

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021833.D
 Acq On : 10 Apr 2025 13:16
 Operator : SY/MD
 Sample : Q1746-01
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-149-SB01

Quant Time: Apr 11 01:50:28 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)

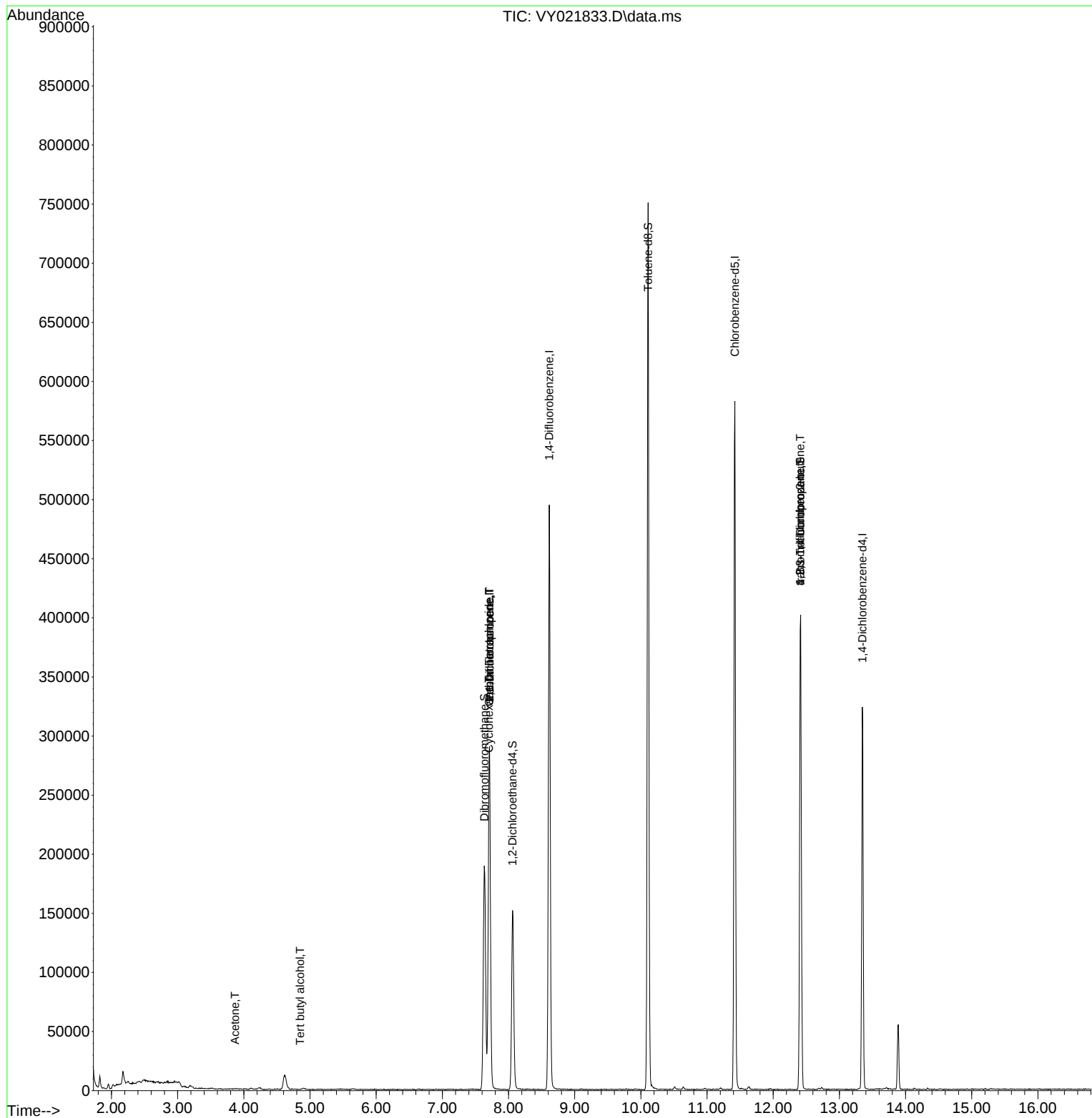
Internal Standards						
1) Pentafluorobenzene	7.713	168	216986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	393099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	299518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	79360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120626	51.309	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.634	113	134604	52.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.580%	
50) Toluene-d8	10.109	98	471962	48.652	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	12.408	95	99658	30.372	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 60.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	249	1.631	ug/l #	70
16) Acetone	3.867	43	888	1.846	ug/l #	44
20) Methylene Chloride	4.616	84	8560	Below Cal	#	95
31) Cyclohexane	7.701	56	5020	1.210	ug/l #	25
36) 1,1-Dichloropropene	7.713	75	18346	4.723	ug/l #	50
38) Carbon Tetrachloride	7.707	117	22445	5.046	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	52926	67.279	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	52926	155.023	ug/l #	12

