

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021908.D
 Acq On : 17 Apr 2025 14:05
 Operator : SY/MD
 Sample : Q1825-01
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Apr 18 03:58:23 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)

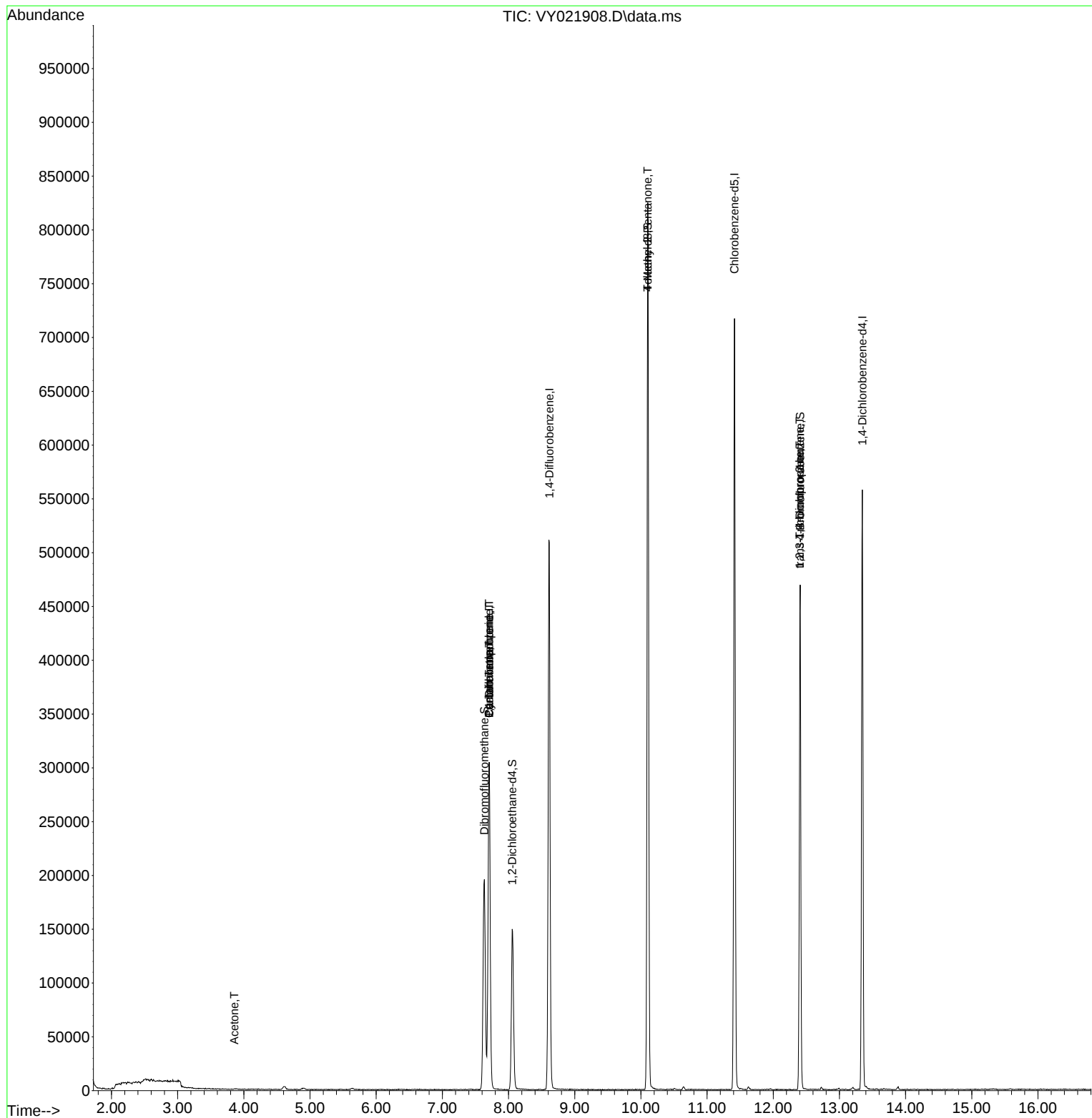
Internal Standards						
1) Pentafluorobenzene	7.707	168	225053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	422248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	118375	48.547	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.634	113	139342	50.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.740%
50) Toluene-d8	10.103	98	510748	49.015	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.040%
62) 4-Bromofluorobenzene	12.408	95	140002	39.721	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.440%
Target Compounds						
					Qvalue	
16) Acetone	3.854	43	865	1.733	ug/l #	44
20) Methylene Chloride	4.604	84	1970	Below Cal	#	77
31) Cyclohexane	7.707	56	5544	1.288	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	18189	4.360	ug/l #	50
38) Carbon Tetrachloride	7.707	117	22877	4.788	ug/l #	18
51) 4-Methyl-2-Pentanone	10.103	43	2390	1.231	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	73560	53.987	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	73560	124.395	ug/l #	12

