

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072669.D
 Acq On : 21 Apr 2022 14:24
 Operator : VA/SY
 Sample : N2480-13
 Misc : 5.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4-GR

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

Quant Time: Apr 22 03:40:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	17341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	32304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	30848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	13532	64.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.020%			
35) Dibromofluoromethane	7.908	113	11676	46.509	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.020%			
50) Toluene-d8	10.332	98	42555	48.765	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.520%			
62) 4-Bromofluorobenzene	12.620	95	18974	55.673	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.340%			
Target Compounds						
16) Acetone	4.162	43	5087	130.050	ug/l #	82
25) 2-Butanone	7.214	43	2278m	42.109	ug/l	
31) Cyclohexane	7.991	56	2520m	9.187	ug/l	
39) Methylcyclohexane	9.350	83	20293	54.066	ug/l	92
73) Isopropylbenzene	12.467	105	22753	21.776	ug/l	92
83) tert-Butylbenzene	13.208	119	5987	7.728	ug/l #	88
85) sec-Butylbenzene	13.391	105	34811	29.831	ug/l #	68
89) n-Butylbenzene	13.826	91	20264	22.301	ug/l	92

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

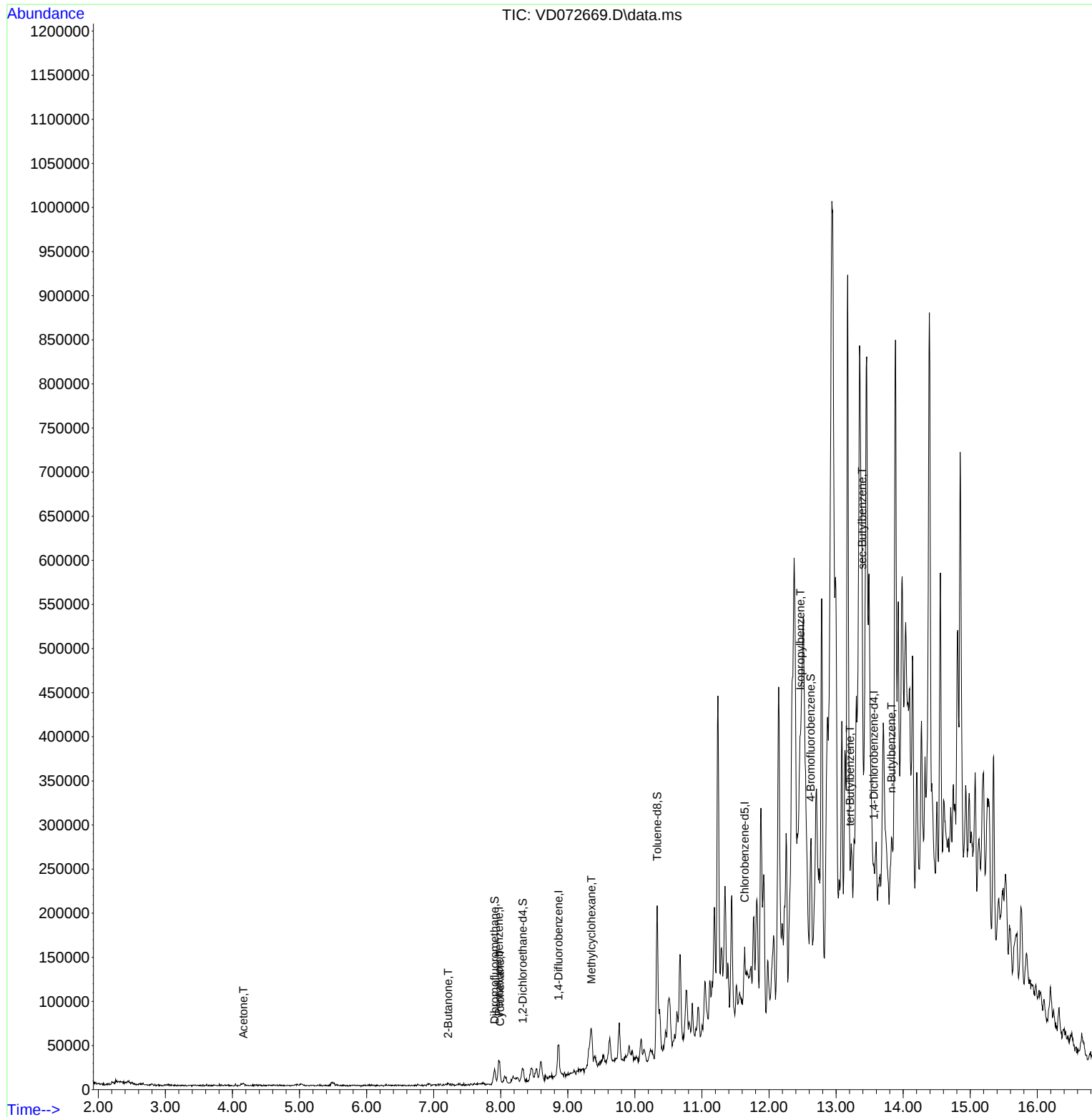
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
Data File : VD072669.D
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ALS Vial : 11 Sample Multiplier: 1

