

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016291.D
 Acq On : 09 Nov 2023 18:54
 Operator : SY/MD
 Sample : 05312-03
 Misc : 4.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-2(200FT)(5-10)

Quant Time: Nov 09 23:03:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

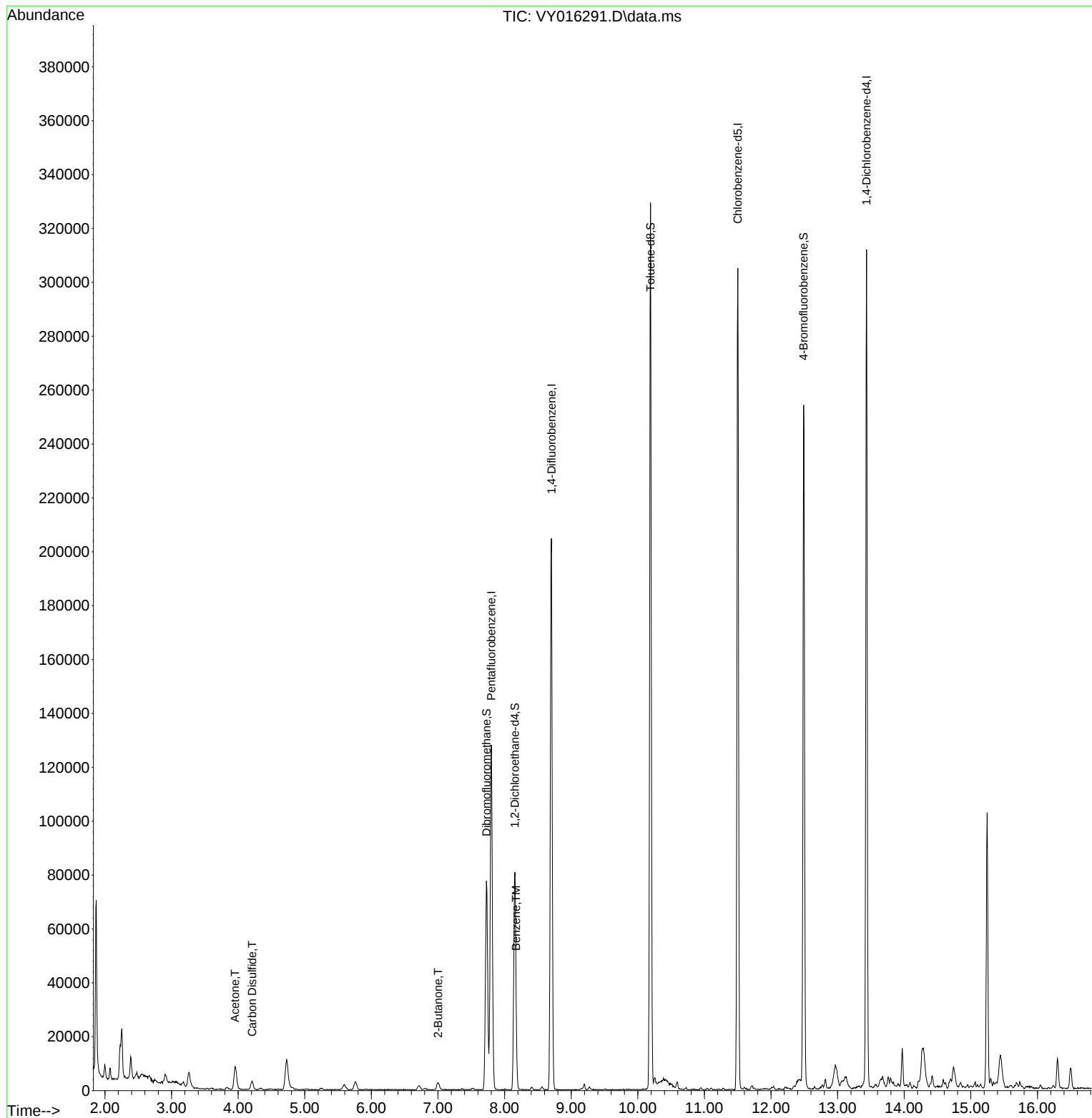
Internal Standards						
1) Pentafluorobenzene	7.801	168	100282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	178390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	172443	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	62722	68.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.860%	
35) Dibromofluoromethane	7.728	113	55729	54.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.980%	
50) Toluene-d8	10.191	98	211860	51.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	12.489	95	75396	56.490	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.980%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	15899	104.870	ug/l	92
17) Carbon Disulfide	4.210	76	6601	2.159	ug/l	96
25) 2-Butanone	7.002	43	4914	18.505	ug/l #	85
40) Benzene	8.173	78	5567	1.126	ug/l #	89

