

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
 Data File : VY021192.D
 Acq On : 13 Feb 2025 12:55
 Operator : SY/MD
 Sample : Q1346-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 00:45:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

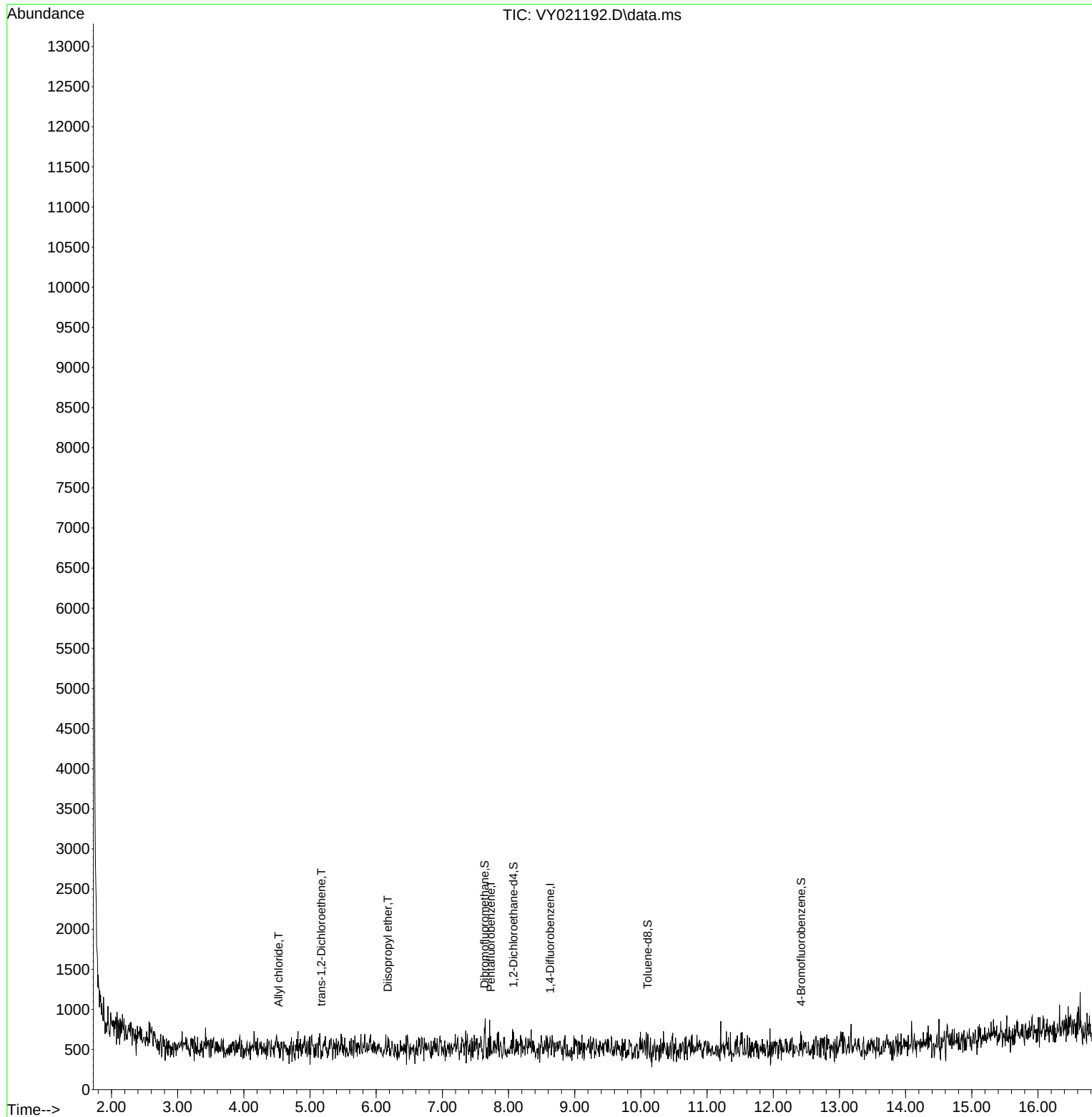
Internal Standards						
1) Pentafluorobenzene	7.732	168	44	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.628	114	142	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.42
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	54	119.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	239.560%#
35) Dibromofluoromethane	7.640	113	176	193.400	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	386.800%#
50) Toluene-d8	10.103	98	83	23.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	47.920%#
62) 4-Bromofluorobenzene	12.420	95	21	18.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	37.100%
Target Compounds						
						Qvalue
14) Allyl chloride	4.525	41	19	26.872	ug/l #	23
21) trans-1,2-Dichloroethene	5.171	96	25	54.136	ug/l #	1
22) Diisopropyl ether	6.177	45	26	17.840	ug/l #	35

