

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017214.D
 Acq On : 03 Feb 2024 04:29
 Operator : SY/MD
 Sample : P1304-02
 Misc : 4.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIGHTON-WEST-8TH-STREET

Quant Time: Feb 03 05:11:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

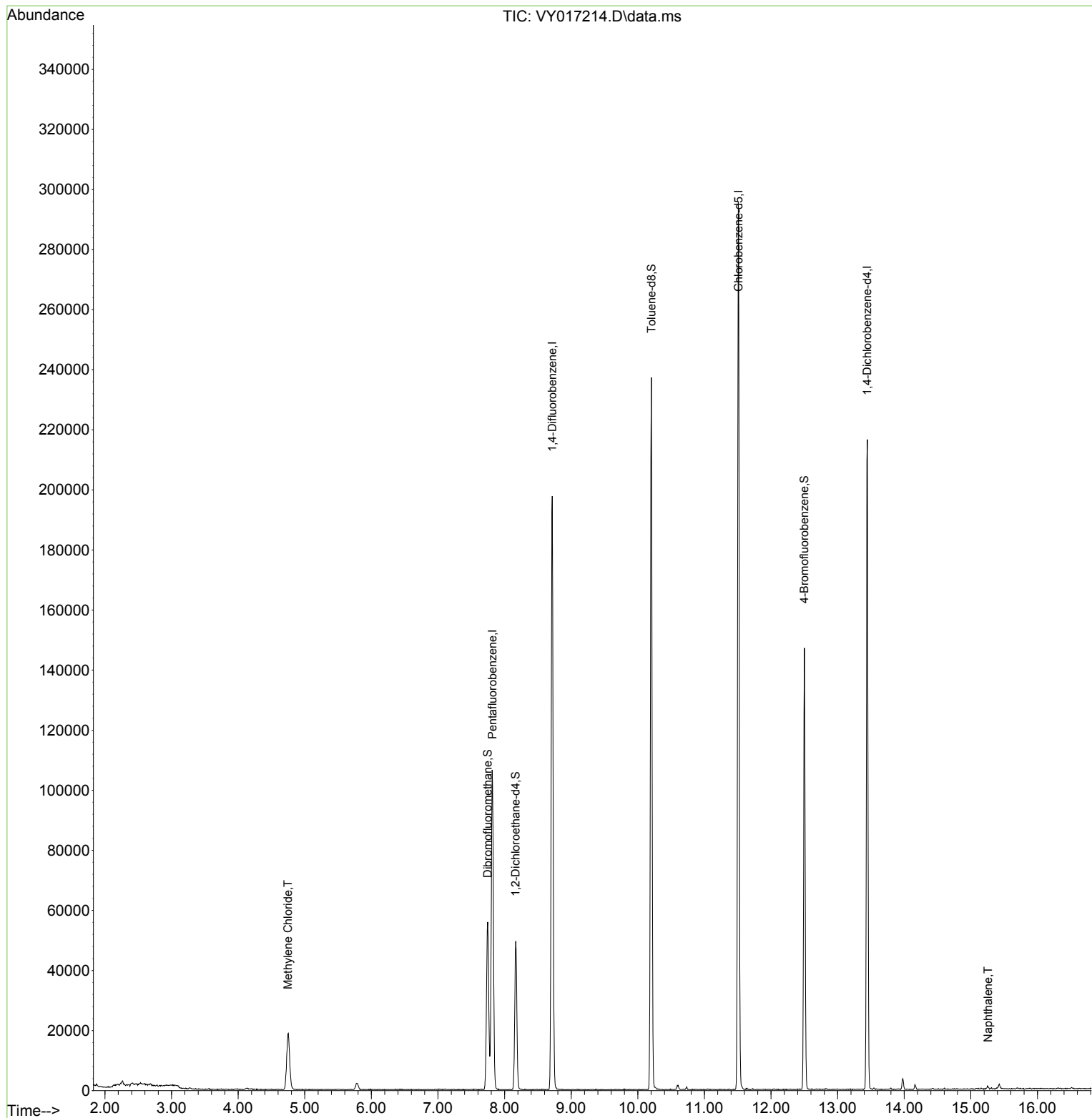
Internal Standards						
1) Pentafluorobenzene	7.819	168	79994	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	171427	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	164114	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	54860	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	37620	52.644	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.280%			
35) Dibromofluoromethane	7.746	113	40854	44.138	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.280%			
50) Toluene-d8	10.203	98	151188	44.863	ug/l	0.02
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.720%			
62) 4-Bromofluorobenzene	12.501	95	44616	40.415	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.820%			
Target Compounds						
20) Methylene Chloride	4.747	84	14921	14.885	ug/l	94
95) Naphthalene	15.257	128	1170	4.176	ug/l #	83

