

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072814.D
 Acq On : 05 May 2022 17:10
 Operator : VA/SY
 Sample : N2672-07
 Misc : 6.85G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 07

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/06/2022
 Supervised By :Semsettin Yesilyurt 05/06/2022

Quant Time: May 06 03:50:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	428253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	788320	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	743324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	347290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	267784	48.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.340%		
35) Dibromofluoromethane	7.908	113	247242	44.657	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.320%		
50) Toluene-d8	10.331	98	1022132	51.467	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.940%		
62) 4-Bromofluorobenzene	12.620	95	421010	56.853	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	113.700%		
Target Compounds						
					Qvalue	
31) Cyclohexane	7.973	56	15245	1.569	ug/l #	18
39) Methylcyclohexane	9.349	83	121525	11.638	ug/l	95
67) Ethyl Benzene	11.731	91	136718	4.595	ug/l	100
68) m/p-Xylenes	11.843	106	416845	36.370	ug/l	97
69) o-Xylene	12.173	106	544231	50.843	ug/l	98
73) Isopropylbenzene	12.467	105	381988	14.137	ug/l	100
78) n-propylbenzene	12.808	91	655448	19.247	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	3565629	155.628	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	5995482	261.797	ug/l	99
85) sec-Butylbenzene	13.390	105	1002711	34.131	ug/l	89
86) p-Isopropyltoluene	13.502	119	1168215	48.500	ug/l	98
89) n-Butylbenzene	13.831	91	692721m	29.688	ug/l	

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

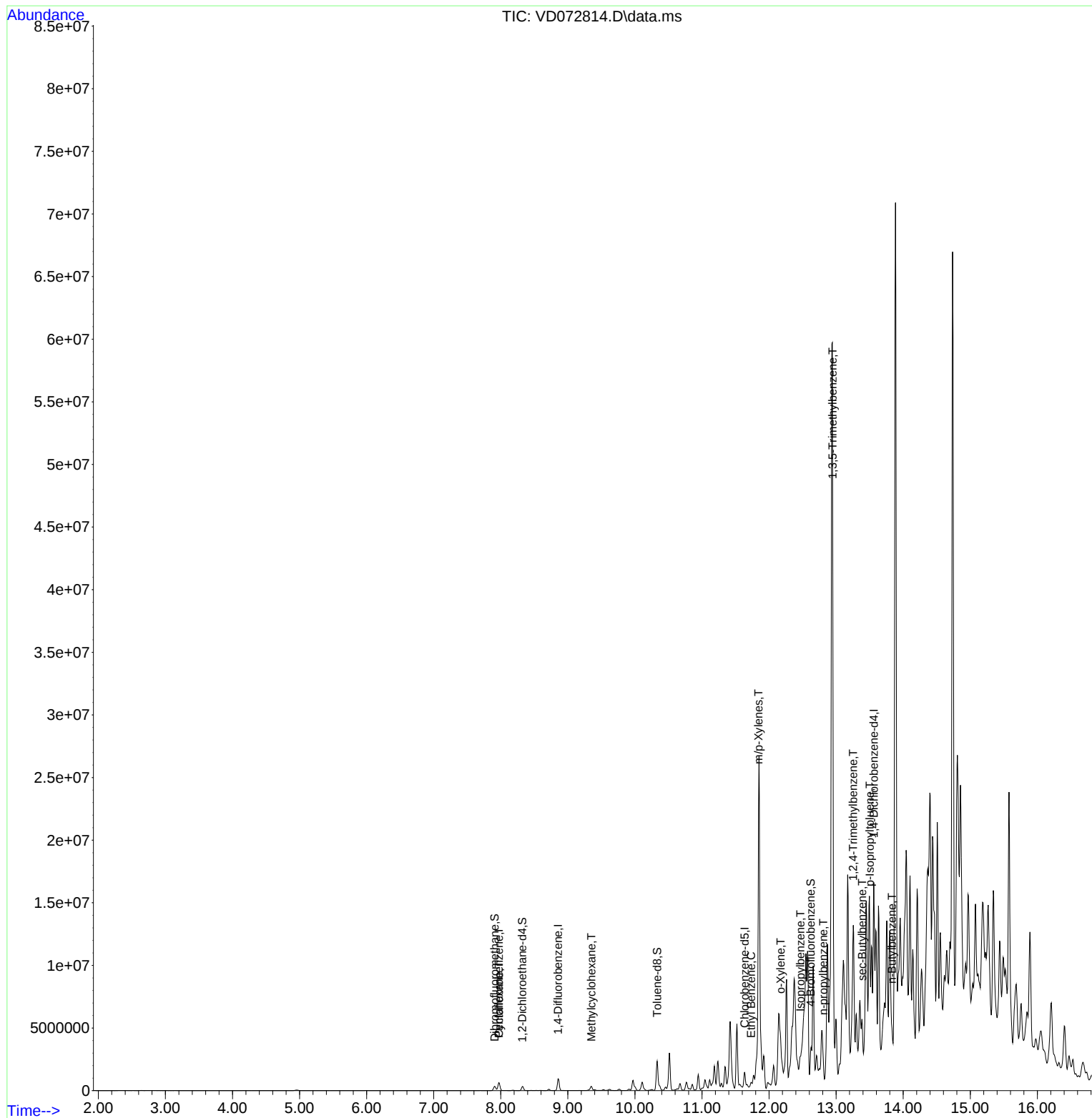
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
Data File : VD072814.D
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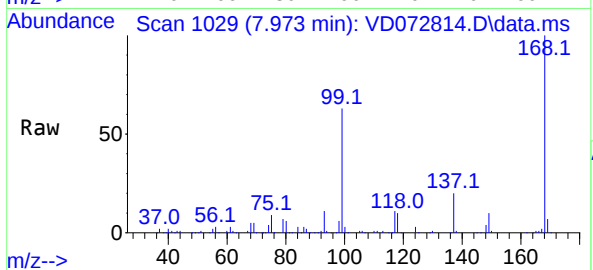
Quant Time: May 06 03:50:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration





Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD072814.D
 Acq: 05 May 2022 17:10

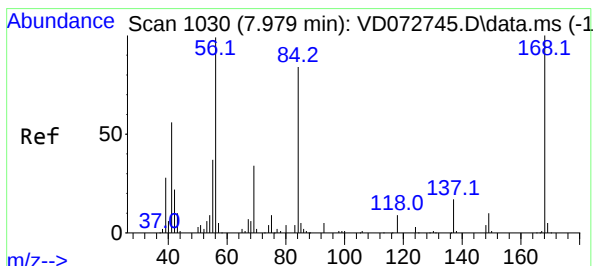
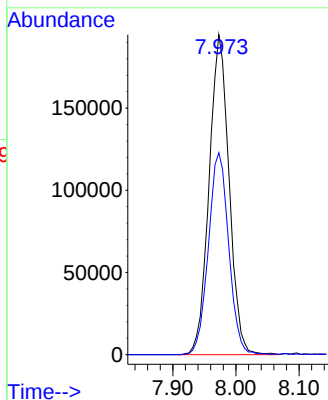
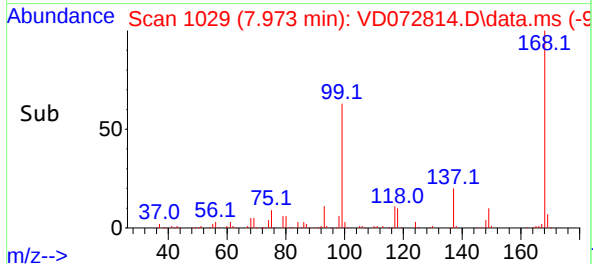
Instrument :
 MSVOA_D
 ClientSampleId :
 07



