

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069849.D
 Acq On : 26 Jul 2021 15:55
 Operator : VA/SY
 Sample : M3158-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE

Manual Integrations
 APPROVED

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 7/27/2021 12:14:24 PM

Quant Time: Jul 27 05:12:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	376418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	783283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	613538	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	243302	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	334908	77.361	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 154.720%			
35) Dibromofluoromethane	7.914	113	285409	57.801	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.600%			
50) Toluene-d8	10.338	98	1178285	61.885	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 123.760%			
62) 4-Bromofluorobenzene	12.620	95	427321	67.155	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 134.320%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	137884	176.312	ug/l	93
17) Carbon Disulfide	4.409	76	16050	1.042	ug/l	97
25) 2-Butanone	7.208	43	45227	42.645	ug/l	100
31) Cyclohexane	7.979	56	669032	79.094	ug/l	93
39) Methylcyclohexane	9.350	83	2694283	278.308	ug/l	99
52) Toluene	10.397	92	33494	2.255	ug/l	96
67) Ethyl Benzene	11.738	91	2405254	107.479	ug/l	98
68) m/p-Xylenes	11.849	106	64611	7.448	ug/l	92
73) Isopropylbenzene	12.473	105	1550522	88.695	ug/l	100
78) n-propylbenzene	12.814	91	3843628	171.186	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	59093	3.952	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	329815	22.356	ug/l	99
85) sec-Butylbenzene	13.391	105	2600055	135.272	ug/l	88
86) p-Isopropyltoluene	13.508	119	61745m	3.954	ug/l	
89) n-Butylbenzene	13.832	91	2315222	150.232	ug/l #	89

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

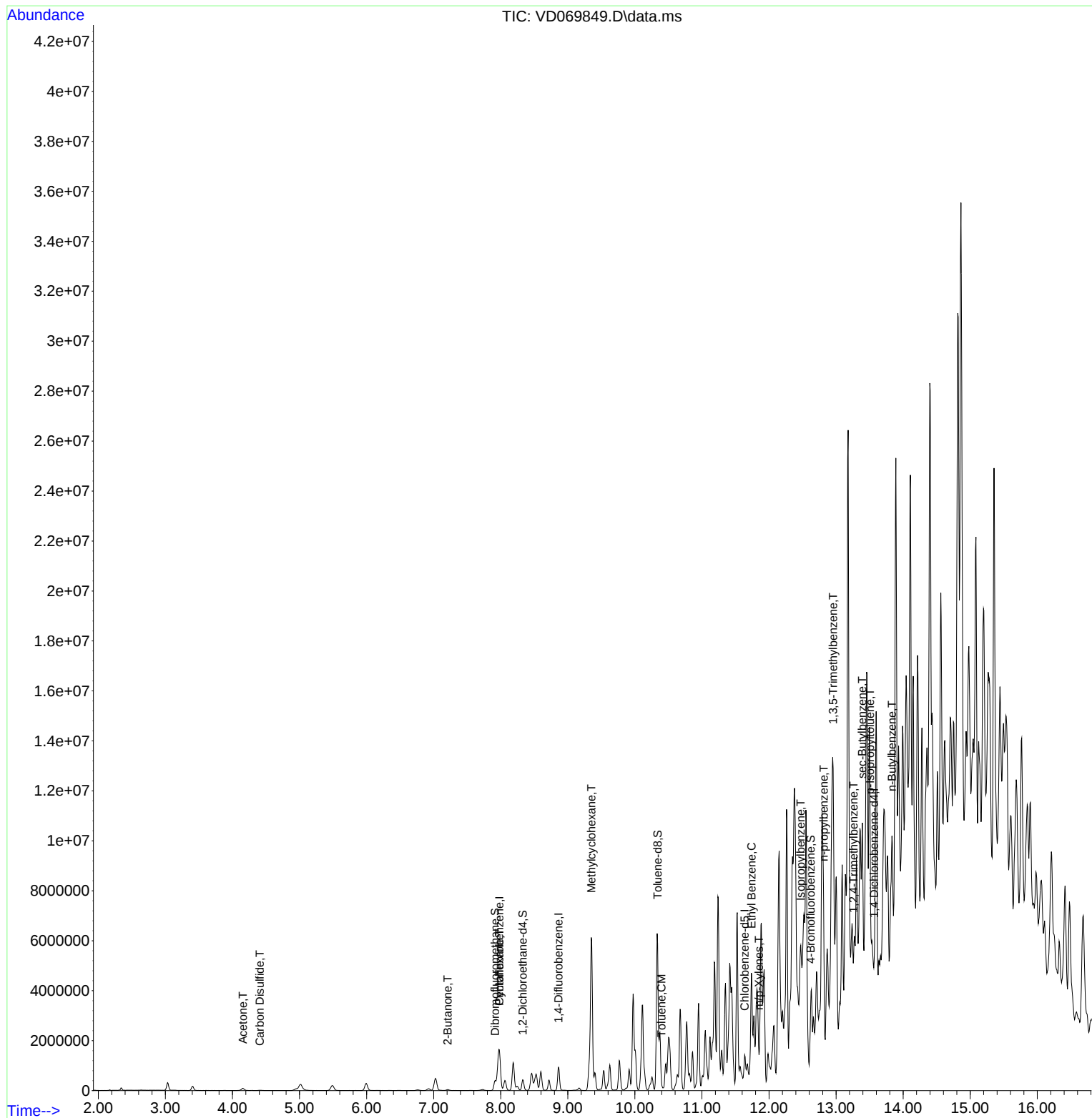
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
Data File : VD069849.D
Acq On : 26 Jul 2021 15:55
Operator : VA/SY
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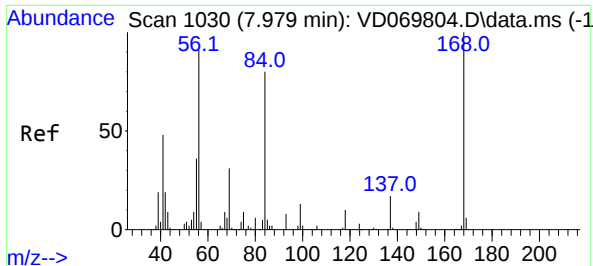
Instrument :
MSVOA_D
ClientSampleId :
WASTE

