

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
 Data File : VY021732.D
 Acq On : 01 Apr 2025 10:52
 Operator : SY/MD
 Sample : VY0401SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

Quant Time: Apr 02 03:21:53 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)

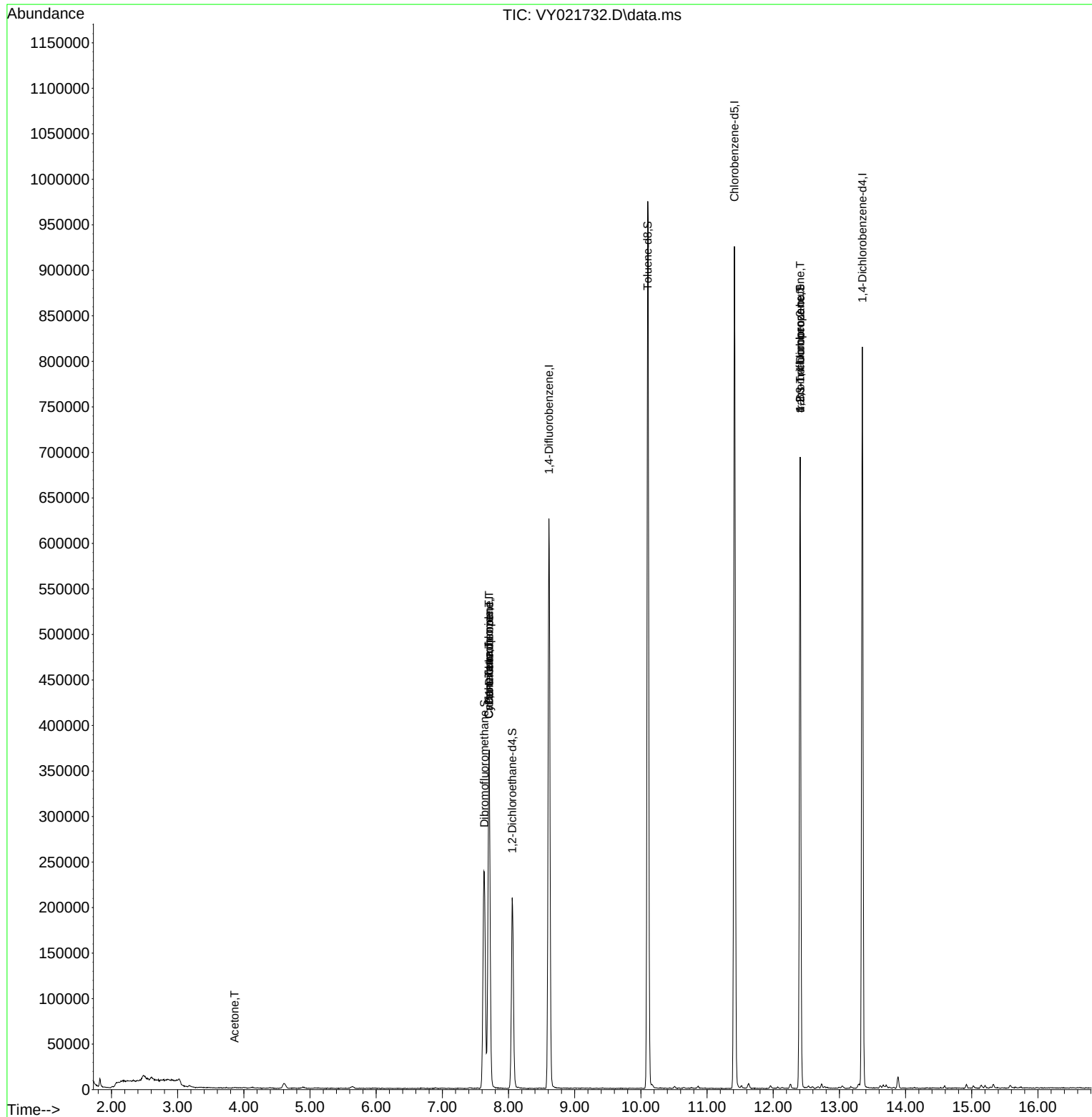
Internal Standards						
1) Pentafluorobenzene	7.707	168	281152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	519589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	477574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	199303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	160703	52.755	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.520%			
35) Dibromofluoromethane	7.634	113	173925	51.602	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.200%			
50) Toluene-d8	10.103	98	633876	49.435	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.880%			
62) 4-Bromofluorobenzene	12.408	95	205202	47.313	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.620%			
Target Compounds					Qvalue	
16) Acetone	3.860	43	885	1.420	ug/l #	77
20) Methylene Chloride	4.610	84	4120	Below Cal		86
31) Cyclohexane	7.701	56	6474	1.204	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	22967	4.474	ug/l #	50
38) Carbon Tetrachloride	7.701	117	28078	4.775	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	107636	54.483	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	107636	125.537	ug/l #	12

