

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
 Data File : VD071275.D
 Acq On : 11 Dec 2021 17:44
 Operator : VA/SY
 Sample : M5051-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-1

Quant Time: Dec 12 17:55:22 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/12/2021
 Supervised By :Amit Patel 12/13/2021

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	256089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	433197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	472490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	305079	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	129559	43.116	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.240%		
35) Dibromofluoromethane	7.914	113	135767	49.217	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.440%		
50) Toluene-d8	10.338	98	557705	53.126	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.260%		
62) 4-Bromofluorobenzene	12.620	95	262931	72.256	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	144.520%#		
Target Compounds						Qvalue
16) Acetone	4.156	43	6635	38.087	ug/l	95
20) Methylene Chloride	4.967	84	38062	9.139	ug/l	89
52) Toluene	10.397	92	70889m	10.159	ug/l	
67) Ethyl Benzene	11.738	91	695083	42.117	ug/l	98
68) m/p-Xylenes	11.844	106	1305083	209.462	ug/l	96
69) o-Xylene	12.173	106	3467760	592.169	ug/l	98
73) Isopropylbenzene	12.473	105	276185	12.503	ug/l	98
78) n-propylbenzene	12.814	91	456843	16.607	ug/l	# 54
80) 1,3,5-Trimethylbenzene	12.949	105	14108573	774.517	ug/l	92
84) 1,2,4-Trimethylbenzene	13.255	105	14549977	818.131	ug/l	90
85) sec-Butylbenzene	13.391	105	719995	30.133	ug/l	91
86) p-Isopropyltoluene	13.508	119	1282005	65.601	ug/l	91
95) Naphthalene	15.385	128	16867823	1893.848	ug/l	95

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

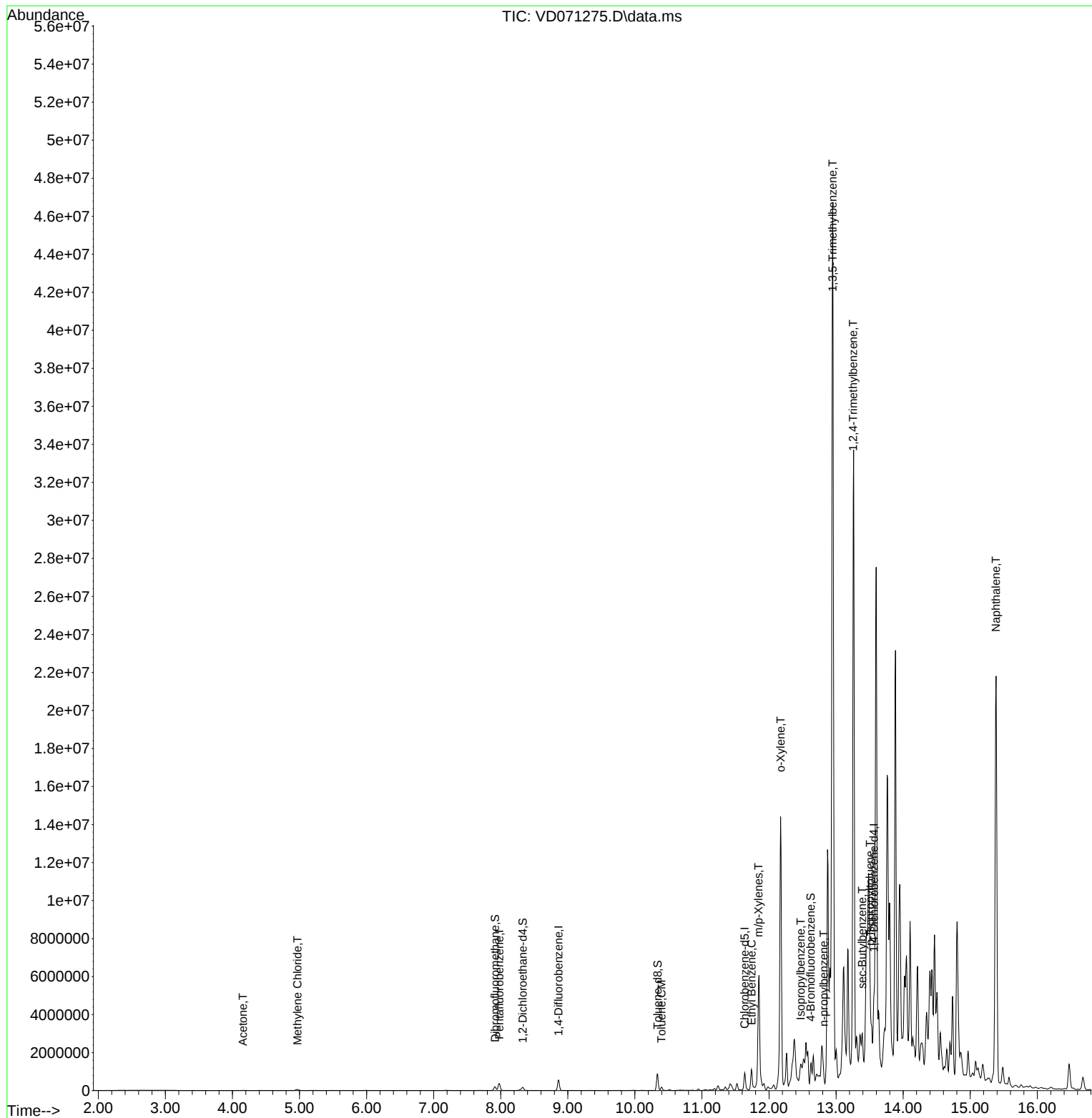
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
Data File : VD071275.D
Acq On : 11 Dec 2021 17:44
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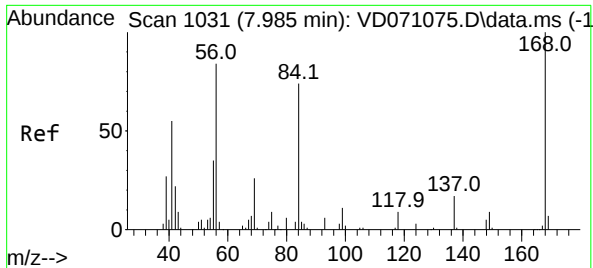
Instrument :
MSVOA_D
ClientSampleId :
P-1

Quant Time: Dec 12 17:55:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
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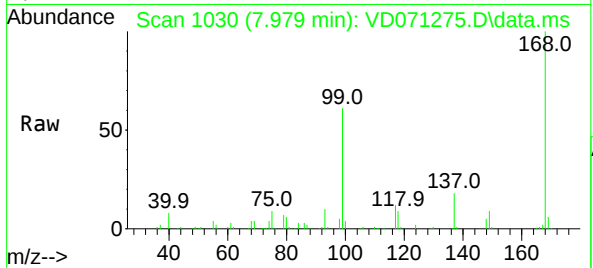
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