Manual Integrations
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Quant Time: Jul 27 05:12:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
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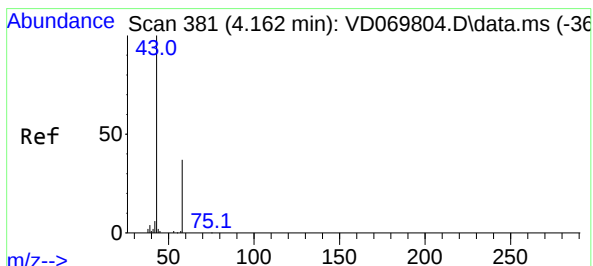
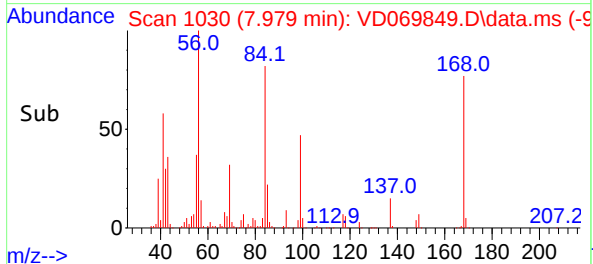
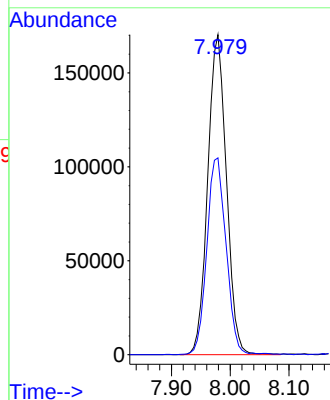
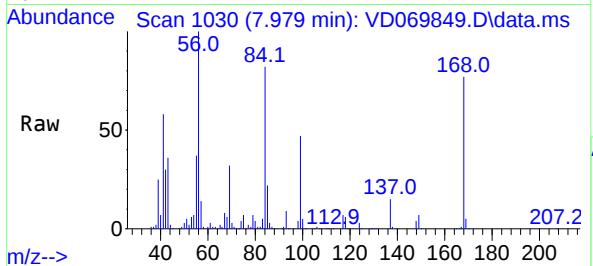
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

Tgt Ion:168 Resp: 376418
Ion Ratio Lower Upper
168 100
99 61.4 51.1 76.7

Instrument :
MSVOA_D
ClientSampleId :
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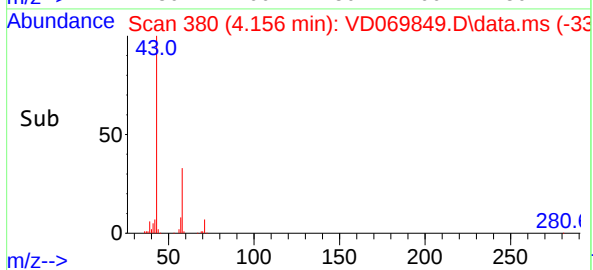
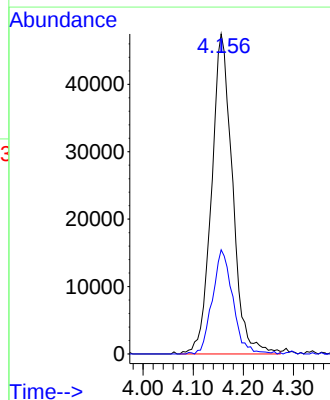
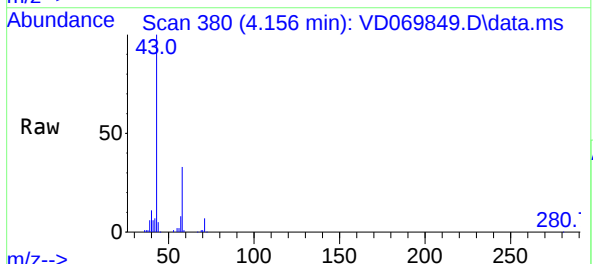
Manual Integrations
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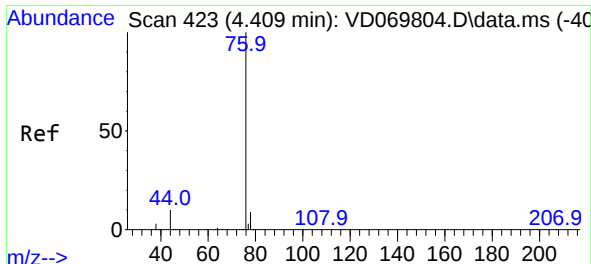
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#16
Acetone
Concen: 176.312 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

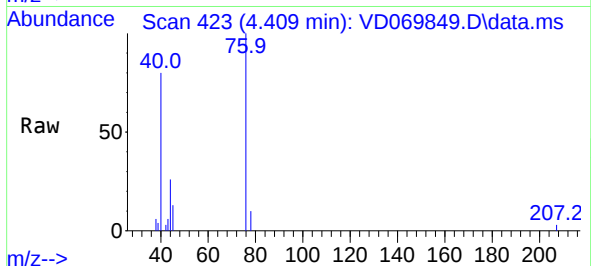
Tgt Ion: 43 Resp: 137884
Ion Ratio Lower Upper
43 100
58 32.5 29.4 44.0





#17
Carbon Disulfide
Concen: 1.042 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

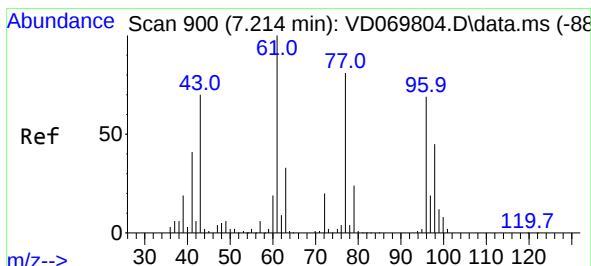
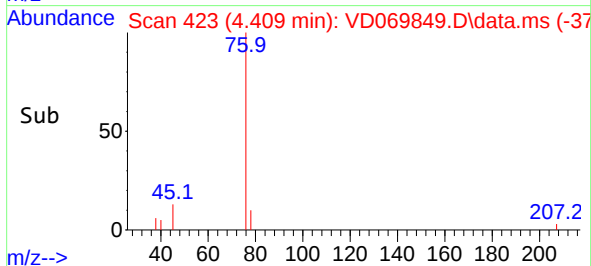
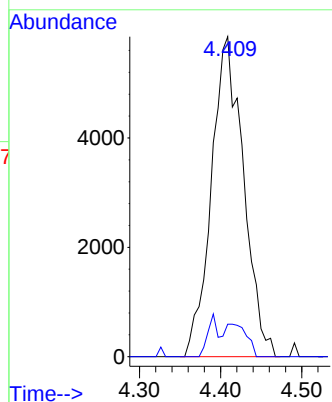
Instrument :
MSVOA_D
ClientSampleId :
WASTE



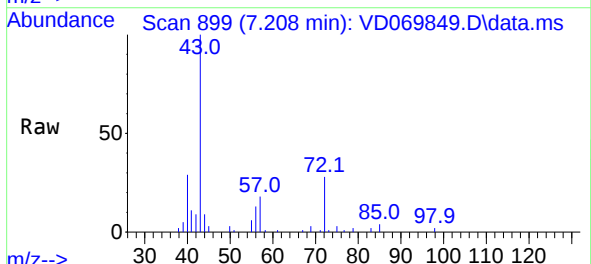
Tgt Ion: 76 Resp: 16050
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9

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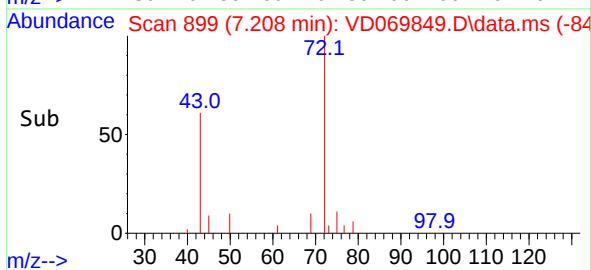
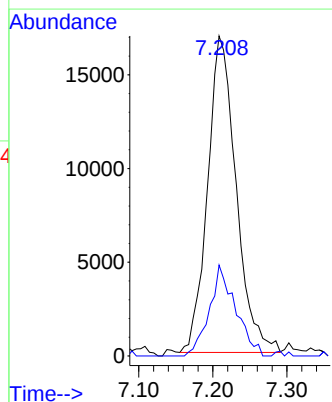
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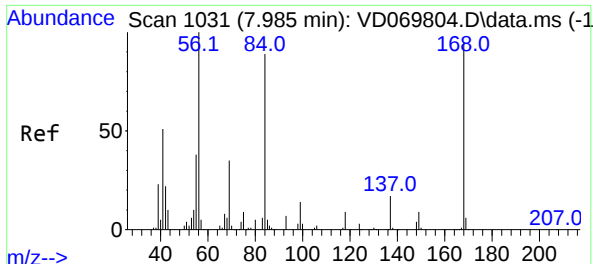


