

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120821\
 Data File : VD071215.D
 Acq On : 08 Dec 2021 19:41
 Operator : VA/SY
 Sample : M4964-02
 Misc : 5.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EAST-SIDEWALL

Quant Time: Dec 09 10:20:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

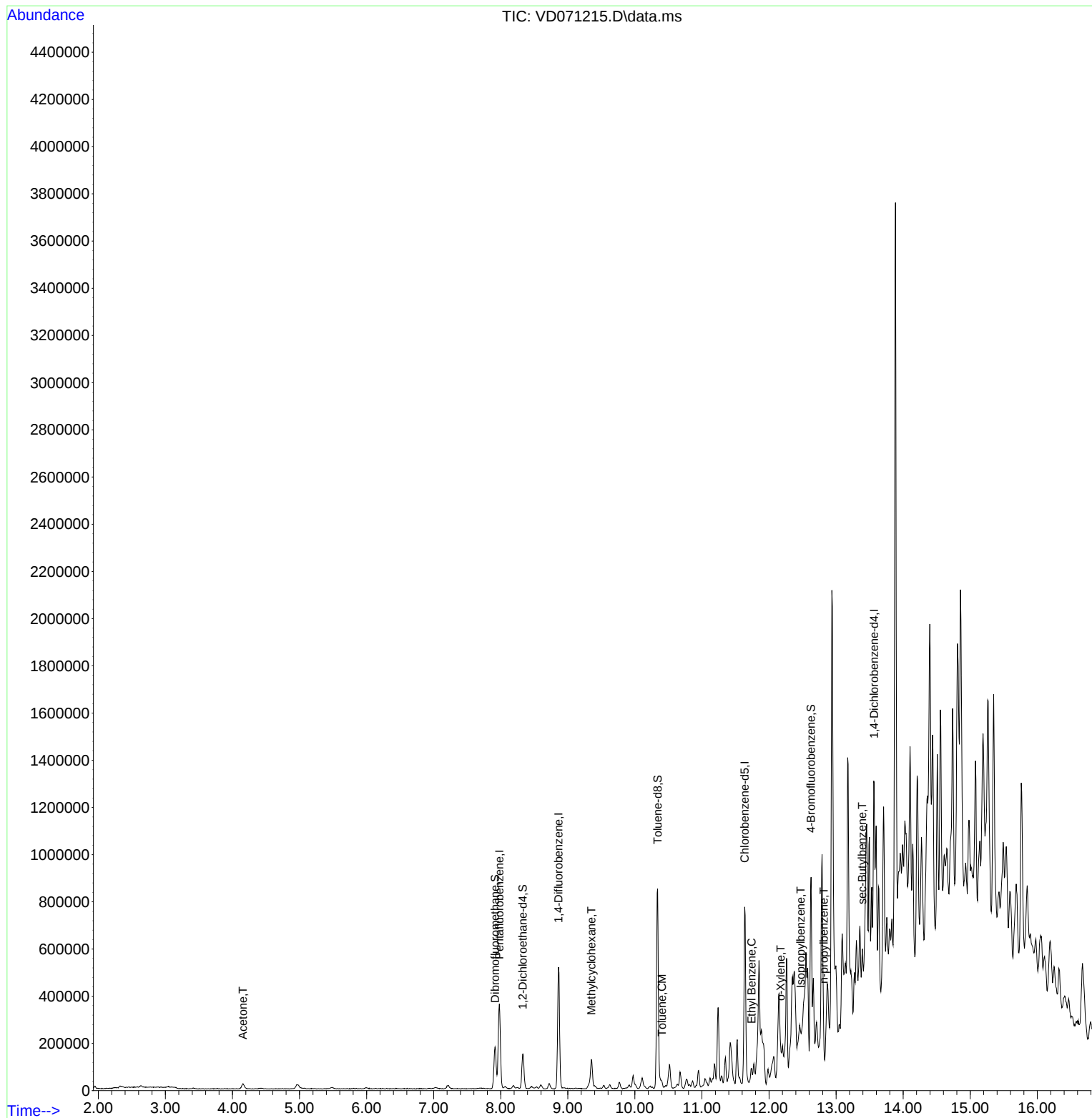
Internal Standards						
1) Pentafluorobenzene	7.979	168	237510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	409832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	400178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	130864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	118479	42.513	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.020%
35) Dibromofluoromethane	7.914	113	123554	47.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.680%
50) Toluene-d8	10.338	98	521338	52.493	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.626	95	184251	53.520	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.040%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	39920	78.095	ug/l #	86
39) Methylcyclohexane	9.350	83	46559	10.106	ug/l	94
52) Toluene	10.402	92	10458	1.584	ug/l	94
67) Ethyl Benzene	11.738	91	27544	1.971	ug/l	98
69) o-Xylene	12.173	106	8973	1.809	ug/l	63
73) Isopropylbenzene	12.473	105	32477	3.427	ug/l	98
78) n-propylbenzene	12.814	91	61014	5.171	ug/l	98
85) sec-Butylbenzene	13.391	105	52430	5.115	ug/l	82