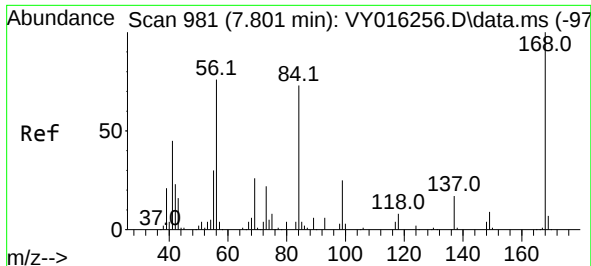
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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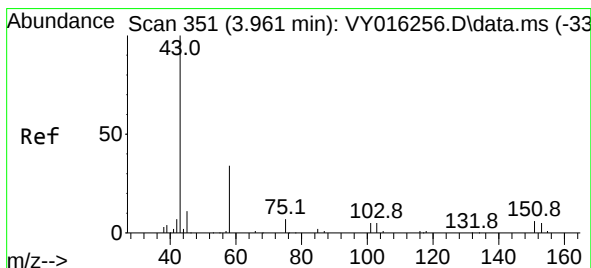
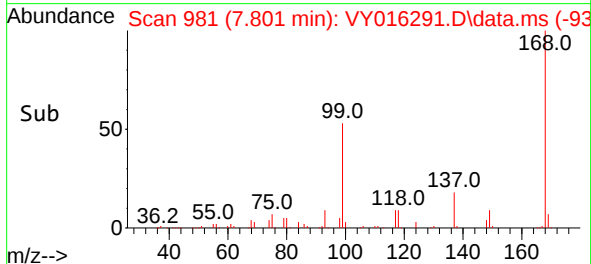
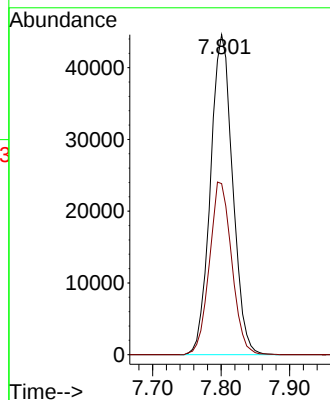
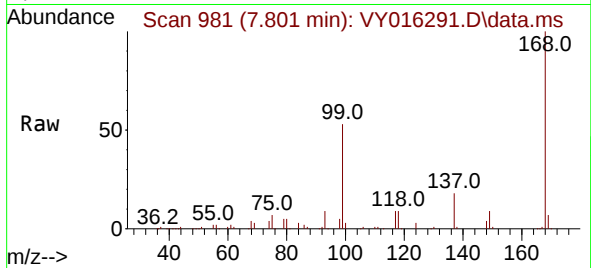




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016291.D
Acq: 09 Nov 2023 18:54

