

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
 Data File : VD070386.D
 Acq On : 20 Sep 2021 16:14
 Operator : VA/SY
 Sample : M3798-05
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-01-(5-8)

Manual Integrations
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Quant Time: Sep 21 03:34:54 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	374034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	785355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1033464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1289340	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230960	48.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.180%
35) Dibromofluoromethane	7.914	113	272187	48.690	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.332	98	1248687	61.521	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.040%
62) 4-Bromofluorobenzene	12.626	95	3640573	513.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	1026.460%#
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	9815	11.447	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	42971	7.717	ug/l	91
39) Methylcyclohexane	9.355	83	210374	22.433	ug/l	95
73) Isopropylbenzene	12.479	105	1346184	14.888	ug/l	97
83) tert-Butylbenzene	13.220	119	3192576	51.010	ug/l	89
85) sec-Butylbenzene	13.396	105	9886885	99.381	ug/l	# 59
89) n-Butylbenzene	13.832	91	1120004m	14.054	ug/l	

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

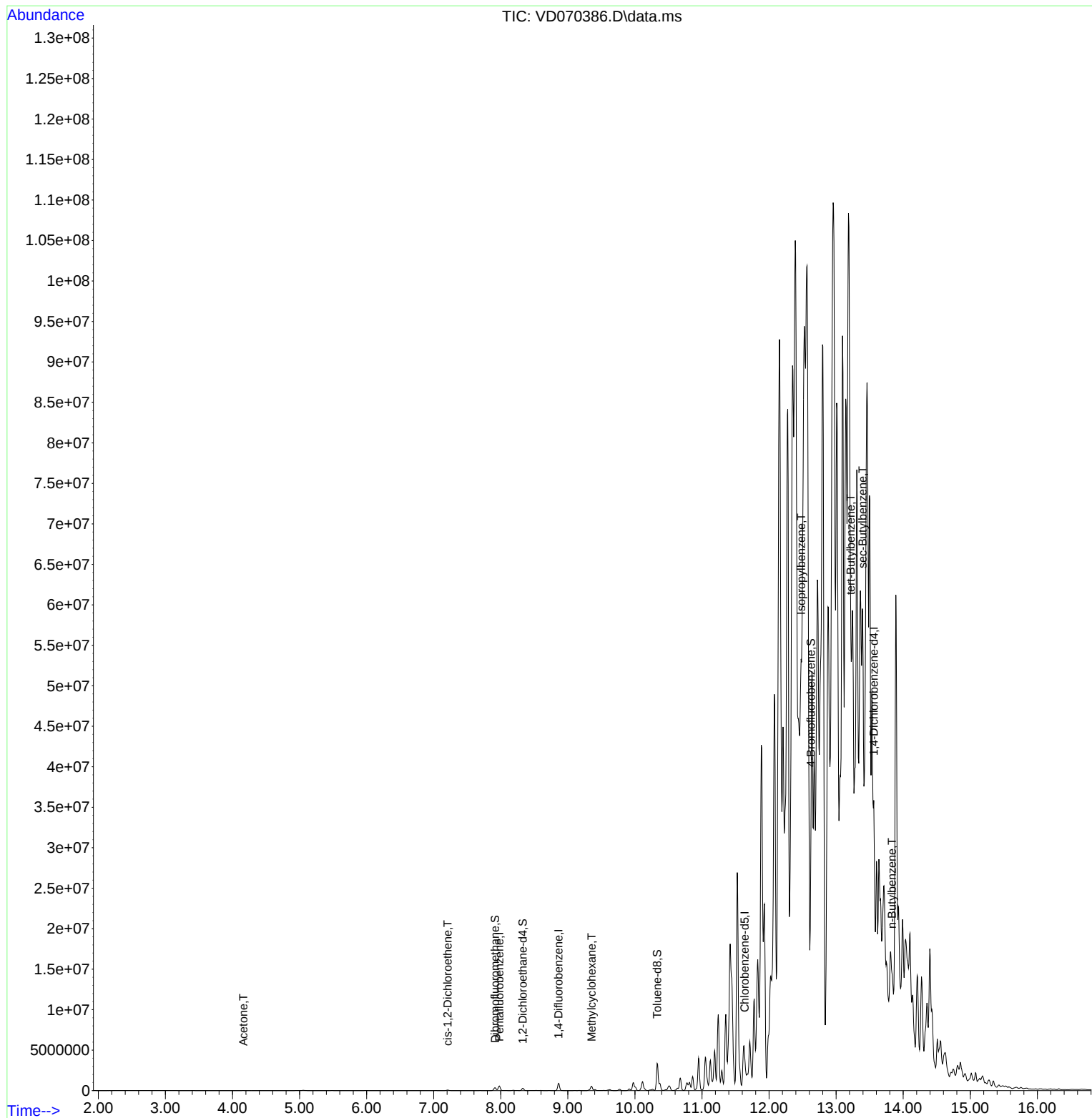
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092021\
Data File : VD070386.D
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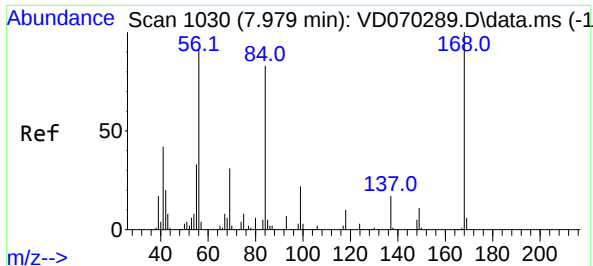
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-01-(5-8)

