

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022047.D
 Acq On : 29 Apr 2025 10:00
 Operator : SY/MD
 Sample : VY0429SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBL01

Quant Time: Apr 30 01:32:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

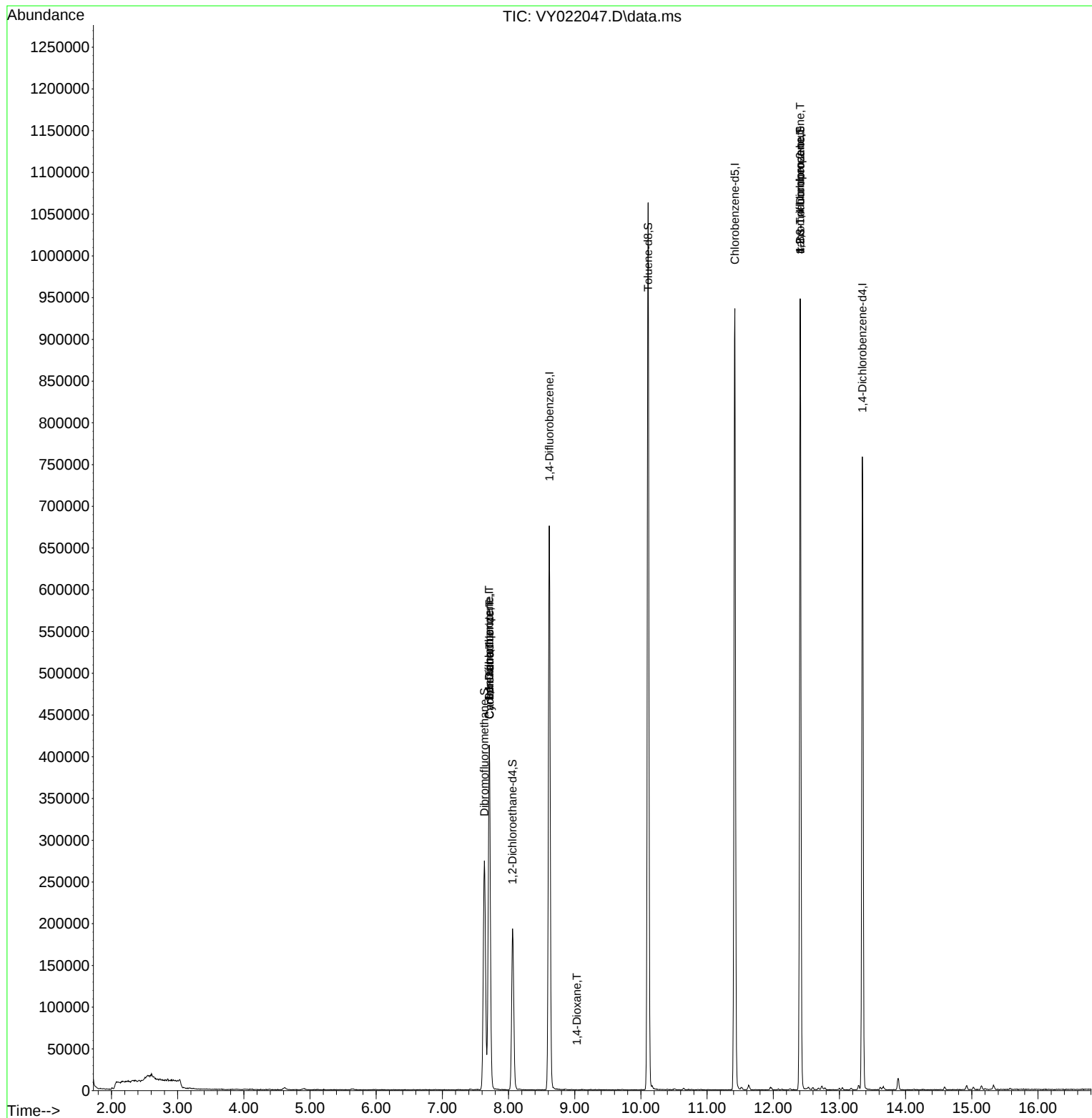
Internal Standards						
1) Pentafluorobenzene	7.707	168	323132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	602161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	529726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	203699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150135	50.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.600%	
35) Dibromofluoromethane	7.634	113	198621	49.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.860%	
50) Toluene-d8	10.109	98	714245	47.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.240%	
62) 4-Bromofluorobenzene	12.408	95	285524	56.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.100%	
Target Compounds						Qvalue
16) Acetone	3.879	43	623	Below Cal	#	41
31) Cyclohexane	7.713	56	5814	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	23015	4.307	ug/l #	49
38) Carbon Tetrachloride	7.713	117	31472	4.929	ug/l #	16
49) 1,4-Dioxane	9.030	88	45	1.826	ug/l #	28
76) 1,2,3-Trichloropropane	12.408	75	135794	77.829	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	135794	187.423	ug/l #	16