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

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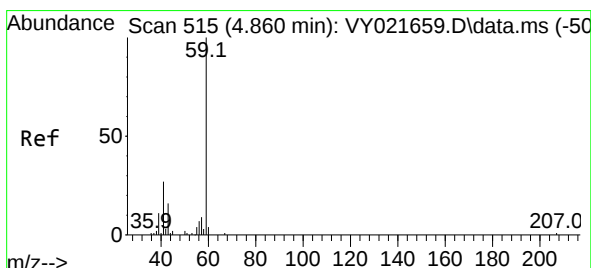
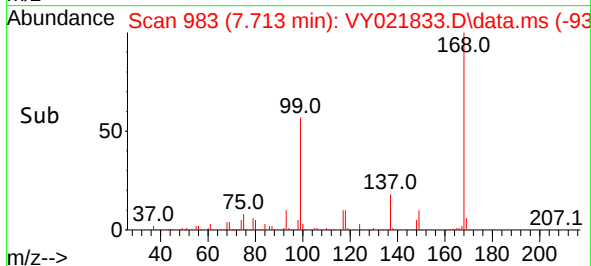
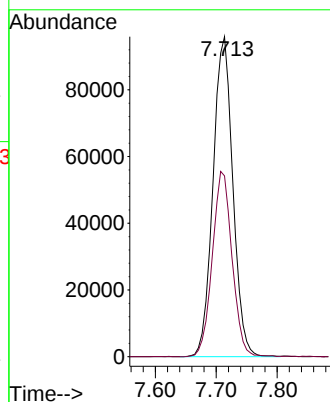
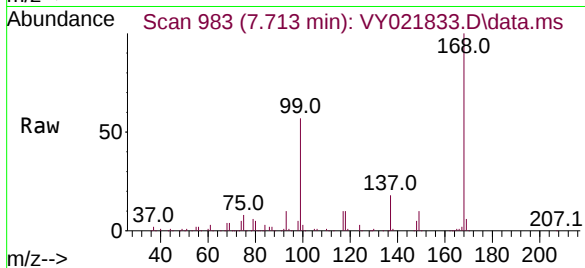




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

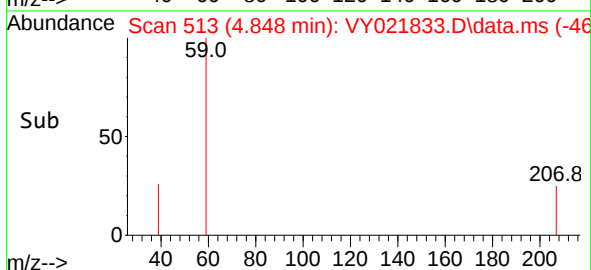
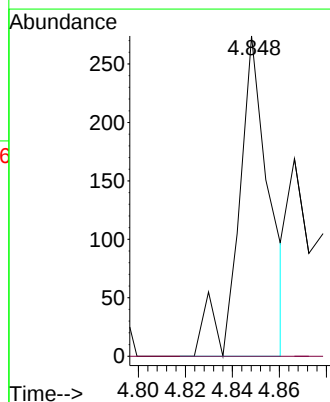
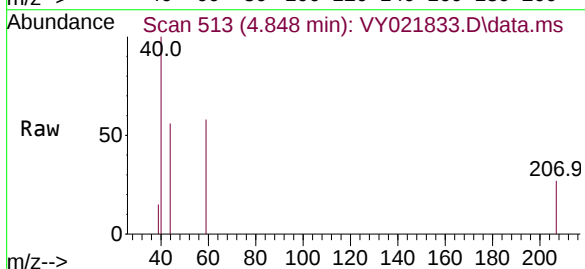
Instrument :
MSVOA_Y
ClientSampleId :
B-149-SB01

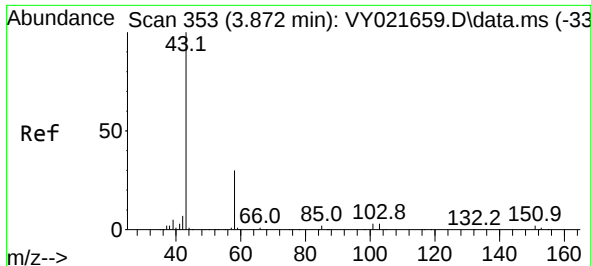
Tgt Ion:168 Resp: 216986
Ion Ratio Lower Upper
168 100
99 56.5 46.7 70.1