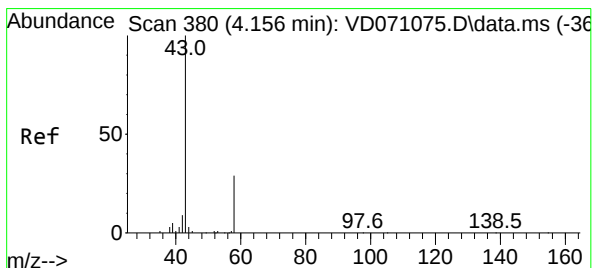
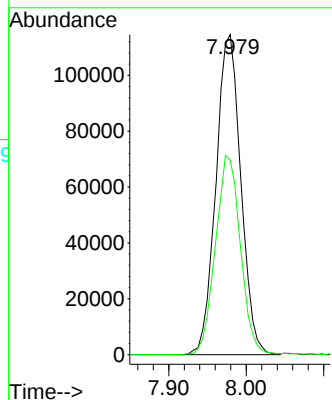
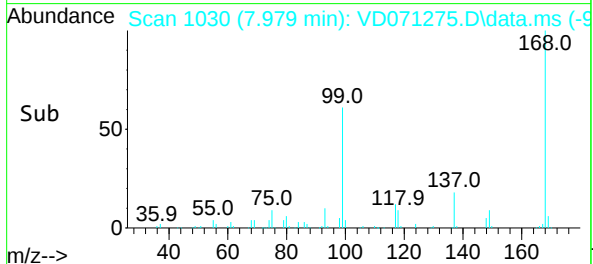
Instrument :
MSVOA_D
ClientSampleId :
P-1



Tgt Ion:168 Resp: 256089
Ion Ratio Lower Upper
168 100
99 60.7 46.6 69.8

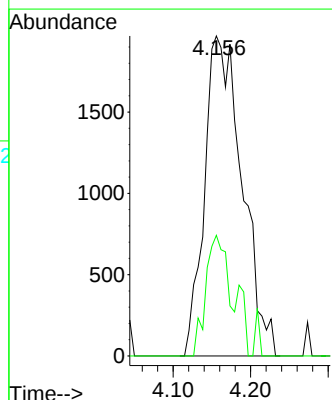
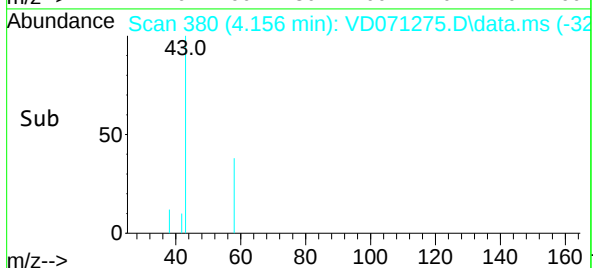
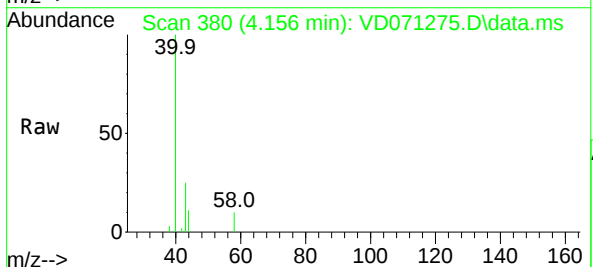
Manual Integrations
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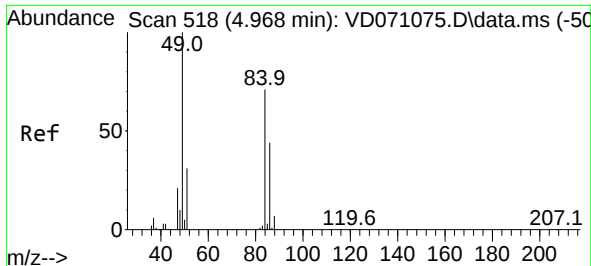
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#16
Acetone
Concen: 38.087 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

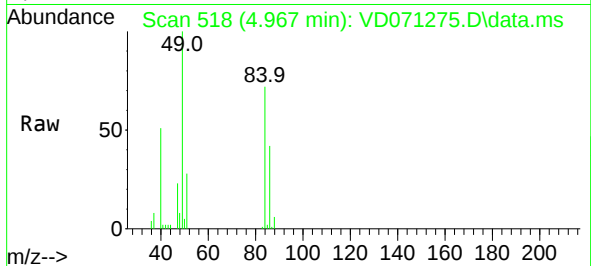
Tgt Ion: 43 Resp: 6635
Ion Ratio Lower Upper
43 100
58 37.7 27.8 41.8





#20
Methylene Chloride
Concen: 9.139 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

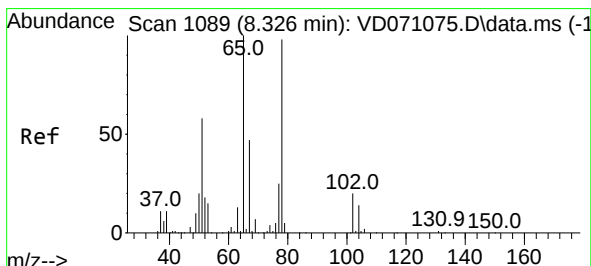
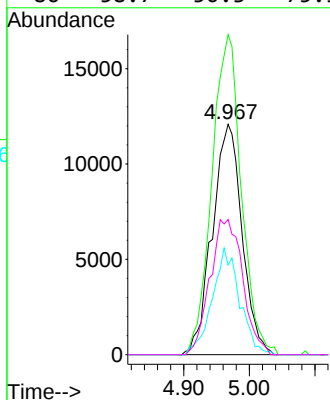
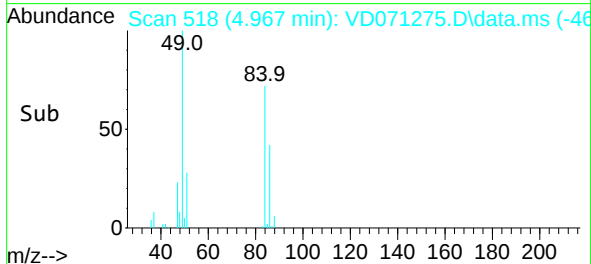
Instrument :
MSVOA_D
ClientSampleId :
P-1



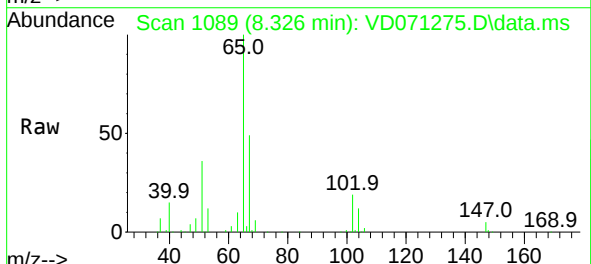
Tgt Ion: 84 Resp: 38062
Ion Ratio Lower Upper
84 100
49 138.9 95.8 143.6
51 38.9 30.9 46.3
86 58.7 50.3 75.5