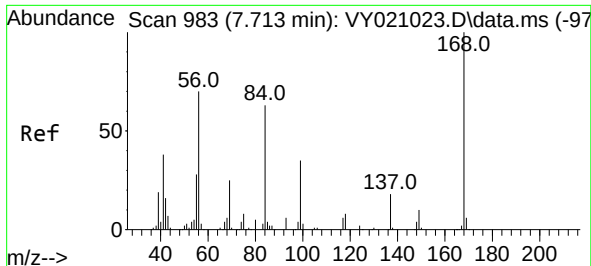
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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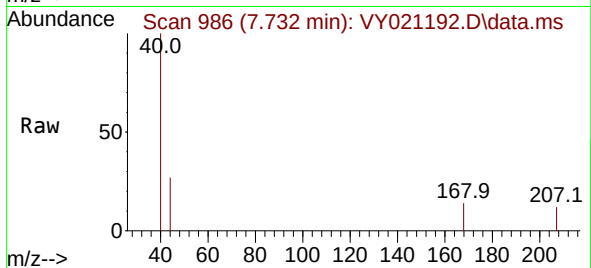
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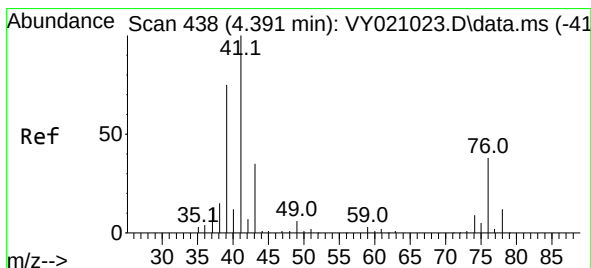
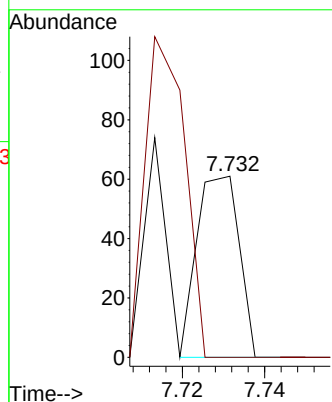
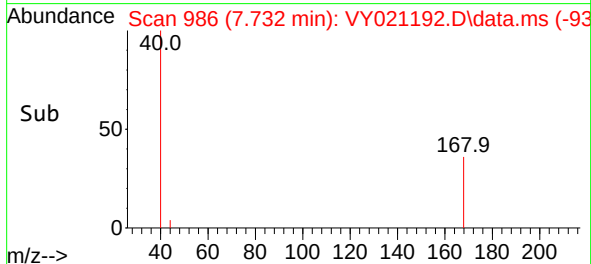


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Instrument :
MSVOA_Y
ClientSampleId :

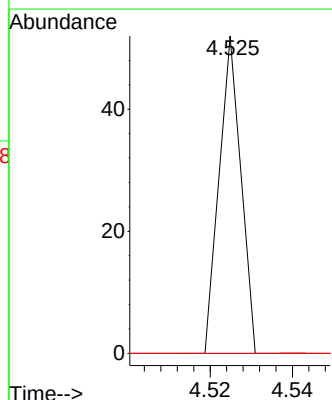
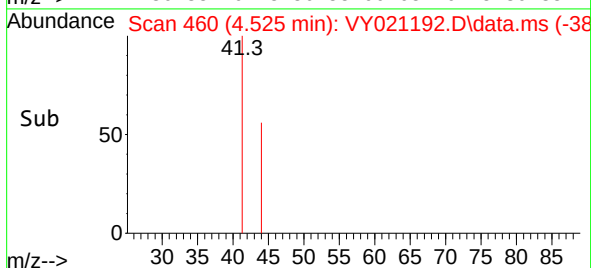
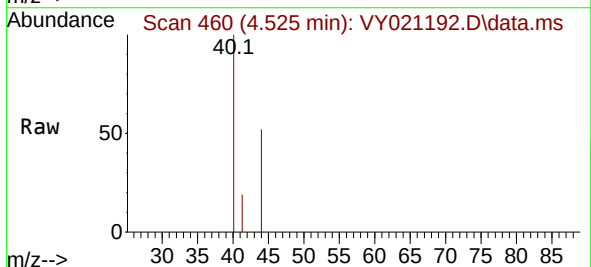