Quant Time: Sep 21 03:34:54 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

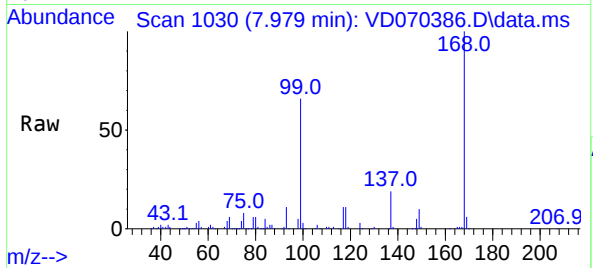
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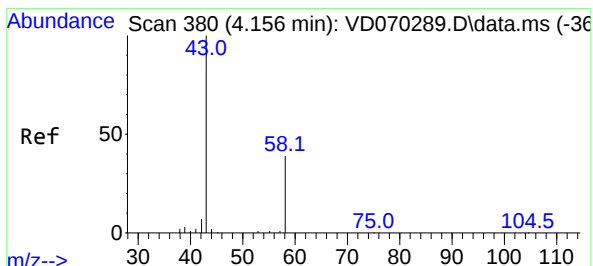
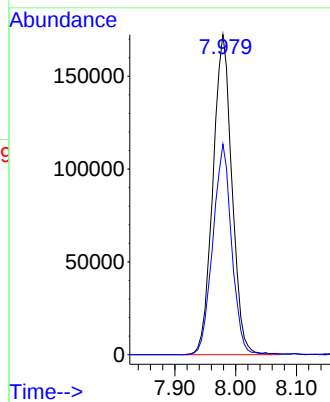
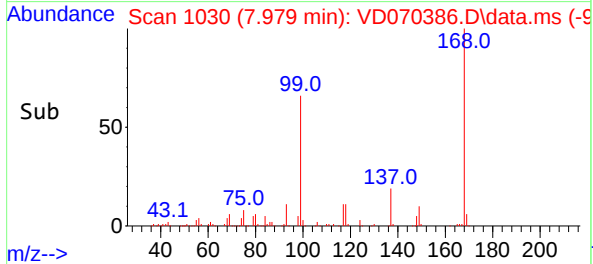




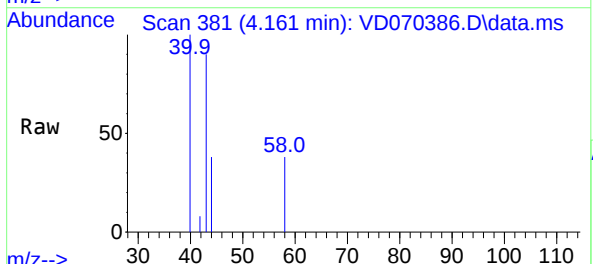
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14



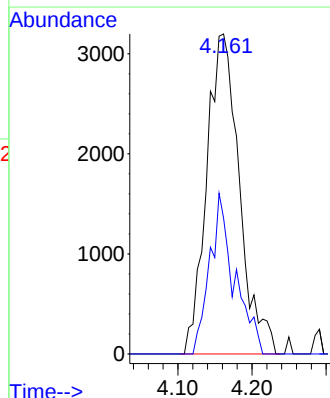
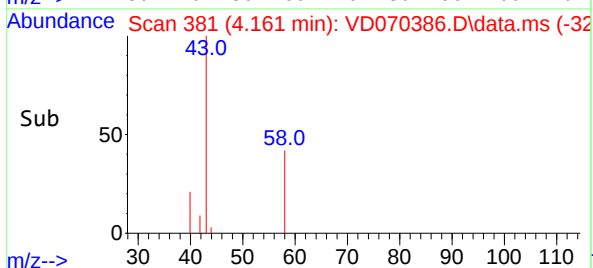
Tgt Ion:168 Resp: 374034
Ion Ratio Lower Upper
168 100
99 65.8 50.8 76.2



#16
Acetone
Concen: 11.447 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14