Manual Integrations
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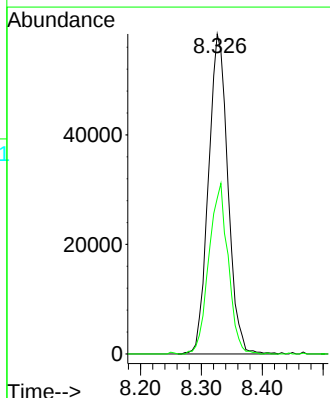
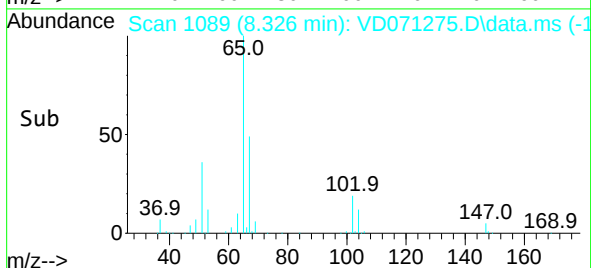
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

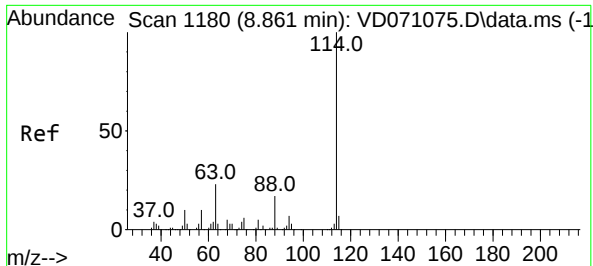


#33
1,2-Dichloroethane-d4
Concen: 43.116 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44



Tgt Ion: 65 Resp: 129559
Ion Ratio Lower Upper
65 100
67 52.7 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: VD071275.D

Acq: 11 Dec 2021 17:44

Instrument :

MSVOA_D

ClientSampleId :

P-1

Tgt Ion:114 Resp: 43319

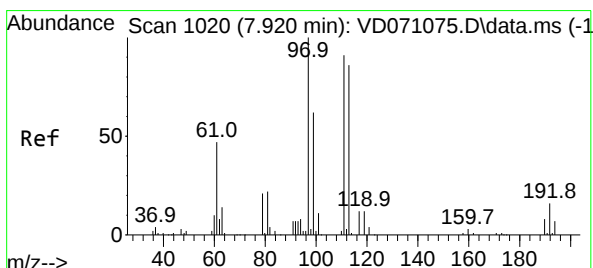
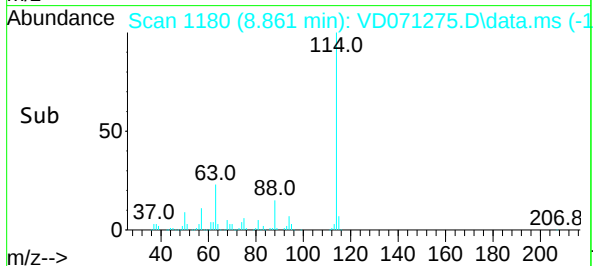
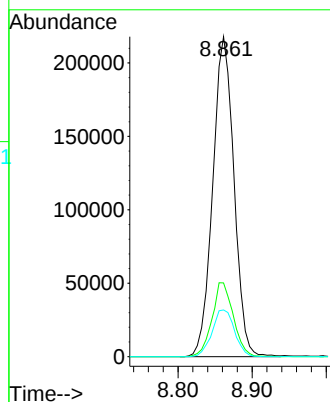
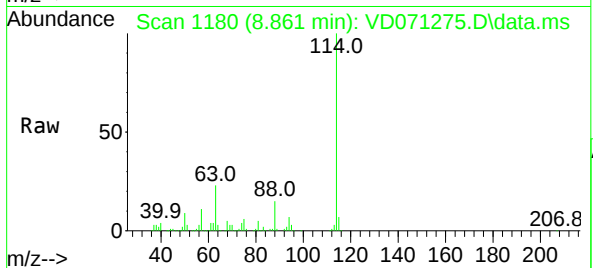
Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	41.8
88	14.6	0.0	32.8

Manual Integrations

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Supervised By :Amit Patel 12/13/2021



#35

Dibromofluoromethane

Concen: 49.217 ug/l

RT: 7.914 min Scan# 1019

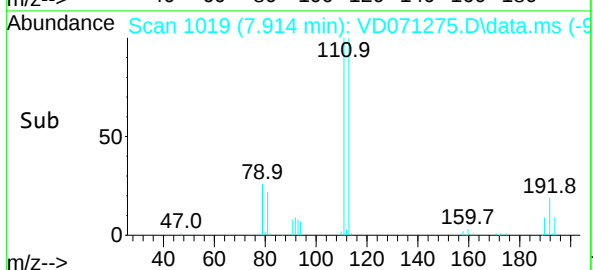
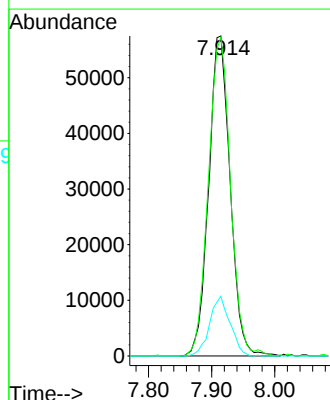
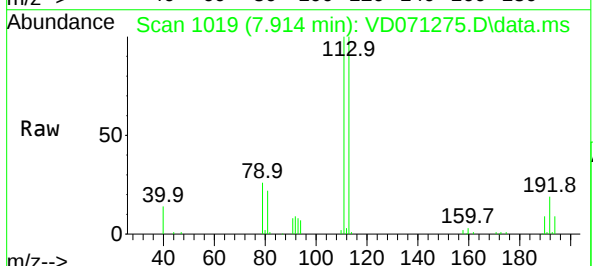
Delta R.T. -0.006 min

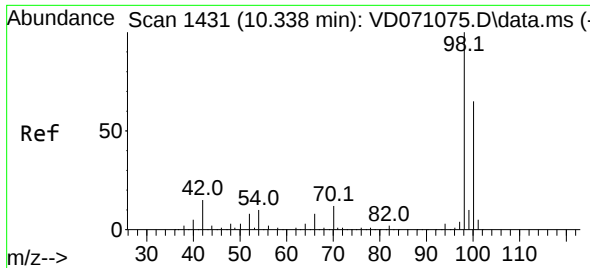
Lab File: VD071275.D

Acq: 11 Dec 2021 17:44

Tgt Ion:113 Resp: 135767

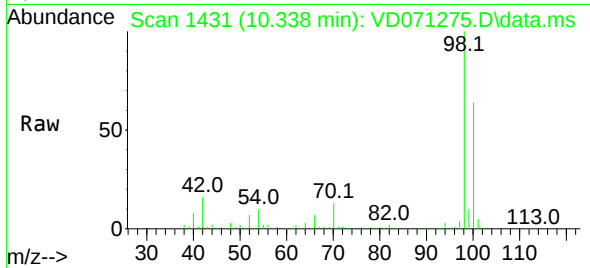
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	17.7	15.2	22.8