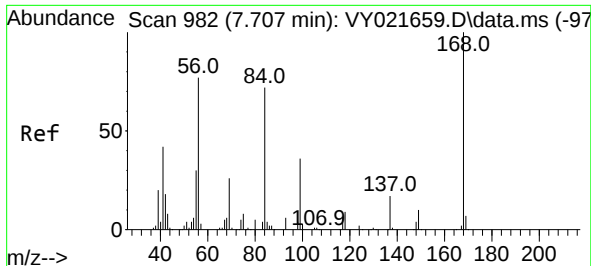
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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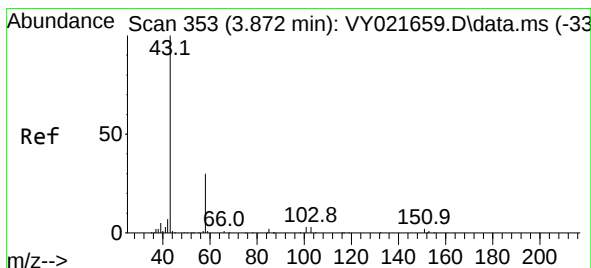
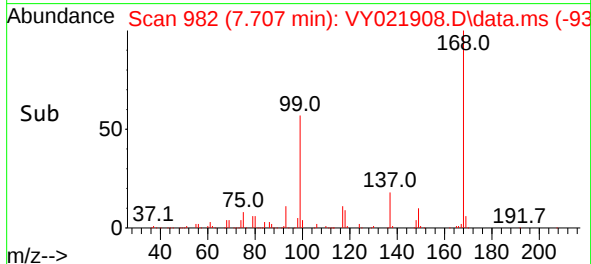
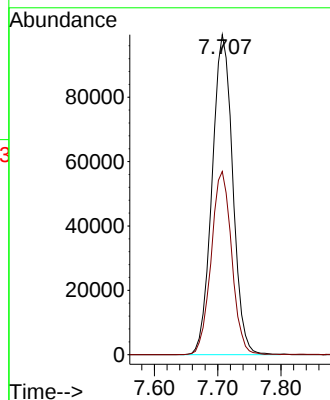
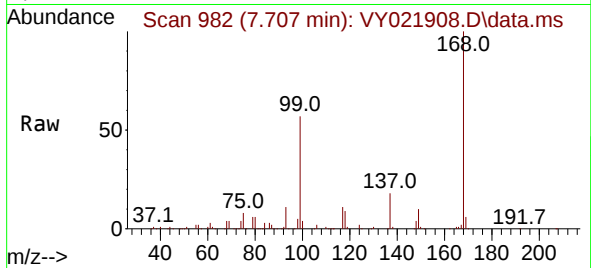




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

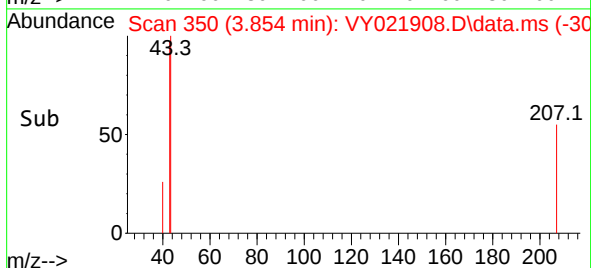
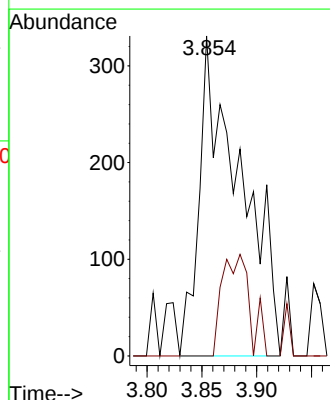
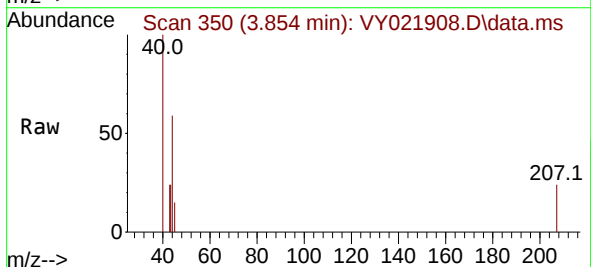
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

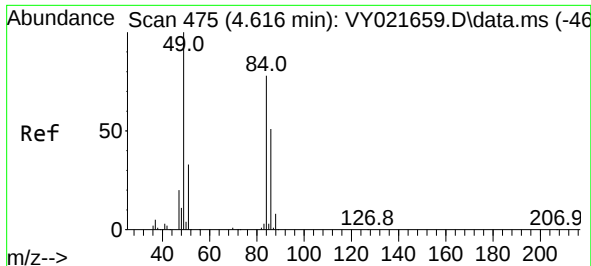
Tgt Ion:168 Resp: 225053
Ion Ratio Lower Upper
168 100
99 57.2 46.7 70.1



