

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021917.D
 Acq On : 18 Apr 2025 09:20
 Operator : SY/MD
 Sample : VY0418SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

Quant Time: Apr 19 01:07:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

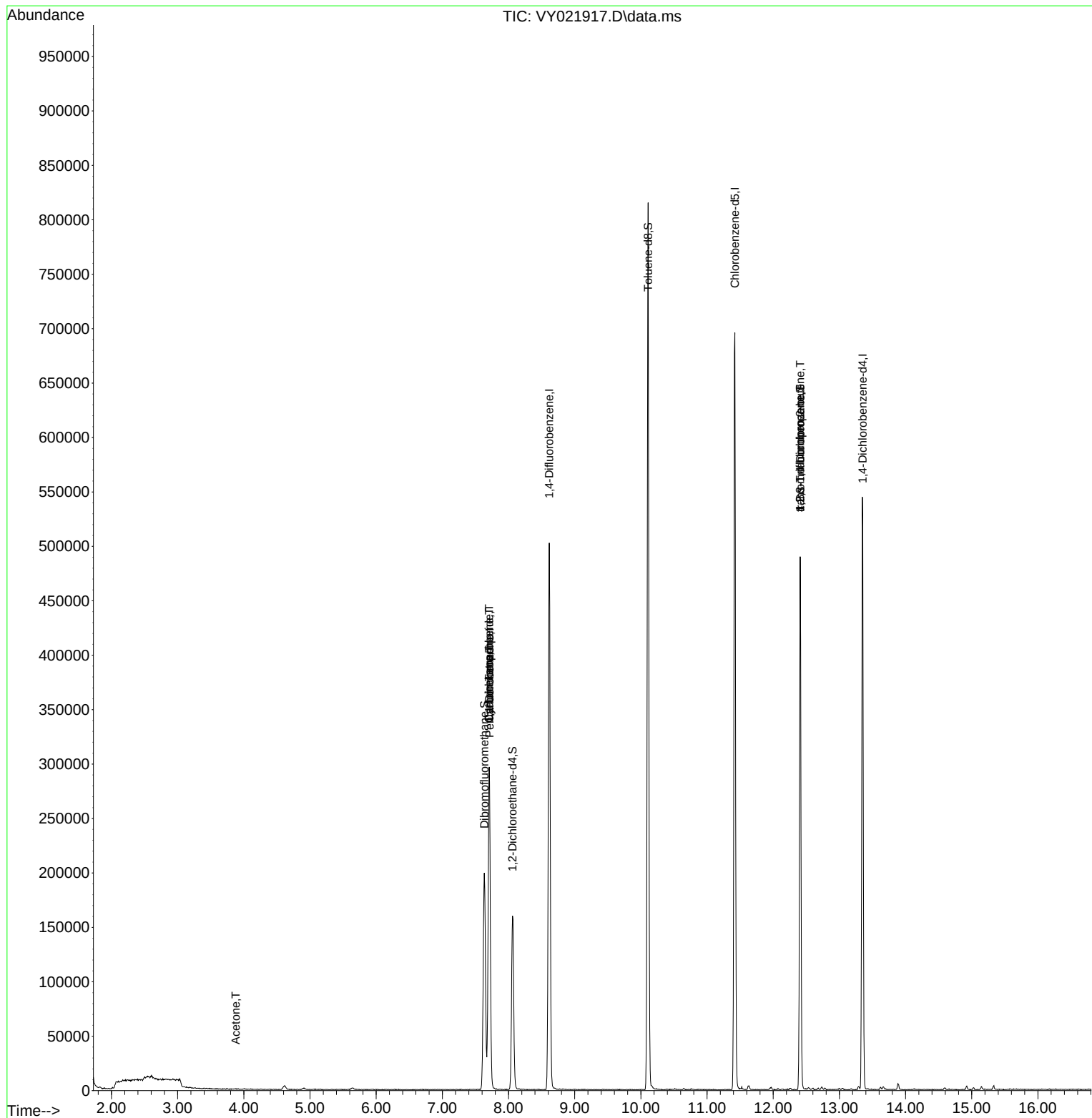
Internal Standards						
1) Pentafluorobenzene	7.713	168	223760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	416806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	359377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	134048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128356	52.944	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.880%			
35) Dibromofluoromethane	7.634	113	140065	51.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.600%			
50) Toluene-d8	10.109	98	503606	48.961	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.920%			
62) 4-Bromofluorobenzene	12.408	95	139872	40.203	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.400%			
Target Compounds						
16) Acetone	3.879	43	797	1.606	ug/l #	55
20) Methylene Chloride	4.610	84	2181	Below Cal	#	84
31) Cyclohexane	7.707	56	5346	1.249	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	17777	4.317	ug/l #	51
38) Carbon Tetrachloride	7.707	117	23255	4.930	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	73682	55.452	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	73682	127.770	ug/l #	12

