

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070328.D
 Acq On : 13 Sep 2021 15:58
 Operator : VA/SY
 Sample : M3694-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1RE

Quant Time: Sep 14 00:54:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

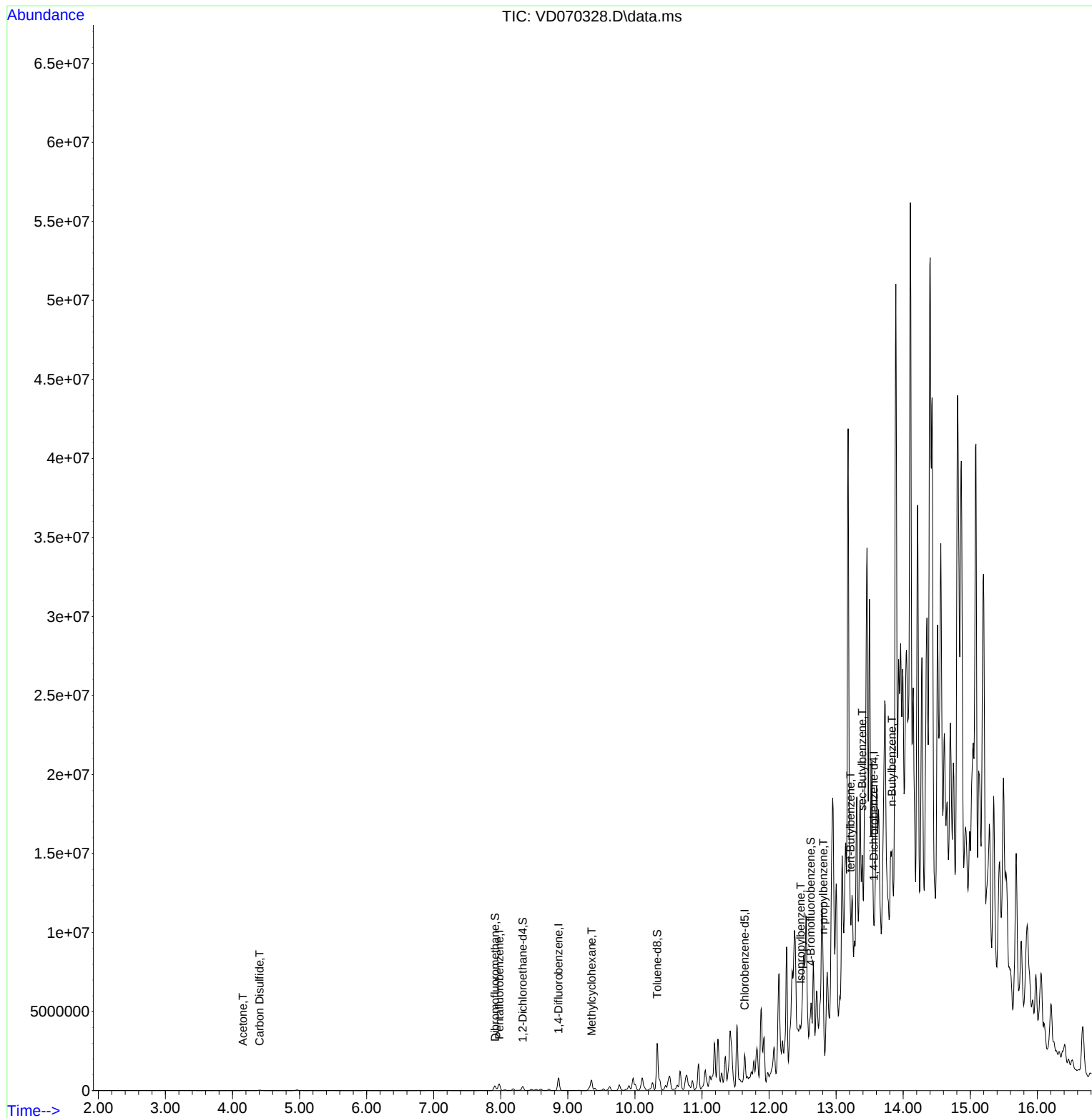
Internal Standards						
1) Pentafluorobenzene	7.979	168	269747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	648652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	771330	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	541228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202863	58.570	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.140%			
35) Dibromofluoromethane	7.914	113	215698	46.716	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.440%			
50) Toluene-d8	10.332	98	1046590	62.431	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 124.860%			
62) 4-Bromofluorobenzene	12.620	95	680388	116.132	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 232.260%#			
Target Compounds						
16) Acetone	4.156	43	21926	35.457	ug/l #	84
17) Carbon Disulfide	4.403	76	72282	6.238	ug/l	98
39) Methylcyclohexane	9.355	83	250168	32.299	ug/l	96
73) Isopropylbenzene	12.473	105	180193	4.747	ug/l	100
78) n-propylbenzene	12.808	91	1250698	25.388	ug/l	97
83) tert-Butylbenzene	13.214	119	123735	4.710	ug/l #	60
85) sec-Butylbenzene	13.390	105	1056478	25.298	ug/l #	69
89) n-Butylbenzene	13.832	91	2405005	71.891	ug/l #	76