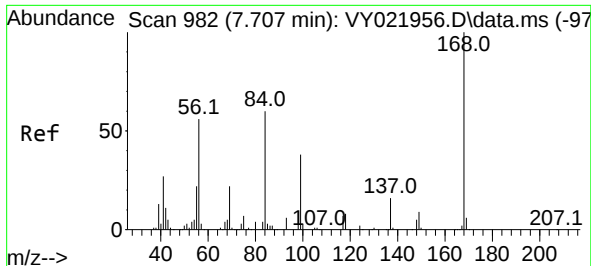
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
Data File : VY022047.D
Acq On : 29 Apr 2025 10:00
Operator : SY/MD
Sample : VY0429SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

Quant Time: Apr 30 01:32:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

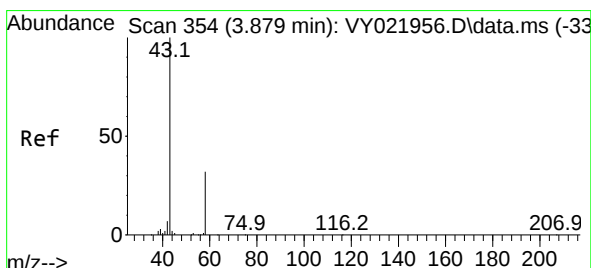
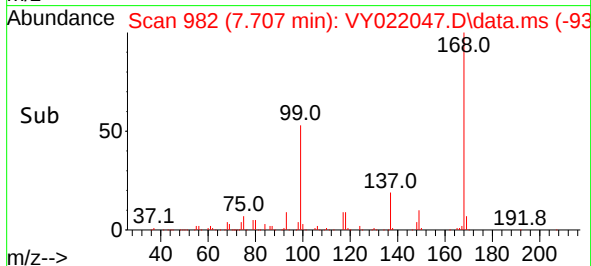
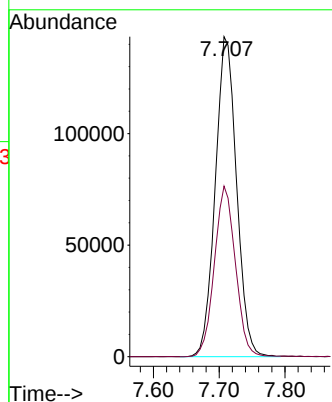
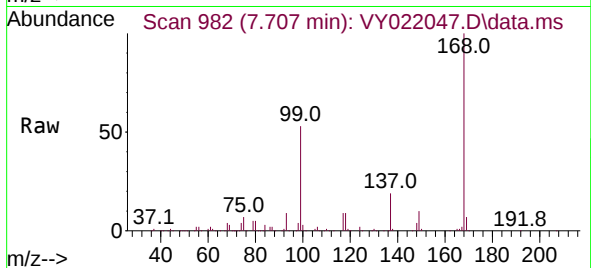




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

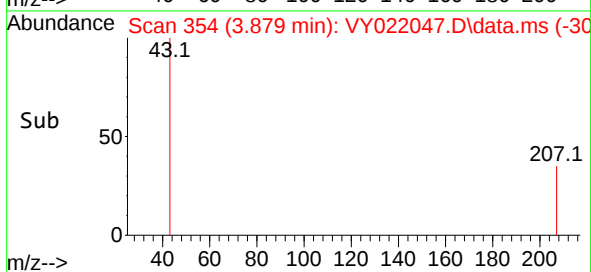
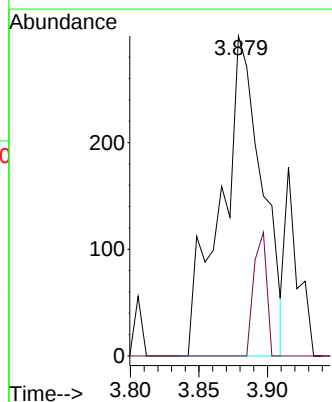
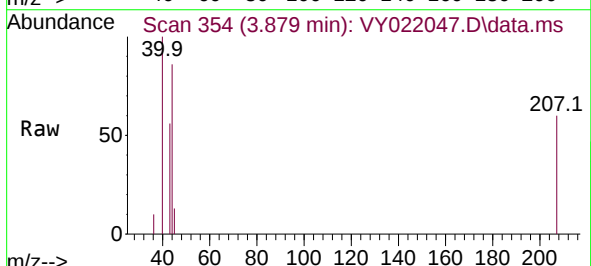
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