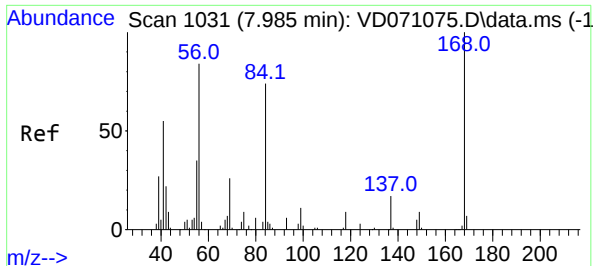
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

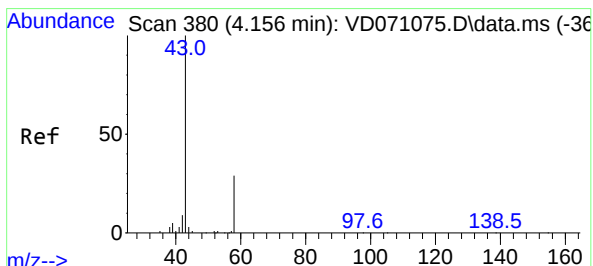
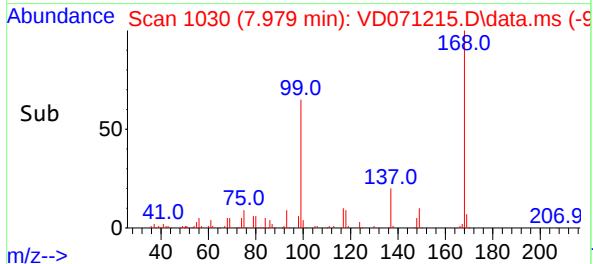
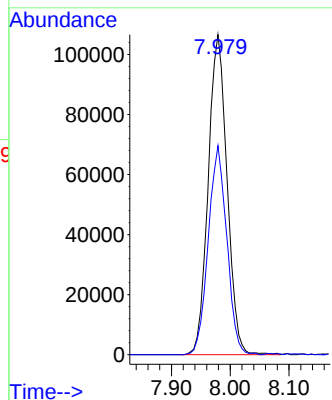
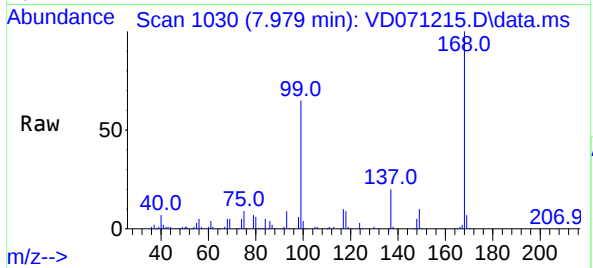




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

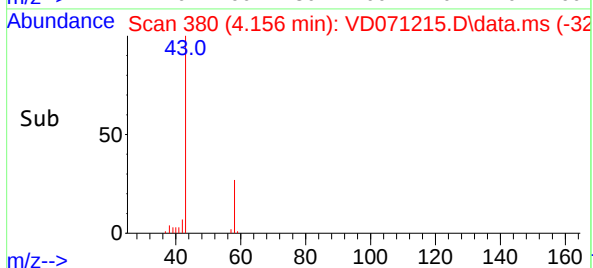
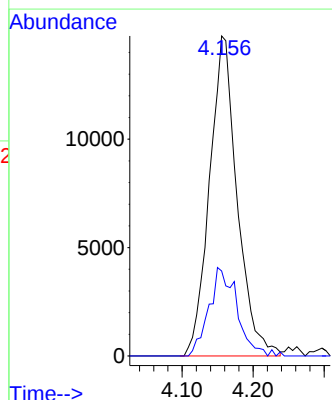
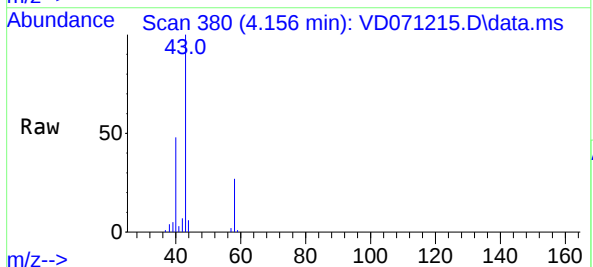
Instrument :
MSVOA_D
ClientSampleId :
EAST-SIDEWALL

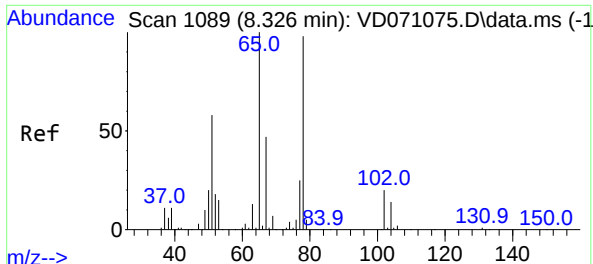
Tgt Ion:168 Resp: 237510
Ion Ratio Lower Upper
168 100
99 65.3 46.6 69.8