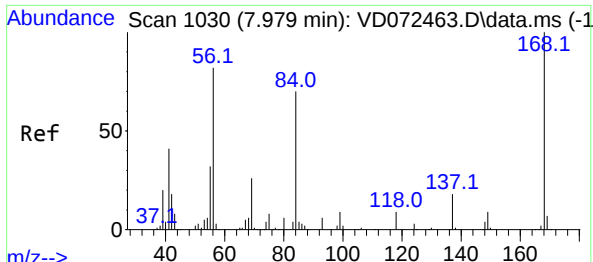
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

Manual Integrations
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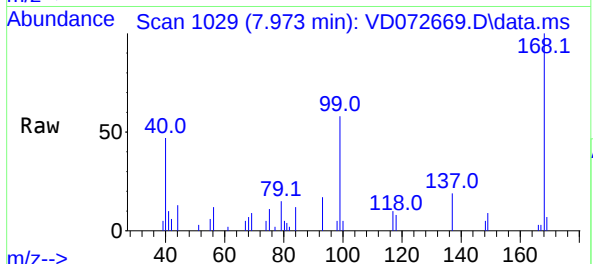
Quant Time: Apr 22 03:40:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

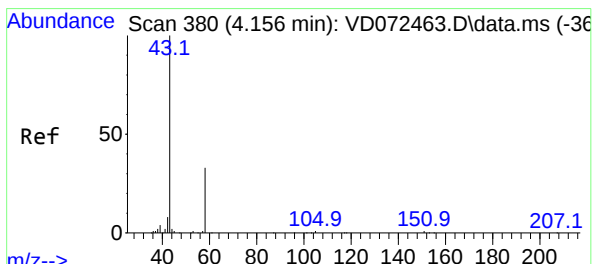
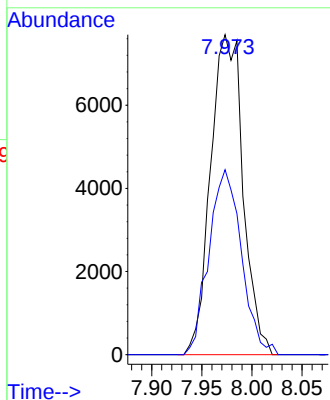
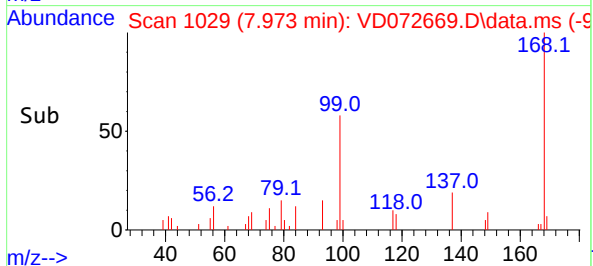
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR



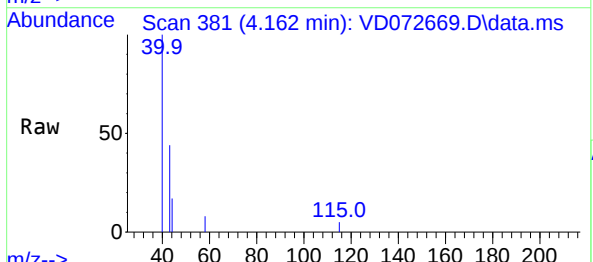
Tgt Ion:168 Resp: 1734
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6

Manual Integrations
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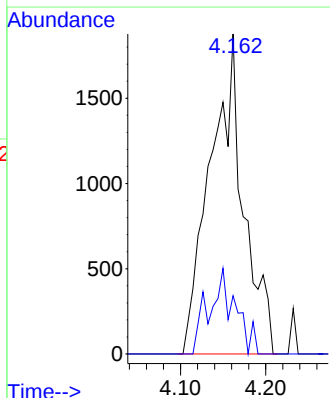
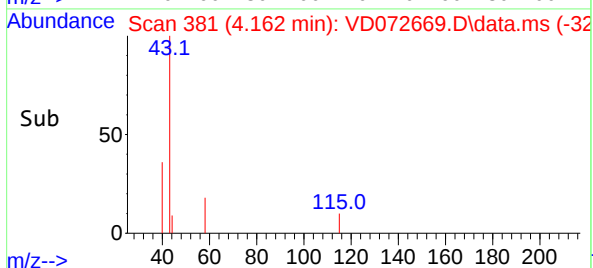
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

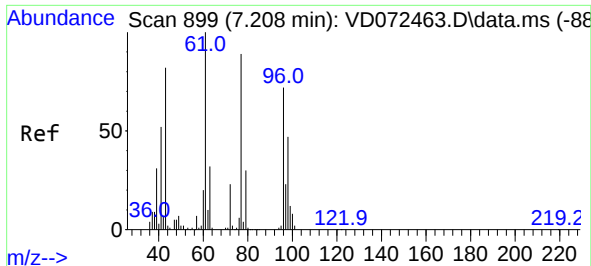


#16
Acetone
Concen: 130.050 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24



