

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070315.D
 Acq On : 10 Sep 2021 22:30
 Operator : VA/SY
 Sample : M3694-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-1

Quant Time: Sep 11 02:30:43 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)

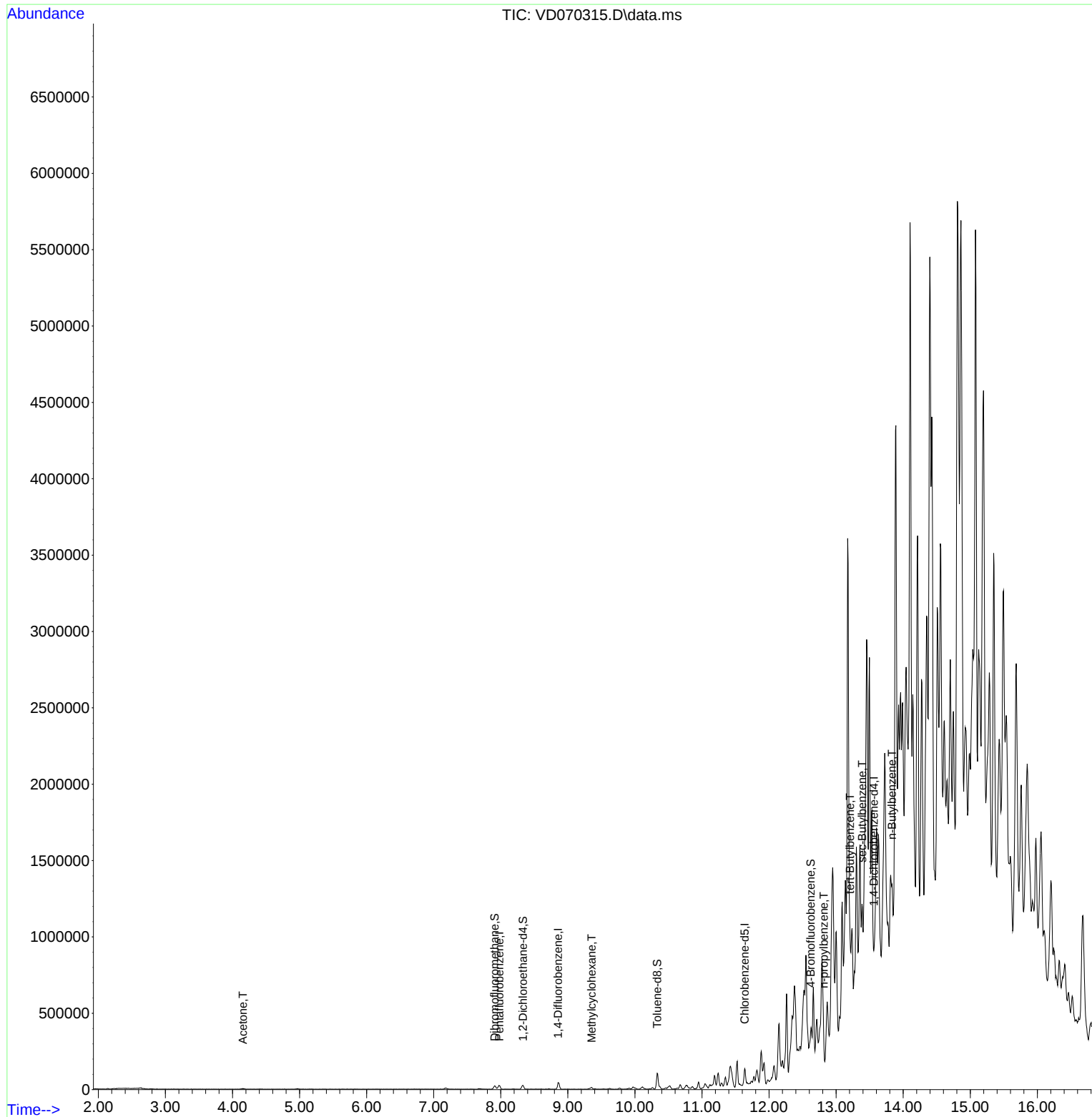
Internal Standards						
1) Pentafluorobenzene	7.979	168	16203	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	37509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	55675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	47831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	19989	96.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 192.160%#	
35) Dibromofluoromethane	7.908	113	16474	61.702	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.400%	
50) Toluene-d8	10.332	98	50863	52.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.940%	
62) 4-Bromofluorobenzene	12.620	95	50110	147.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 295.820%#	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	6601	177.712	ug/l	94
39) Methylcyclohexane	9.355	83	3786	8.453	ug/l #	59
78) n-propylbenzene	12.814	91	87020	19.988	ug/l	99
83) tert-Butylbenzene	13.208	119	10849	4.673	ug/l	94
85) sec-Butylbenzene	13.390	105	82462	22.344	ug/l #	69
89) n-Butylbenzene	13.832	91	204629	69.215	ug/l #	77

