

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021582.D
 Acq On : 20 Mar 2025 15:11
 Operator : SY/MD
 Sample : Q1606-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT28607

Quant Time: Mar 21 01:33:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

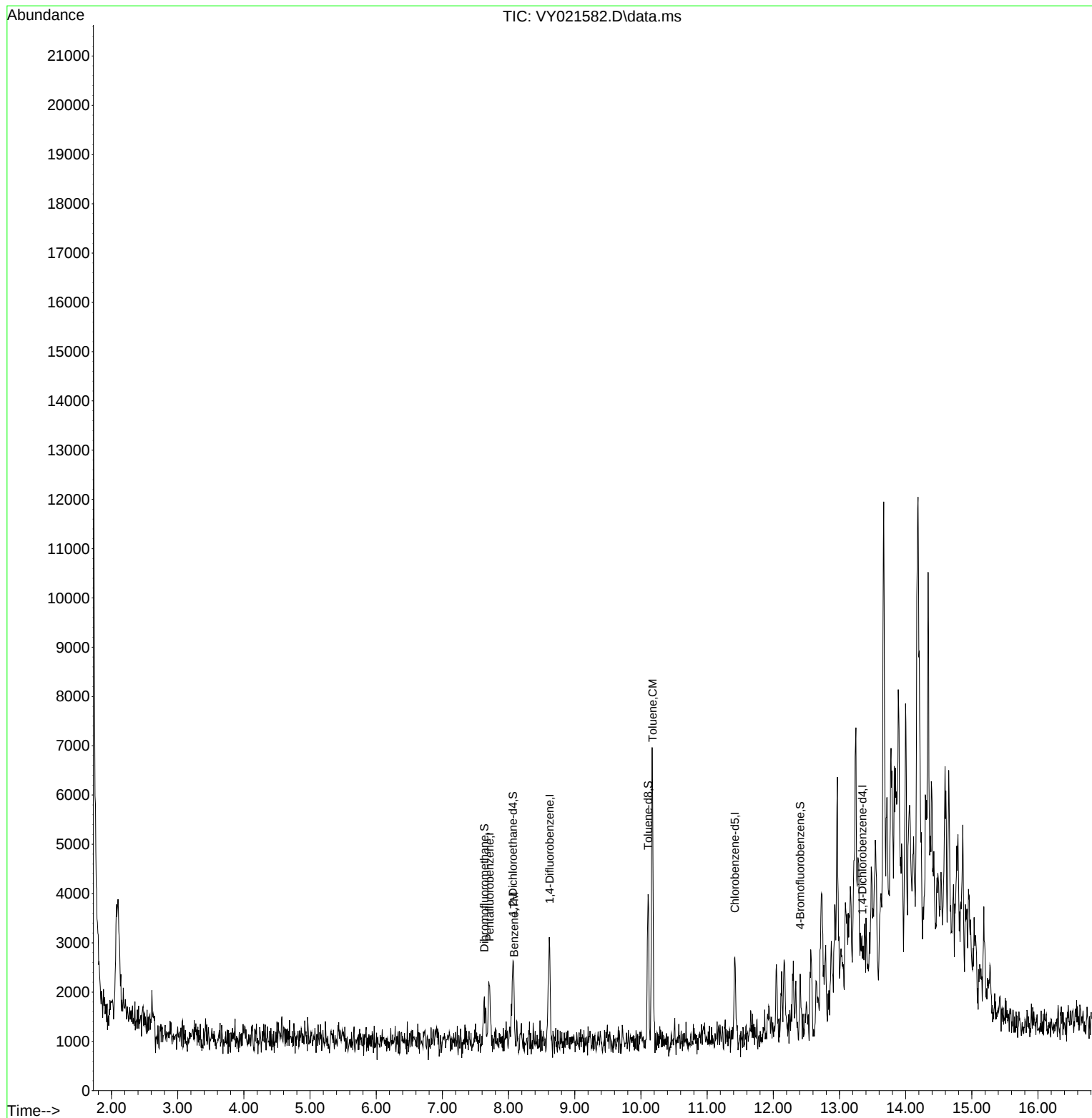
Internal Standards						
1) Pentafluorobenzene	7.713	168	1469	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.621	114	2056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1212	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	1172	75.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.960%	
35) Dibromofluoromethane	7.634	113	744	55.052	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.100%	
50) Toluene-d8	10.109	98	2207	43.131	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.260%	
62) 4-Bromofluorobenzene	12.407	95	287	16.489	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 32.980%	
Target Compounds						Qvalue
40) Benzene	8.085	78	552	8.858	ug/l	# 55
52) Toluene	10.176	92	2455	62.488	ug/l	99

