

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072728.D
 Acq On : 28 Apr 2022 16:49
 Operator : VA/SY
 Sample : N2514-03
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 01:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	310656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	577676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	504097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	221339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	191574	46.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.900%		
35) Dibromofluoromethane	7.908	113	189152	49.168	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.340%		
50) Toluene-d8	10.332	98	899461	64.854	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	129.700%		
62) 4-Bromofluorobenzene	12.620	95	500857	95.754	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	191.500%#		
Target Compounds					Qvalue	
16) Acetone	4.156	43	119943	148.389	ug/l	94
17) Carbon Disulfide	4.409	76	12454	1.008	ug/l #	93
18) Methyl Acetate	4.714	43	20561	8.828	ug/l	96
25) 2-Butanone	7.208	43	47272	39.191	ug/l	95
31) Cyclohexane	7.985	56	559042	78.072	ug/l	94
39) Methylcyclohexane	9.349	83	2083332	279.126	ug/l	98
67) Ethyl Benzene	11.738	91	20066	1.027	ug/l	90
68) m/p-Xylenes	11.838	106	33222	4.459	ug/l	80
69) o-Xylene	12.167	106	37158	5.278	ug/l #	30
73) Isopropylbenzene	12.467	105	723916	42.787	ug/l	99
78) n-propylbenzene	12.808	91	293985	13.903	ug/l	94
80) 1,3,5-Trimethylbenzene	12.949	105	107223	7.496	ug/l	98
83) tert-Butylbenzene	13.208	119	116596	9.744	ug/l	81
84) 1,2,4-Trimethylbenzene	13.255	105	758133	53.076	ug/l	98
85) sec-Butylbenzene	13.390	105	859304	47.540	ug/l #	68
86) p-Isopropyltoluene	13.502	119	89231m	6.031	ug/l	
89) n-Butylbenzene	13.826	91	407689	28.323	ug/l #	86

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

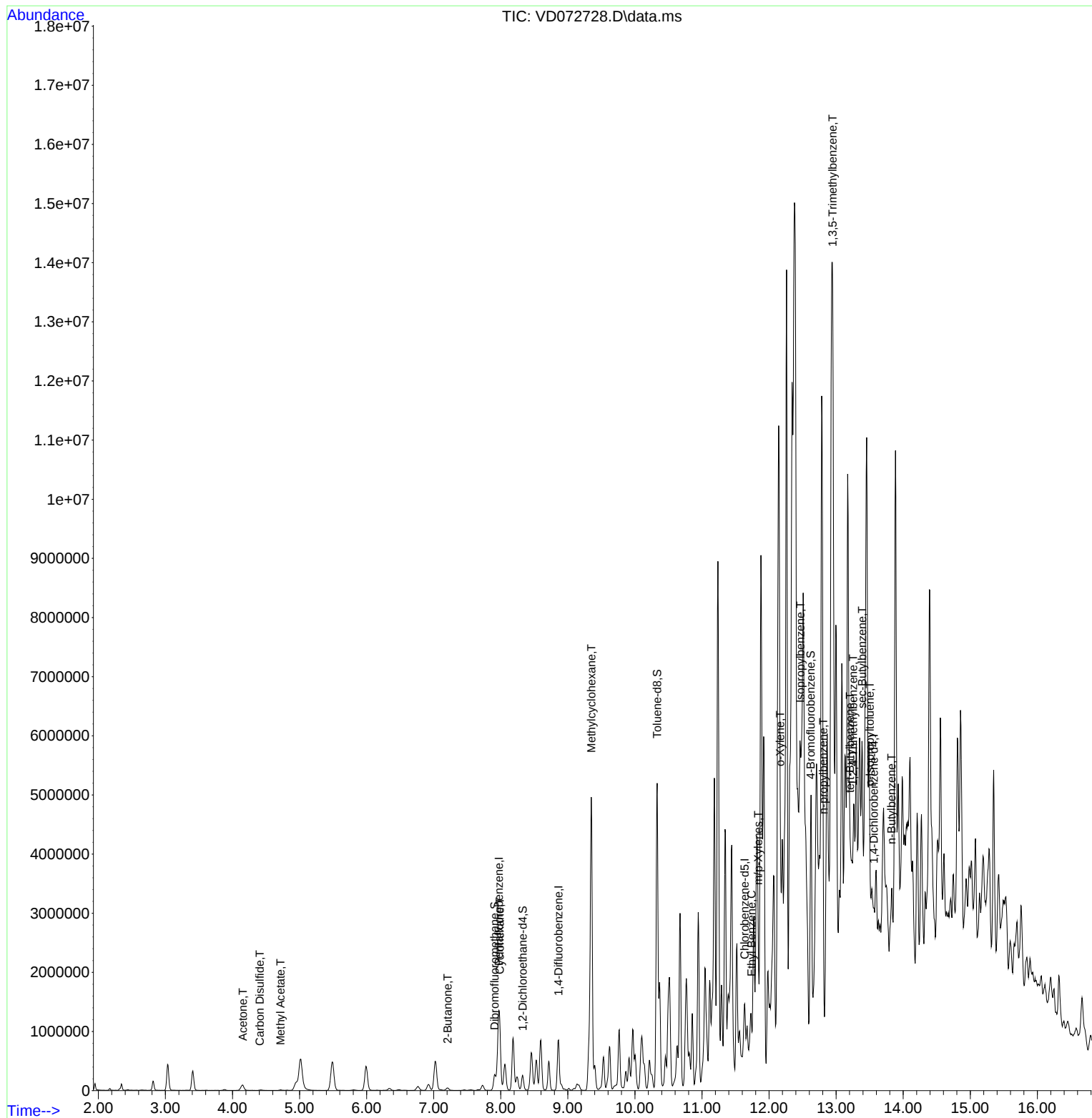
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
Data File : VD072728.D
Acq On : 28 Apr 2022 16:49
Operator : VA/SY
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Misc : 5.43G/5.00ml/MSVOA_D/SOIL
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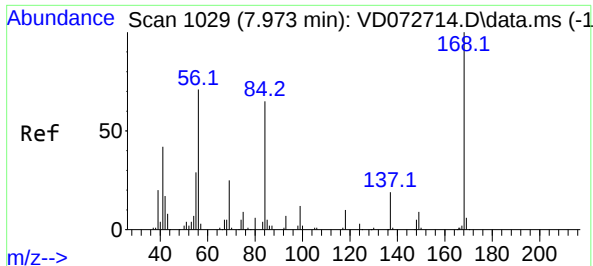
Instrument :
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ClientSampleId :
WC-16-1A-5

Manual Integrations
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Supervised By :Mahesh Dadoda 04/29/2022

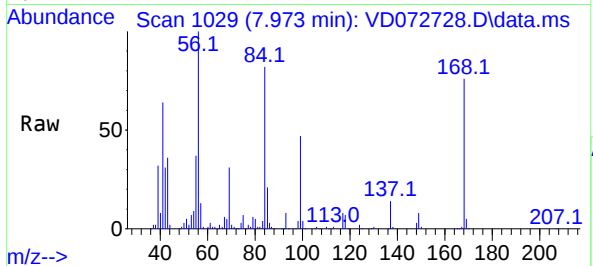
Quant Time: Apr 29 01:23:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 27 16:01:06 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