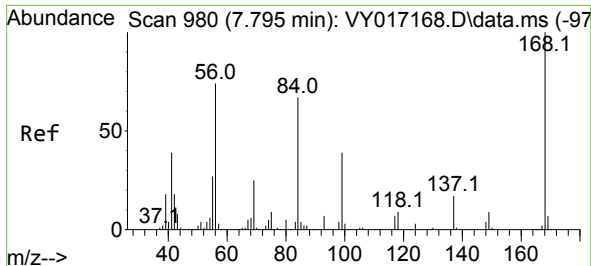
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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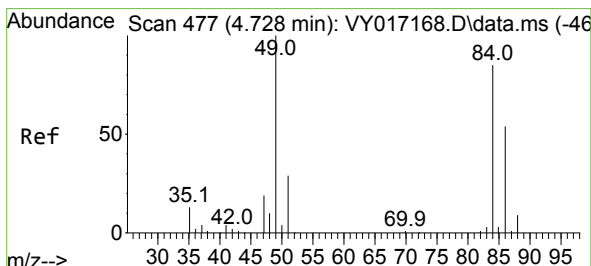
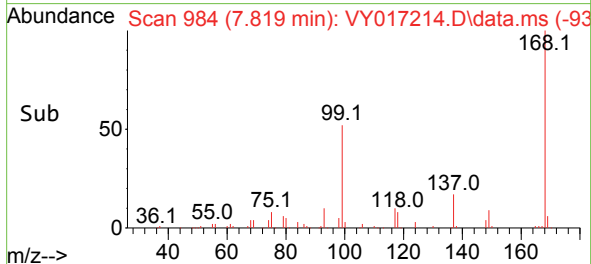
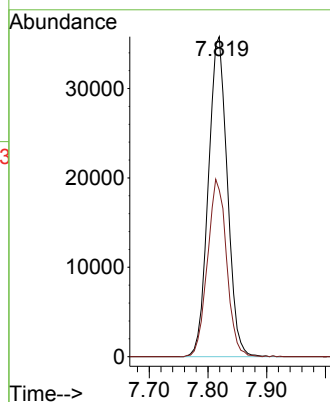
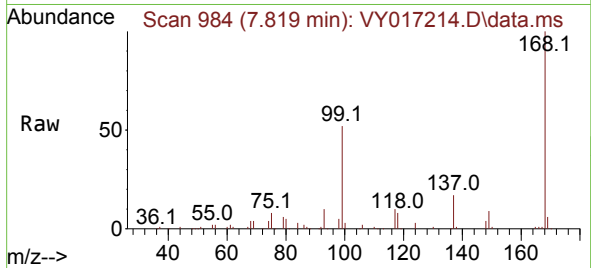




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

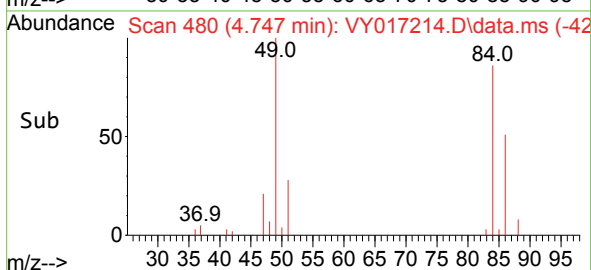
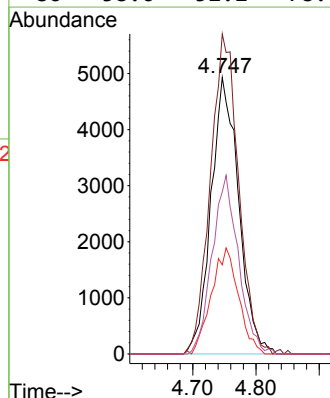
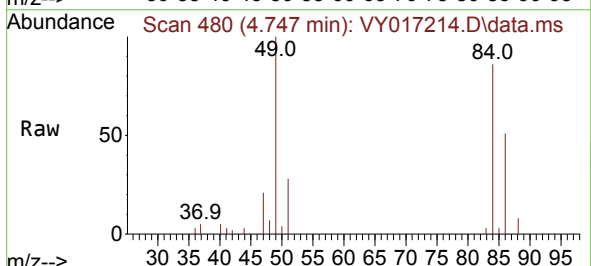
Instrument :
MSVOA_Y
ClientSampleId :
BRIGHTON-WEST-8TH-STREET