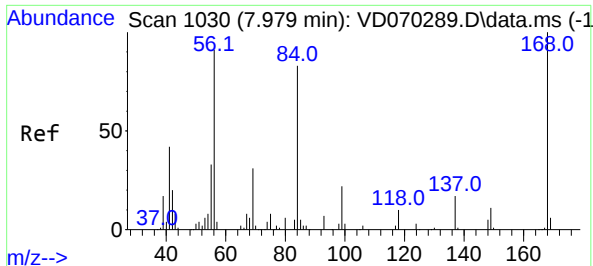
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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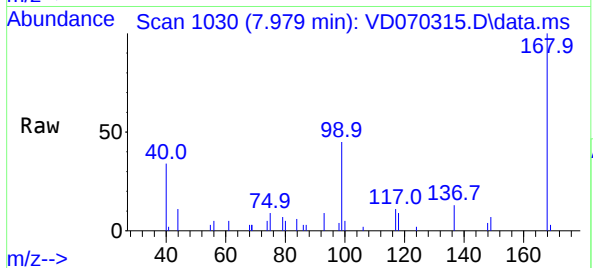
Quant Time: Sep 11 02:30:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
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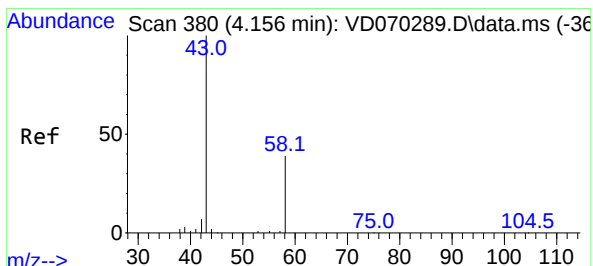
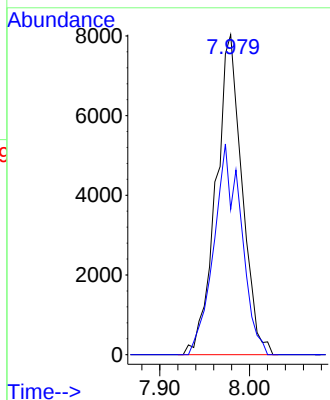
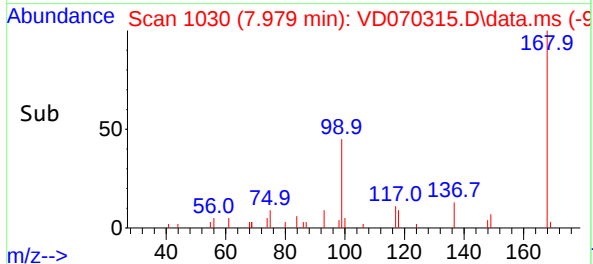


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

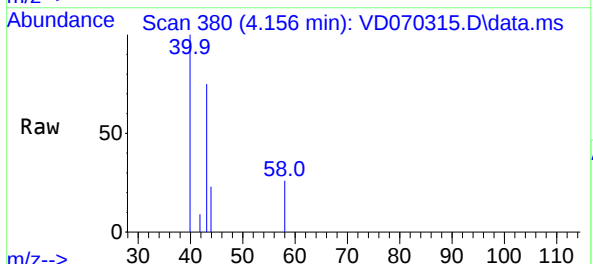
Instrument :
MSVOA_D
ClientSampleId :
S-1



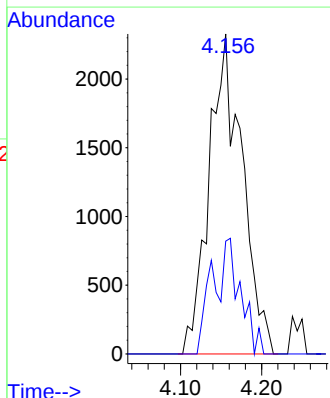
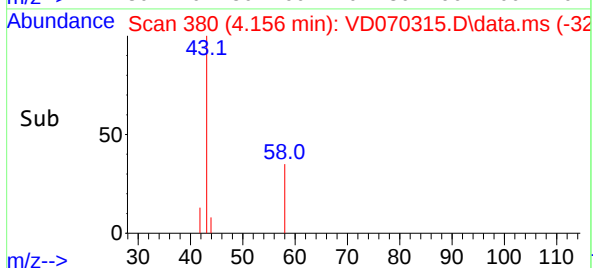
Tgt Ion:168 Resp: 16203
Ion Ratio Lower Upper
168 100
99 45.5 50.8 76.2#