#16
Acetone
Concen: 78.095 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

Tgt Ion: 43 Resp: 39920
Ion Ratio Lower Upper
43 100
58 26.6 27.8 41.8#





#33

1,2-Dichloroethane-d4

Concen: 42.513 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071215.D

Acq: 08 Dec 2021 19:41

Instrument :

MSVOA_D

ClientSampleId :

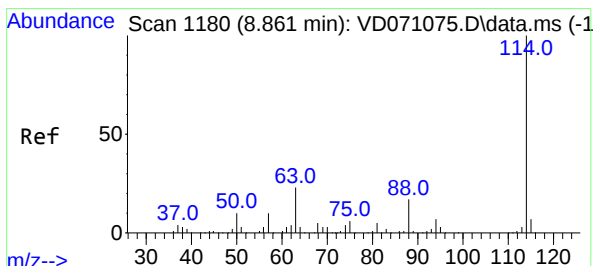
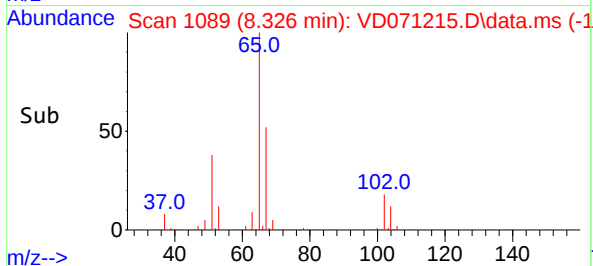
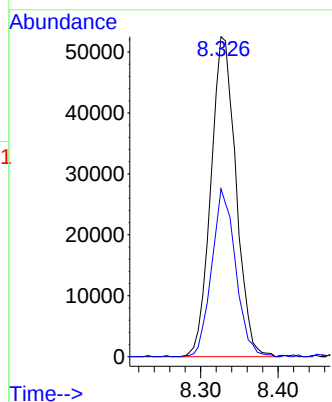
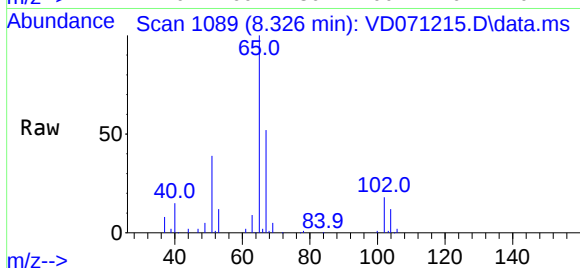
EAST-SIDEWALL

Tgt Ion: 65 Resp: 118479

Ion Ratio Lower Upper

65 100

67 49.9 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071215.D

Acq: 08 Dec 2021 19:41

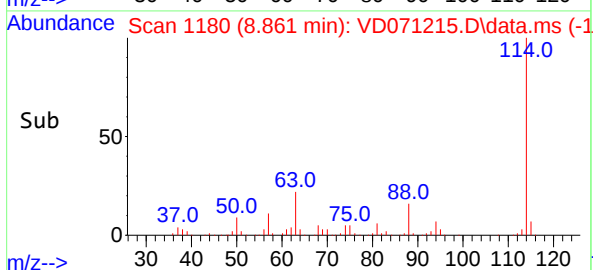
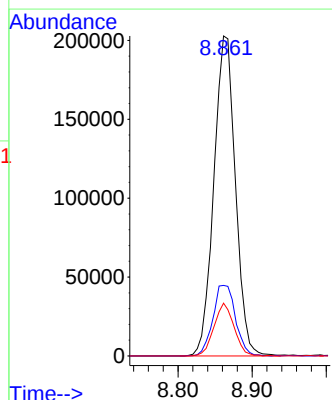
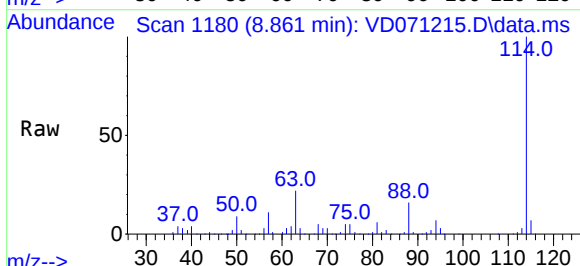
Tgt Ion: 114 Resp: 409832

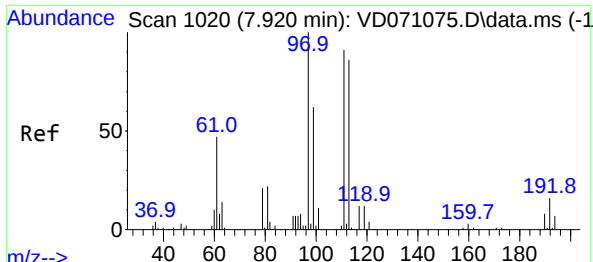
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

