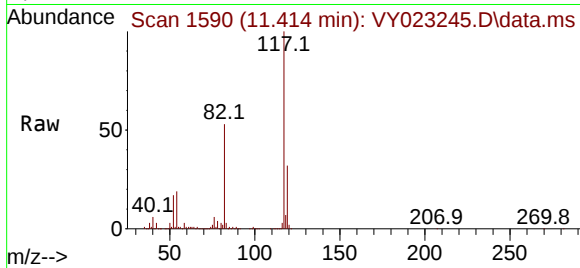




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

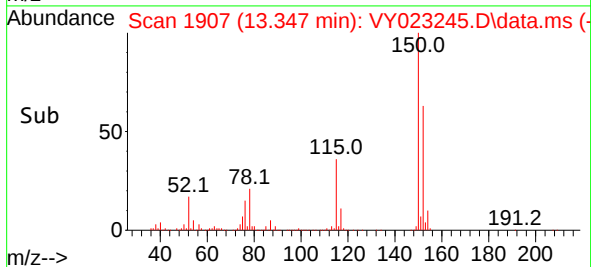
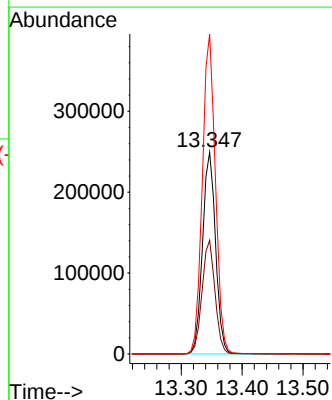
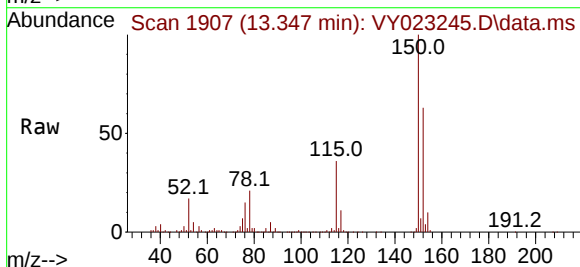
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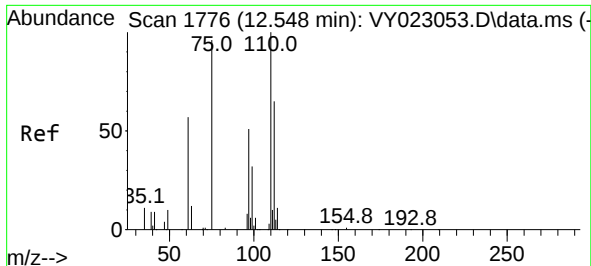
Tgt Ion:117 Resp: 907933
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

Tgt Ion:152 Resp: 370766
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.6
150 158.8 0.0 348.0

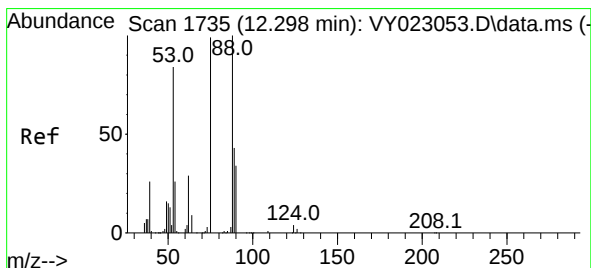
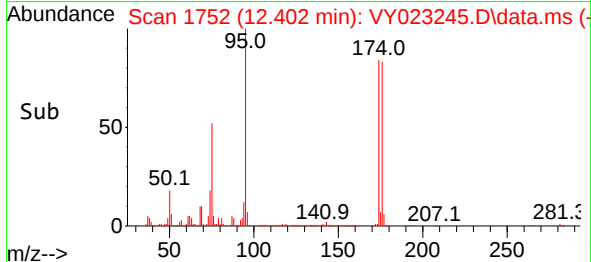
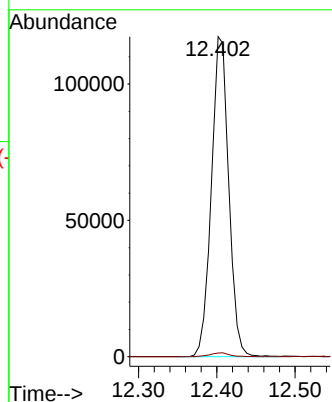
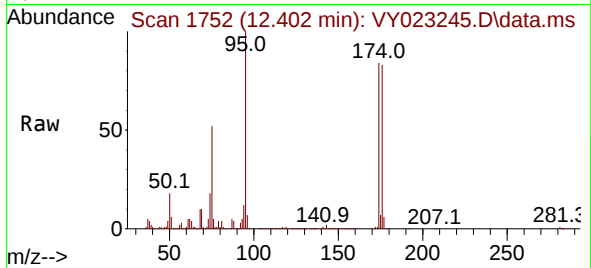




#76
1,2,3-Trichloropropane
Concen: 50.454 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.146 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

Instrument :
MSVOA_Y
ClientSampleId :
NORTH-TP-3

Tgt Ion: 75 Resp: 180540
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.134 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.104 min
Lab File: VY023245.D
Acq: 29 Aug 2025 14:18

Tgt Ion: 75 Resp: 180540
Ion Ratio Lower Upper
75 100
53 0.2 70.8 106.2#
89 0.0 38.1 57.1#