#25
2-Butanone
Concen: 42.645 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55



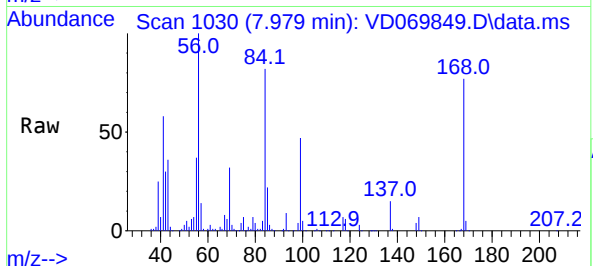
Tgt Ion: 43 Resp: 45227
Ion Ratio Lower Upper
43 100
72 28.7 22.8 34.2





#31
Cyclohexane
Concen: 79.094 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

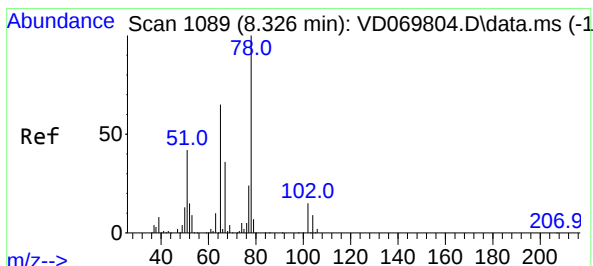
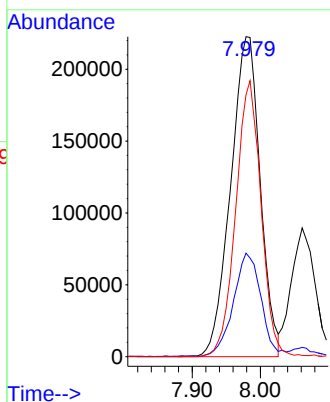
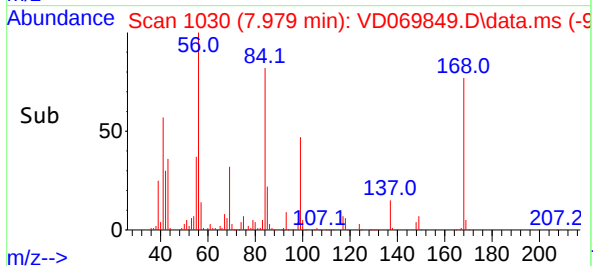
Instrument :
MSVOA_D
ClientSampled :
WASTE



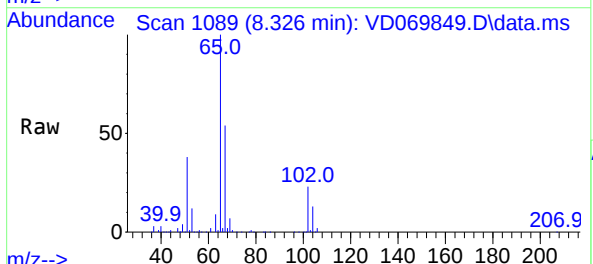
Tgt Ion: 56 Resp: 669032
Ion Ratio Lower Upper
56 100
69 32.2 27.9 41.9
84 81.9 71.4 107.2

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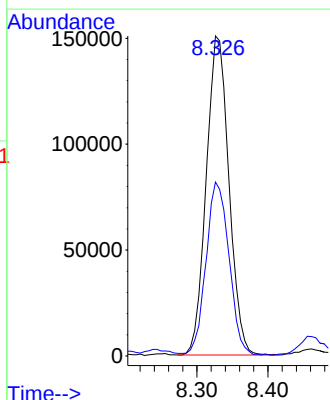
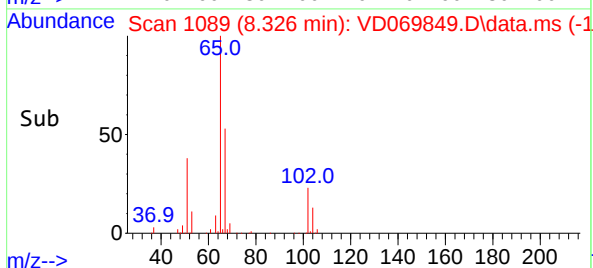
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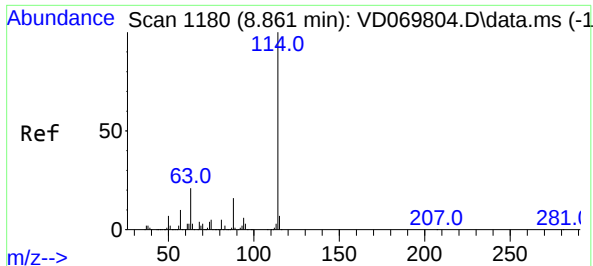


#33
1,2-Dichloroethane-d4
Concen: 77.361 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55



Tgt Ion: 65 Resp: 334908
Ion Ratio Lower Upper
65 100
67 54.7 0.0 111.2





#34

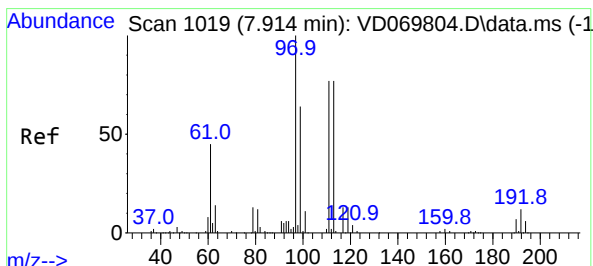
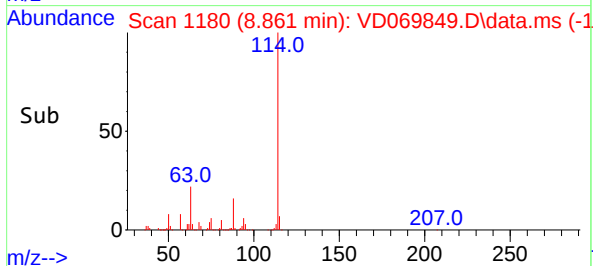
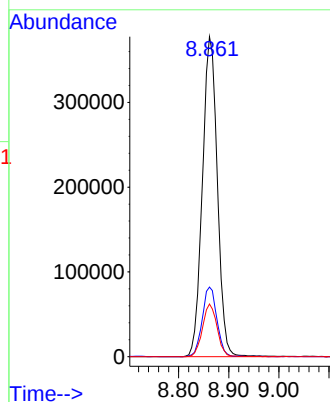
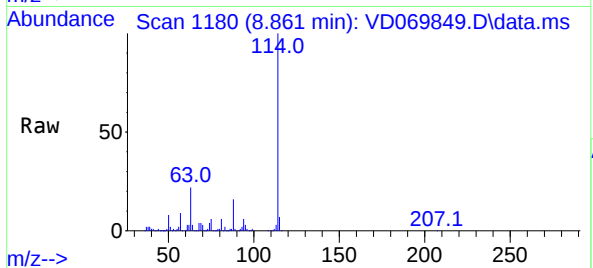
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

