

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
 Data File : VY022022.D
 Acq On : 28 Apr 2025 11:08
 Operator : SY/MD
 Sample : VY0428SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01

Quant Time: Apr 29 03:52:16 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)

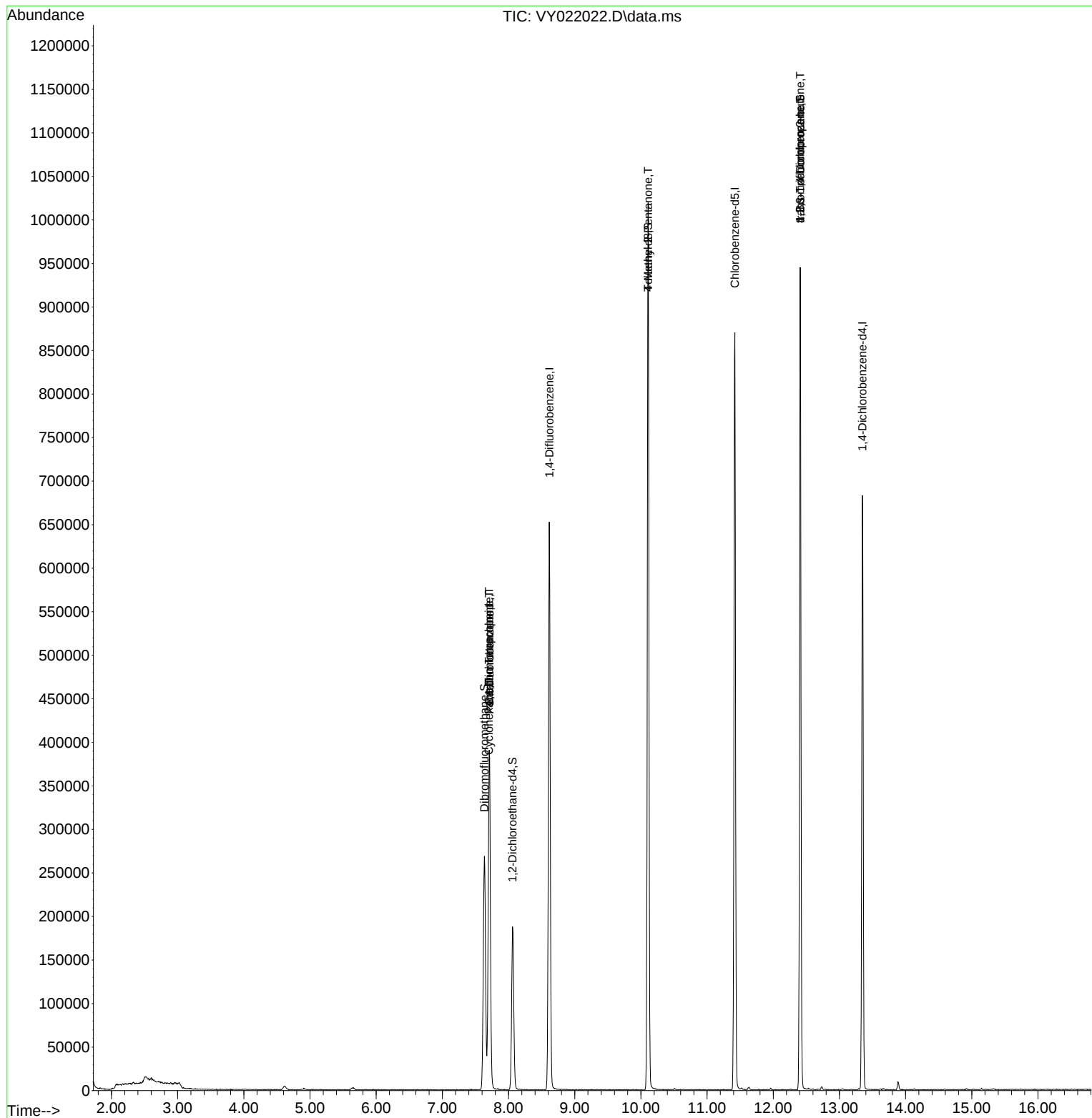
Internal Standards						
1) Pentafluorobenzene	7.713	168	311923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	578371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	493590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	183874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	147843	51.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.634	113	194182	50.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.109	98	678662	47.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.220%	
62) 4-Bromofluorobenzene	12.408	95	278168	57.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.720%	
Target Compounds						Qvalue
16) Acetone	3.879	43	625	Below Cal	#	80
31) Cyclohexane	7.701	56	5488	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	22007	4.288	ug/l #	48
38) Carbon Tetrachloride	7.707	117	30745	5.013	ug/l #	17
51) 4-Methyl-2-Pentanone	10.109	43	2295	1.237	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	135289	85.899	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	135289	206.858	ug/l #	16