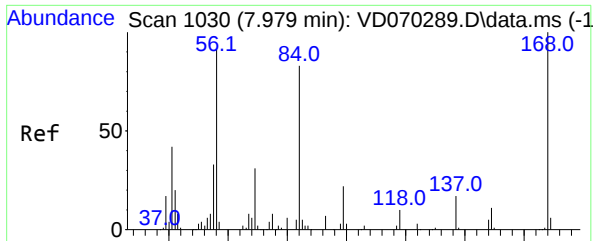
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

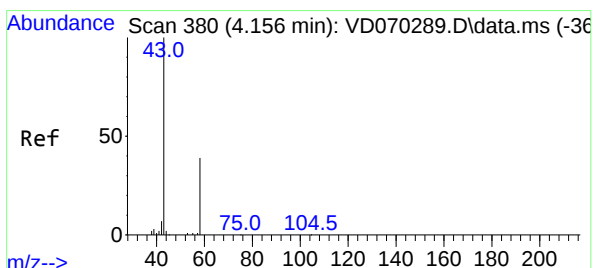
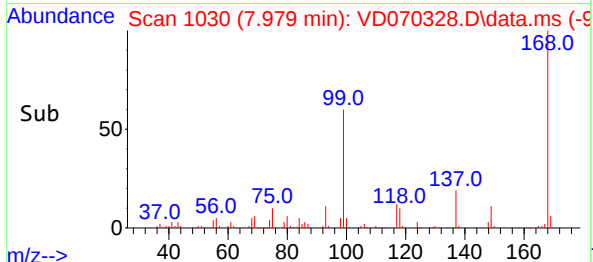
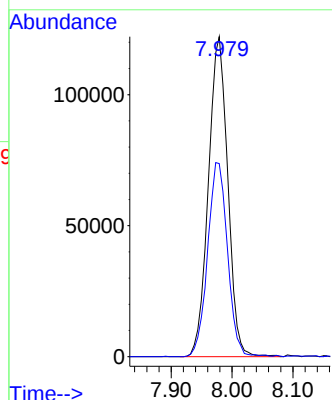
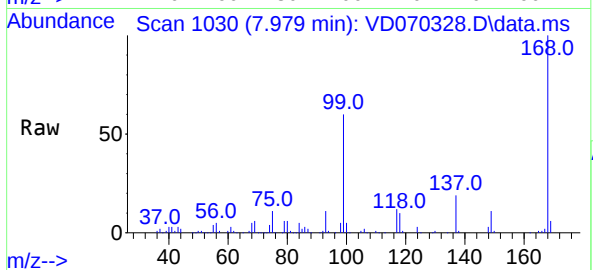




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

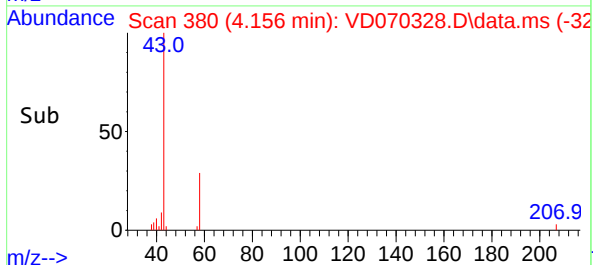
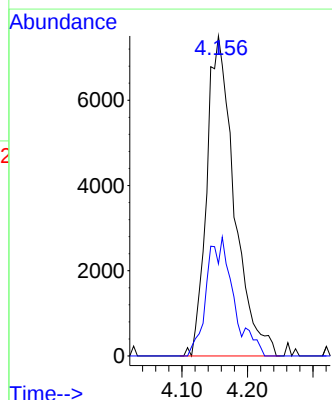
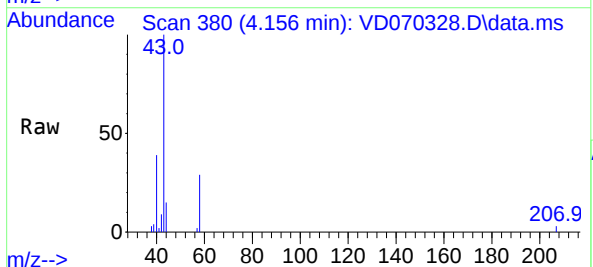
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

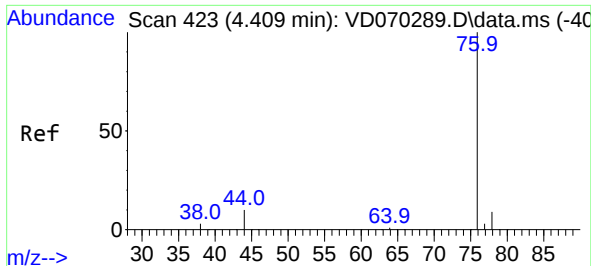
Tgt Ion:168 Resp: 269747
Ion Ratio Lower Upper
168 100
99 60.4 50.8 76.2



#16
Acetone
Concen: 35.457 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Tgt Ion: 43 Resp: 21926
Ion Ratio Lower Upper
43 100
58 28.8 30.9 46.3#

