

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074370.D
 Acq On : 20 Sep 2022 17:19
 Operator : VA/SY
 Sample : N4668-03
 Misc : 6.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22006-5.5

Quant Time: Sep 21 02:25:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

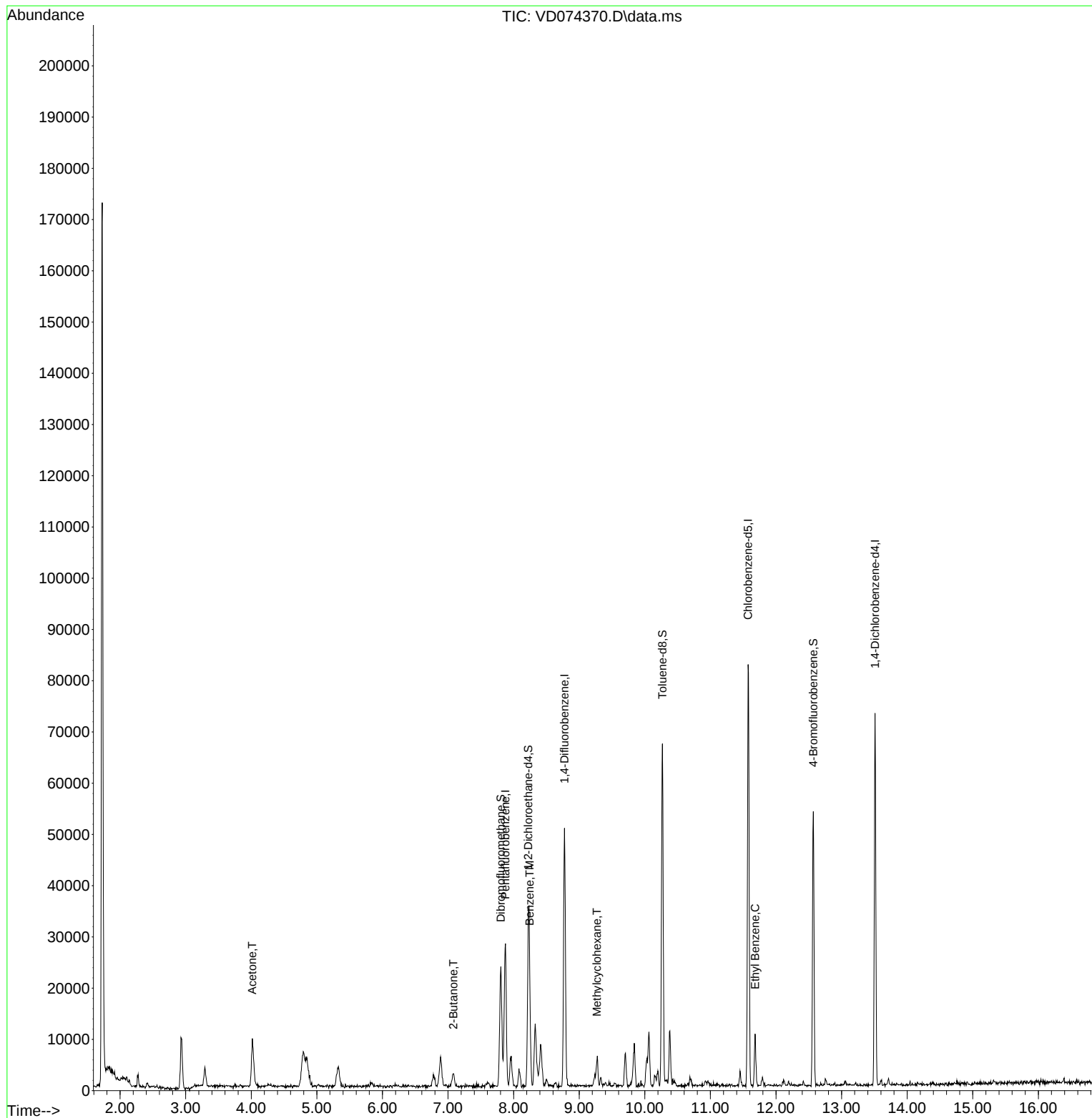
Internal Standards						
1) Pentafluorobenzene	7.875	168	19566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	43605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	44344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	18729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	25941	136.119	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 272.240%#	
35) Dibromofluoromethane	7.805	113	16437	57.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.460%	
50) Toluene-d8	10.269	98	47103	47.534	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	12.569	95	17230	51.475	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.940%	
Target Compounds						Qvalue
16) Acetone	4.017	43	14641	341.002	ug/l	95
25) 2-Butanone	7.081	43	3646	57.014	ug/l #	89
39) Methylcyclohexane	9.269	83	2139	4.034	ug/l #	87
40) Benzene	8.246	78	5960	4.849	ug/l	95
67) Ethyl Benzene	11.681	91	6933	4.137	ug/l	97

