

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072427.D
 Acq On : 25 Mar 2022 14:19
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 26 00:10:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

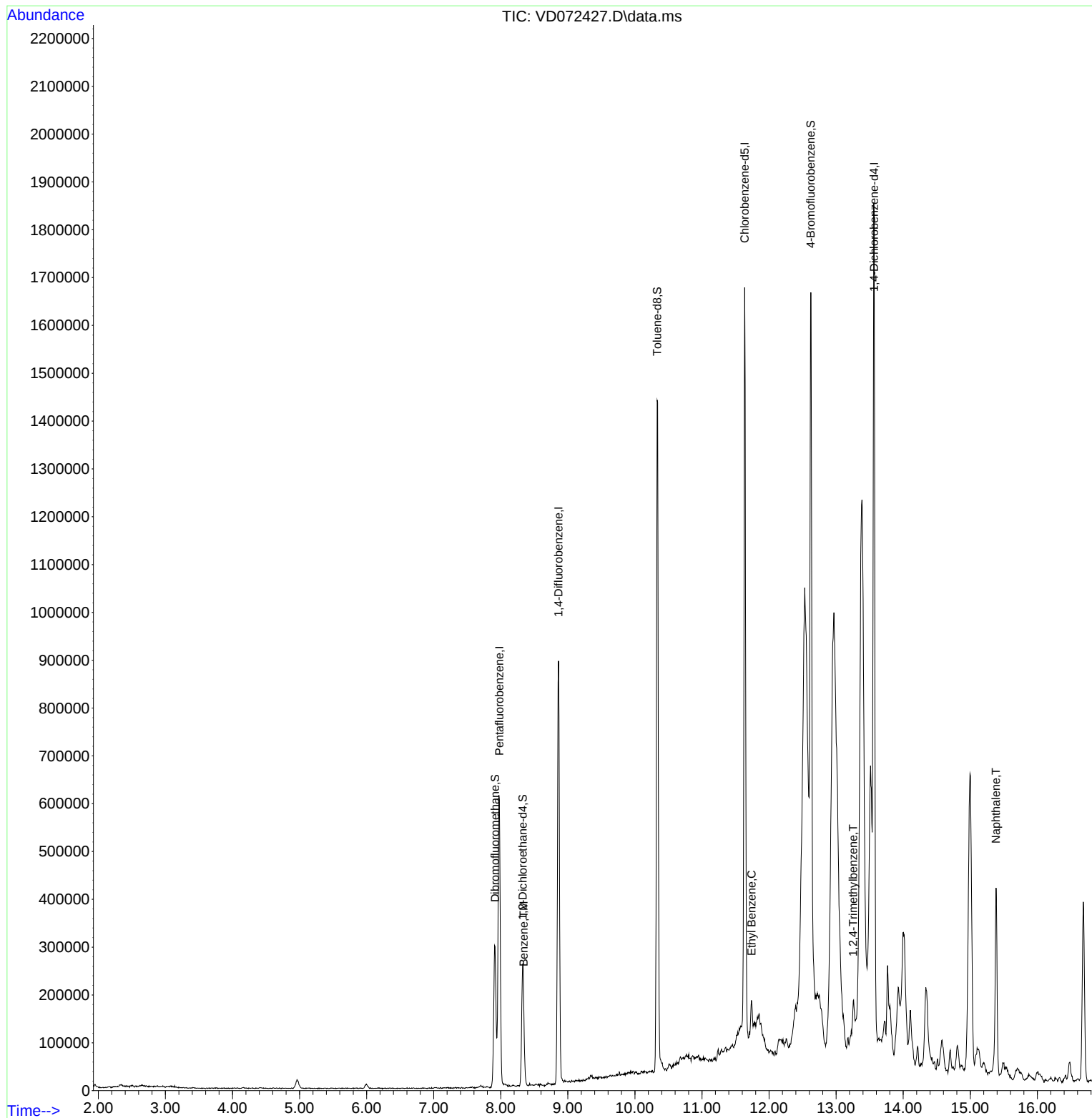
Internal Standards						
1) Pentafluorobenzene	7.979	168	450538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	755679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	856426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	464244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197006	39.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.480%
35) Dibromofluoromethane	7.914	113	219127	41.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.420%
50) Toluene-d8	10.331	98	969785	49.875	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.620	95	451802	59.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.600%
Target Compounds						
					Qvalue	
40) Benzene	8.343	78	32048	1.506	ug/l	98
67) Ethyl Benzene	11.737	91	46025	1.357	ug/l	92
84) 1,2,4-Trimethylbenzene	13.255	105	32832	1.054	ug/l	96
95) Naphthalene	15.384	128	361693	20.947	ug/l	99