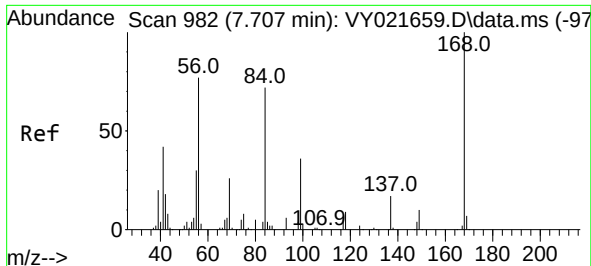
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
Data File : VY021917.D
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Operator : SY/MD
Sample : VY0418SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

Quant Time: Apr 19 01:07:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

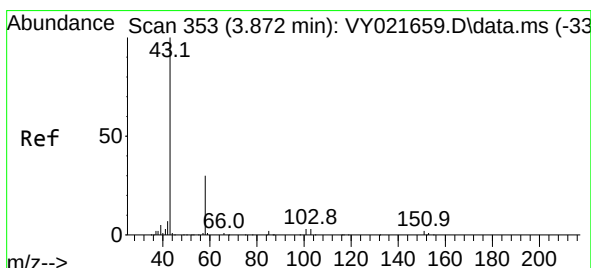
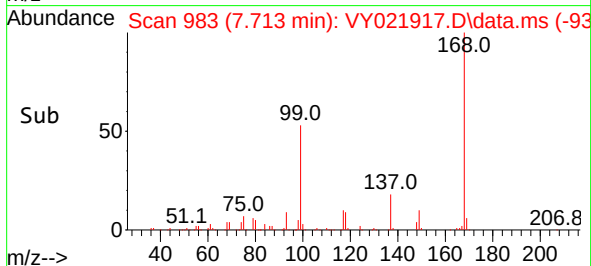
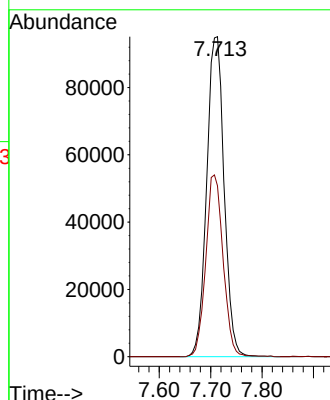
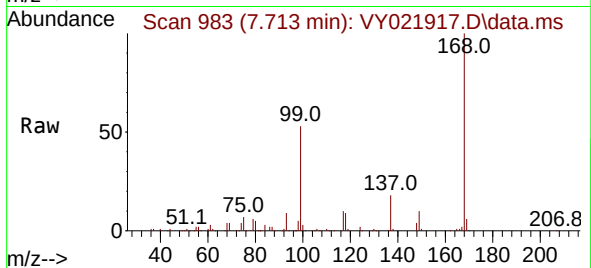




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

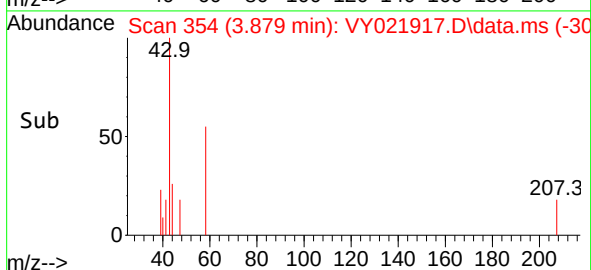
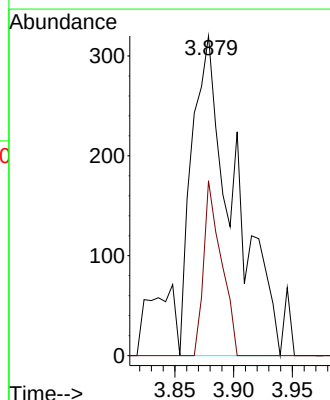
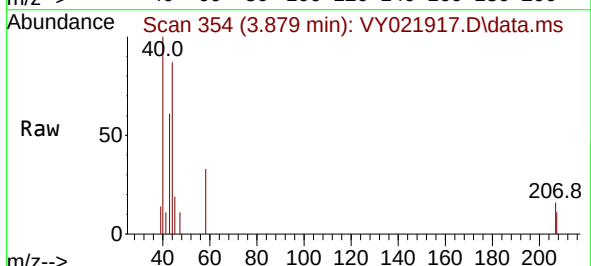
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