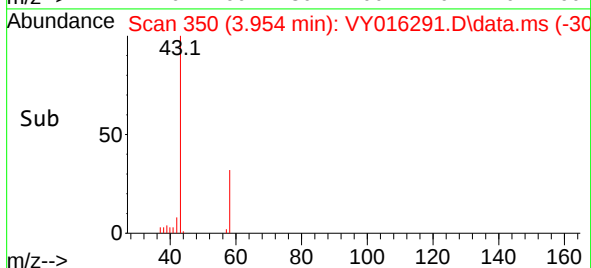
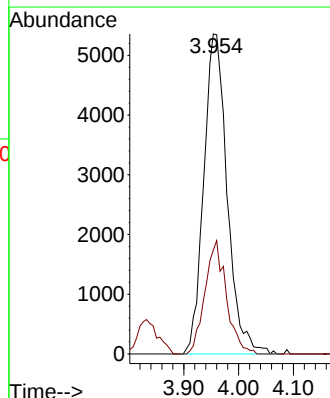
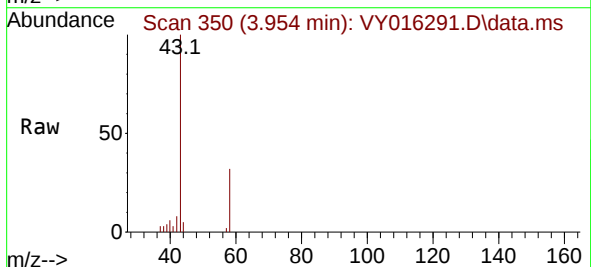
Instrument :
MSVOA_Y
ClientSampleId :
P-2(200FT)(5-10)

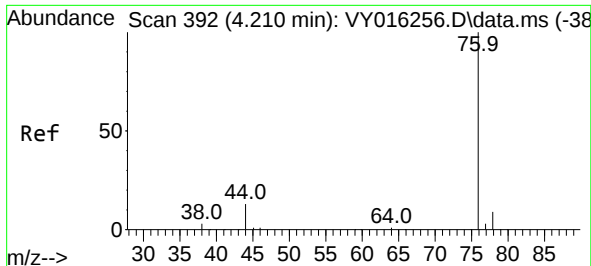
Tgt Ion:168 Resp: 100282
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#16
Acetone
Concen: 104.870 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.007 min
Lab File: VY016291.D
Acq: 09 Nov 2023 18:54

Tgt Ion: 43 Resp: 15899
Ion Ratio Lower Upper
43 100
58 32.4 22.7 34.1

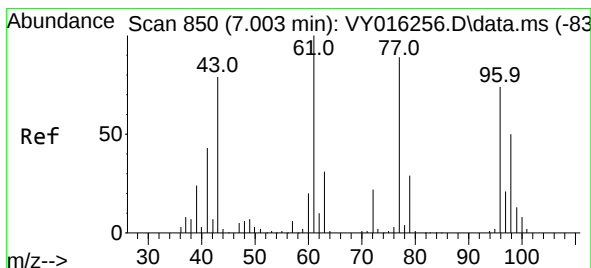
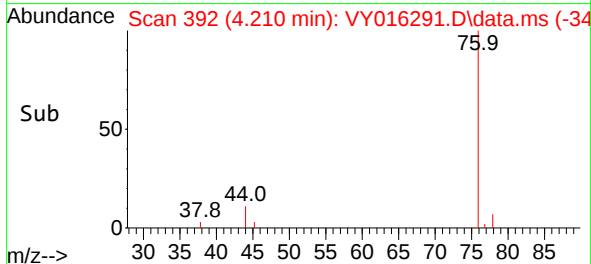
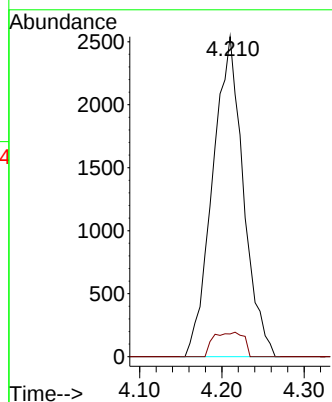
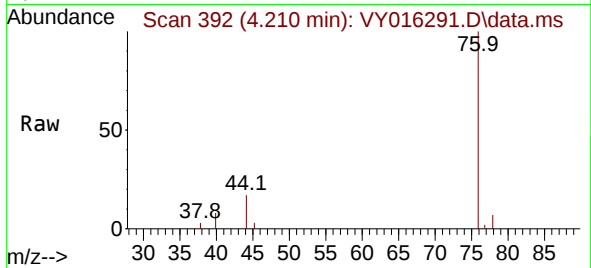