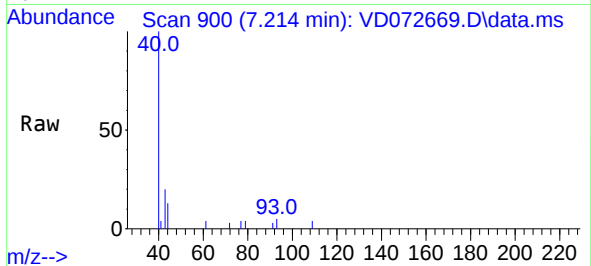
Tgt Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
58 18.2 22.1 33.1#





#25
2-Butanone
Concen: 42.109 ug/l m
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

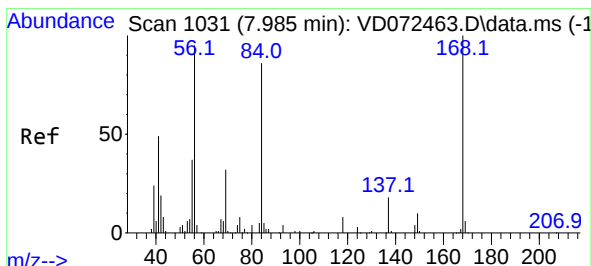
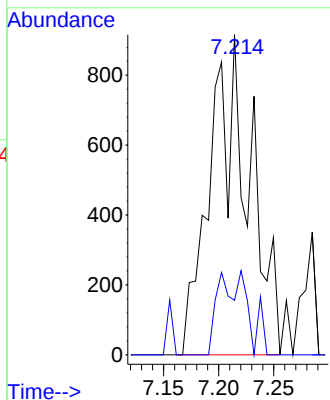
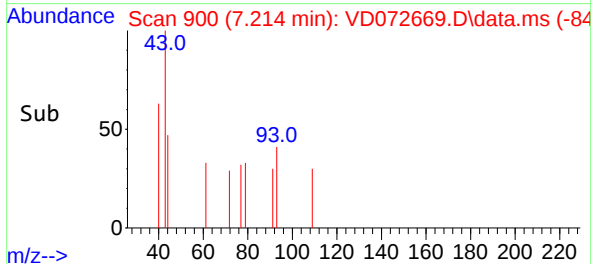
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR



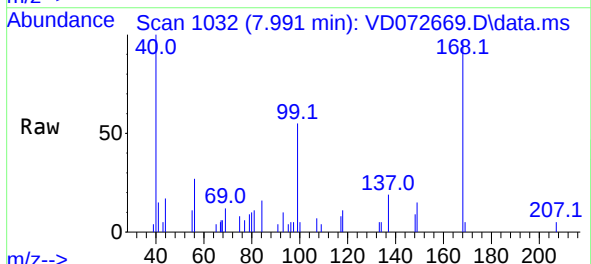
Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
72 17.0 18.6 27.8

Manual Integrations
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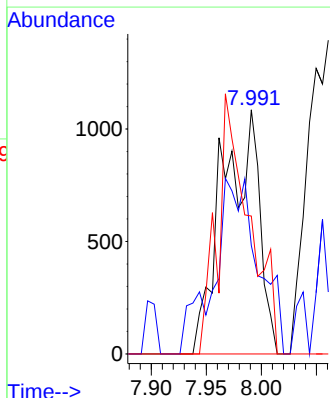
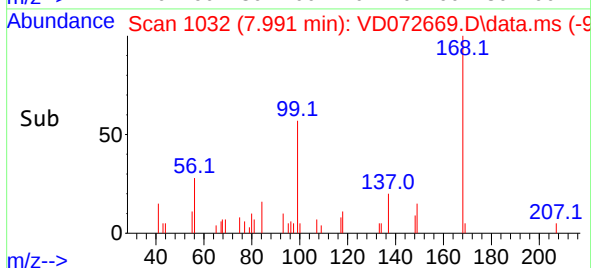
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

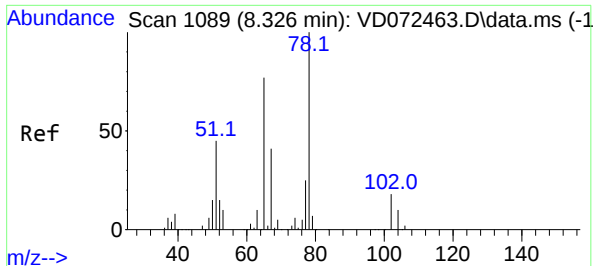


#31
Cyclohexane
Concen: 9.187 ug/l m
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24



Tgt Ion: 56 Resp: 2520
Ion Ratio Lower Upper
56 100
69 44.4 25.4 38.2#
84 56.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 64.508 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072669.D