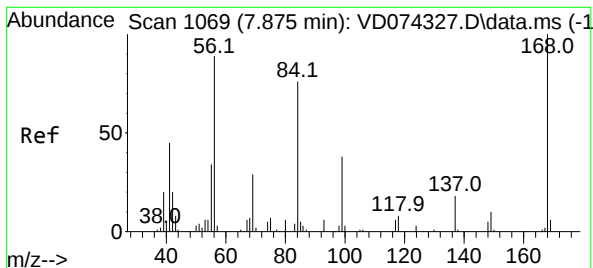
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074370.D
Acq On : 20 Sep 2022 17:19
Operator : VA/SY
Sample : N4668-03
Misc : 6.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

Quant Time: Sep 21 02:25:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074370.D

Acq: 20 Sep 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

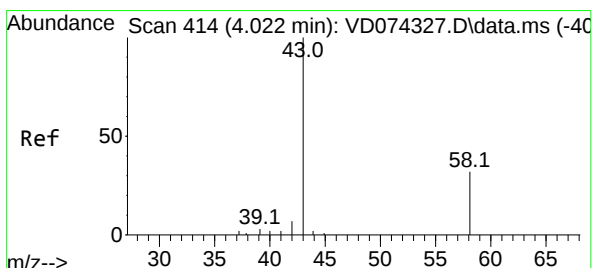
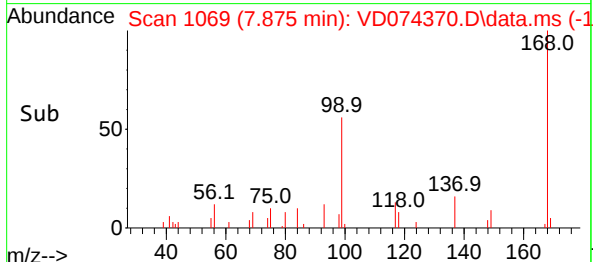
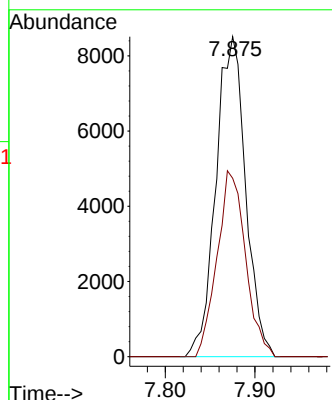
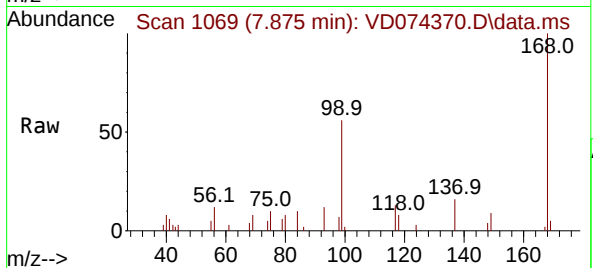
D22006-5.5