#50
Toluene-d8
Concen: 53.126 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

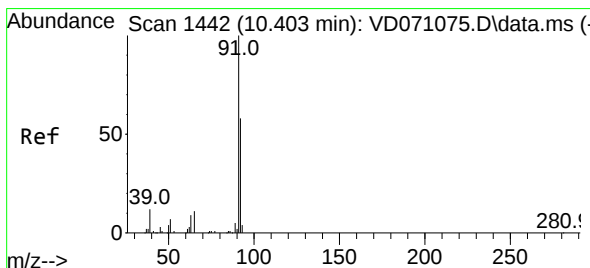
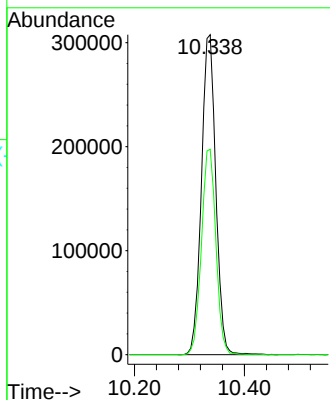
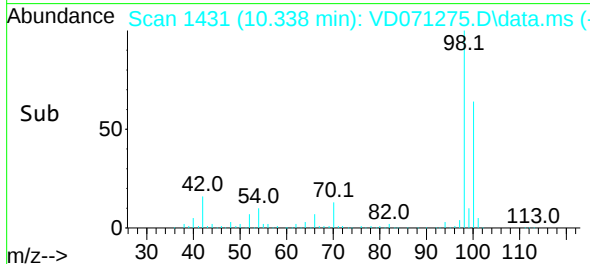
Instrument :
MSVOA_D
ClientSampleId :
P-1



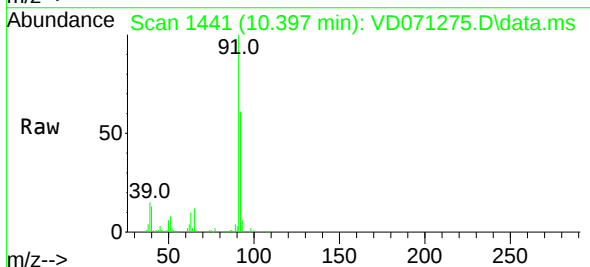
Tgt Ion: 98 Resp: 55770
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

Manual Integrations
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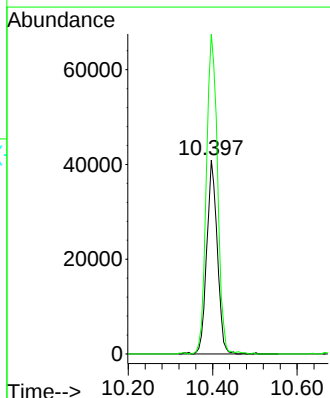
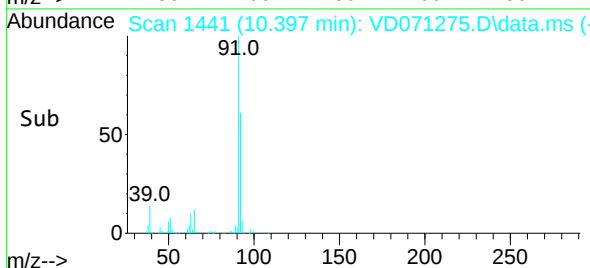
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

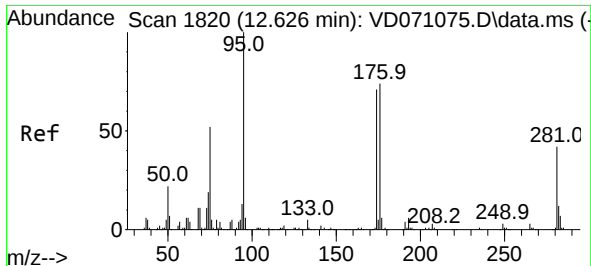


#52
Toluene
Concen: 10.159 ug/l m
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44



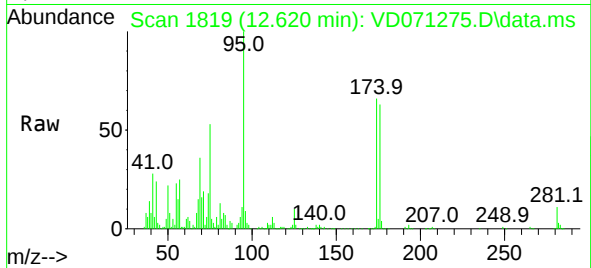
Tgt Ion: 92 Resp: 70889
Ion Ratio Lower Upper
92 100
91 0.0 140.7 211.1#





#62
4-Bromofluorobenzene
Concen: 72.256 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

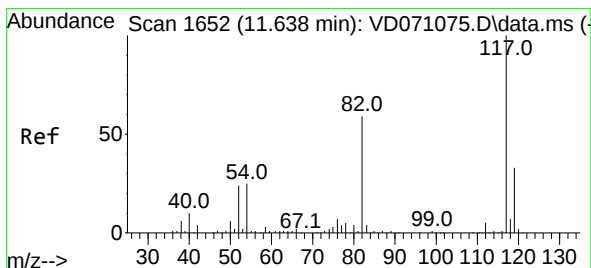
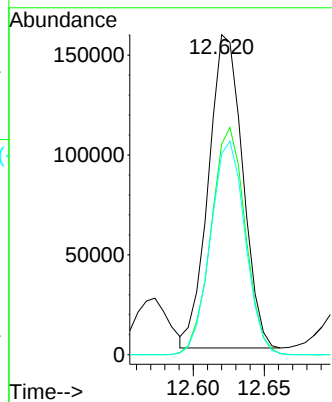
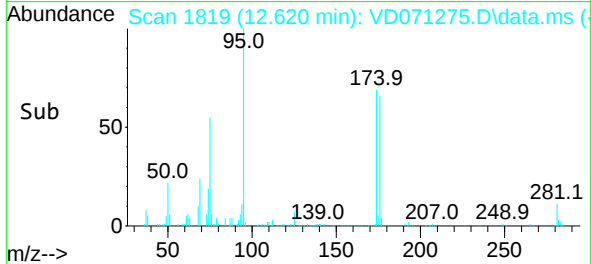
Instrument :
MSVOA_D
ClientSampleId :
P-1