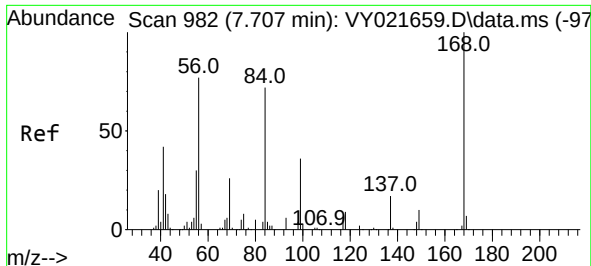
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
Data File : VY021732.D
Acq On : 01 Apr 2025 10:52
Operator : SY/MD
Sample : VY0401SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

Quant Time: Apr 02 03:21:53 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

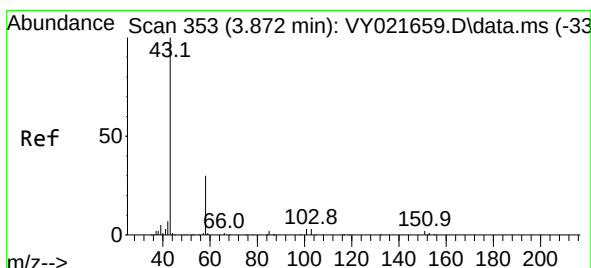
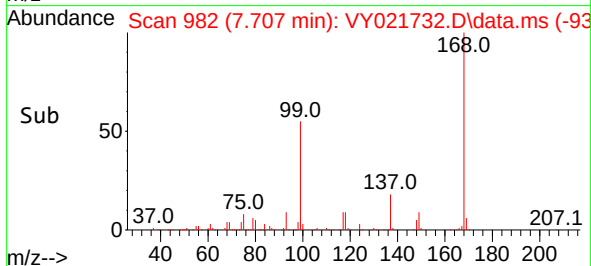
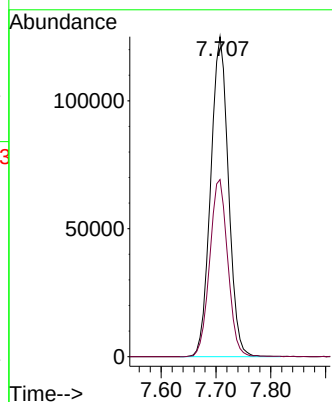
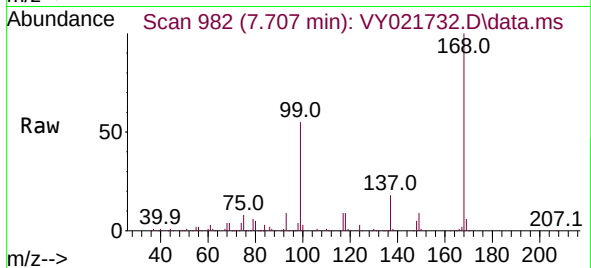




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

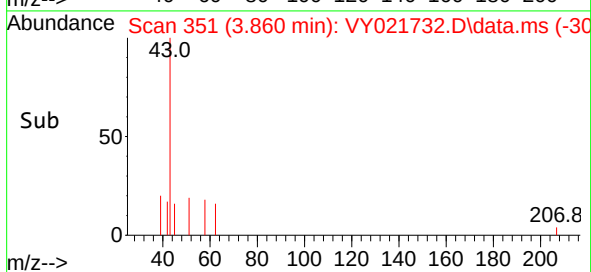
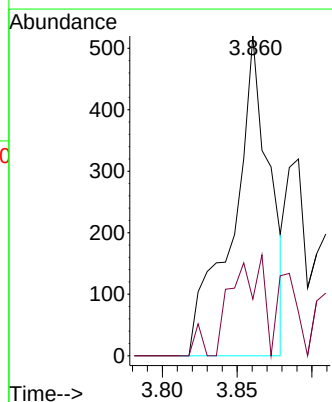
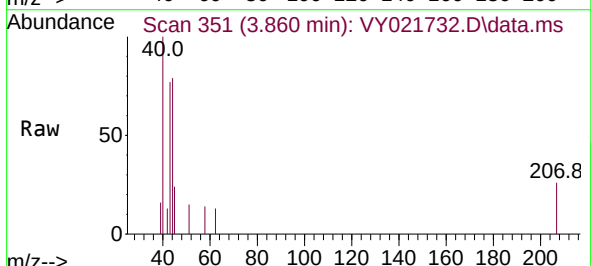
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