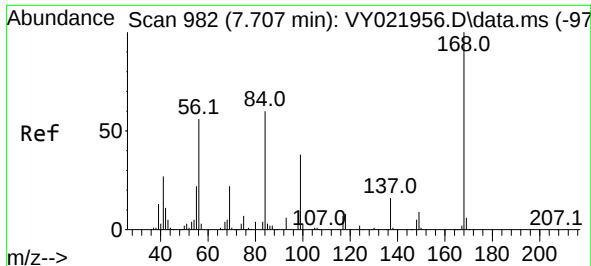
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042825\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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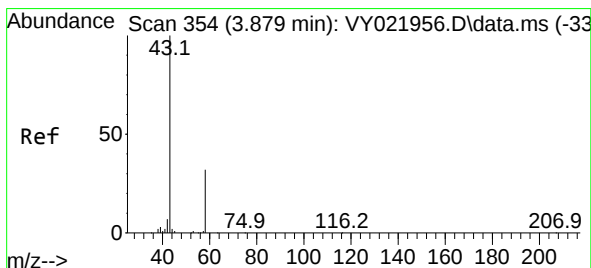
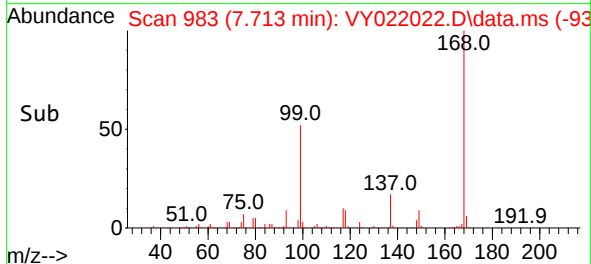
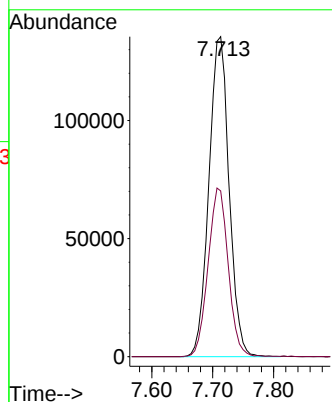
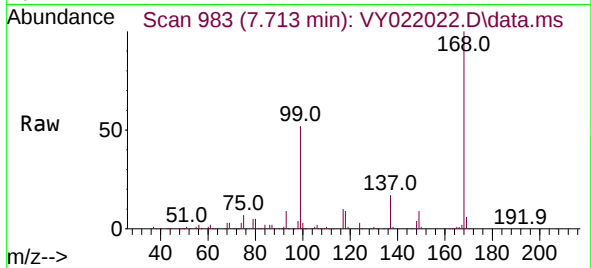




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

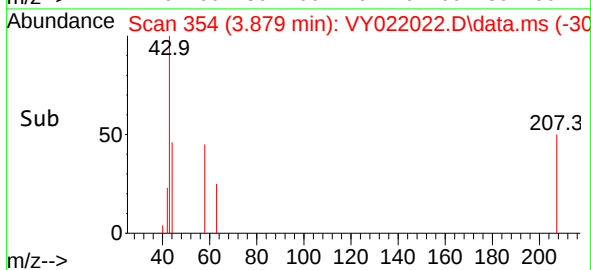
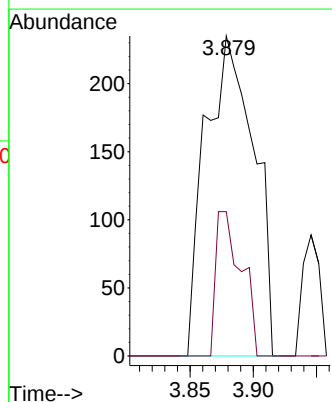
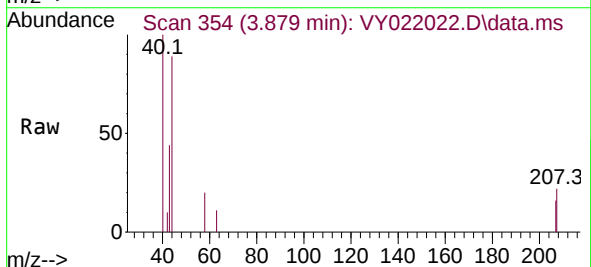
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

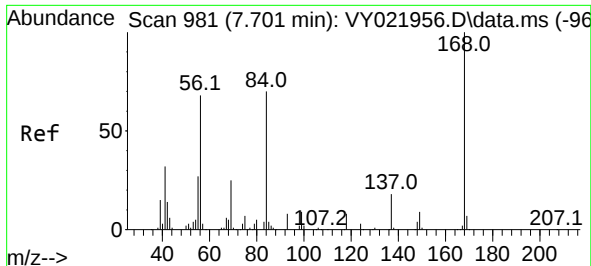
Tgt Ion:168 Resp: 311923
Ion Ratio Lower Upper
168 100
99 51.8 43.1 64.7