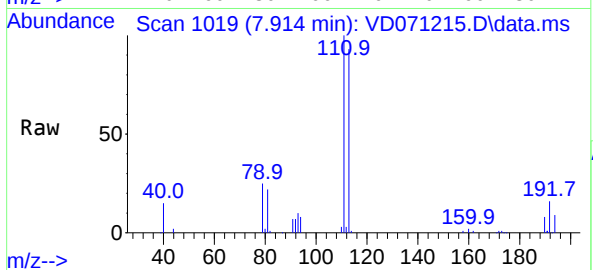
88 16.5 0.0 32.8





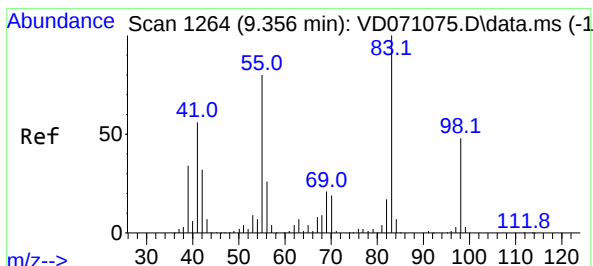
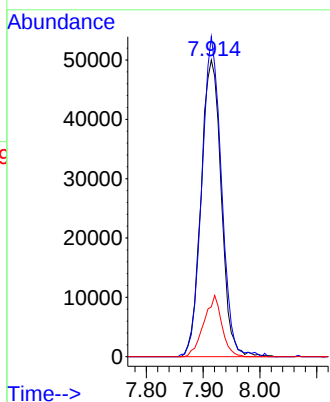
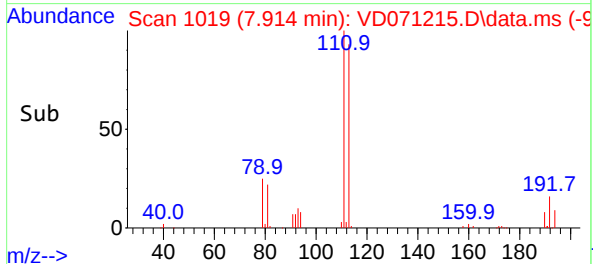
#35
Dibromofluoromethane
Concen: 47.343 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

Instrument :
MSVOA_D
ClientSampleId :
EAST-SIDEWALL

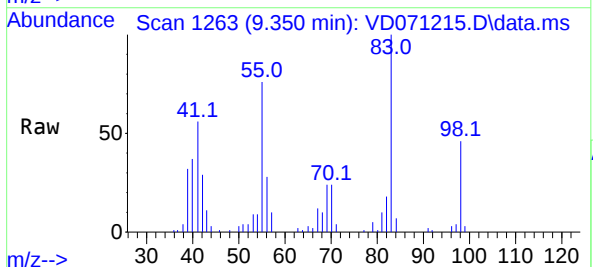


Tgt Ion:113 Resp: 123554

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.0	123.0
192	18.3	15.2	22.8

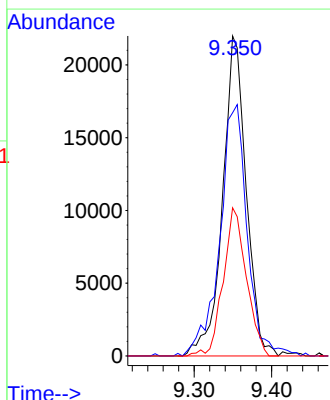
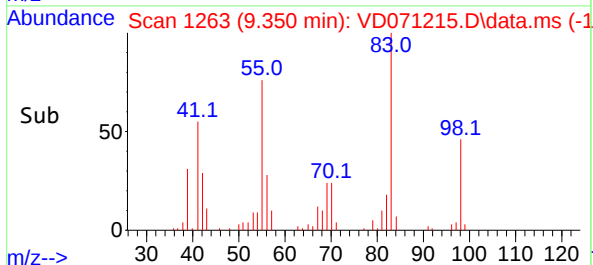


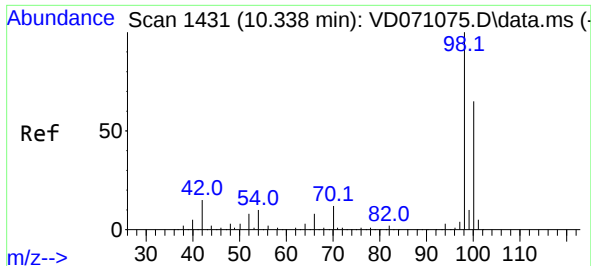
#39
Methylcyclohexane
Concen: 10.106 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41