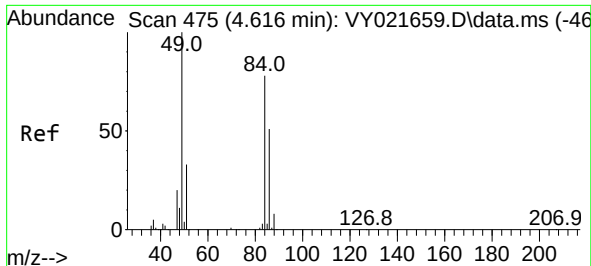
Tgt Ion:168 Resp: 223760
Ion Ratio Lower Upper
168 100
99 53.4 46.7 70.1



#16
Acetone
Concen: 1.606 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 54.7 24.2 36.4#

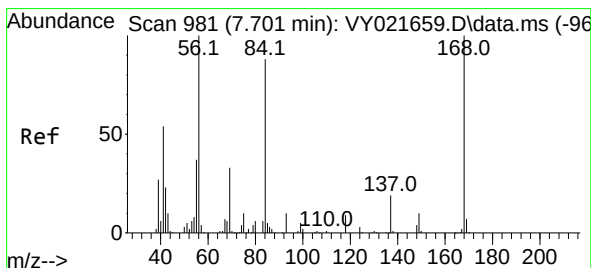
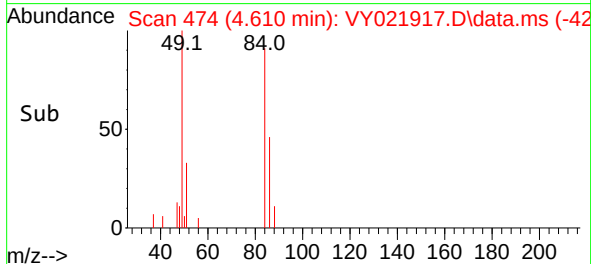
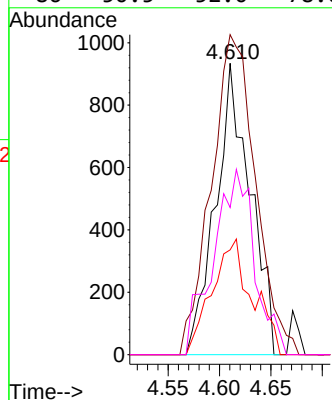
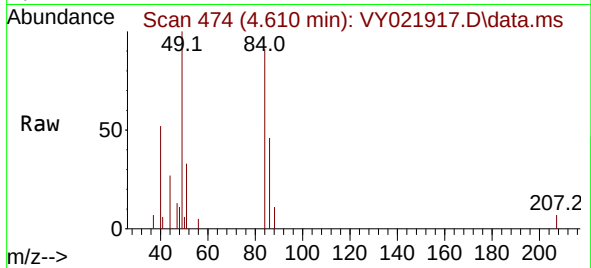




#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

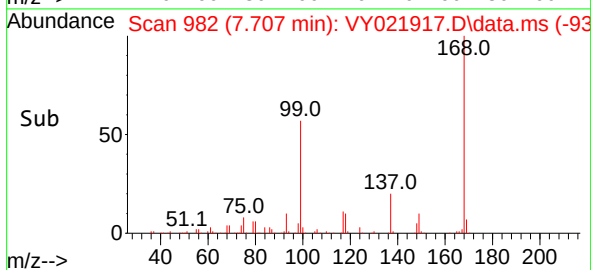
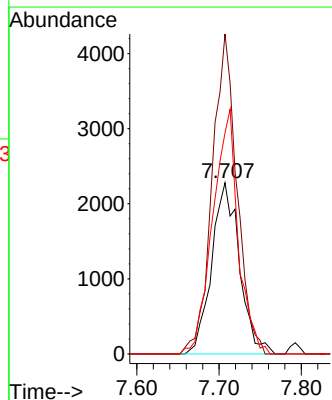
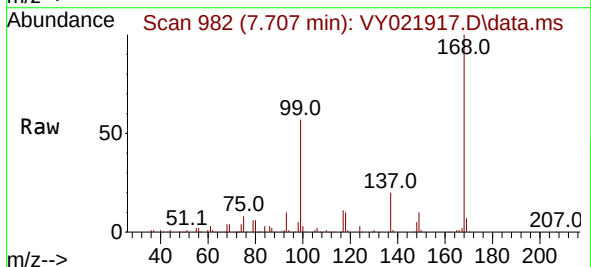
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

