

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016794.D
 Acq On : 22 Dec 2023 06:55
 Operator : SY/MD
 Sample : 05876-22
 Misc : 3.75g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY7

Quant Time: Dec 22 08:00:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

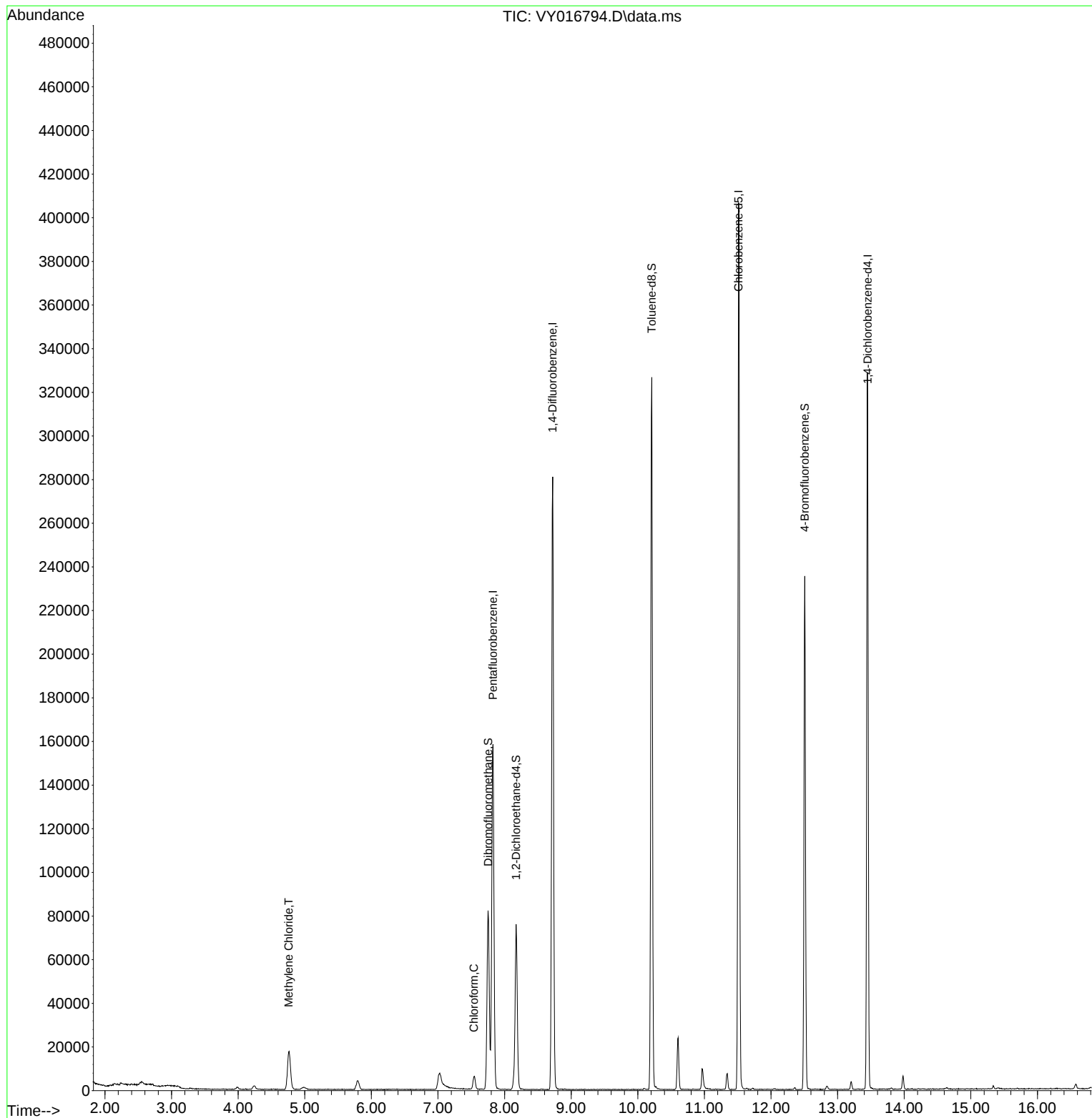
Internal Standards						
1) Pentafluorobenzene	7.825	168	121809	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	243793	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	222806	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.452	152	80415	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	55880	50.252	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.500%	
35) Dibromofluoromethane	7.752	113	60120	43.050	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.100%	
50) Toluene-d8	10.209	98	215490	42.805	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.600%	
62) 4-Bromofluorobenzene	12.508	95	67425	41.282	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.560%	
Target Compounds						Qvalue
20) Methylene Chloride	4.759	84	14014	6.387	ug/l	96
30) Chloroform	7.539	83	6145	2.508	ug/l	95