#17
Carbon Disulfide
Concen: 2.159 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.001 min
Lab File: VY016291.D
Acq: 09 Nov 2023 18:54

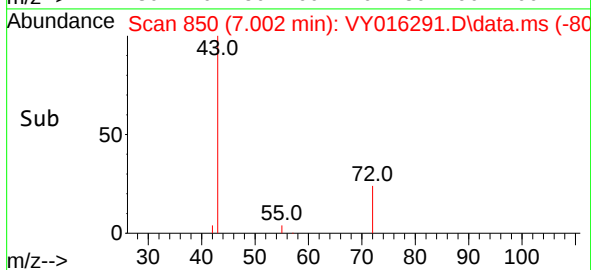
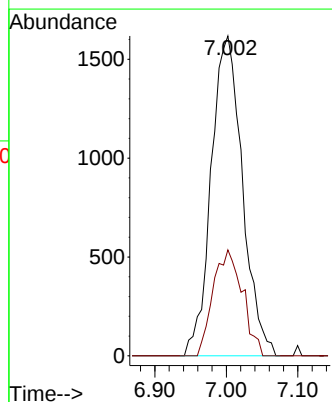
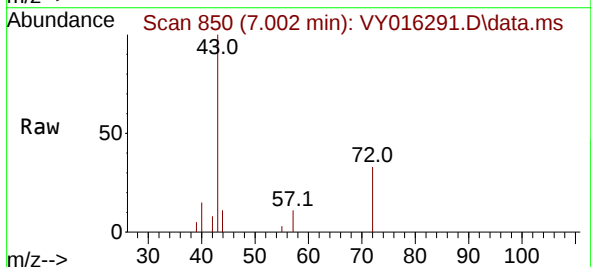
Instrument :
MSVOA_Y
ClientSampleId :
P-2(200FT)(5-10)

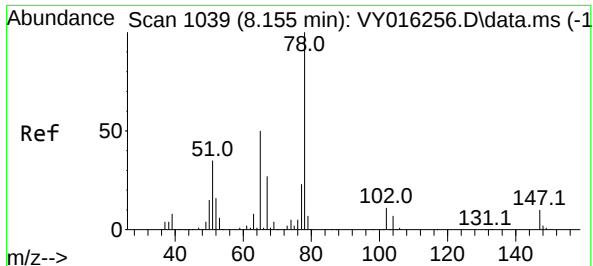
Tgt Ion: 76 Resp: 6601
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.4



#25
2-Butanone
Concen: 18.505 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.001 min
Lab File: VY016291.D
Acq: 09 Nov 2023 18:54