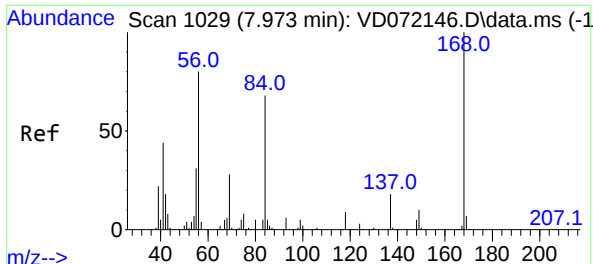
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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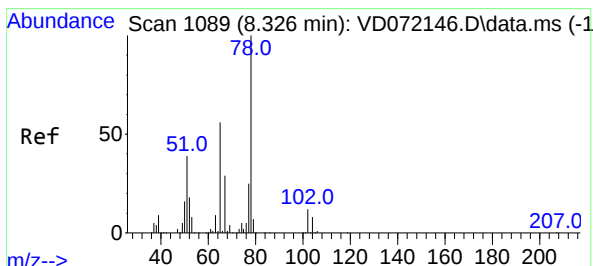
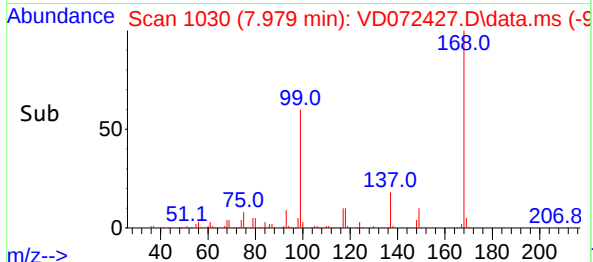
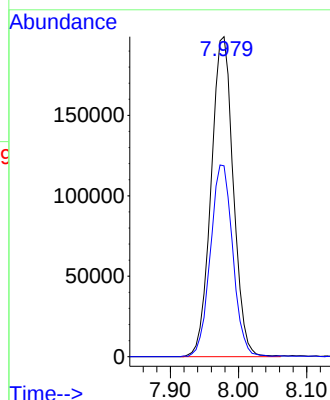
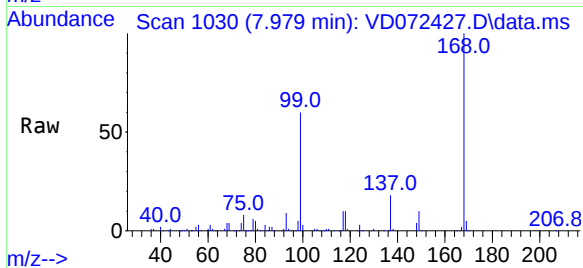




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

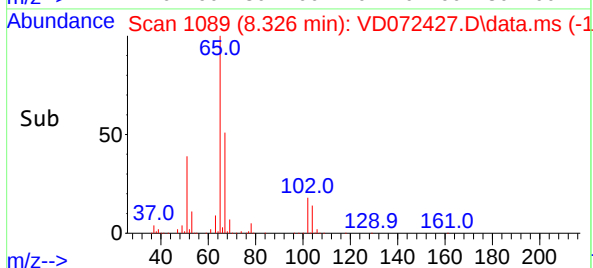
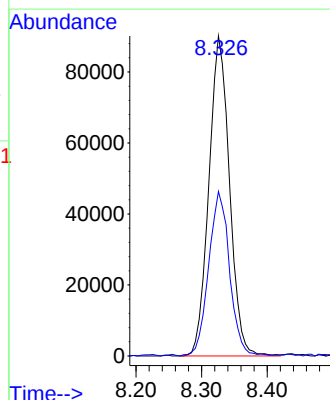
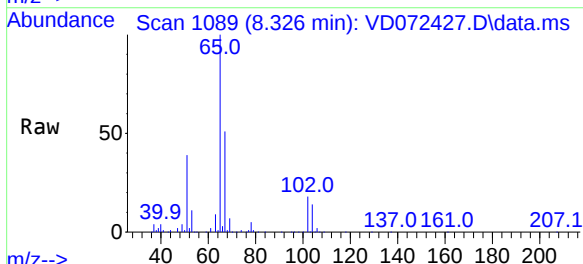
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