Tgt Ion:168 Resp: 42825
 Ion Ratio Lower Upper
 168 100
 99 63.1 49.8 74.6

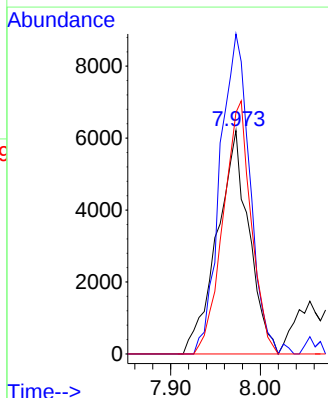
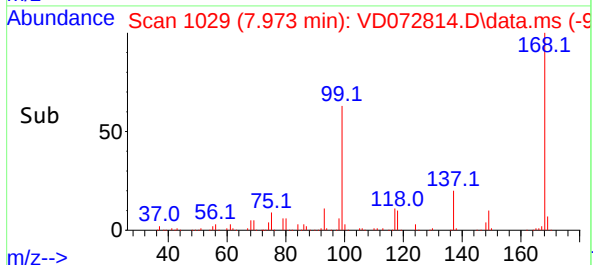
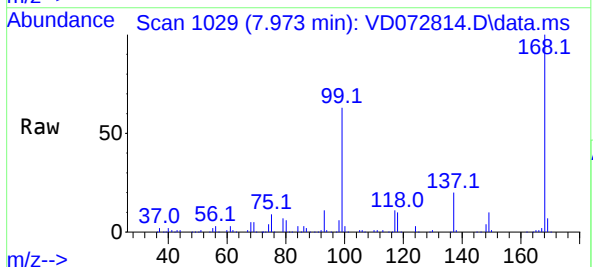
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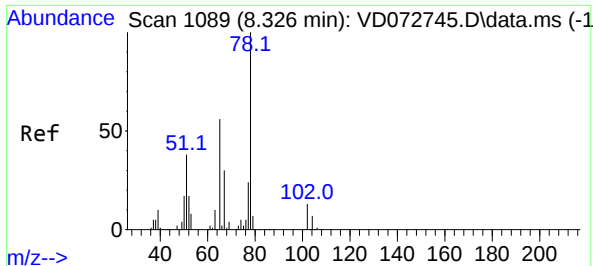
Reviewed By :Mahesh Dadoda 05/06/2022
 Supervised By :Semsettin Yesilyurt 05/06/2022



Cyclohexane
 Concen: 1.569 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD072814.D
 Acq: 05 May 2022 17:10

Tgt Ion: 56 Resp: 15245
 Ion Ratio Lower Upper
 56 100
 69 143.3 25.4 38.2#
 84 108.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.171 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072814.D

Acq: 05 May 2022 17:10

Instrument :

MSVOA_D

ClientSampleId :

07

Tgt Ion: 65 Resp: 267784

Ion Ratio Lower Upper

65 100

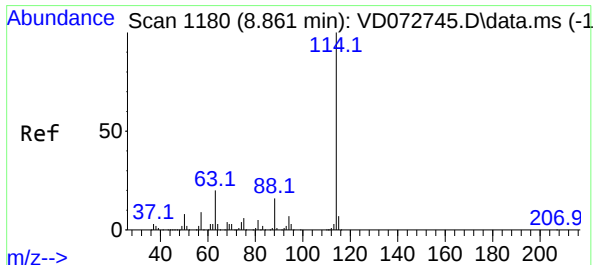
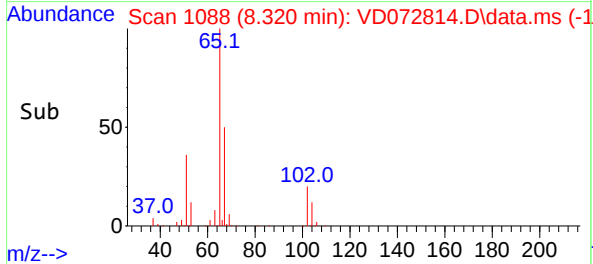
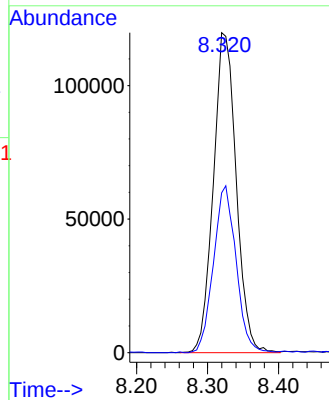
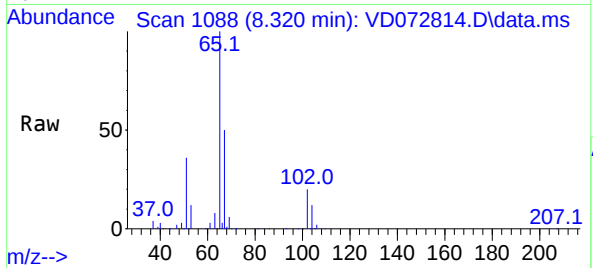
67 51.5 0.0 101.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072814.D