Tgt Ion: 83 Resp: 46559

Ion	Ratio	Lower	Upper
83	100		
55	75.2	65.8	98.8
98	46.3	38.7	58.1

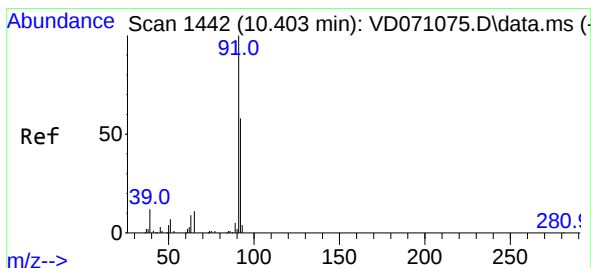
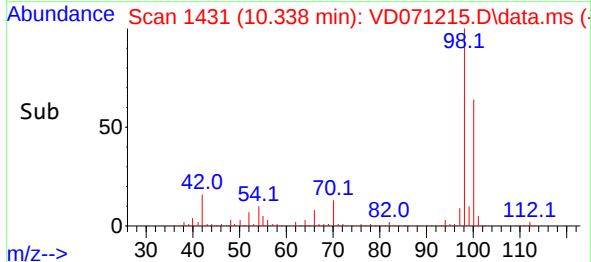
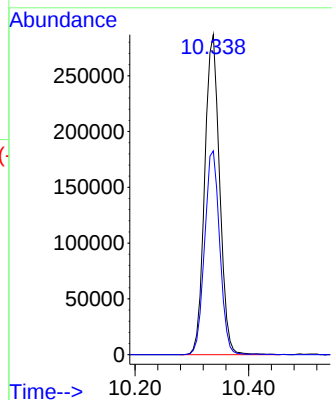
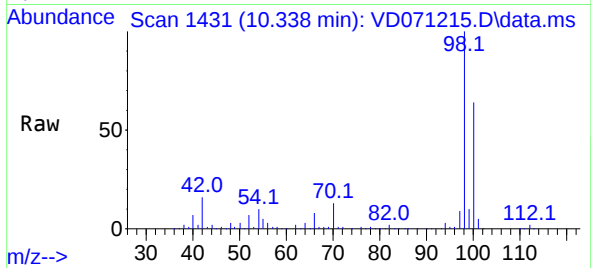




#50
Toluene-d8
Concen: 52.493 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

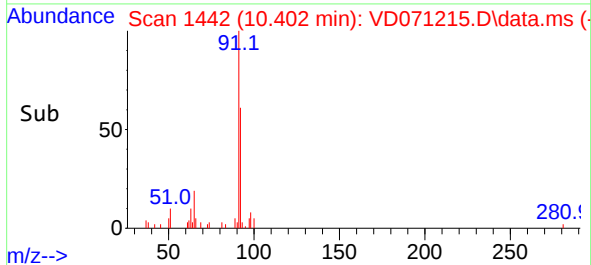
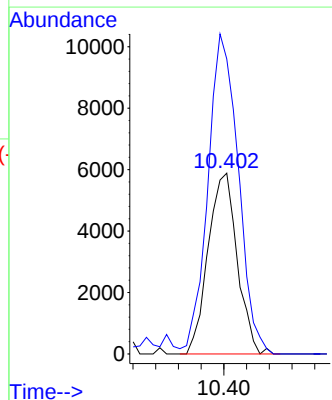
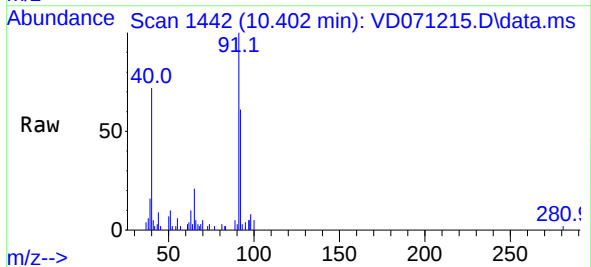
Instrument :
MSVOA_D
ClientSampleId :
EAST-SIDEWALL

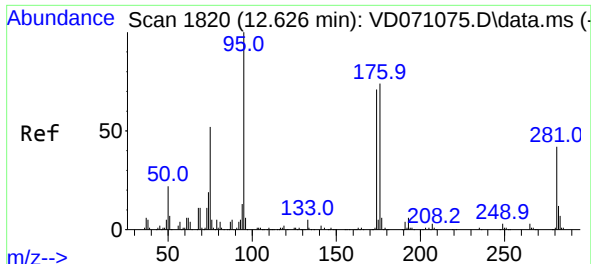
Tgt Ion: 98 Resp: 521338
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#52
Toluene
Concen: 1.584 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.001 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

Tgt Ion: 92 Resp: 10458
Ion Ratio Lower Upper
92 100
91 185.0 140.7 211.1

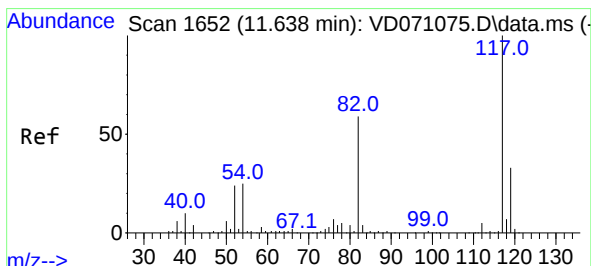
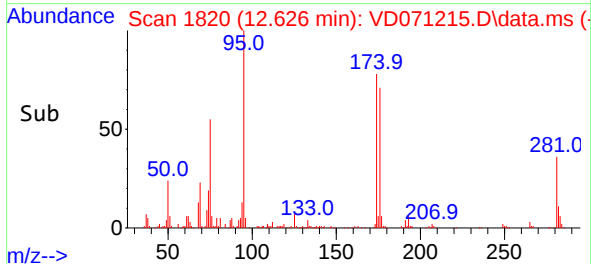
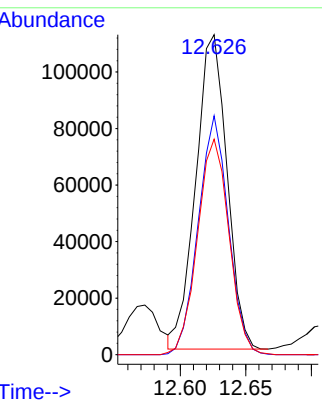
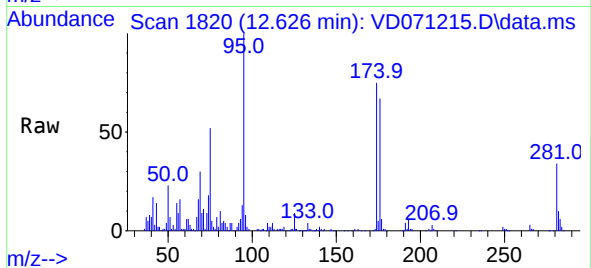