Tgt Ion: 95 Resp: 26293
Ion Ratio Lower Upper
95 100
174 72.5 0.0 159.4
176 68.8 0.0 154.0

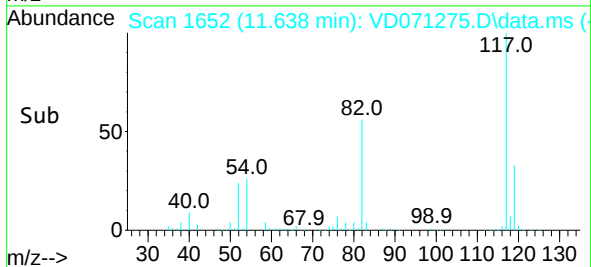
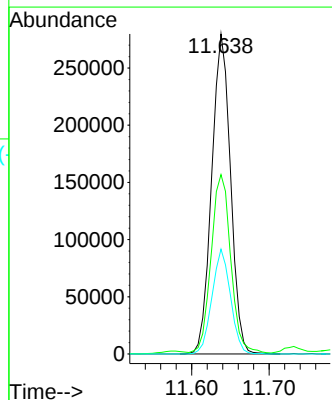
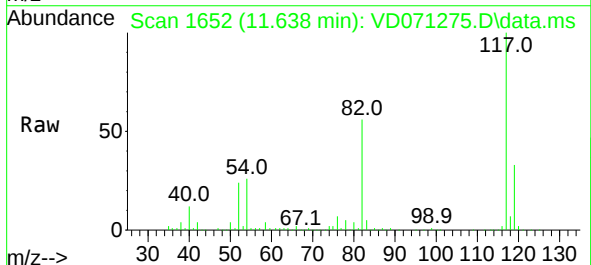
Manual Integrations
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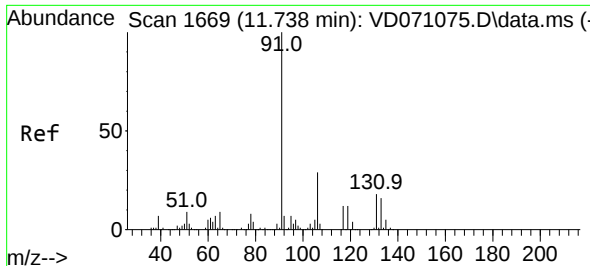
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

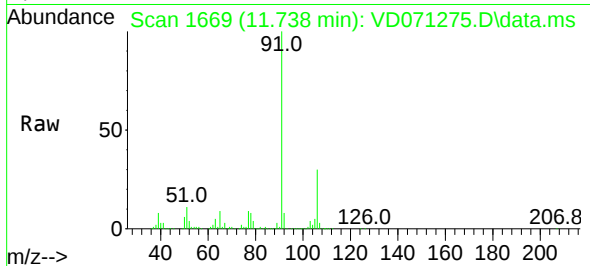
Tgt Ion:117 Resp: 472490
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 32.8 26.2 39.4





#67
Ethyl Benzene
Concen: 42.117 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

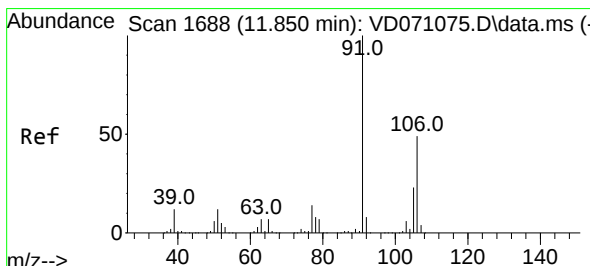
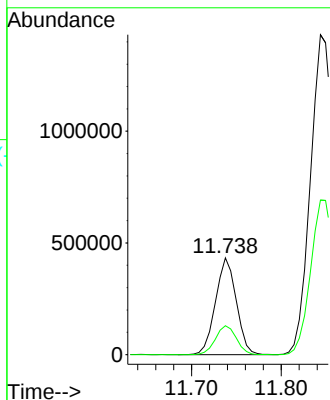
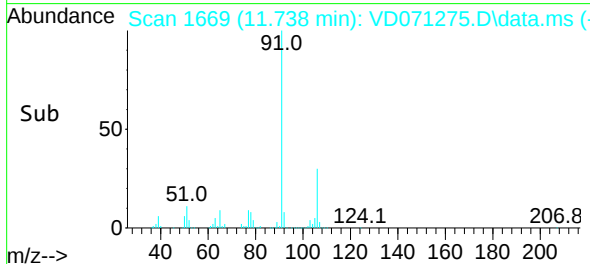
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MSVOA_D
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P-1



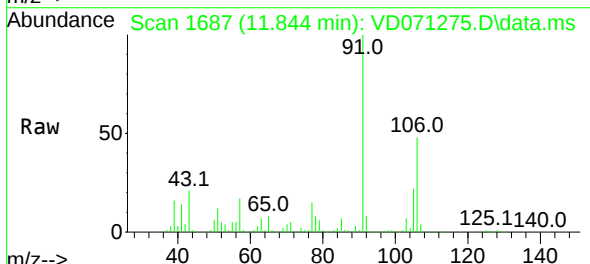
Tgt Ion: 91 Resp: 695083
Ion Ratio Lower Upper
91 100
106 29.9 24.6 36.8

Manual Integrations
APPROVED

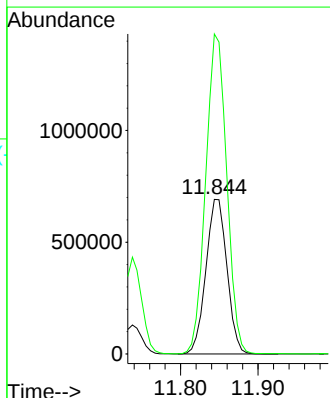
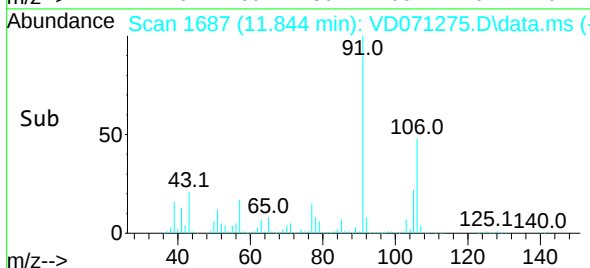
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

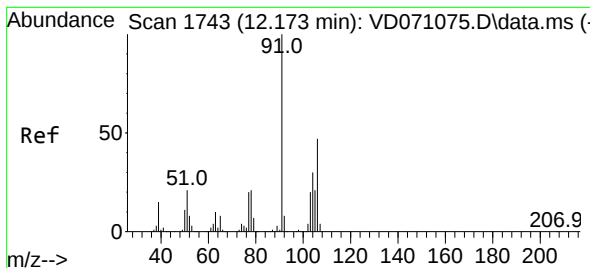


#68
m/p-Xylenes
Concen: 209.462 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44