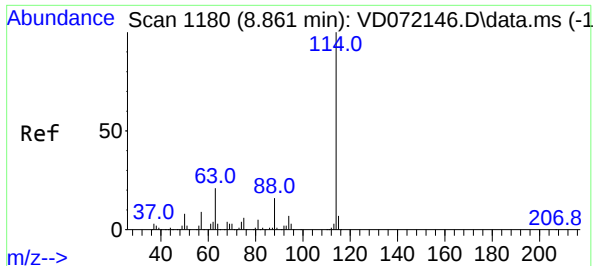
Tgt Ion:168 Resp: 450538
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 39.236 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

Tgt Ion: 65 Resp: 197006
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072427.D

Acq: 25 Mar 2022 14:19

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

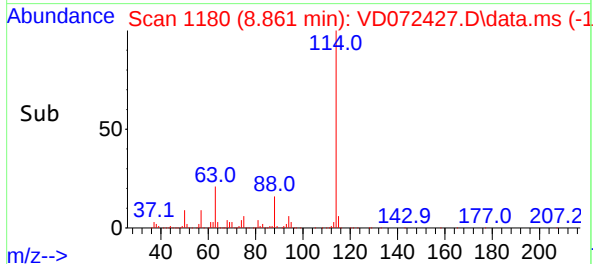
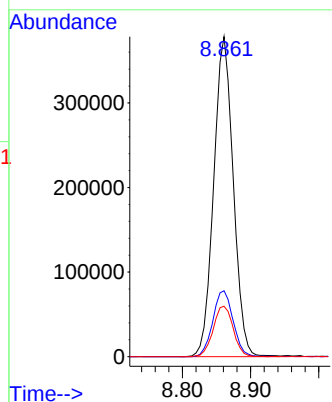
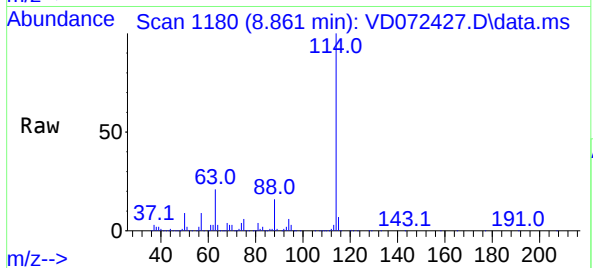
Tgt Ion:114 Resp: 755679

Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.207 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072427.D

Acq: 25 Mar 2022 14:19

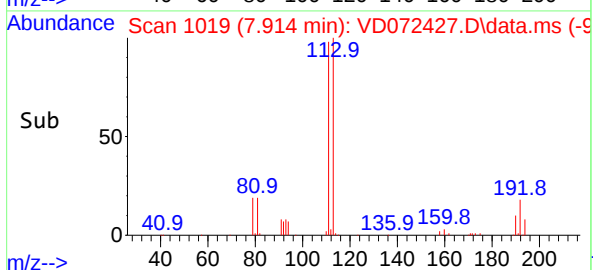
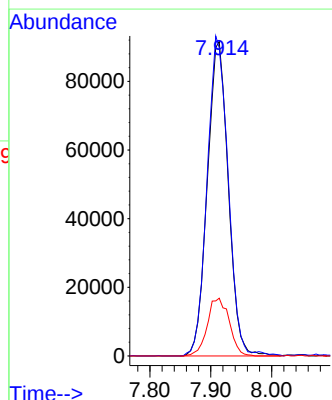
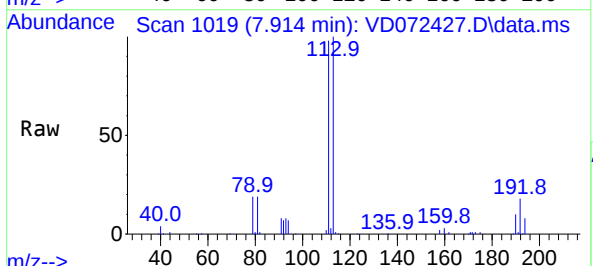
Tgt Ion:113 Resp: 219127