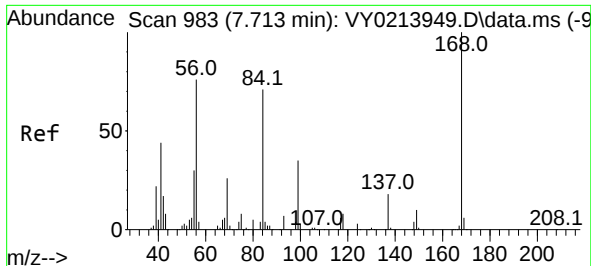
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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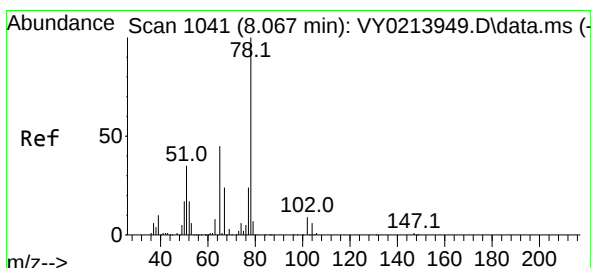
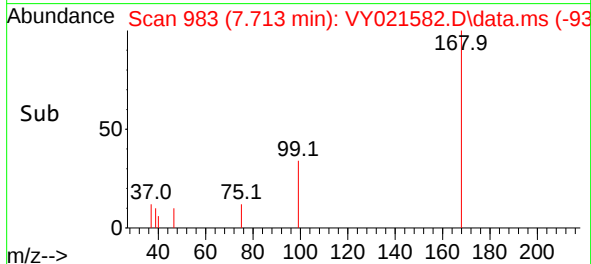
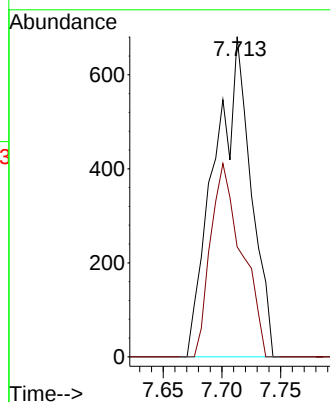
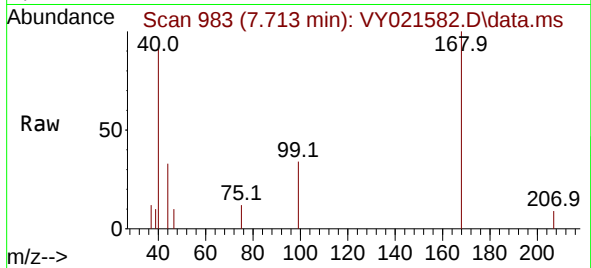




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021582.D
Acq: 20 Mar 2025 15:11

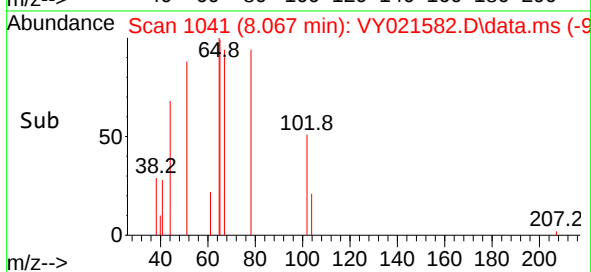
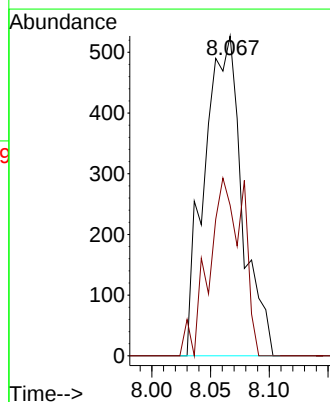
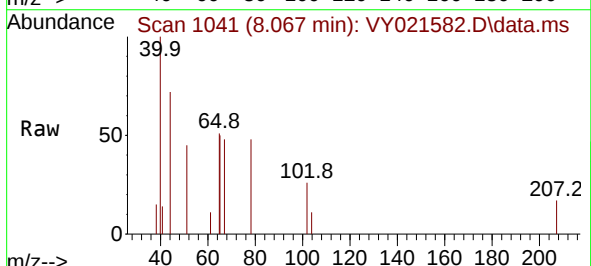
Instrument :
MSVOA_Y
ClientSampleId :
CHRT28607