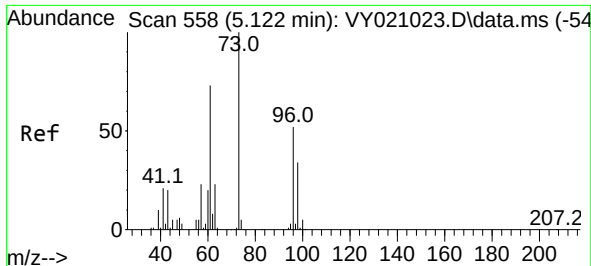
Tgt Ion:168 Resp: 44
Ion Ratio Lower Upper
168 100
99 0.0 44.2 66.4#



#14
Allyl chloride
Concen: 26.872 ug/l
RT: 4.525 min Scan# 460
Delta R.T. 0.134 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

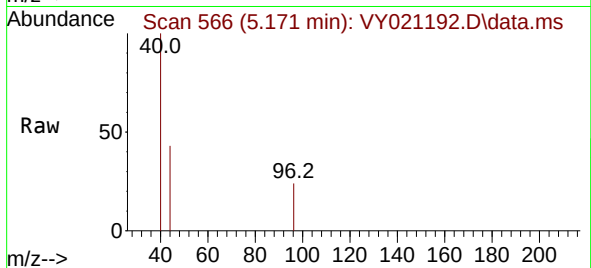
Tgt Ion: 41 Resp: 19
Ion Ratio Lower Upper
41 100
39 0.0 54.7 82.1#
76 0.0 31.8 47.6#



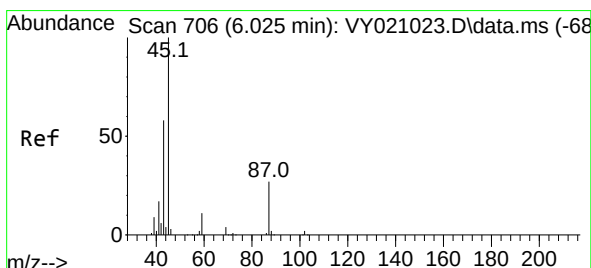
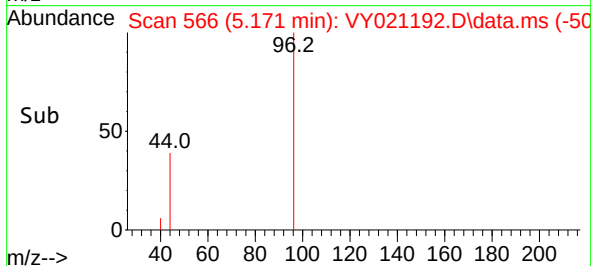
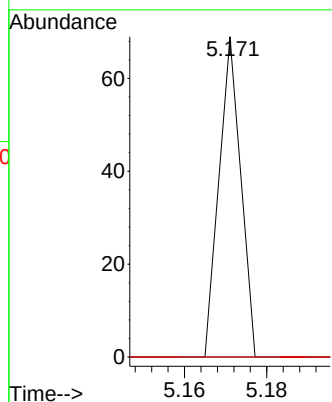


#21
trans-1,2-Dichloroethene
Concen: 54.136 ug/l
RT: 5.171 min Scan# 501
Delta R.T. 0.049 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Instrument :
MSVOA_Y
ClientSampleId :