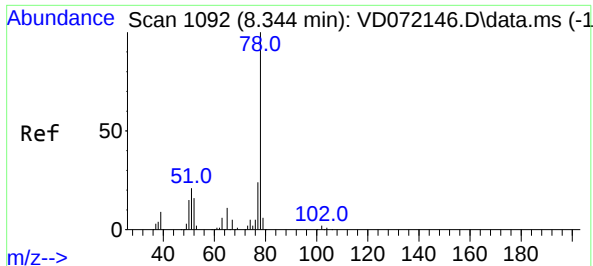
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 19.3 14.6 21.8

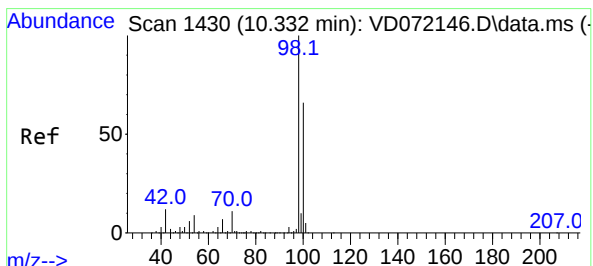
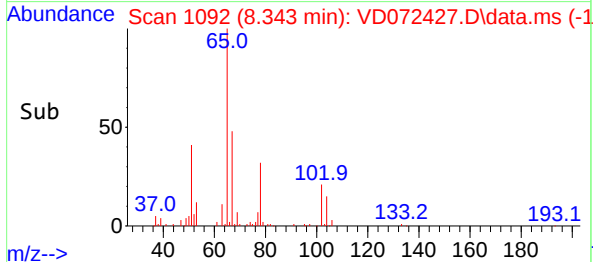
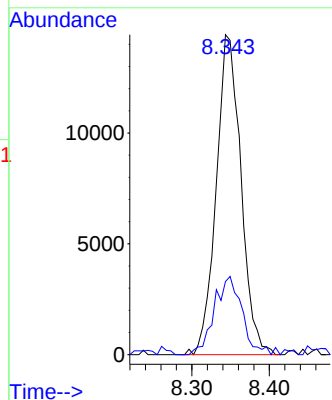
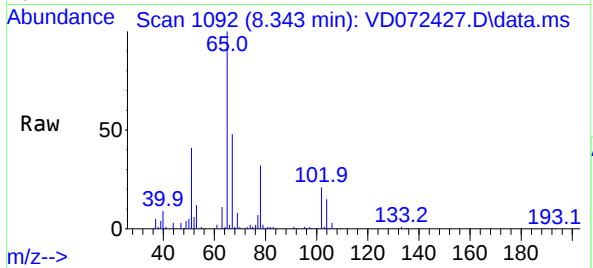




#40
Benzene
Concen: 1.506 ug/l
RT: 8.343 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