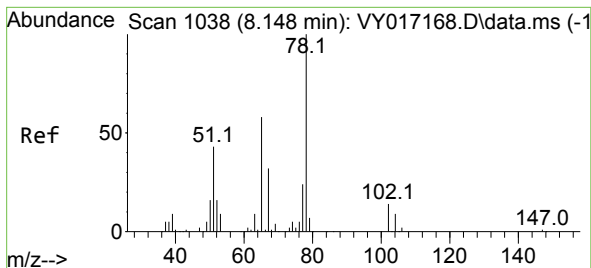
Tgt Ion:168 Resp: 79994
Ion Ratio Lower Upper
168 100
99 52.1 44.2 66.4



#20
Methylene Chloride
Concen: 14.885 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.019 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion: 84 Resp: 14921
Ion Ratio Lower Upper
84 100
49 115.7 95.2 142.8
51 32.2 29.9 44.9
86 58.6 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 52.644 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY017214.D

Acq: 03 Feb 2024 04:29

Instrument :

MSVOA_Y

ClientSampleId :

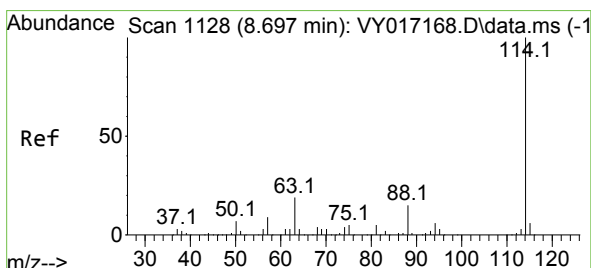
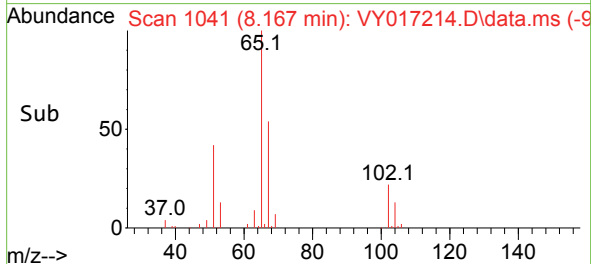
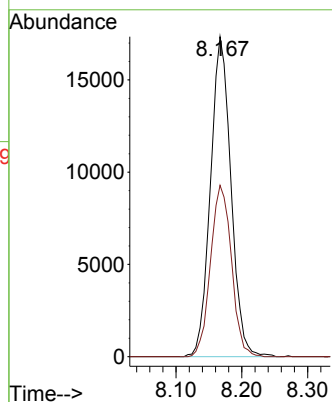
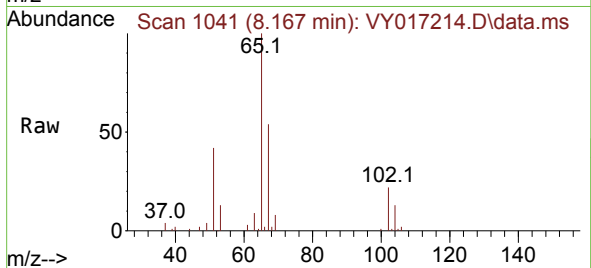
BRIGHTON-WEST-8TH-STREET