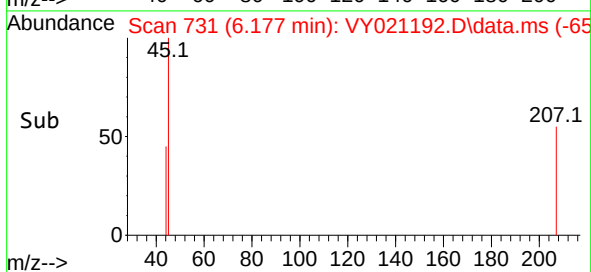
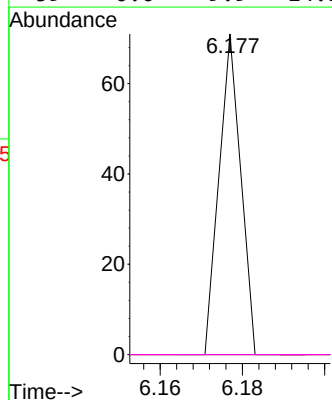
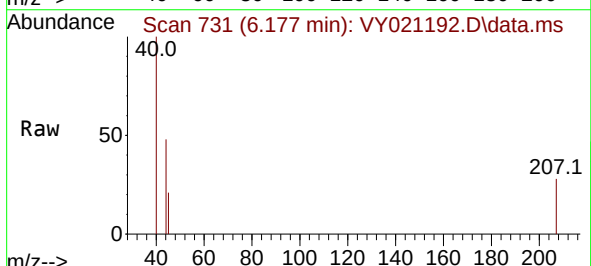


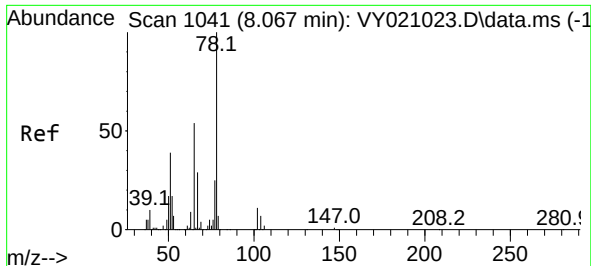
Tgt Ion: 96 Resp: 25
Ion Ratio Lower Upper
96 100
61 0.0 104.6 156.8#
98 0.0 50.9 76.3#



#22
Diisopropyl ether
Concen: 17.840 ug/l
RT: 6.177 min Scan# 731
Delta R.T. 0.152 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Tgt Ion: 45 Resp: 26
Ion Ratio Lower Upper
45 100
43 0.0 46.8 70.2#
87 0.0 22.2 33.2#
59 0.0 9.9 14.9#





#33

1,2-Dichloroethane-d4

Concen: 119.783 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY021192.D

Acq: 13 Feb 2025 12:55

Instrument :

MSVOA_Y

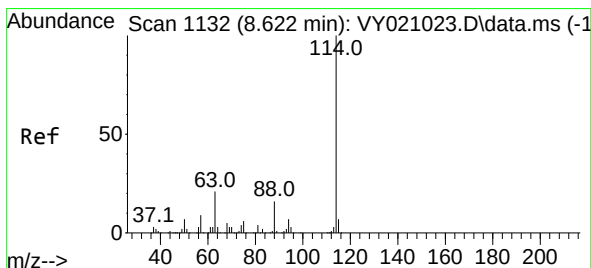
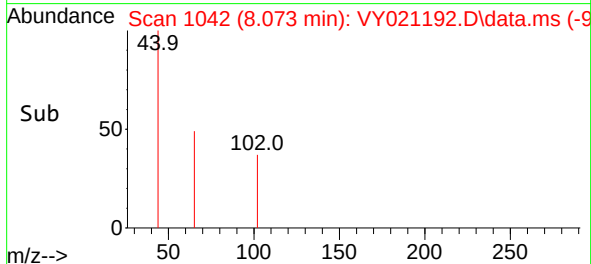
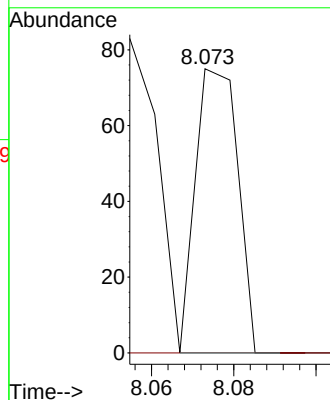
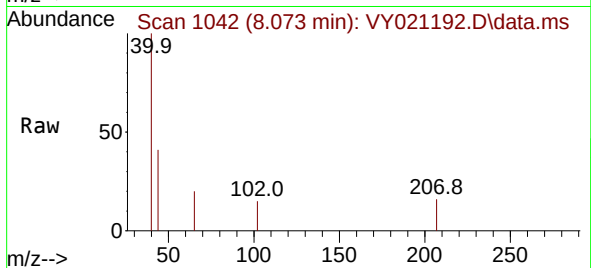
ClientSampleId :