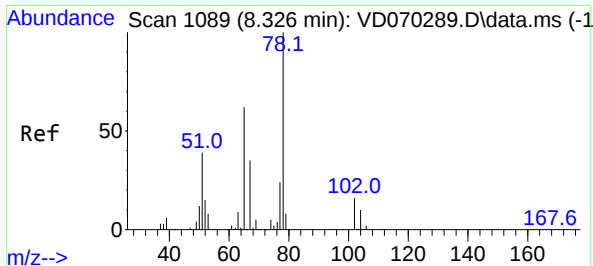


#16
Acetone
Concen: 177.712 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30



Tgt Ion: 43 Resp: 6601
Ion Ratio Lower Upper
43 100
58 35.2 30.9 46.3

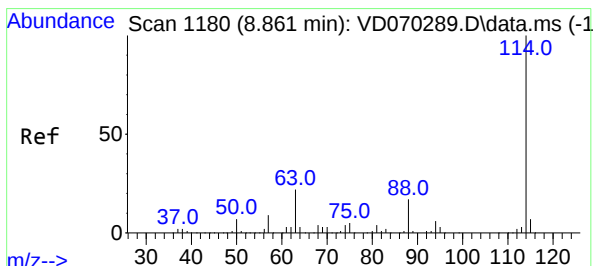
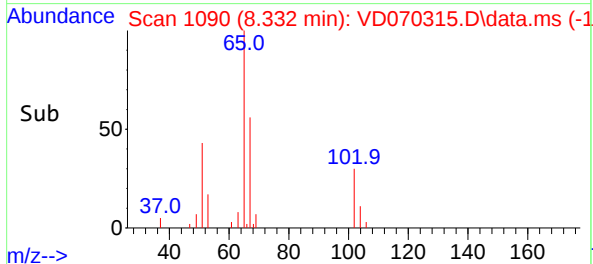
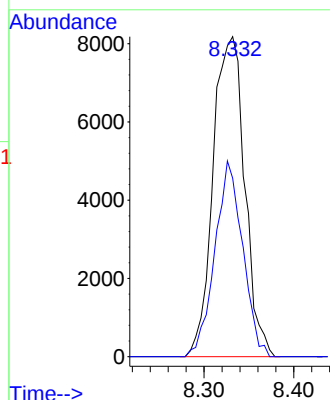
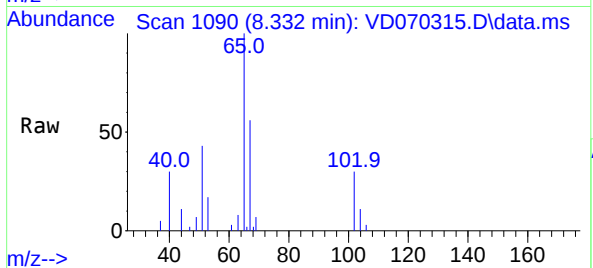




#33
1,2-Dichloroethane-d4
Concen: 96.078 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

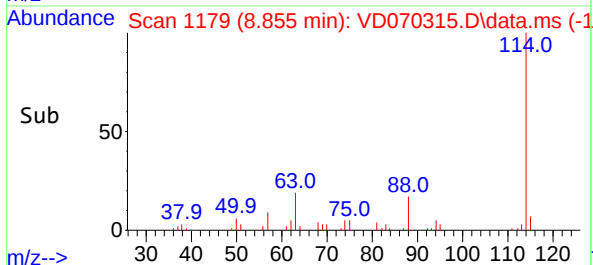
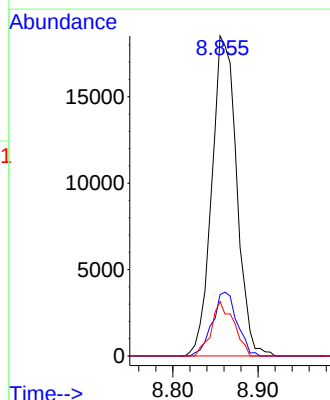
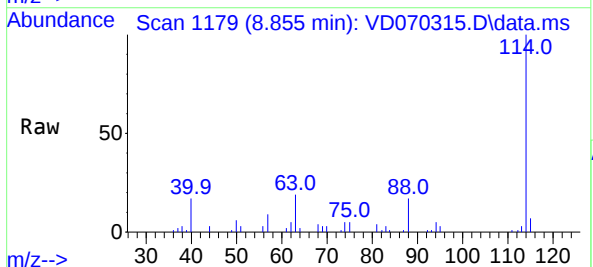
Instrument :
MSVOA_D
ClientSampleId :
S-1