Acq: 21 Apr 2022 14:24

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4-GR

Tgt Ion: 65 Resp: 1353

Ion Ratio Lower Upper

65 100

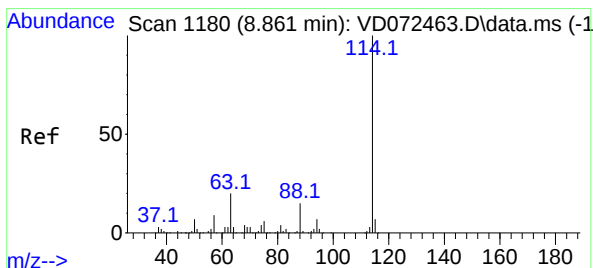
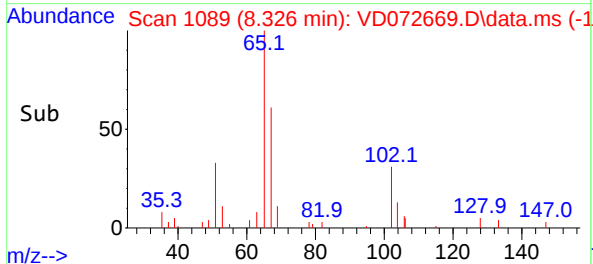
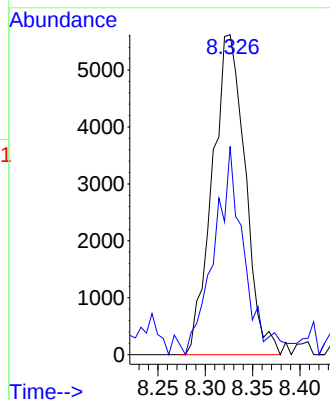
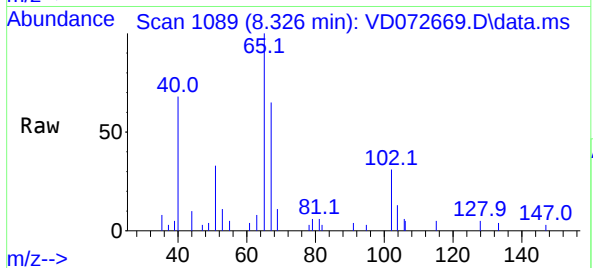
67 56.7 0.0 101.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072669.D

Acq: 21 Apr 2022 14:24

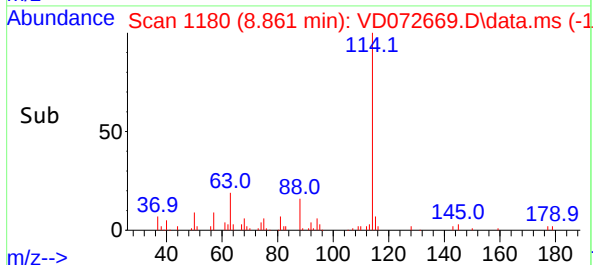
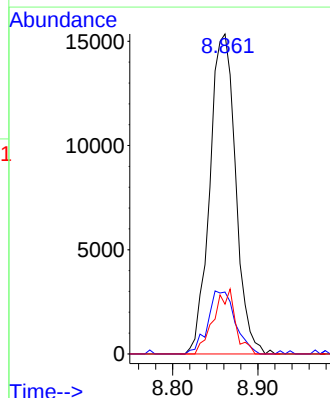
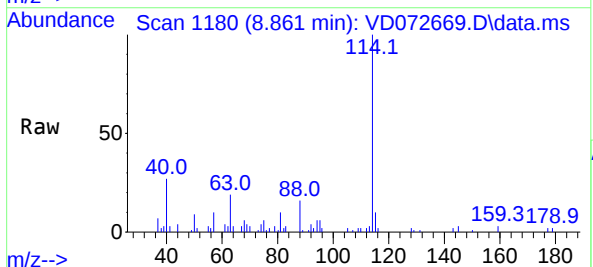
Tgt Ion:114 Resp: 32304

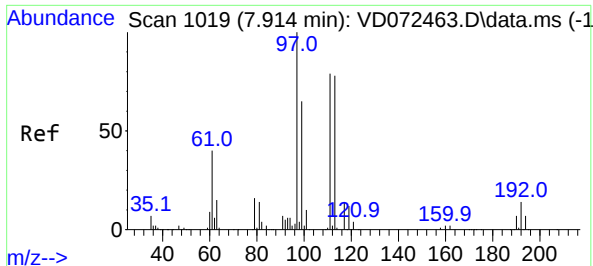
Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

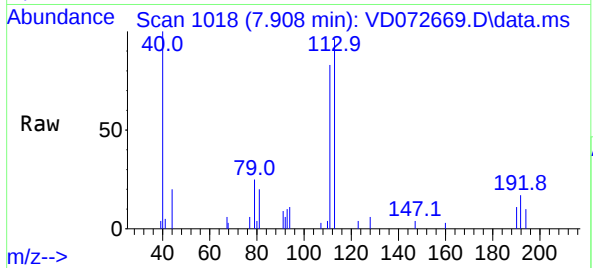
88 15.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 46.509 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