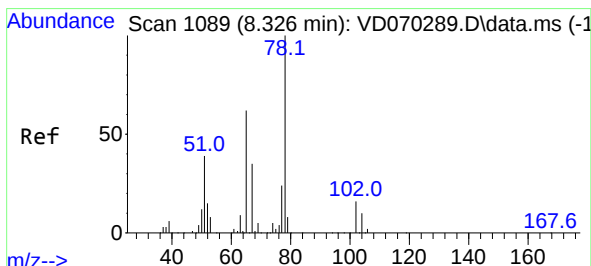
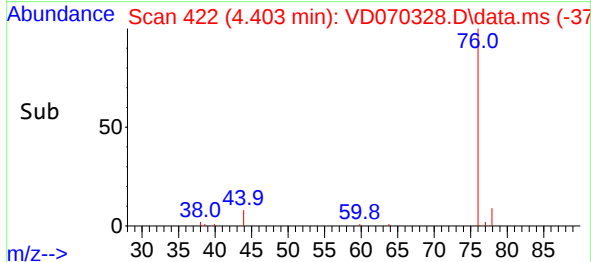
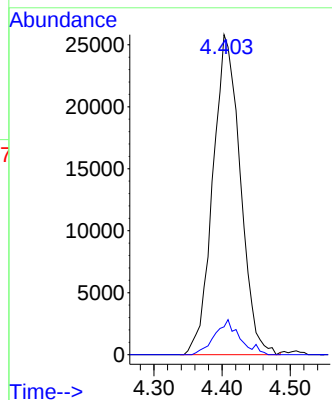
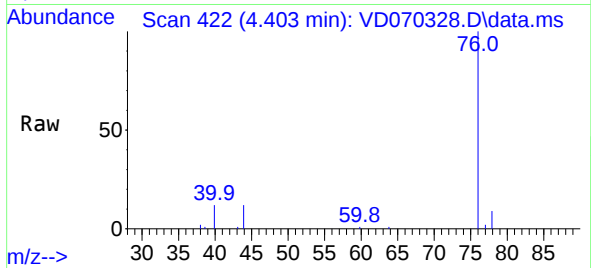




#17
Carbon Disulfide
Concen: 6.238 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

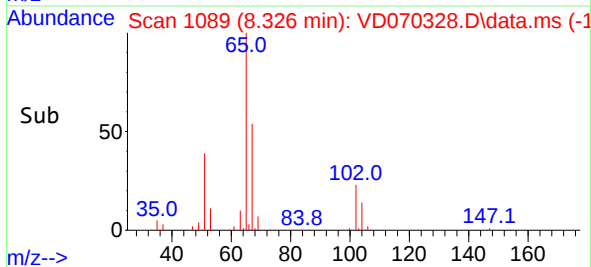
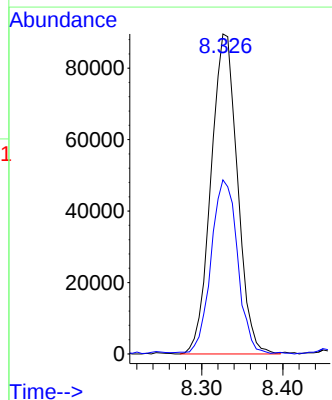
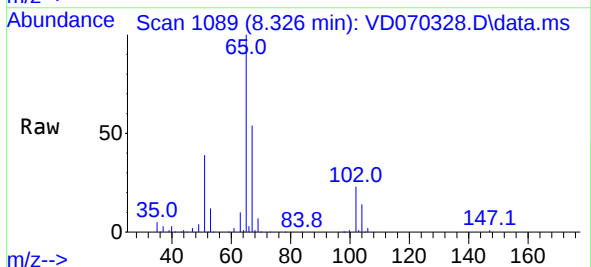
Instrument :
MSVOA_D
ClientSampled :
S-1RE

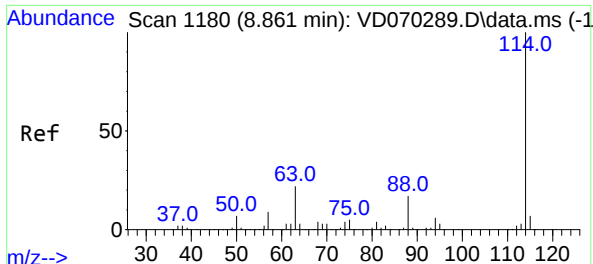
Tgt Ion: 76 Resp: 72282
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 58.570 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Tgt Ion: 65 Resp: 202863
Ion Ratio Lower Upper
65 100
67 53.4 0.0 111.4