#11
Tert butyl alcohol
Concen: 1.631 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#

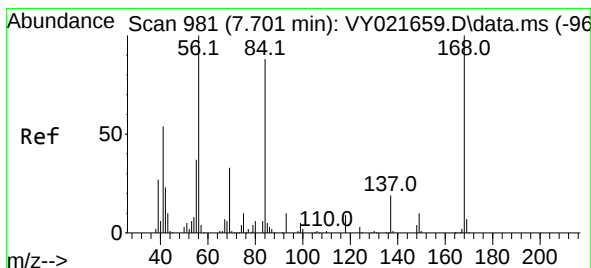
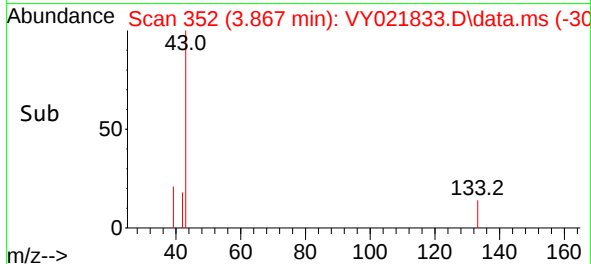
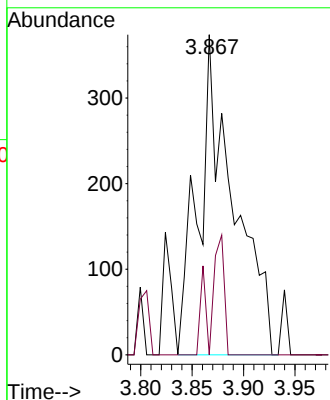
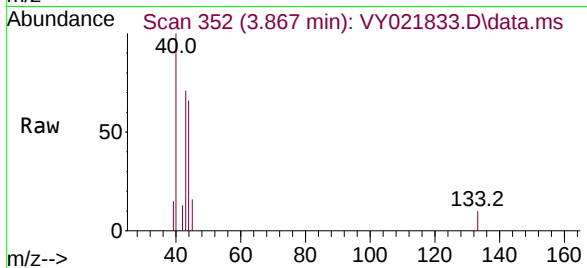




#16
Acetone
Concen: 1.846 ug/l
RT: 3.867 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

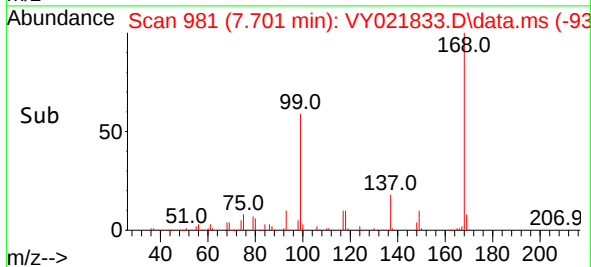
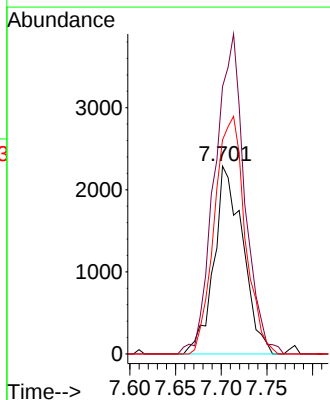
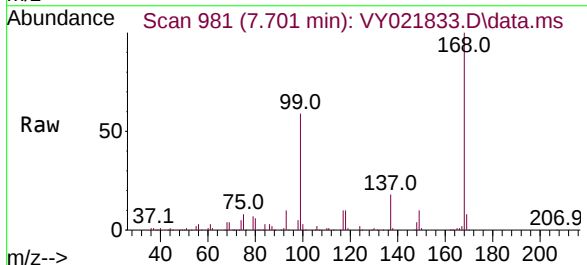
Instrument :
MSVOA_Y
ClientSampleId :
B-149-SB01

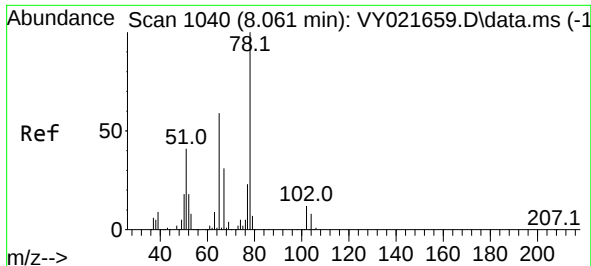
Tgt Ion: 43 Resp: 888
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

