

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021355.D
 Acq On : 27 Feb 2025 14:01
 Operator : SY/MD
 Sample : Q1415-03RE
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-163-SB02RE

Quant Time: Feb 28 00:41:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

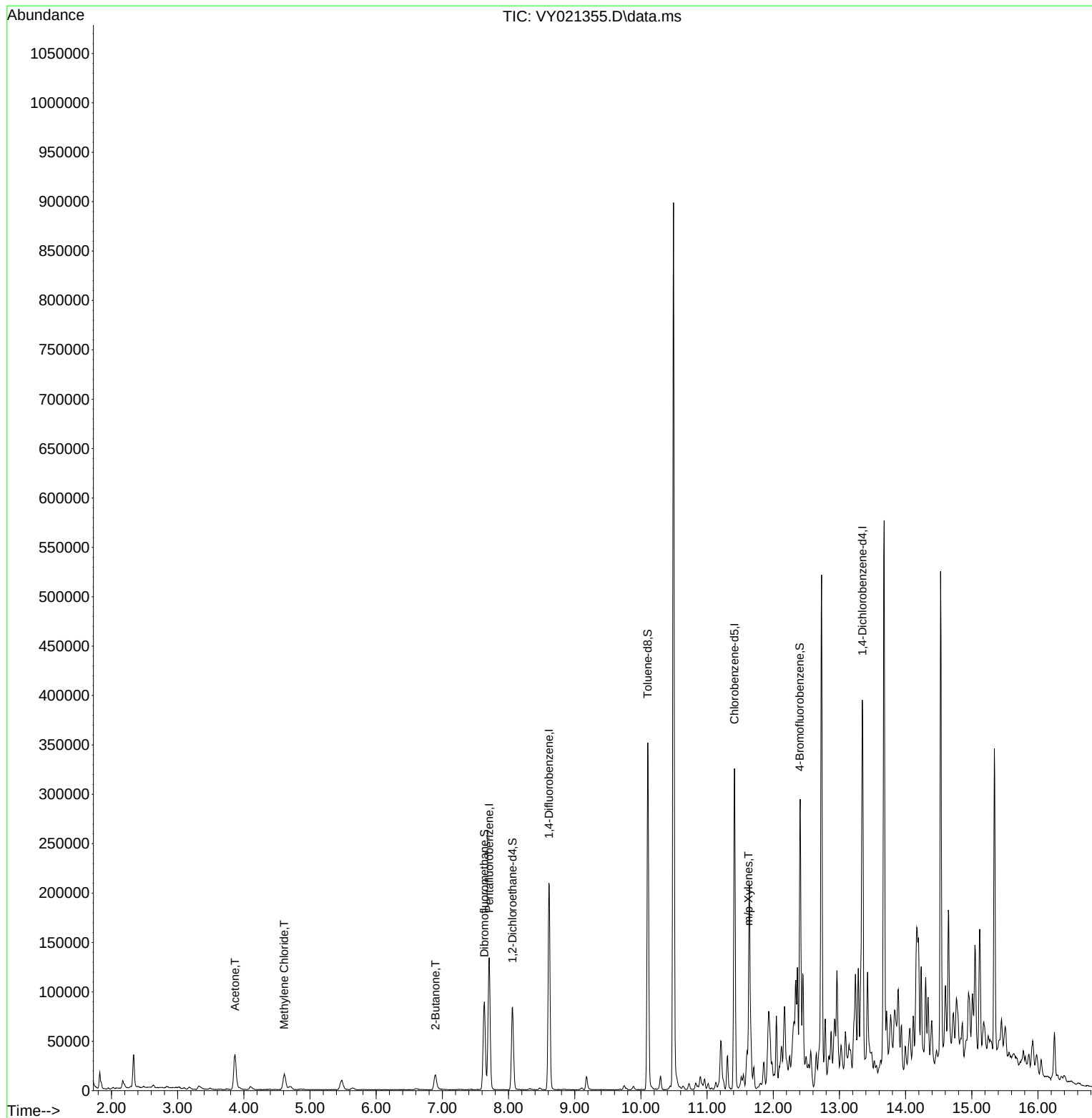
Internal Standards						
1) Pentafluorobenzene	7.707	168	98490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	174802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	165444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	72948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66104	59.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.340%			
35) Dibromofluoromethane	7.634	113	61849	53.969	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.940%			
50) Toluene-d8	10.103	98	212983	48.088	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.180%			
62) 4-Bromofluorobenzene	12.402	95	75524	50.668	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.340%			
Target Compounds						Qvalue
16) Acetone	3.867	43	62962	293.774	ug/l	98
20) Methylene Chloride	4.610	84	10764	9.288	ug/l	98
25) 2-Butanone	6.896	43	24297	75.116	ug/l	99
68) m/p-Xylenes	11.627	106	4332	1.751	ug/l	83