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

Tgt Ion: 43 Resp: 625
Ion Ratio Lower Upper
43 100
58 45.1 27.0 40.4#

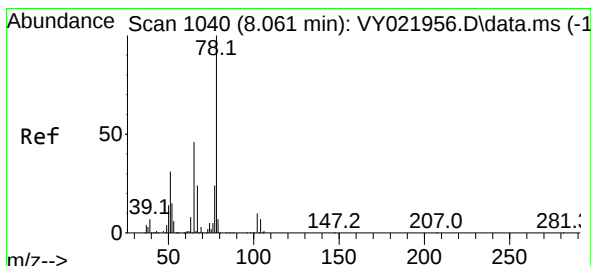
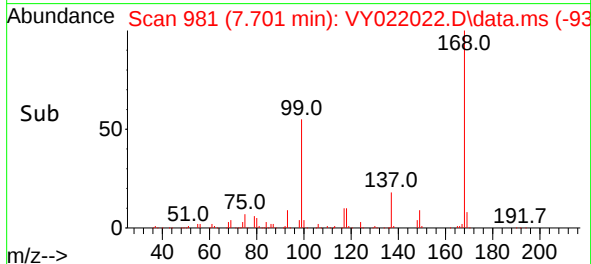
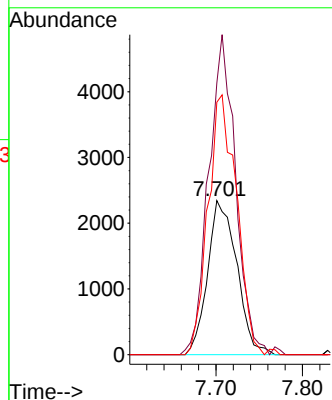
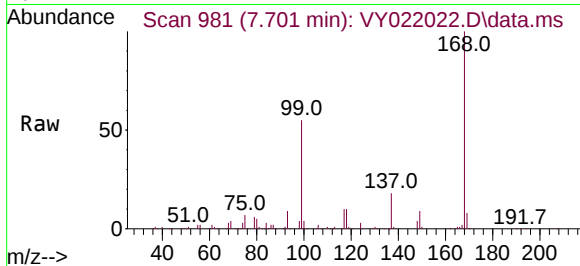




#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

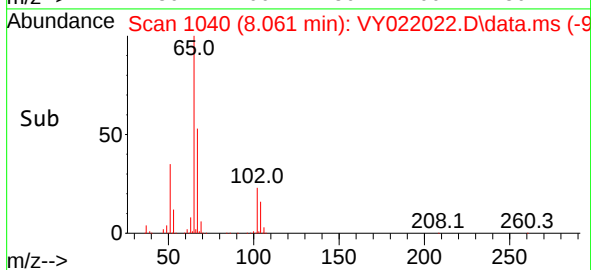
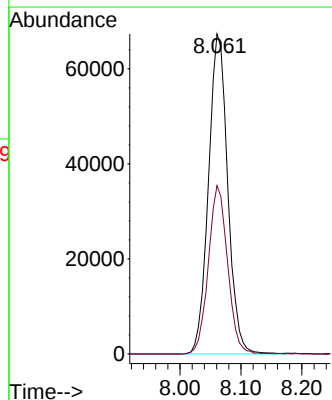
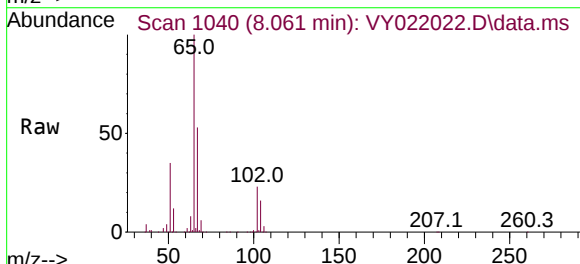
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

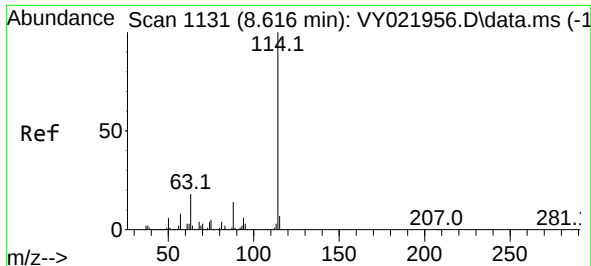
Tgt Ion: 56 Resp: 5488
Ion Ratio Lower Upper
56 100
69 176.3 29.4 44.2#
84 163.9 82.2 123.4#