Tgt Ion:168 Resp: 19566

Ion Ratio Lower Upper

168 100

99 55.8 43.0 64.6



#16

Acetone

Concen: 341.002 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.005 min

Lab File: VD074370.D

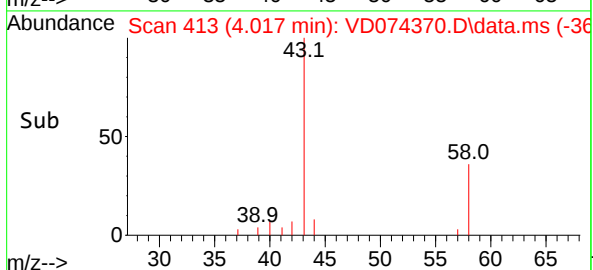
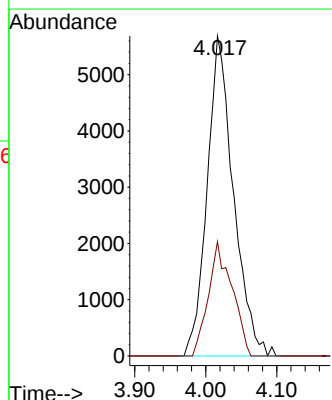
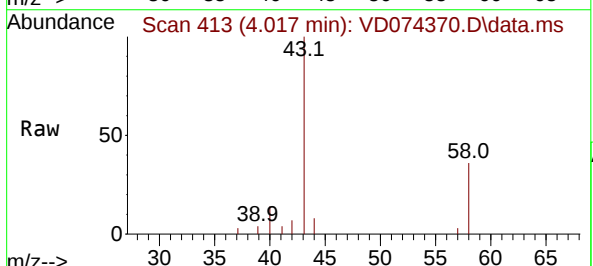
Acq: 20 Sep 2022 17:19

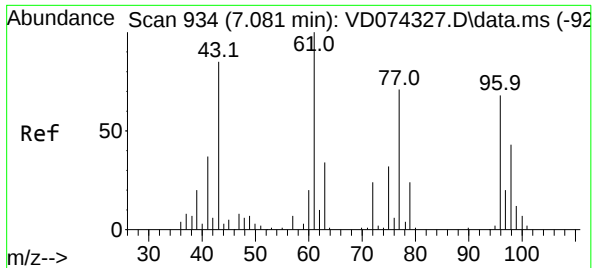
Tgt Ion: 43 Resp: 14641

Ion Ratio Lower Upper

43 100

58 35.7 26.4 39.6

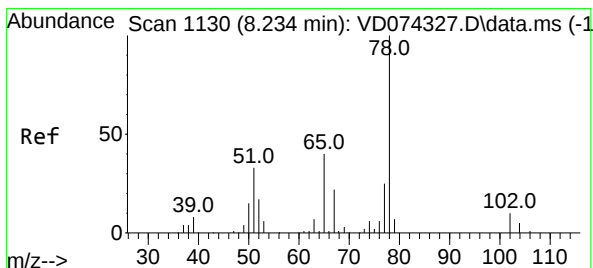
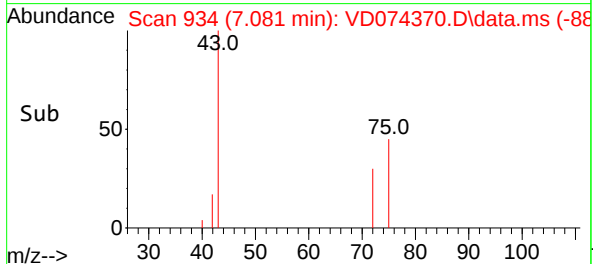
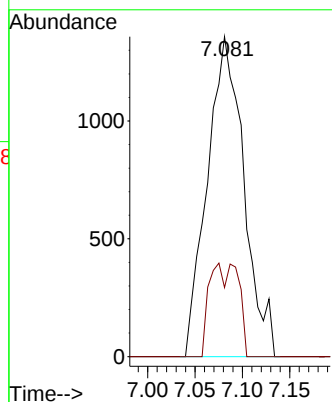
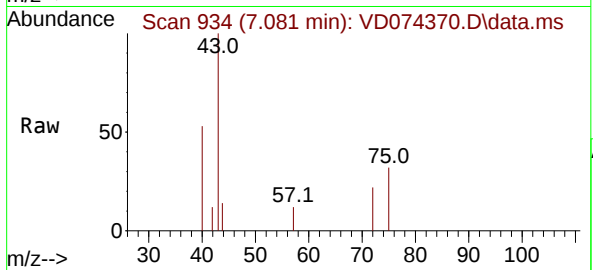




#25
2-Butanone
Concen: 57.014 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074370.D
Acq: 20 Sep 2022 17:19