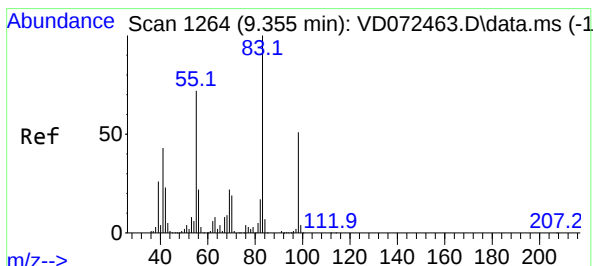
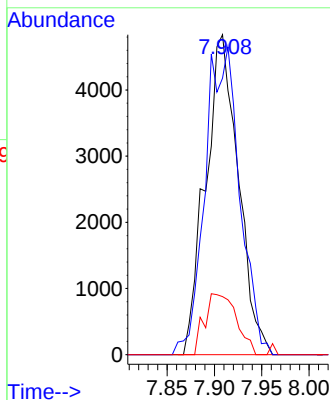
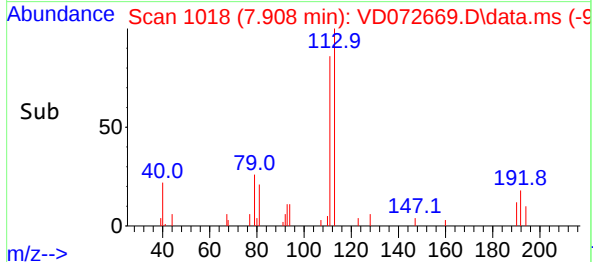
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR



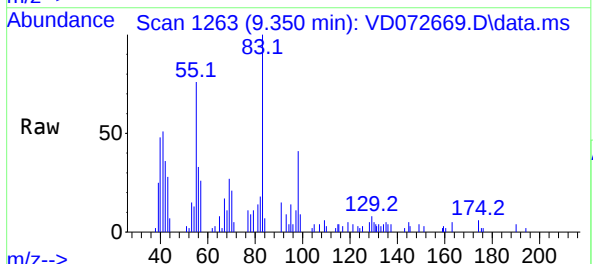
Tgt Ion: 113 Resp: 11670
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.6
192 18.4 14.6 21.8

Manual Integrations
APPROVED

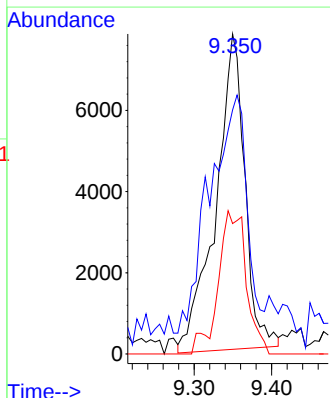
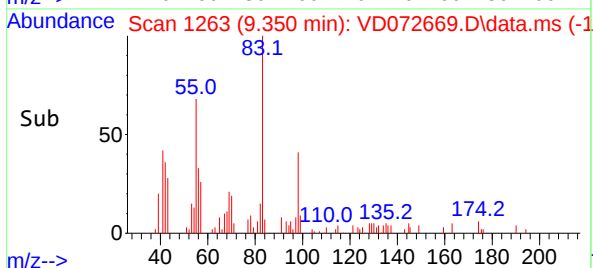
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

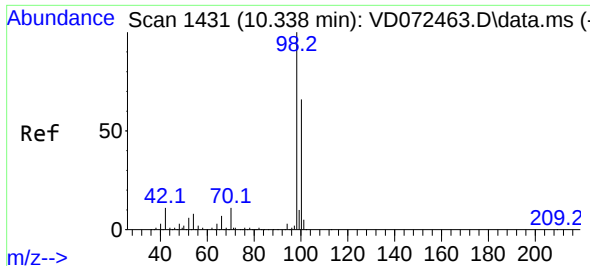


#39
Methylcyclohexane
Concen: 54.066 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.005 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24



Tgt Ion: 83 Resp: 20293
Ion Ratio Lower Upper
83 100
55 71.8 63.2 94.8
98 42.0 38.2 57.4





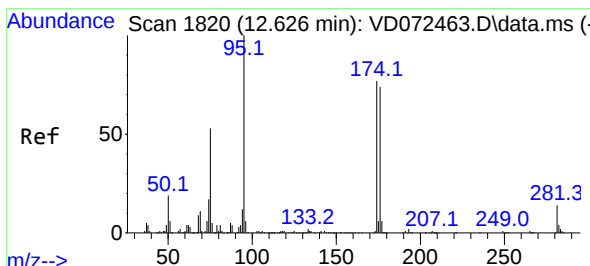
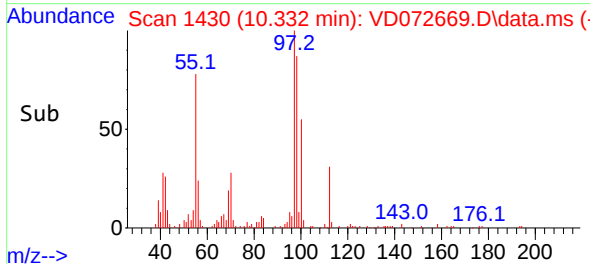
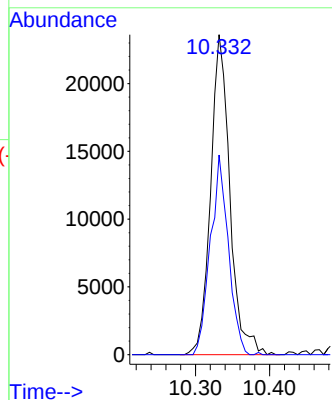
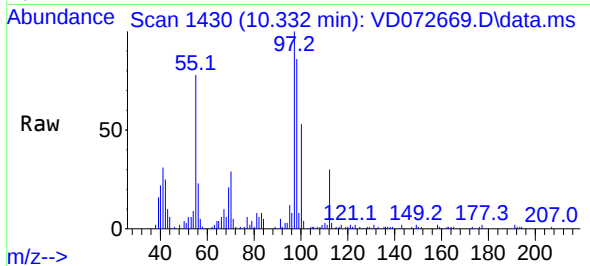
#50
Toluene-d8
Concen: 48.765 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

