

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072431.D
 Acq On : 25 Mar 2022 16:13
 Operator : VA/SY
 Sample : VIBLK
 Misc : 4.31G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Mar 26 00:12:40 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)

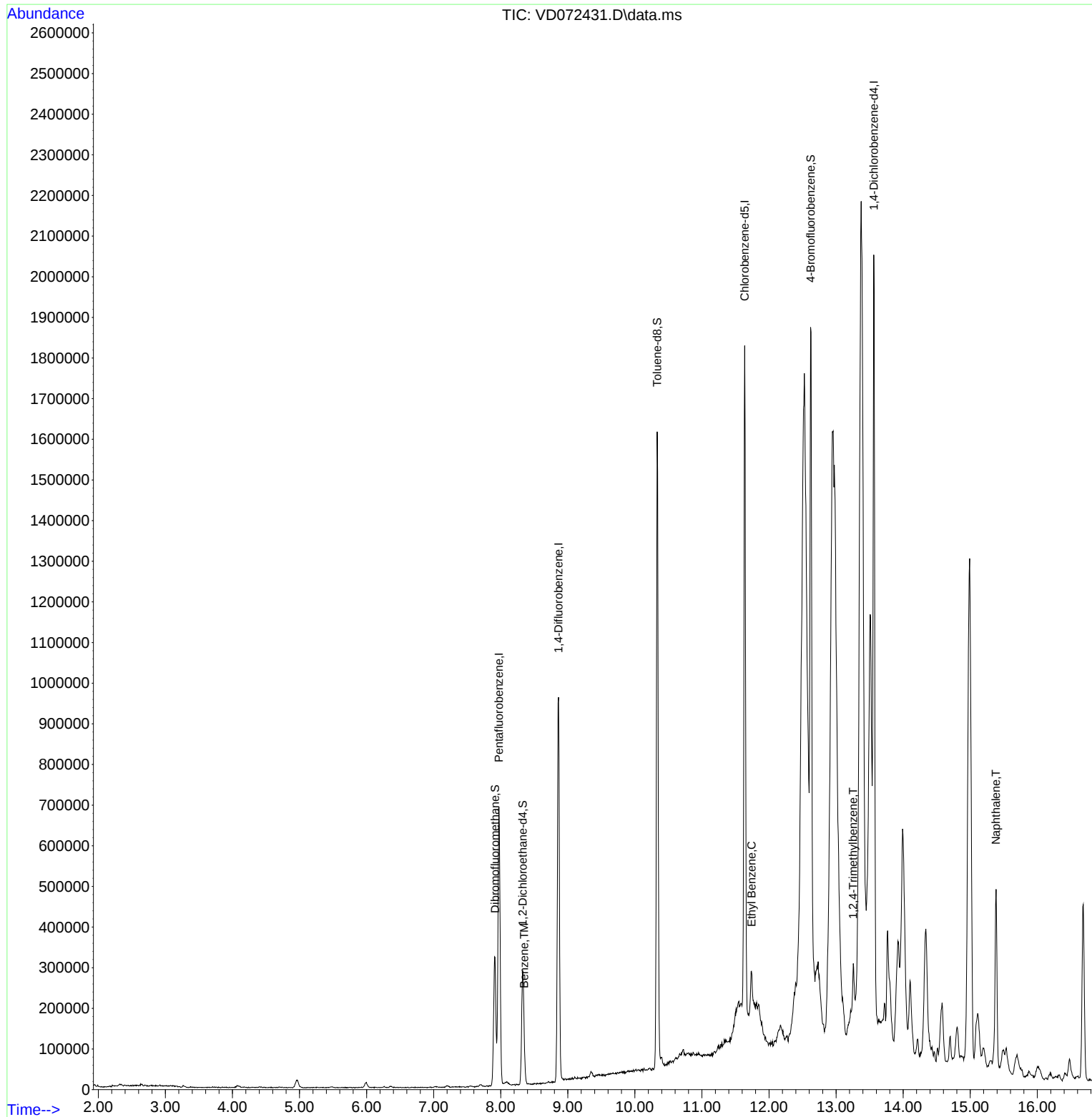
Internal Standards						
1) Pentafluorobenzene	7.973	168	496645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	818885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	925296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	499409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208034	37.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.180%
35) Dibromofluoromethane	7.914	113	232635	40.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.740%
50) Toluene-d8	10.332	98	1038761	49.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.620	95	485425	59.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.580%
Target Compounds						
					Qvalue	
40) Benzene	8.350	78	57005	2.472	ug/l	97
67) Ethyl Benzene	11.738	91	67519	1.843	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	50025	1.493	ug/l	97
95) Naphthalene	15.385	128	427044	22.990	ug/l	99