Tgt Ion: 43 Resp: 4914
Ion Ratio Lower Upper
43 100
72 33.1 20.5 30.7#





#33

1,2-Dichloroethane-d4

Concen: 68.434 ug/l

RT: 8.154 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY016291.D

Acq: 09 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

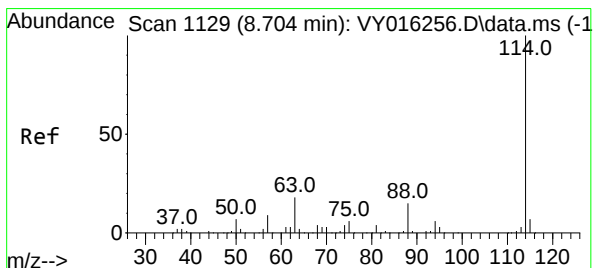
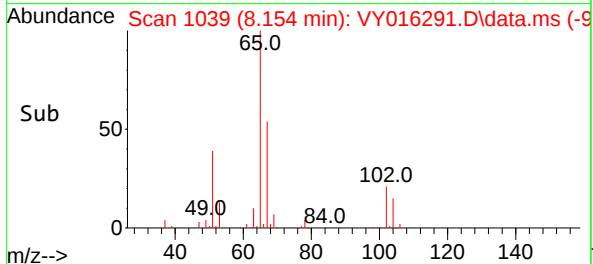
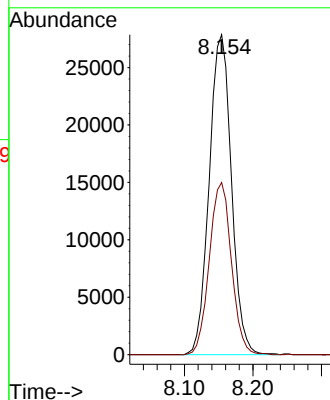
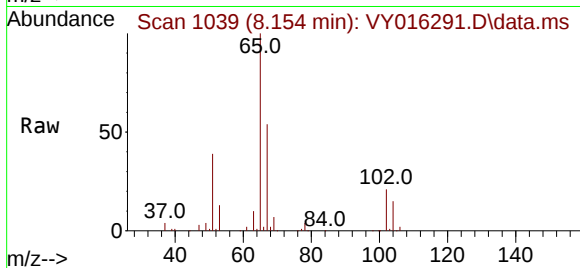
P-2(200FT)(5-10)

Tgt Ion: 65 Resp: 62722

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.001 min

Lab File: VY016291.D

Acq: 09 Nov 2023 18:54

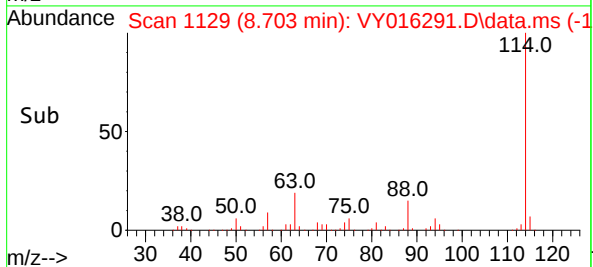
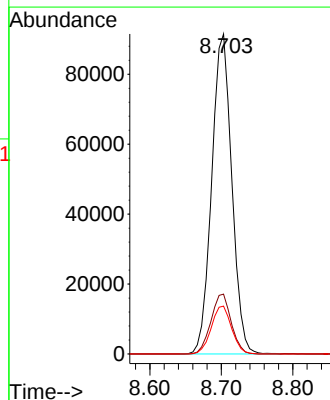
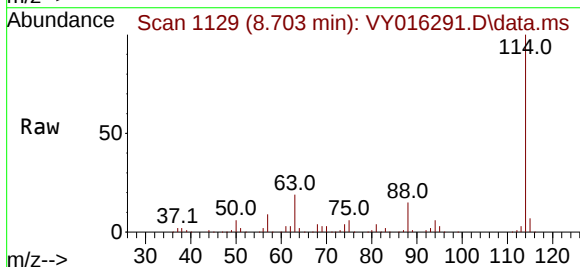
Tgt Ion: 114 Resp: 178390

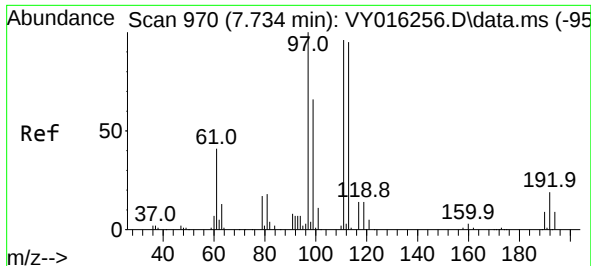
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 15.0 0.0 30.6