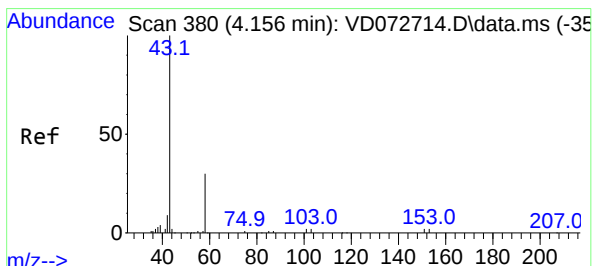
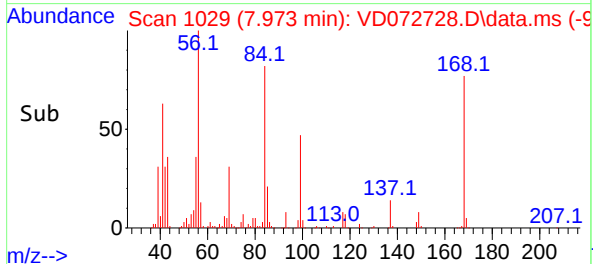
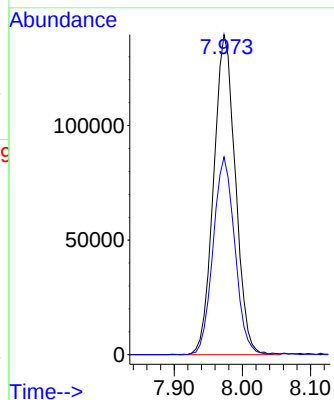
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5



Tgt Ion:168 Resp: 310650
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6

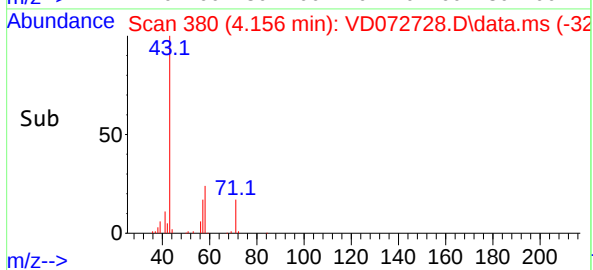
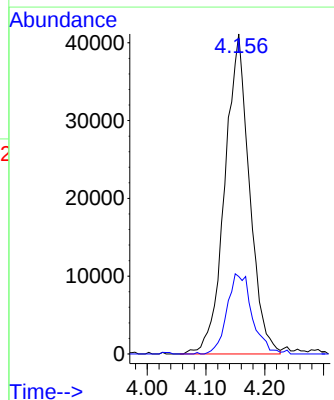
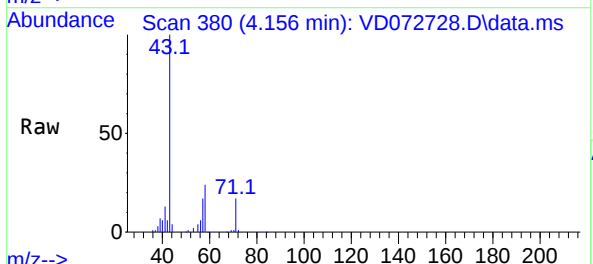
Manual Integrations
APPROVED

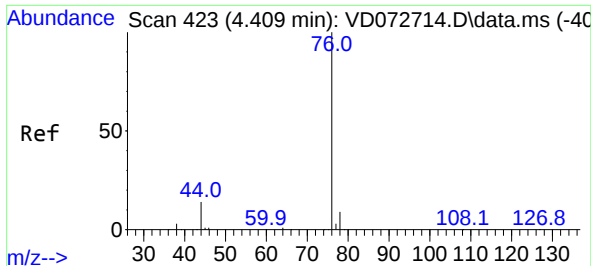
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#16
Acetone
Concen: 148.389 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

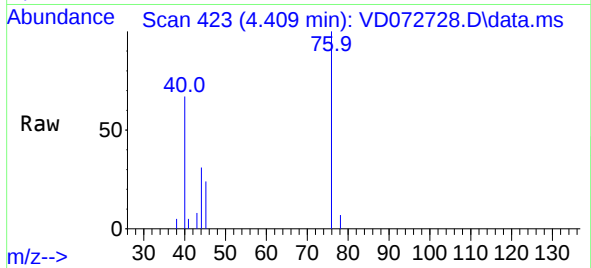
Tgt Ion: 43 Resp: 119943
Ion Ratio Lower Upper
43 100
58 24.2 22.1 33.1





#17
Carbon Disulfide
Concen: 1.008 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

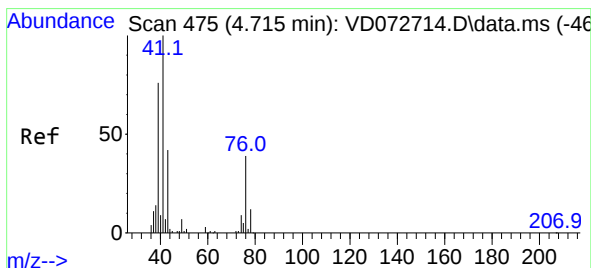
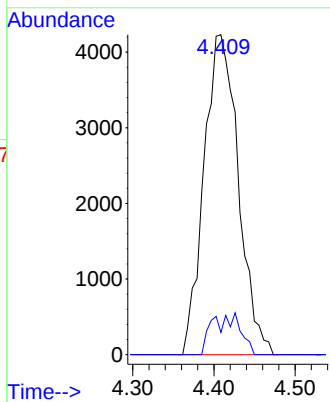
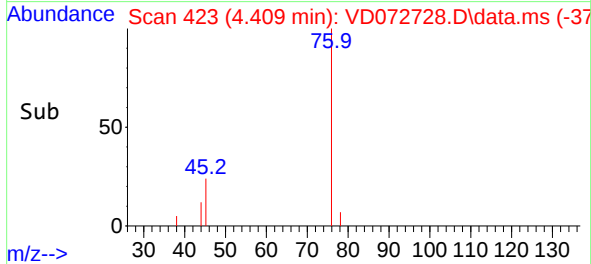
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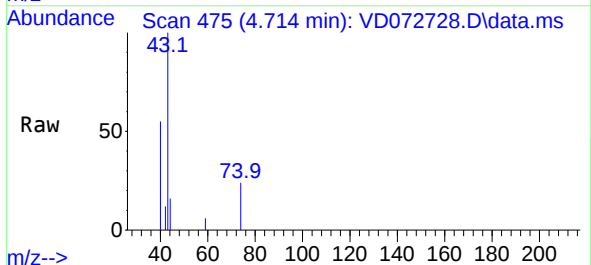
Tgt Ion: 76 Resp: 12454
Ion Ratio Lower Upper
76 100
78 7.0 7.5 11.3

Manual Integrations
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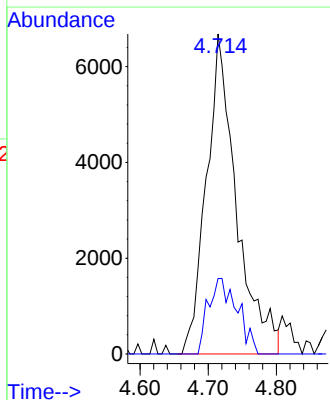
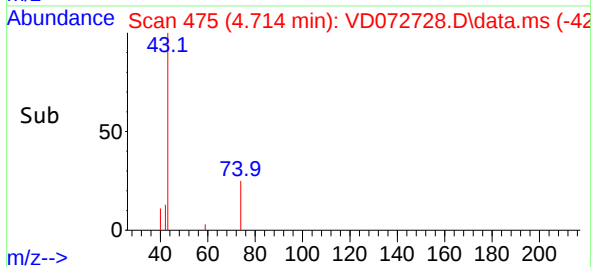
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

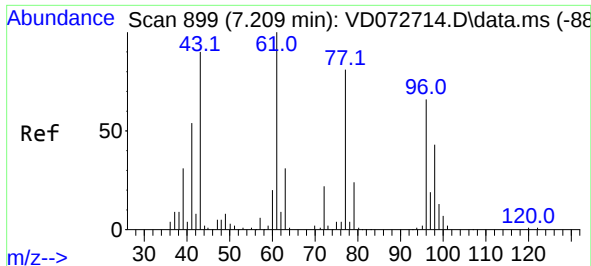


#18
Methyl Acetate
Concen: 8.828 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49