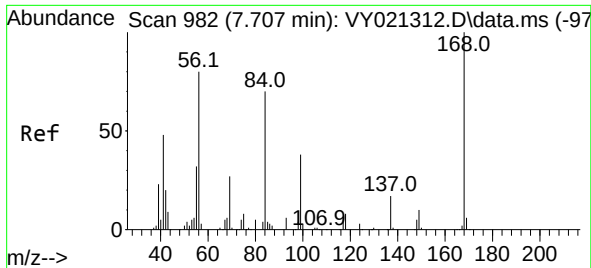
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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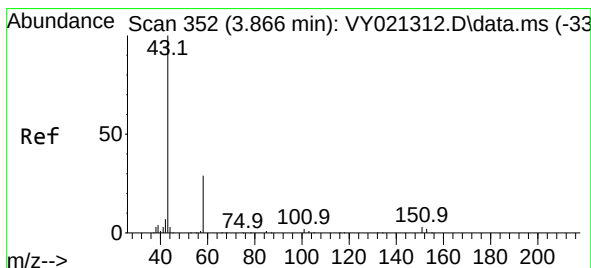
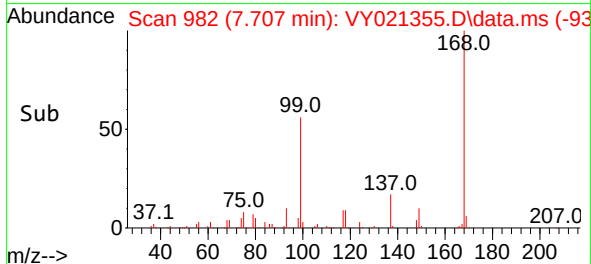
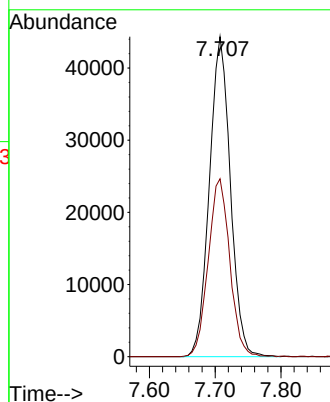
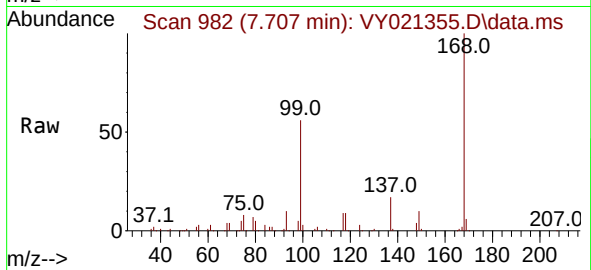