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

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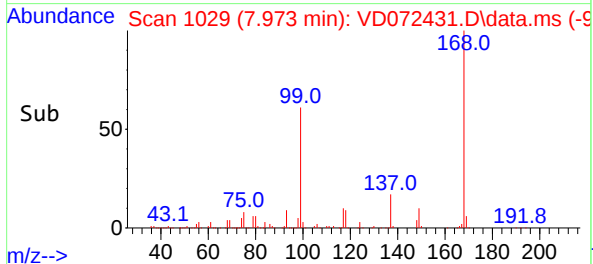
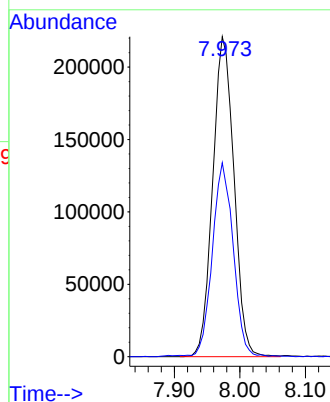
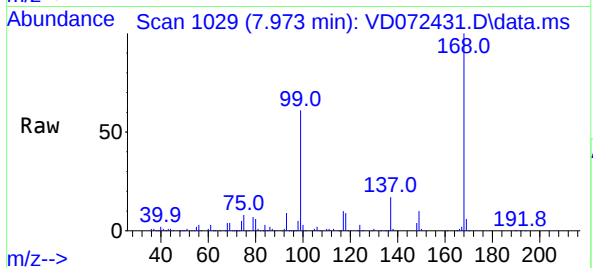




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

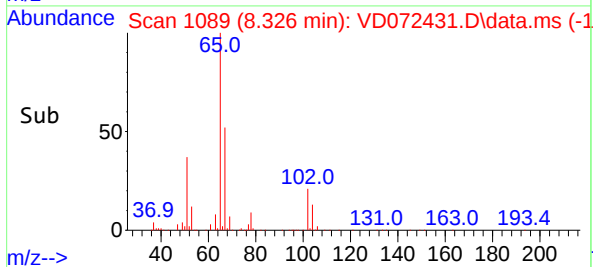
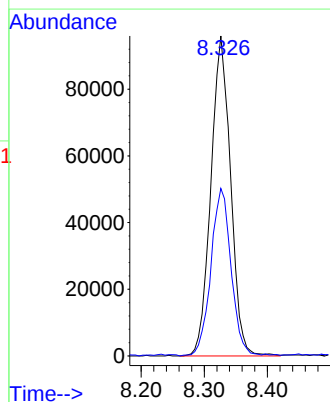
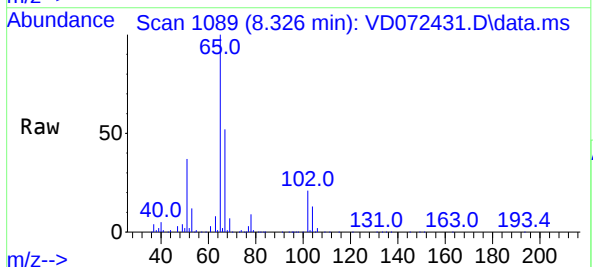
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