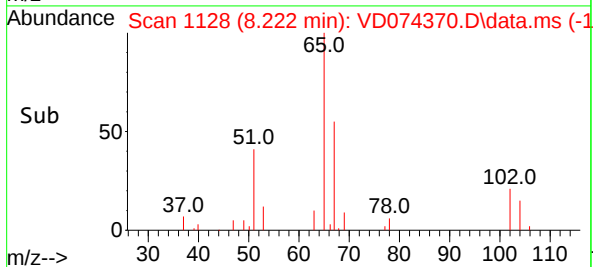
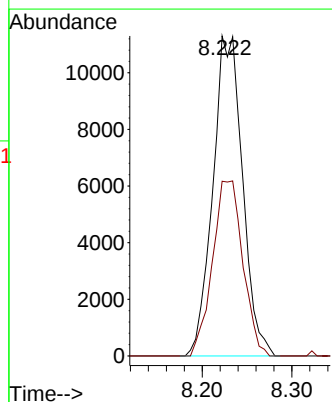
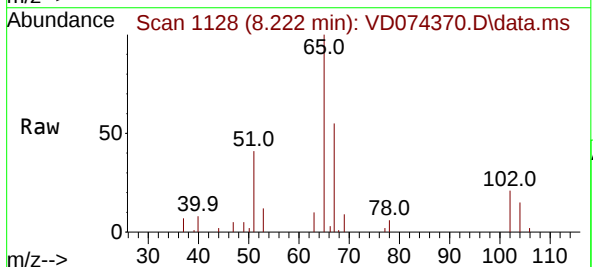
Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

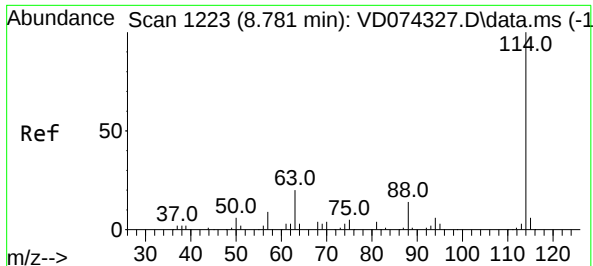
Tgt Ion: 43 Resp: 3646
Ion Ratio Lower Upper
43 100
72 21.6 21.8 32.6#



#33
1,2-Dichloroethane-d4
Concen: 136.119 ug/l
RT: 8.222 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VD074370.D
Acq: 20 Sep 2022 17:19

Tgt Ion: 65 Resp: 25941
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074370.D

Acq: 20 Sep 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

D22006-5.5

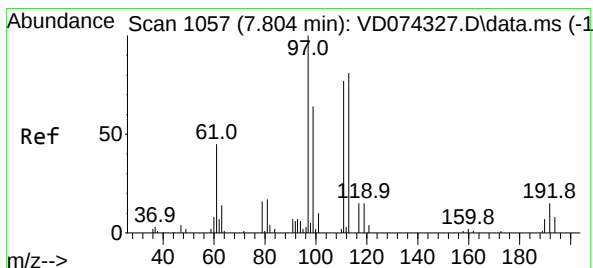
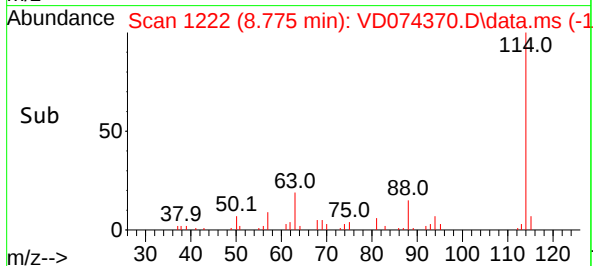
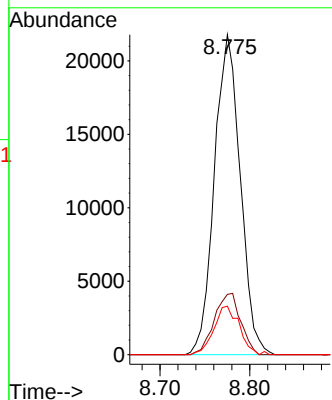
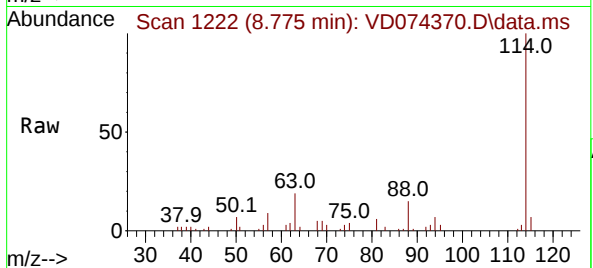
Tgt Ion:114 Resp: 43605