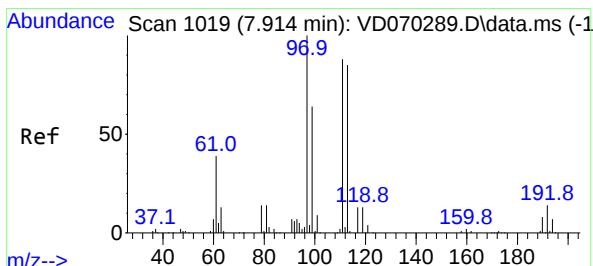
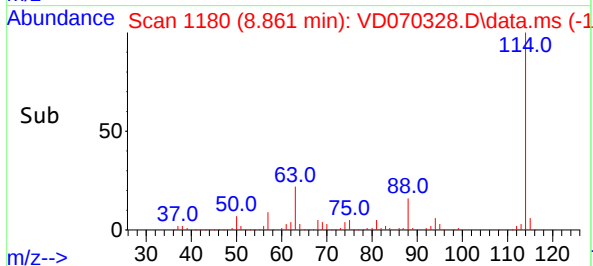
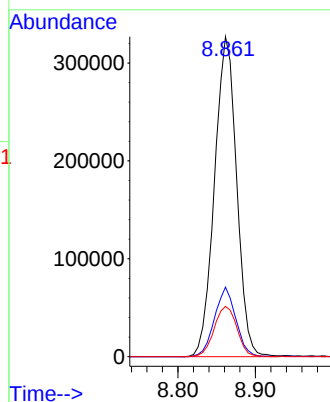
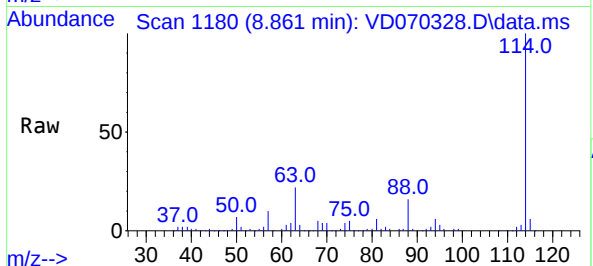


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Instrument :
MSVOA_D
ClientSampled :
S-1RE

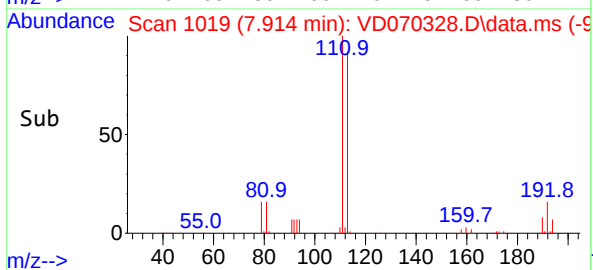
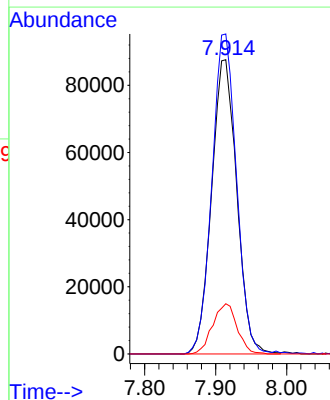
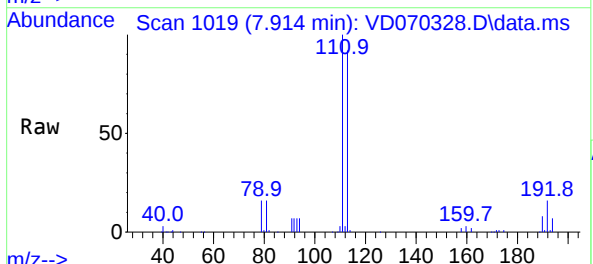
Tgt Ion:114 Resp: 648652
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 15.7 0.0 33.4

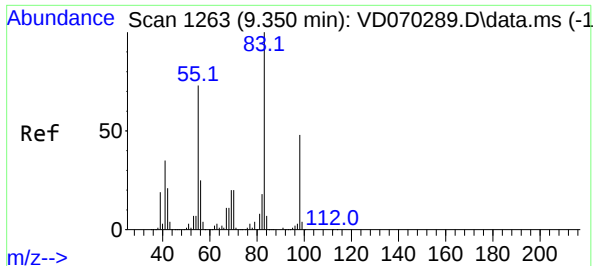


#35

Dibromofluoromethane
Concen: 46.716 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Tgt Ion:113 Resp: 215698
Ion Ratio Lower Upper
113 100
111 105.7 81.4 122.2
192 16.6 13.0 19.6