Tgt Ion:114 Resp: 783283
Ion Ratio Lower Upper
114 100
63 21.7 0.0 41.6
88 16.5 0.0 31.4

Instrument :
MSVOA_D
ClientSampled :
WASTE

Manual Integrations
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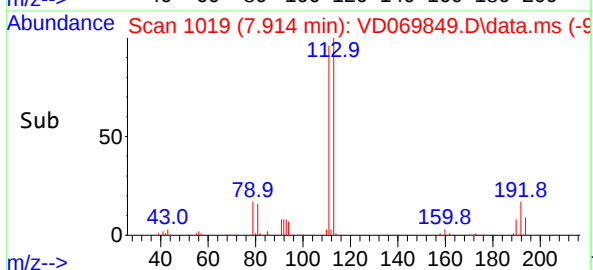
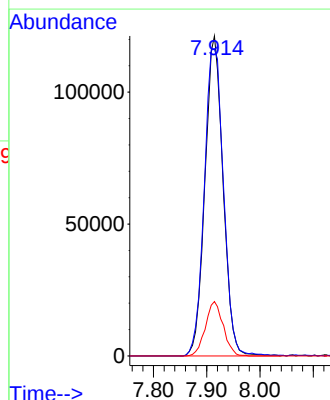
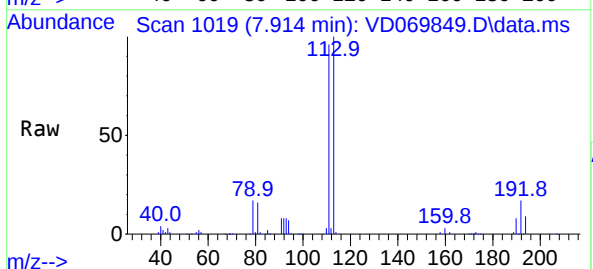
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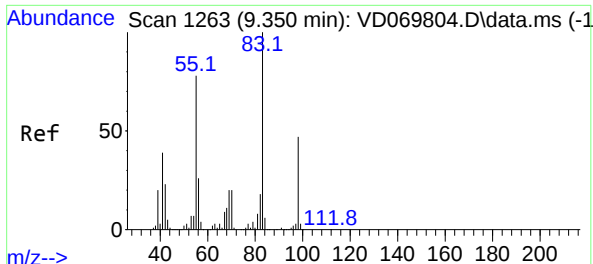


#35

Dibromofluoromethane
Concen: 57.801 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

Tgt Ion:113 Resp: 285409
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 16.8 12.6 19.0





#39

Methylcyclohexane

Concen: 278.308 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD069849.D

Acq: 26 Jul 2021 15:55

Tgt Ion: 83 Resp: 2694283

Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.2	93.2
98	47.2	37.8	56.8

Instrument :

MSVOA_D

ClientSampleId :

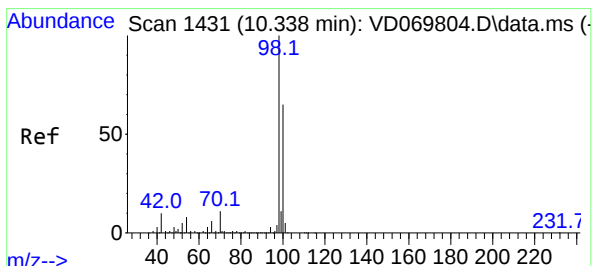
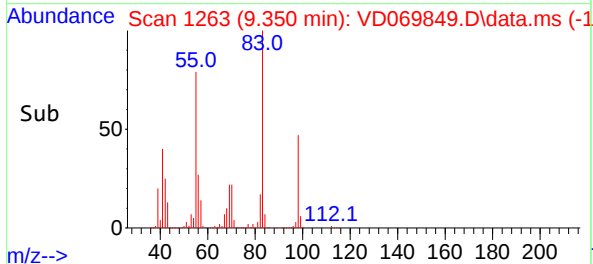
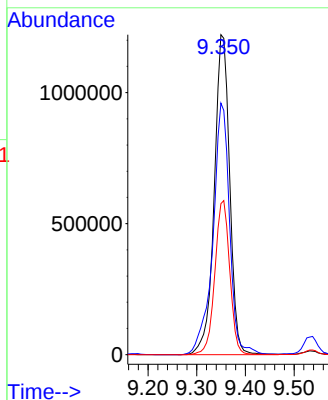
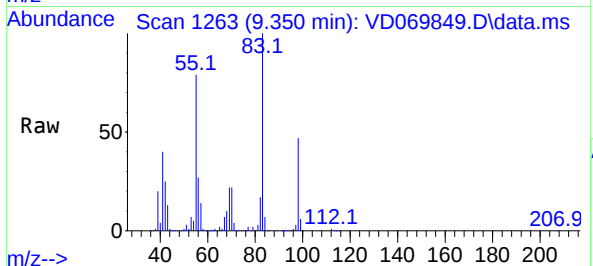
WASTE

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#50

Toluene-d8

Concen: 61.885 ug/l

RT: 10.338 min Scan# 1431

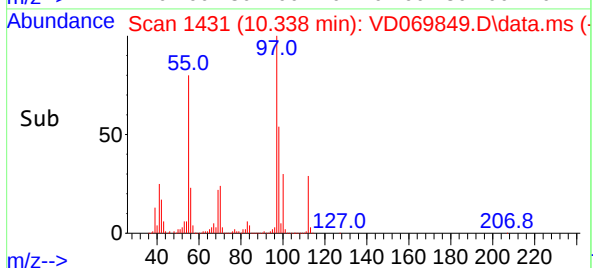
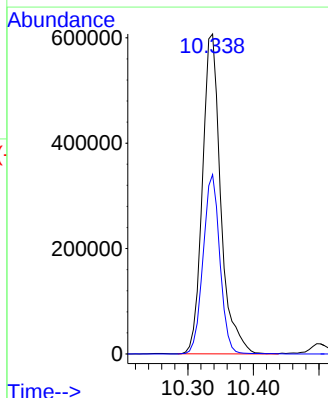
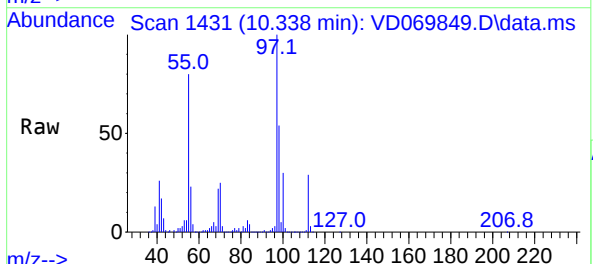
Delta R.T. -0.000 min