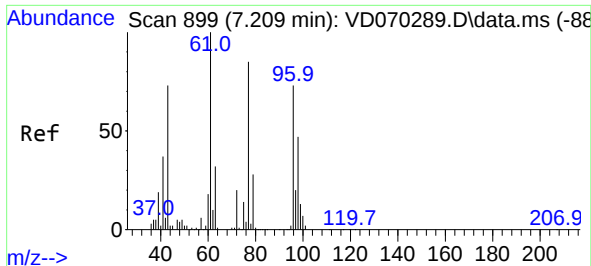
Tgt Ion: 43 Resp: 9815
Ion Ratio Lower Upper
43 100
58 42.5 30.9 46.3



Instrument :
MSVOA_D
ClientSampleId :
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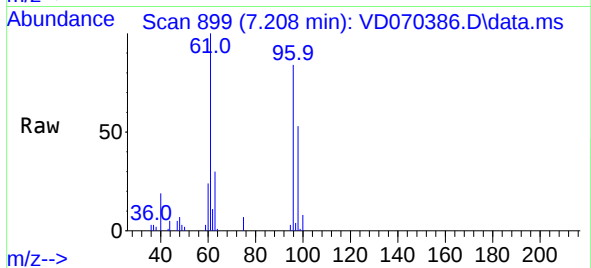
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#27
cis-1,2-Dichloroethene
Concen: 7.717 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

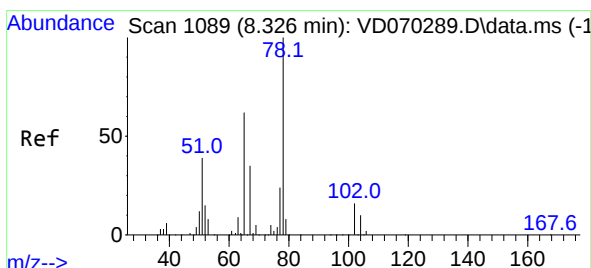
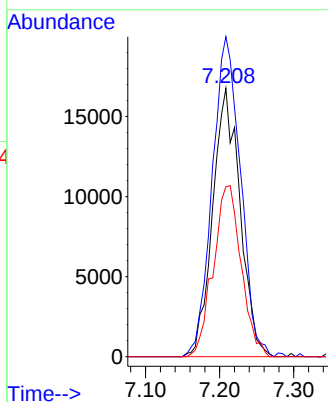
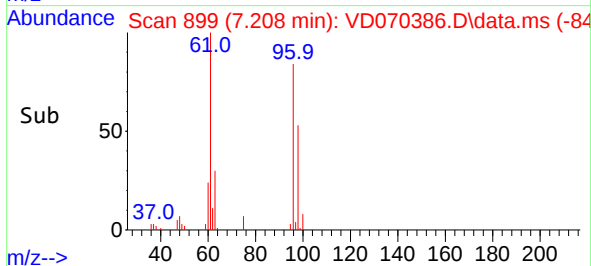
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-01-(5-8)



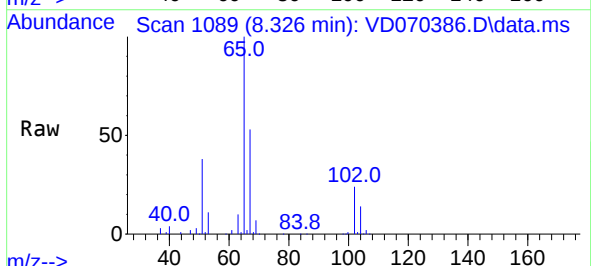
Tgt Ion: 96 Resp: 42971
Ion Ratio Lower Upper
96 100
61 123.2 0.0 277.4
98 65.2 0.0 130.0

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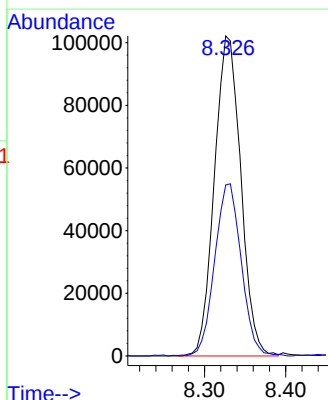
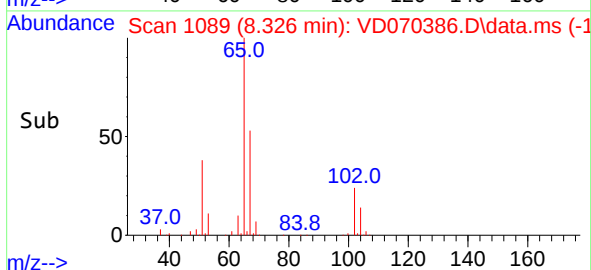
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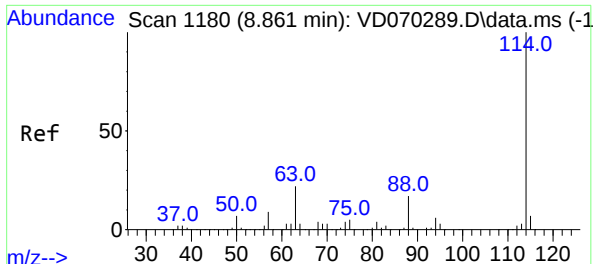