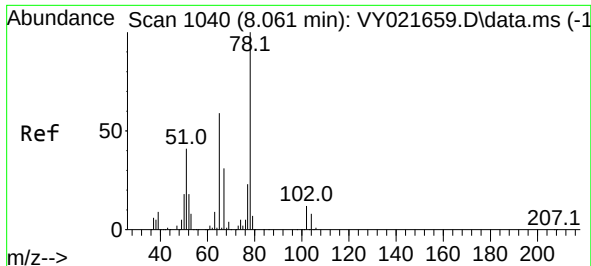
Tgt Ion:	84	Resp:	2181
Ion	Ratio	Lower	Upper
84	100		
49	109.9	102.8	154.2
51	36.0	33.5	50.3
86	50.5	52.0	78.0



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

Tgt Ion:	56	Resp:	5346
Ion	Ratio	Lower	Upper
56	100		
69	186.9	26.6	40.0
84	129.1	69.0	103.4





#33

1,2-Dichloroethane-d4

Concen: 52.944 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021917.D

Acq: 18 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

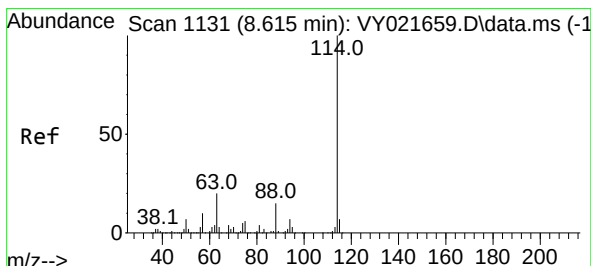
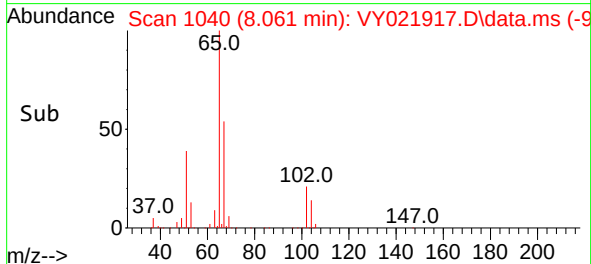
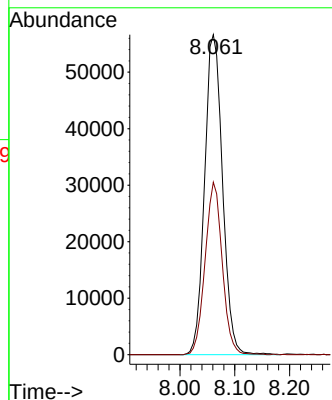
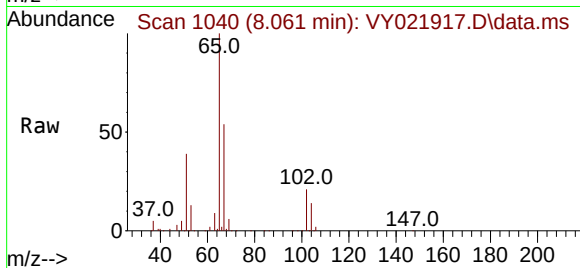
VY0418SBL01

Tgt Ion: 65 Resp: 128356

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021917.D

Acq: 18 Apr 2025 09:20

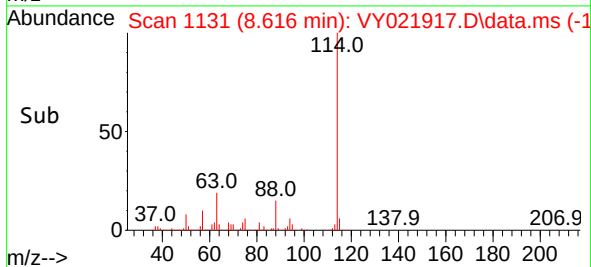
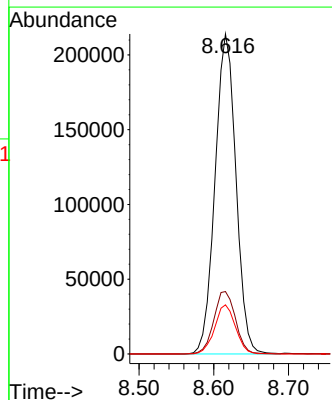
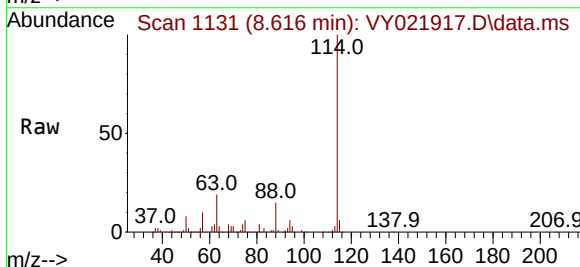
Tgt Ion: 114 Resp: 416806