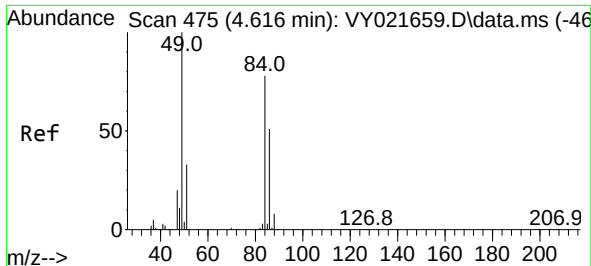
Tgt Ion:168 Resp: 281152
Ion Ratio Lower Upper
168 100
99 55.4 46.7 70.1



#16
Acetone
Concen: 1.420 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

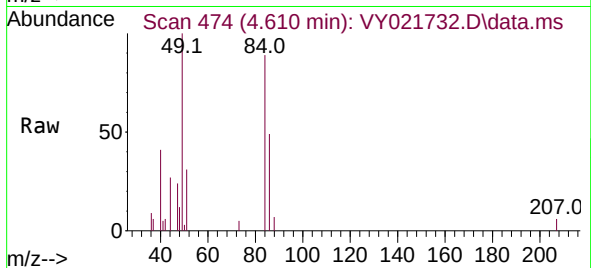
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 17.7 24.2 36.4#



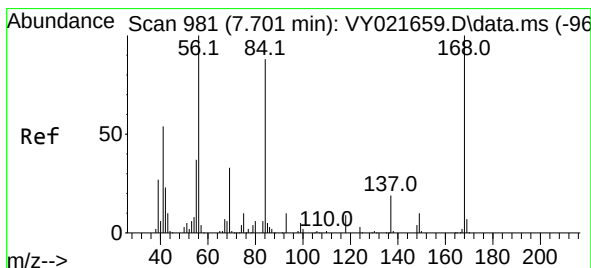
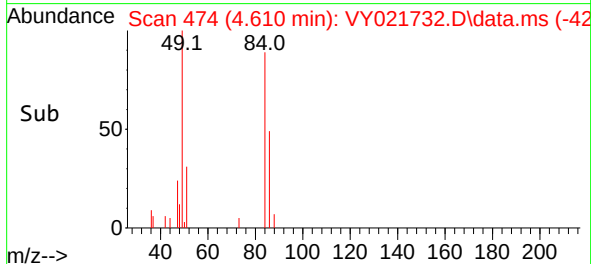
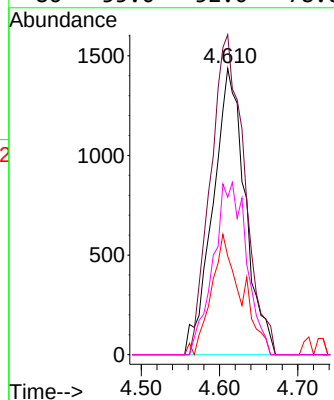


#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

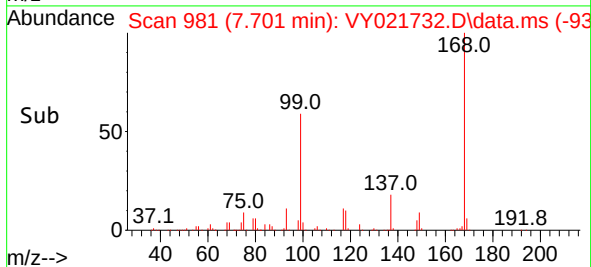
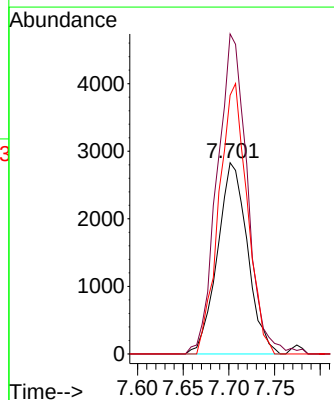
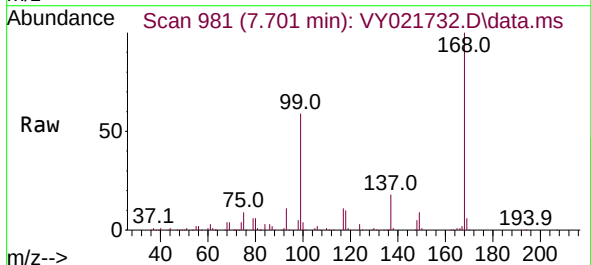