#33
1,2-Dichloroethane-d4
Concen: 48.090 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

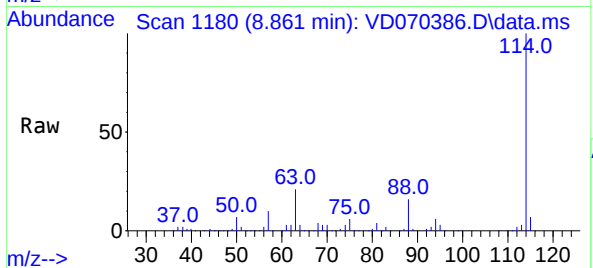


Tgt Ion: 65 Resp: 230960
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.4

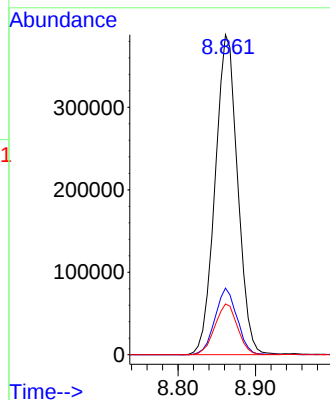
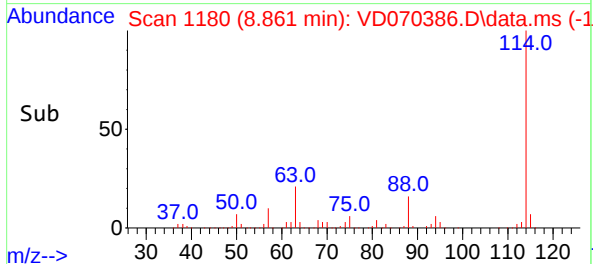




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14



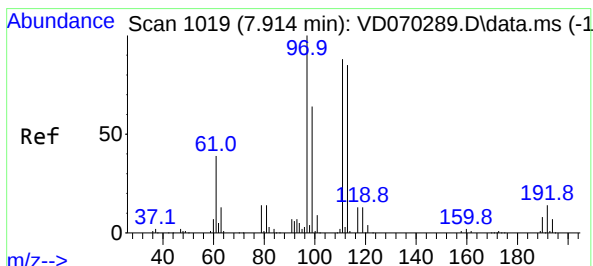
Tgt Ion:114 Resp: 785355
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 15.9 0.0 33.4



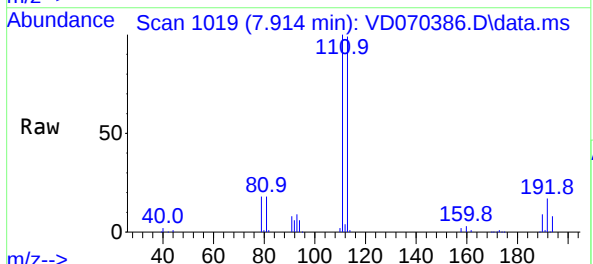
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-01-(5-8)

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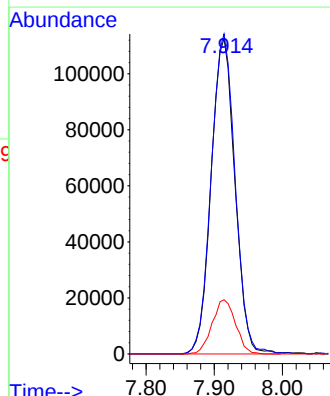
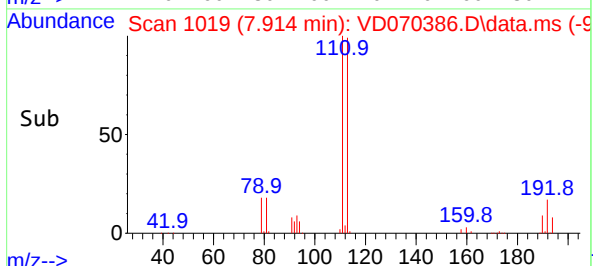
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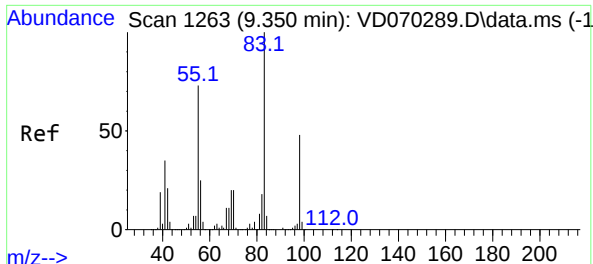


#35
Dibromofluoromethane
Concen: 48.690 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14



Tgt Ion:113 Resp: 272187
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.2
192 17.0 13.0 19.6