#16
Acetone
Concen: 1.733 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

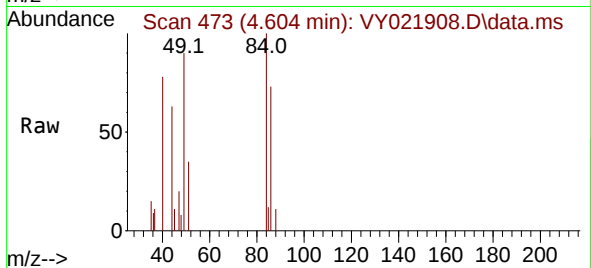
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



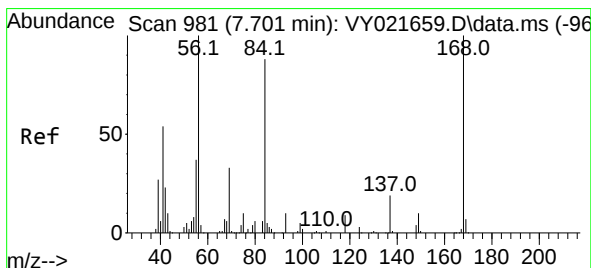
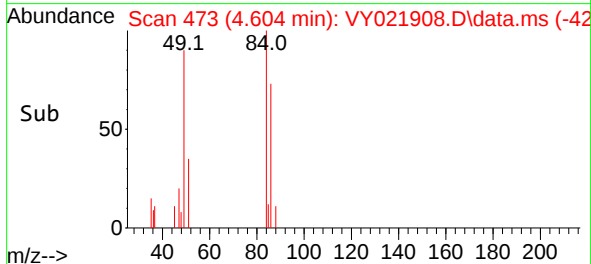
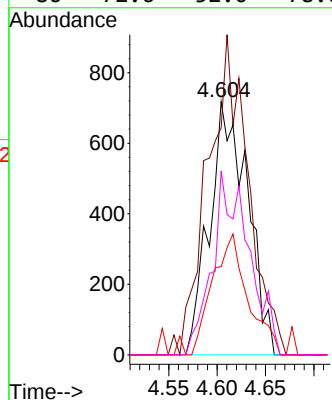


#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

Instrument :
MSVOA_Y
ClientSampleId :
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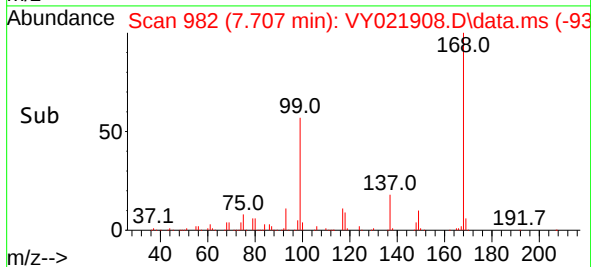
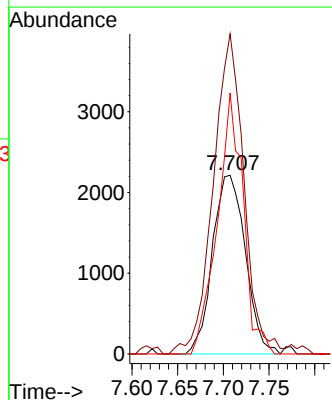
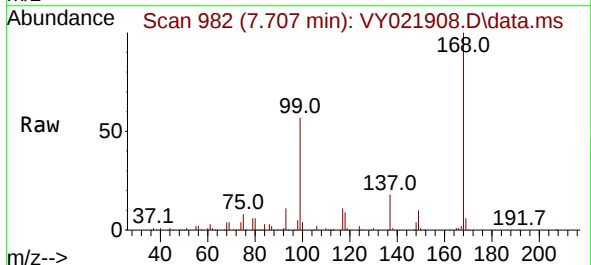


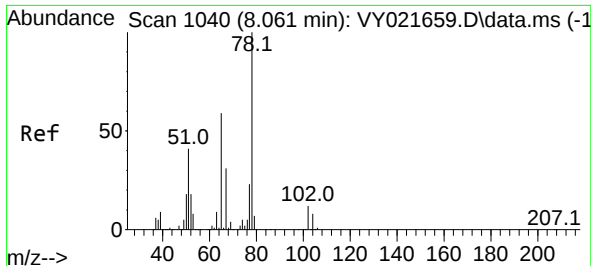
Tgt Ion: 84 Resp: 1970
Ion Ratio Lower Upper
84 100
49 89.7 102.8 154.2#
51 34.8 33.5 50.3
86 72.6 52.0 78.0



#31
Cyclohexane
Concen: 1.288 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 56 Resp: 5544
Ion Ratio Lower Upper
56 100
69 175.9 26.6 40.0#
84 146.0 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 48.547 ug/l