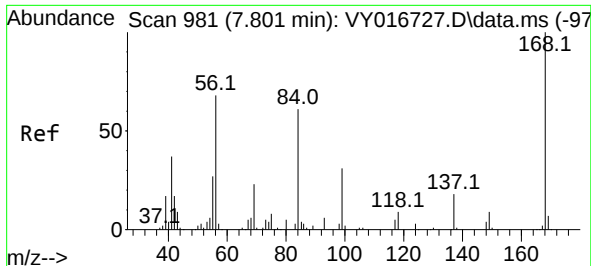
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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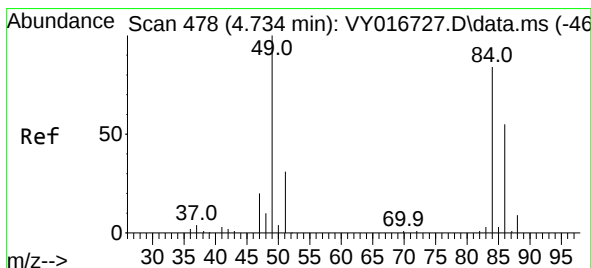
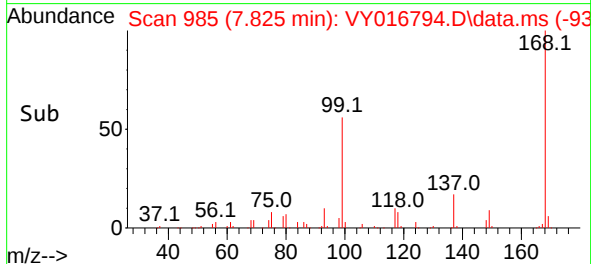
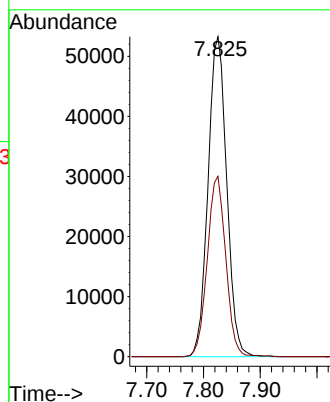
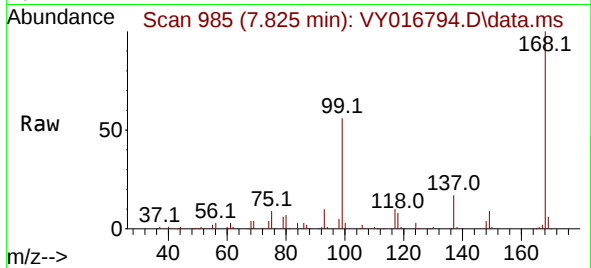




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 981
Delta R.T. 0.024 min
Lab File: VY016794.D
Acq: 22 Dec 2023 06:55

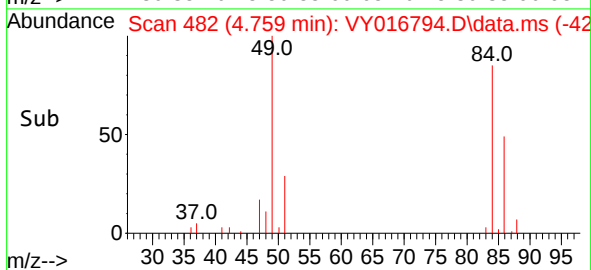
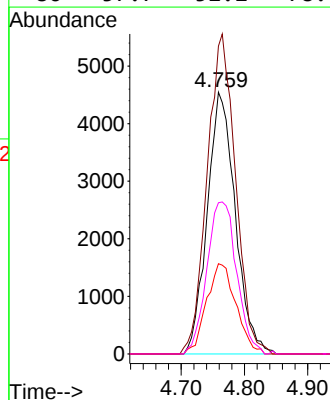
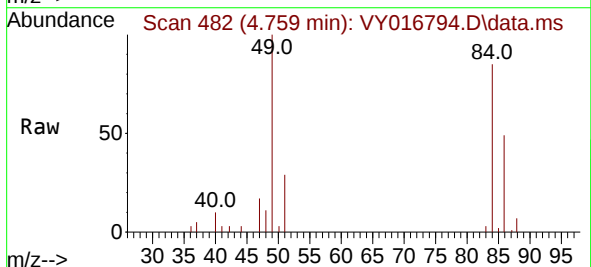
Instrument :
MSVOA_Y
ClientSampleId :
COLY7