Acq: 05 May 2022 17:10

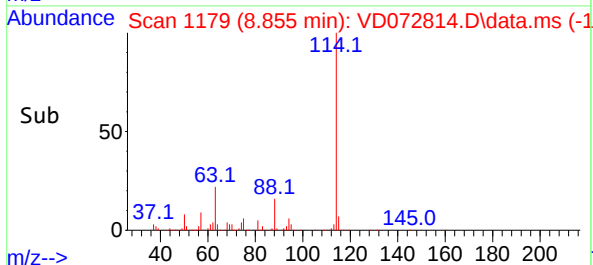
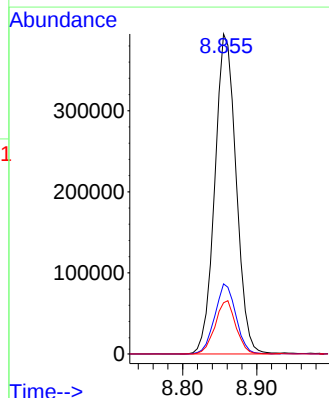
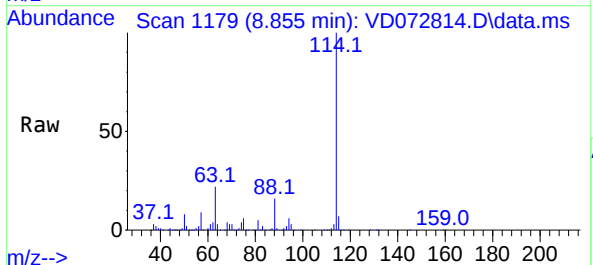
Tgt Ion:114 Resp: 788320

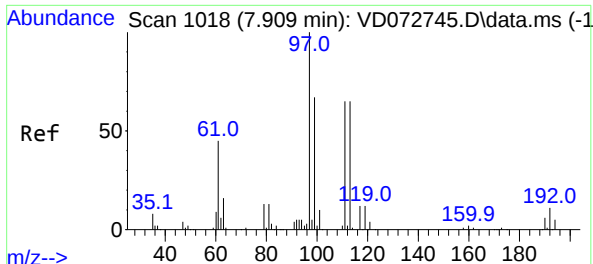
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

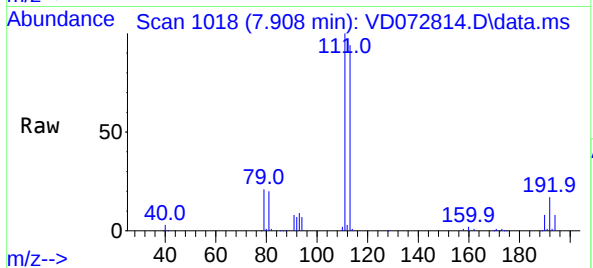
88 16.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 44.657 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10