#62
4-Bromofluorobenzene
Concen: 53.520 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

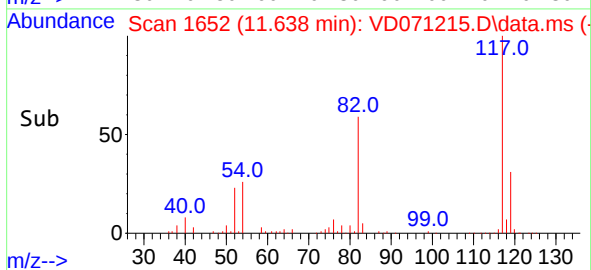
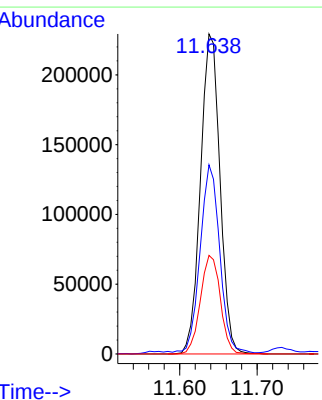
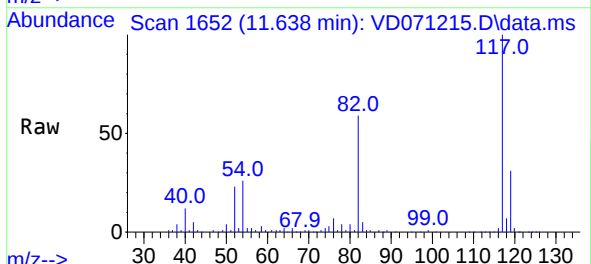
Instrument :
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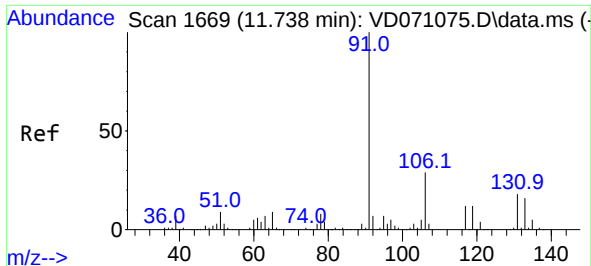
Tgt Ion: 95 Resp: 184251
Ion Ratio Lower Upper
95 100
174 73.3 0.0 159.4
176 69.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

Tgt Ion: 117 Resp: 400178
Ion Ratio Lower Upper
117 100
82 58.3 44.7 67.1
119 30.8 26.2 39.4

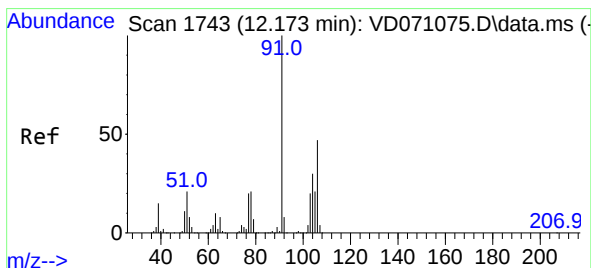
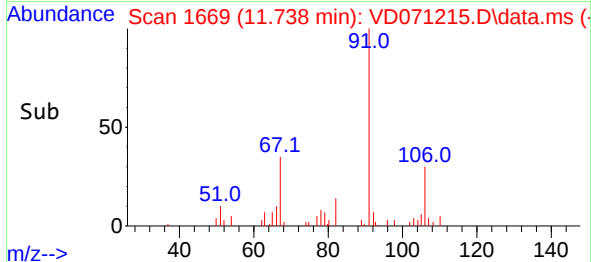
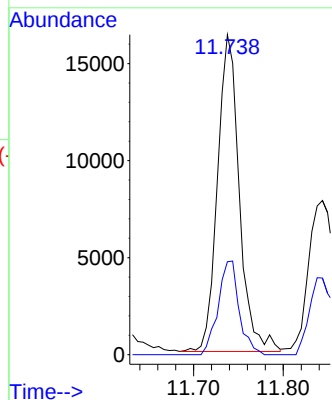
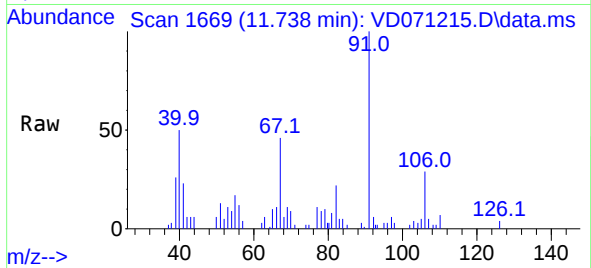