#33
1,2-Dichloroethane-d4
Concen: 51.313 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

Tgt Ion: 65 Resp: 147843
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8

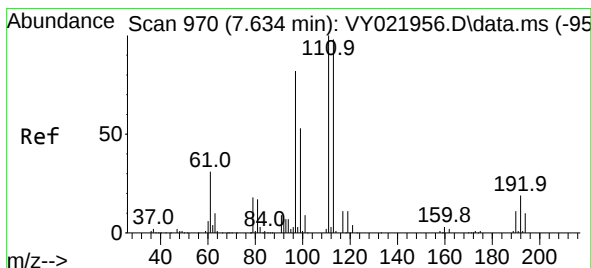
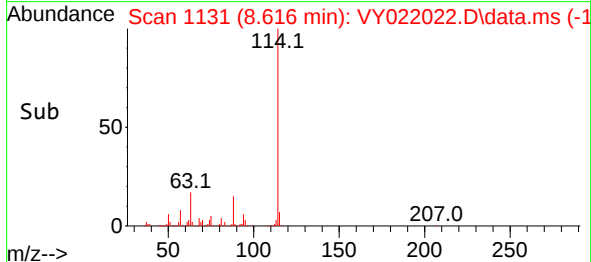
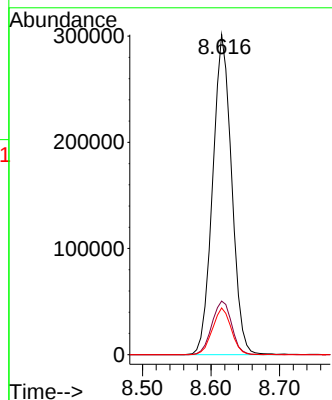
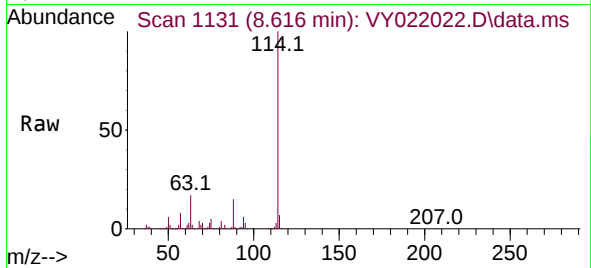




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

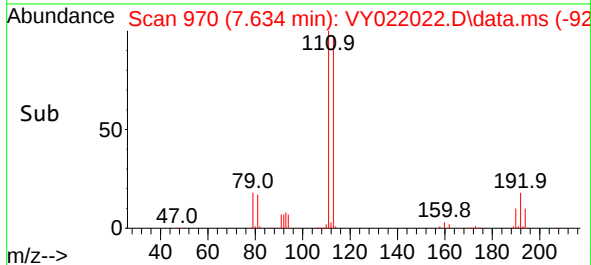
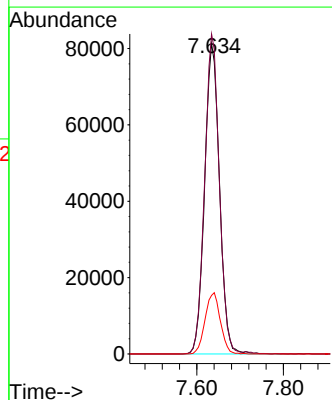
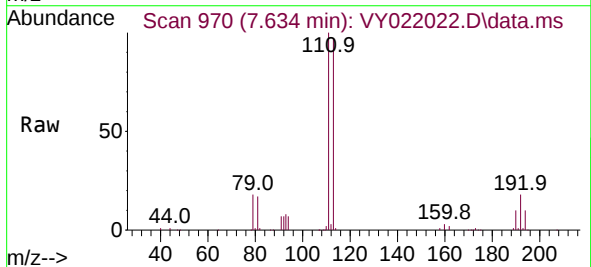
Instrument :
MSVOA_Y
ClientSampleId :
VY0428SBL01

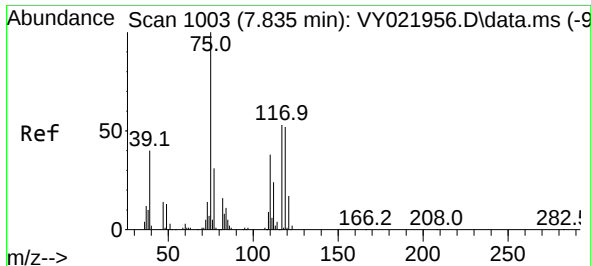
Tgt Ion:114 Resp: 578371
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.4
88 14.6 0.0 28.2