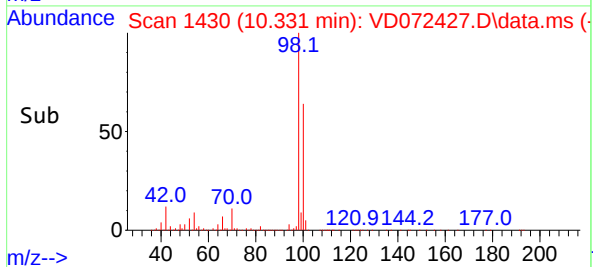
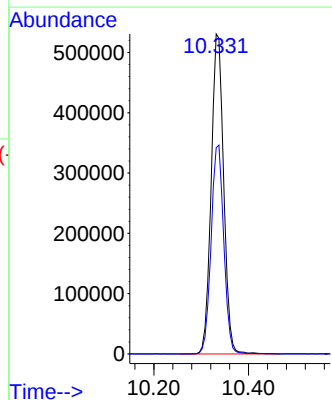
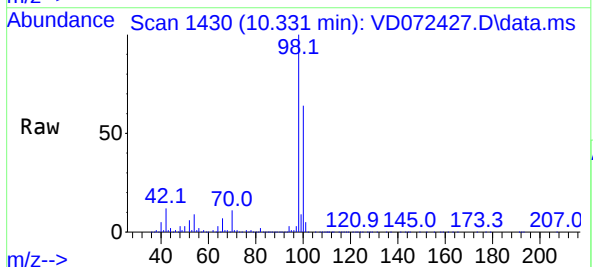
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 78 Resp: 32048
Ion Ratio Lower Upper
78 100
77 22.9 19.1 28.7



#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

Tgt Ion: 98 Resp: 969785
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

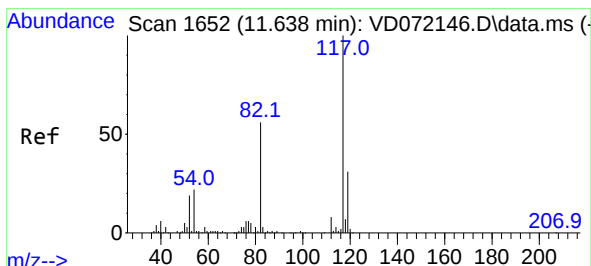
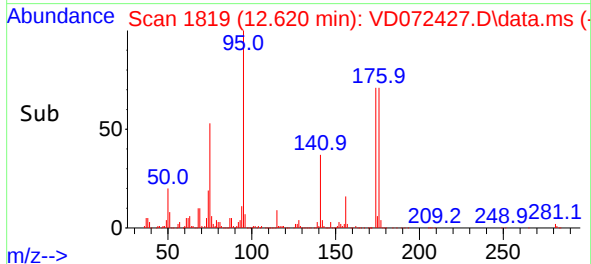
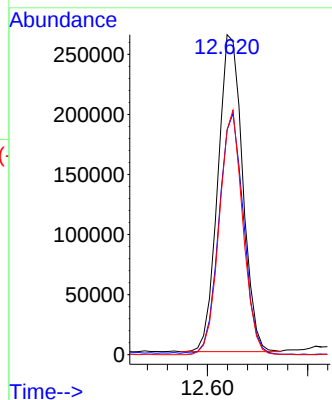
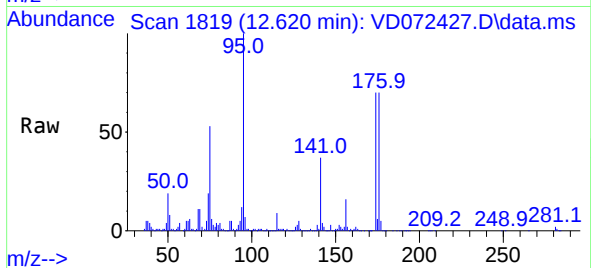




#62
4-Bromofluorobenzene
Concen: 59.800 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

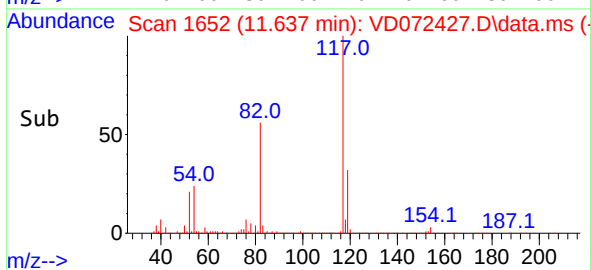
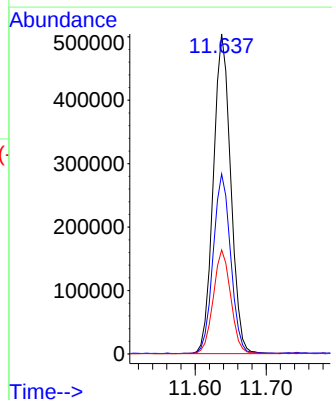
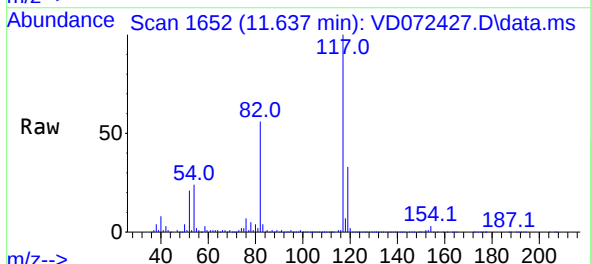
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