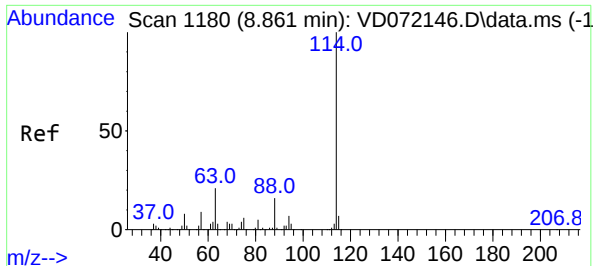
Tgt Ion:168 Resp: 496645
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 37.586 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

Tgt Ion: 65 Resp: 208034
Ion Ratio Lower Upper
65 100
67 53.6 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: VD072431.D

Acq: 25 Mar 2022 16:13

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

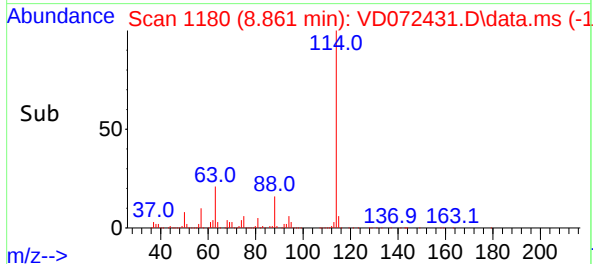
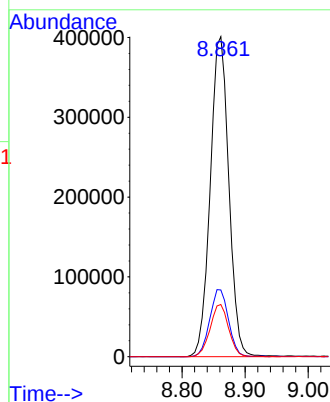
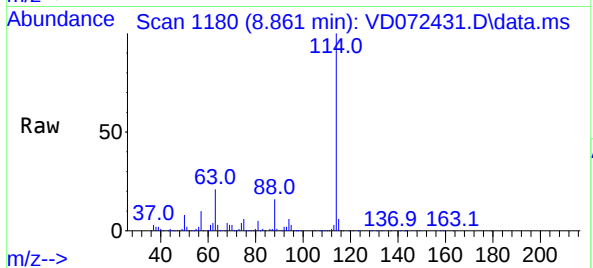
Tgt Ion:114 Resp: 818885

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 40.370 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072431.D

Acq: 25 Mar 2022 16:13

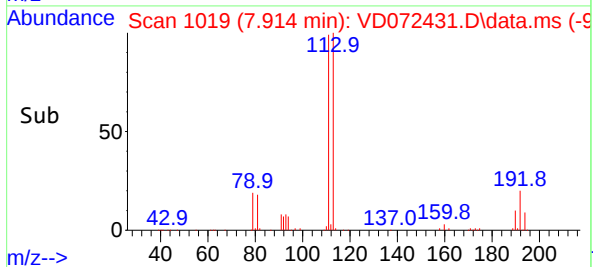
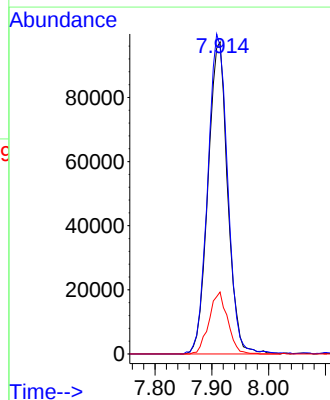
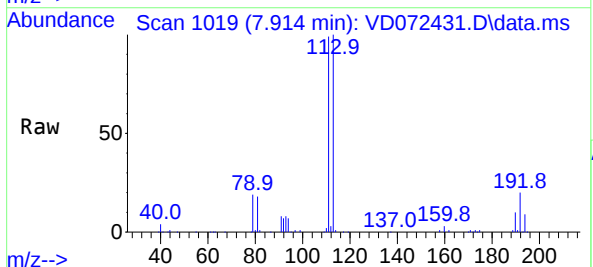
Tgt Ion:113 Resp: 232635