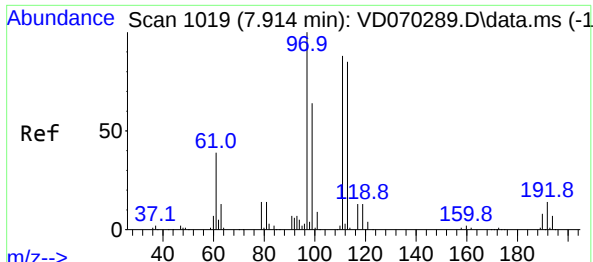
Tgt Ion: 65 Resp: 19989
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

Tgt Ion: 114 Resp: 37509
Ion Ratio Lower Upper
114 100
63 19.2 0.0 43.4
88 17.0 0.0 33.4

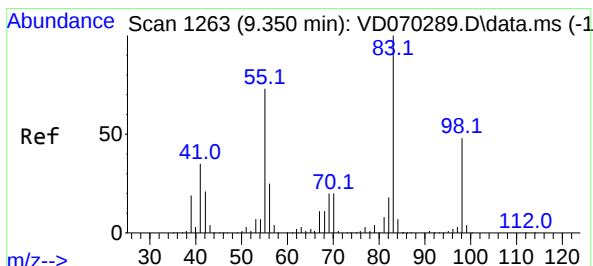
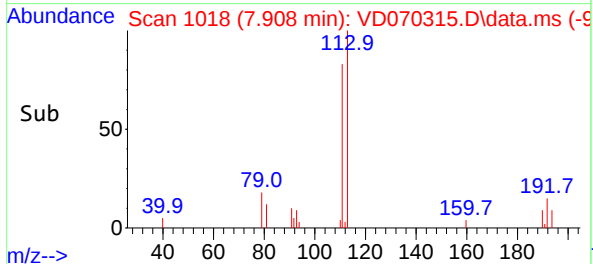
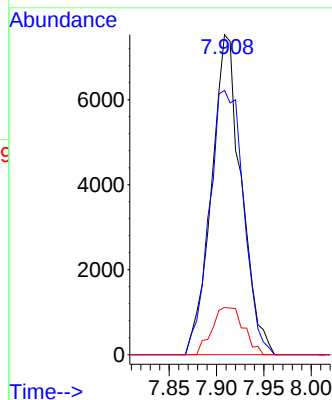
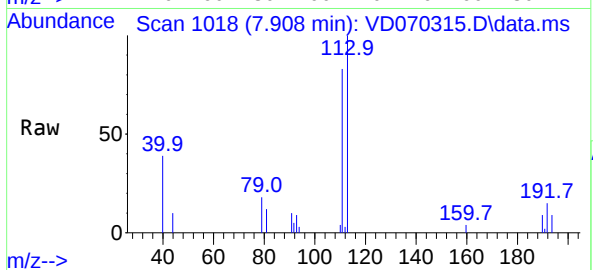




#35
Dibromofluoromethane
Concen: 61.702 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

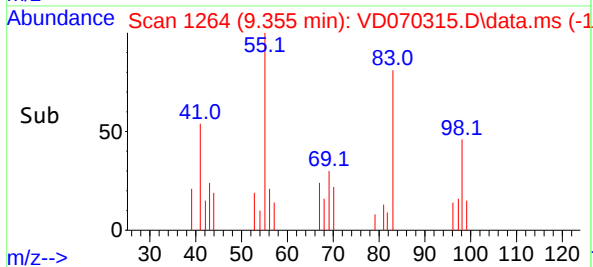
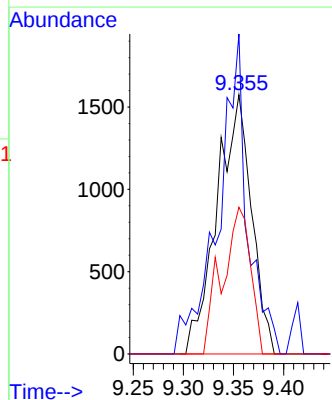
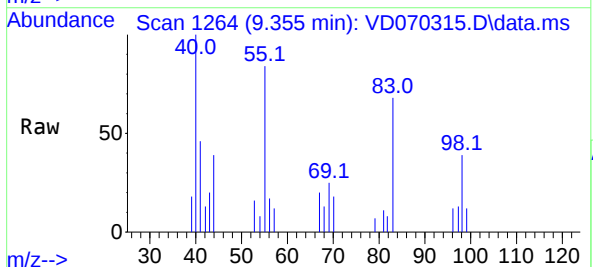
Instrument :
MSVOA_D
ClientSampleId :
S-1