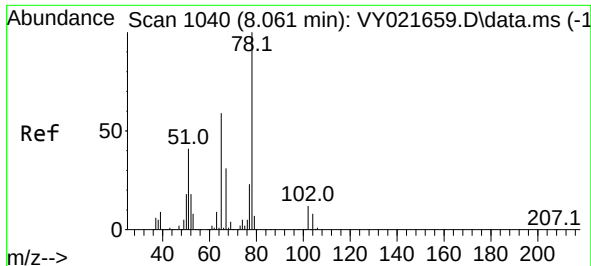
Tgt Ion: 84	Resp:	4120	
Ion	Ratio	Lower	Upper
84	100		
49	111.8	102.8	154.2
51	34.4	33.5	50.3
86	55.0	52.0	78.0



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

Tgt Ion: 56	Resp:	6474	
Ion Ratio	Lower	Upper	
56	100		
69	167.3	26.6	40.0#
84	135.2	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 52.755 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021732.D

Acq: 01 Apr 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

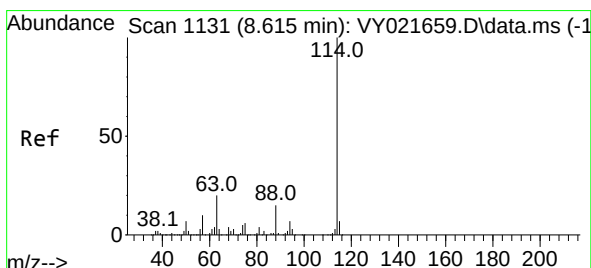
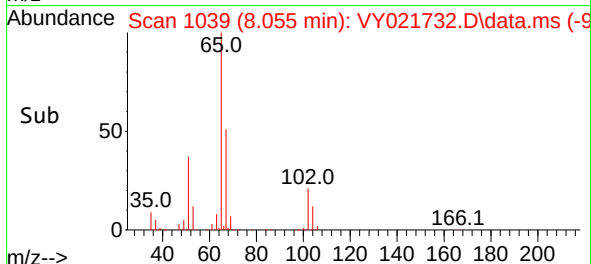
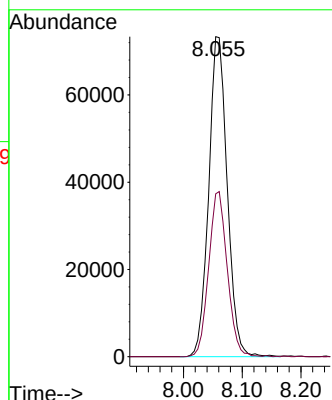
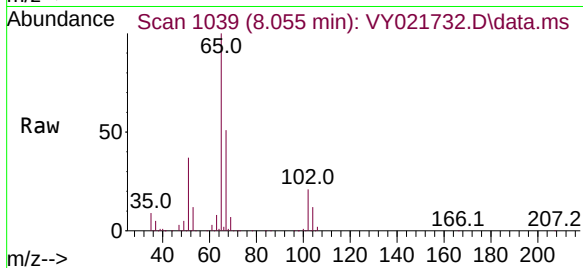
VY0401SBL01

Tgt Ion: 65 Resp: 160703

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021732.D

Acq: 01 Apr 2025 10:52

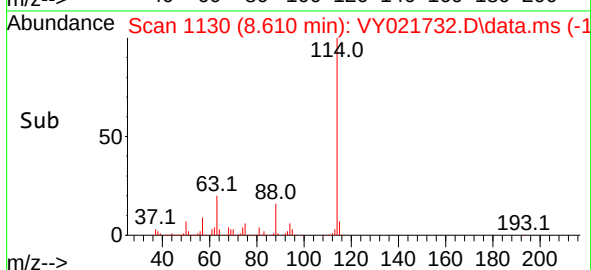
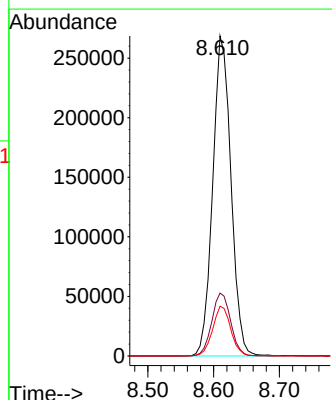
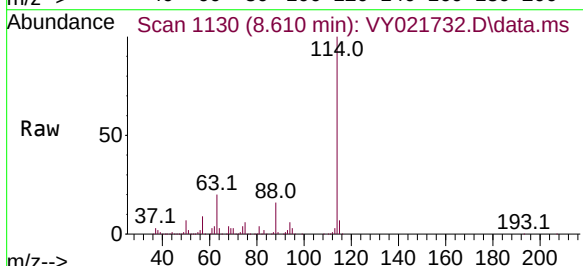
Tgt Ion: 114 Resp: 519589