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

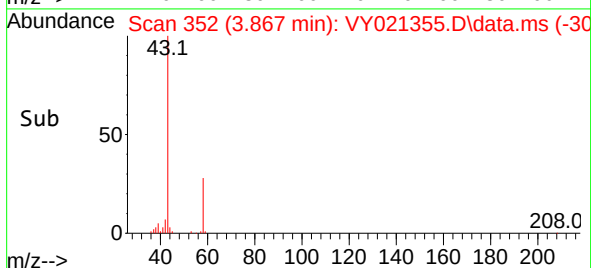
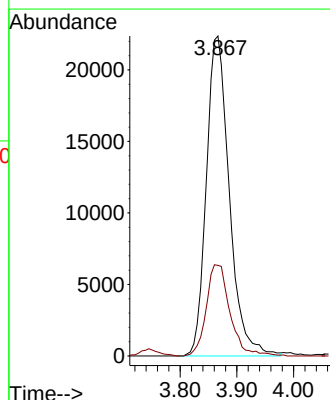
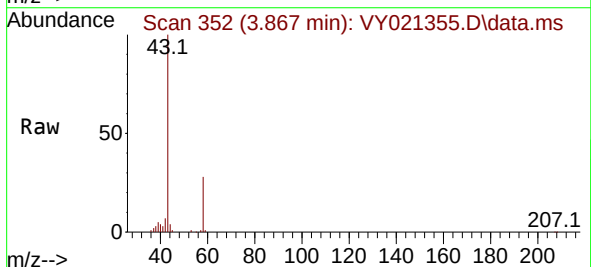
Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

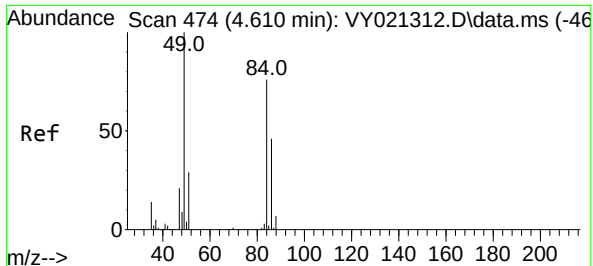
Tgt Ion:168 Resp: 98490
Ion Ratio Lower Upper
168 100
99 55.6 47.1 70.7



#16
Acetone
Concen: 293.774 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

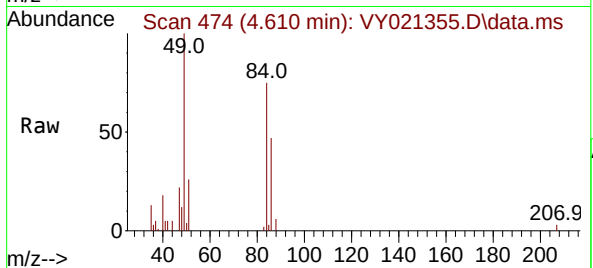
Tgt Ion: 43 Resp: 62962
Ion Ratio Lower Upper
43 100
58 28.3 23.5 35.3



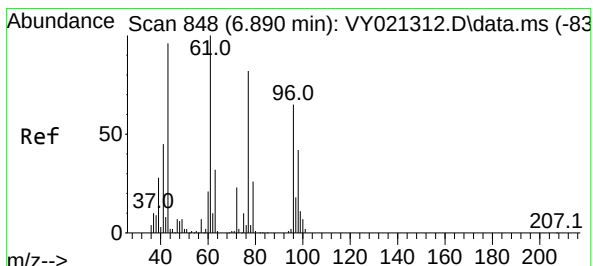
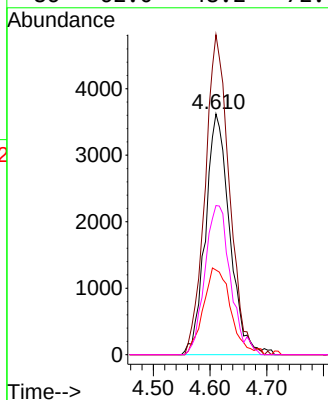
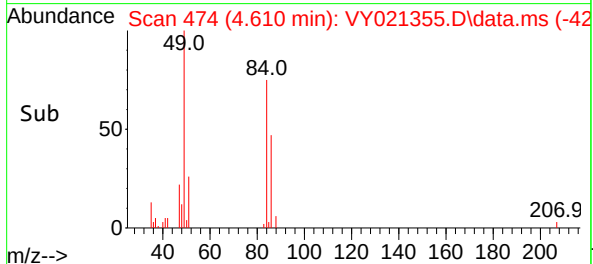