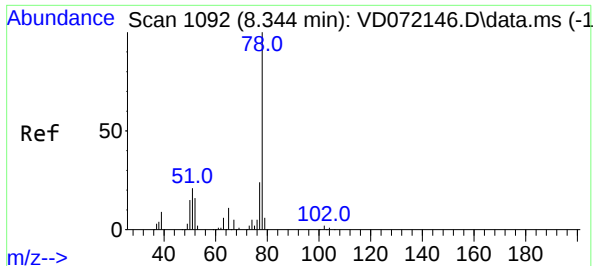
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 18.9 14.6 21.8

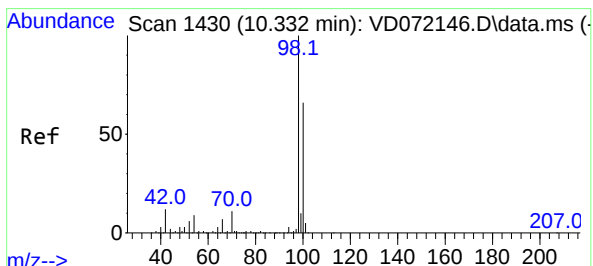
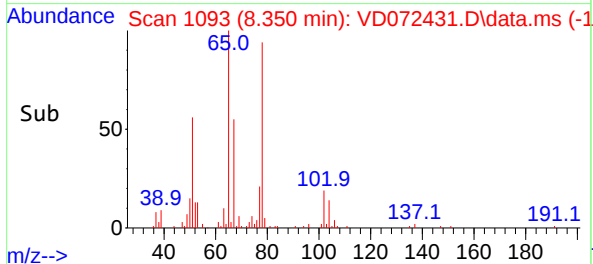
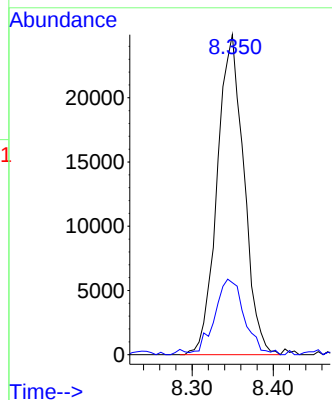
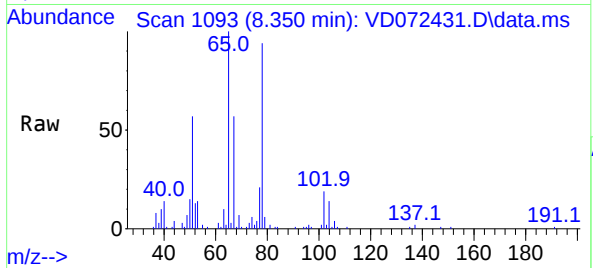




#40
Benzene
Concen: 2.472 ug/l
RT: 8.350 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

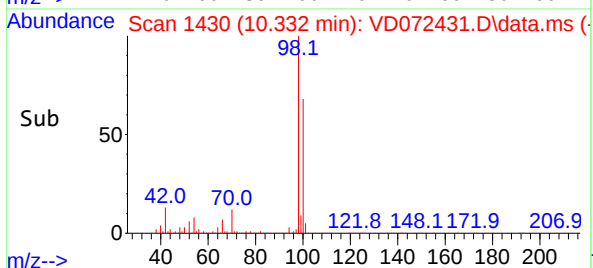
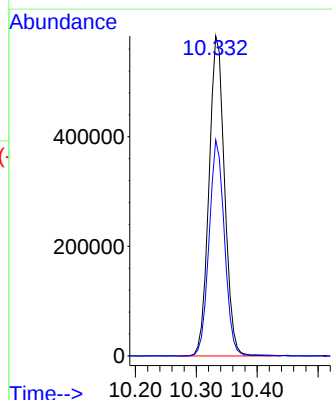
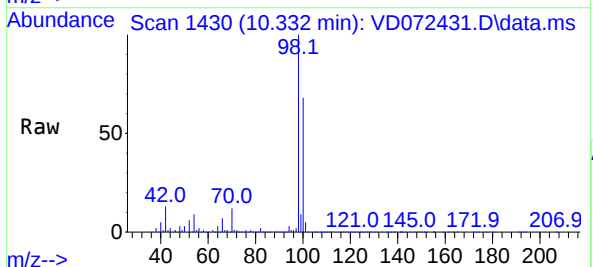
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 78 Resp: 57005
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7