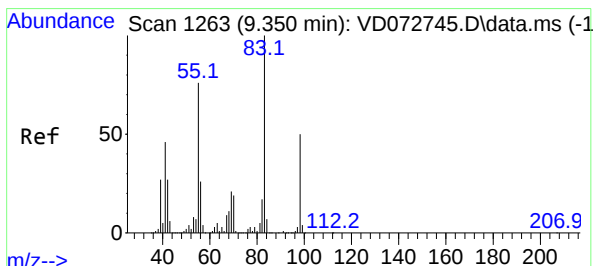
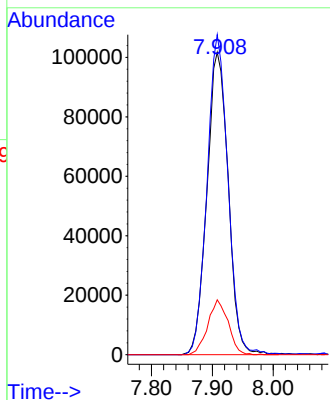
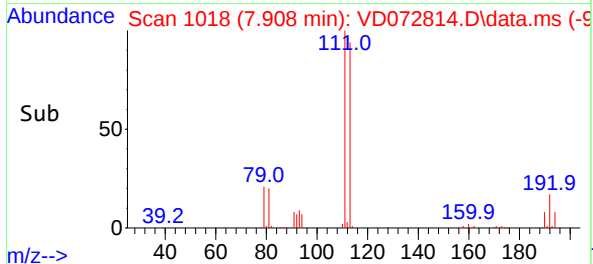
Instrument :
MSVOA_D
ClientSampleId :
07



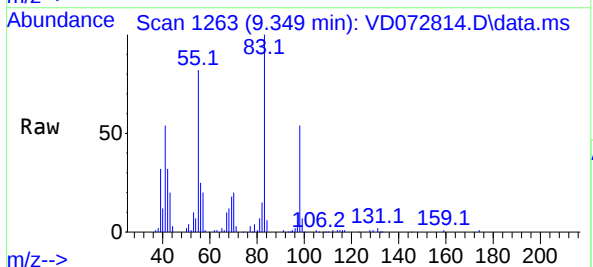
Tgt Ion: 113 Resp: 24724
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.3 14.6 21.8

Manual Integrations
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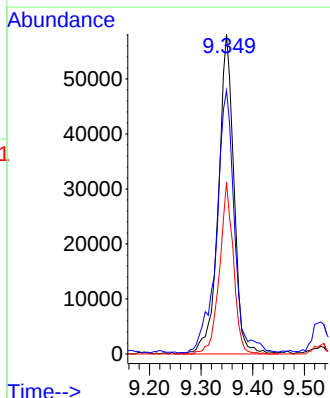
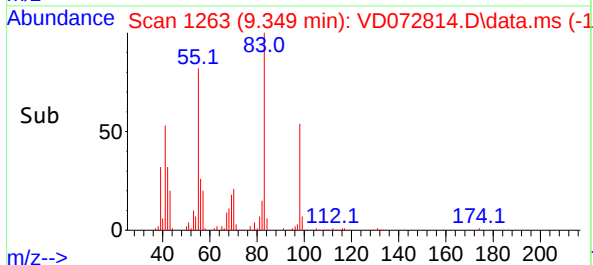
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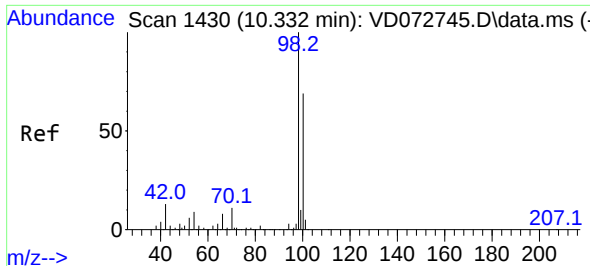


#39
Methylcyclohexane
Concen: 11.638 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.001 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10



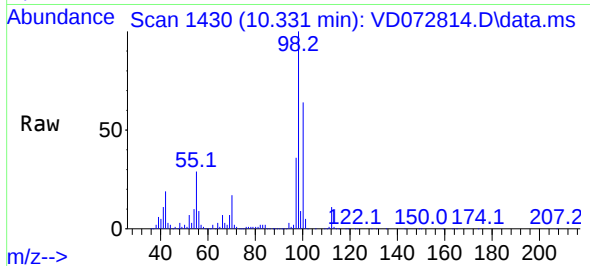
Tgt Ion: 83 Resp: 121525
Ion Ratio Lower Upper
83 100
55 81.9 63.2 94.8
98 53.7 38.2 57.4