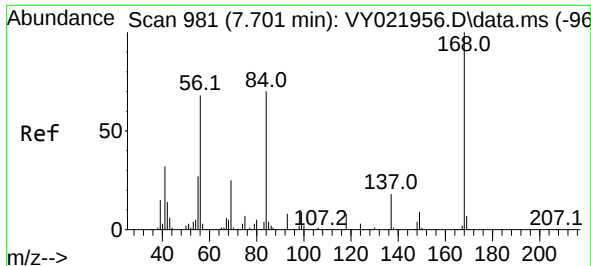
Tgt Ion:168 Resp: 323132
Ion Ratio Lower Upper
168 100
99 53.3 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

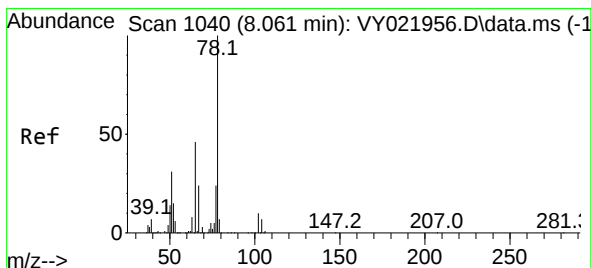
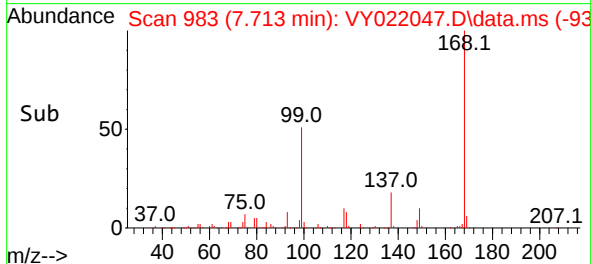
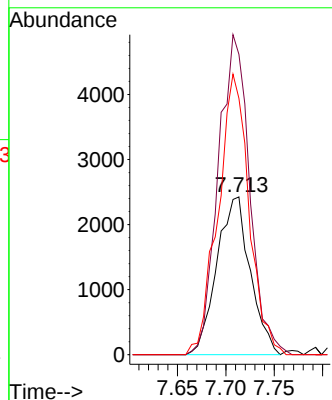
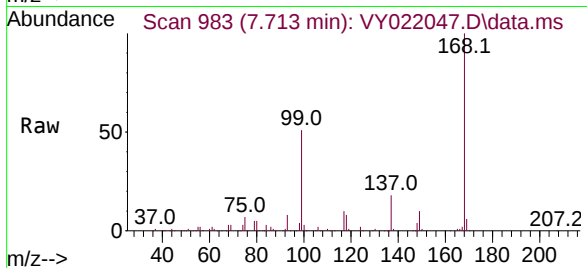




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

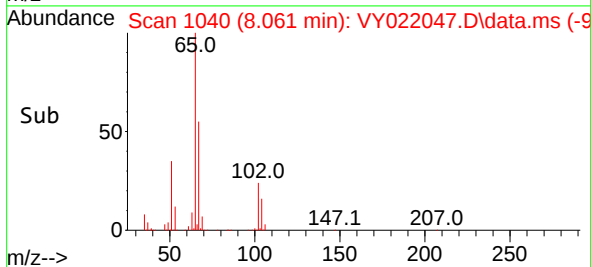
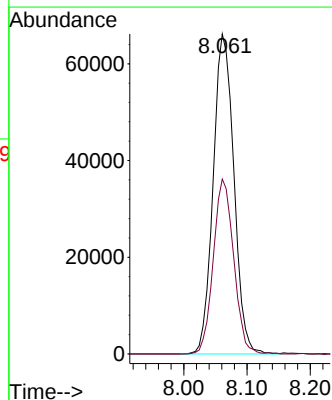
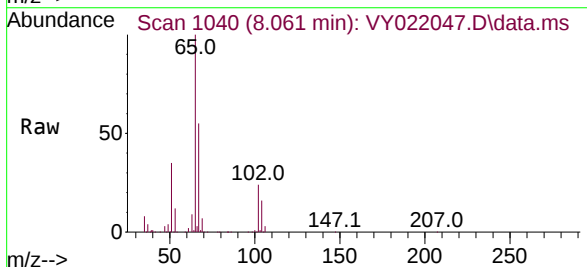
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

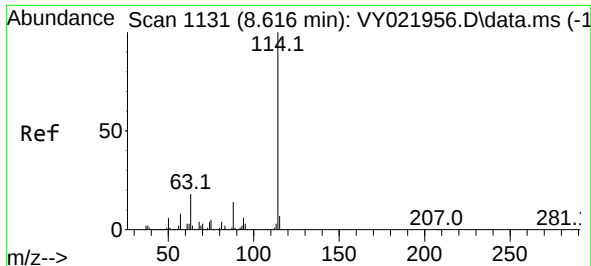
Tgt Ion: 56 Resp: 5814
Ion Ratio Lower Upper
56 100
69 190.3 29.4 44.2#
84 162.4 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 50.301 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