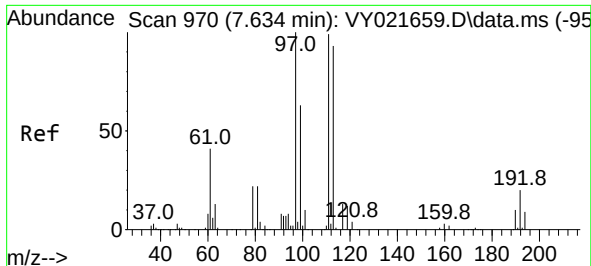
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.2

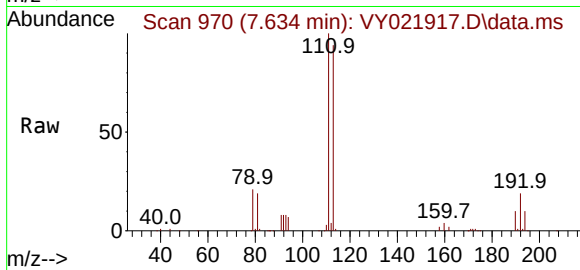
88 15.4 0.0 29.8



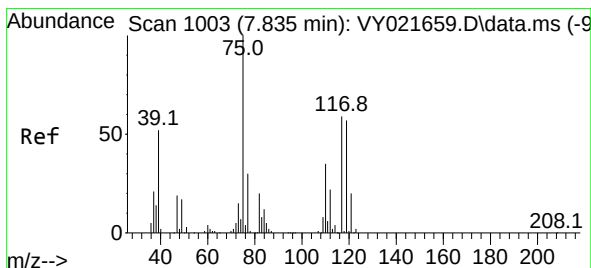
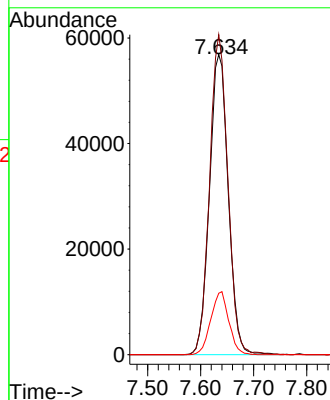
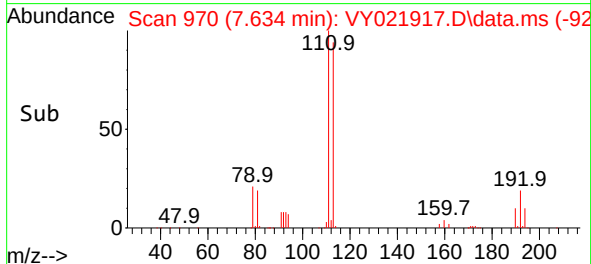


#35
Dibromofluoromethane
Concen: 51.804 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

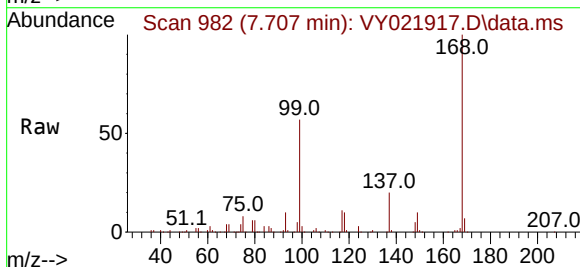
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01



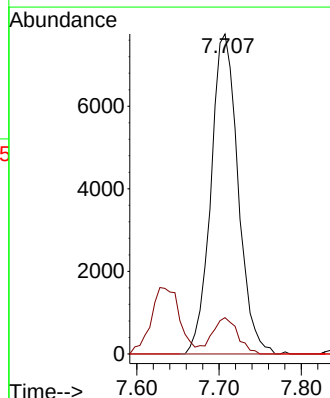
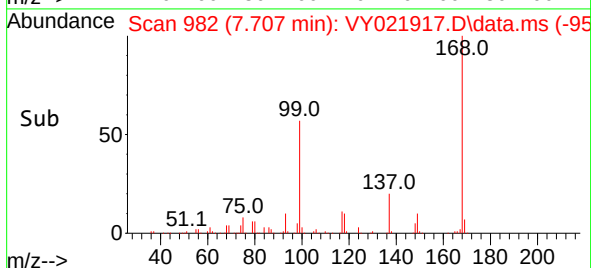
Tgt Ion:113 Resp: 140065
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 20.2 16.2 24.4

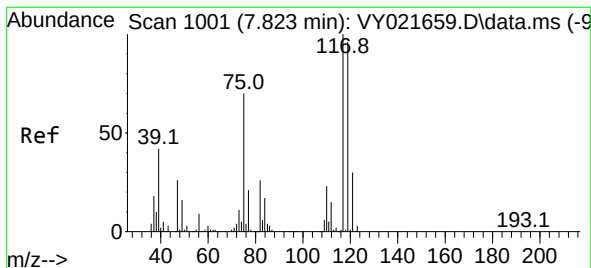


#36
1,1-Dichloropropene
Concen: 4.317 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20