Tgt Ion: 65 Resp: 54

Ion Ratio Lower Upper

65 100

67 0.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY021192.D

Acq: 13 Feb 2025 12:55

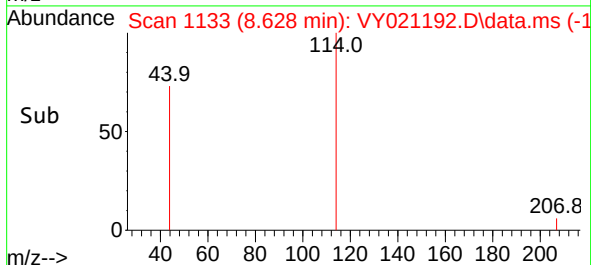
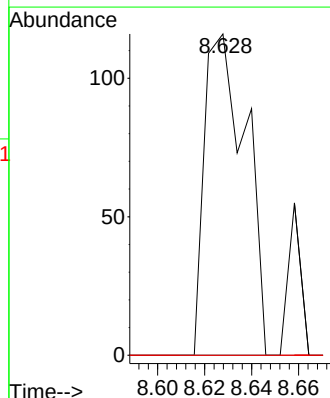
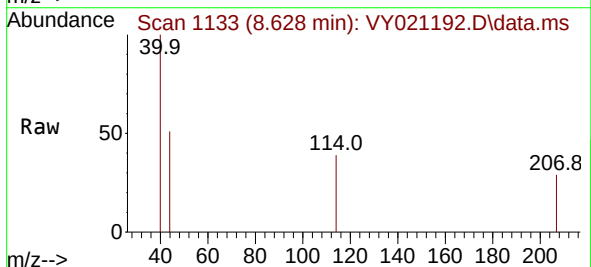
Tgt Ion: 114 Resp: 142

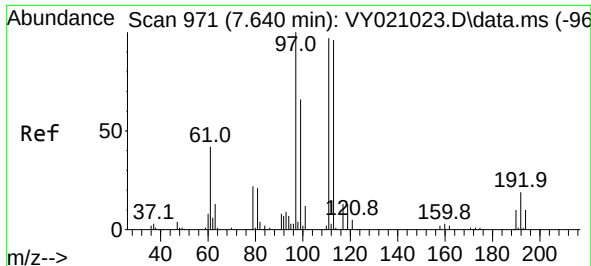
Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