#39

Methylcyclohexane

Concen: 32.299 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. 0.006 min

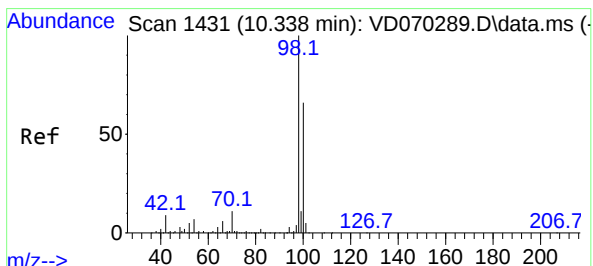
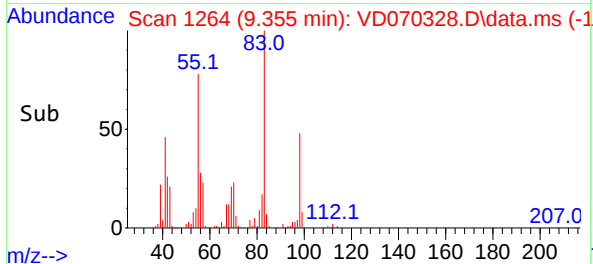
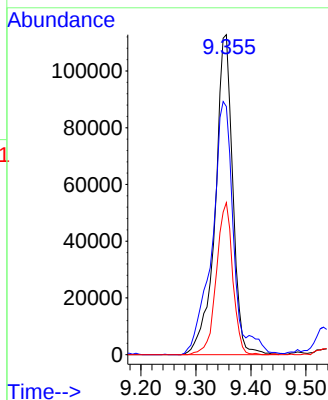
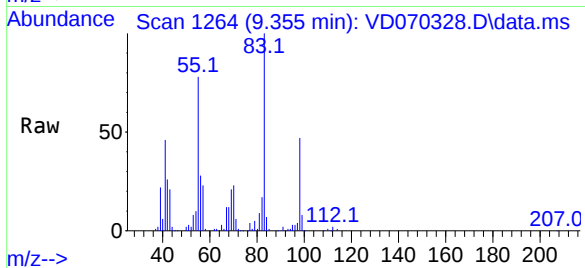
Lab File: VD070328.D

Acq: 13 Sep 2021 15:58

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MSVOA_D
ClientSampleId :
S-1RE

Tgt Ion: 83 Resp: 250168

Ion	Ratio	Lower	Upper
83	100		
55	77.6	58.5	87.7
98	47.5	38.4	57.6



#50

Toluene-d8

Concen: 62.431 ug/l

RT: 10.332 min Scan# 1430

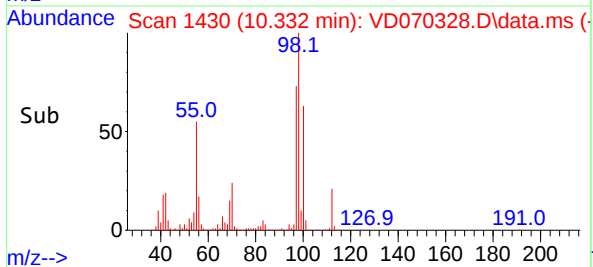
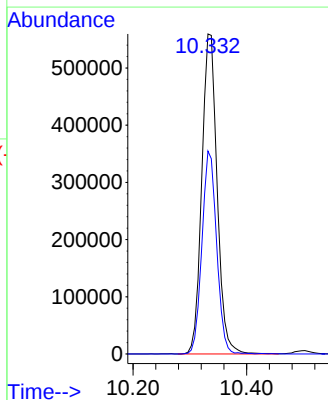
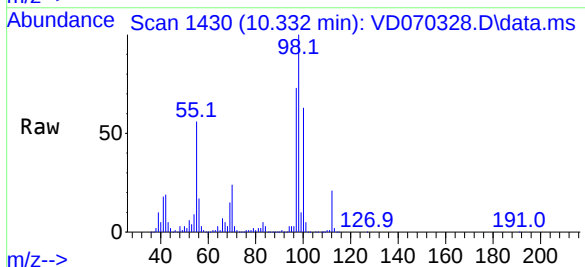
Delta R.T. -0.006 min

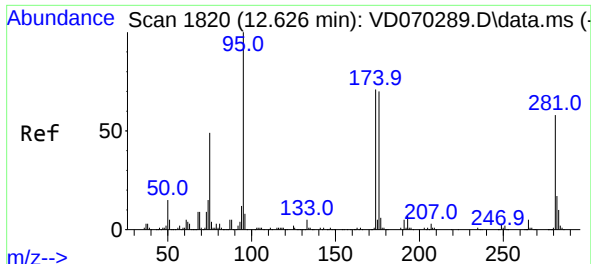
Lab File: VD070328.D

Acq: 13 Sep 2021 15:58

Tgt Ion: 98 Resp: 1046590

Ion	Ratio	Lower	Upper
98	100		
100	60.6	52.0	78.0

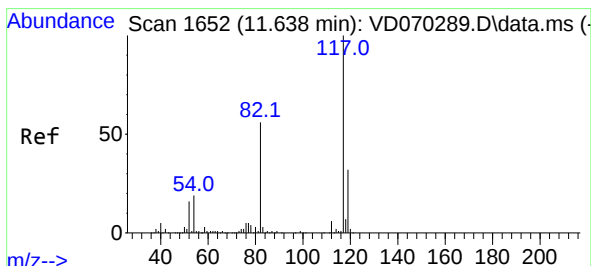
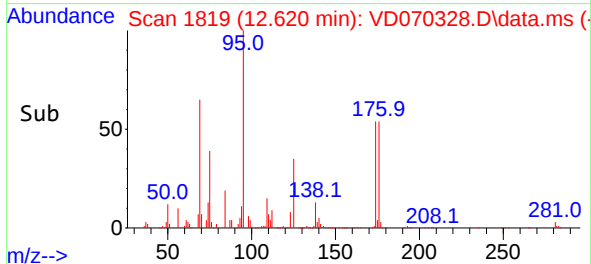
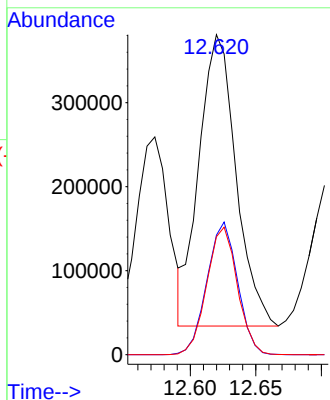
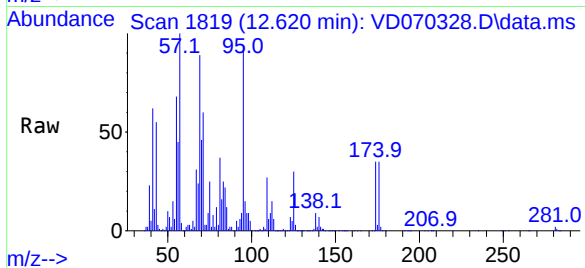