Tgt Ion: 98 Resp: 4255
Ion Ratio Lower Upper
98 100
100 58.5 52.4 78.6

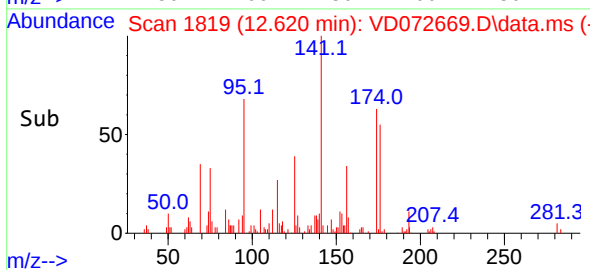
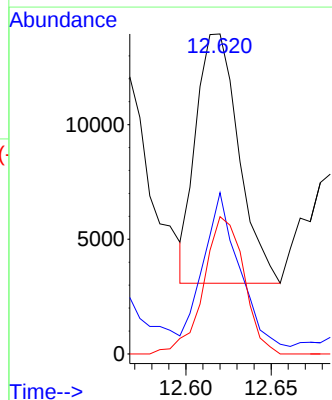
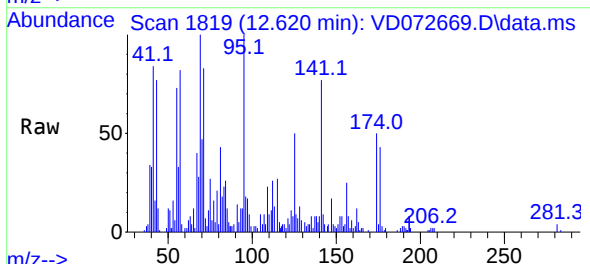
Manual Integrations
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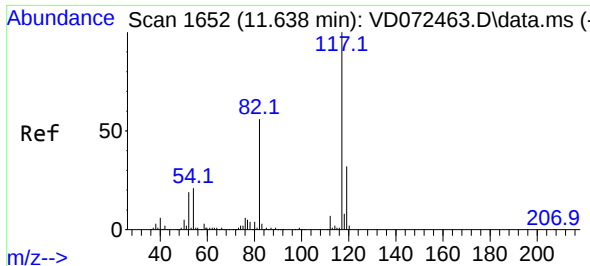
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#62
4-Bromofluorobenzene
Concen: 55.673 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

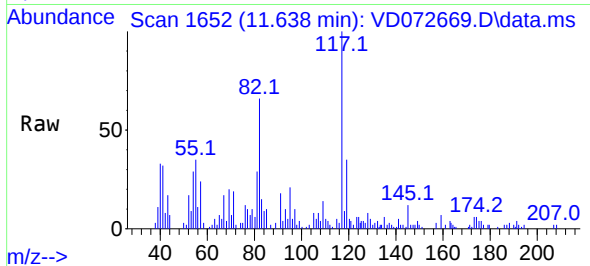
Tgt Ion: 95 Resp: 18974
Ion Ratio Lower Upper
95 100
174 51.0 0.0 152.8
176 51.9 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

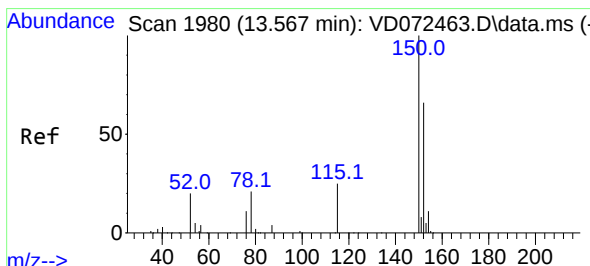
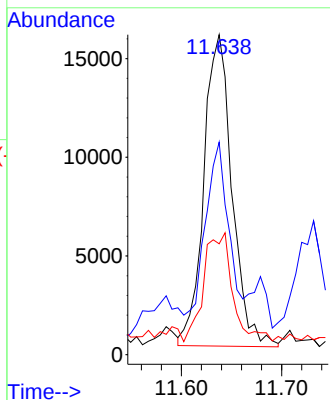
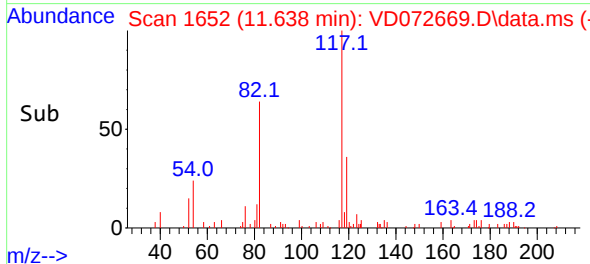
Instrument :
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ClientSampleId :
WC-16-1A-4-GR