Tgt Ion: 56 Resp: 5020
Ion Ratio Lower Upper
56 100
69 142.2 26.6 40.0#
84 113.9 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 51.309 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021833.D

Acq: 10 Apr 2025 13:16

Instrument :

MSVOA_Y

ClientSampleId :

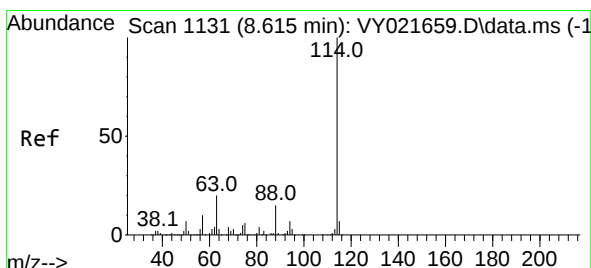
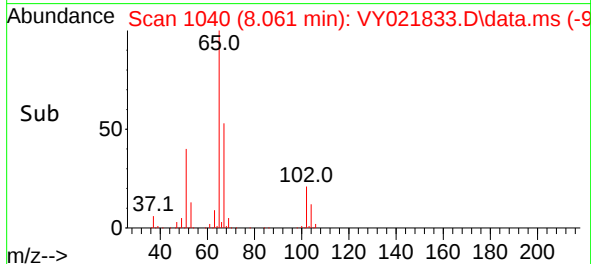
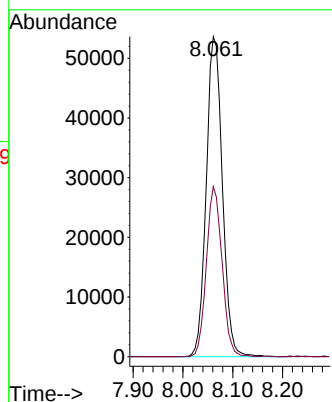
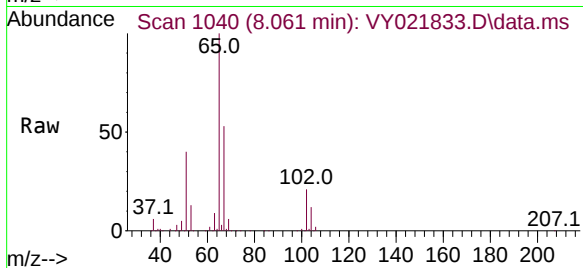
B-149-SB01

Tgt Ion: 65 Resp: 120626

Ion Ratio Lower Upper

65 100

67 51.6 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: VY021833.D

Acq: 10 Apr 2025 13:16

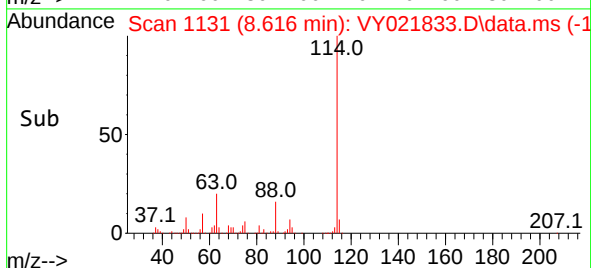
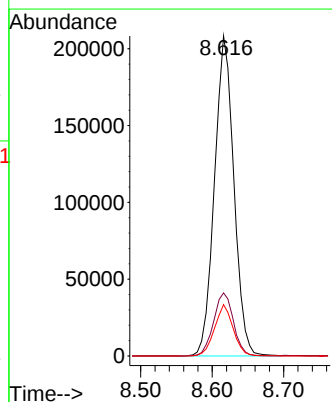
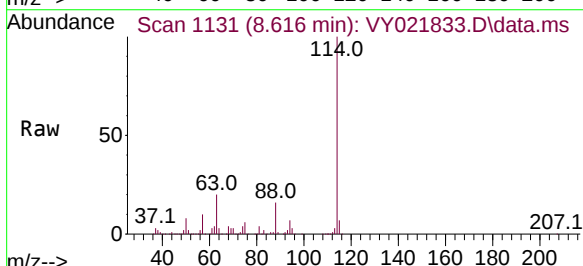
Tgt Ion: 114 Resp: 393099