Tgt Ion: 65 Resp: 150135
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.8

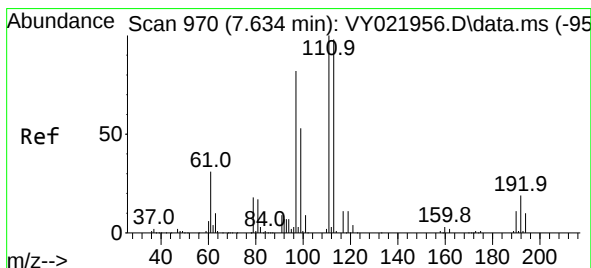
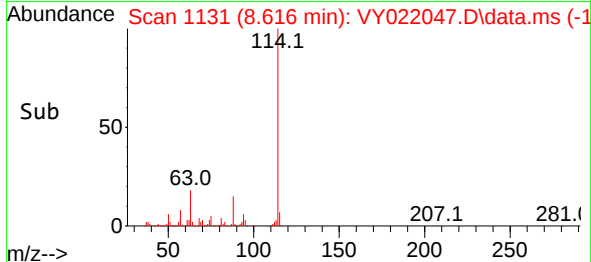
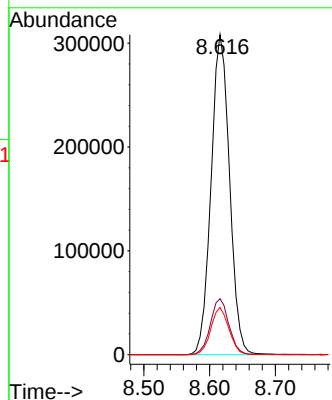
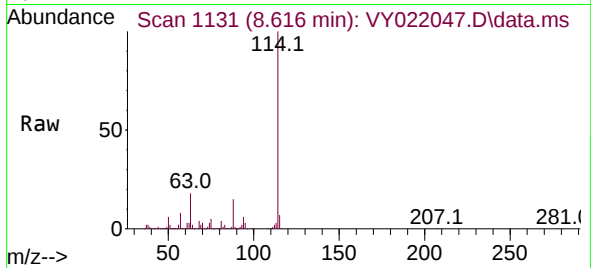




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

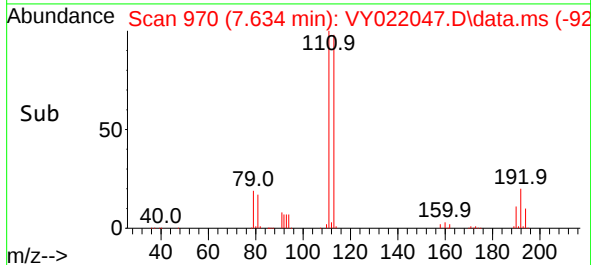
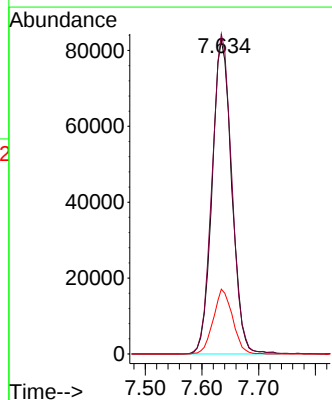
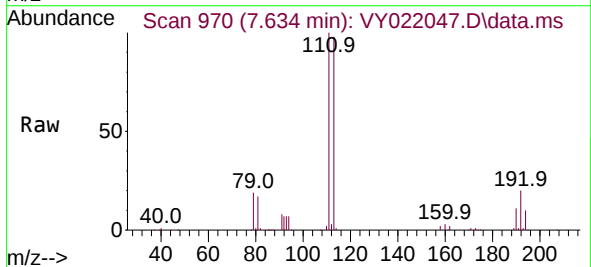
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

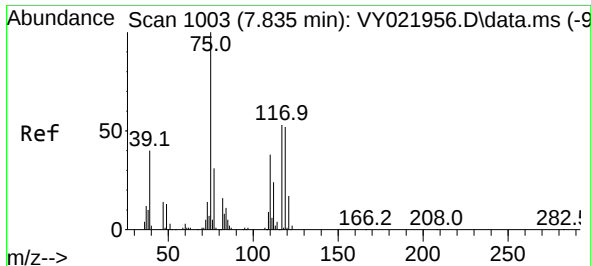
Tgt Ion:114 Resp: 602161
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.4
88 14.8 0.0 28.2



#35
Dibromofluoromethane
Concen: 49.927 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

Tgt Ion:113 Resp: 198621
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 20.3 15.6 23.4