#50
Toluene-d8
Concen: 51.467 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10

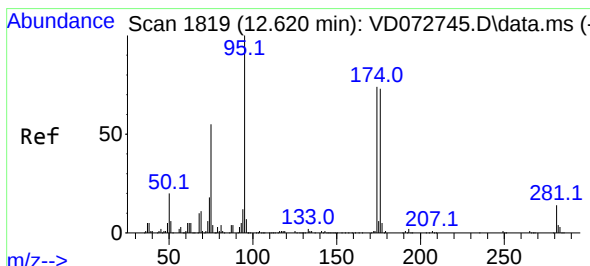
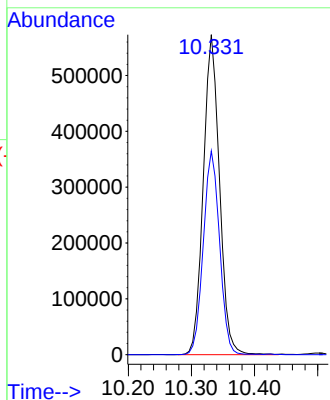
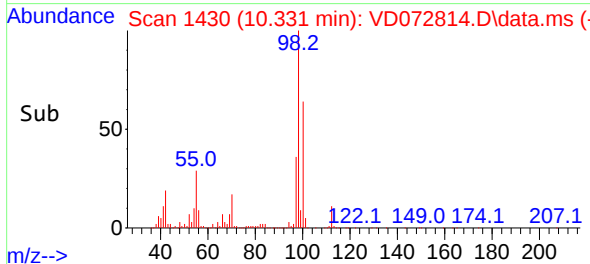
Instrument :
MSVOA_D
ClientSampleId :
07



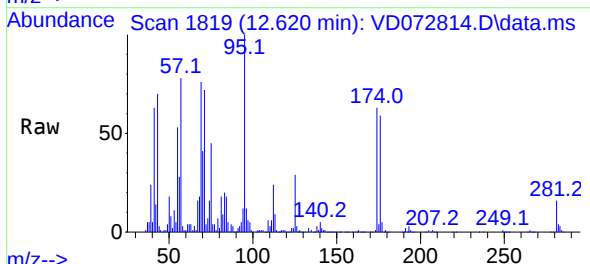
Tgt Ion: 98 Resp: 102213
Ion Ratio Lower Upper
98 100
100 63.8 52.4 78.6

Manual Integrations
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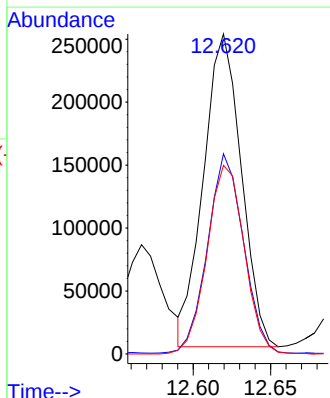
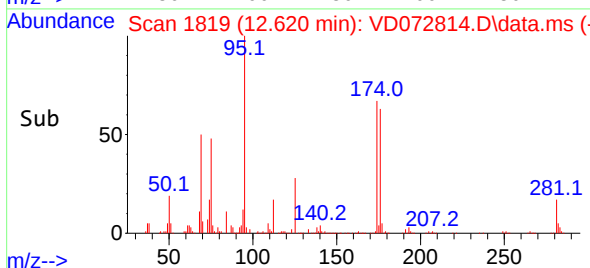
Reviewed By :Mahesh Dadoda 05/06/2022
Supervised By :Semsettin Yesilyurt 05/06/2022