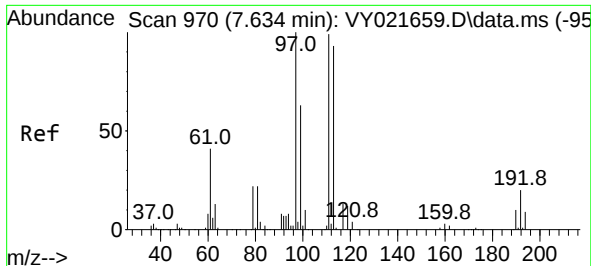
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 16.1 0.0 29.8

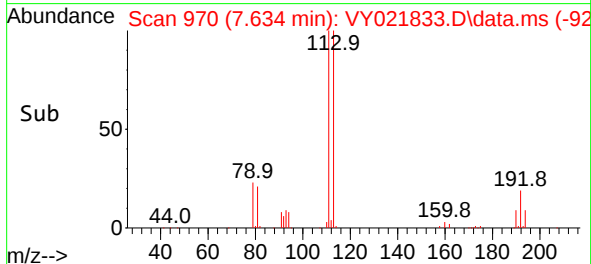
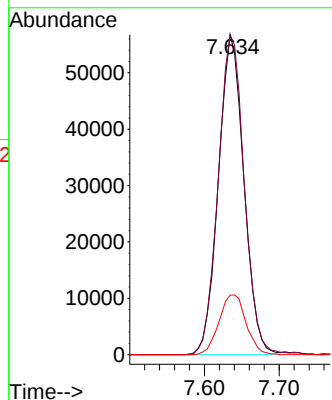
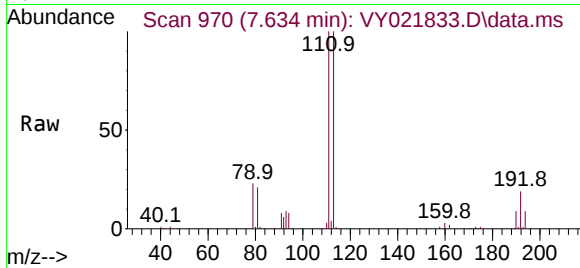




#35
Dibromofluoromethane
Concen: 52.787 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

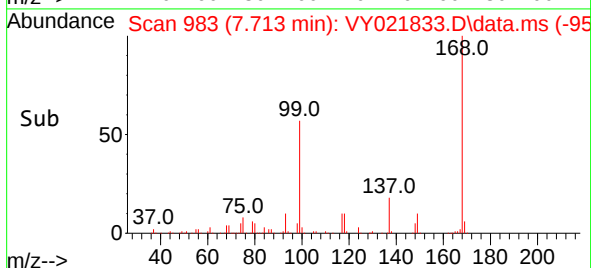
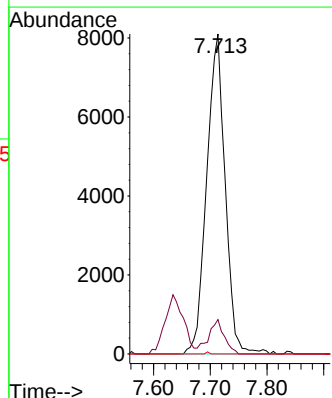
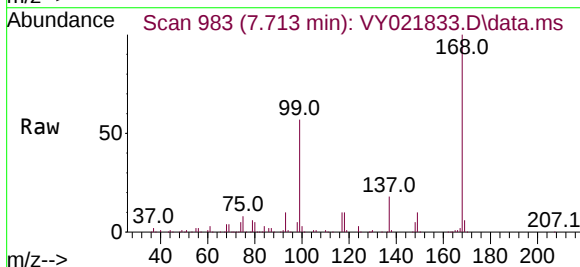
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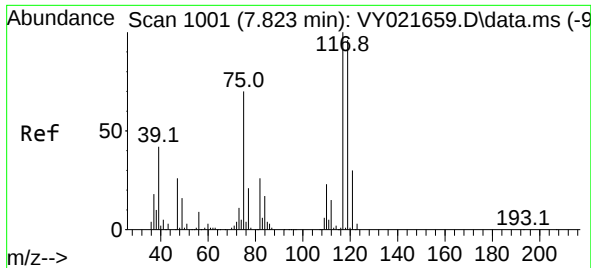
Tgt Ion:113 Resp: 134604
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 19.8 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.723 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

Tgt Ion: 75 Resp: 18346
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.1 24.8 37.2#