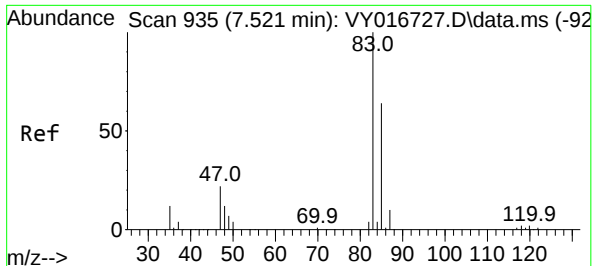
Tgt Ion:168 Resp: 121809
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#20
Methylene Chloride
Concen: 6.387 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016794.D
Acq: 22 Dec 2023 06:55

Tgt Ion: 84 Resp: 14014
Ion Ratio Lower Upper
84 100
49 117.6 95.2 142.8
51 34.5 29.9 44.9
86 57.7 52.2 78.4





#30

Chloroform

Concen: 2.508 ug/l

RT: 7.539 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY016794.D

Acq: 22 Dec 2023 06:55

Instrument :

MSVOA_Y

ClientSampleId :

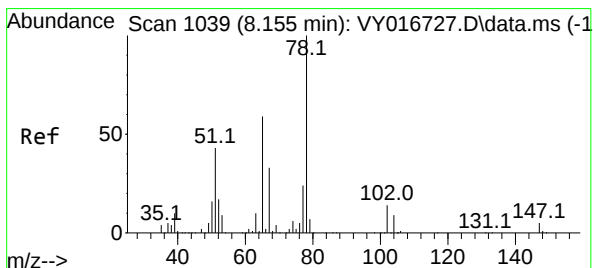
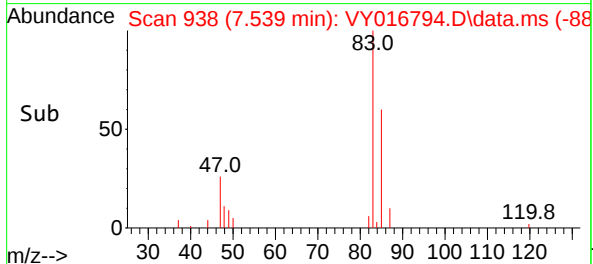
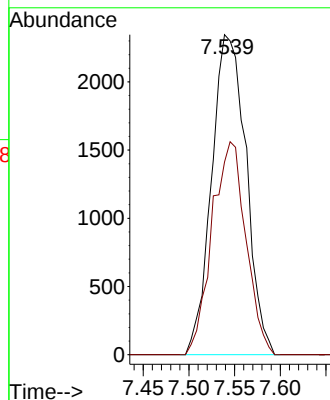
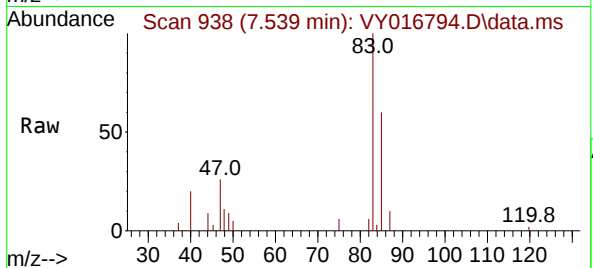
C0LY7