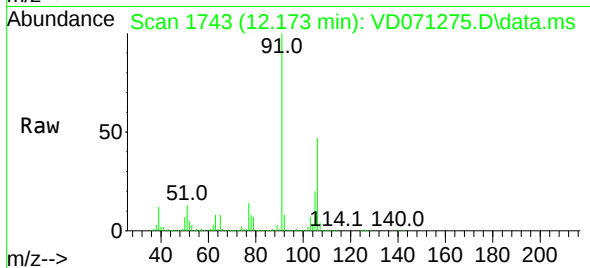
Tgt Ion:106 Resp: 1305083
Ion Ratio Lower Upper
106 100
91 206.7 160.1 240.1





#69
o-Xylene
Concen: 592.169 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

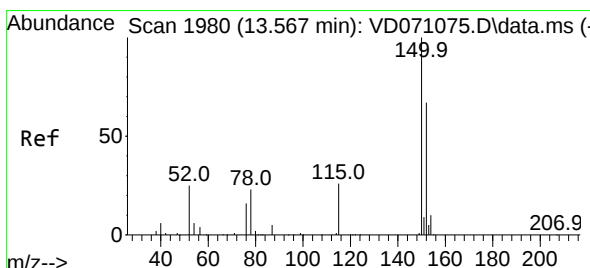
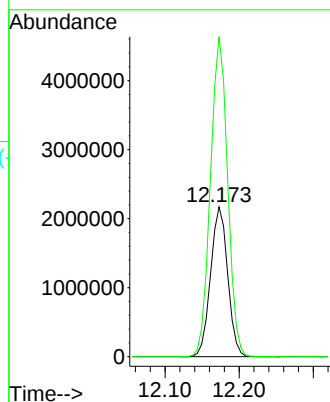
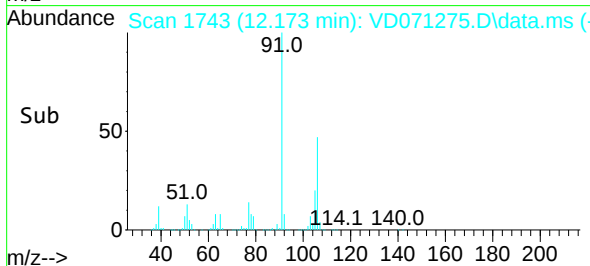
Instrument :
MSVOA_D
ClientSampleId :
P-1



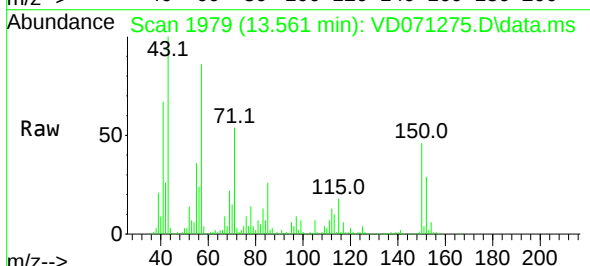
Tgt Ion:106 Resp: 3467760
Ion Ratio Lower Upper
106 100
91 215.7 106.3 319.0

Manual Integrations
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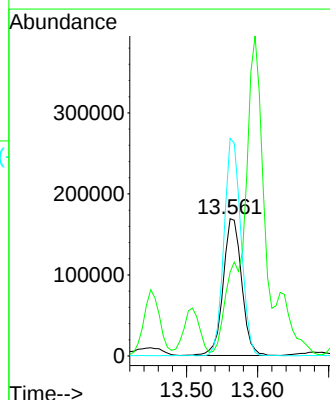
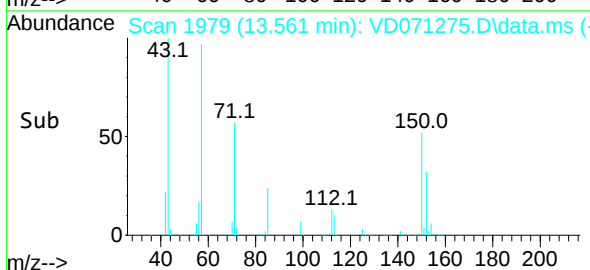
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

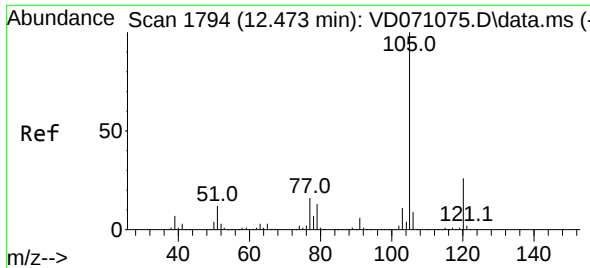


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44



Tgt Ion:152 Resp: 305079
Ion Ratio Lower Upper
152 100
115 0.0 29.8 89.3#
150 145.2 0.0 349.2





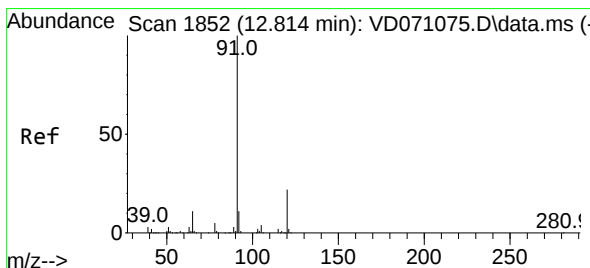
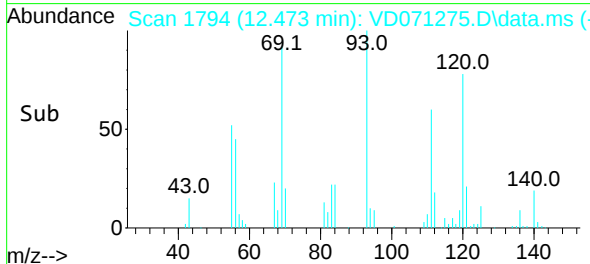
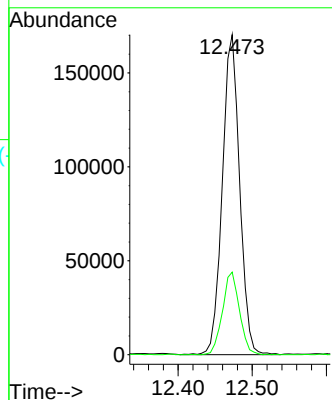
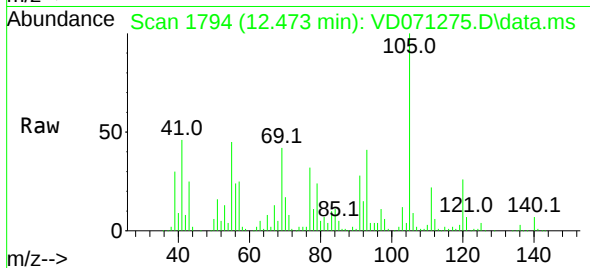
#73
Isopropylbenzene
Concen: 12.503 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_D
ClientSampleId :
P-1