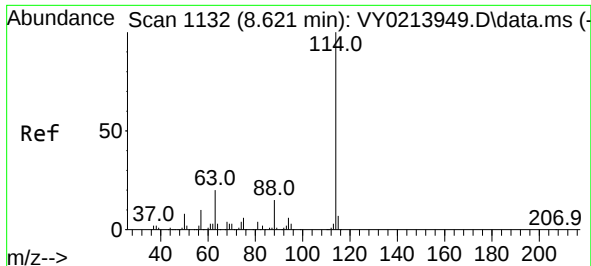
Tgt Ion:168 Resp: 1469
Ion Ratio Lower Upper
168 100
99 34.4 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 75.484 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021582.D
Acq: 20 Mar 2025 15:11

Tgt Ion: 65 Resp: 1172
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.8

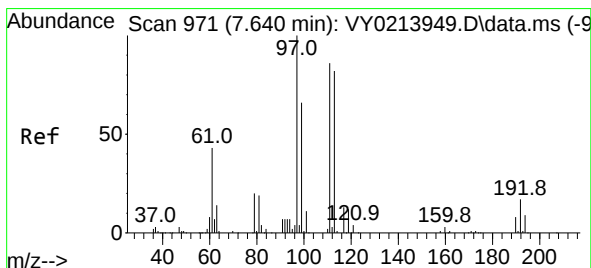
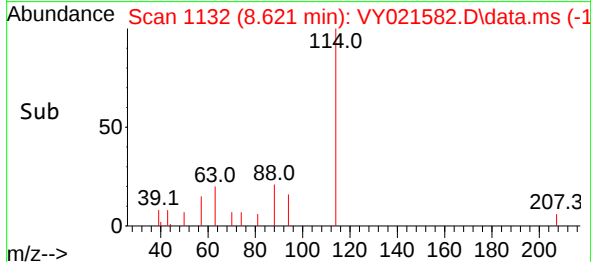
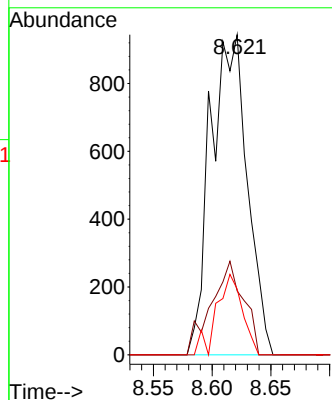
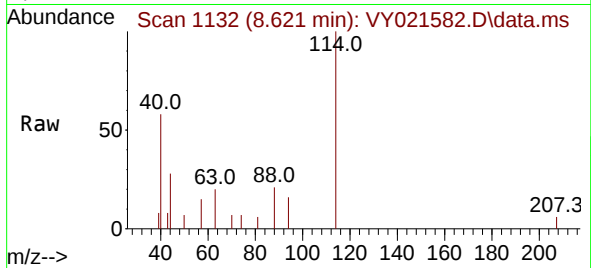




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.621 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021582.D
Acq: 20 Mar 2025 15:11

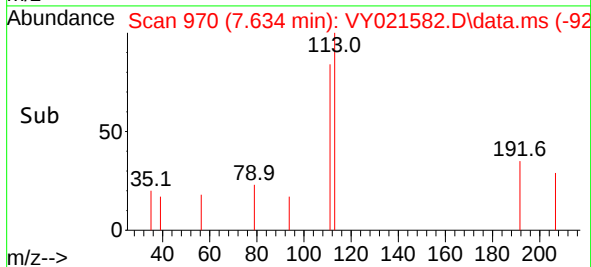
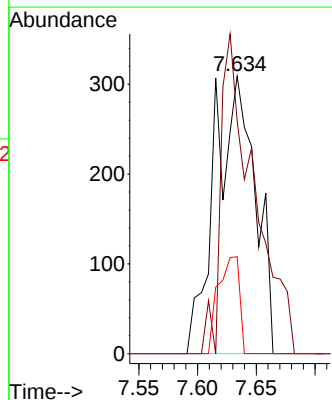
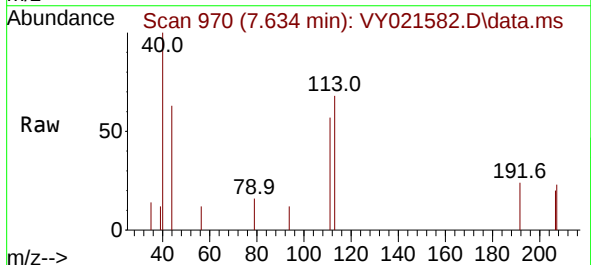
Instrument :
MSVOA_Y
ClientSampleId :
CHRT28607