RT: 8.055 min Scan# 11039

Delta R.T. -0.006 min

Lab File: VY021908.D

Acq: 17 Apr 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

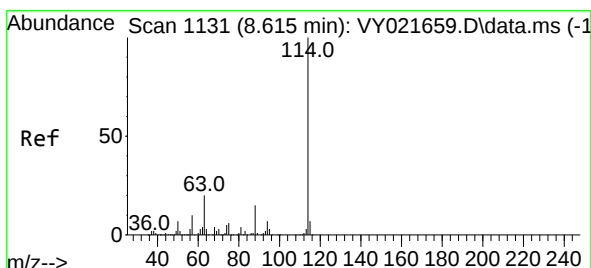
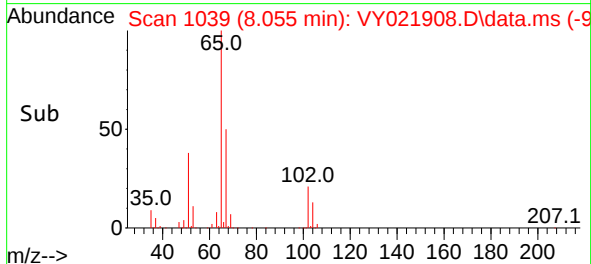
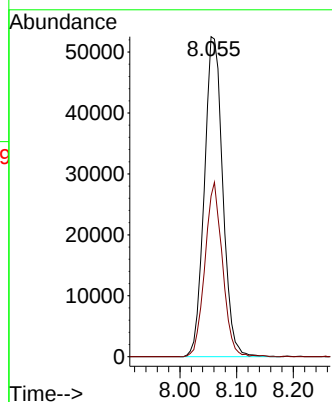
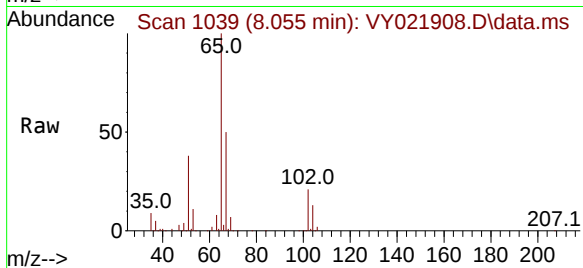
TP-9

Tgt Ion: 65 Resp: 118375

Ion Ratio Lower Upper

65 100

67 52.0 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: VY021908.D

Acq: 17 Apr 2025 14:05

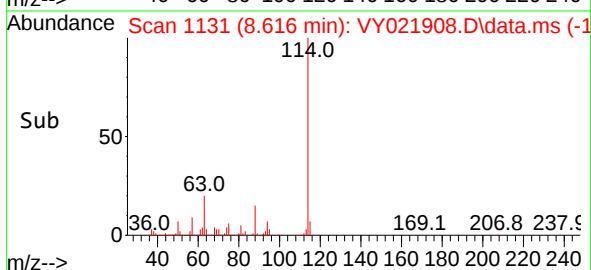
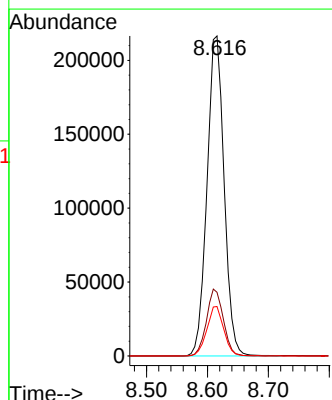
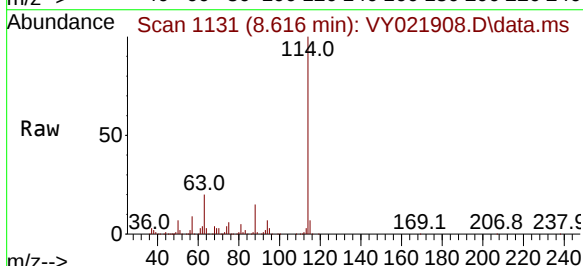
Tgt Ion: 114 Resp: 422248

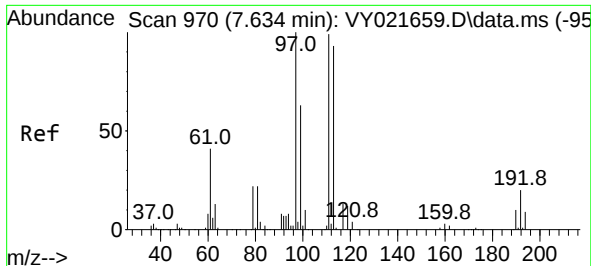
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.5 0.0 29.8