#50
Toluene-d8
Concen: 49.298 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

Tgt Ion: 98 Resp: 1038761
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

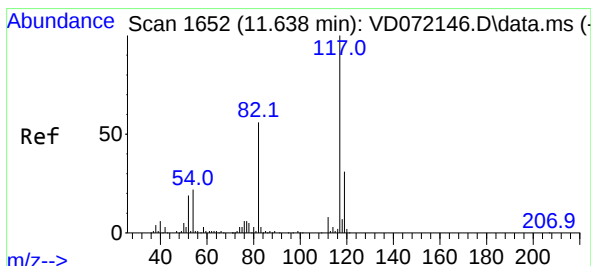
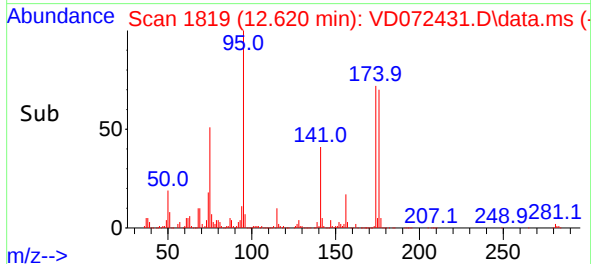
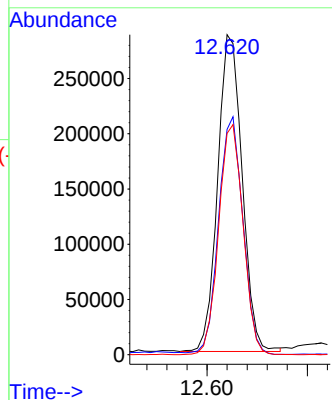
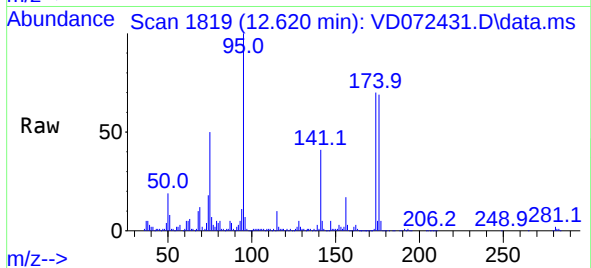




#62
4-Bromofluorobenzene
Concen: 59.291 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

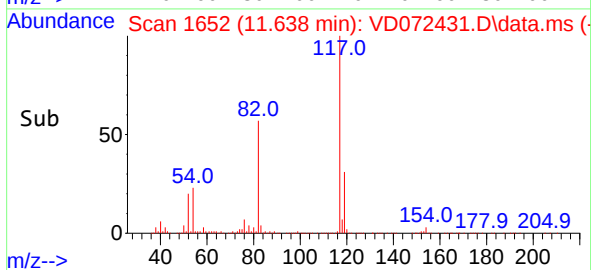
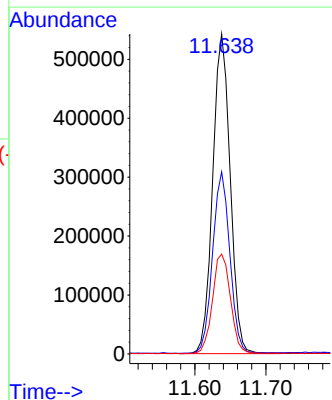
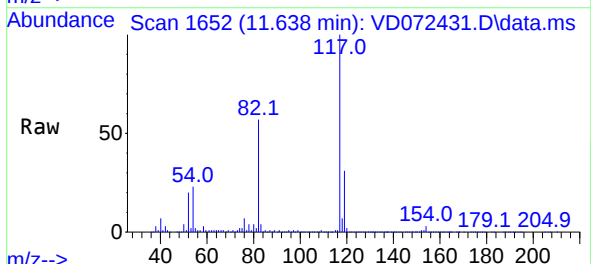
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