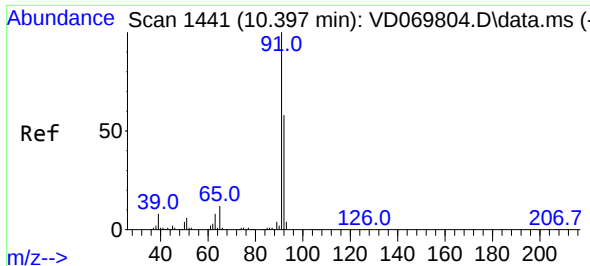
Lab File: VD069849.D

Acq: 26 Jul 2021 15:55

Tgt Ion: 98 Resp: 1178285

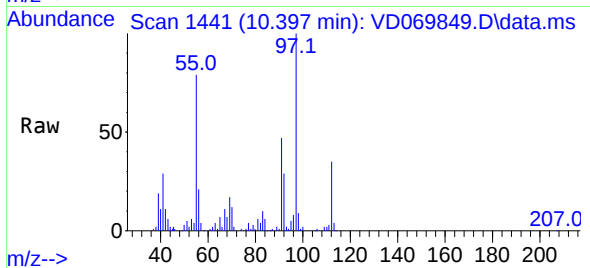
Ion	Ratio	Lower	Upper
98	100		
100	51.3	51.9	77.9#





#52
Toluene
Concen: 2.255 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

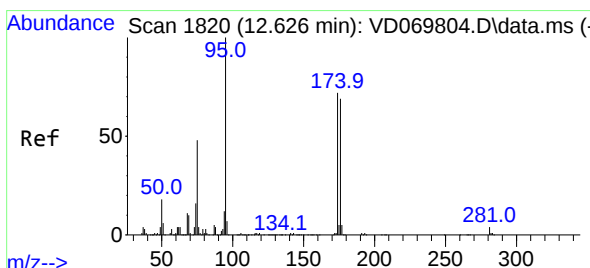
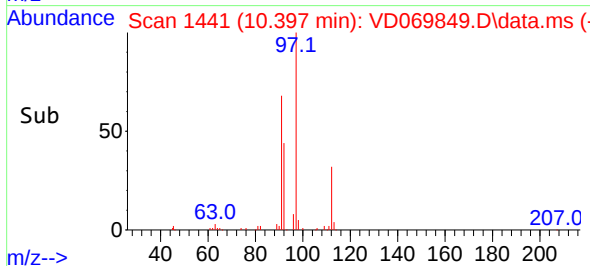
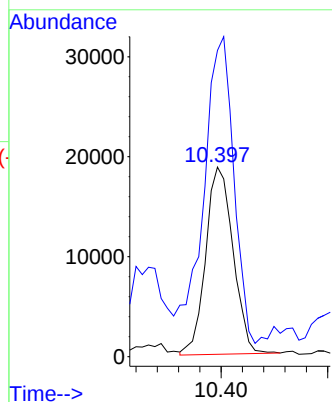
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 92 Resp: 33494
Ion Ratio Lower Upper
92 100
91 178.6 138.7 208.1

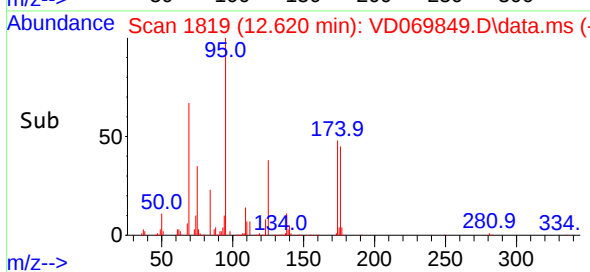
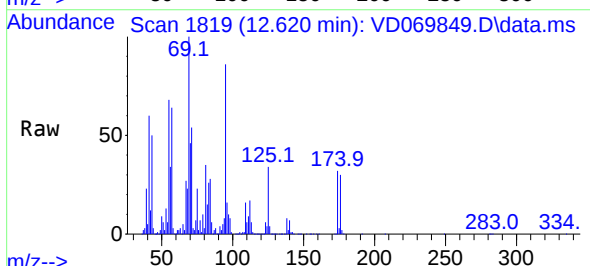
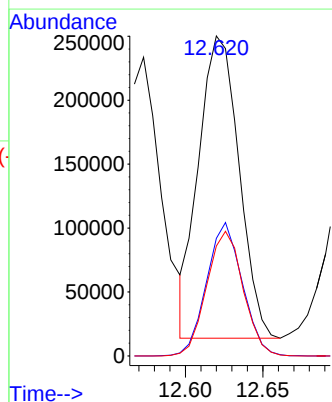
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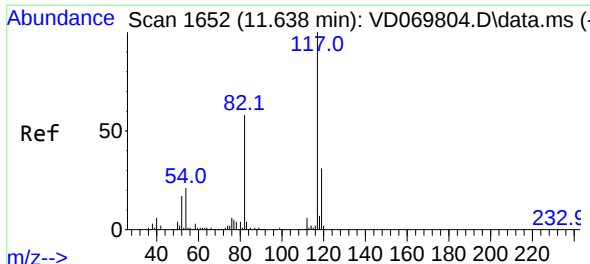
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#62
4-Bromofluorobenzene
Concen: 67.155 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

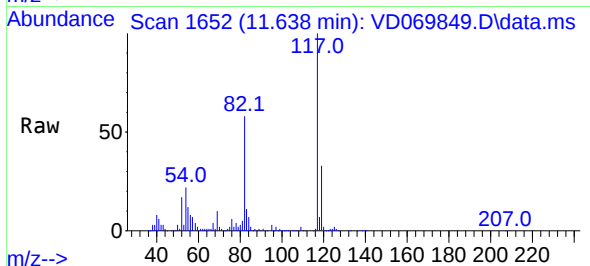
Tgt Ion: 95 Resp: 427321
Ion Ratio Lower Upper
95 100
174 39.2 0.0 142.6
176 37.2 0.0 134.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

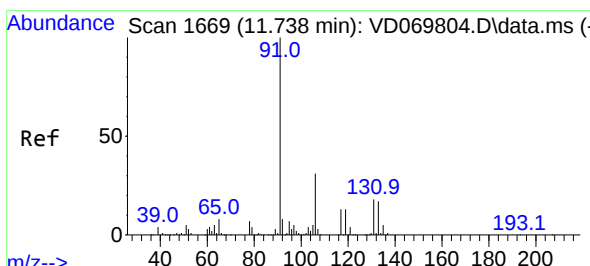
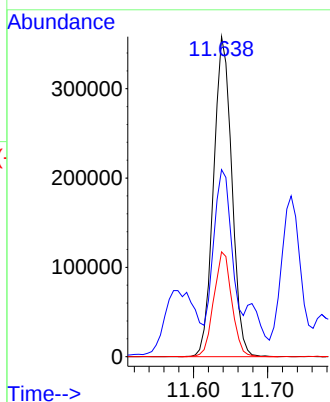
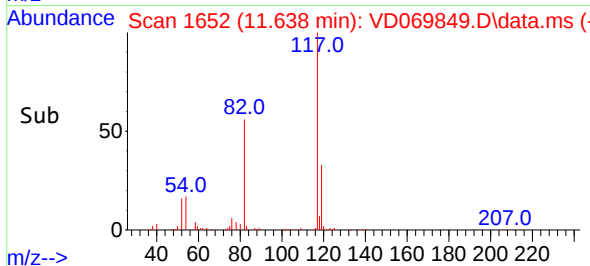
Instrument :
MSVOA_D
ClientSampleId :
WASTE