Tgt Ion: 65 Resp: 37620

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.019 min

Lab File: VY017214.D

Acq: 03 Feb 2024 04:29

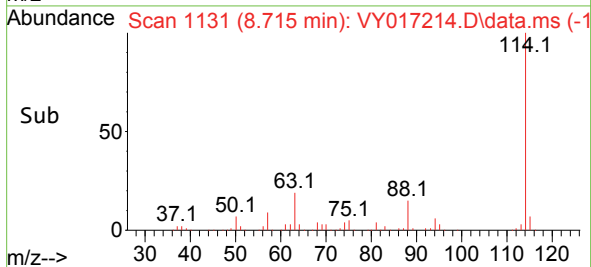
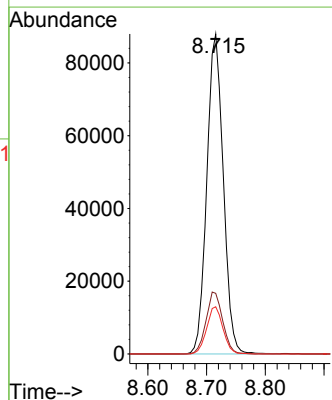
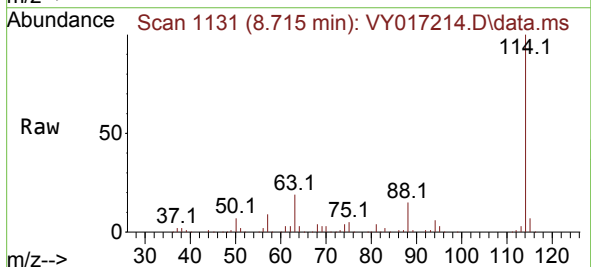
Tgt Ion: 114 Resp: 171427

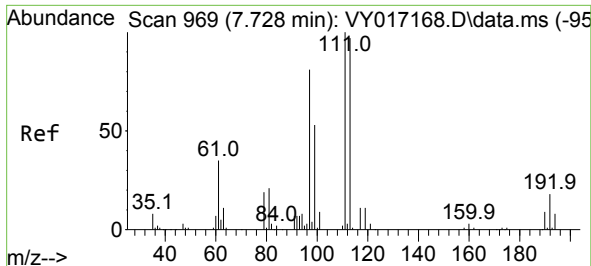
Ion Ratio Lower Upper

114 100

63 19.0 0.0 37.4

88 14.8 0.0 29.0

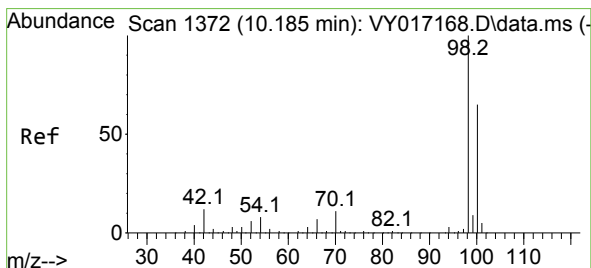
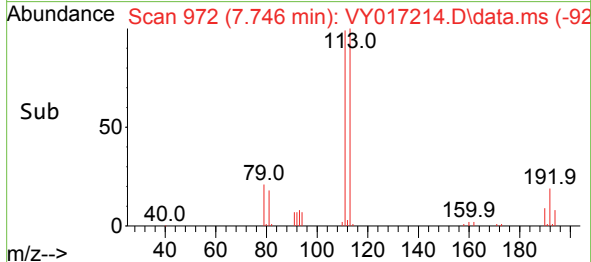
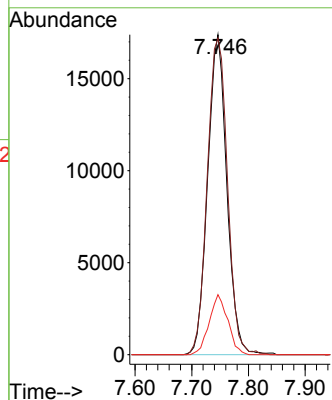
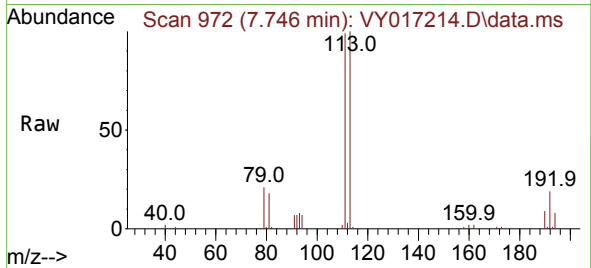