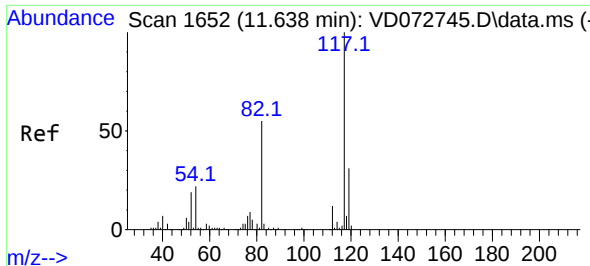


#62
4-Bromofluorobenzene
Concen: 56.853 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10



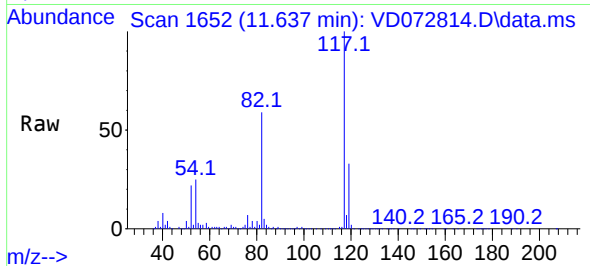
Tgt Ion: 95 Resp: 421010
Ion Ratio Lower Upper
95 100
174 60.9 0.0 152.8
176 59.4 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1163
Delta R.T. -0.001 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10

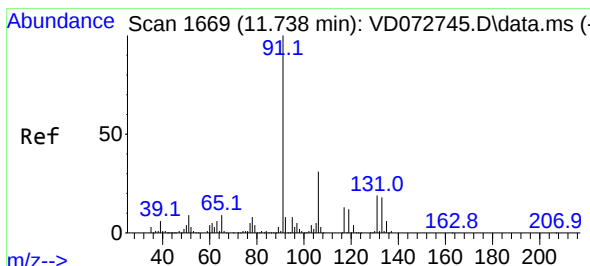
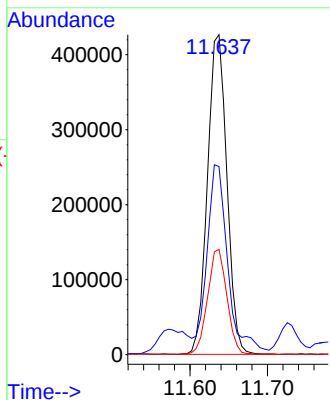
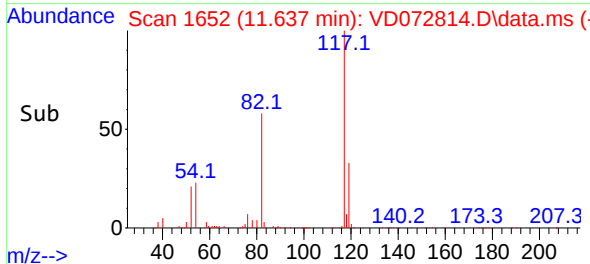
Instrument :
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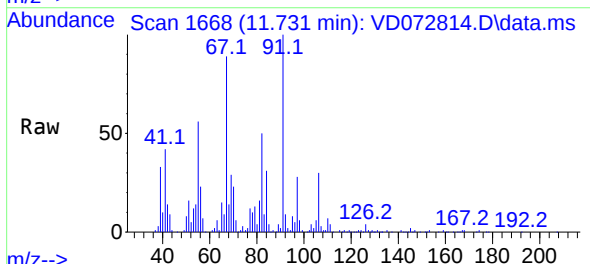
Tgt Ion:117 Resp: 743324
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 32.9 26.6 40.0

Manual Integrations
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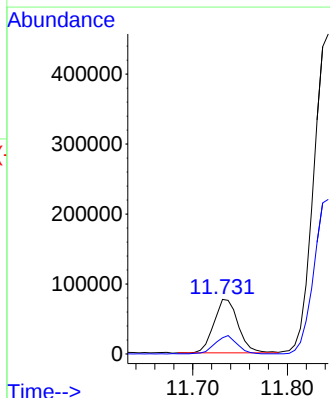
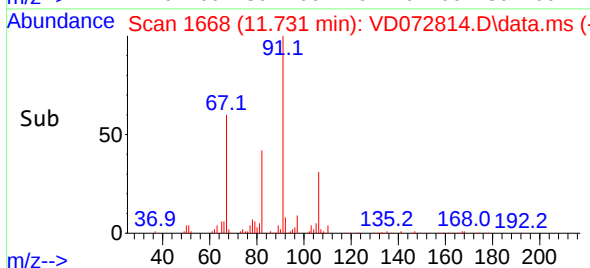
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Supervised By :Semsettin Yesilyurt 05/06/2022