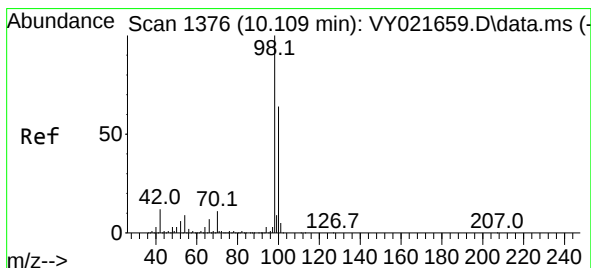
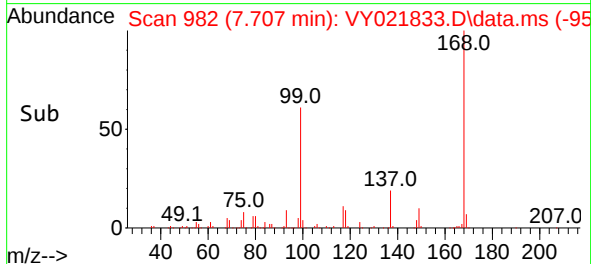
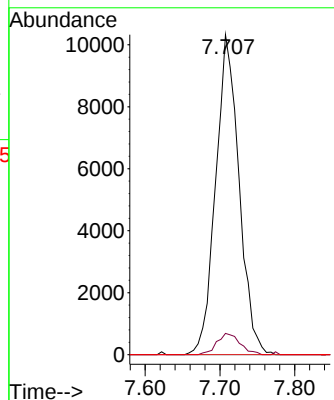
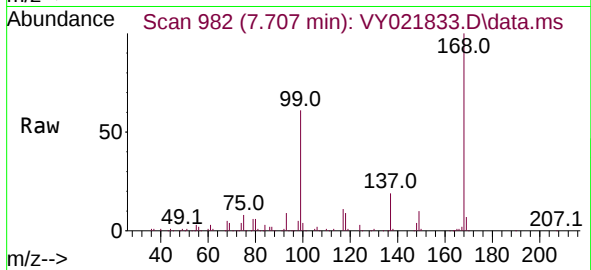




#38
Carbon Tetrachloride
Concen: 5.046 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

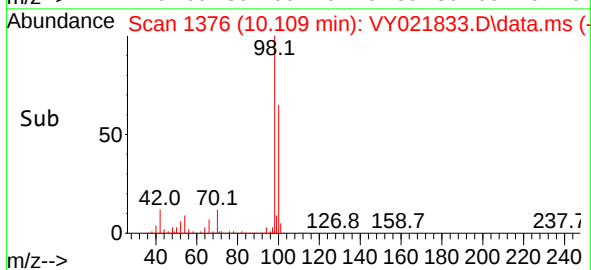
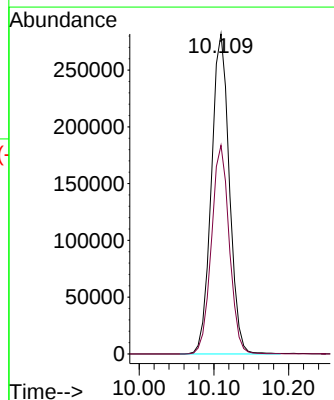
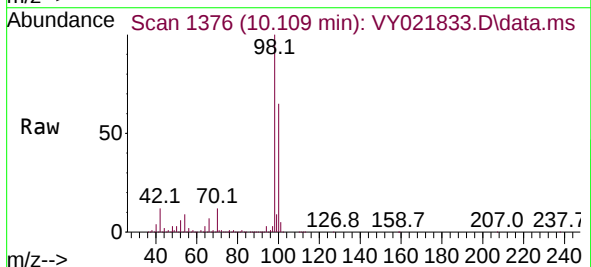
Instrument :
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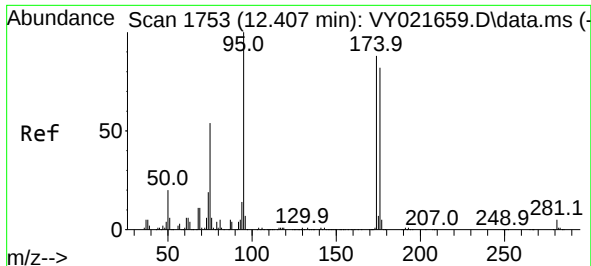
Tgt Ion: 117 Resp: 22445
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.652 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