#35
Dibromofluoromethane
Concen: 50.819 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

Tgt Ion:113 Resp: 194182
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 20.2 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.288 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY022022.D

Acq: 28 Apr 2025 11:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0428SBL01

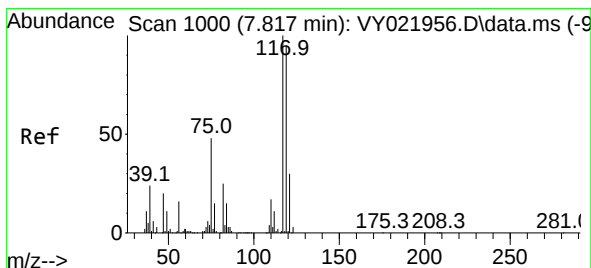
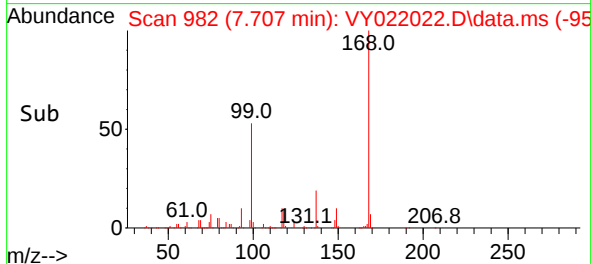
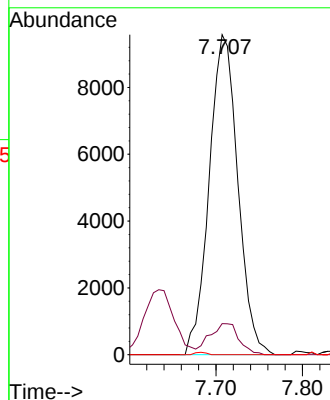
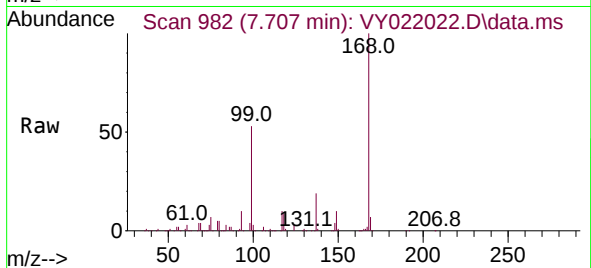
Tgt Ion: 75 Resp: 22007

Ion Ratio Lower Upper

75 100

110 9.9 19.1 57.3#

77 0.0 25.5 38.3#



#38

Carbon Tetrachloride

Concen: 5.013 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY022022.D

Acq: 28 Apr 2025 11:08

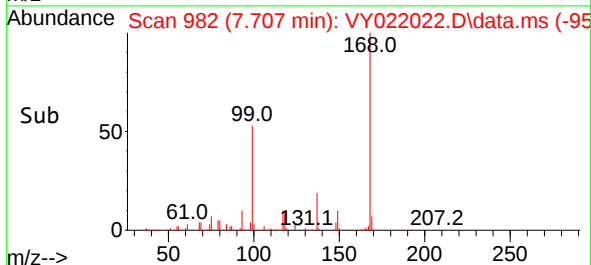
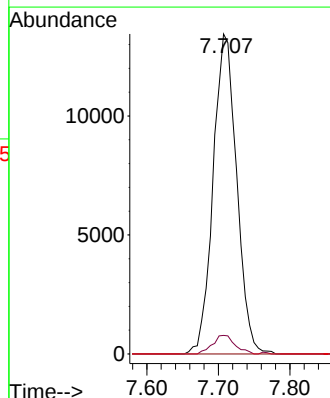
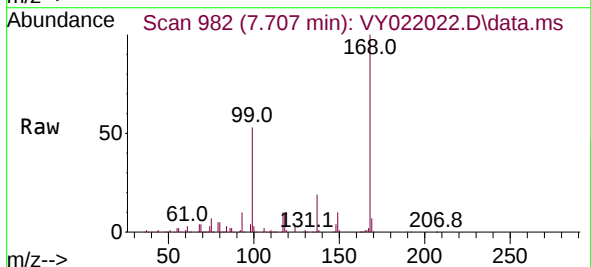
Tgt Ion: 117 Resp: 30745