#20
Methylene Chloride
Concen: 9.288 ug/l
RT: 4.610 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Instrument :
MSVOA_Y
ClientSampleId :
B-163-SB02RE

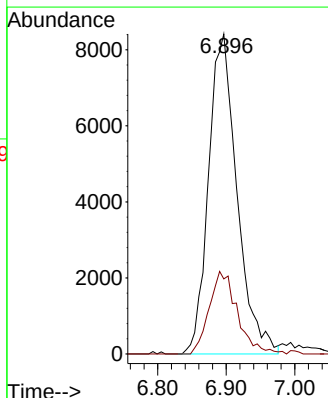
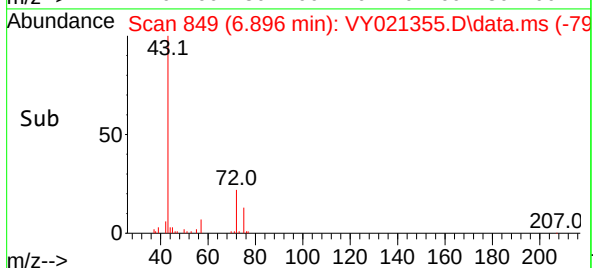
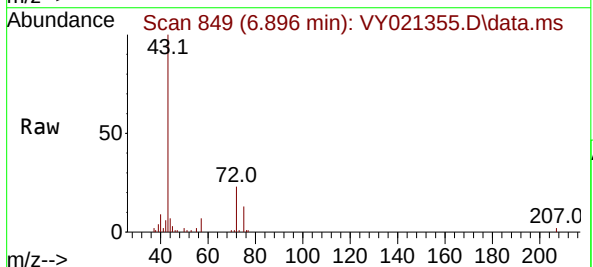


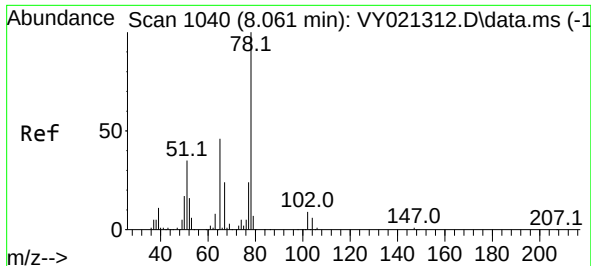
Tgt Ion: 84 Resp: 10764
Ion Ratio Lower Upper
84 100
49 132.9 105.1 157.7
51 35.2 31.0 46.4
86 62.0 48.2 72.4



#25
2-Butanone
Concen: 75.116 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion: 43 Resp: 24297
Ion Ratio Lower Upper
43 100
72 23.5 19.0 28.6





#33

1,2-Dichloroethane-d4

Concen: 59.165 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY021355.D

Acq: 27 Feb 2025 14:01

Instrument :

MSVOA_Y

ClientSampleId :