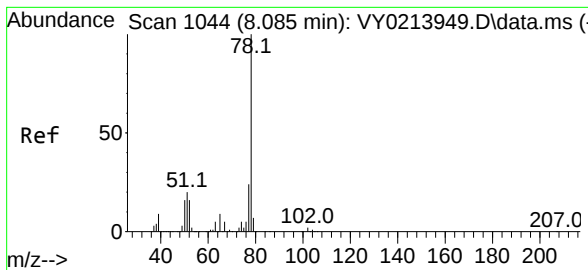
Tgt Ion:114	Resp:	2056
Ion	Ratio	Lower Upper
114	100	
63	19.9	0.0 40.8
88	20.6	0.0 30.8



#35
Dibromofluoromethane
Concen: 55.052 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021582.D
Acq: 20 Mar 2025 15:11

Tgt Ion:113	Resp:	744
Ion	Ratio	Lower Upper
113	100	
111	93.4	82.0 123.0
192	18.3	15.9 23.9





#40

Benzene

Concen: 8.858 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021582.D

Acq: 20 Mar 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

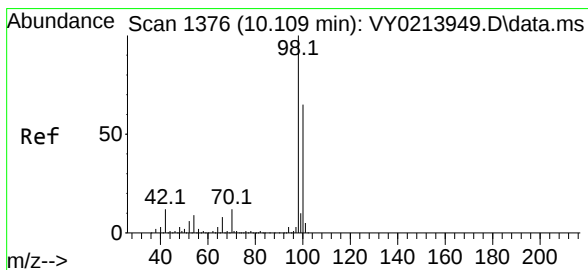
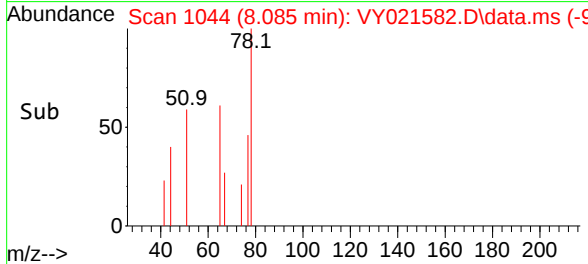
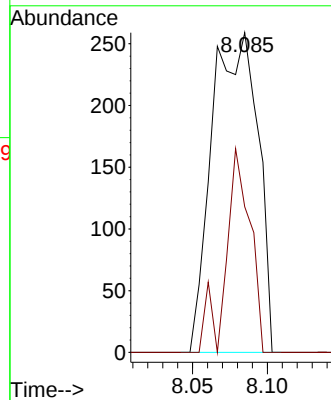
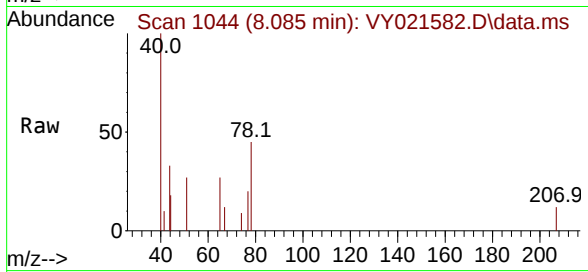
CHRT28607