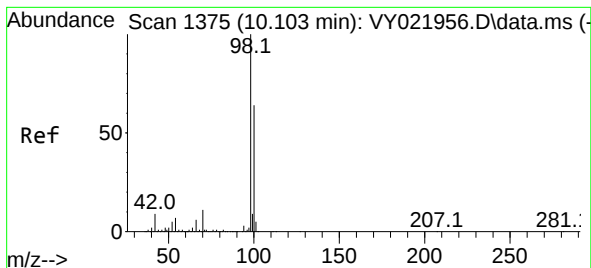
Ion Ratio Lower Upper

117 100

119 5.8 76.2 114.4#

121 0.0 24.0 36.0#

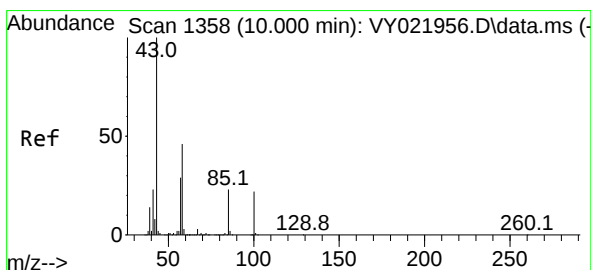
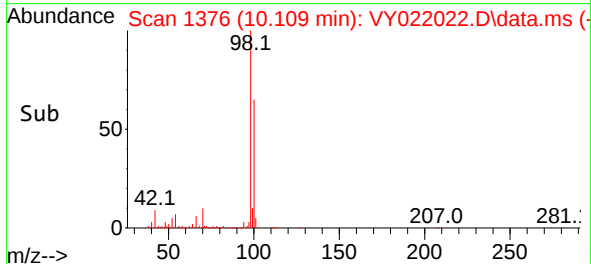
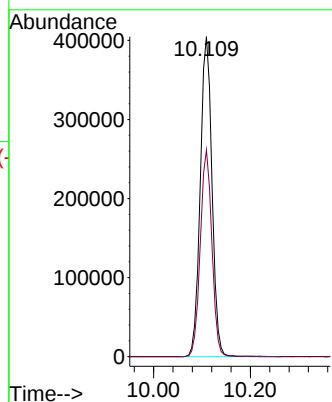
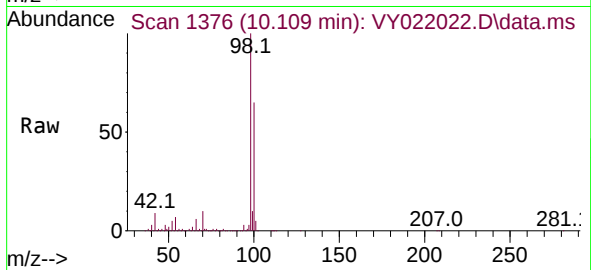




#50
Toluene-d8
Concen: 47.112 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

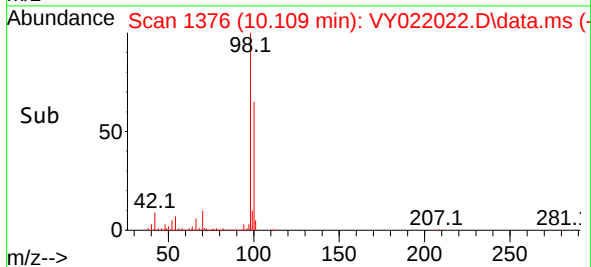
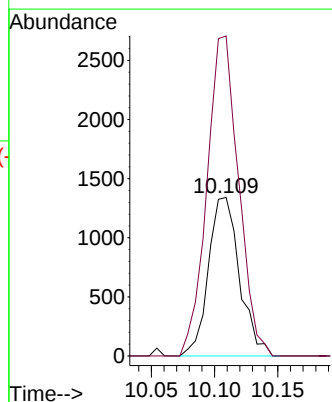
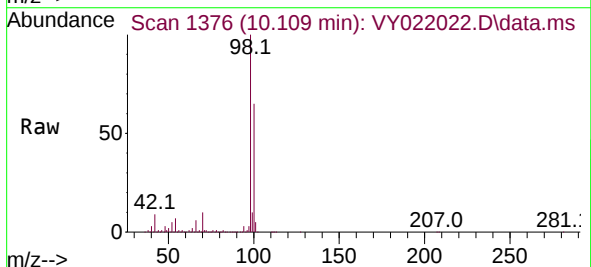
Instrument :
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ClientSampleId :
VY0428SBL01

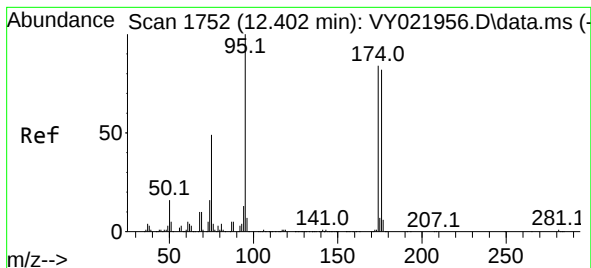
Tgt Ion: 98 Resp: 678662
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.237 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.110 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