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

88 15.1 0.0 28.4



#35

Dibromofluoromethane

Concen: 57.235 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074370.D

Acq: 20 Sep 2022 17:19

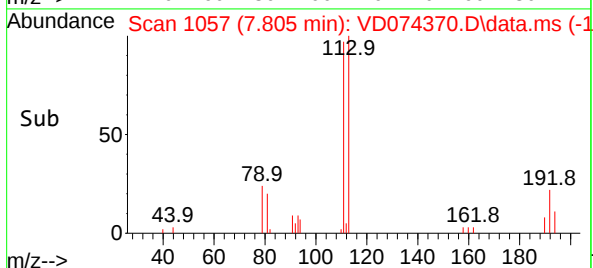
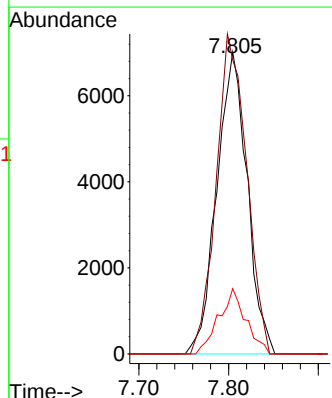
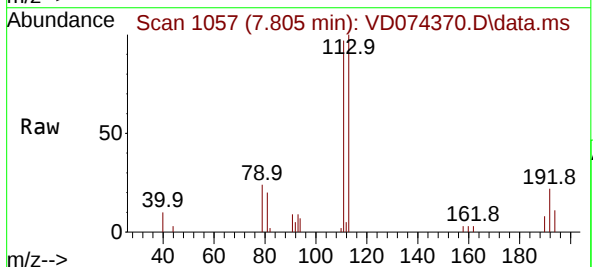
Tgt Ion:113 Resp: 16437

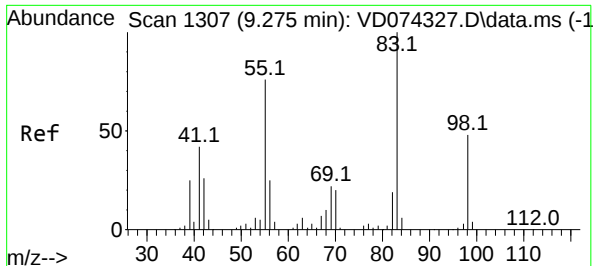
Ion Ratio Lower Upper

113 100

111 106.2 83.0 124.6

192 19.4 16.2 24.2





#39

Methylcyclohexane

Concen: 4.034 ug/l

RT: 9.269 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD074370.D

Acq: 20 Sep 2022 17:19

Instrument :

MSVOA_D

ClientSampleId :

D22006-5.5

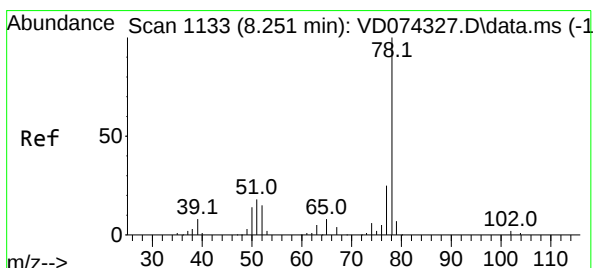
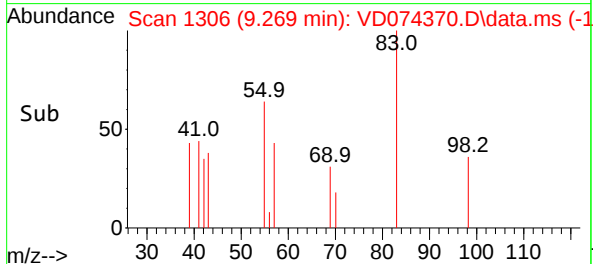
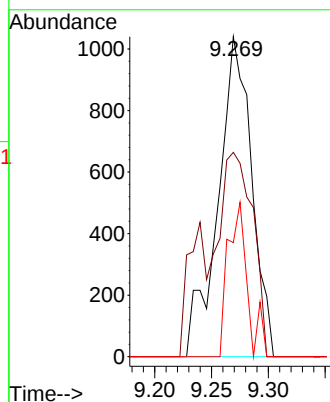
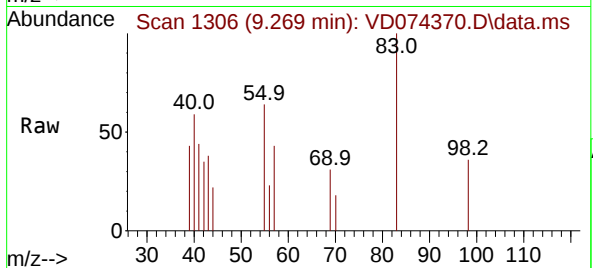
Tgt Ion: 83 Resp: 2139