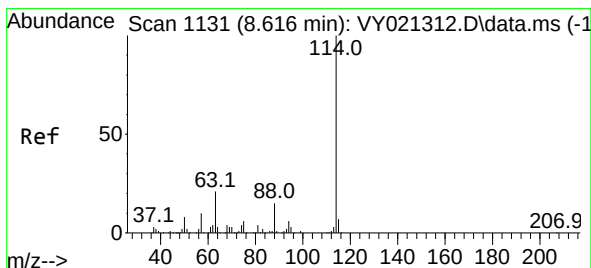
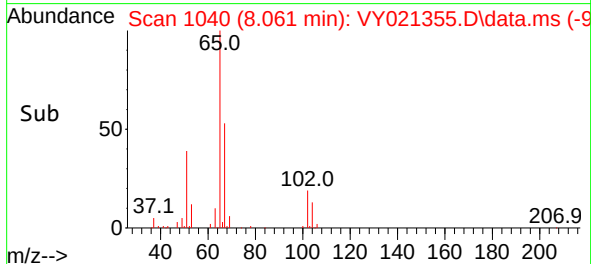
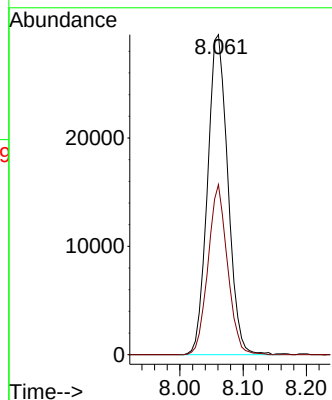
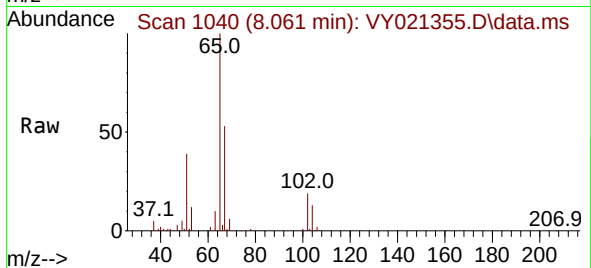
B-163-SB02RE

Tgt Ion: 65 Resp: 66104

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY021355.D

Acq: 27 Feb 2025 14:01

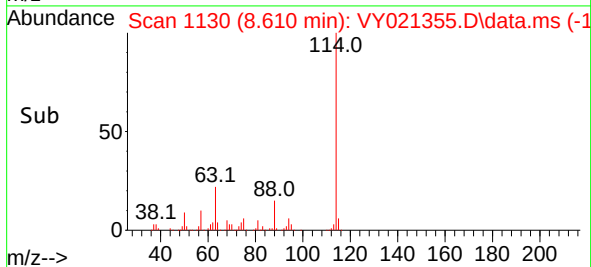
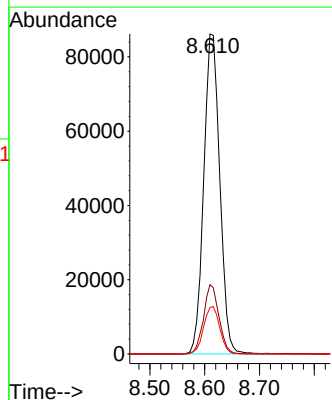
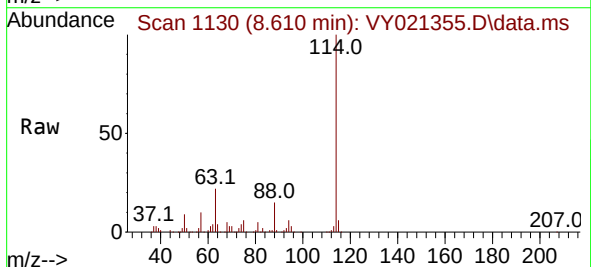
Tgt Ion: 114 Resp: 174802

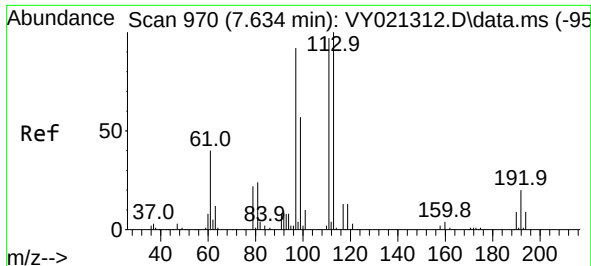
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.2