Tgt Ion: 43 Resp: 2295
Ion Ratio Lower Upper
43 100
58 205.7 36.6 55.0#

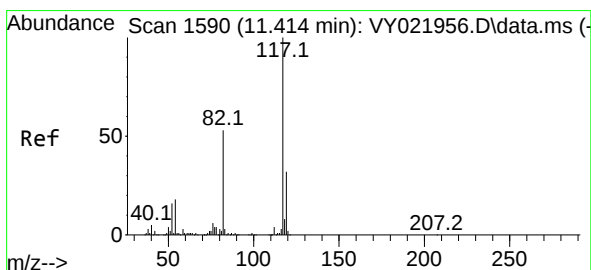
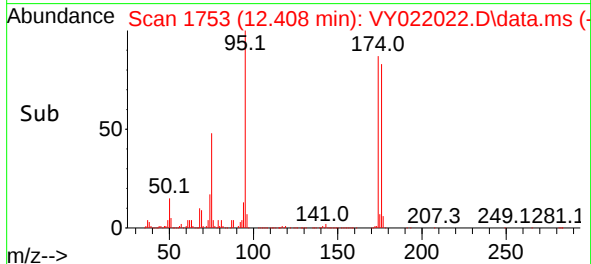
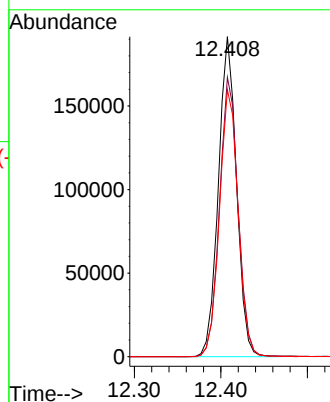
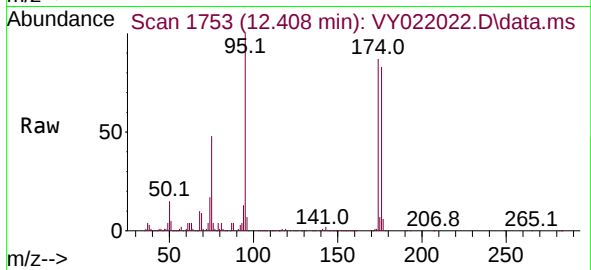




#62
4-Bromofluorobenzene
Concen: 57.361 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

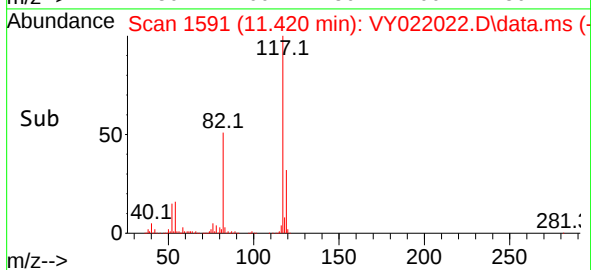
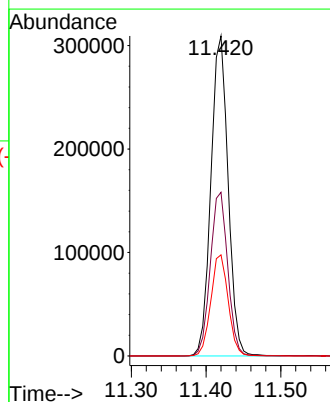
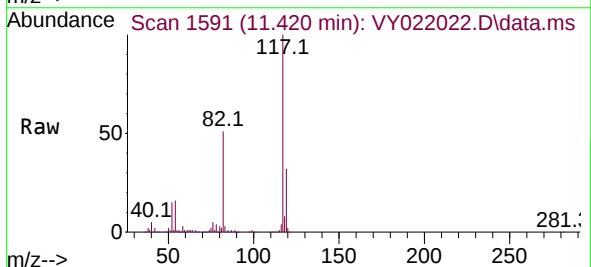
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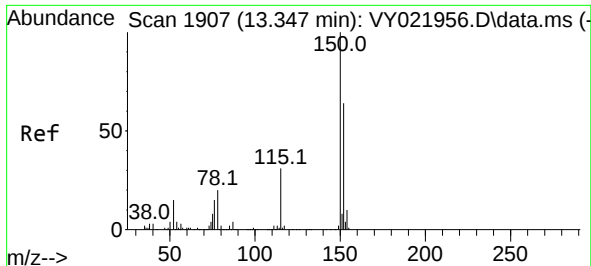
Tgt Ion: 95 Resp: 278168
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.0
176 85.9 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022022.D
Acq: 28 Apr 2025 11:08

Tgt Ion: 117 Resp: 493590
Ion Ratio Lower Upper
117 100
82 51.2 42.1 63.1
119 31.6 25.7 38.5