Tgt Ion:105 Resp: 276185
Ion Ratio Lower Upper
105 100
120 25.3 13.2 39.5

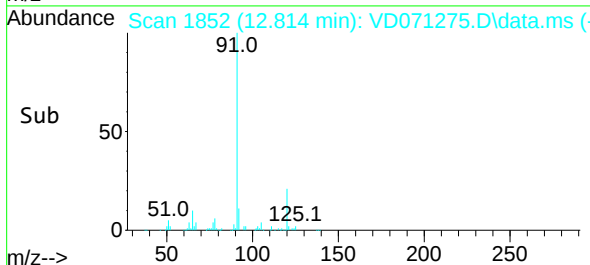
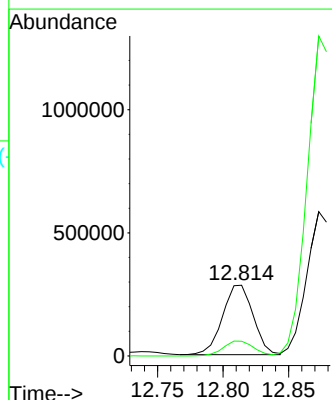
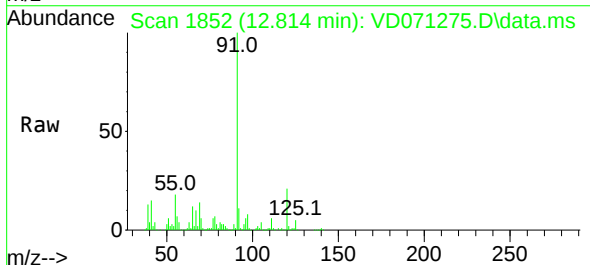
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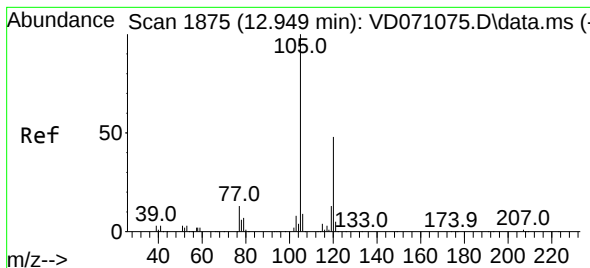
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021



#78
n-propylbenzene
Concen: 16.607 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

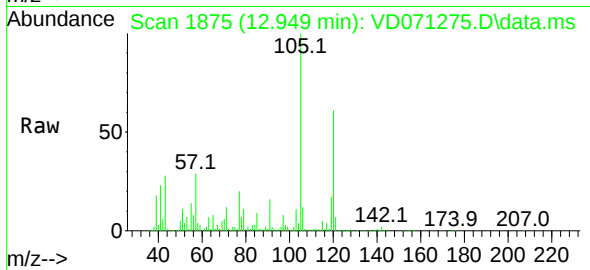
Tgt Ion: 91 Resp: 456843
Ion Ratio Lower Upper
91 100
120 0.0 10.9 32.9





#80
 1,3,5-Trimethylbenzene
 Concen: 774.517 ug/l
 RT: 12.949 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VD071275.D
 Acq: 11 Dec 2021 17:44

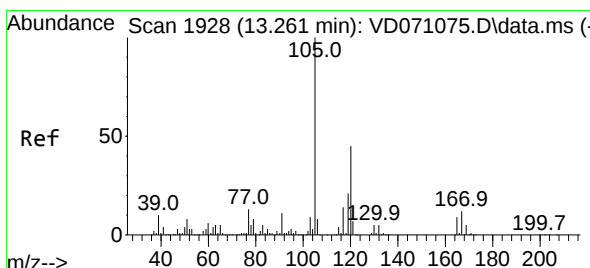
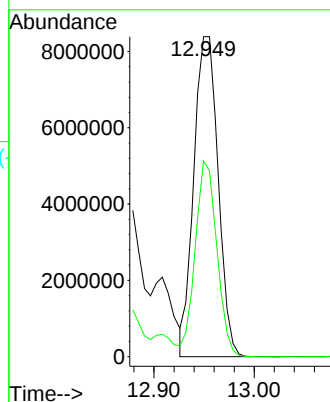
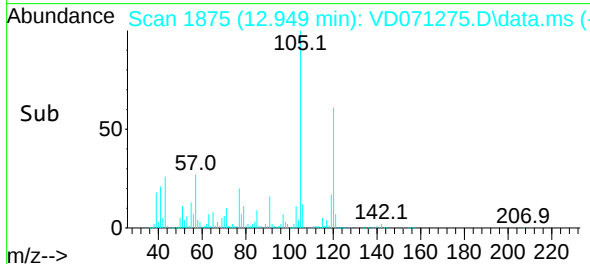
Instrument :
 MSVOA_D
 ClientSampleId :
 P-1



Tgt Ion:105 Resp:1410857
 Ion Ratio Lower Upper
 105 100
 120 54.7 24.6 73.8

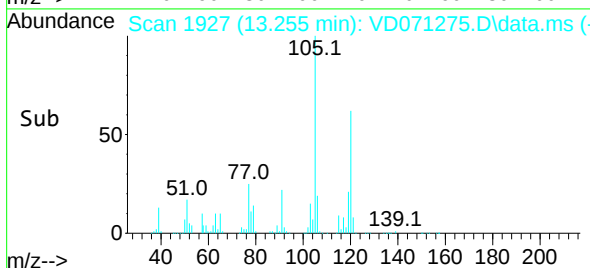
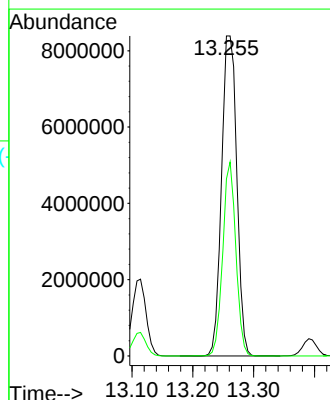
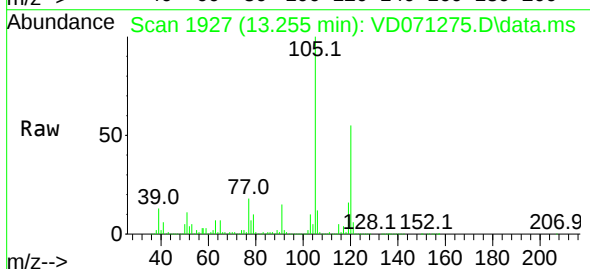
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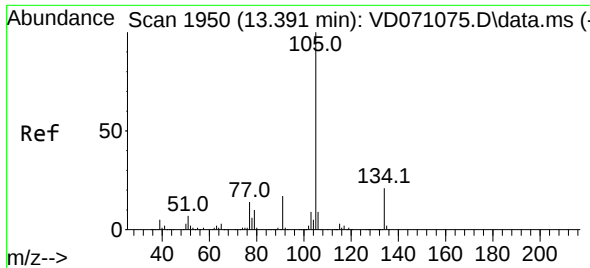
Reviewed By :Semsettin Yesilyurt 12/12/2021
 Supervised By :Amit Patel 12/13/2021