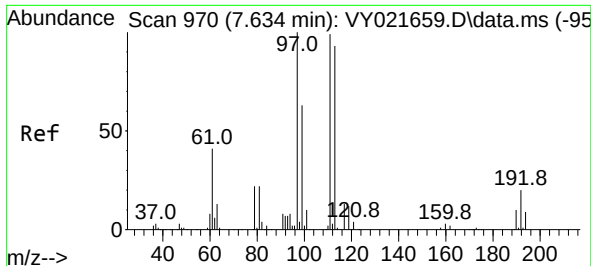
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 15.6 0.0 29.8

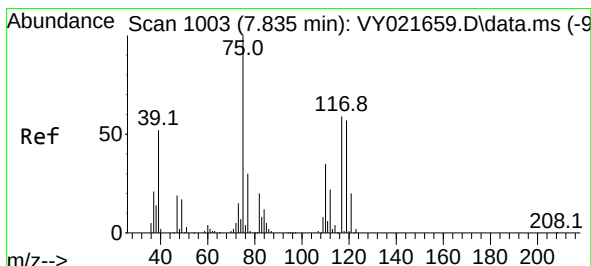
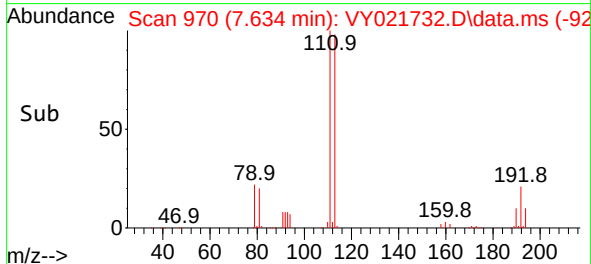
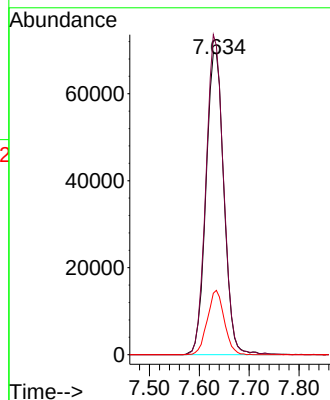
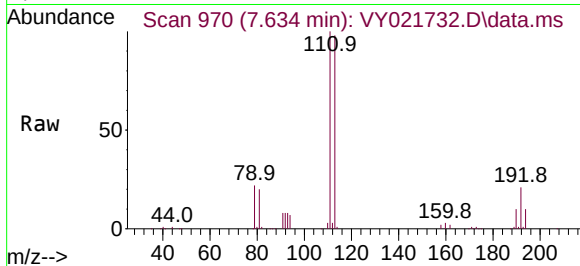




#35
Dibromofluoromethane
Concen: 51.602 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

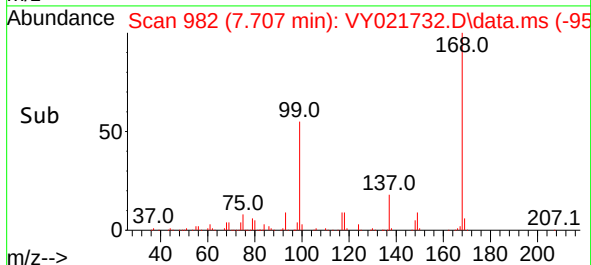
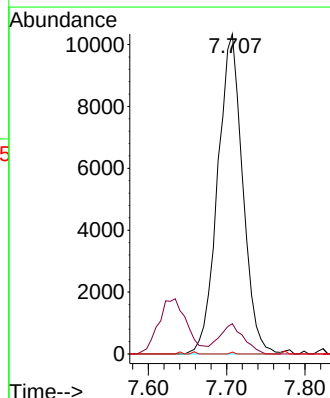
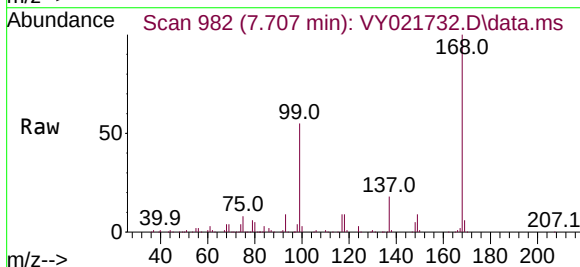
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

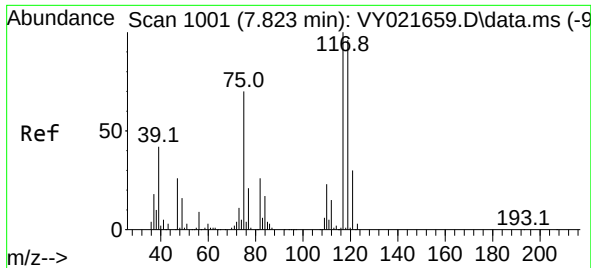
Tgt Ion:113 Resp: 173925
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 20.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