88 14.5 0.0 29.8

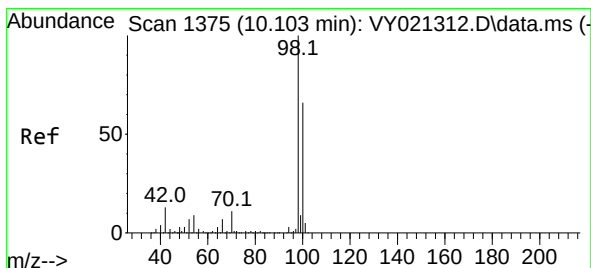
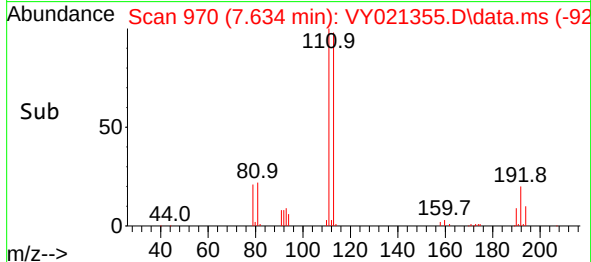
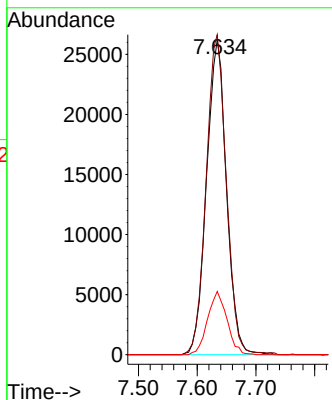
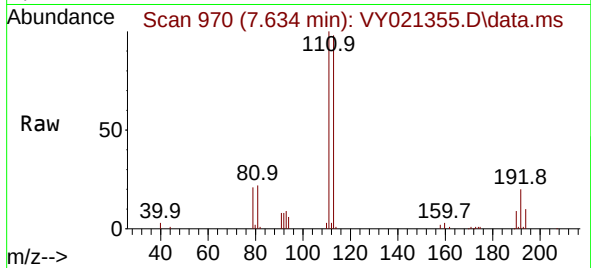




#35
 Dibromofluoromethane
 Concen: 53.969 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021355.D
 Acq: 27 Feb 2025 14:01

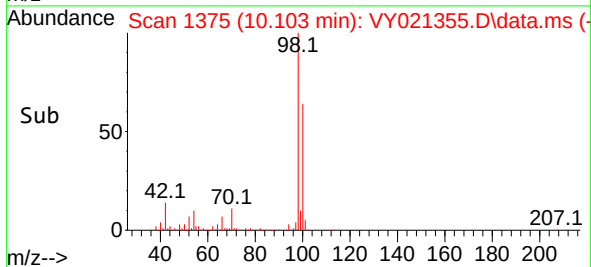
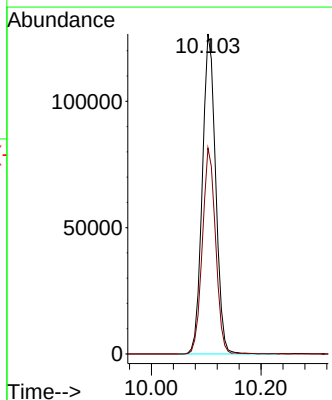
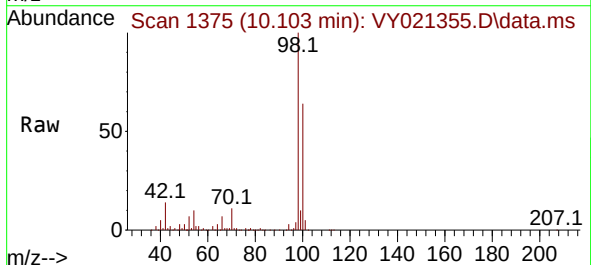
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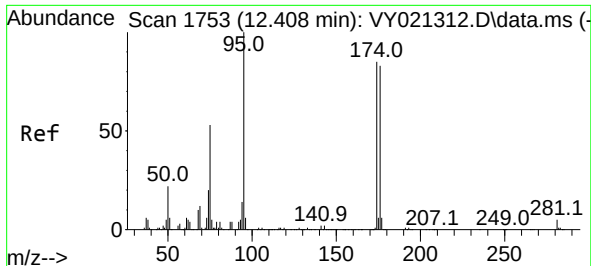
Tgt Ion:	113	Resp:	61849
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.6
192	19.5	15.8	23.8