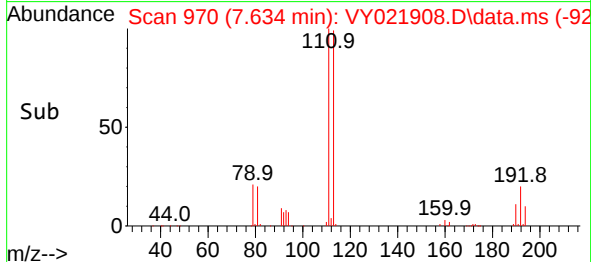
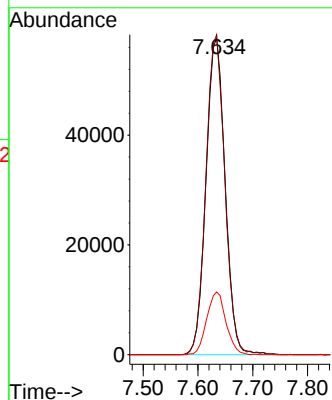
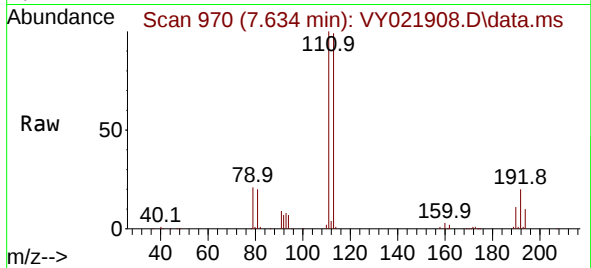




#35
Dibromofluoromethane
Concen: 50.872 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

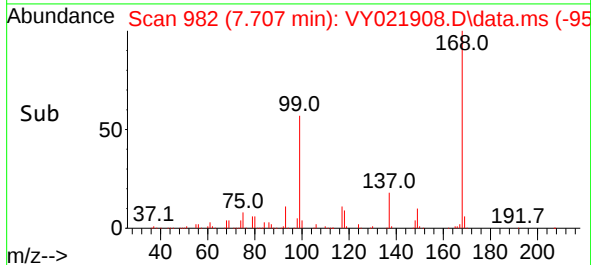
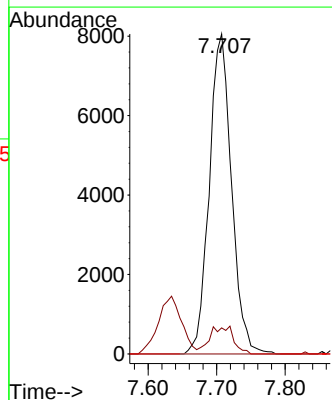
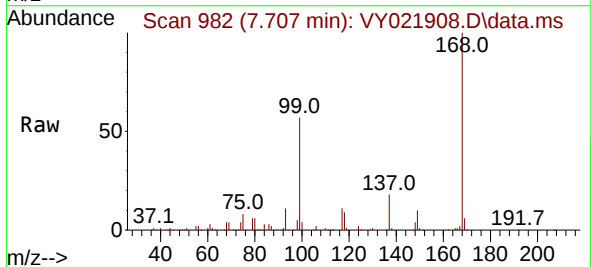
Instrument :
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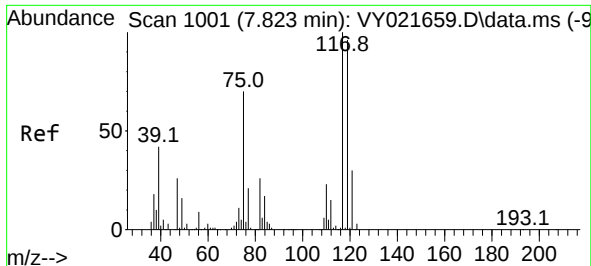
Tgt Ion:113 Resp: 139342
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.360 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 75 Resp: 18189
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.8 37.2#

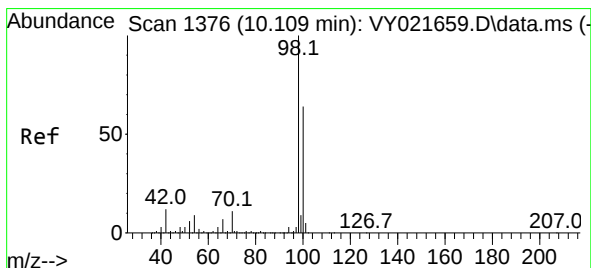
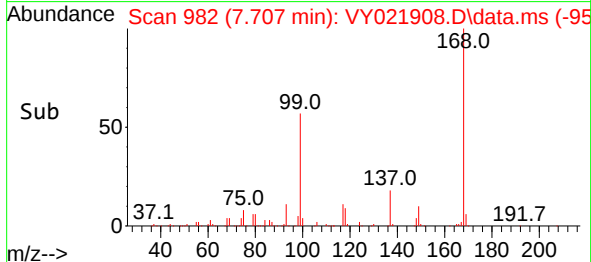
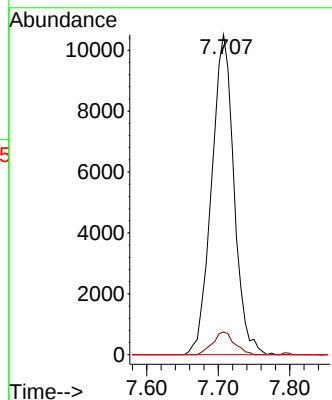
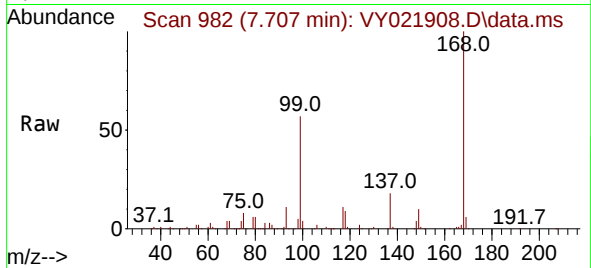