Tgt Ion: 75 Resp: 17777
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 4.930 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY021917.D

Acq: 18 Apr 2025 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBL01

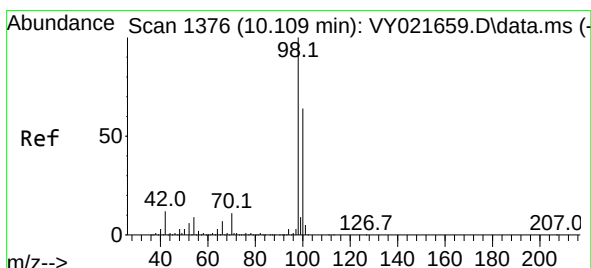
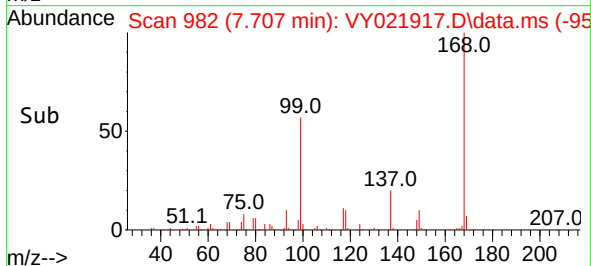
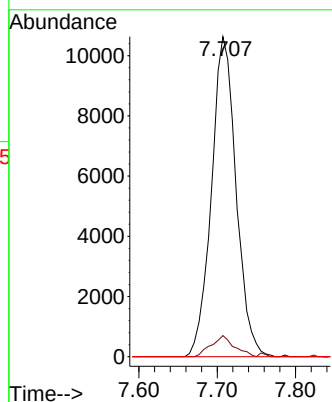
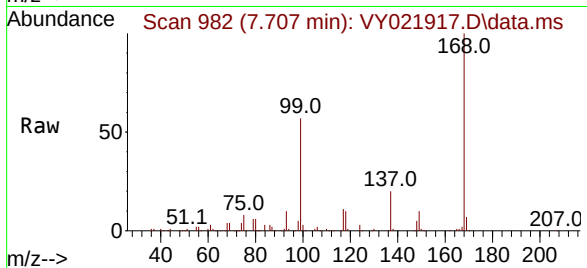
Tgt Ion:117 Resp: 23255

Ion Ratio Lower Upper

117 100

119 6.6 76.2 114.4#

121 0.0 24.2 36.4#



#50

Toluene-d8

Concen: 48.961 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021917.D

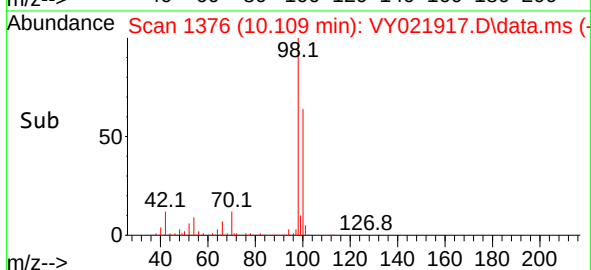
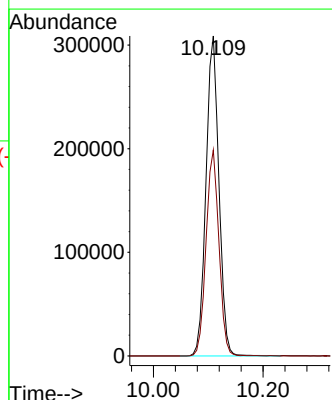
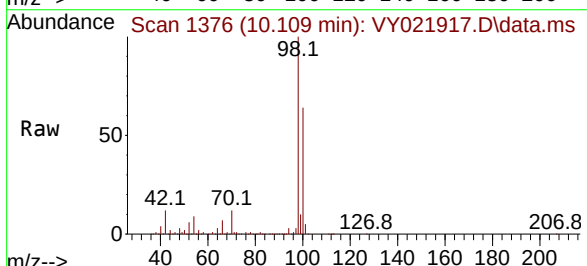
Acq: 18 Apr 2025 09:20