Tgt Ion: 83 Resp: 6145

Ion Ratio Lower Upper

83 100

85 60.2 51.2 76.8



#33

1,2-Dichloroethane-d4

Concen: 50.252 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.018 min

Lab File: VY016794.D

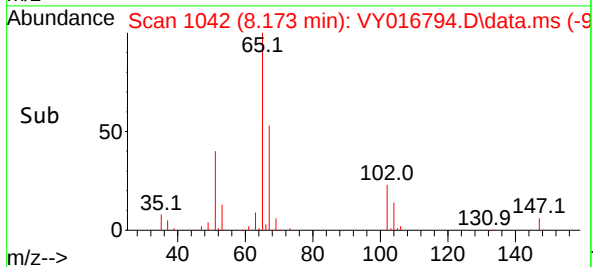
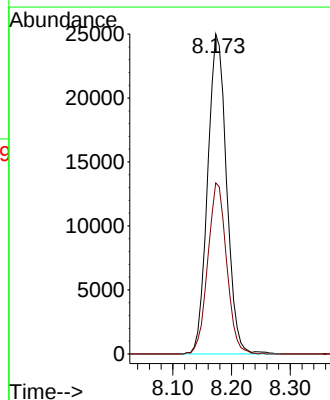
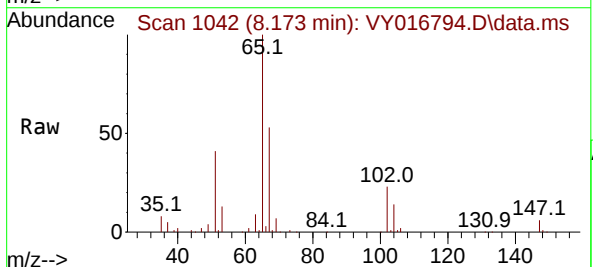
Acq: 22 Dec 2023 06:55

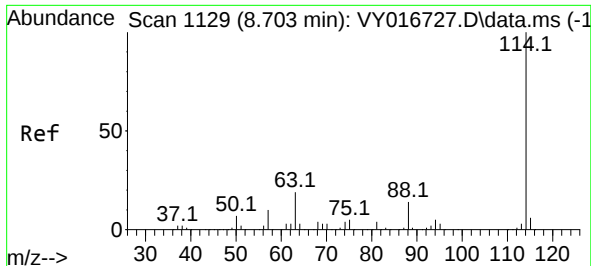
Tgt Ion: 65 Resp: 55880

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VY016794.D

Acq: 22 Dec 2023 06:55

Instrument :

MSVOA_Y

ClientSampleId :

C0LY7

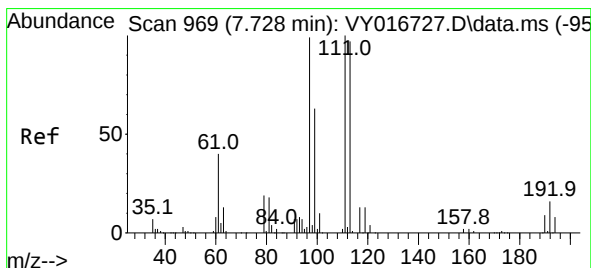
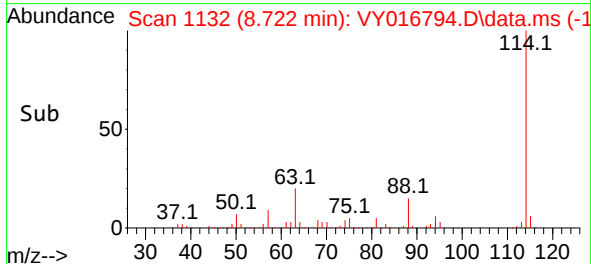
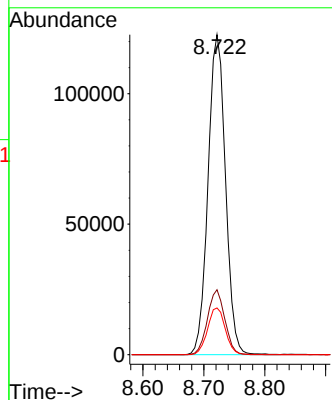
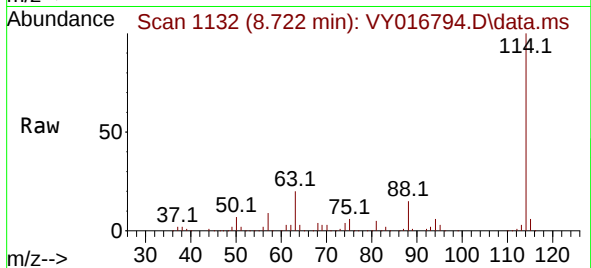
Tgt Ion:114 Resp: 243793

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.050 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY016794.D