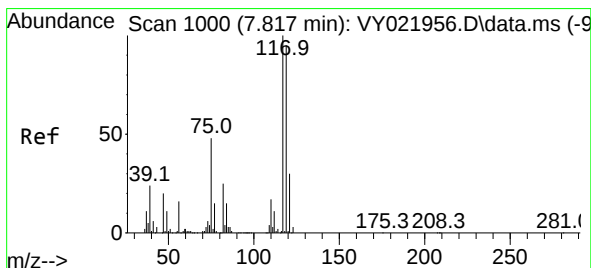
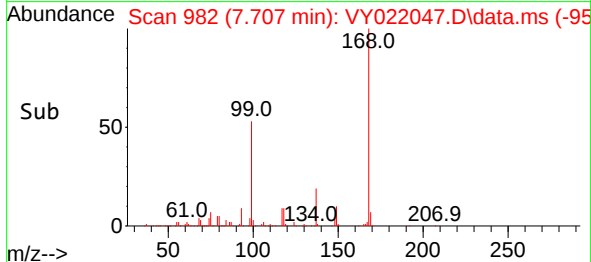
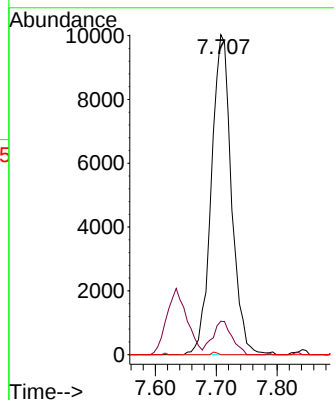
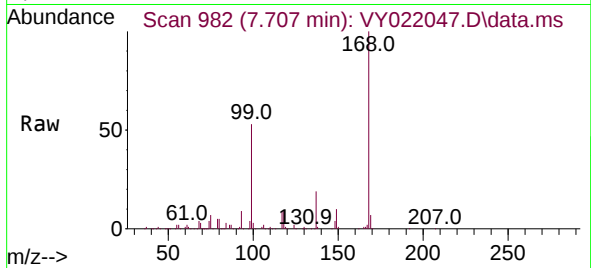




#36
 1,1-Dichloropropene
 Concen: 4.307 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY022047.D
 Acq: 29 Apr 2025 10:00

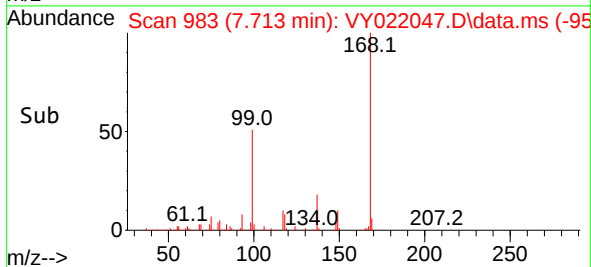
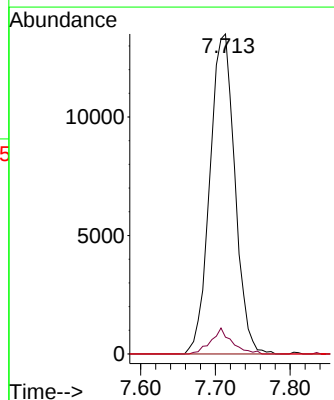
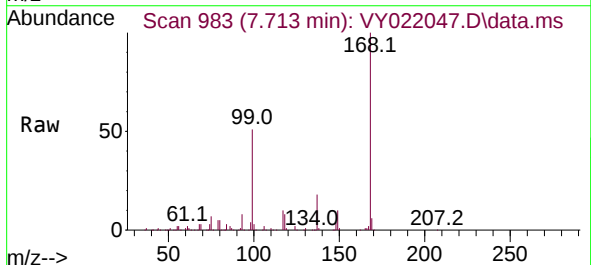
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBL01

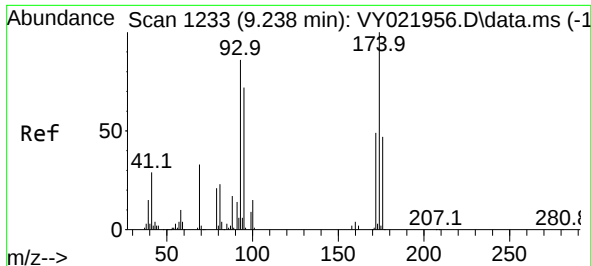
Tgt Ion: 75 Resp: 23015
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.1 57.3#
 77 0.2 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 4.929 ug/l
 RT: 7.713 min Scan# 983
 Delta R.T. -0.104 min
 Lab File: VY022047.D
 Acq: 29 Apr 2025 10:00

Tgt Ion: 117 Resp: 31472
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.2 114.4#
 121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.826 ug/l