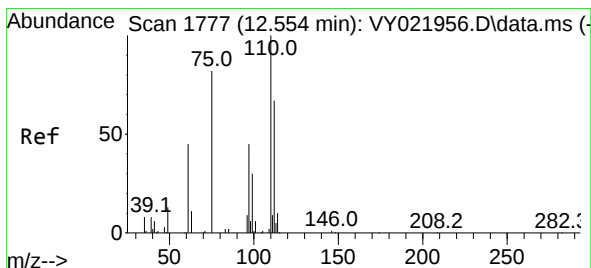
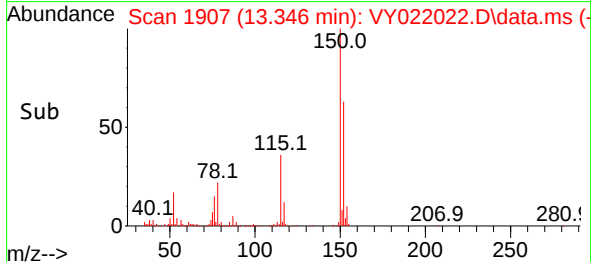
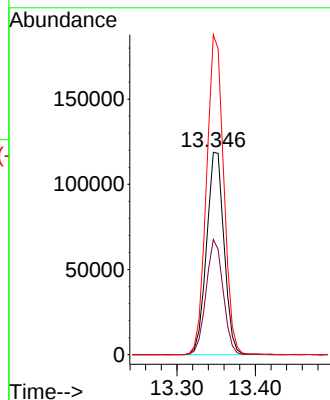
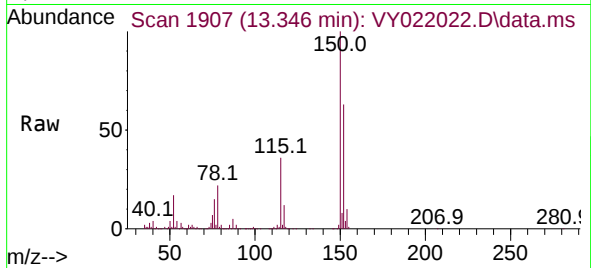




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY022022.D
 Acq: 28 Apr 2025 11:08

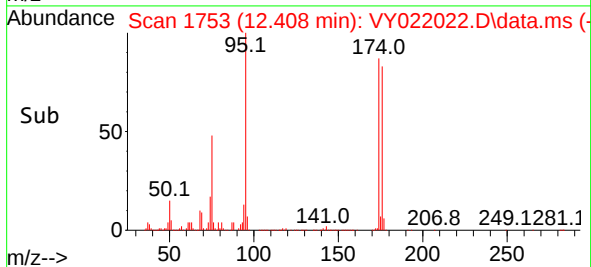
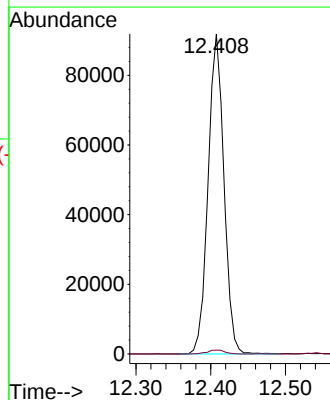
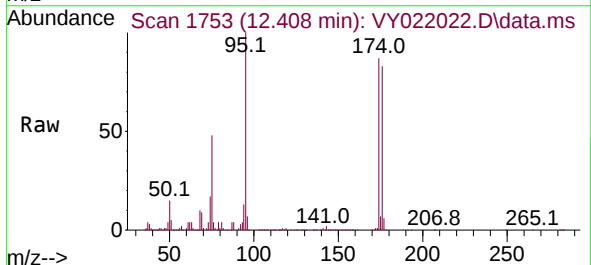
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01

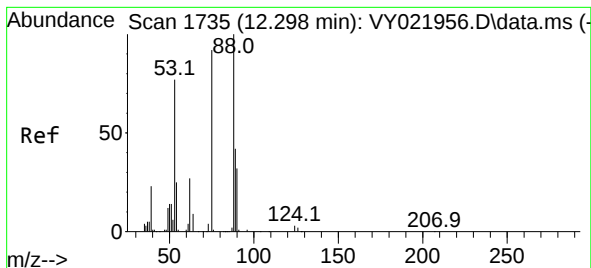
Tgt Ion:152 Resp: 183874
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.0 84.0
 150 155.5 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 85.899 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY022022.D
 Acq: 28 Apr 2025 11:08

Tgt Ion: 75 Resp: 135289
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 206.858 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY022022.D
 Acq: 28 Apr 2025 11:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBL01

Tgt Ion: 75 Resp: 135289
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.0 99.0#
 89 0.1 37.2 55.8#