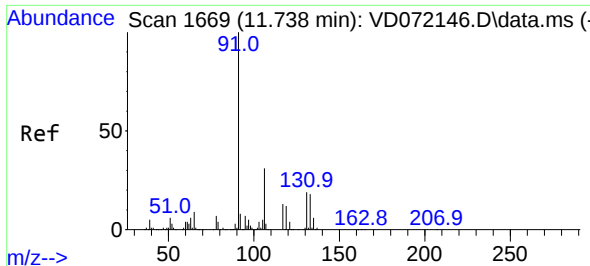
Tgt Ion: 95 Resp: 451802
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

Tgt Ion: 117 Resp: 856426
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 32.4 26.6 40.0

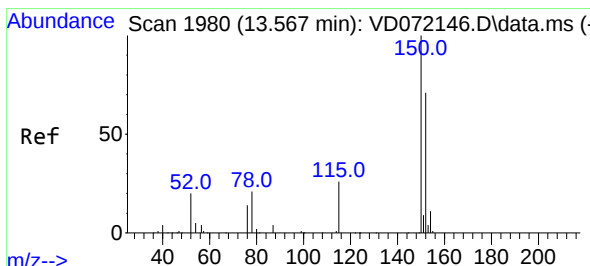
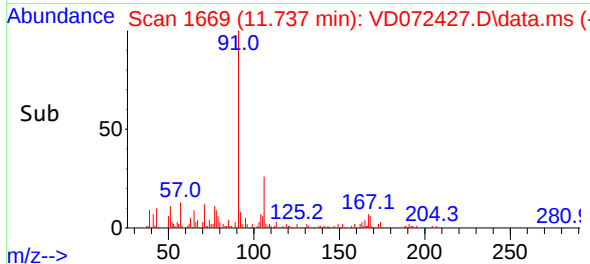
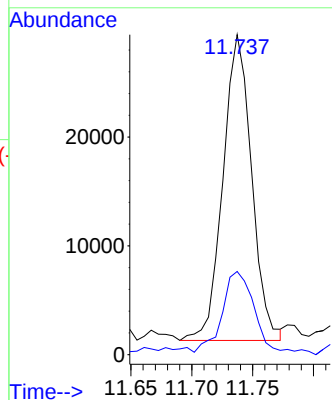
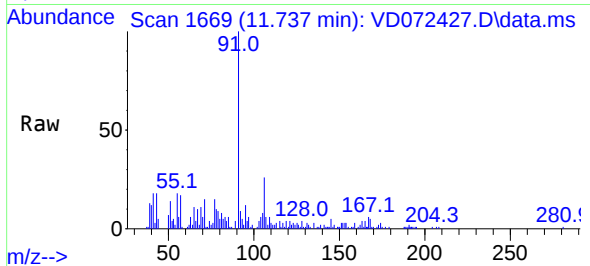




#67
Ethyl Benzene
Concen: 1.357 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