Acq: 22 Dec 2023 06:55

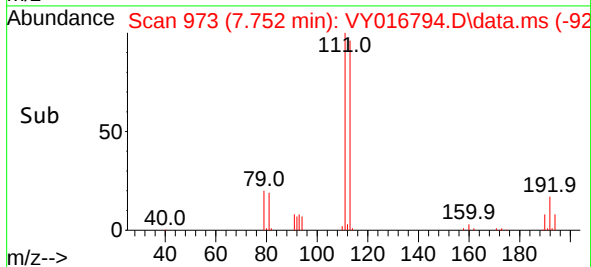
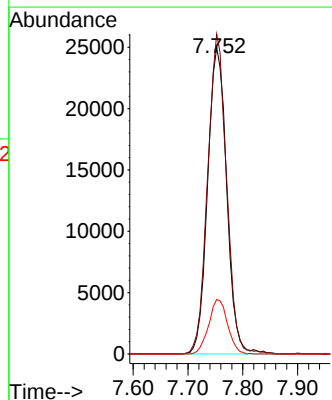
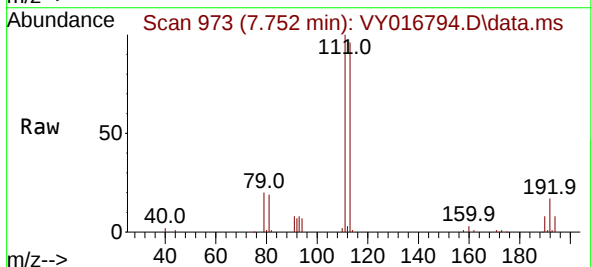
Tgt Ion:113 Resp: 60120

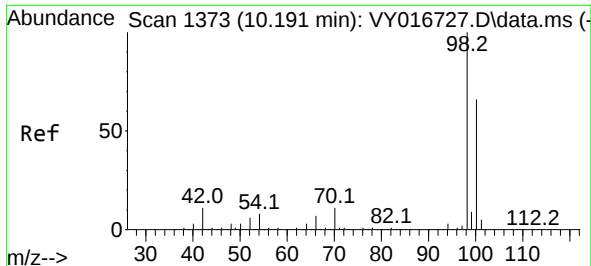
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.7 14.5 21.7

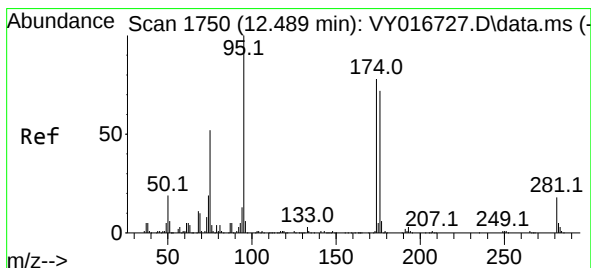
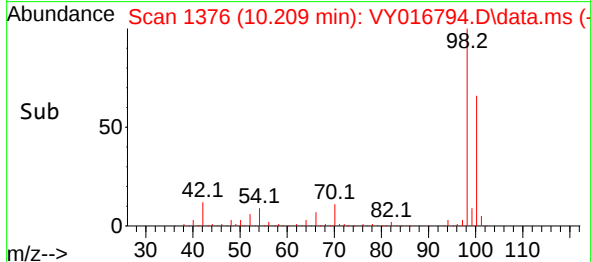
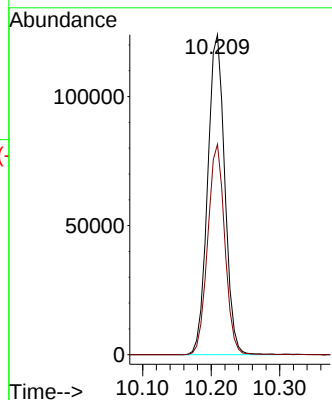
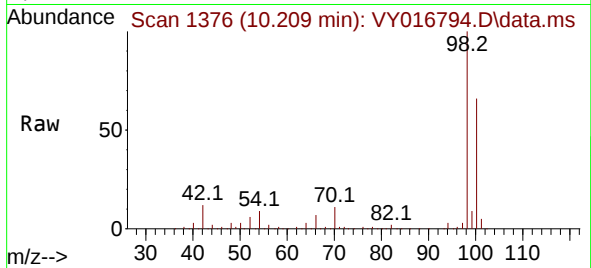




#50
Toluene-d8
Concen: 42.805 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016794.D
Acq: 22 Dec 2023 06:55