Tgt Ion: 75 Resp: 22967
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.1 24.8 37.2#

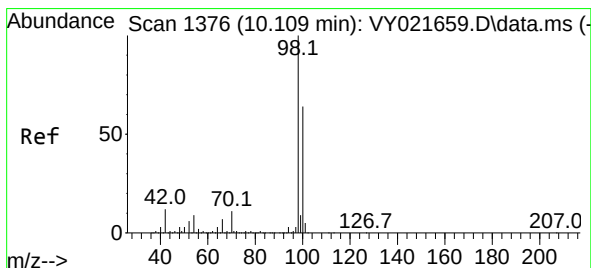
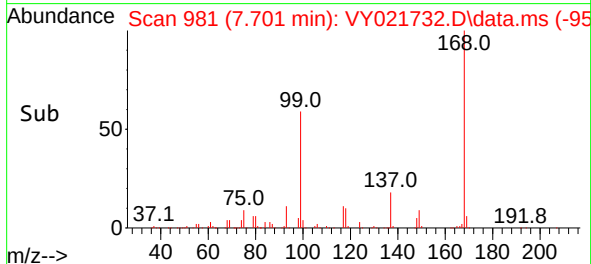
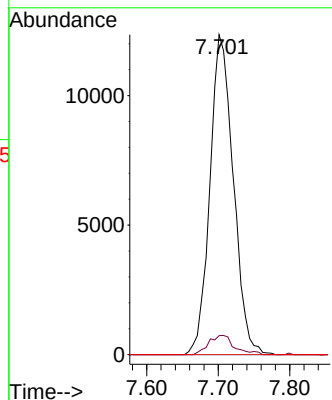
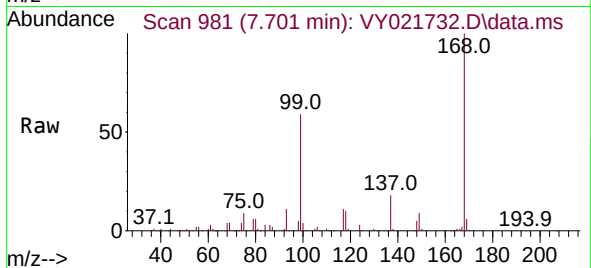




#38
Carbon Tetrachloride
Concen: 4.775 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

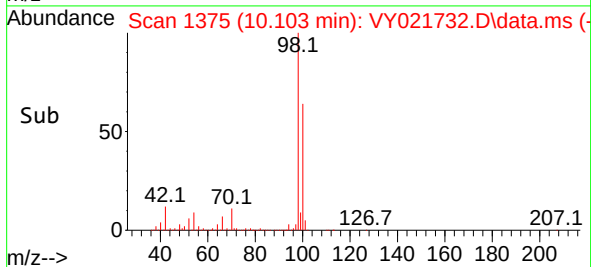
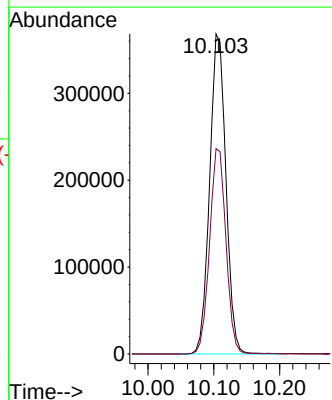
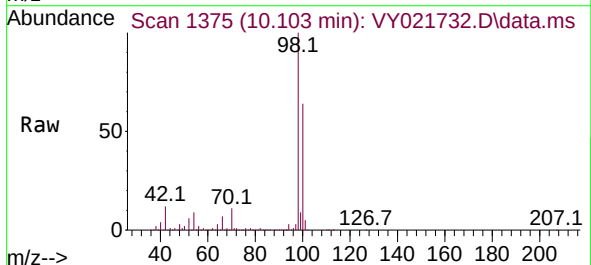
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

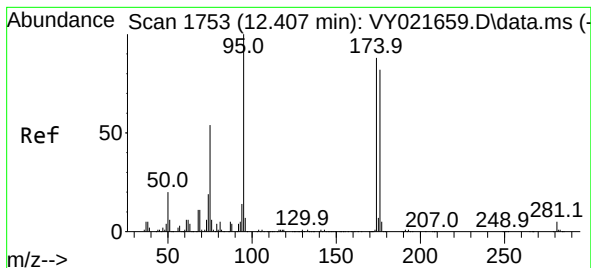
Tgt Ion:117 Resp: 28078
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.435 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