#67
Ethyl Benzene
Concen: 1.971 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

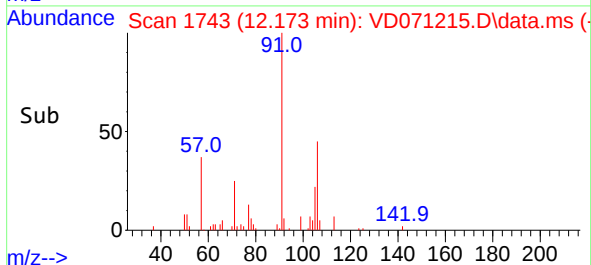
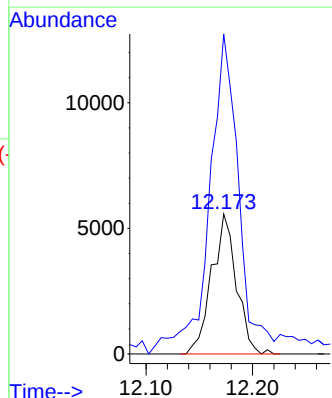
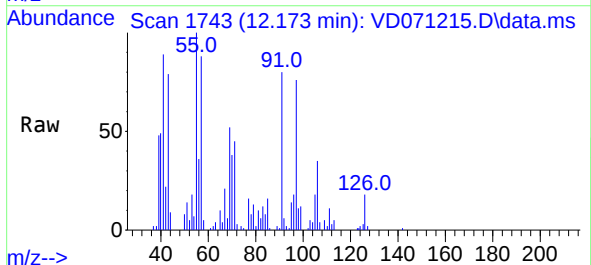
Instrument :
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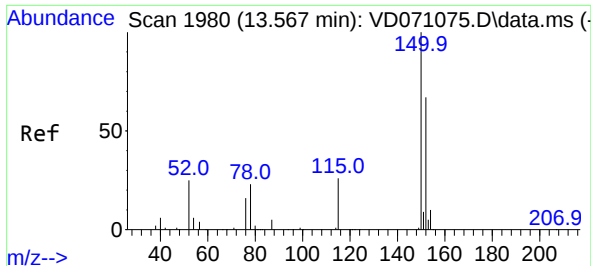
Tgt Ion: 91 Resp: 27544
Ion Ratio Lower Upper
91 100
106 29.4 24.6 36.8



#69
o-Xylene
Concen: 1.809 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

Tgt Ion: 106 Resp: 8973
Ion Ratio Lower Upper
106 100
91 270.7 106.3 319.0

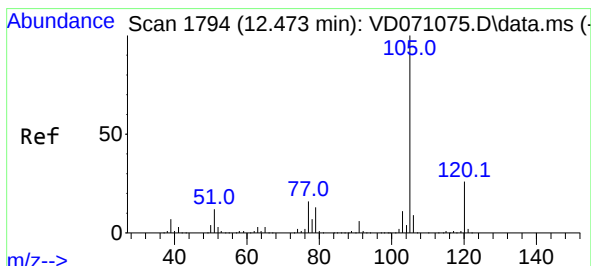
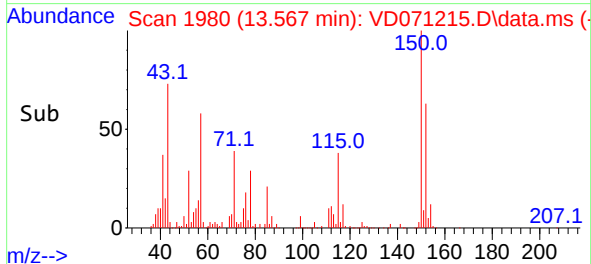
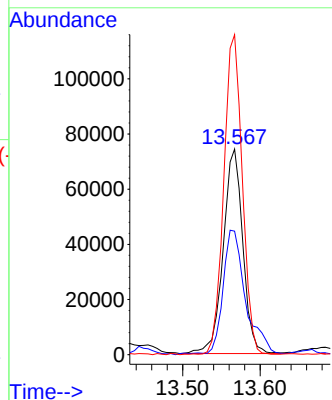
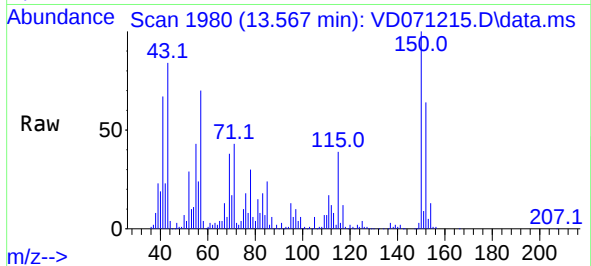