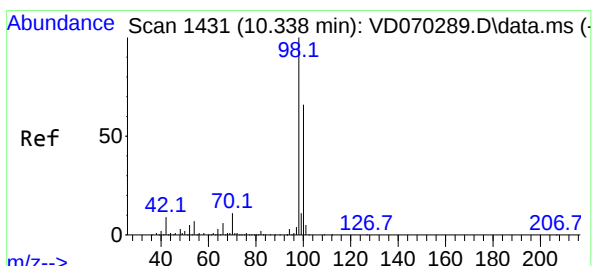
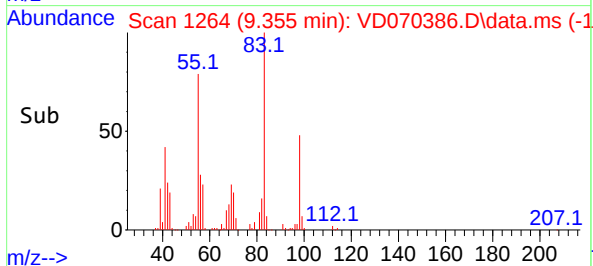
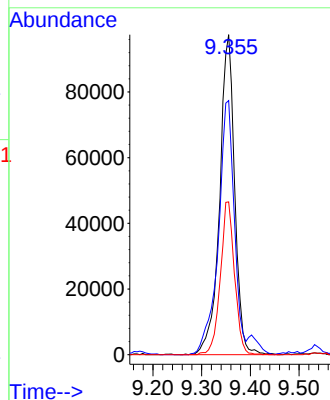
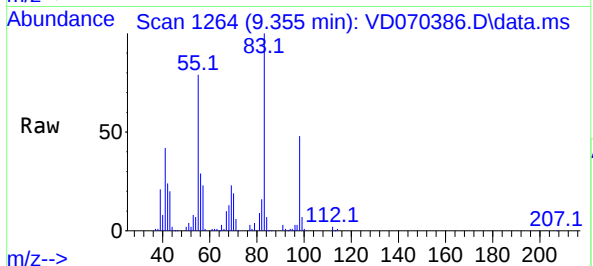
#39
Methylcyclohexane
Concen: 22.433 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

Tgt Ion:	83	Resp:	210374
Ion	Ratio	Lower	Upper
83	100		
55	79.4	58.5	87.7
98	47.7	38.4	57.6

Instrument :
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ClientSampleId :
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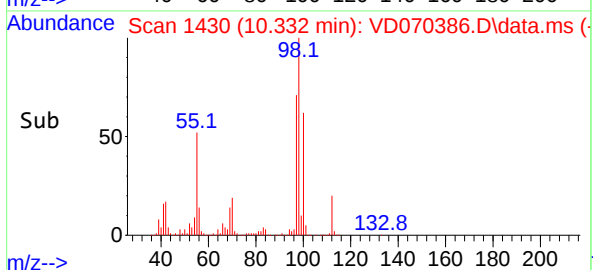
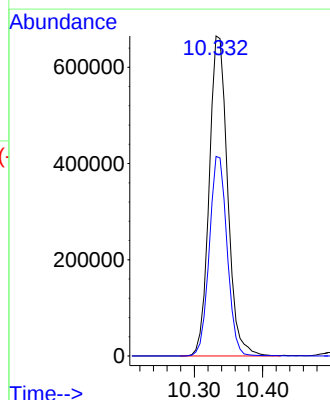
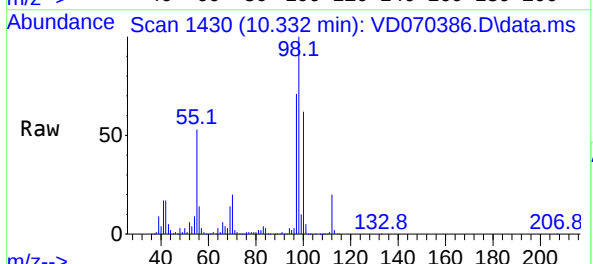
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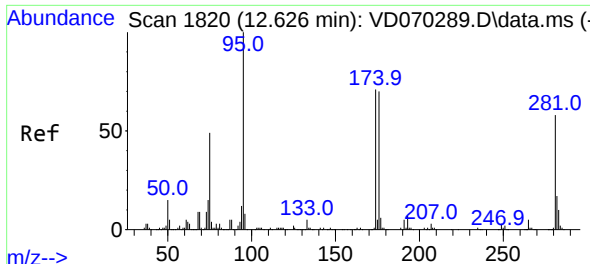
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#50
Toluene-d8
Concen: 61.521 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

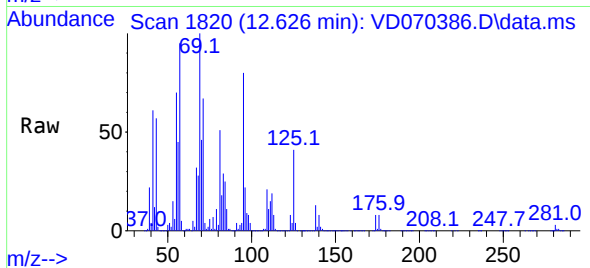
Tgt Ion:	98	Resp:	1248687
Ion	Ratio	Lower	Upper
98	100		
100	60.2	52.0	78.0