#62
4-Bromofluorobenzene
Concen: 116.132 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

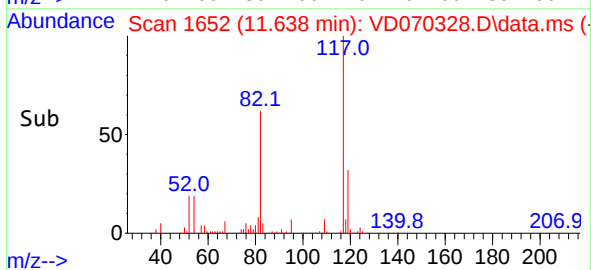
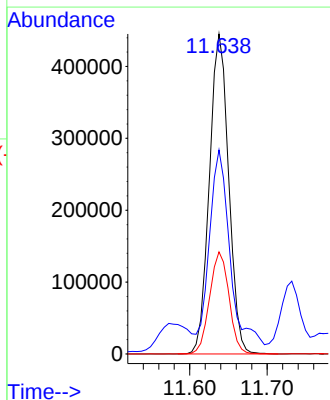
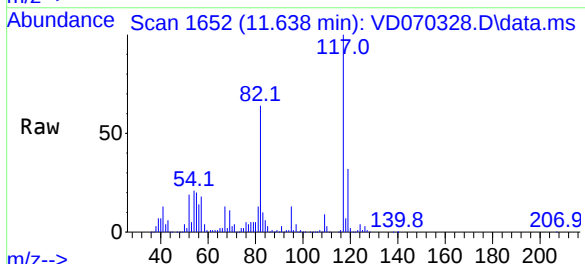
Instrument :
MSVOA_D
ClientSampled :
S-1RE

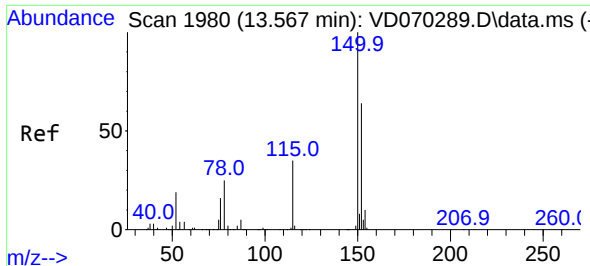
Tgt Ion: 95 Resp: 680388
Ion Ratio Lower Upper
95 100
174 37.7 0.0 140.6
176 36.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Tgt Ion: 117 Resp: 771330
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.9 25.2 37.8

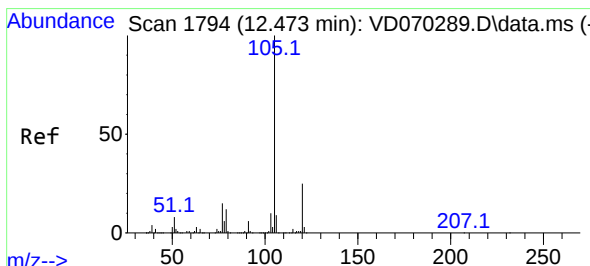
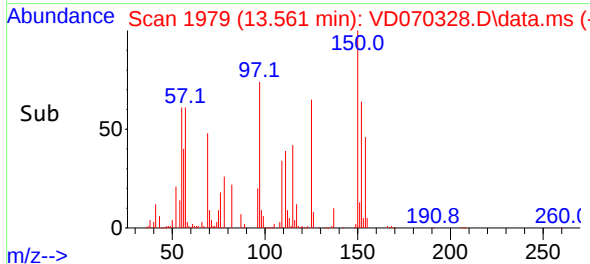
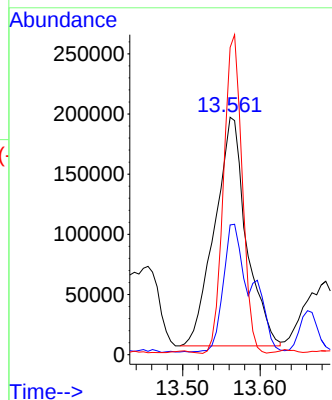
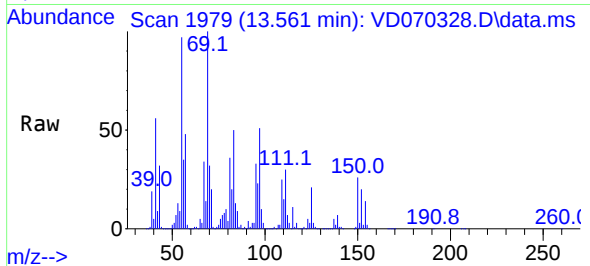