#84
 1,2,4-Trimethylbenzene
 Concen: 818.131 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.006 min
 Lab File: VD071275.D
 Acq: 11 Dec 2021 17:44

Tgt Ion:105 Resp:14549977
 Ion Ratio Lower Upper
 105 100
 120 52.3 22.9 68.7





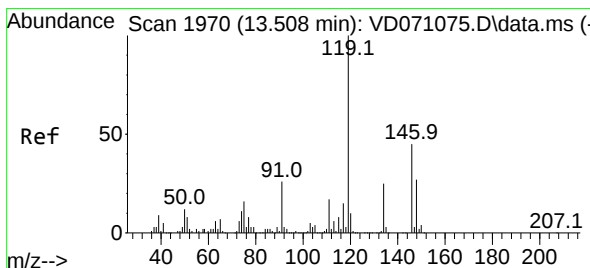
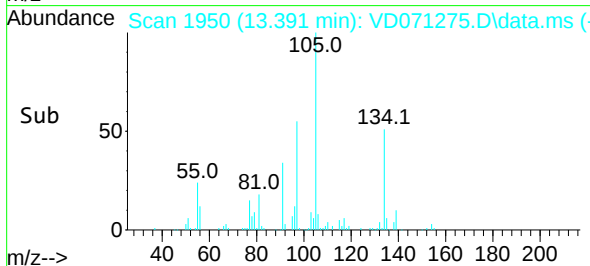
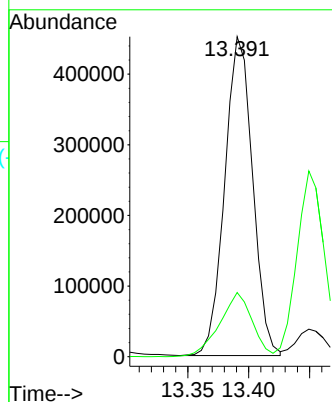
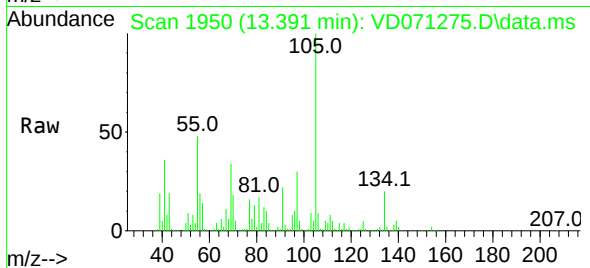
#85
 sec-Butylbenzene
 Concen: 30.133 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD071275.D
 Acq: 11 Dec 2021 17:44

Instrument :
 MSVOA_D
 ClientSampleId :
 P-1

Tgt Ion:105 Resp: 71999
 Ion Ratio Lower Upper
 105 100
 134 23.4 9.7 28.9

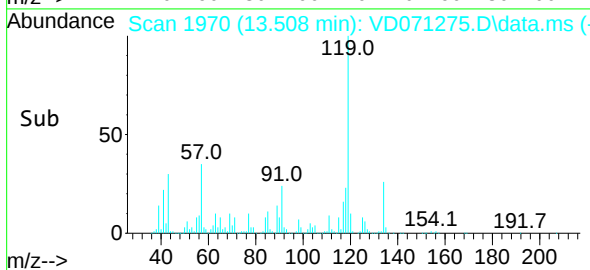
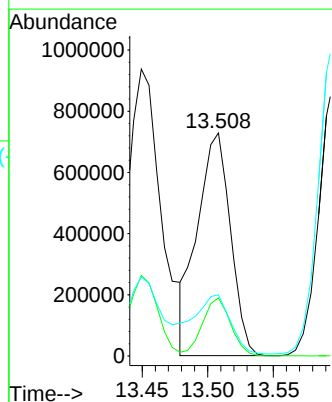
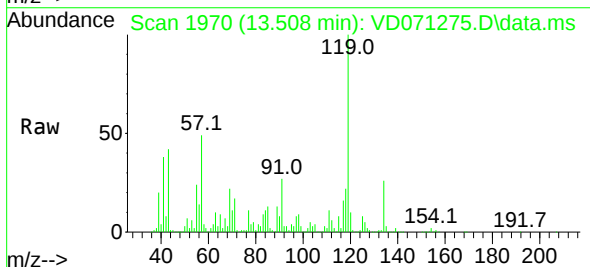
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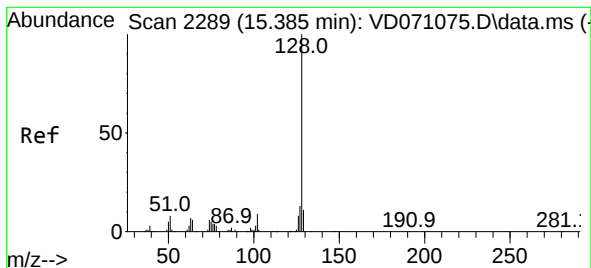
Reviewed By :Semsettin Yesilyurt 12/12/2021
 Supervised By :Amit Patel 12/13/2021



#86
 p-Isopropyltoluene
 Concen: 65.601 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071275.D
 Acq: 11 Dec 2021 17:44

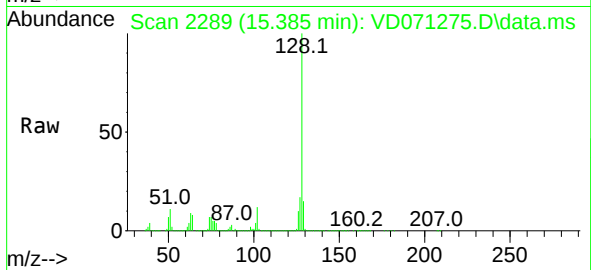
Tgt Ion:119 Resp: 1282005
 Ion Ratio Lower Upper
 119 100
 134 22.1 13.0 38.9
 91 28.2 11.4 34.2





#95
Naphthalene
Concen: 1893.848 ug/l
RT: 15.385 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD071275.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_D
ClientSampleId :
P-1



Tgt Ion:128 Resp:1686782
Ion Ratio Lower Upper
128 100
127 15.4 10.7 16.1
129 13.0 8.7 13.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Amit Patel 12/13/2021