#62
4-Bromofluorobenzene
Concen: 513.227 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

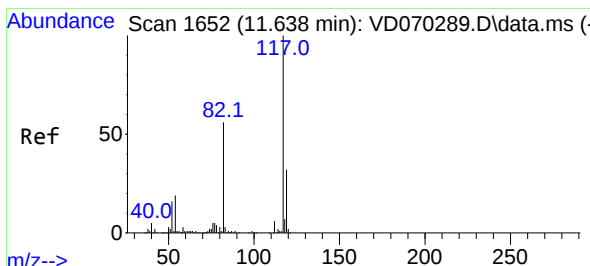
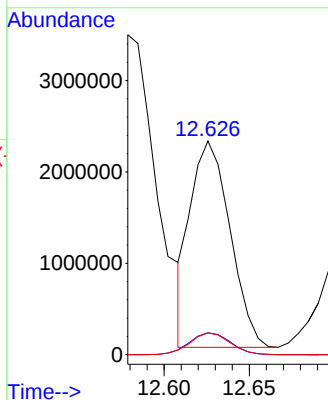
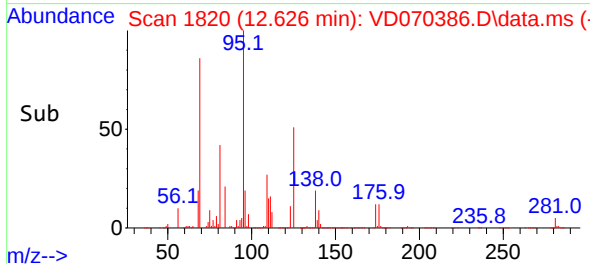
Instrument :
MSVOA_D
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SUB-SLAB-01-(5-8)



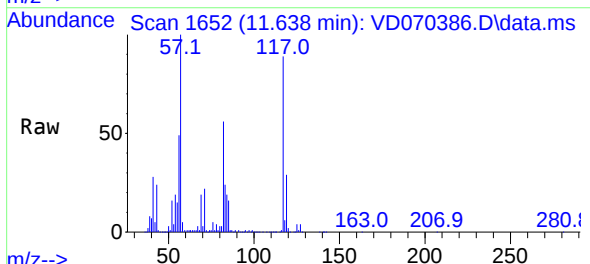
Tgt Ion: 95 Resp: 3640573
Ion Ratio Lower Upper
95 100
174 11.1 0.0 140.6
176 10.7 0.0 137.4

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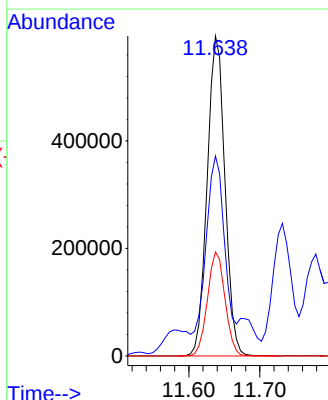
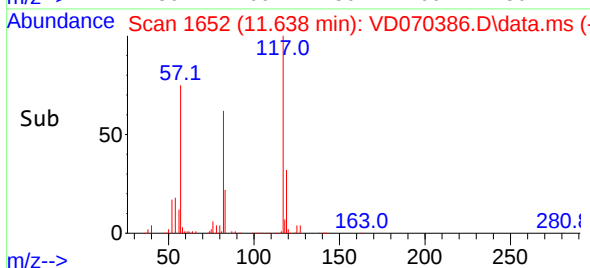
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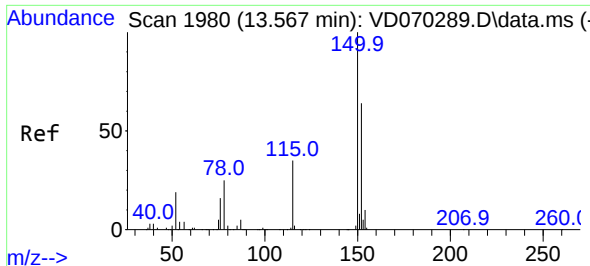


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

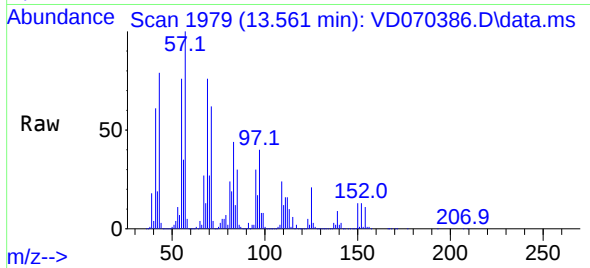


Tgt Ion: 117 Resp: 1033464
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.5 25.2 37.8