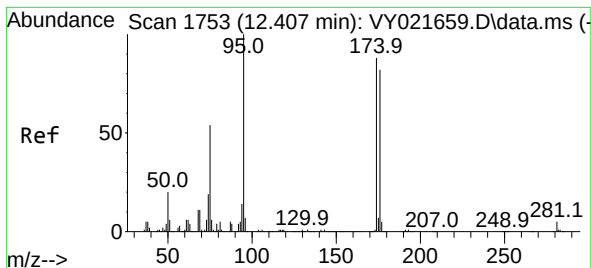
Tgt Ion: 98 Resp: 503606

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1

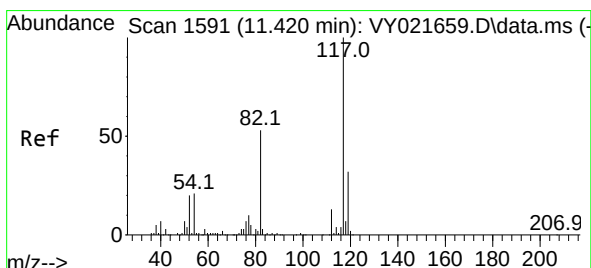
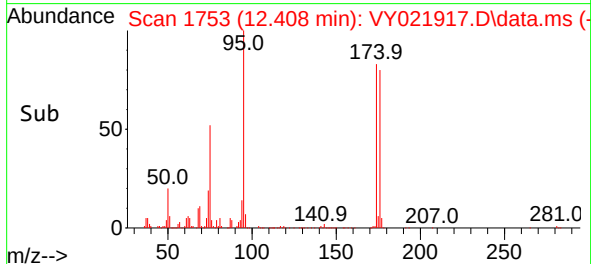
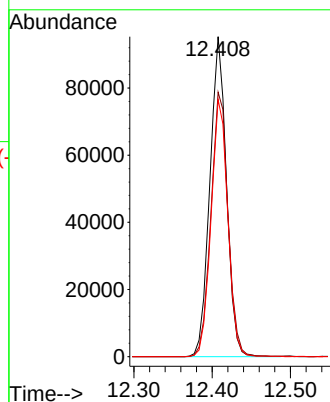
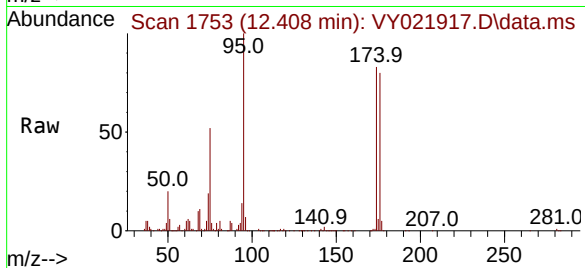




#62
4-Bromofluorobenzene
Concen: 40.203 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

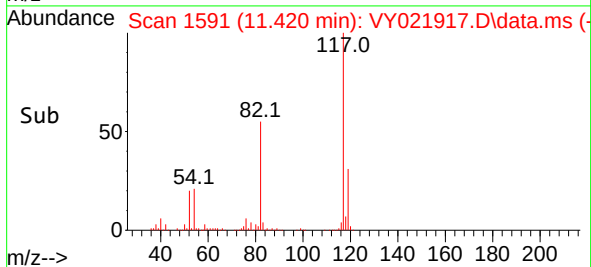
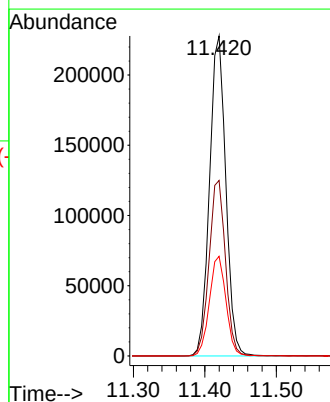
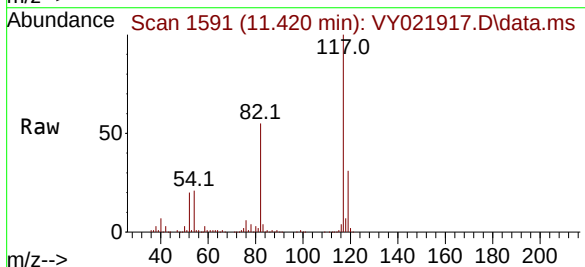
Instrument :
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ClientSampleId :
VY0418SBL01

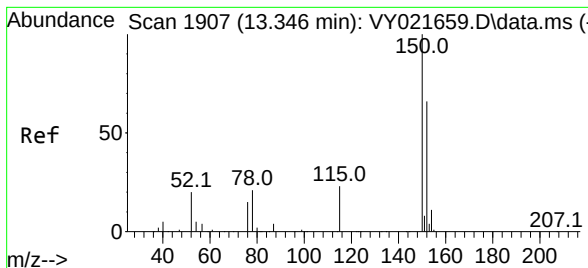
Tgt Ion: 95 Resp: 139872
Ion Ratio Lower Upper
95 100
174 85.5 0.0 170.8
176 81.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021917.D
Acq: 18 Apr 2025 09:20