RT: 9.030 min Scan# 1199

Delta R.T. -0.207 min

Lab File: VY022047.D

Acq: 29 Apr 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBL01

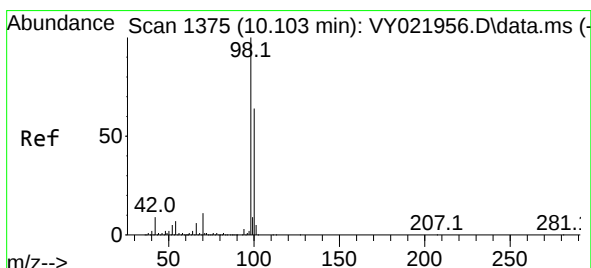
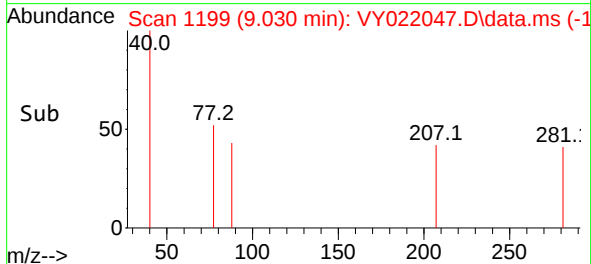
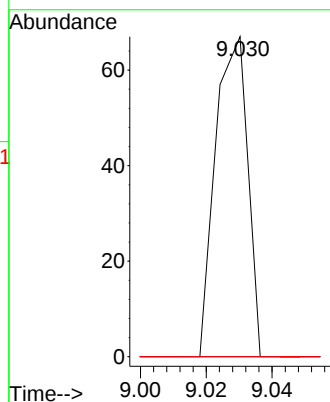
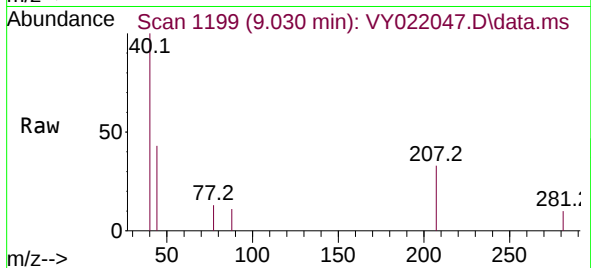
Tgt Ion: 88 Resp: 45

Ion Ratio Lower Upper

88 100

43 0.0 21.3 31.9#

58 0.0 50.5 75.7#



#50

Toluene-d8

Concen: 47.623 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022047.D

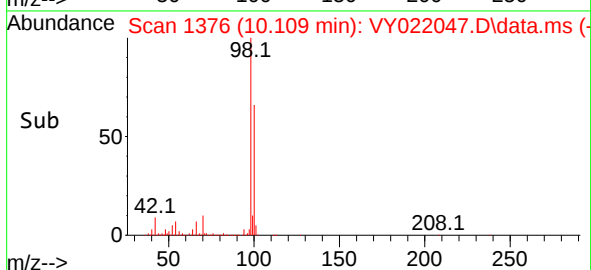
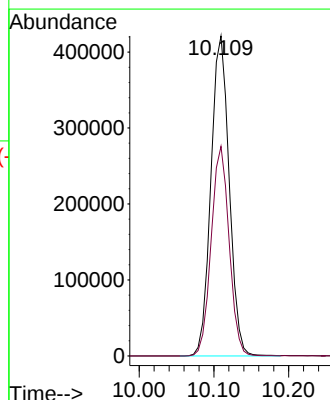
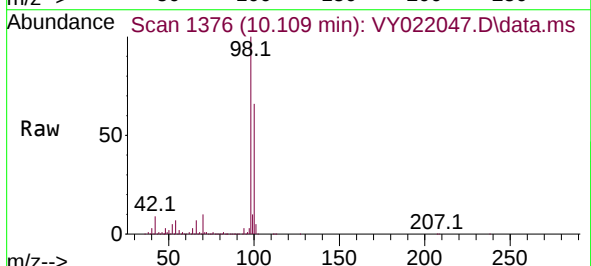
Acq: 29 Apr 2025 10:00