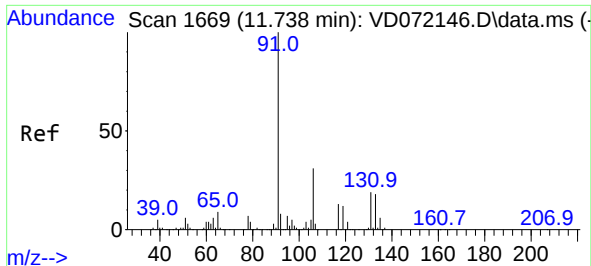
Tgt Ion: 95 Resp: 485425
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 72.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

Tgt Ion: 117 Resp: 925296
Ion Ratio Lower Upper
117 100
82 56.8 45.3 67.9
119 31.1 26.6 40.0

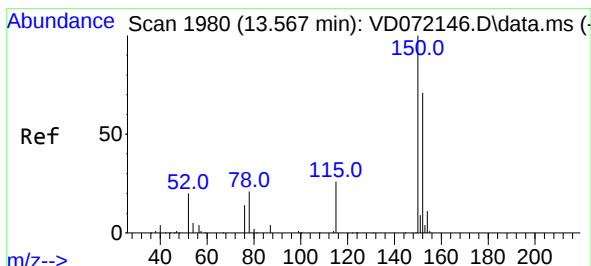
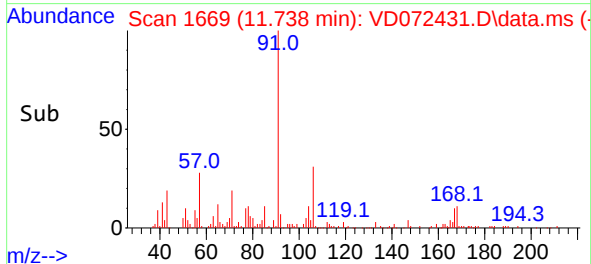
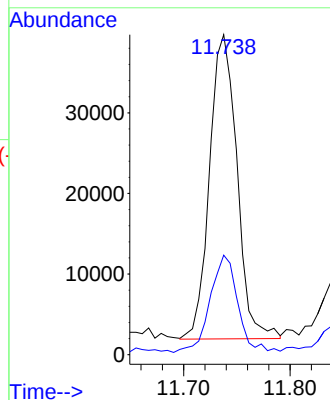
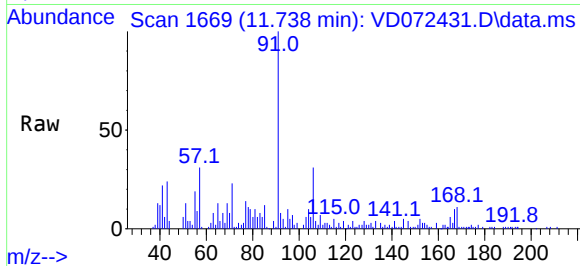




#67
Ethyl Benzene
Concen: 1.843 ug/l
RT: 11.738 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