#38
Carbon Tetrachloride
Concen: 4.788 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

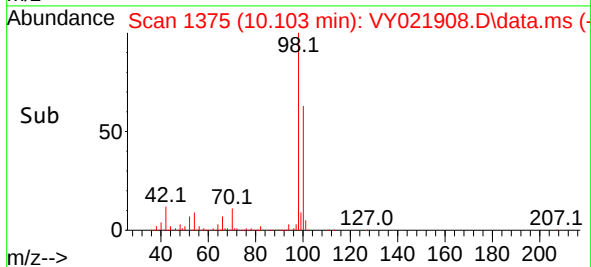
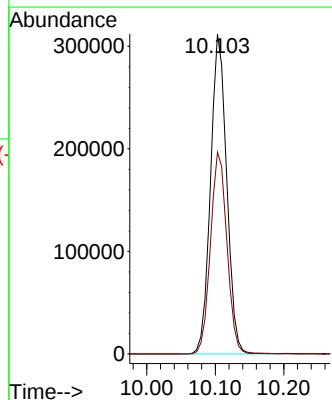
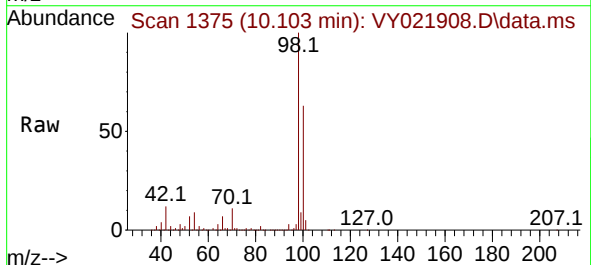
Instrument :
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ClientSampleId :
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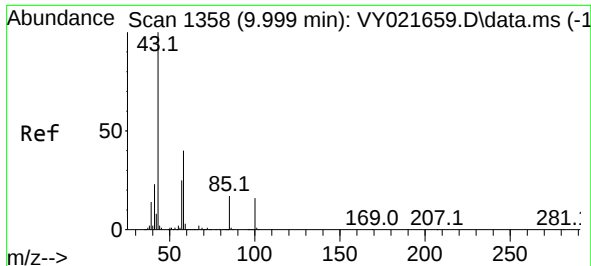
Tgt Ion:117 Resp: 22877
Ion Ratio Lower Upper
117 100
119 7.1 76.2 114.4#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 49.015 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 98 Resp: 510748
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

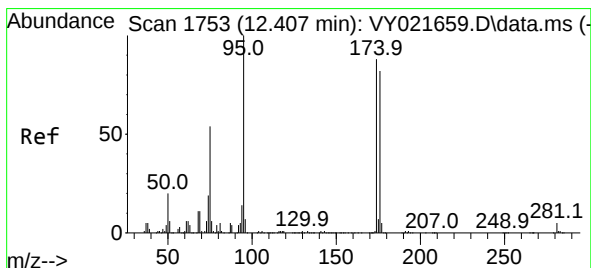
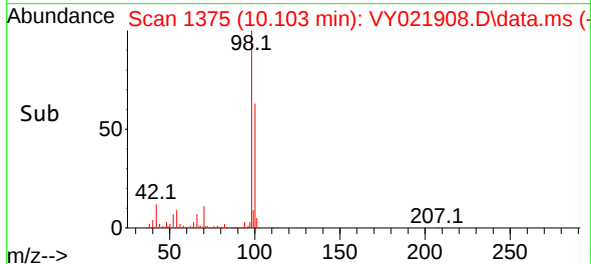
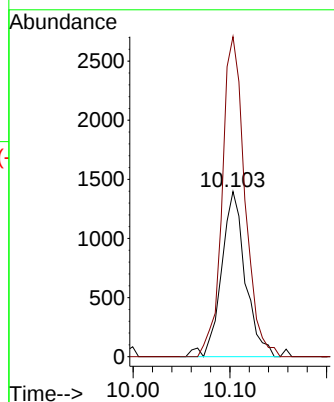
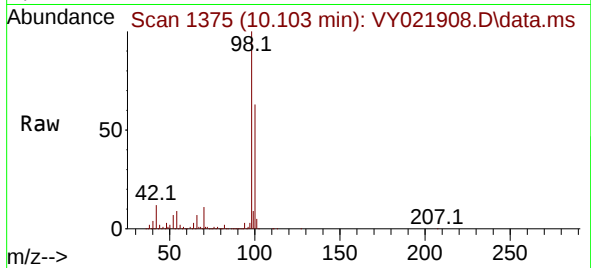