Tgt Ion: 98 Resp: 471962
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

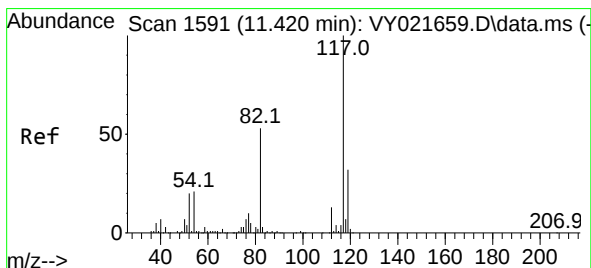
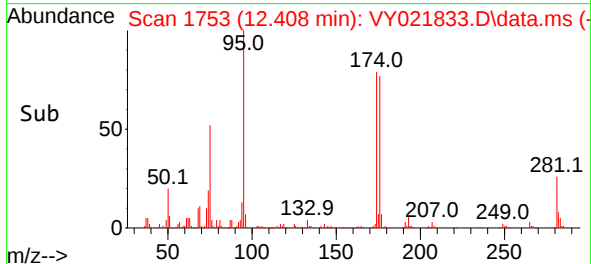
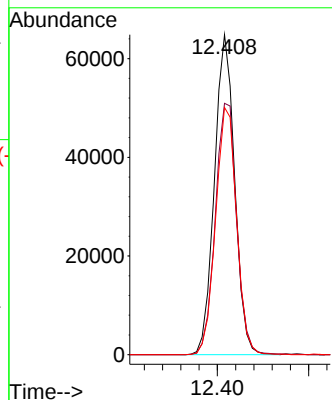
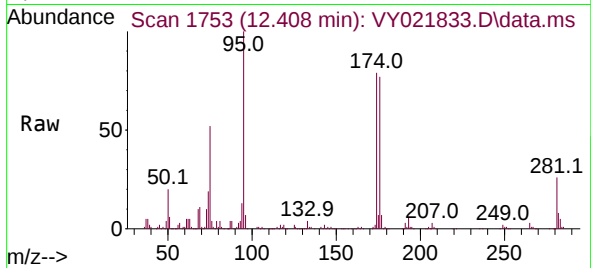




#62
4-Bromofluorobenzene
Concen: 30.372 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

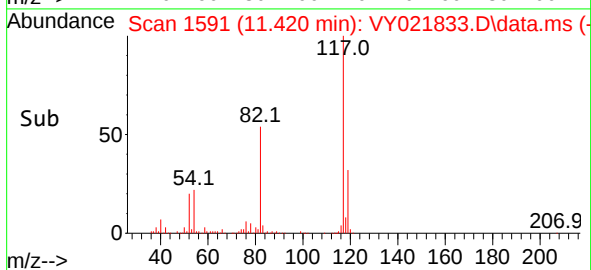
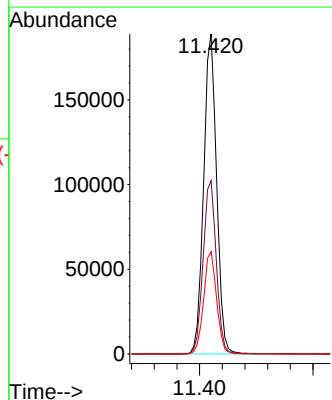
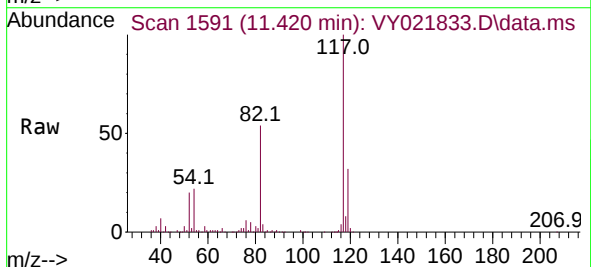
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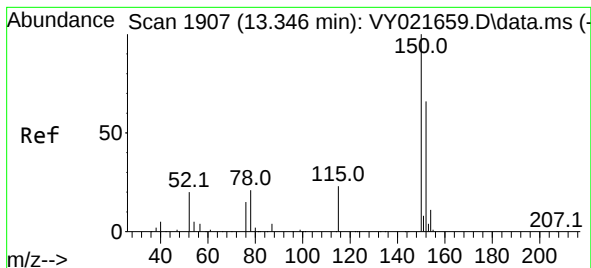
Tgt Ion: 95 Resp: 99658
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.8
176 80.3 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

Tgt Ion: 117 Resp: 299518
Ion Ratio Lower Upper
117 100
82 54.1 42.8 64.2
119 32.0 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: VY021833.D

Acq: 10 Apr 2025 13:16

Instrument :

MSVOA_Y

ClientSampleId :