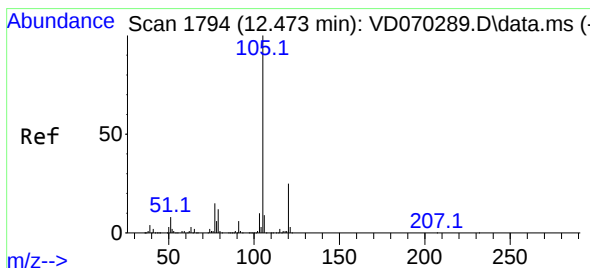
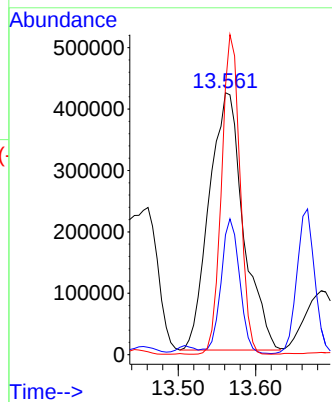
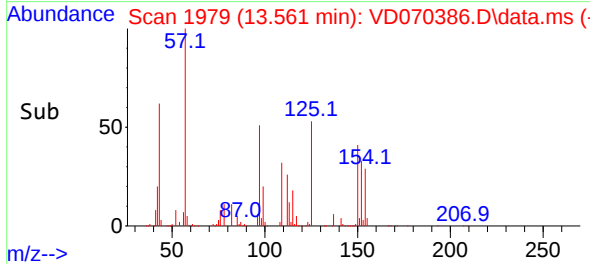




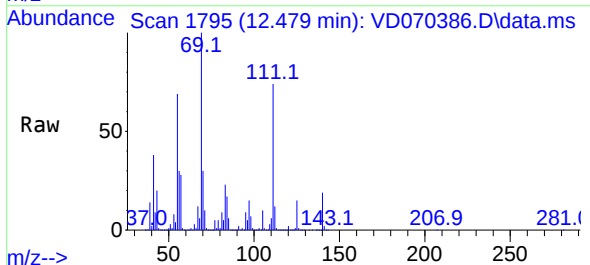
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1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14



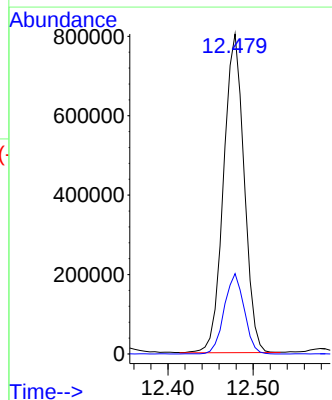
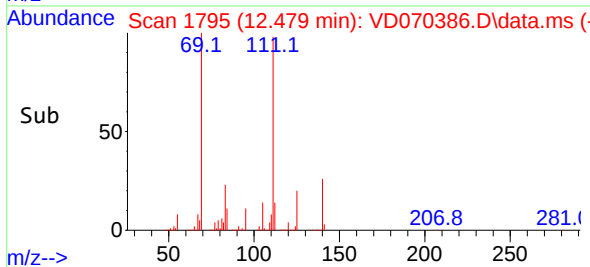
Tgt Ion:152 Resp: 1289340
Ion Ratio Lower Upper
152 100
115 28.7 32.1 96.3#
150 66.9 0.0 350.6



#73
Isopropylbenzene
Concen: 14.888 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14



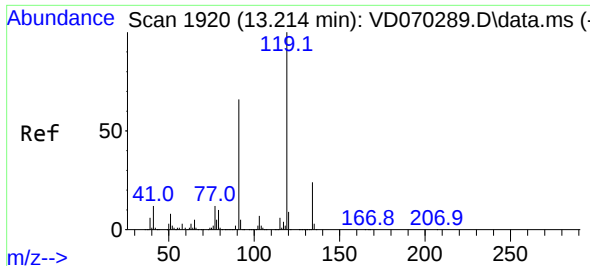
Tgt Ion:105 Resp: 1346184
Ion Ratio Lower Upper
105 100
120 24.4 13.0 38.9