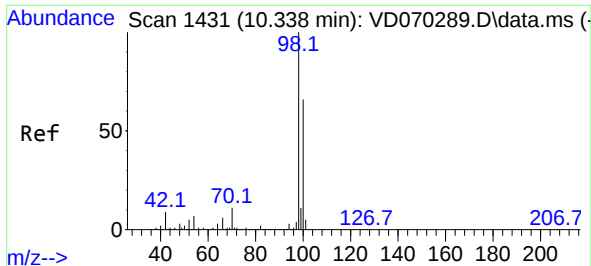
Tgt Ion:	113	Resp:	16474
Ion	Ratio	Lower	Upper
113	100		
111	94.6	81.4	122.2
192	15.6	13.0	19.6



#39
Methylcyclohexane
Concen: 8.453 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

Tgt Ion:	83	Resp:	3786
Ion	Ratio	Lower	Upper
83	100		
55	123.4	58.5	87.7#
98	56.6	38.4	57.6

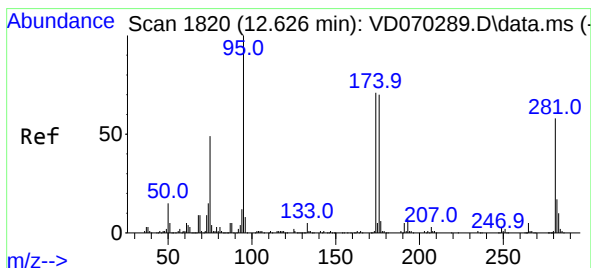
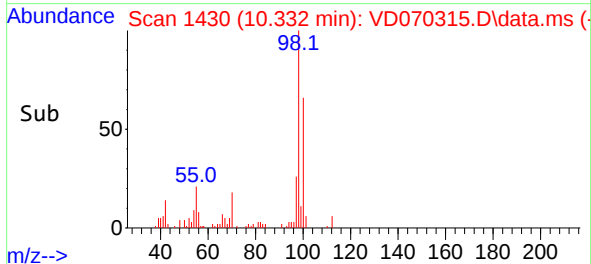
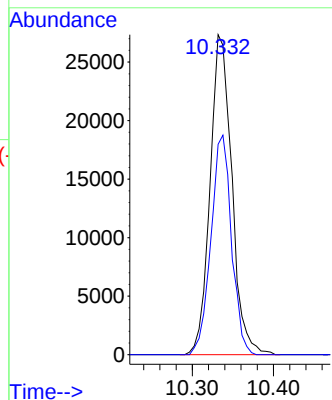
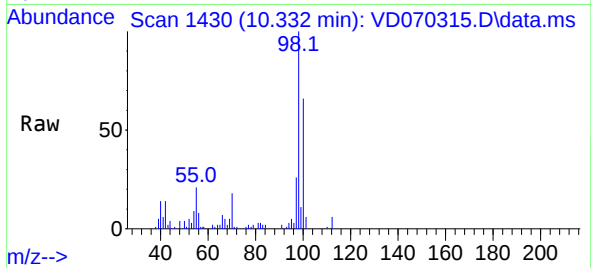




#50
Toluene-d8
Concen: 52.469 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