Ion Ratio Lower Upper

83 100

55 63.8 57.2 85.8

98 35.7 38.3 57.5#



#40

Benzene

Concen: 4.849 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.005 min

Lab File: VD074370.D

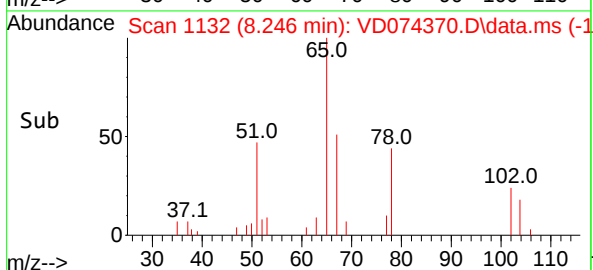
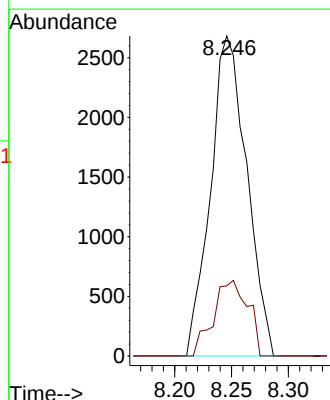
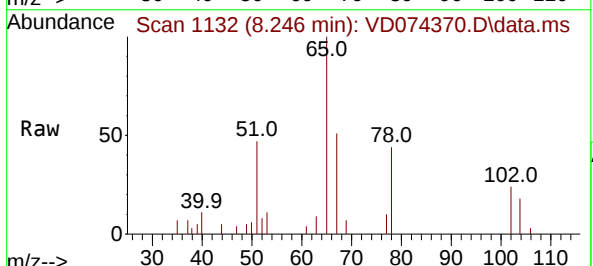
Acq: 20 Sep 2022 17:19

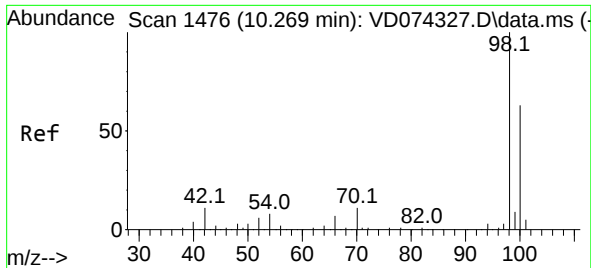
Tgt Ion: 78 Resp: 5960

Ion Ratio Lower Upper

78 100

77 21.9 19.4 29.2

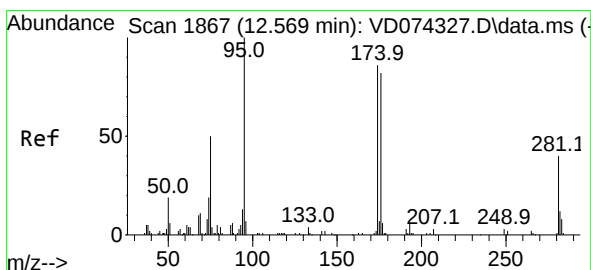
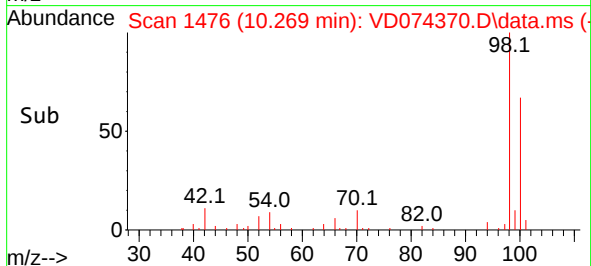
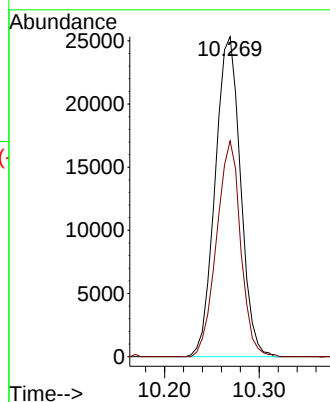
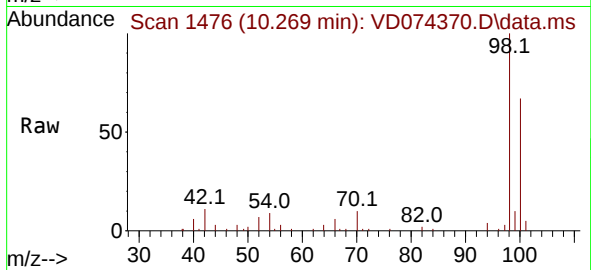