Tgt Ion: 117 Resp: 359377
Ion Ratio Lower Upper
117 100
82 54.9 42.8 64.2
119 31.2 25.7 38.5

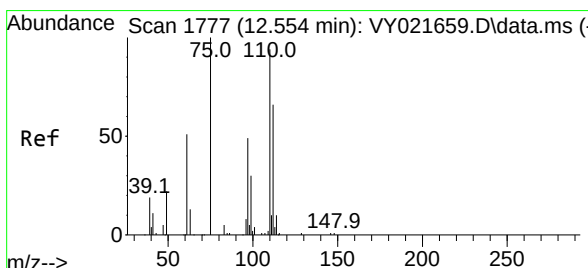
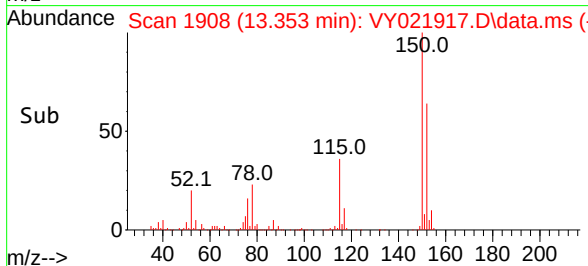
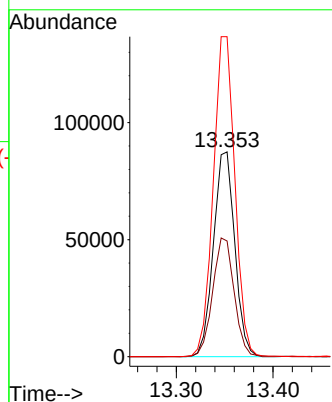
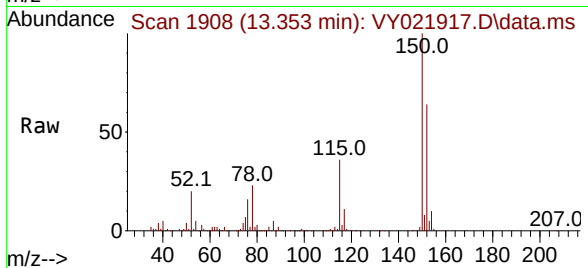




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY021917.D
 Acq: 18 Apr 2025 09:20

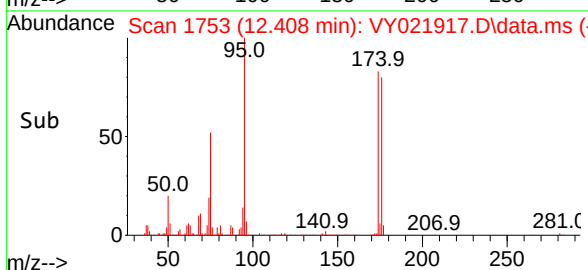
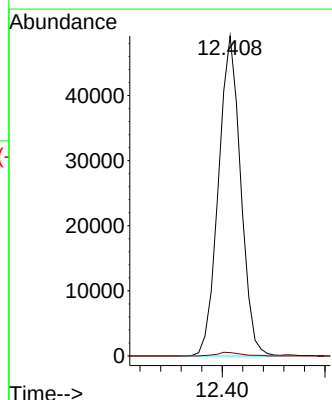
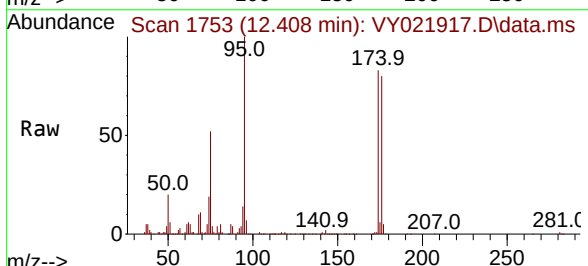
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

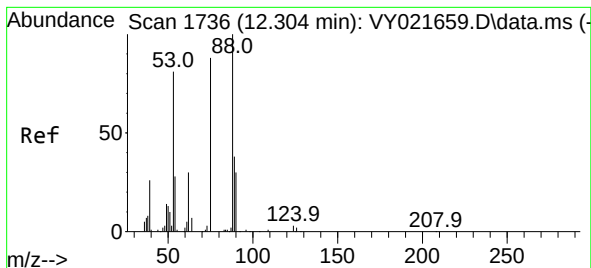
Tgt Ion:152 Resp: 134048
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.8 86.5
 150 158.0 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 55.452 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021917.D
 Acq: 18 Apr 2025 09:20

Tgt Ion: 75 Resp: 73682
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.770 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021917.D
 Acq: 18 Apr 2025 09:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

Tgt Ion: 75 Resp: 73682
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