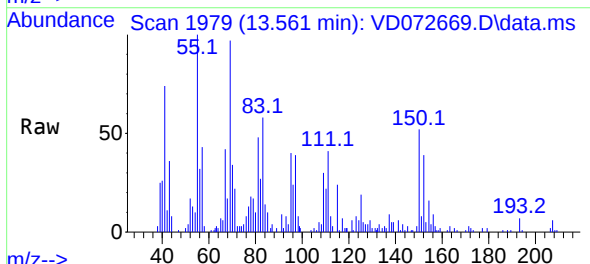
Tgt Ion:117 Resp: 3084
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 30.0 26.6 40.0

Manual Integrations
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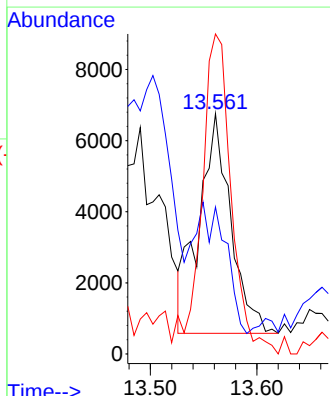
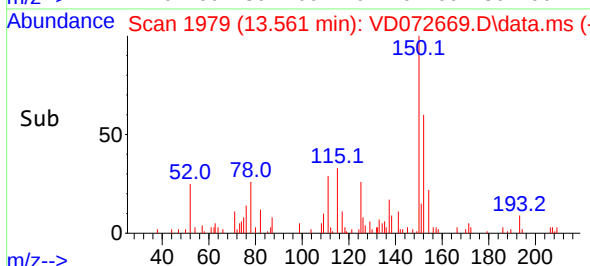
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

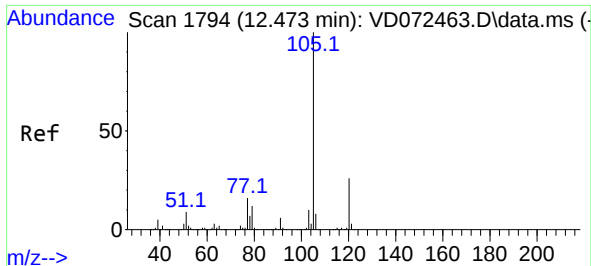


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24



Tgt Ion:152 Resp: 12938
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 134.5 0.0 348.6





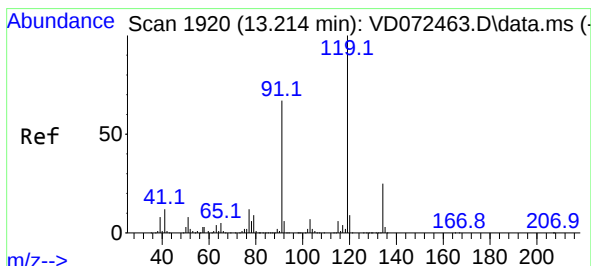
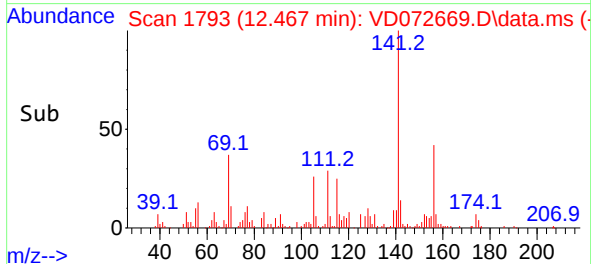
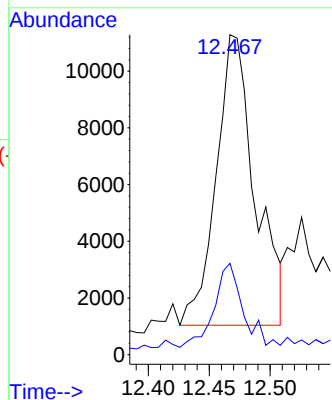
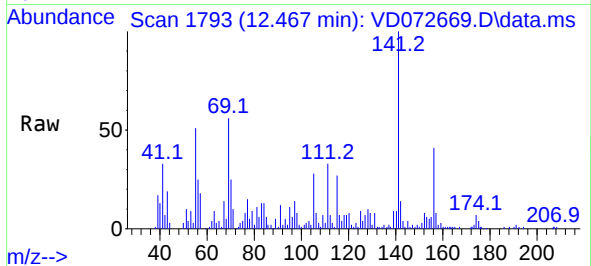
#73
Isopropylbenzene
Concen: 21.776 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