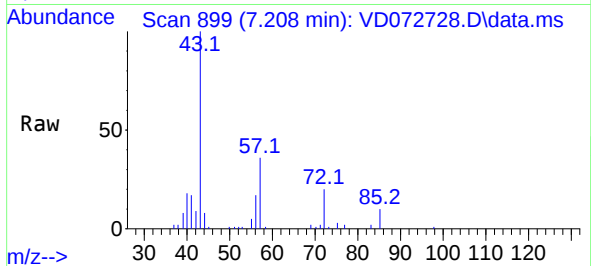
Tgt Ion: 43 Resp: 20561
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1





#25
2-Butanone
Concen: 39.191 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

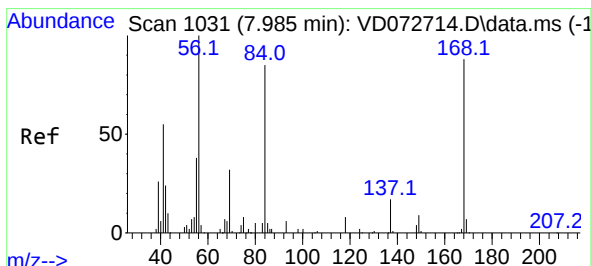
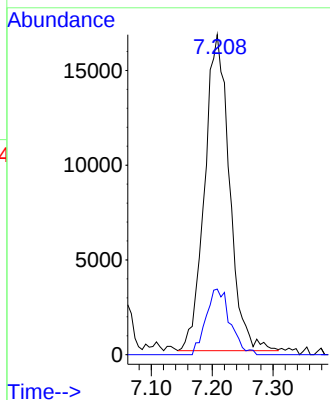
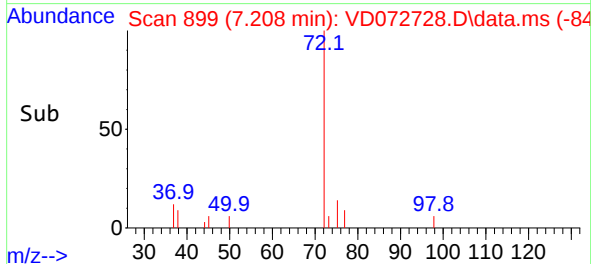
Instrument :
MSVOA_D
Client Sample Id :
WC-16-1A-5



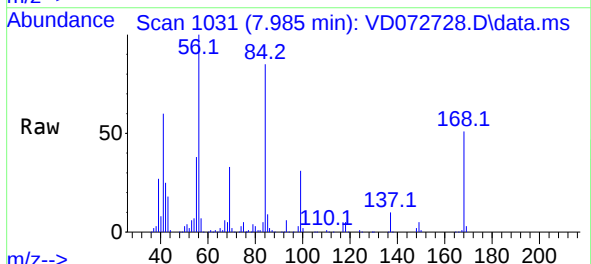
Tgt Ion: 43 Resp: 47272
Ion Ratio Lower Upper
43 100
72 20.8 18.6 27.8

Manual Integrations
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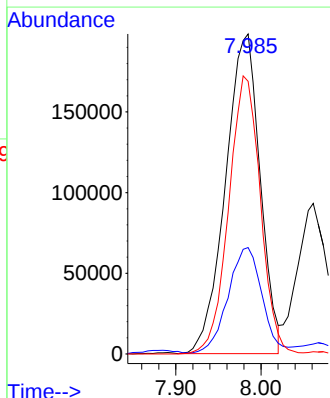
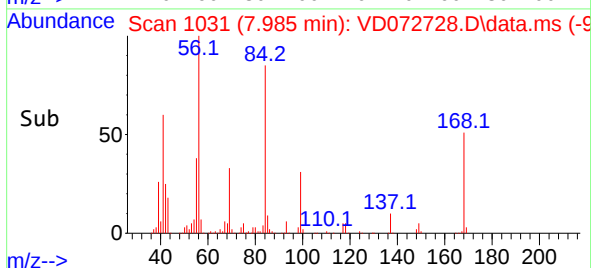
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

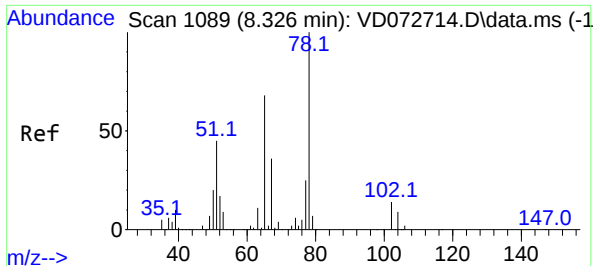


#31
Cyclohexane
Concen: 78.072 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49



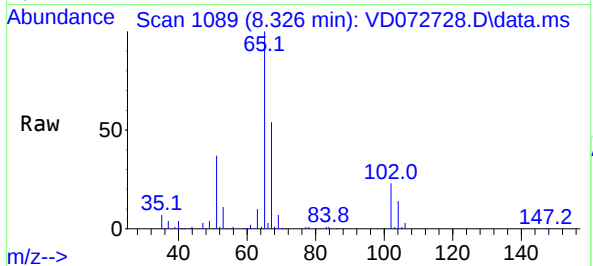
Tgt Ion: 56 Resp: 559042
Ion Ratio Lower Upper
56 100
69 32.5 25.4 38.2
84 85.3 63.0 94.4





#33
1,2-Dichloroethane-d4
Concen: 46.448 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

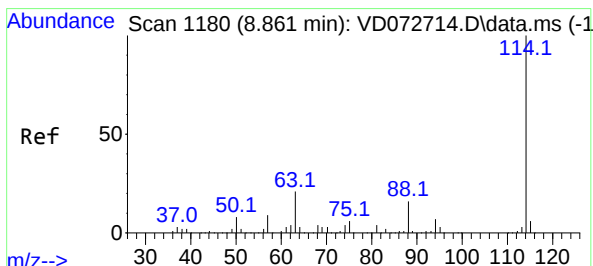
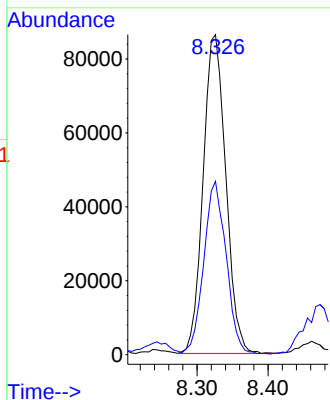
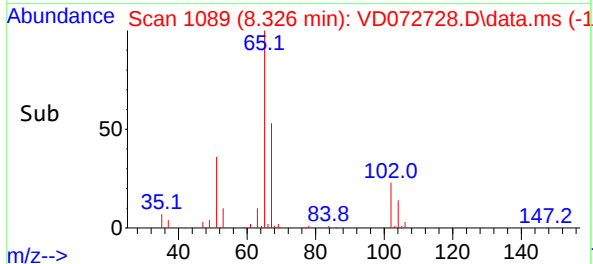
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5



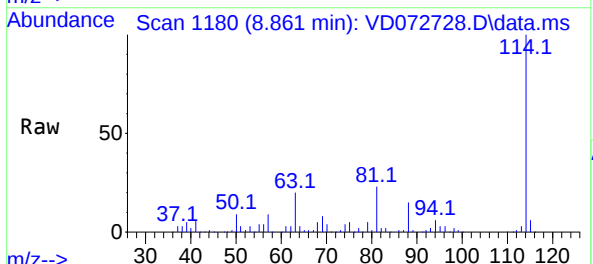
Tgt Ion: 65 Resp: 191574
Ion Ratio Lower Upper
65 100
67 53.4 0.0 101.4