Tgt Ion: 78 Resp: 552

Ion Ratio Lower Upper

78 100

77 45.6 19.0 28.4#



#50

Toluene-d8

Concen: 43.131 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021582.D

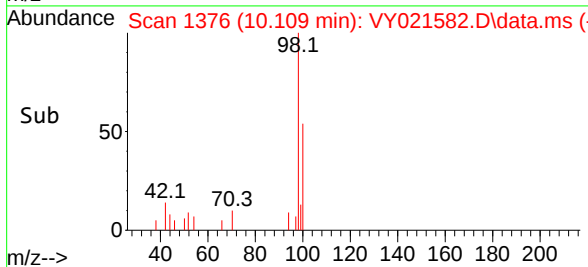
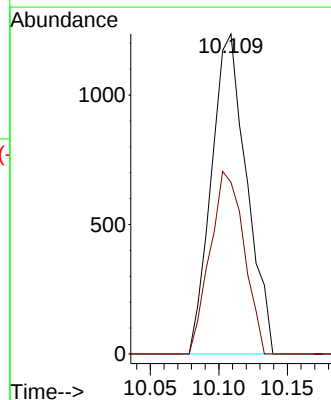
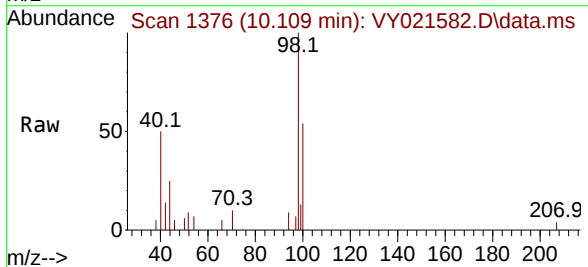
Acq: 20 Mar 2025 15:11

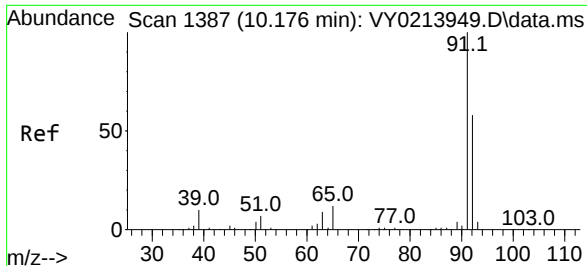
Tgt Ion: 98 Resp: 2207

Ion Ratio Lower Upper

98 100

100 55.0 52.1 78.1

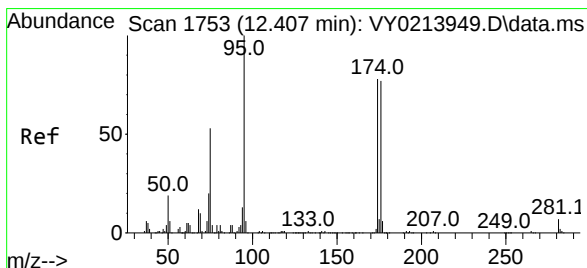
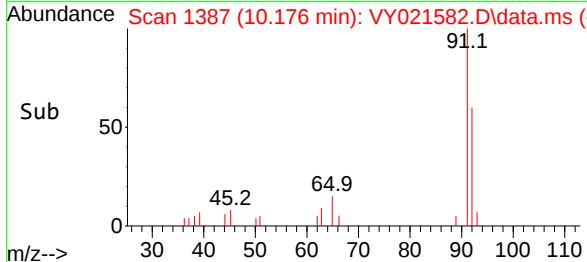
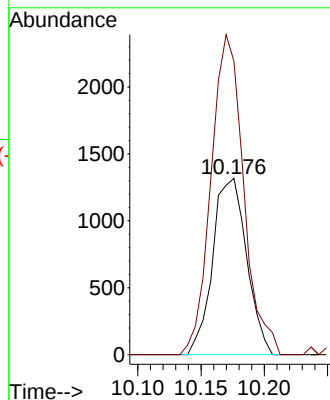
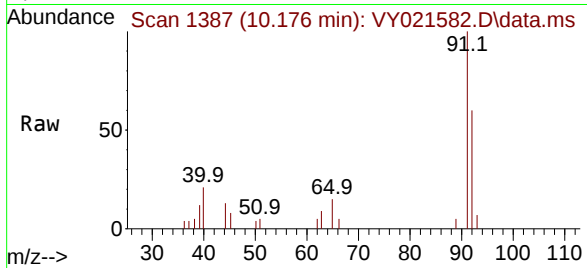




#52
Toluene
Concen: 62.488 ug/l
RT: 10.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021582.D
Acq: 20 Mar 2025 15:11