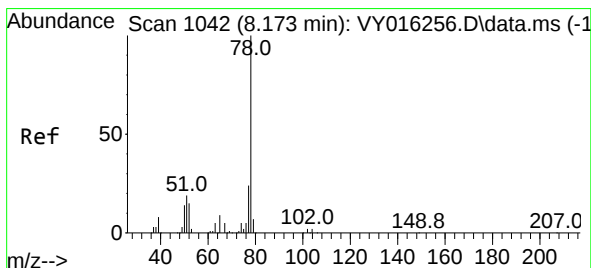
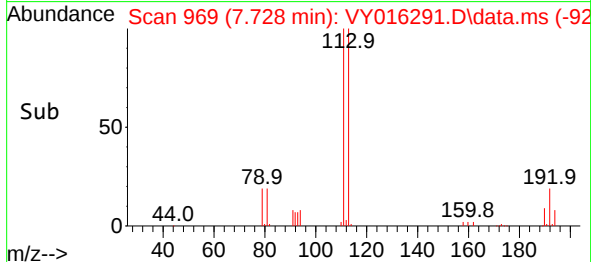
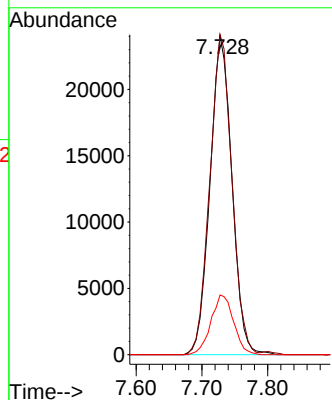
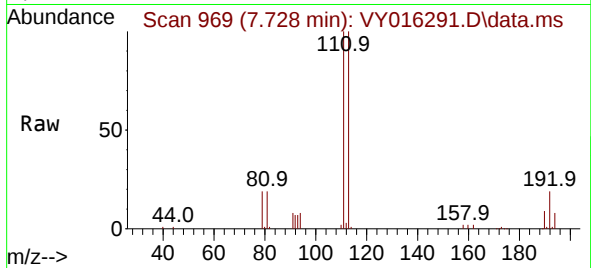




#35
Dibromofluoromethane
Concen: 54.994 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.007 min
Lab File: VY016291.D
Acq: 09 Nov 2023 18:54

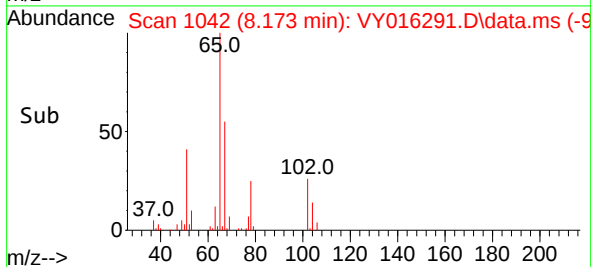
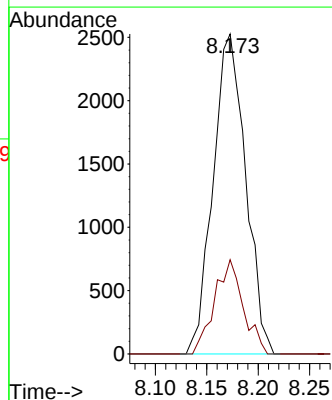
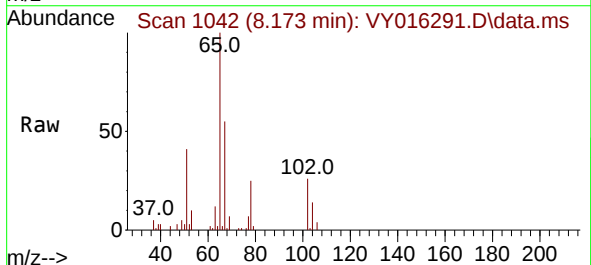
Instrument :
MSVOA_Y
ClientSampleId :
P-2(200FT)(5-10)