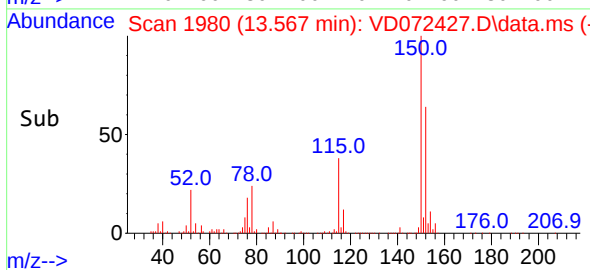
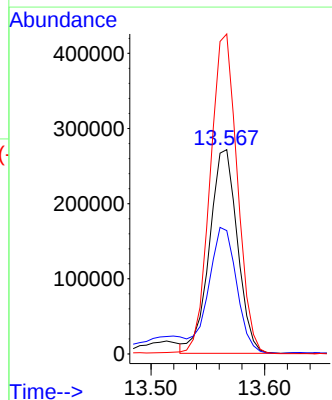
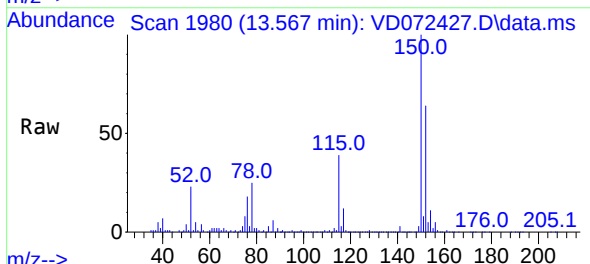
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VIBLK

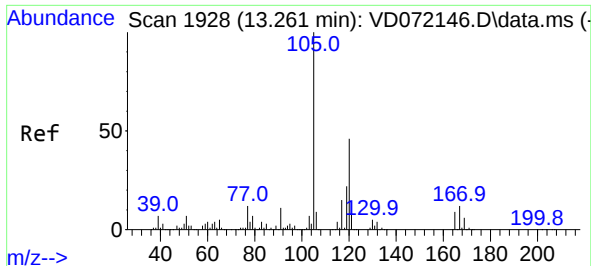
Tgt Ion: 91 Resp: 46025
Ion Ratio Lower Upper
91 100
106 25.8 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

Tgt Ion:152 Resp: 464244
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 153.2 0.0 348.6

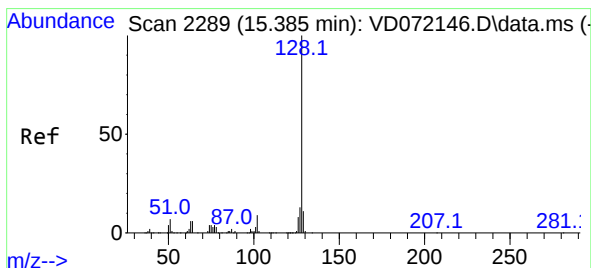
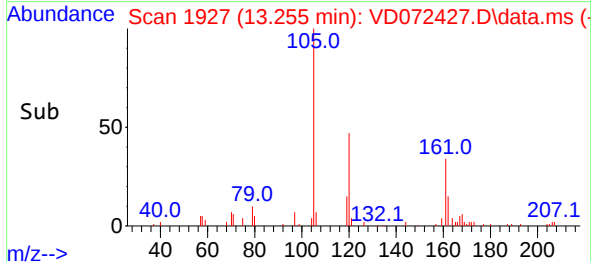
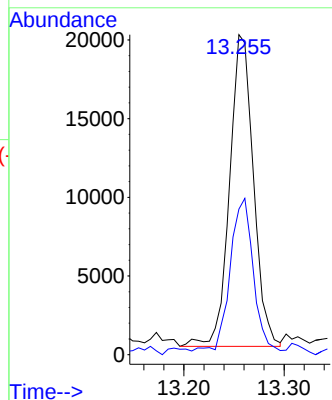
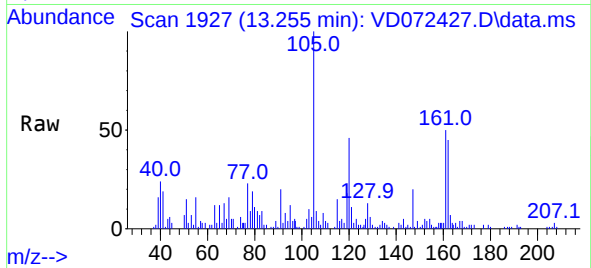




#84
1,2,4-Trimethylbenzene
Concen: 1.054 ug/l
RT: 13.255 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 32832
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.8



#95
Naphthalene
Concen: 20.947 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072427.D
Acq: 25 Mar 2022 14:19

Tgt Ion:128 Resp: 361693
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.6 8.4 12.6