#51
4-Methyl-2-Pentanone
Concen: 1.231 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

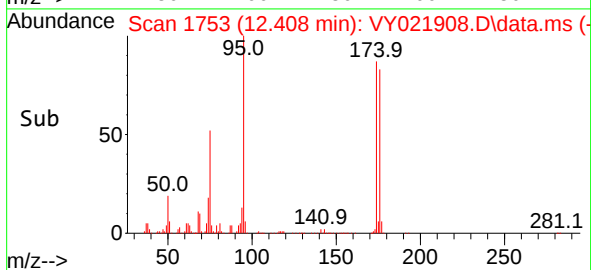
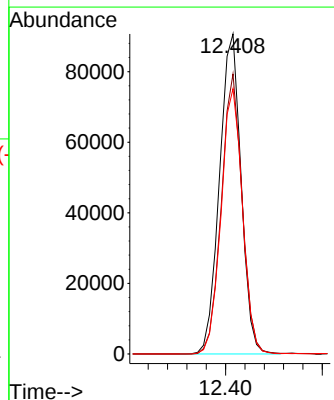
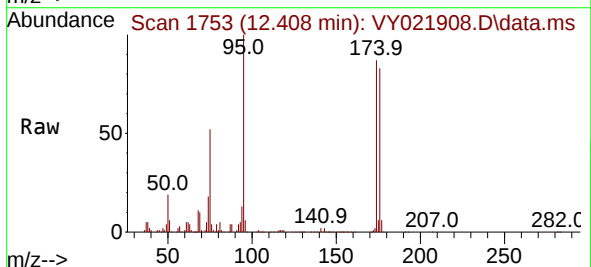
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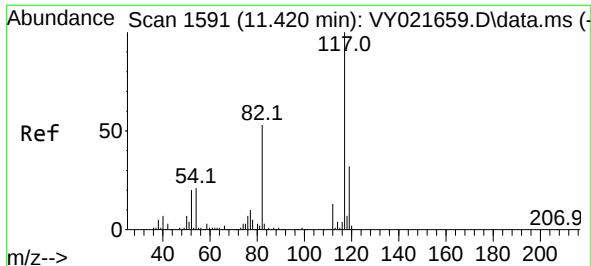
Tgt Ion: 43 Resp: 2390
Ion Ratio Lower Upper
43 100
58 184.9 31.5 47.3#



#62
4-Bromofluorobenzene
Concen: 39.721 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 95 Resp: 140002
Ion Ratio Lower Upper
95 100
174 84.7 0.0 170.8
176 82.2 0.0 162.0

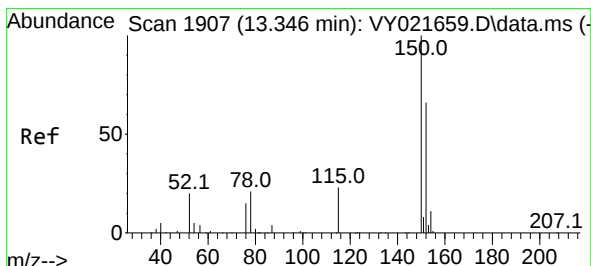
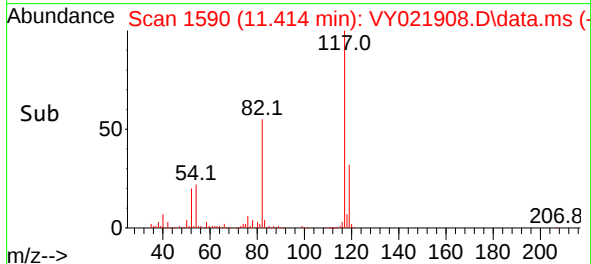
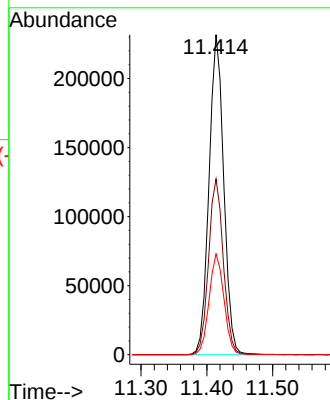
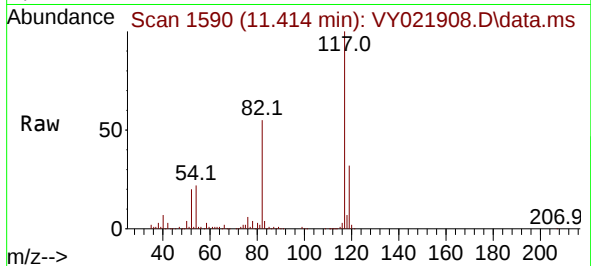