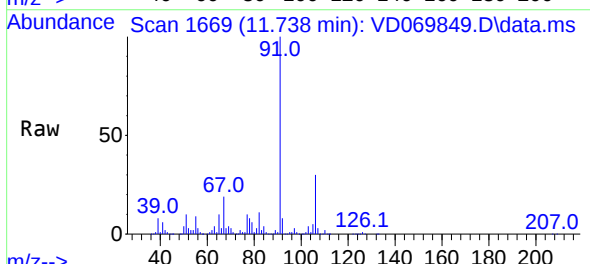
Tgt Ion:117 Resp: 613538
Ion Ratio Lower Upper
117 100
82 40.0 46.3 69.5#
119 32.8 24.7 37.1

Manual Integrations
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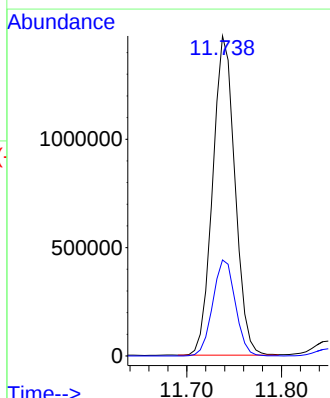
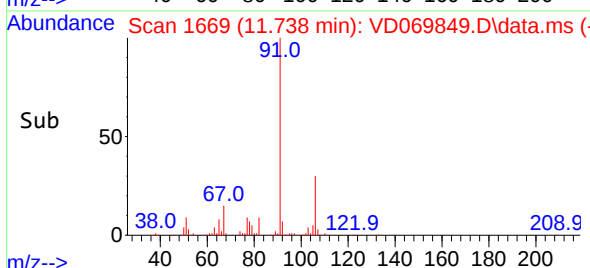
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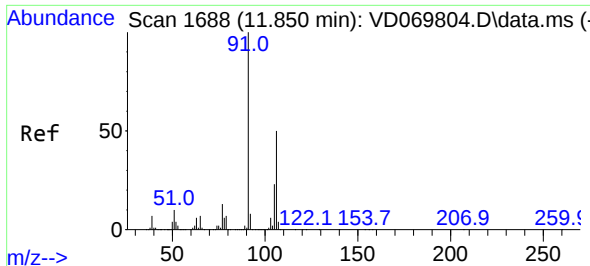


#67
Ethyl Benzene
Concen: 107.479 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55



Tgt Ion: 91 Resp: 2405254
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3





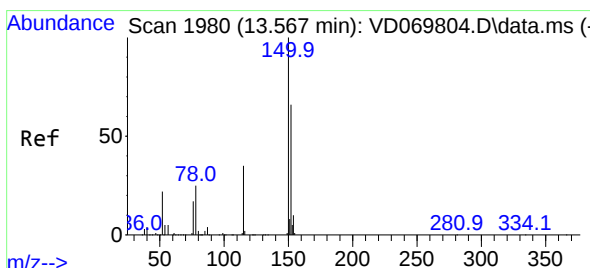
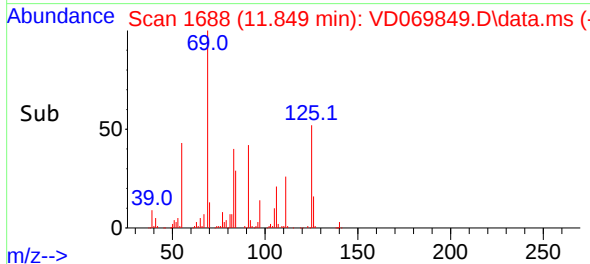
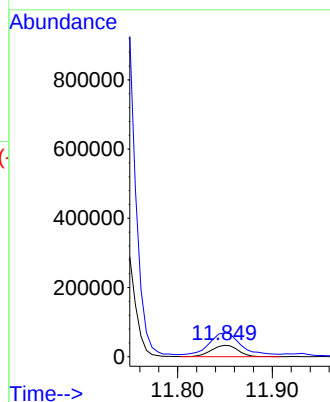
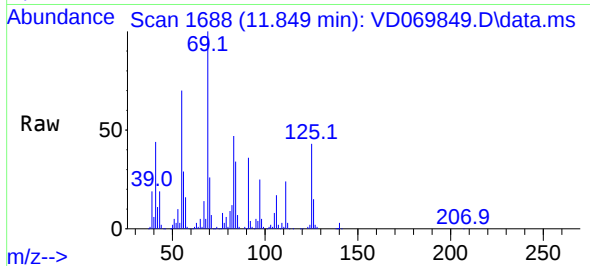
#68
m/p-Xylenes
Concen: 7.448 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

Instrument :
MSVOA_D
ClientSampleId :
WASTE

Tgt Ion:106 Resp: 64611
Ion Ratio Lower Upper
106 100
91 216.0 162.4 243.6

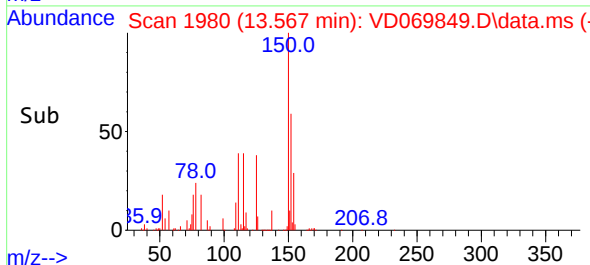
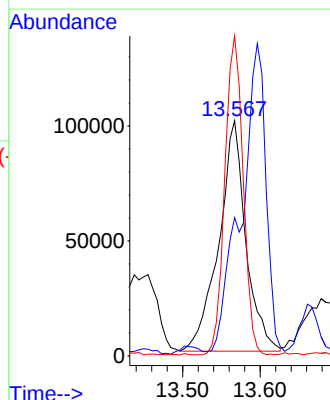
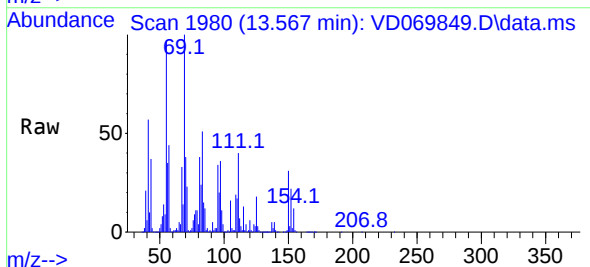
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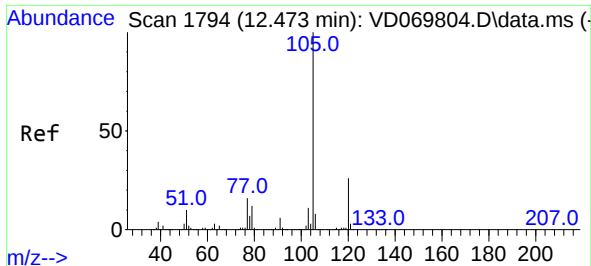
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

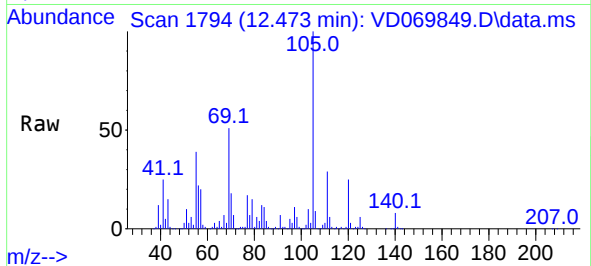
Tgt Ion:152 Resp: 243302
Ion Ratio Lower Upper
152 100
115 0.0 31.1 93.3#
150 93.5 0.0 343.0