Tgt Ion:105 Resp: 2275
Ion Ratio Lower Upper
105 100
120 21.8 13.0 38.9

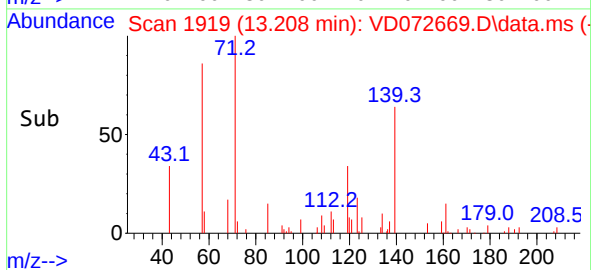
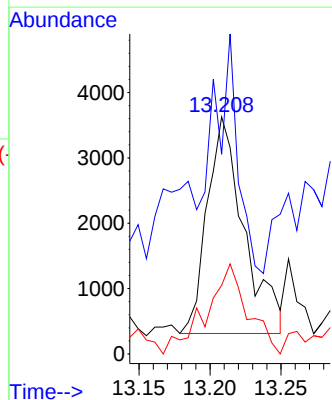
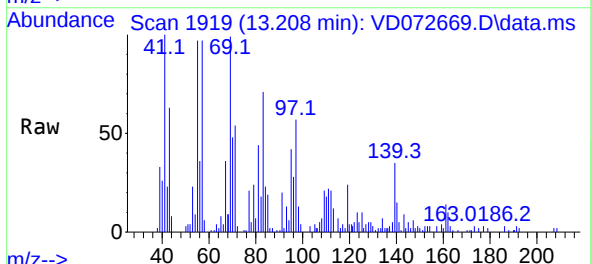
Manual Integrations
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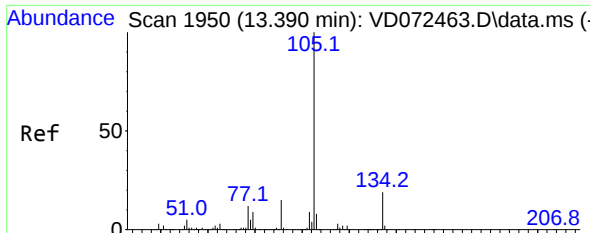
Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#83
tert-Butylbenzene
Concen: 7.728 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

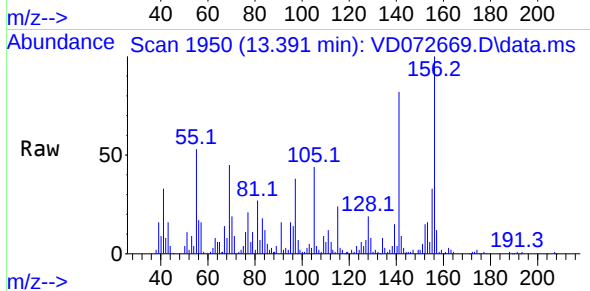
Tgt Ion:119 Resp: 5987
Ion Ratio Lower Upper
119 100
91 71.2 34.8 104.5
134 46.6 13.3 39.9#





#85
sec-Butylbenzene
Concen: 29.831 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24

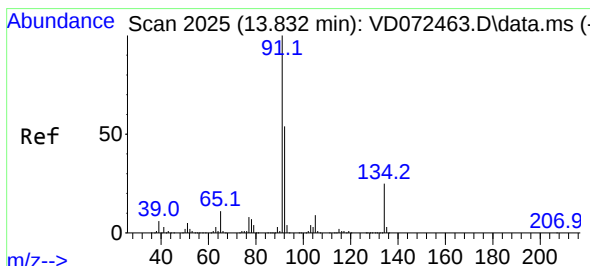
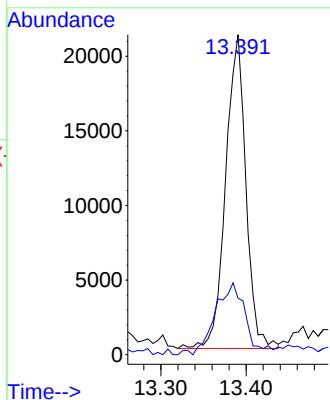
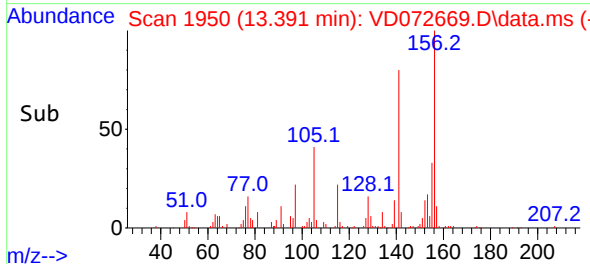
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR



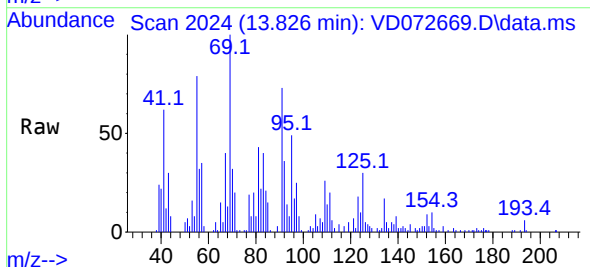
Tgt Ion:105 Resp: 3481
Ion Ratio Lower Upper
105 100
134 34.2 9.8 29.3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#89
n-Butylbenzene
Concen: 22.301 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.006 min
Lab File: VD072669.D
Acq: 21 Apr 2022 14:24



Tgt Ion: 91 Resp: 20264
Ion Ratio Lower Upper
91 100
92 55.2 26.6 79.8
134 34.1 12.3 36.9