#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

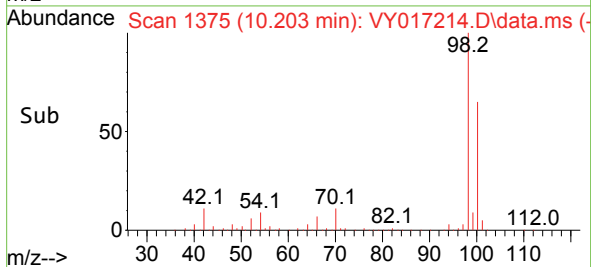
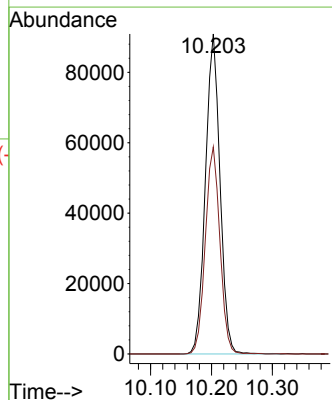
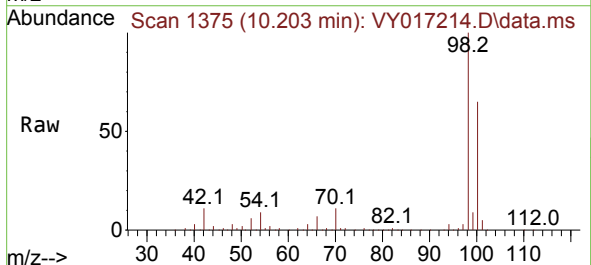
Instrument :
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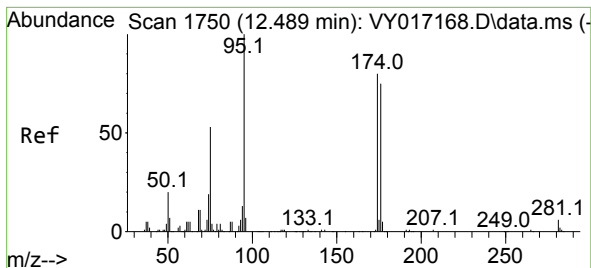
Tgt Ion:113 Resp: 40854
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.3 14.5 21.7



#50
Toluene-d8
Concen: 44.863 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.018 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion: 98 Resp: 151188
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

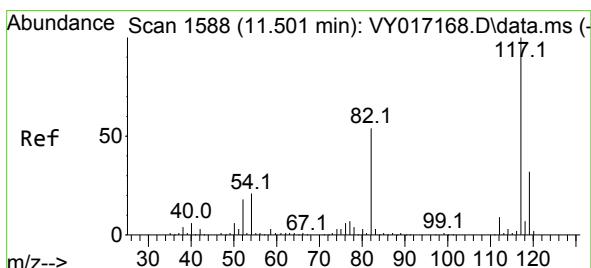
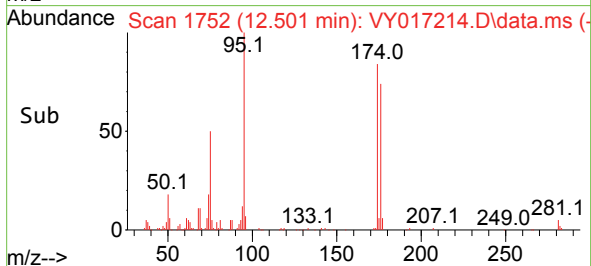
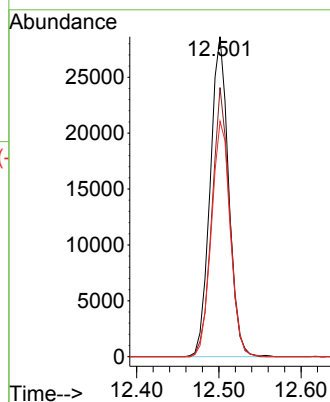
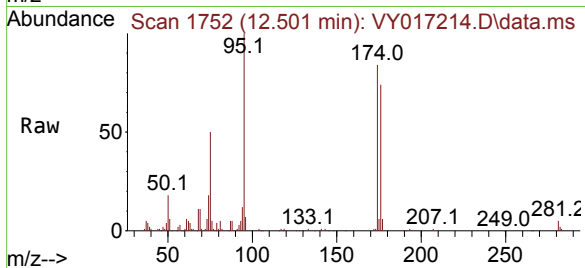




#62
4-Bromofluorobenzene
Concen: 40.415 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