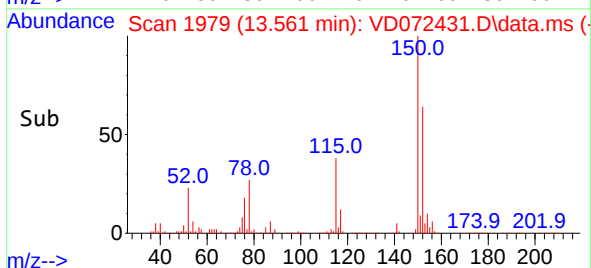
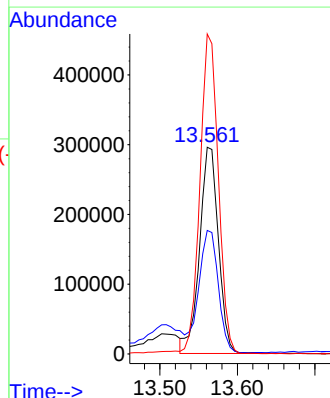
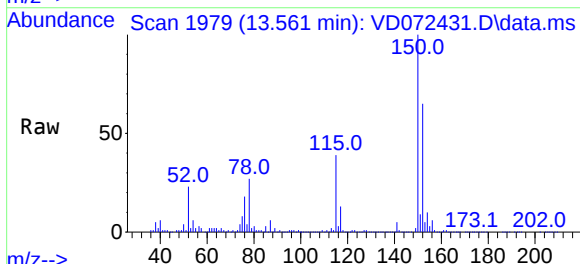
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

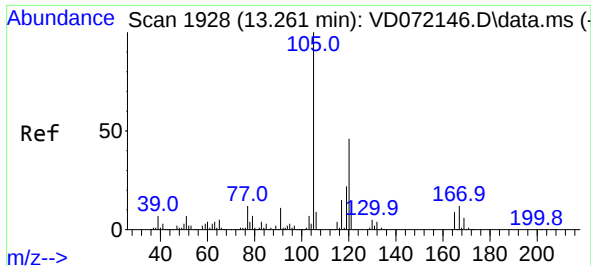
Tgt Ion: 91 Resp: 67519
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

Tgt Ion:152 Resp: 499409
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 153.0 0.0 348.6

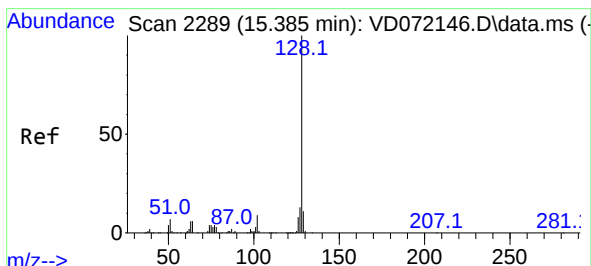
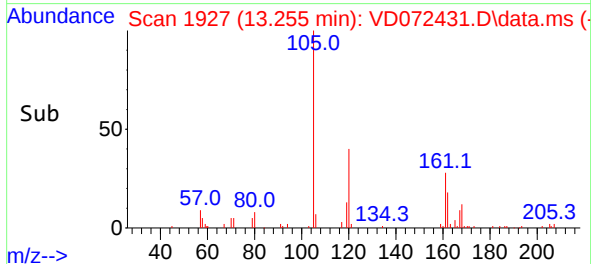
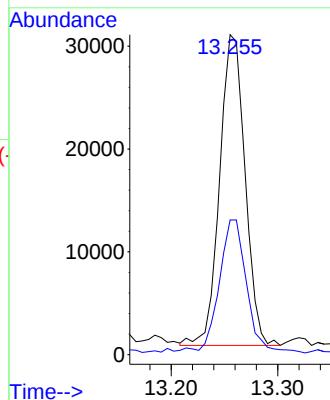
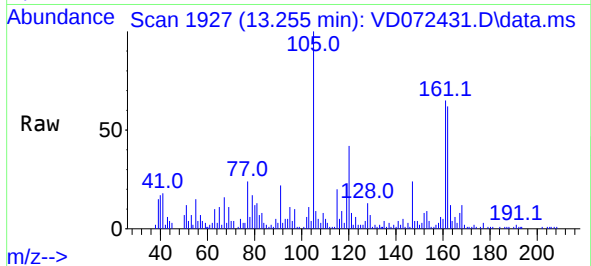




#84
1,2,4-Trimethylbenzene
Concen: 1.493 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 50025
Ion Ratio Lower Upper
105 100
120 46.5 22.3 66.8



#95
Naphthalene
Concen: 22.990 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072431.D
Acq: 25 Mar 2022 16:13

Tgt Ion:128 Resp: 427044
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.4 12.6