Manual Integrations
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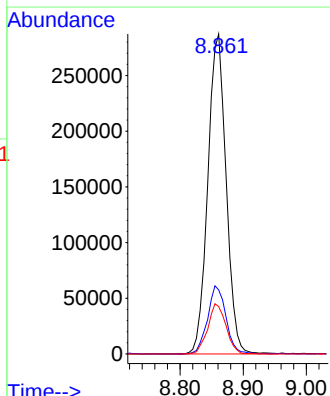
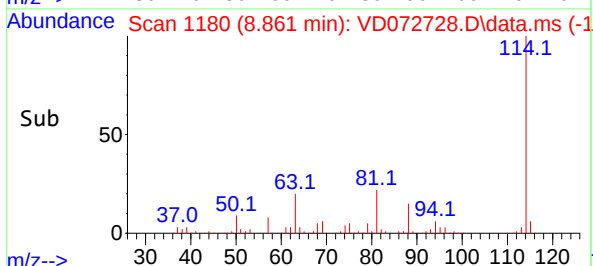
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

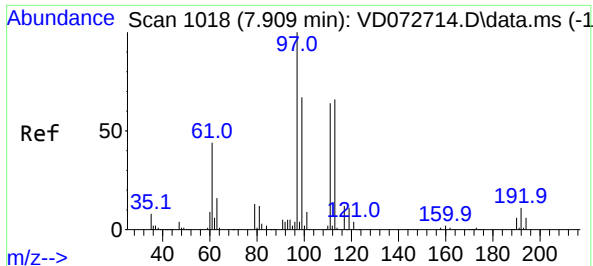


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49



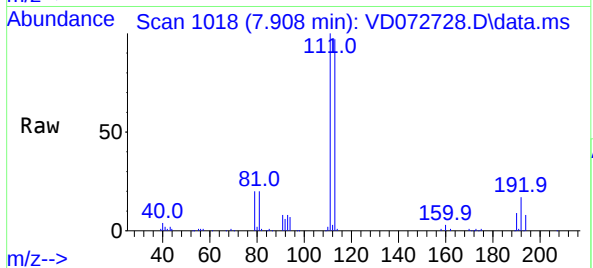
Tgt Ion:114 Resp: 577676
Ion Ratio Lower Upper
114 100
63 20.0 0.0 46.6
88 14.8 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.168 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

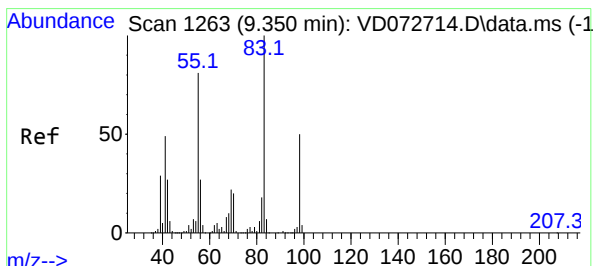
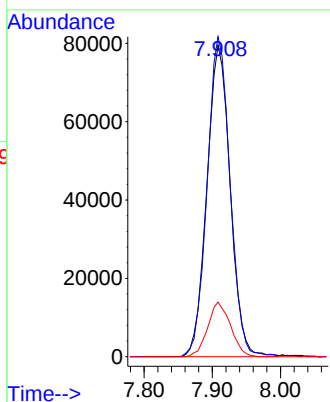
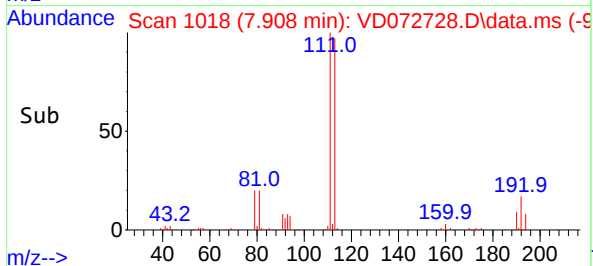
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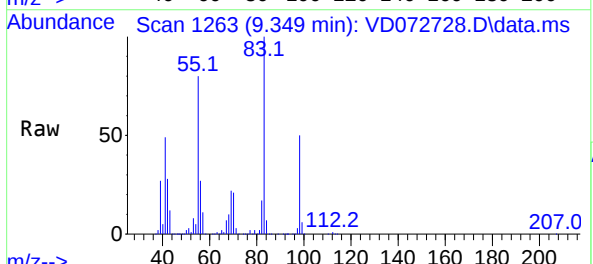
Tgt Ion: 113 Resp: 189152
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.6
192 17.2 14.6 21.8

Manual Integrations
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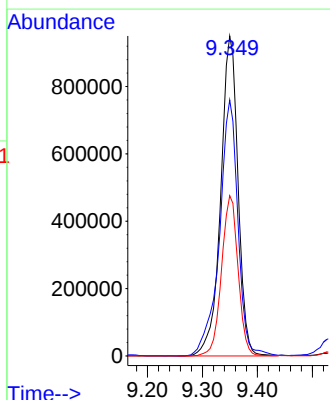
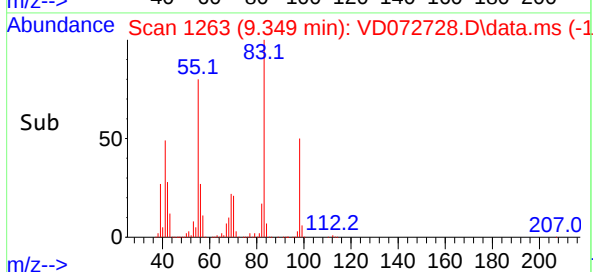
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

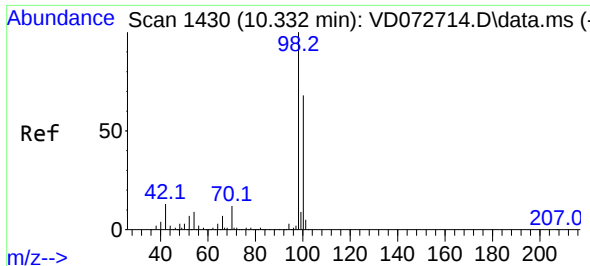


#39
Methylcyclohexane
Concen: 279.126 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.001 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49



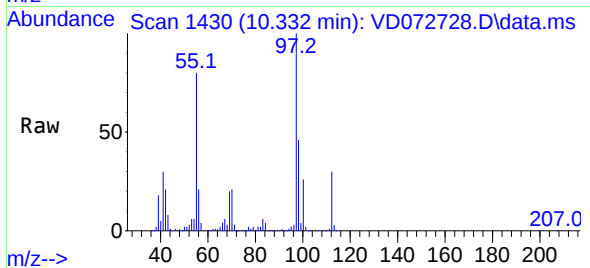
Tgt Ion: 83 Resp: 2083332
Ion Ratio Lower Upper
83 100
55 80.0 63.2 94.8
98 50.1 38.2 57.4





#50
Toluene-d8
Concen: 64.854 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

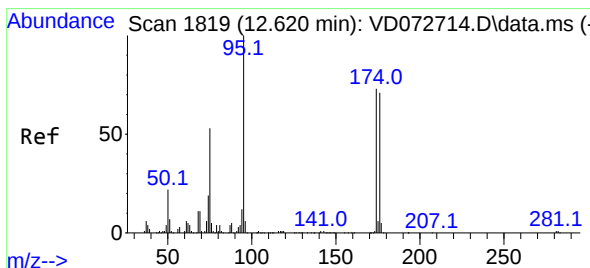
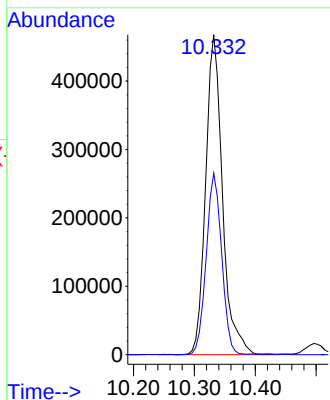
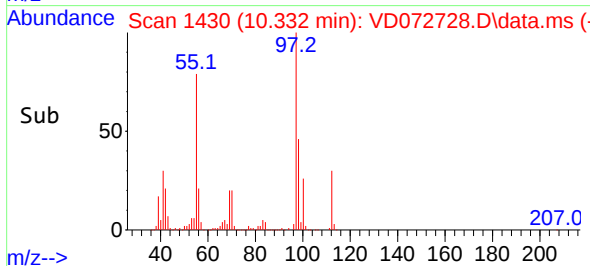
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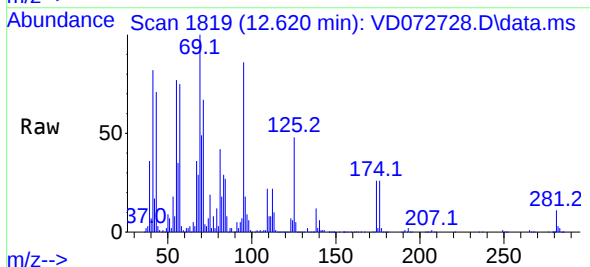
Tgt Ion: 98 Resp: 899463
Ion Ratio Lower Upper
98 100
100 52.1 52.4 78.6