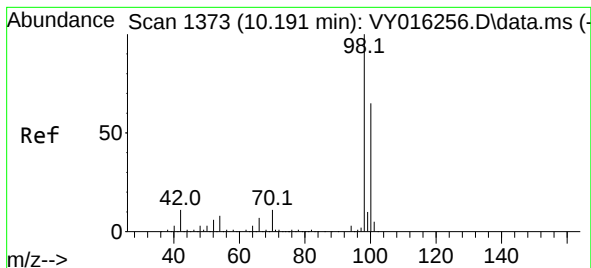
Tgt Ion:113 Resp: 55729
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.4 16.9 25.3



#40
Benzene
Concen: 1.126 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.001 min
Lab File: VY016291.D
Acq: 09 Nov 2023 18:54

Tgt Ion: 78 Resp: 5567
Ion Ratio Lower Upper
78 100
77 29.4 19.0 28.6#

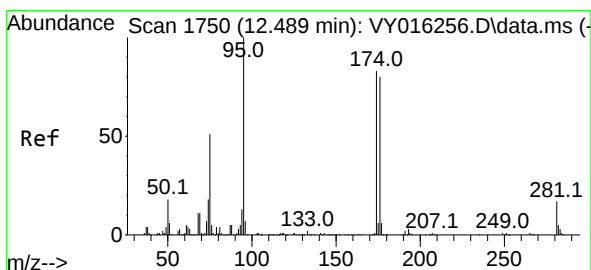
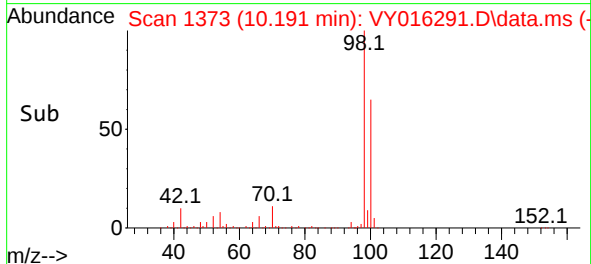
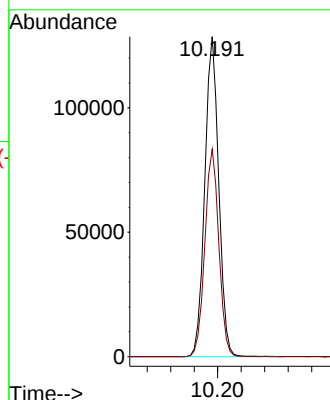
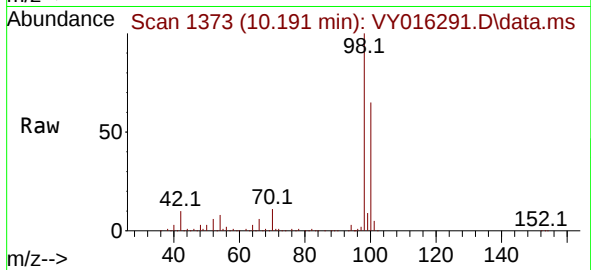




#50
Toluene-d8
Concen: 51.555 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.001 min
Lab File: VY016291.D
Acq: 09 Nov 2023 18:54

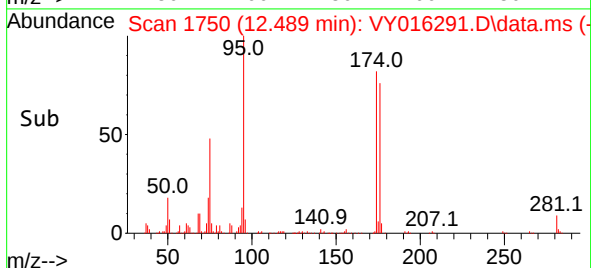
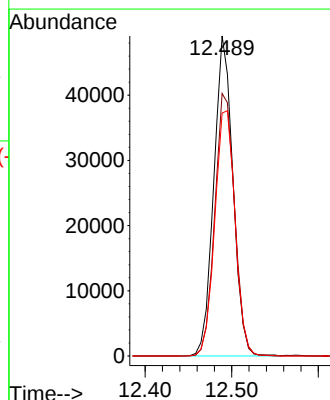
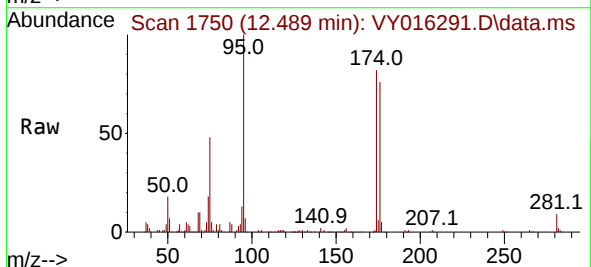
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P-2(200FT)(5-10)