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

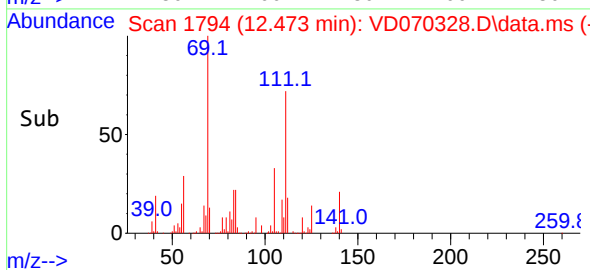
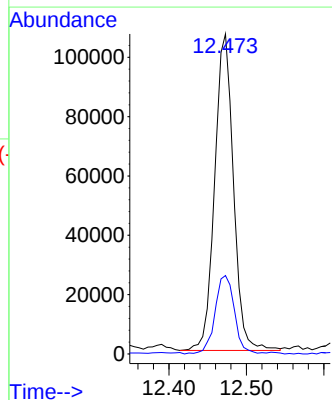
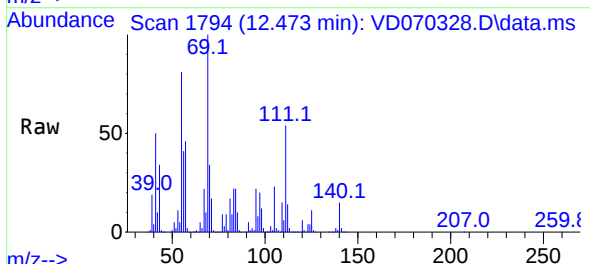
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

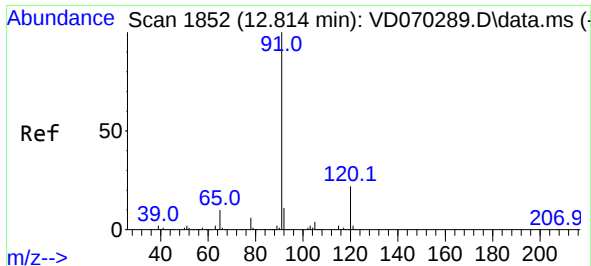
Tgt Ion:152 Resp: 541228
Ion Ratio Lower Upper
152 100
115 35.6 32.1 96.3
150 81.7 0.0 350.6



#73
Isopropylbenzene
Concen: 4.747 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Tgt Ion:105 Resp: 180193
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9

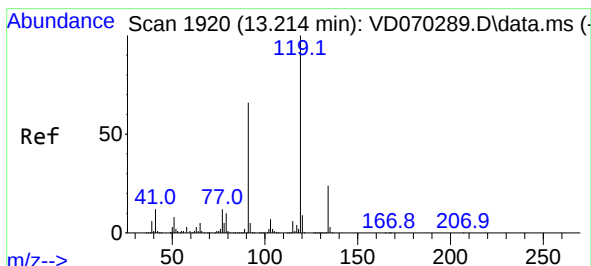
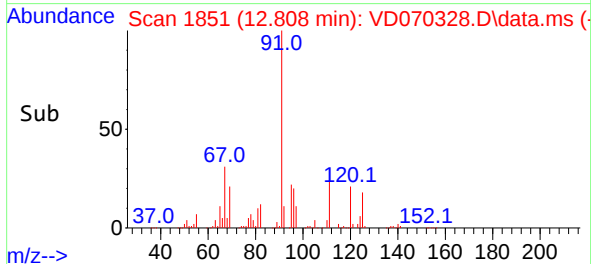
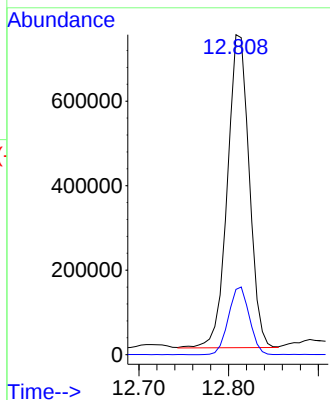
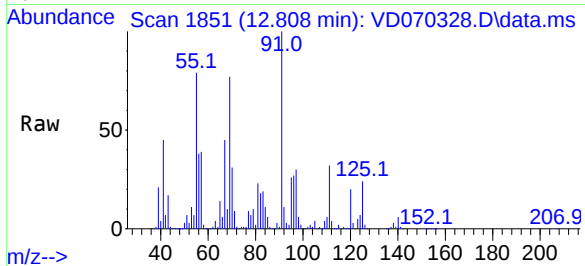




#78
n-propylbenzene
Concen: 25.388 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