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

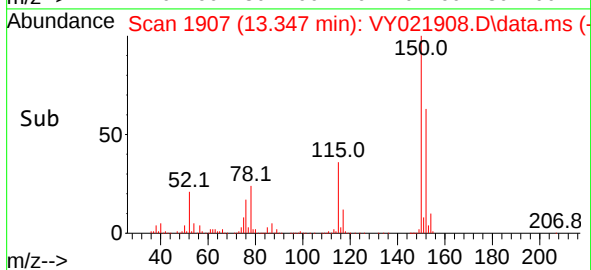
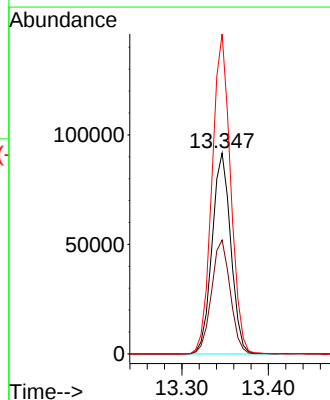
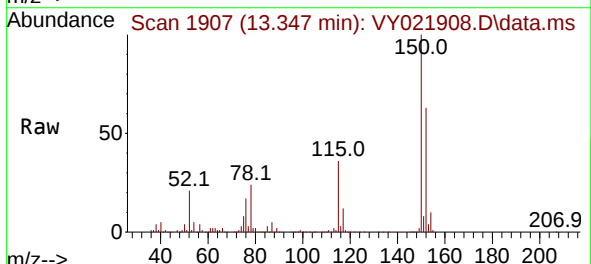
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

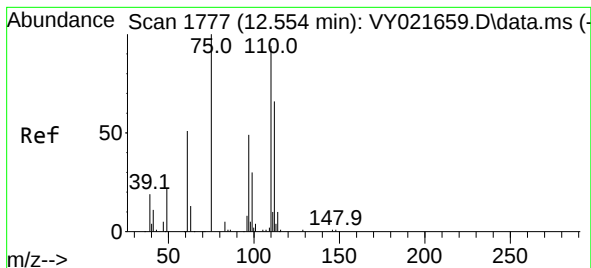
Tgt Ion:117 Resp: 360925
Ion Ratio Lower Upper
117 100
82 54.9 42.8 64.2
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

Tgt Ion:152 Resp: 137457
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 158.4 0.0 348.4

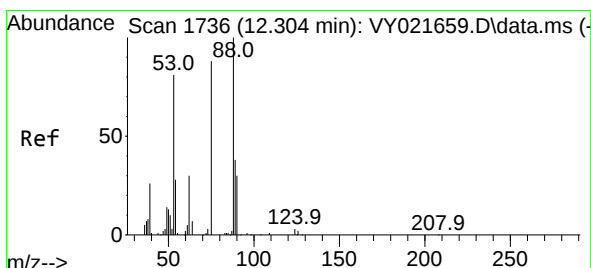
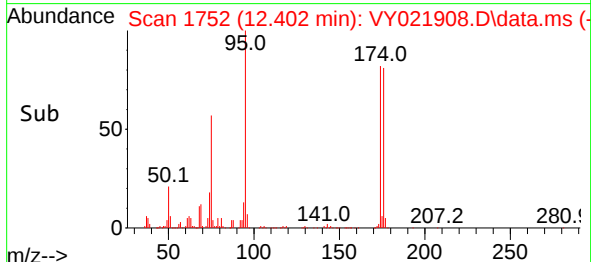
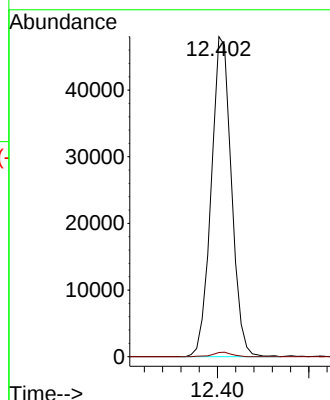
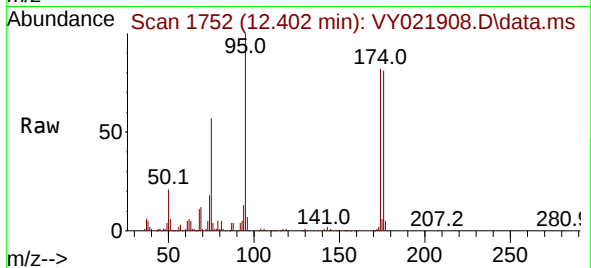




#76
1,2,3-Trichloropropane
Concen: 53.987 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

Tgt Ion: 75 Resp: 73560
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.395 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY021908.D
Acq: 17 Apr 2025 14:05

Tgt Ion: 75 Resp: 73560
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.0 36.2 54.4#