#50
Toluene-d8
Concen: 47.534 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074370.D
Acq: 20 Sep 2022 17:19

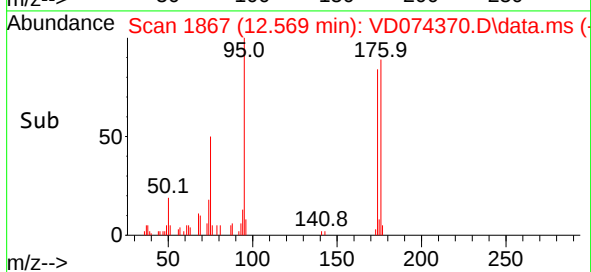
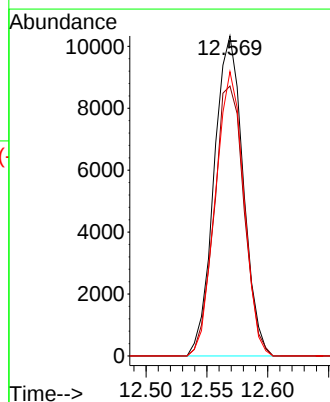
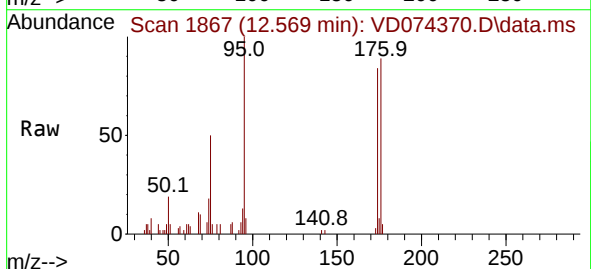
Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

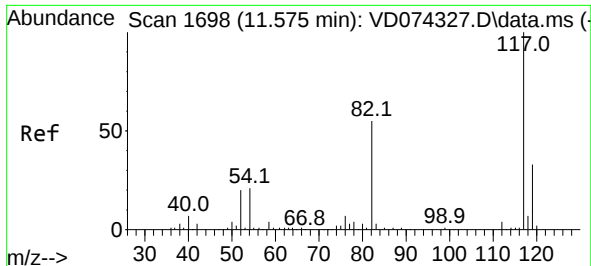
Tgt Ion: 98 Resp: 47103
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 51.475 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074370.D
Acq: 20 Sep 2022 17:19

Tgt Ion: 95 Resp: 17230
Ion Ratio Lower Upper
95 100
174 86.3 0.0 179.2
176 86.5 0.0 171.4

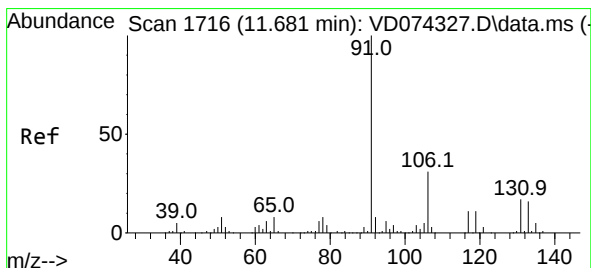
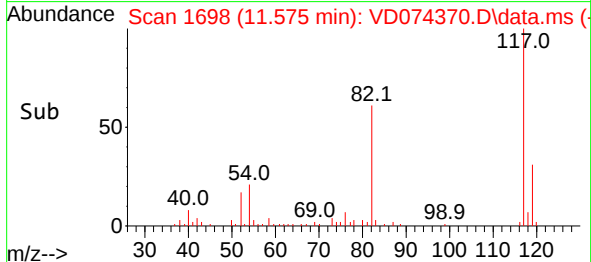
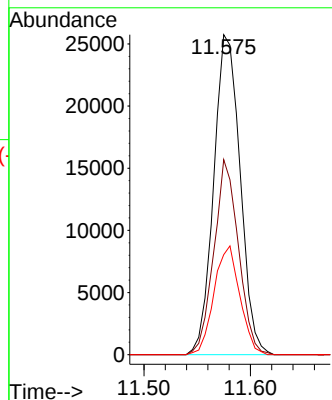
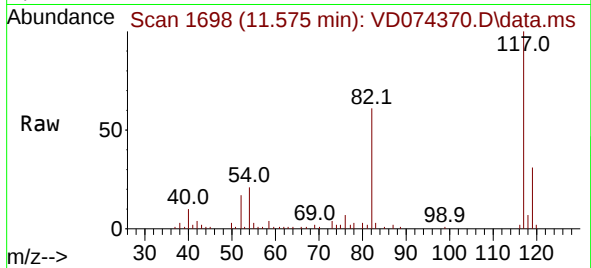