#50
 Toluene-d8
 Concen: 48.088 ug/l
 RT: 10.103 min Scan# 1375
 Delta R.T. 0.000 min
 Lab File: VY021355.D
 Acq: 27 Feb 2025 14:01

Tgt Ion:	98	Resp:	212983
Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.4	78.6

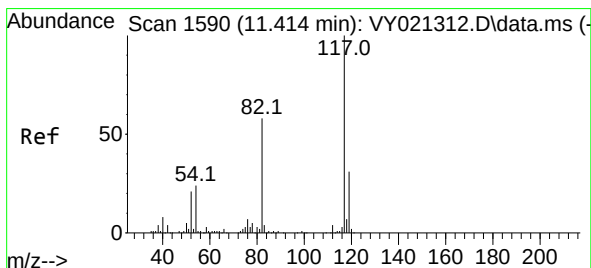
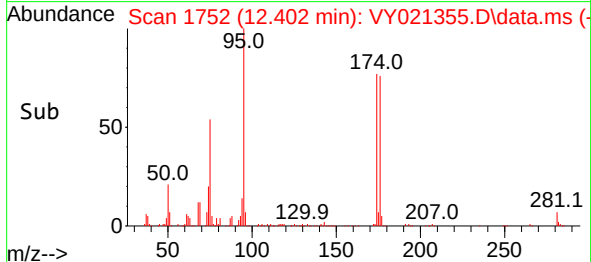
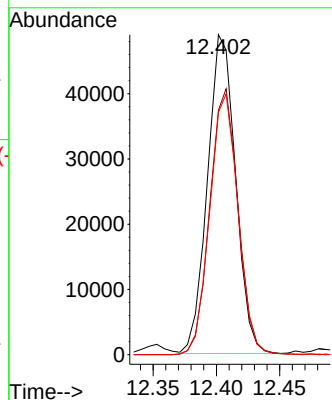
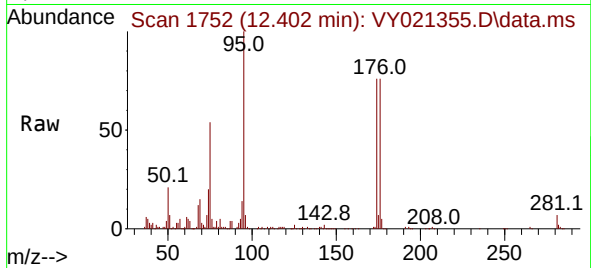




#62
4-Bromofluorobenzene
Concen: 50.668 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

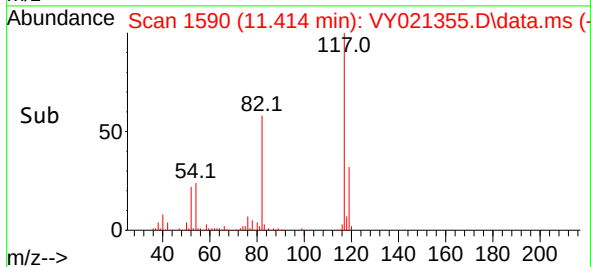
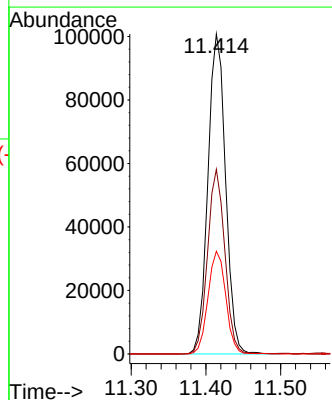
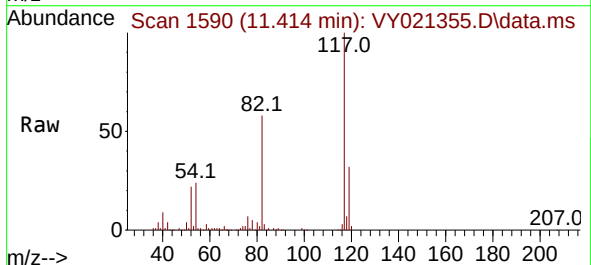
Instrument :
MSVOA_Y
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B-163-SB02RE