Manual Integrations
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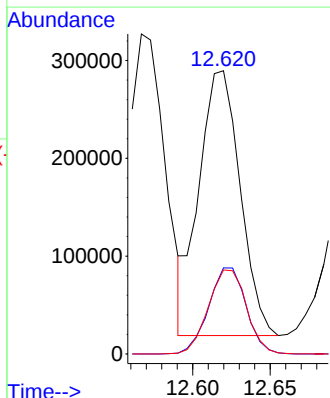
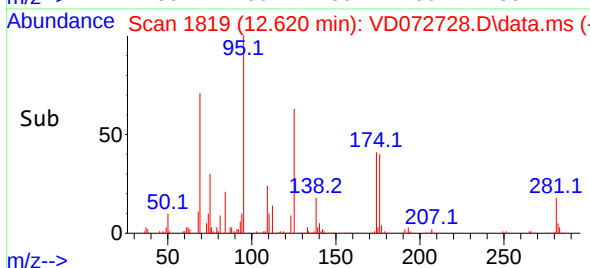
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

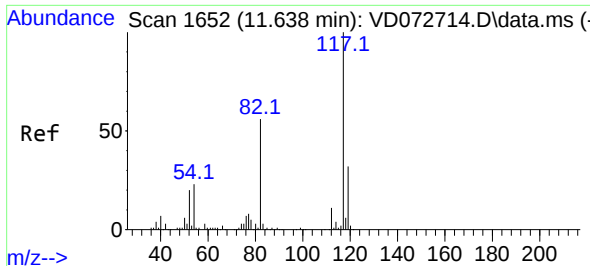


#62
4-Bromofluorobenzene
Concen: 95.754 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49



Tgt Ion: 95 Resp: 500857
Ion Ratio Lower Upper
95 100
174 29.6 0.0 152.8
176 29.4 0.0 145.4





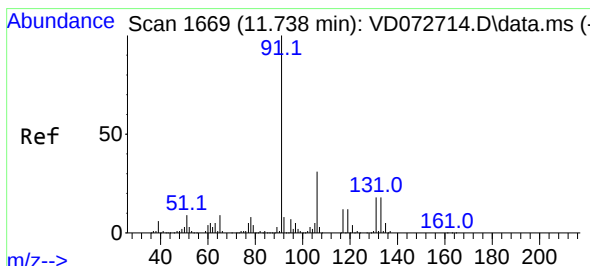
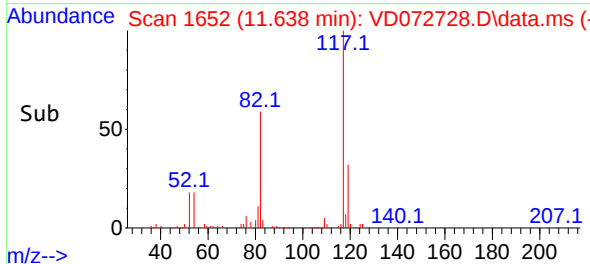
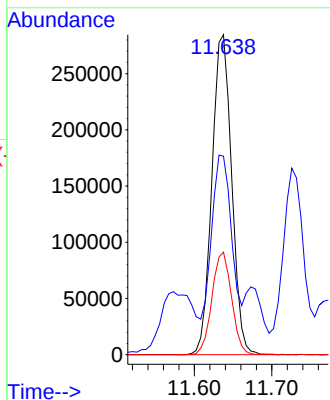
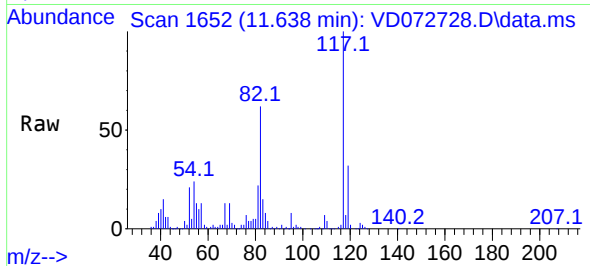
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5

Tgt Ion: 117 Resp: 50409
Ion Ratio Lower Upper
117 100
82 45.6 45.3 67.9
119 32.0 26.6 40.0

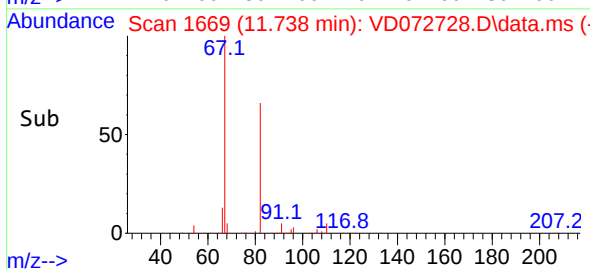
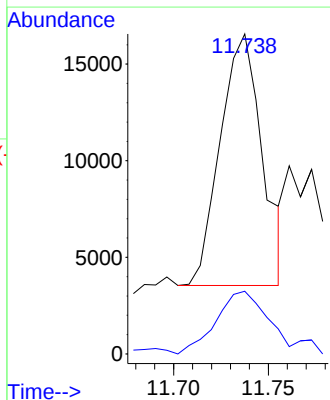
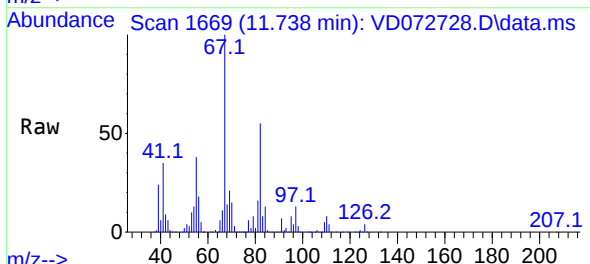
Manual Integrations
APPROVED

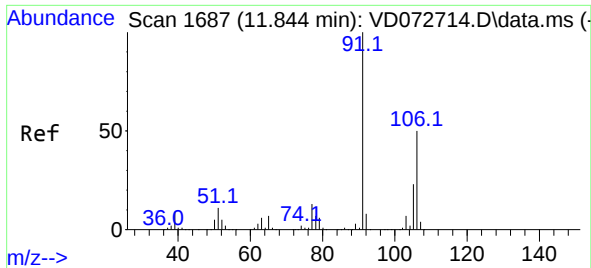
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#67
Ethyl Benzene
Concen: 1.027 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