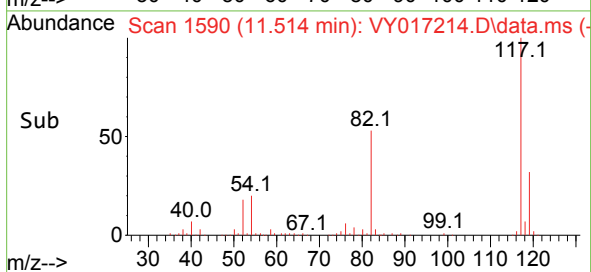
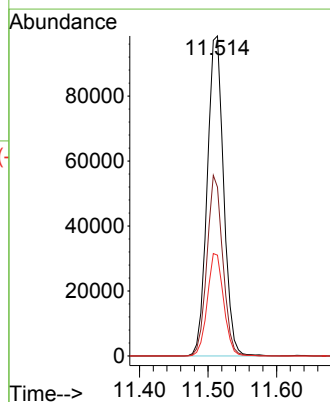
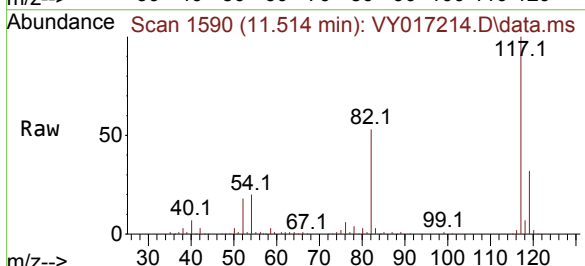
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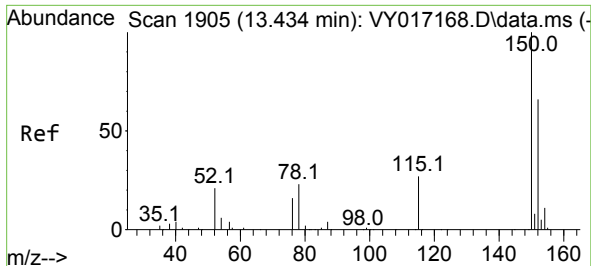
Tgt Ion: 95	Resp: 44616
Ion Ratio	Lower Upper
95	100
174	80.6 0.0 160.0
176	74.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion: 117	Resp: 164114
Ion Ratio	Lower Upper
117	100
82	52.7 43.8 65.8
119	31.5 26.5 39.7

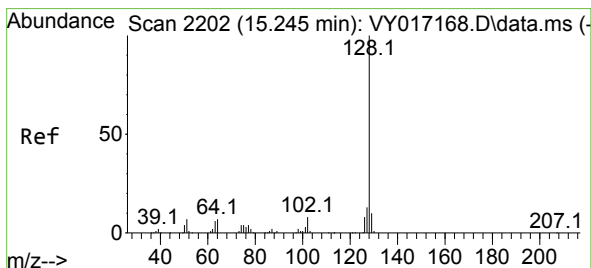
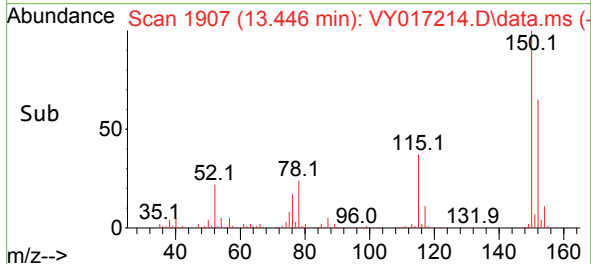
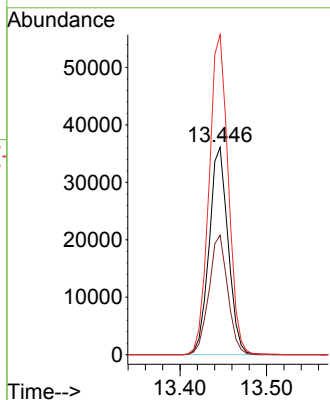
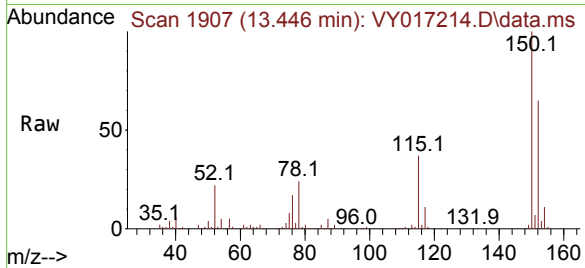




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Instrument :
MSVOA_Y
ClientSampleId :
BRIGHTON-WEST-8TH-STREET

Tgt Ion:152 Resp: 54860
Ion Ratio Lower Upper
152 100
115 57.4 30.0 90.0
150 156.5 0.0 344.6



#95
Naphthalene
Concen: 4.176 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.012 min
Lab File: VY017214.D
Acq: 03 Feb 2024 04:29

Tgt Ion:128 Resp: 1170
Ion Ratio Lower Upper
128 100
127 5.0 10.2 15.4#
129 5.3 8.6 12.8#