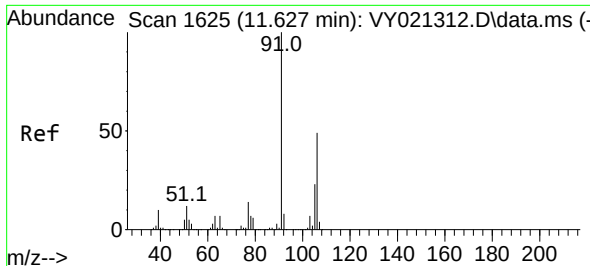
Tgt Ion: 95 Resp: 75524
Ion Ratio Lower Upper
95 100
174 83.8 0.0 168.0
176 82.3 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion: 117 Resp: 165444
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.1 24.9 37.3

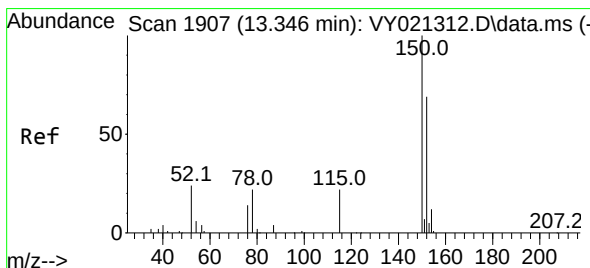
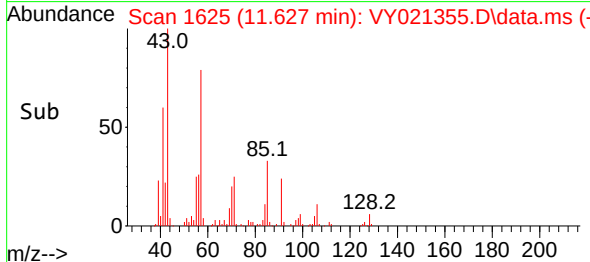
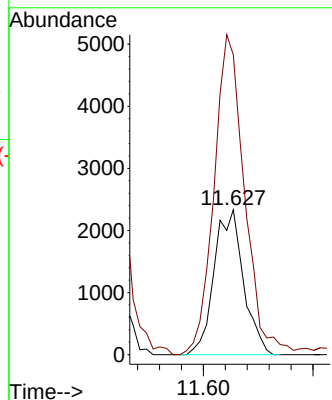
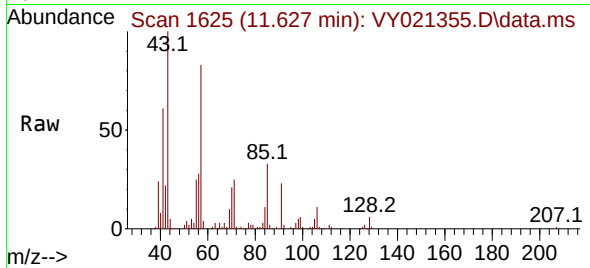




#68
m/p-Xylenes
Concen: 1.751 ug/l
RT: 11.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Instrument :
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Tgt Ion:106 Resp: 4332
Ion Ratio Lower Upper
106 100
91 230.7 163.9 245.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021355.D
Acq: 27 Feb 2025 14:01

Tgt Ion:152 Resp: 72948
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 156.9 0.0 347.4