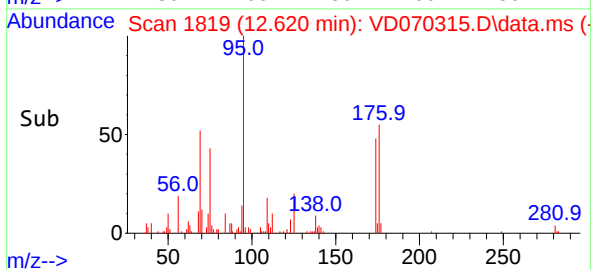
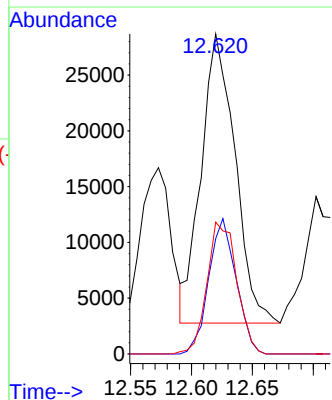
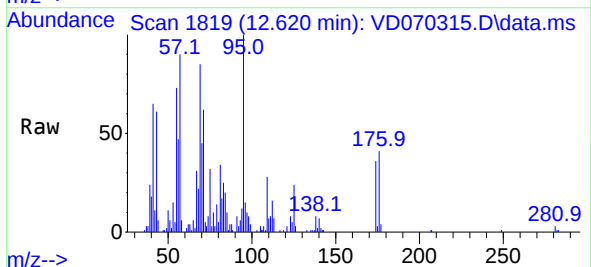
Instrument :
MSVOA_D
ClientSampled :
S-1

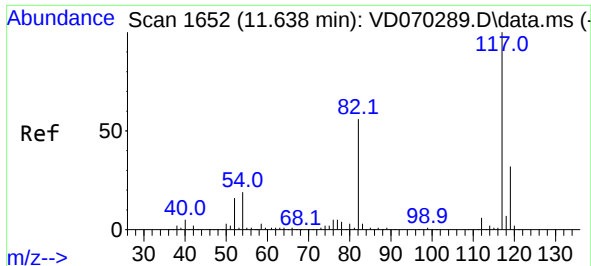
Tgt Ion: 98 Resp: 50863
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 147.909 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

Tgt Ion: 95 Resp: 50110
Ion Ratio Lower Upper
95 100
174 37.8 0.0 140.6
176 39.9 0.0 137.4

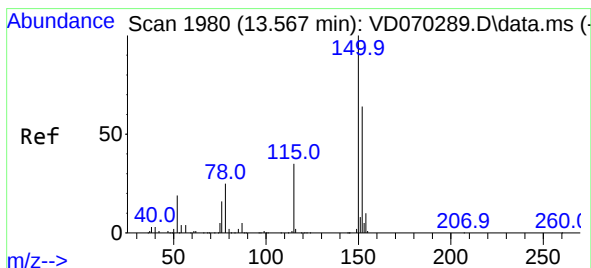
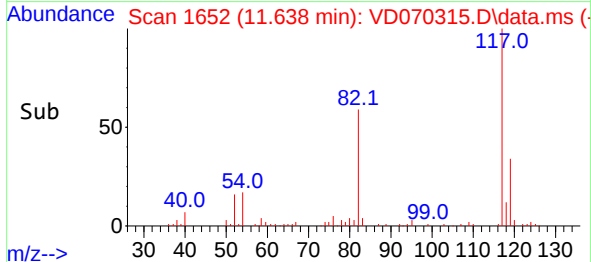
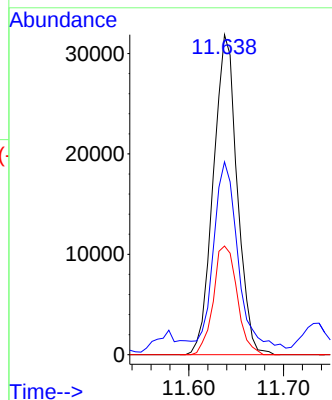
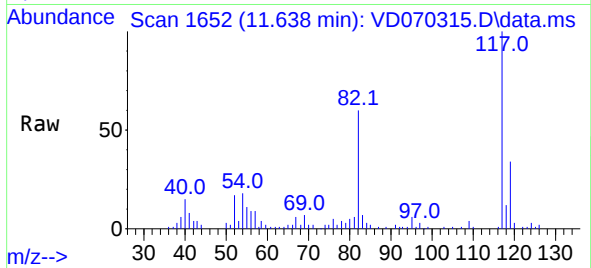