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

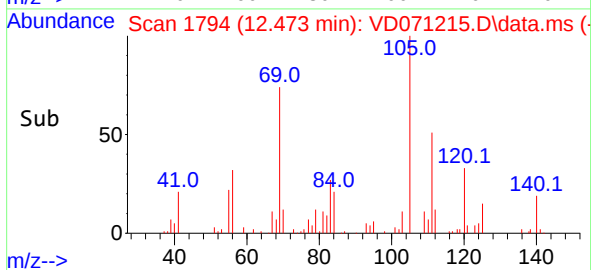
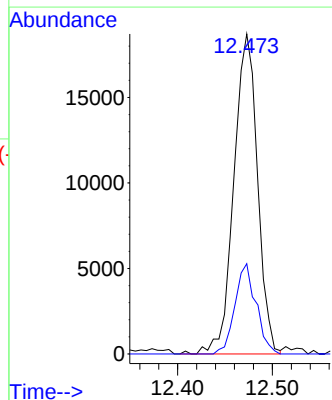
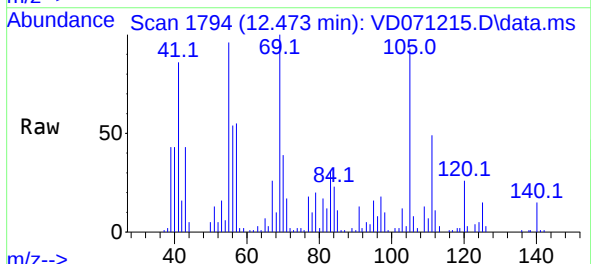
Instrument :
MSVOA_D
ClientSampleId :
EAST-SIDEWALL

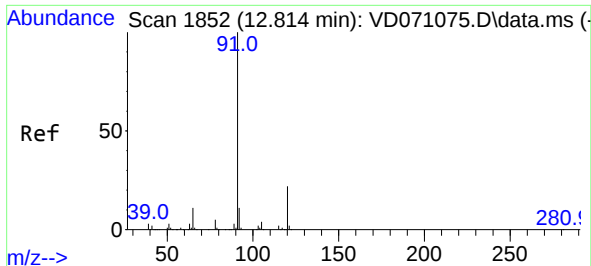
Tgt Ion:152 Resp: 130864
Ion Ratio Lower Upper
152 100
115 68.7 29.8 89.3
150 147.9 0.0 349.2



#73
Isopropylbenzene
Concen: 3.427 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

Tgt Ion:105 Resp: 32477
Ion Ratio Lower Upper
105 100
120 25.2 13.2 39.5

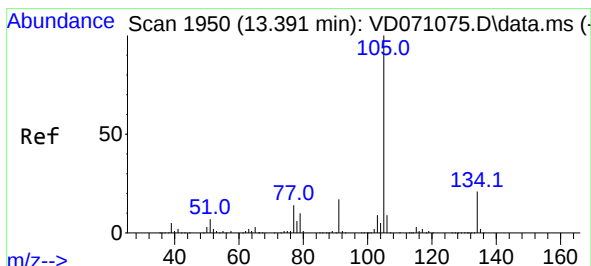
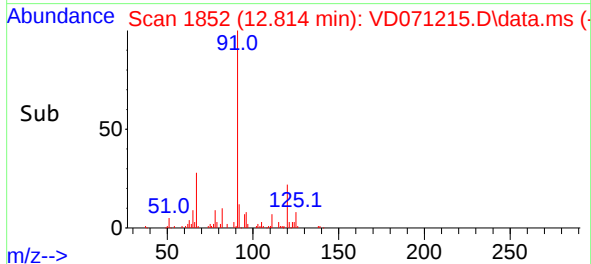
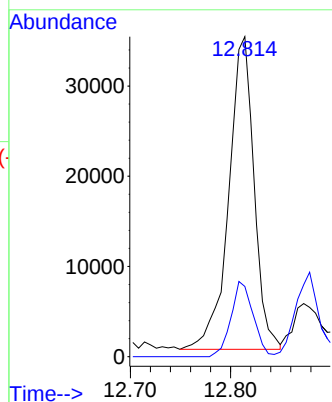
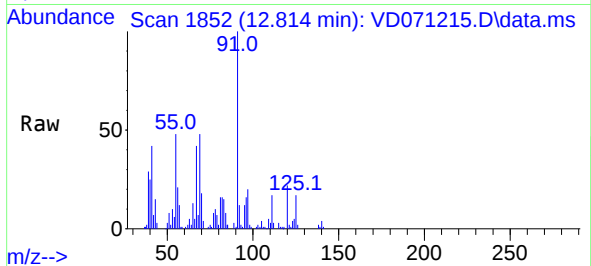




#78
n-propylbenzene
Concen: 5.171 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

Instrument :
MSVOA_D
ClientSampleId :
EAST-SIDEWALL

Tgt Ion: 91 Resp: 61014
Ion Ratio Lower Upper
91 100
120 21.1 10.9 32.9



#85
sec-Butylbenzene
Concen: 5.115 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD071215.D
Acq: 08 Dec 2021 19:41

Tgt Ion: 105 Resp: 52430
Ion Ratio Lower Upper
105 100
134 27.6 9.7 28.9