B-149-SB01

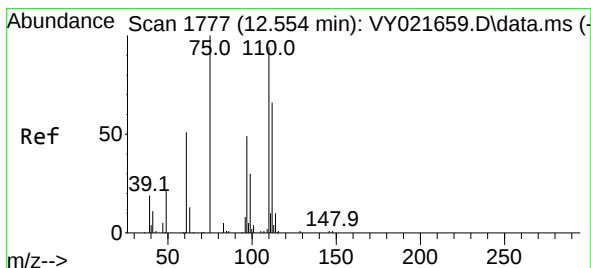
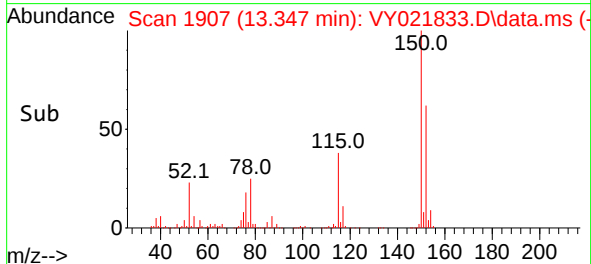
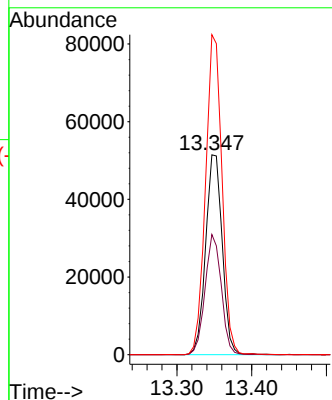
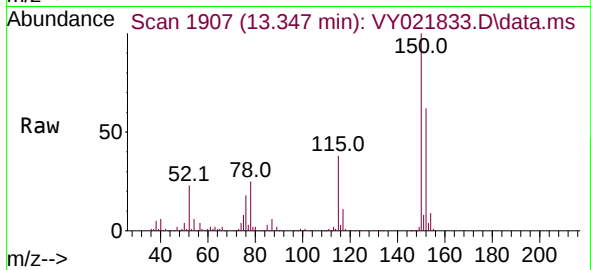
Tgt Ion:152 Resp: 79360

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 158.5 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 67.279 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021833.D

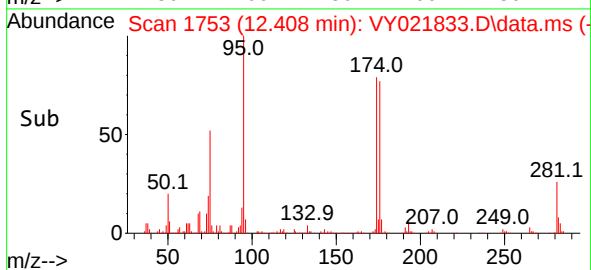
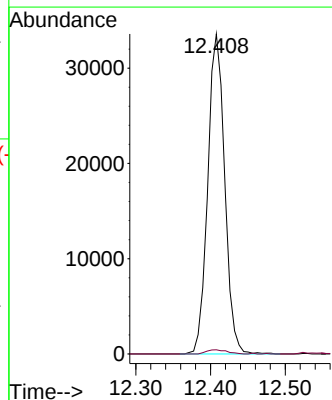
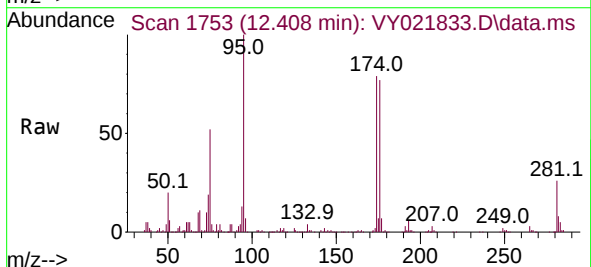
Acq: 10 Apr 2025 13:16

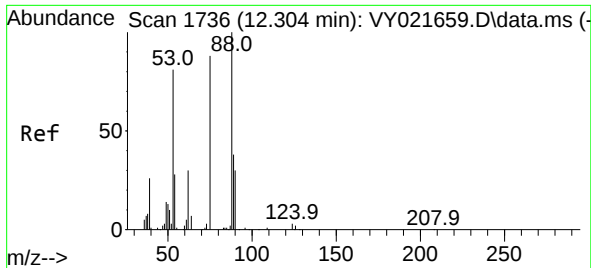
Tgt Ion: 75 Resp: 52926

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 155.023 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021833.D
Acq: 10 Apr 2025 13:16

Instrument :
MSVOA_Y
ClientSampleId :
B-149-SB01

Tgt Ion:	75	Resp:	52926
Ion	Ratio	Lower	Upper
75	100		
53	0.3	76.1	114.1#
89	0.9	36.2	54.4#