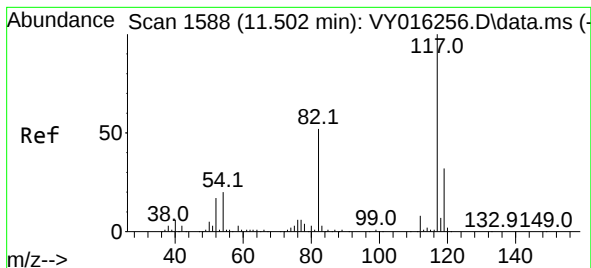
Tgt Ion: 98 Resp: 211860
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.490 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.001 min
Lab File: VY016291.D
Acq: 09 Nov 2023 18:54

Tgt Ion: 95 Resp: 75396
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY016291.D

Acq: 09 Nov 2023 18:54

Instrument :

MSVOA_Y

ClientSampleId :

P-2(200FT)(5-10)

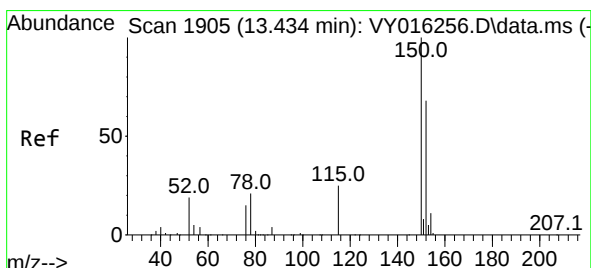
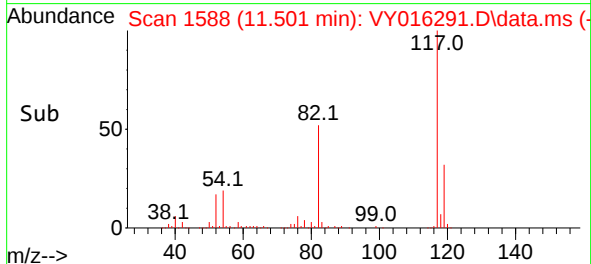
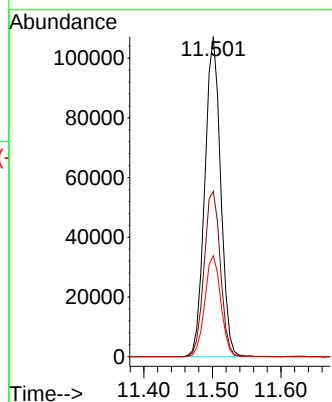
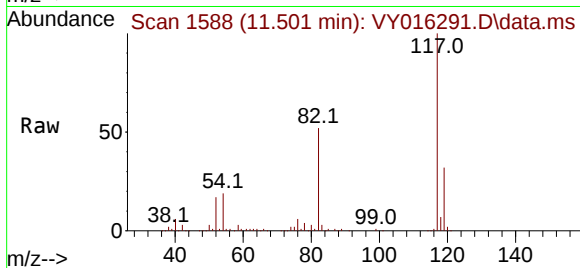
Tgt Ion:117 Resp: 172443

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 31.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.001 min

Lab File: VY016291.D

Acq: 09 Nov 2023 18:54

Tgt Ion:152 Resp: 78705

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 158.9 0.0 348.8