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

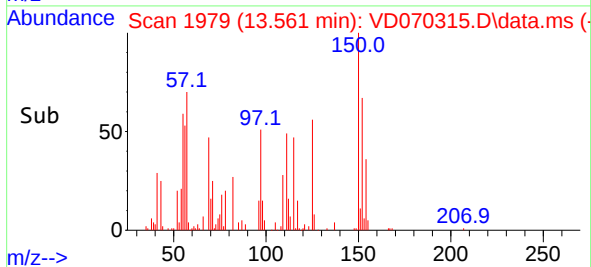
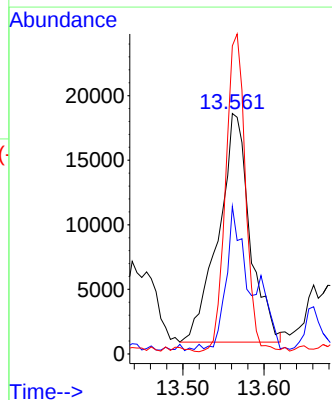
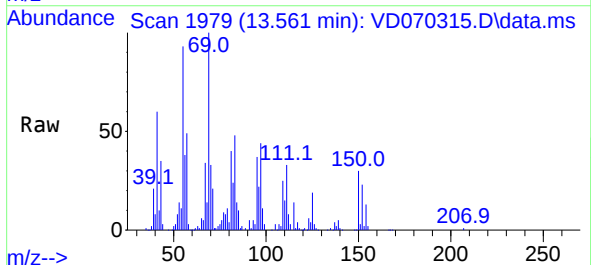
Instrument :
MSVOA_D
ClientSampled :
S-1

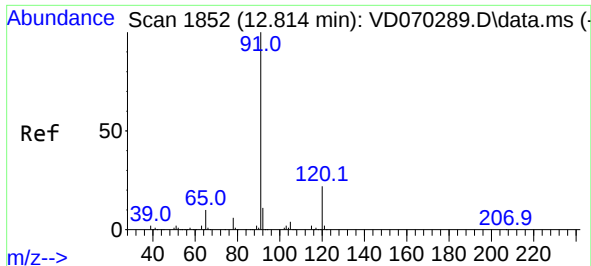
Tgt Ion:117 Resp: 55675
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 34.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

Tgt Ion:152 Resp: 47831
Ion Ratio Lower Upper
152 100
115 35.5 32.1 96.3
150 87.0 0.0 350.6

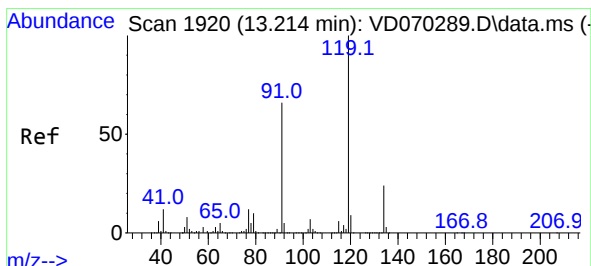
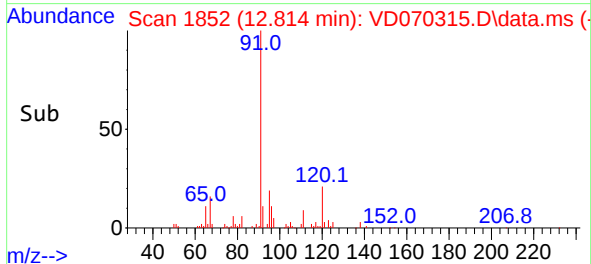
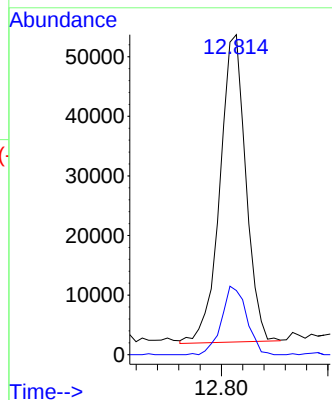
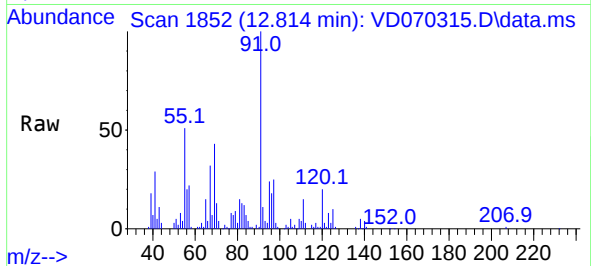




#78
n-propylbenzene
Concen: 19.988 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