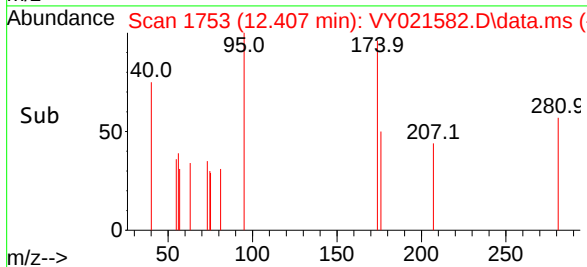
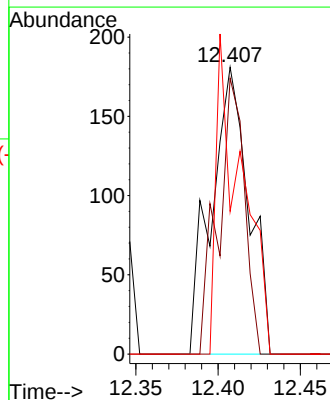
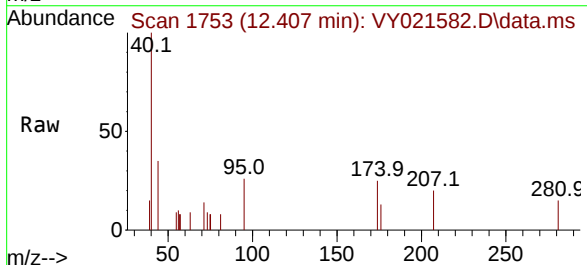
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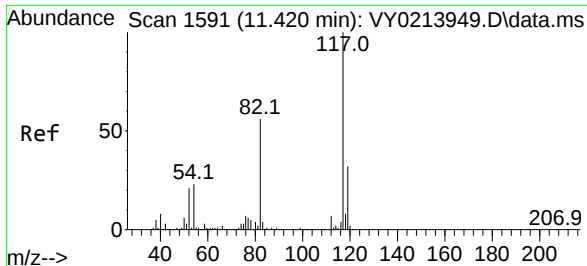
Tgt Ion: 92 Resp: 2455
Ion Ratio Lower Upper
92 100
91 174.2 138.2 207.2



#62
4-Bromofluorobenzene
Concen: 16.489 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021582.D
Acq: 20 Mar 2025 15:11

Tgt Ion: 95 Resp: 287
Ion Ratio Lower Upper
95 100
174 67.6 0.0 165.0
176 74.6 0.0 160.0

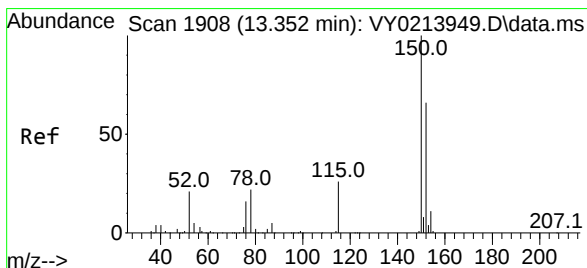
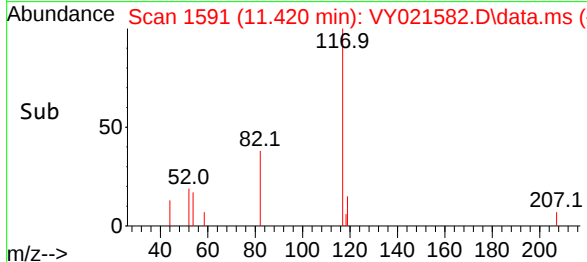
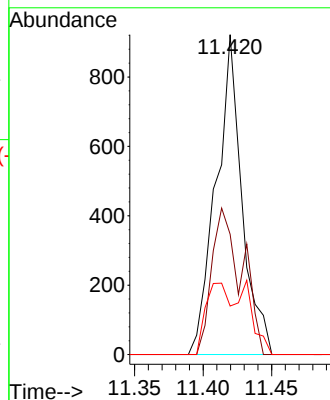
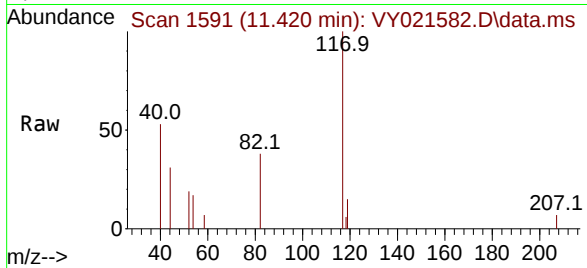




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021582.D
Acq: 20 Mar 2025 15:11

Instrument :
MSVOA_Y
ClientSampleId :
CHRT28607

Tgt Ion:117 Resp: 1212
Ion Ratio Lower Upper
117 100
82 37.6 44.6 67.0#
119 15.2 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021582.D
Acq: 20 Mar 2025 15:11

Tgt Ion:152 Resp: 165
Ion Ratio Lower Upper
152 100
115 0.0 29.0 87.0#
150 124.2 0.0 347.2