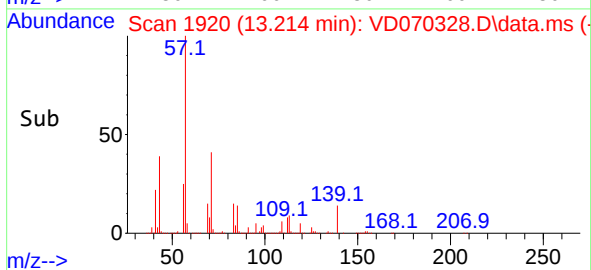
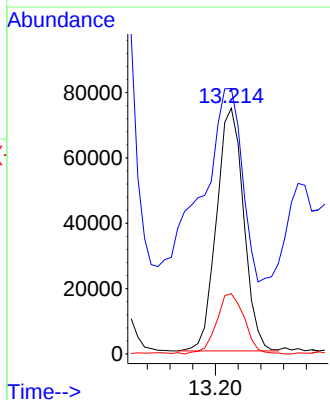
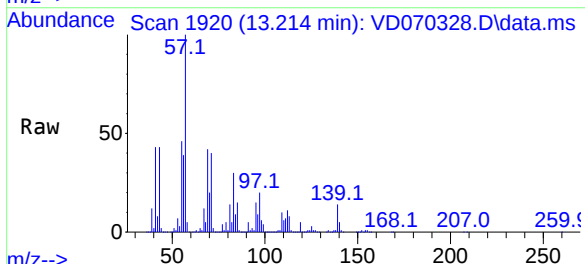
Instrument :
MSVOA_D
ClientSampleId :
S-1RE

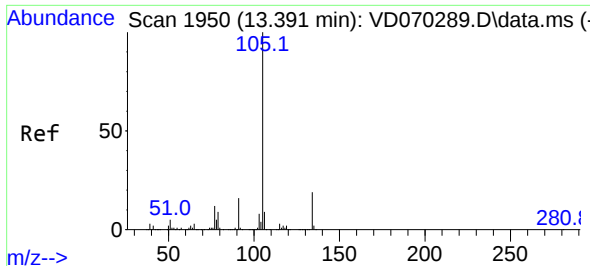
Tgt Ion: 91 Resp: 1250698
Ion Ratio Lower Upper
91 100
120 20.7 11.0 33.0



#83
tert-Butylbenzene
Concen: 4.710 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Tgt Ion: 119 Resp: 123735
Ion Ratio Lower Upper
119 100
91 111.9 33.7 101.0#
134 25.5 13.2 39.5

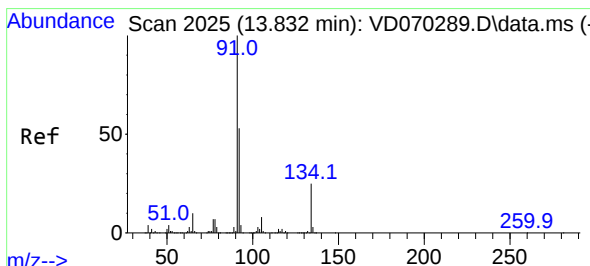
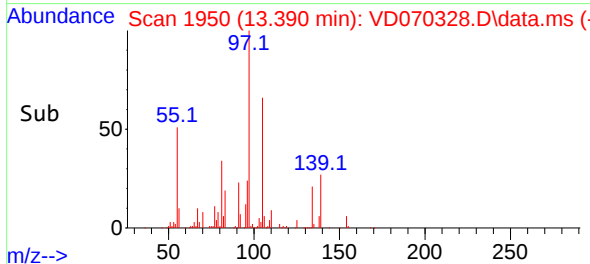
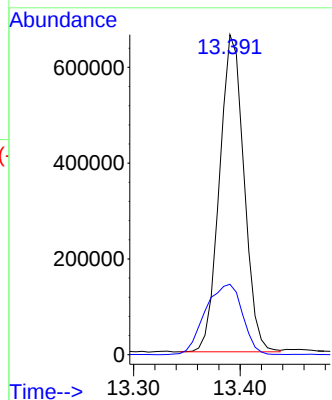
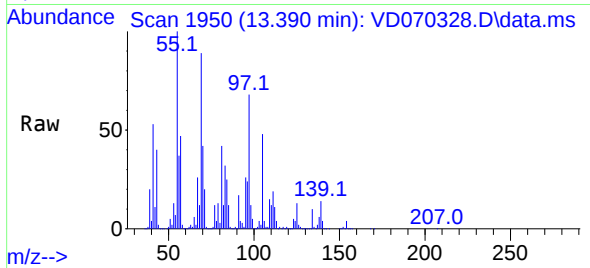




#85
sec-Butylbenzene
Concen: 25.298 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Instrument :
MSVOA_D
ClientSampleId :
S-1RE

Tgt Ion:105 Resp: 1056478
Ion Ratio Lower Upper
105 100
134 33.8 9.8 29.3#



#89
n-Butylbenzene
Concen: 71.891 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070328.D
Acq: 13 Sep 2021 15:58

Tgt Ion: 91 Resp: 2405005
Ion Ratio Lower Upper
91 100
92 44.5 26.8 80.4
134 48.0 12.1 36.3#