#73
Isopropylbenzene
Concen: 88.695 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

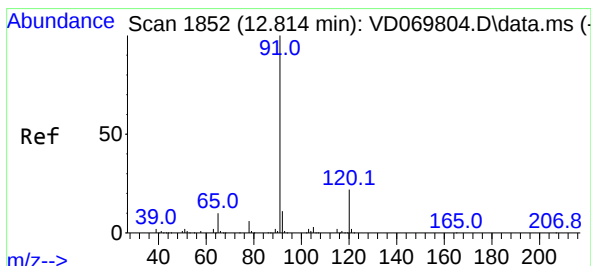
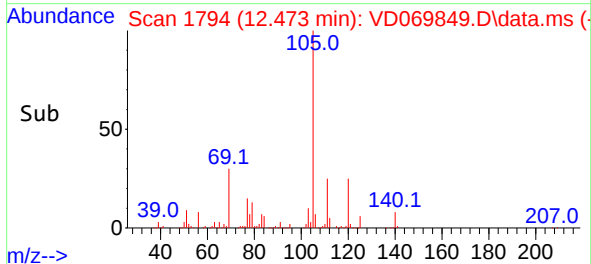
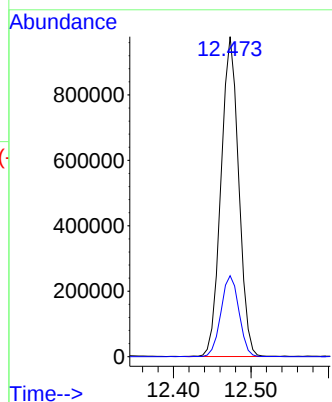
Instrument :
MSVOA_D
ClientSampled :
WASTE



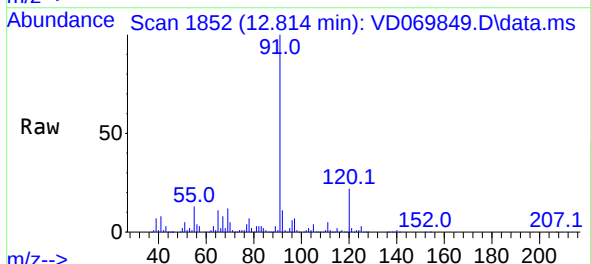
Tgt Ion:105 Resp: 1550522
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9

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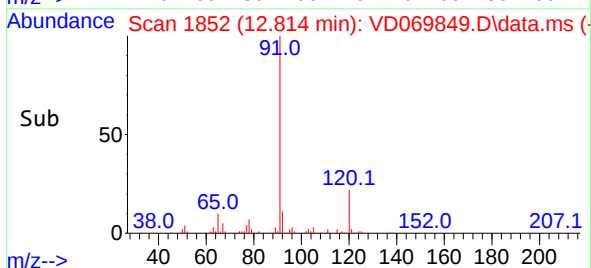
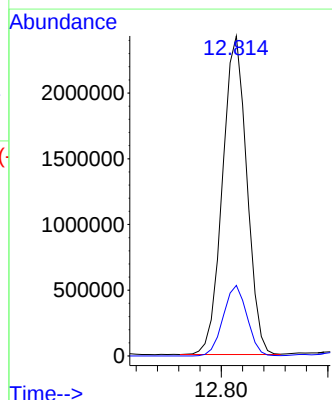
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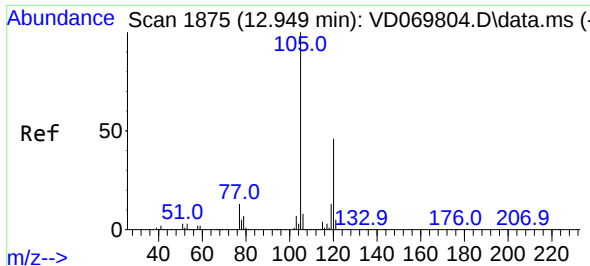


#78
n-propylbenzene
Concen: 171.186 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55



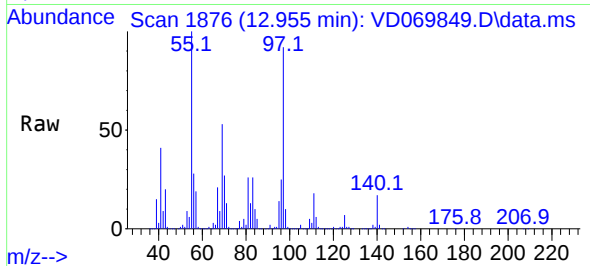
Tgt Ion: 91 Resp: 3843628
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7





#80
1,3,5-Trimethylbenzene
Concen: 3.952 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

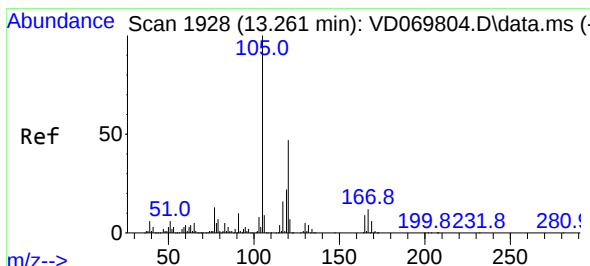
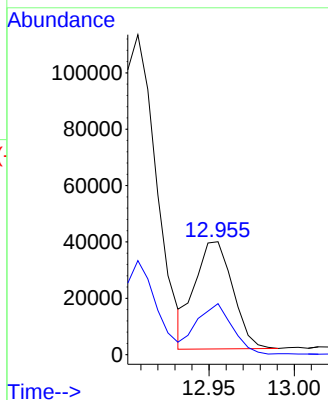
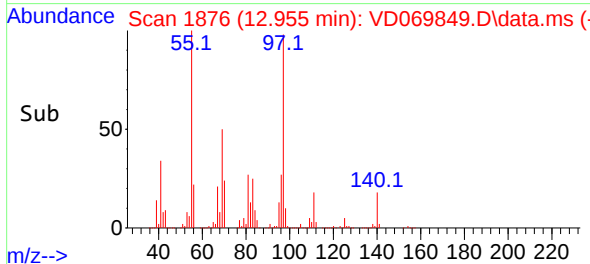
Instrument :
MSVOA_D
ClientSampleId :
WASTE



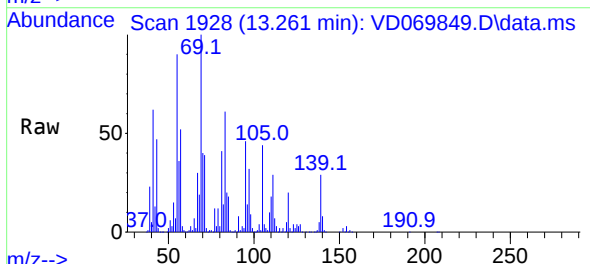
Tgt Ion:105 Resp: 59093
Ion Ratio Lower Upper
105 100
120 44.9 23.8 71.2