Tgt Ion: 91 Resp: 20066
Ion Ratio Lower Upper
91 100
106 25.0 24.2 36.4





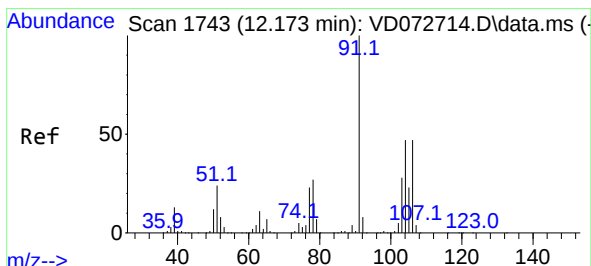
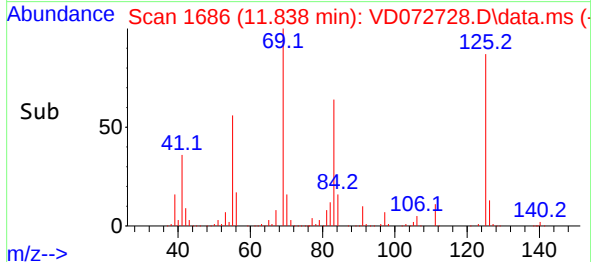
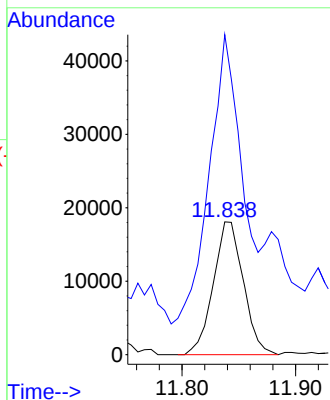
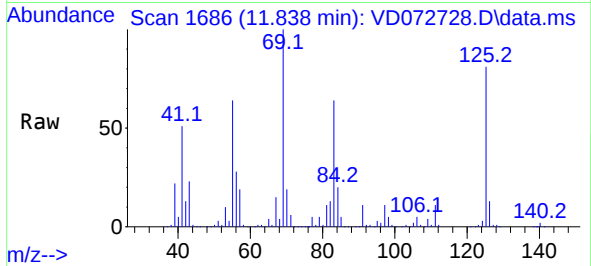
#68
m/p-Xylenes
Concen: 4.459 ug/l
RT: 11.838 min Scan# 11838
Delta R.T. -0.006 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5

Tgt Ion:106 Resp: 3322
Ion Ratio Lower Upper
106 100
91 235.6 163.7 245.5

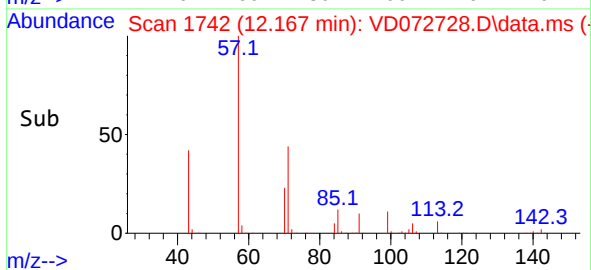
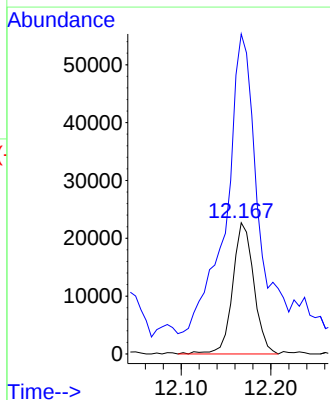
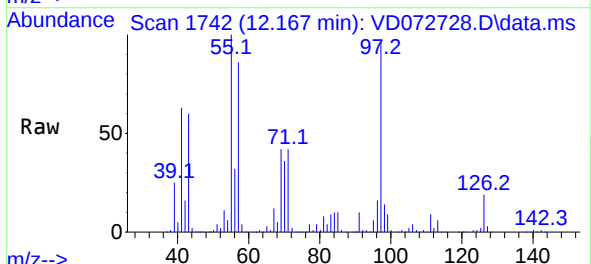
Manual Integrations
APPROVED

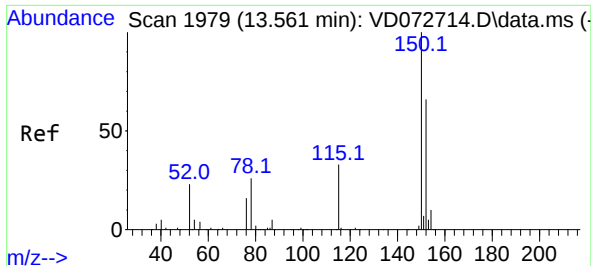
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#69
o-Xylene
Concen: 5.278 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

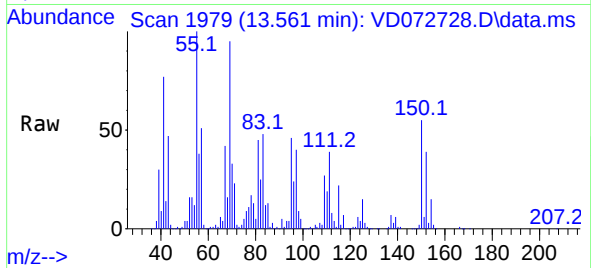
Tgt Ion:106 Resp: 37158
Ion Ratio Lower Upper
106 100
91 334.4 110.4 331.2#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

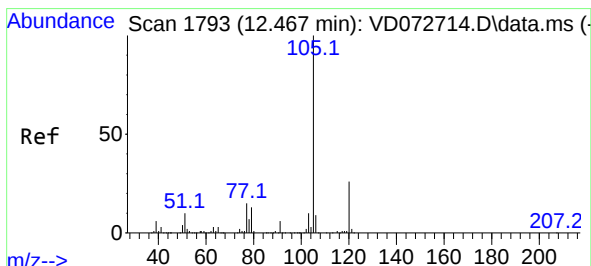
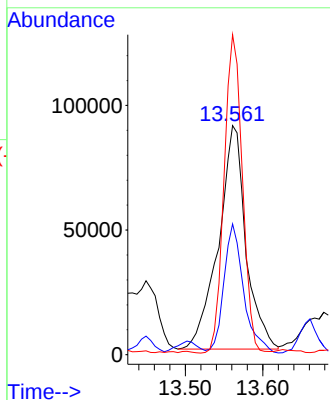
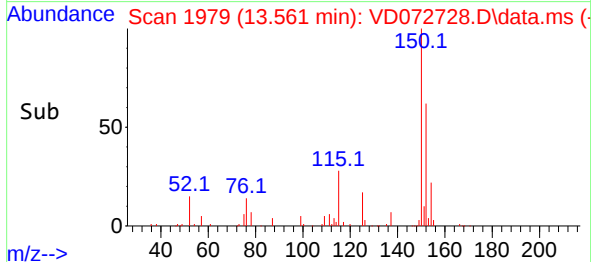
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5



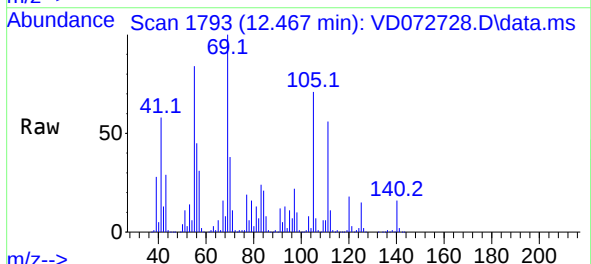
Tgt Ion:152 Resp: 221339
Ion Ratio Lower Upper
152 100
115 41.7 31.3 93.8
150 94.9 0.0 348.6

Manual Integrations
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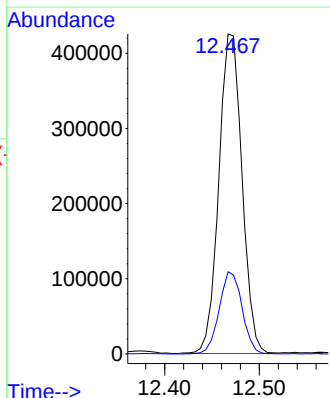
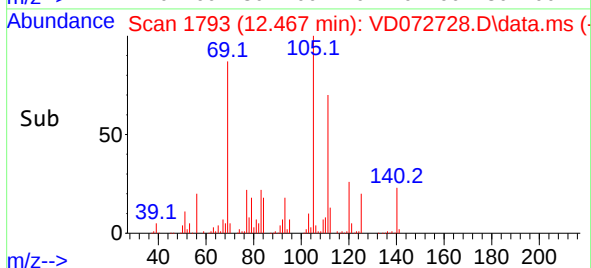
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