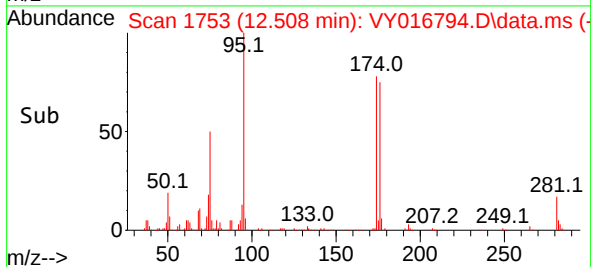
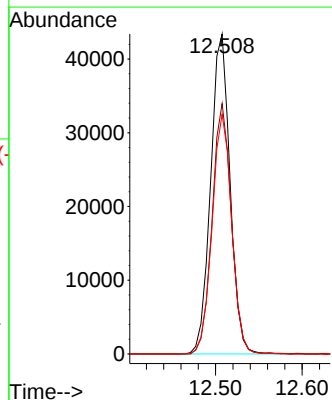
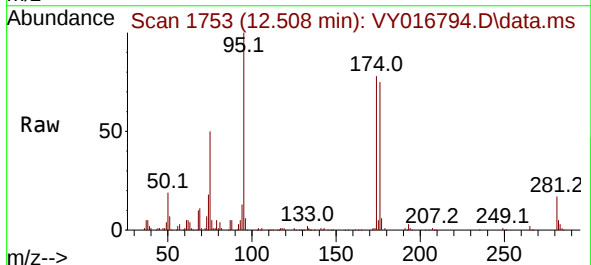
Instrument :
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ClientSampleId :
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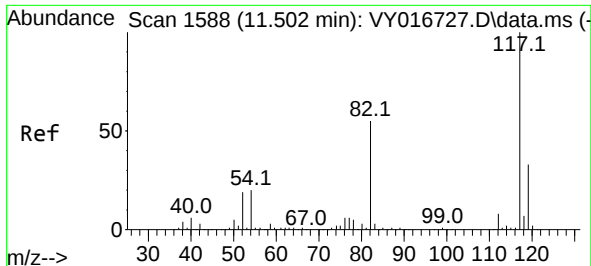
Tgt Ion: 98 Resp: 215490
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 41.282 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY016794.D
Acq: 22 Dec 2023 06:55

Tgt Ion: 95 Resp: 67425
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.0
176 75.6 0.0 151.8

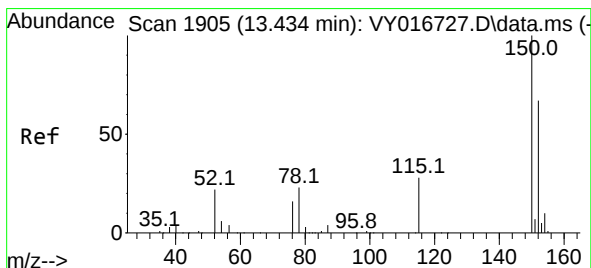
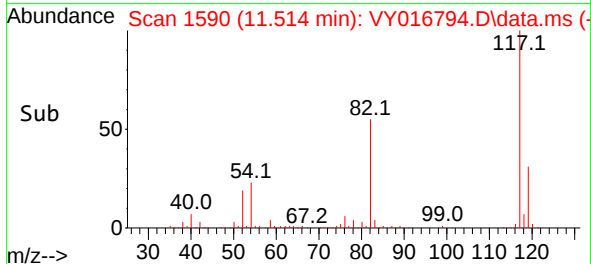
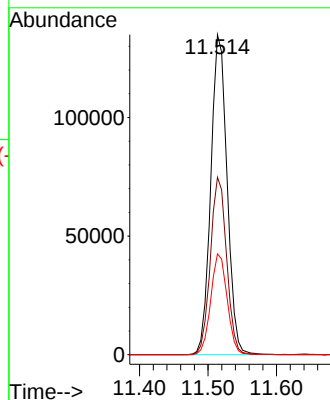
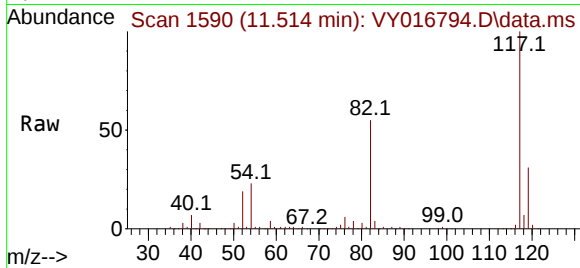




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016794.D
Acq: 22 Dec 2023 06:55

Instrument :
MSVOA_Y
ClientSampleId :
COLY7

Tgt Ion:117 Resp: 222806
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 31.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.018 min
Lab File: VY016794.D
Acq: 22 Dec 2023 06:55

Tgt Ion:152 Resp: 80415
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 157.7 0.0 344.6