Tgt Ion: 98 Resp: 633876
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1

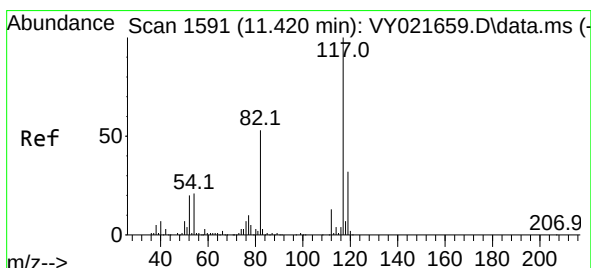
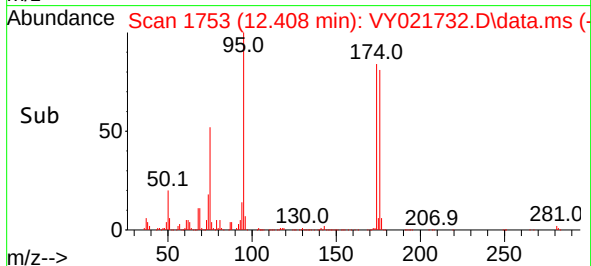
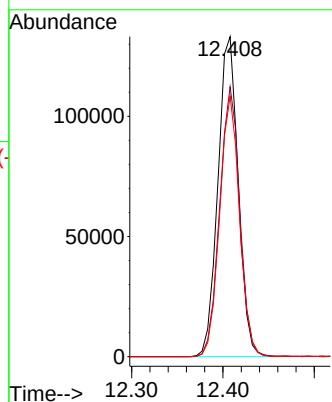
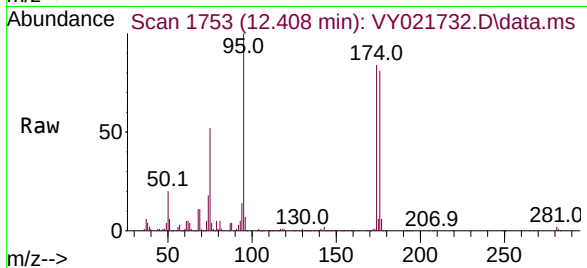




#62
4-Bromofluorobenzene
Concen: 47.313 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

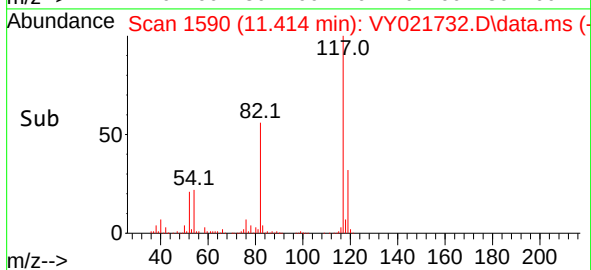
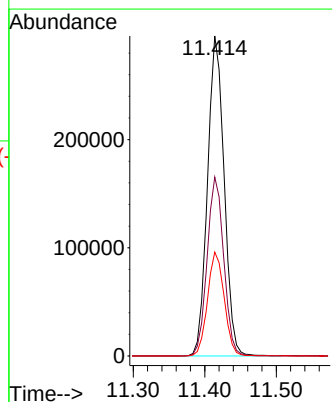
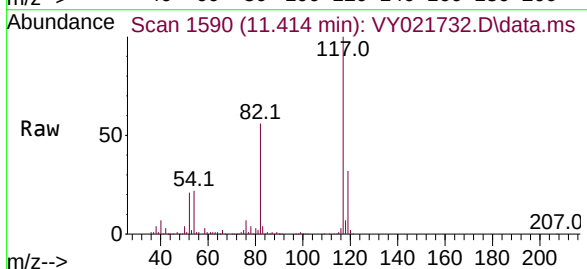
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

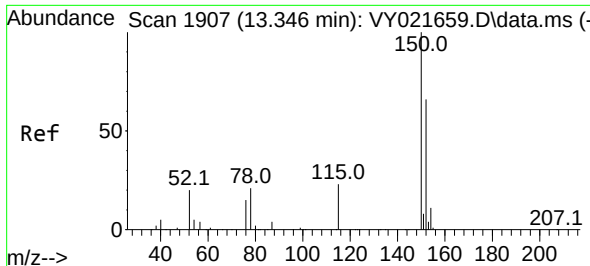
Tgt Ion: 95 Resp: 205202
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 79.7 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021732.D
Acq: 01 Apr 2025 10:52

Tgt Ion: 117 Resp: 477574
Ion Ratio Lower Upper
117 100
82 55.9 42.8 64.2
119 32.4 25.7 38.5