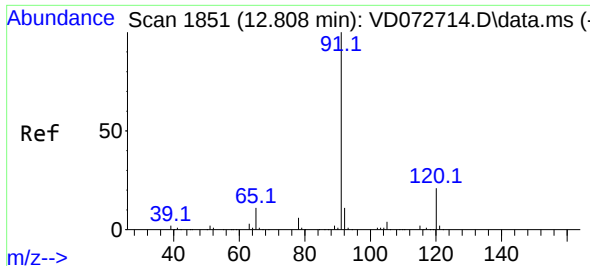


#73
Isopropylbenzene
Concen: 42.787 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49



Tgt Ion:105 Resp: 723916
Ion Ratio Lower Upper
105 100
120 25.4 13.0 38.9





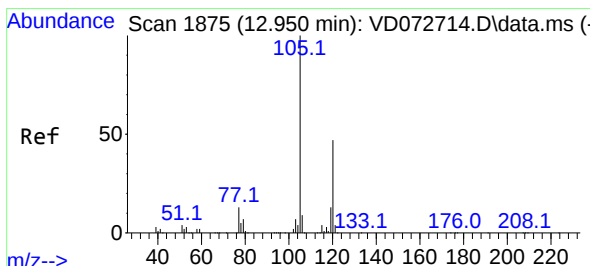
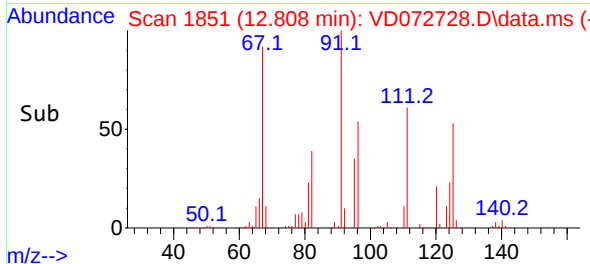
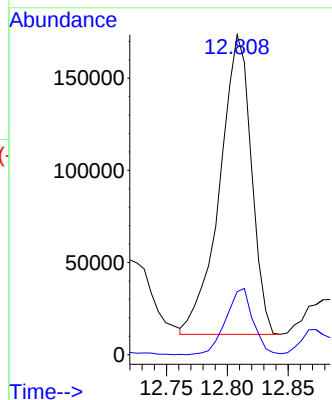
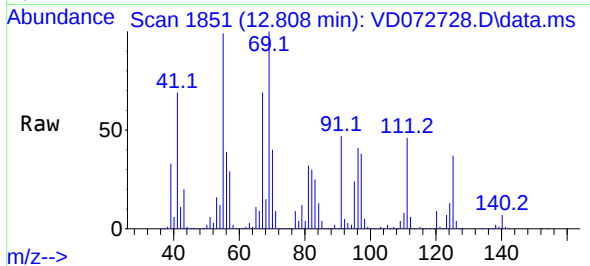
#78
n-propylbenzene
Concen: 13.903 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5

Tgt Ion: 91 Resp: 29398
Ion Ratio Lower Upper
91 100
120 19.0 10.9 32.9

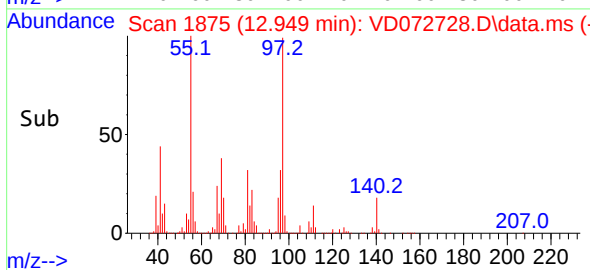
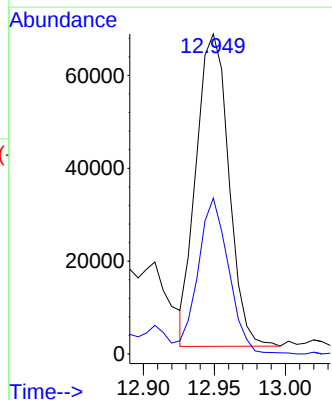
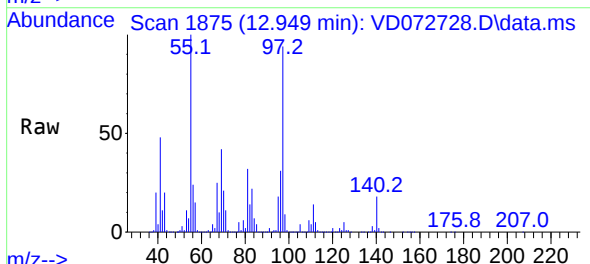
Manual Integrations
APPROVED

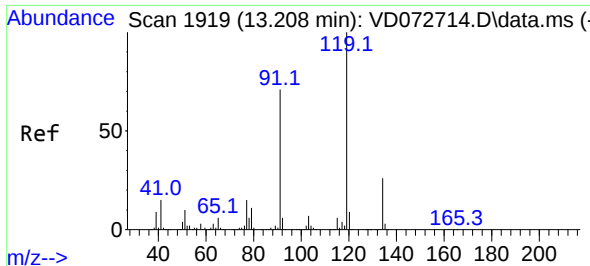
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 7.496 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.001 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

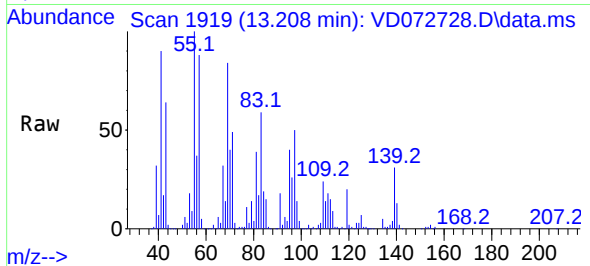
Tgt Ion:105 Resp: 107223
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.8





#83
tert-Butylbenzene
Concen: 9.744 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49

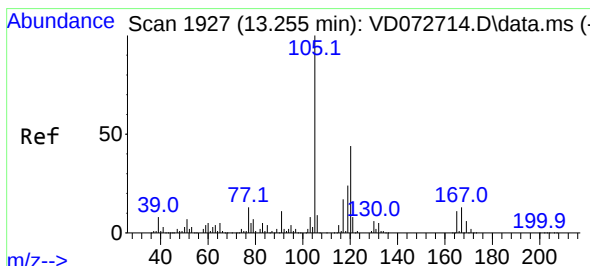
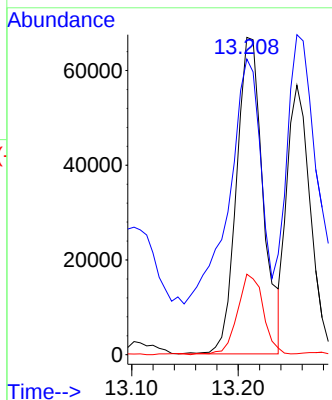
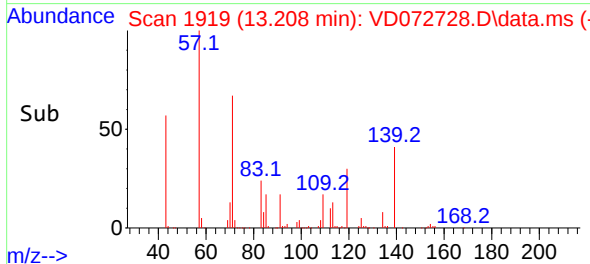
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-5