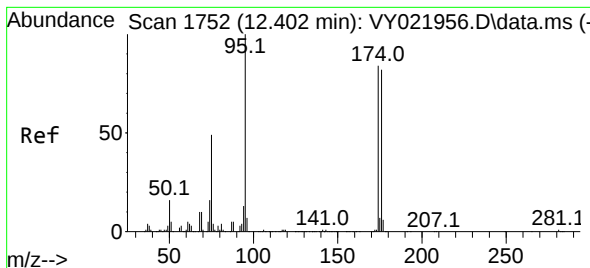
Tgt Ion: 98 Resp: 714245

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4

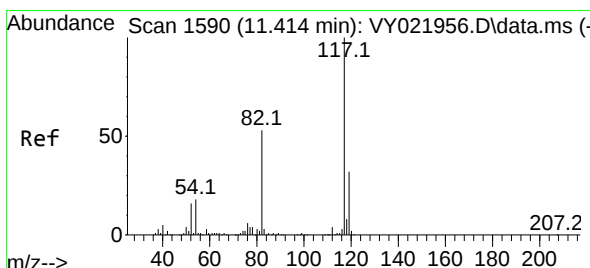
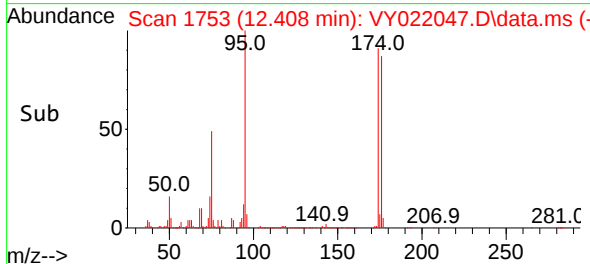
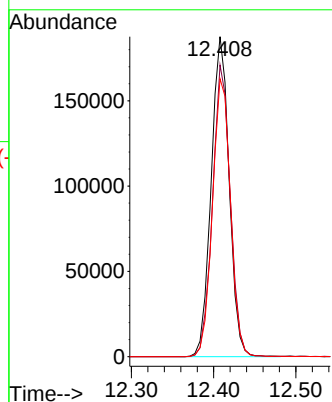
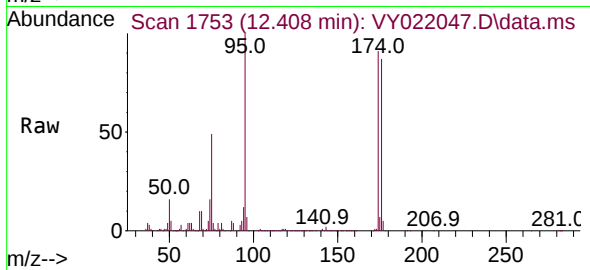




#62
4-Bromofluorobenzene
Concen: 56.552 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

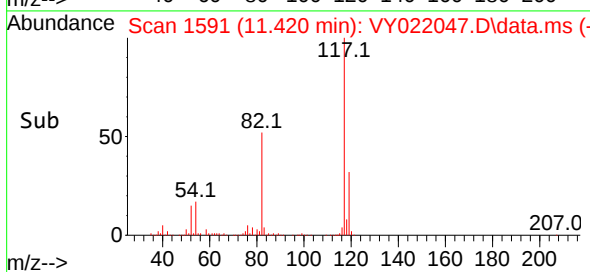
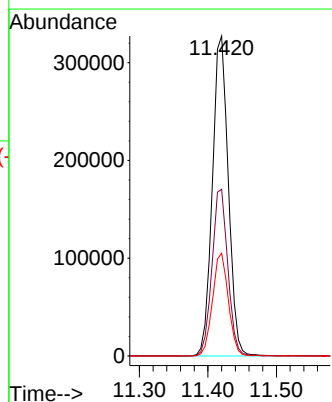
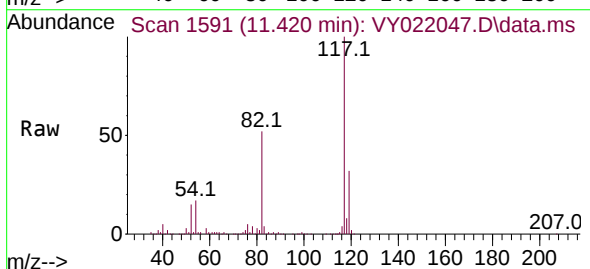
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VY0429SBL01

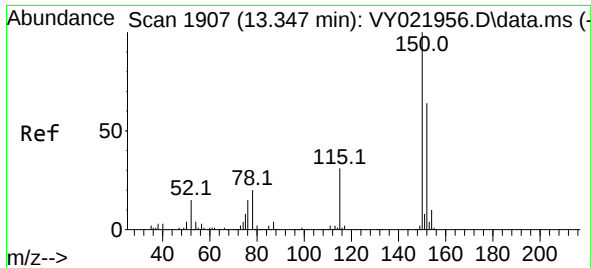
Tgt Ion: 95 Resp: 285524
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.0
176 87.0 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

Tgt Ion: 117 Resp: 529726
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 32.1 25.7 38.5