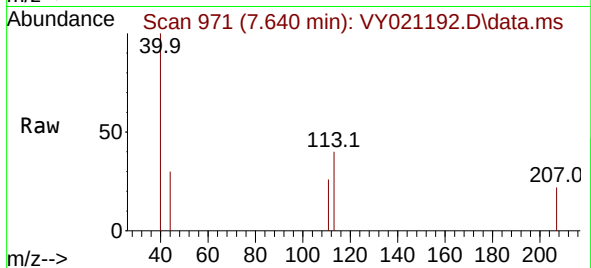
88 0.0 0.0 29.0



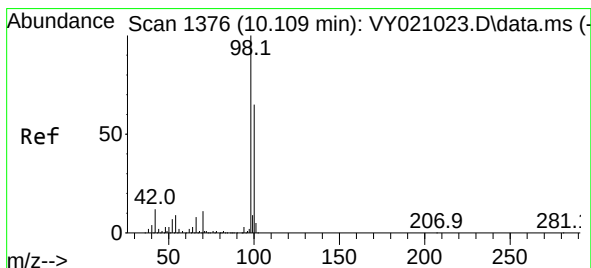
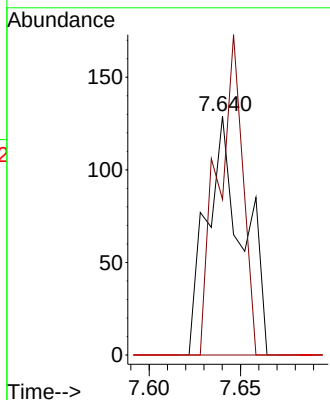
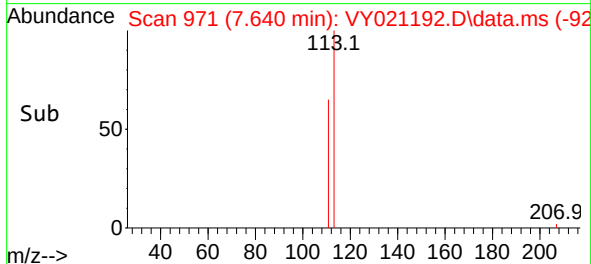


#35
Dibromofluoromethane
Concen: 193.400 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

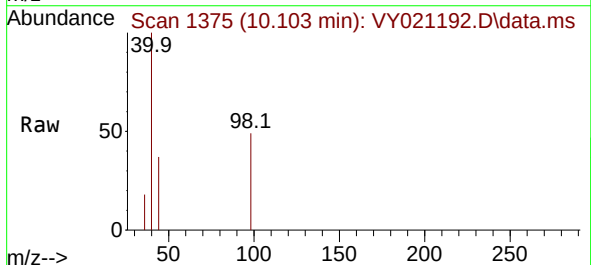
Instrument :
MSVOA_Y
ClientSampleId :



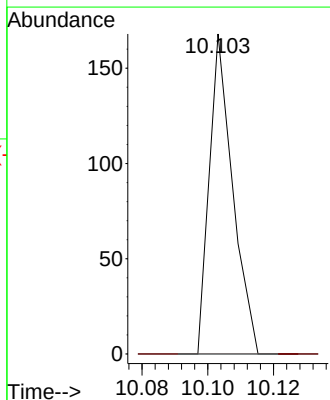
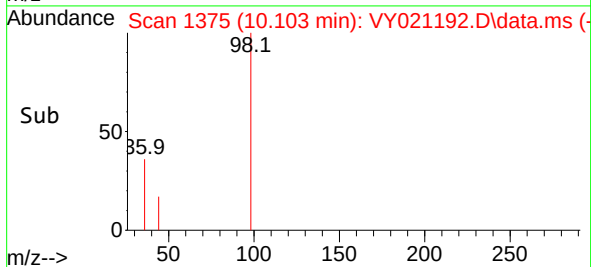
Tgt Ion:113 Resp: 176
Ion Ratio Lower Upper
113 100
111 93.2 83.8 125.6
192 0.0 14.5 21.7#

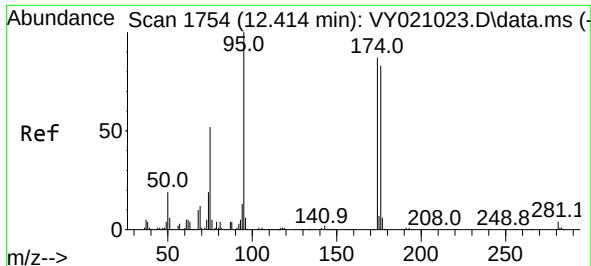


#50
Toluene-d8
Concen: 23.957 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55



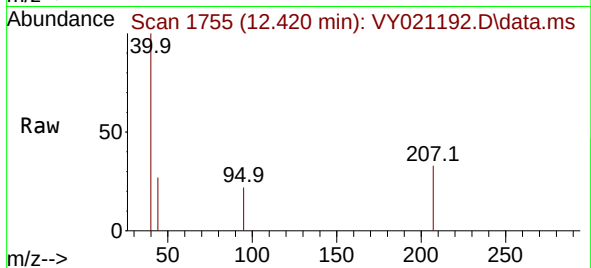
Tgt Ion: 98 Resp: 83
Ion Ratio Lower Upper
98 100
100 0.0 52.3 78.5#