Instrument :
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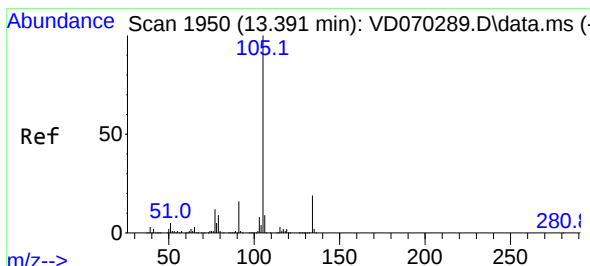
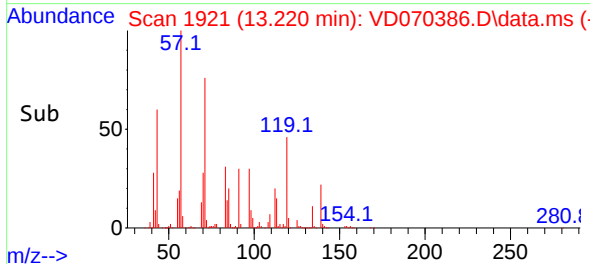
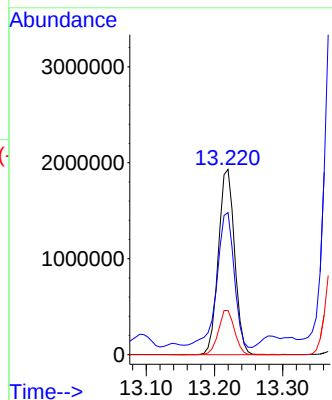
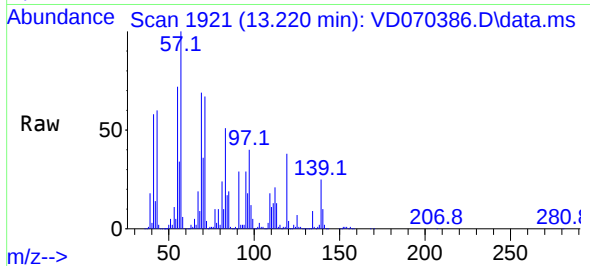
#83
tert-Butylbenzene
Concen: 51.010 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

Tgt Ion:119 Resp: 3192576
Ion Ratio Lower Upper
119 100
91 78.0 33.7 101.0
134 23.6 13.2 39.5

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-01-(5-8)

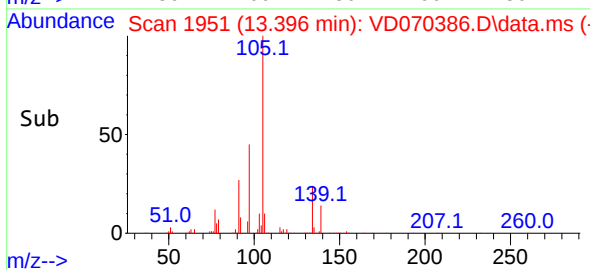
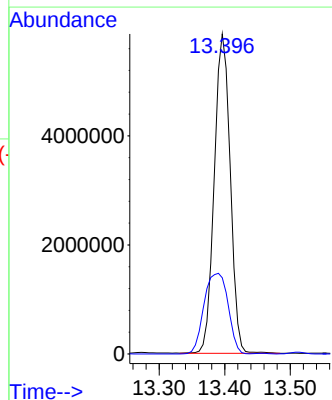
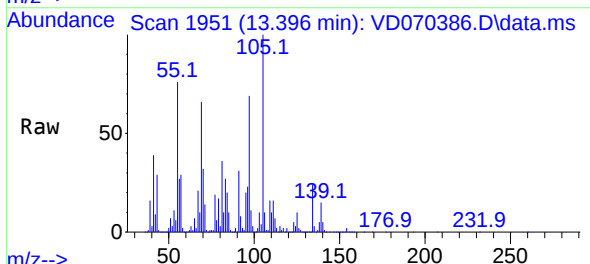
Manual Integrations
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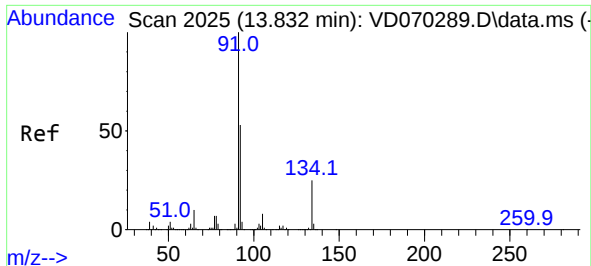
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#85
sec-Butylbenzene
Concen: 99.381 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

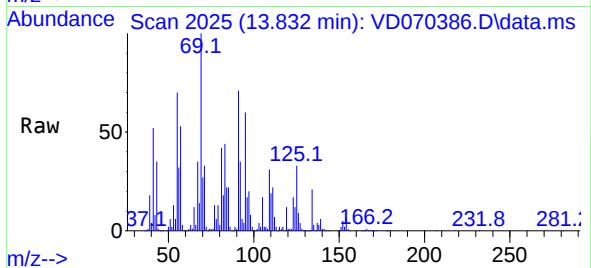
Tgt Ion:105 Resp: 9886885
Ion Ratio Lower Upper
105 100
134 38.2 9.8 29.3#





#89
n-Butylbenzene
Concen: 14.054 ug/l m
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070386.D
Acq: 20 Sep 2021 16:14

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-01-(5-8)



Tgt Ion: 91 Resp: 1120004
Ion Ratio Lower Upper
91 100
92 59.2 26.8 80.4
134 0.0 12.1 36.3#

Manual Integrations
APPROVED

MMDadoda
9/21/2021 6:59:32 PM