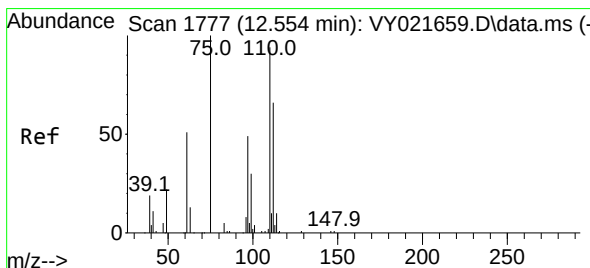
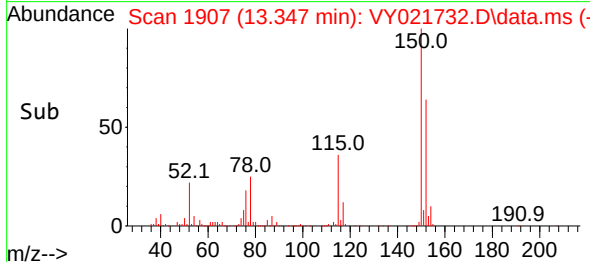
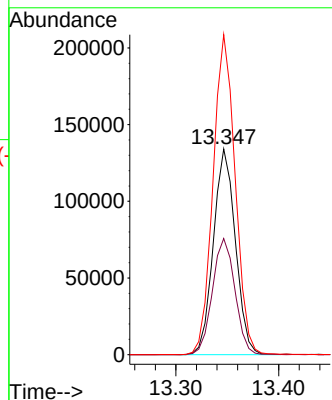
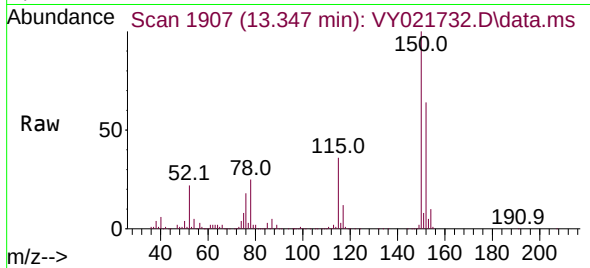




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021732.D
 Acq: 01 Apr 2025 10:52

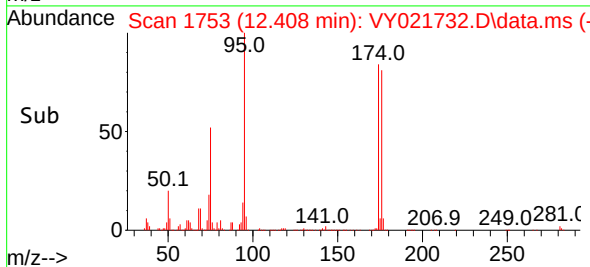
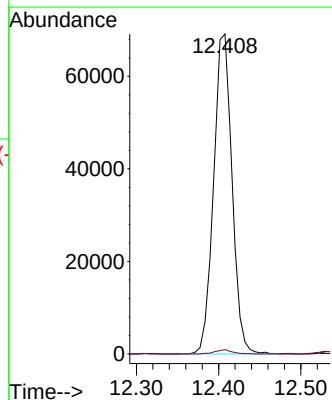
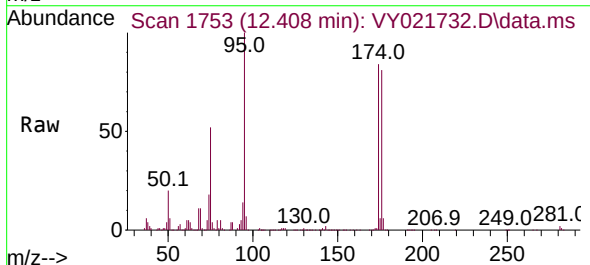
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

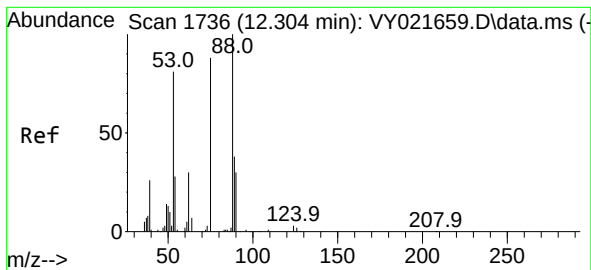
Tgt Ion:152 Resp: 199303
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 156.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 54.483 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY021732.D
 Acq: 01 Apr 2025 10:52

Tgt Ion: 75 Resp: 107636
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.537 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021732.D
 Acq: 01 Apr 2025 10:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

Tgt Ion: 75 Resp: 107636
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.2 36.2 54.4#