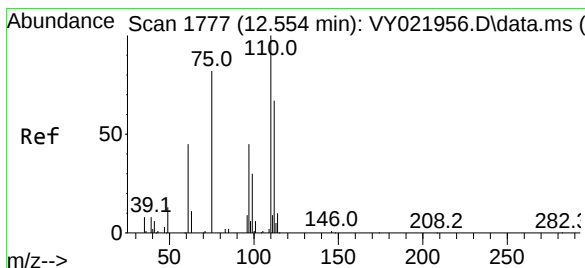
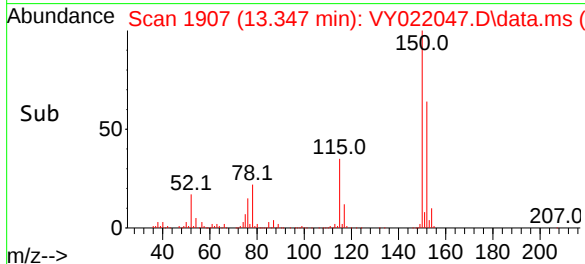
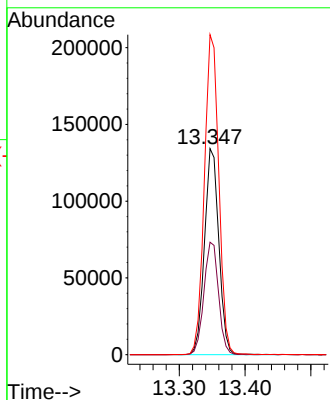
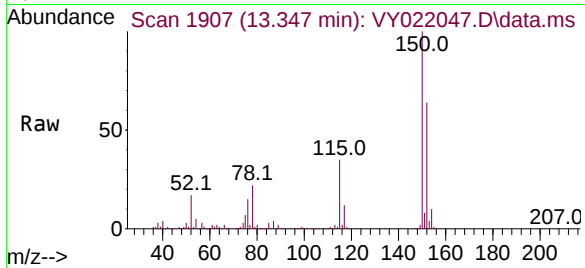




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY022047.D
 Acq: 29 Apr 2025 10:00

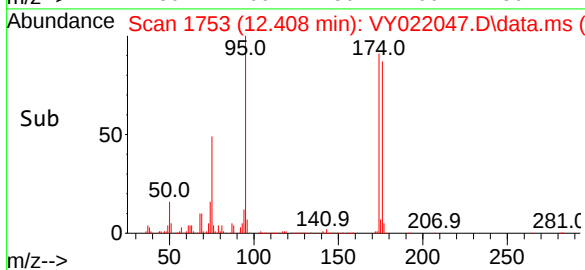
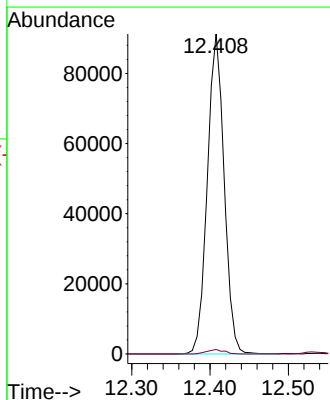
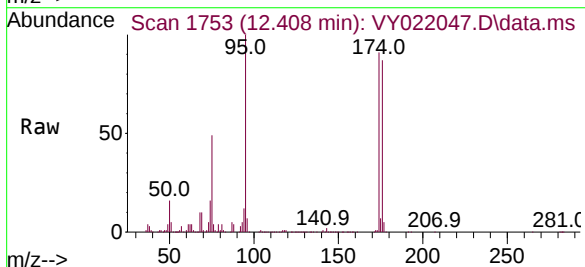
Instrument :
 MSVOA_Y
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 VY0429SBL01

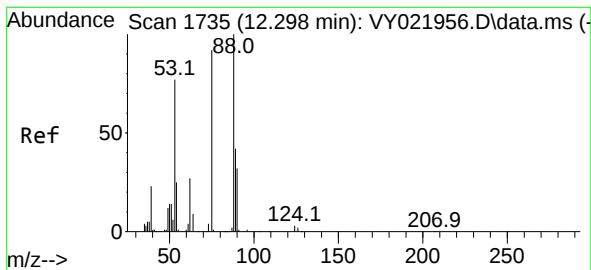
Tgt Ion:152 Resp: 203699
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.0 84.0
 150 156.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 77.829 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022047.D
 Acq: 29 Apr 2025 10:00

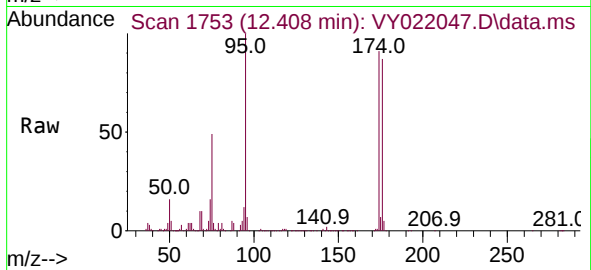
Tgt Ion: 75 Resp: 135794
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 187.423 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY022047.D
 Acq: 29 Apr 2025 10:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBL01



Tgt Ion: 75 Resp: 135794
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.0 99.0#
 89 0.0 37.2 55.8#