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD074370.D
Acq: 20 Sep 2022 17:19

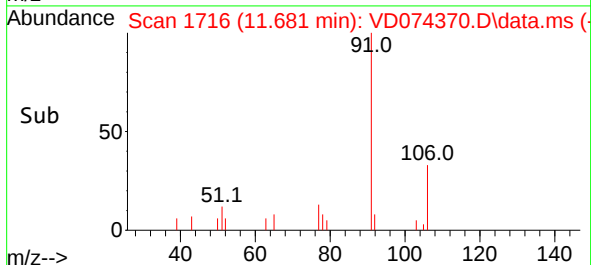
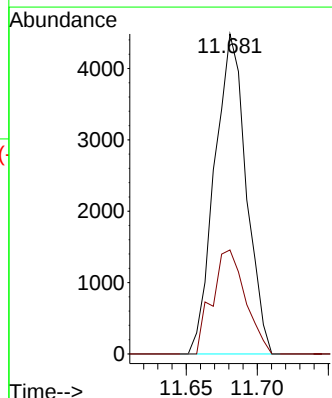
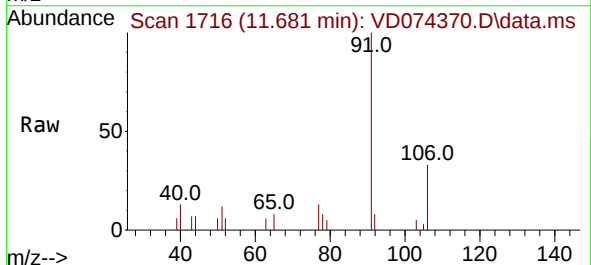
Instrument :
MSVOA_D
ClientSampleId :
D22006-5.5

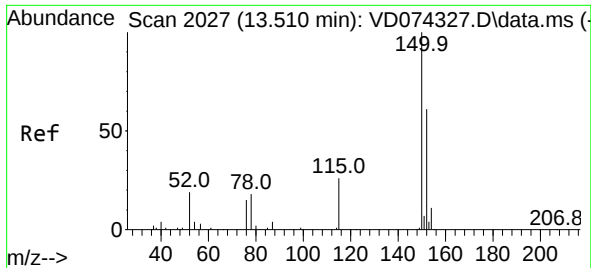
Tgt Ion:117 Resp: 44344
Ion Ratio Lower Upper
117 100
82 61.0 44.2 66.2
119 31.3 25.4 38.0



#67
Ethyl Benzene
Concen: 4.137 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074370.D
Acq: 20 Sep 2022 17:19

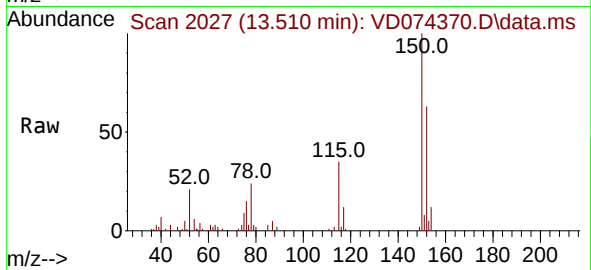
Tgt Ion: 91 Resp: 6933
Ion Ratio Lower Upper
91 100
106 32.5 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074370.D
 Acq: 20 Sep 2022 17:19

Instrument :
 MSVOA_D
 ClientSampleId :
 D22006-5.5



Tgt Ion:152 Resp: 18729
 Ion Ratio Lower Upper
 152 100
 115 59.9 28.4 85.2
 150 164.9 0.0 351.0