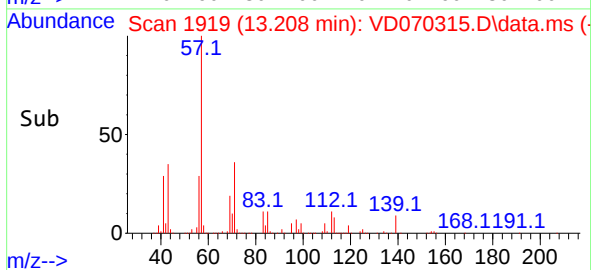
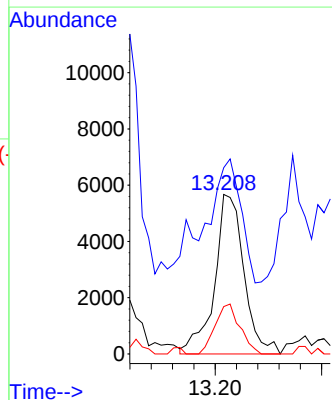
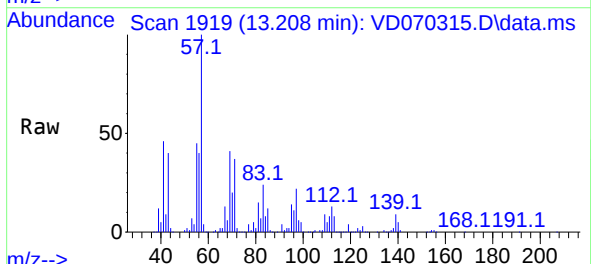
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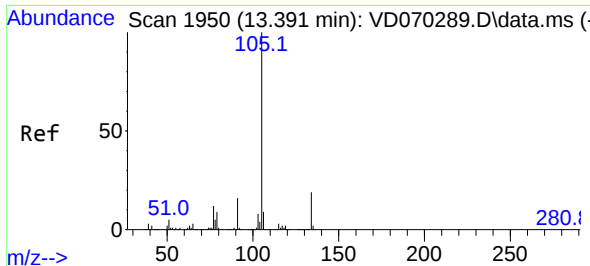
Tgt Ion: 91 Resp: 87020
Ion Ratio Lower Upper
91 100
120 21.5 11.0 33.0



#83
tert-Butylbenzene
Concen: 4.673 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

Tgt Ion: 119 Resp: 10849
Ion Ratio Lower Upper
119 100
91 73.7 33.7 101.0
134 26.4 13.2 39.5

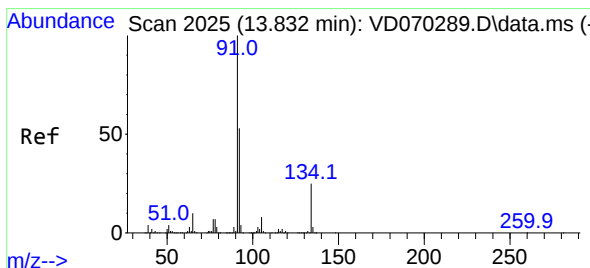
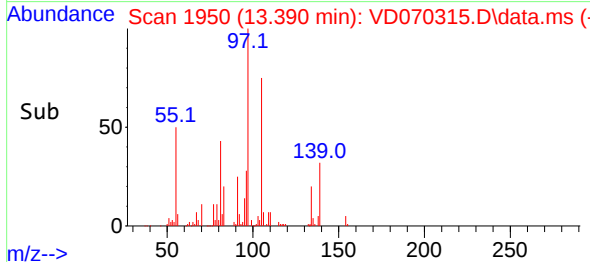
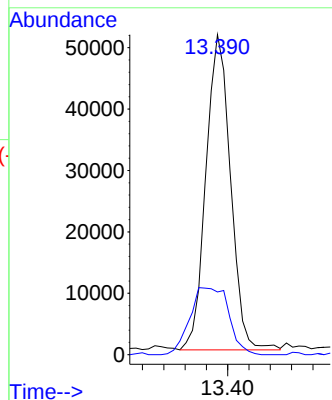
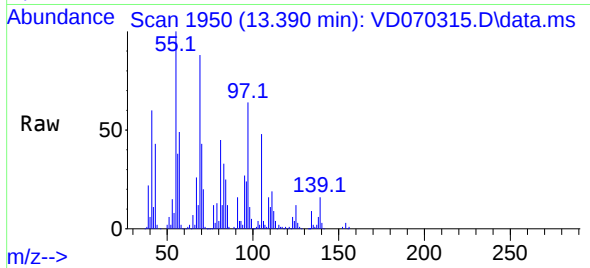




#85
sec-Butylbenzene
Concen: 22.344 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

Instrument :
MSVOA_D
ClientSampled :
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Tgt Ion:105 Resp: 82462
Ion Ratio Lower Upper
105 100
134 33.5 9.8 29.3#



#89
n-Butylbenzene
Concen: 69.215 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070315.D
Acq: 10 Sep 2021 22:30

Tgt Ion: 91 Resp: 204629
Ion Ratio Lower Upper
91 100
92 45.1 26.8 80.4
134 0.0 12.1 36.3#