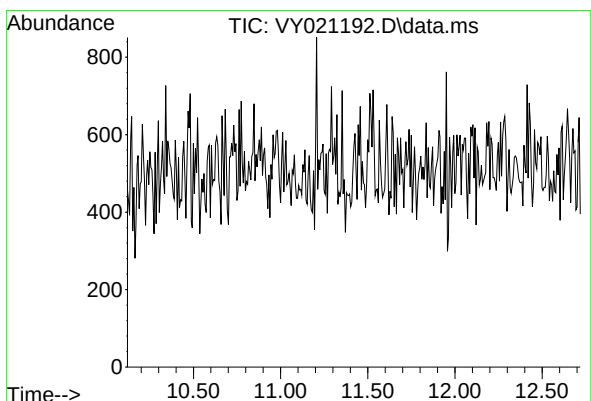
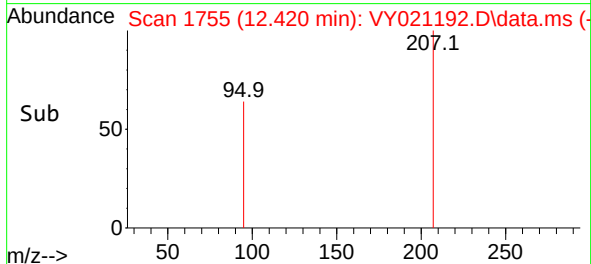
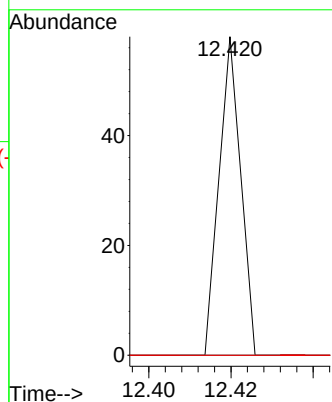


#62
4-Bromofluorobenzene
Concen: 18.554 ug/l
RT: 12.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Instrument :
MSVOA_Y
ClientSampleId :



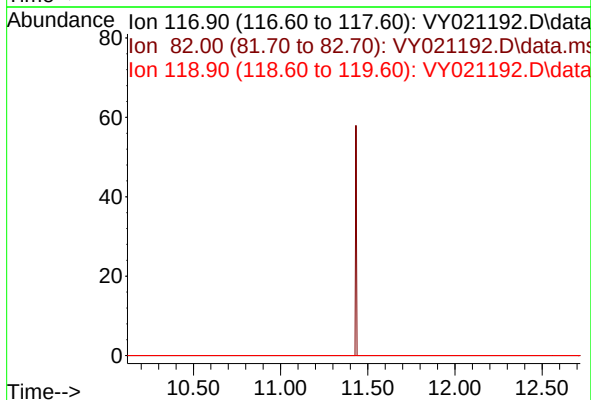
Tgt Ion: 95 Resp: 21
Ion Ratio Lower Upper
95 100
174 0.0 0.0 160.0
176 0.0 0.0 151.8

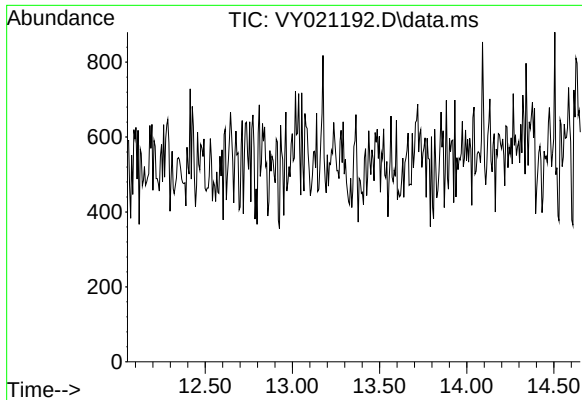


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.42 min

Lab File: VY021192.D
Acq: 13 Feb 2025 12:55

Tgt Ion: 117
Sig Exp Ratio
117 100
82 54.8
119 33.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.35 min
 Lab File: VY021192.D
 Acq: 13 Feb 2025 12:55

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 152
 Sig Exp Ratio
 152 100
 115 60.0
 150 172.3