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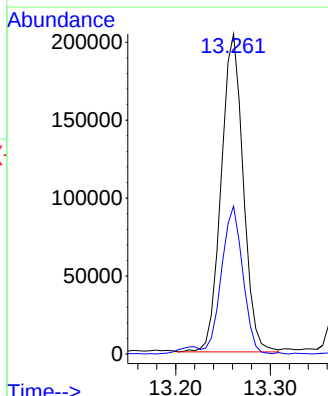
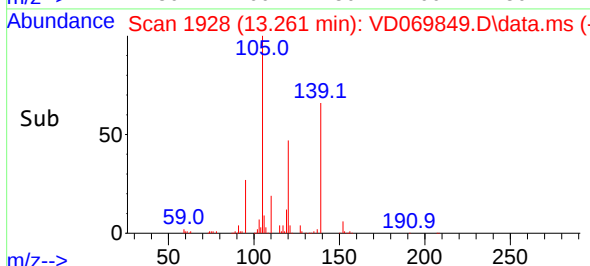
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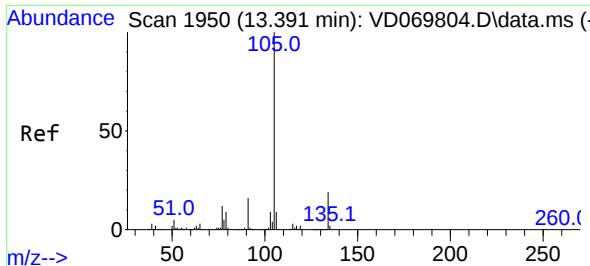


#84
1,2,4-Trimethylbenzene
Concen: 22.356 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55



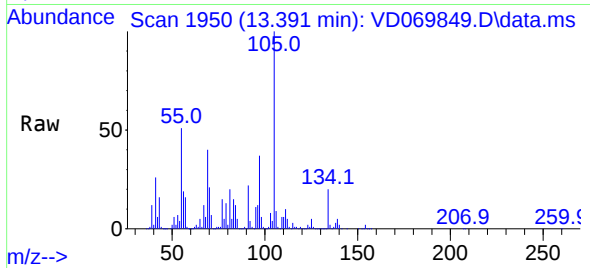
Tgt Ion:105 Resp: 329815
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 135.272 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD069849.D
 Acq: 26 Jul 2021 15:55

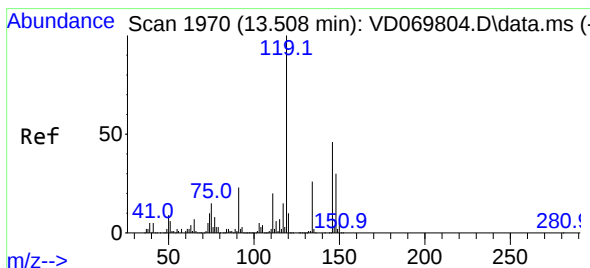
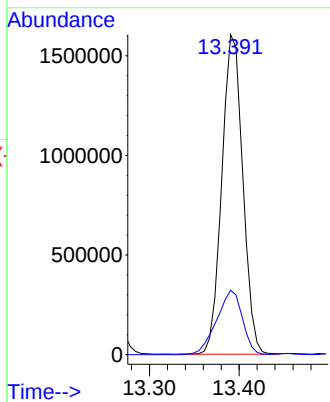
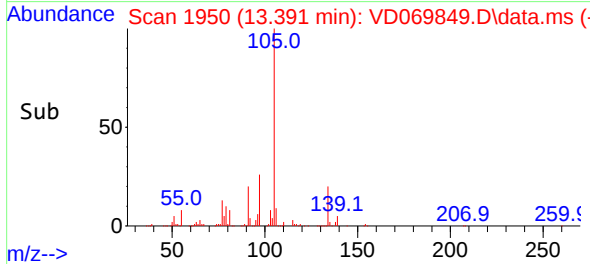
Instrument :
 MSVOA_D
 ClientSampleId :
 WASTE



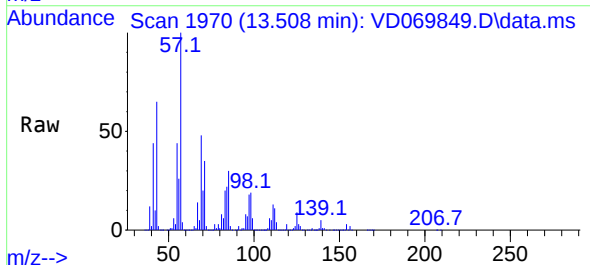
Tgt Ion:105 Resp: 2600055
 Ion Ratio Lower Upper
 105 100
 134 24.7 9.6 28.6

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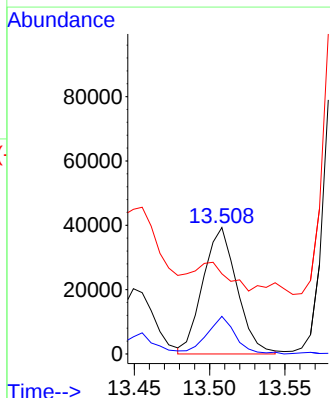
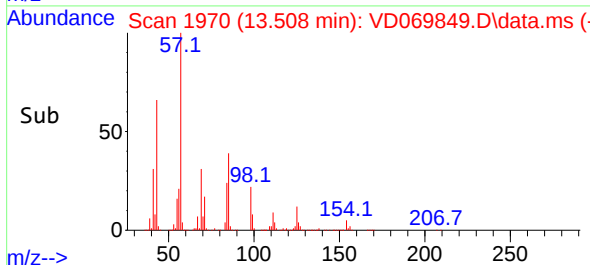
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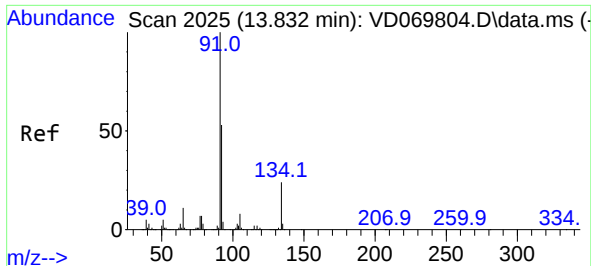


#86
 p-Isopropyltoluene
 Concen: 3.954 ug/l m
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD069849.D
 Acq: 26 Jul 2021 15:55



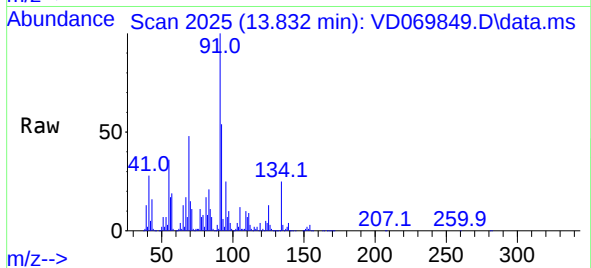
Tgt Ion:119 Resp: 61745
 Ion Ratio Lower Upper
 119 100
 134 180.3 12.6 37.8#
 91 172.4 11.7 35.1#





#89
n-Butylbenzene
Concen: 150.232 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069849.D
Acq: 26 Jul 2021 15:55

Instrument :
MSVOA_D
ClientSampleId :
WASTE



Tgt Ion: 91 Resp: 2315222

Ion	Ratio	Lower	Upper
91	100		
92	50.5	26.6	79.7
134	37.5	11.9	35.7#

Manual Integrations
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