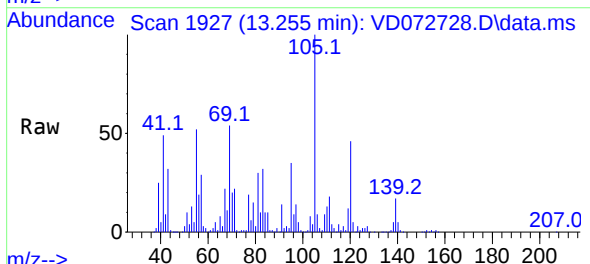
Tgt Ion:119 Resp: 116590
Ion Ratio Lower Upper
119 100
91 89.6 34.8 104.5
134 24.7 13.3 39.9

Manual Integrations
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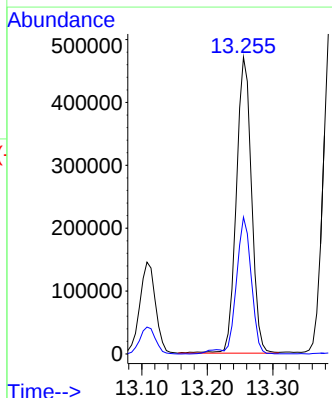
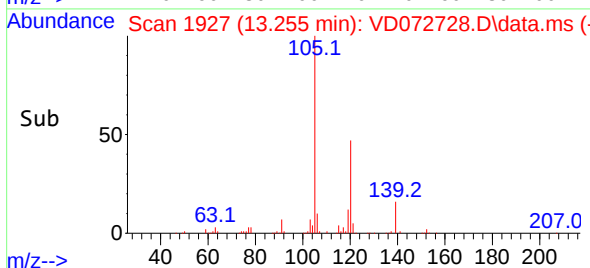
Reviewed By :Krupa Patel 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

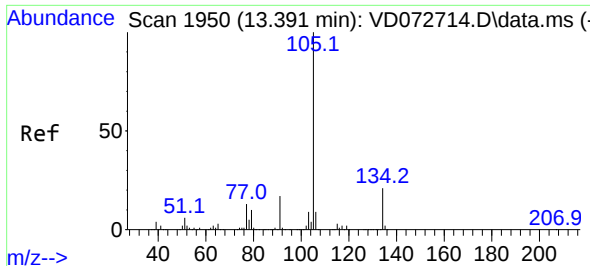


#84
1,2,4-Trimethylbenzene
Concen: 53.076 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072728.D
Acq: 28 Apr 2022 16:49



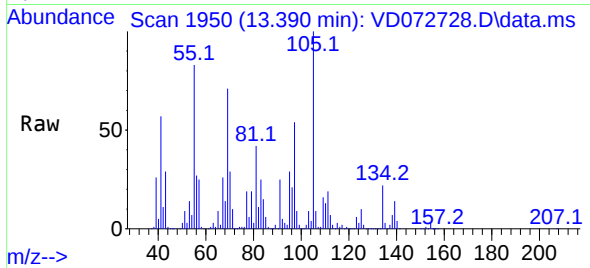
Tgt Ion:105 Resp: 758133
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 47.540 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD072728.D
 Acq: 28 Apr 2022 16:49

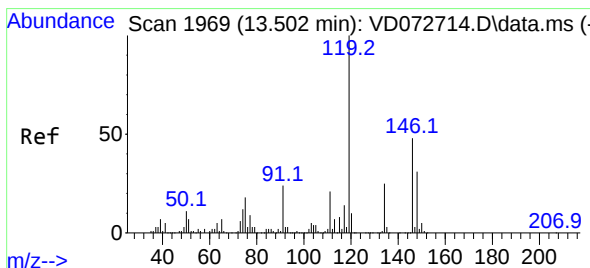
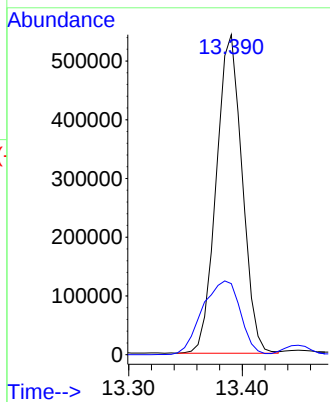
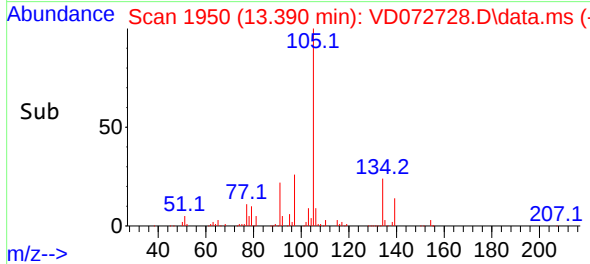
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-5



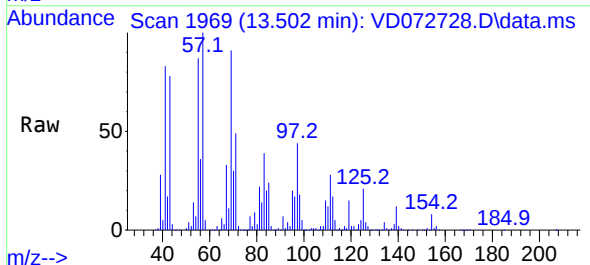
Tgt Ion:105 Resp: 859304
 Ion Ratio Lower Upper
 105 100
 134 34.0 9.8 29.3#

Manual Integrations
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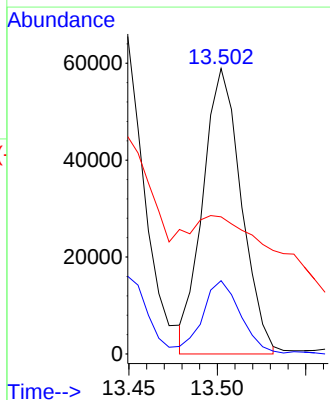
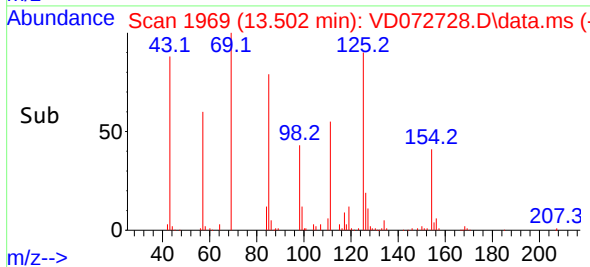
Reviewed By :Krupa Patel 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

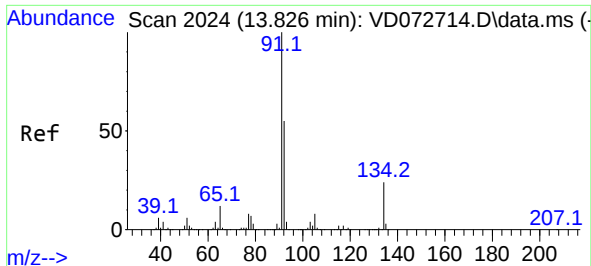


#86
 p-Isopropyltoluene
 Concen: 6.031 ug/l m
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072728.D
 Acq: 28 Apr 2022 16:49



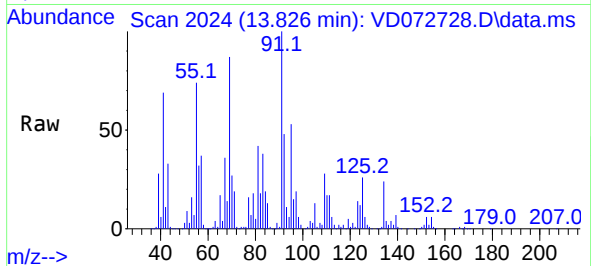
Tgt Ion:119 Resp: 89231
 Ion Ratio Lower Upper
 119 100
 134 67.0 12.9 38.6#
 91 88.6 12.1 36.3#





#89
 n-Butylbenzene
 Concen: 28.323 ug/l
 RT: 13.826 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD072728.D
 Acq: 28 Apr 2022 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-5



Tgt Ion: 91 Resp: 407689

Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.6	79.8
134	44.1	12.3	36.9

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