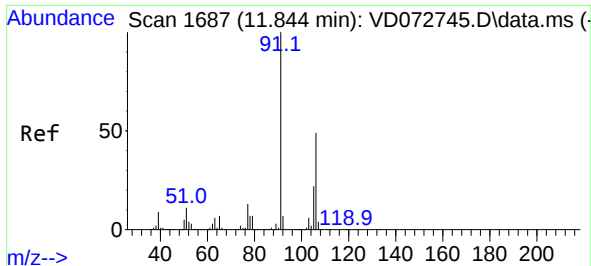


#67
Ethyl Benzene
Concen: 4.595 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.007 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10



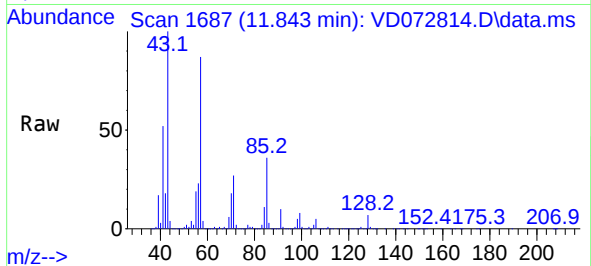
Tgt Ion: 91 Resp: 136718
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4





#68
m/p-Xylenes
Concen: 36.370 ug/l
RT: 11.843 min Scan# 1184
Delta R.T. -0.001 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10

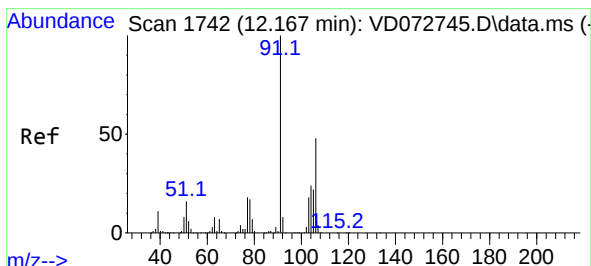
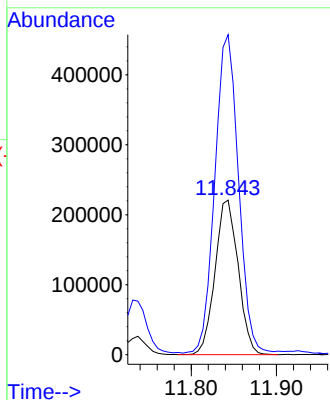
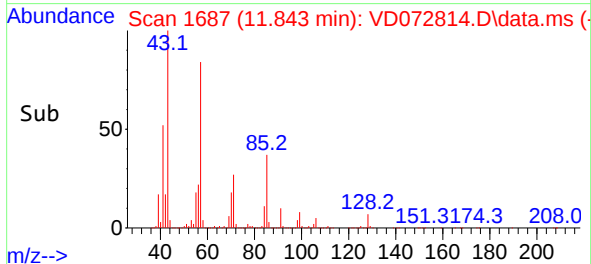
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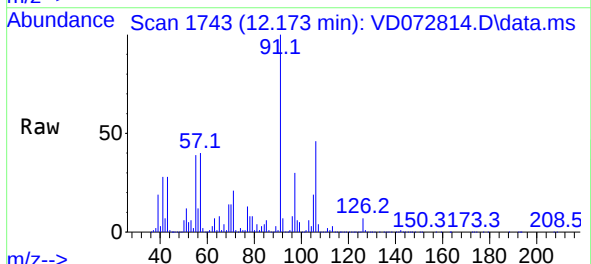
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Ion Ratio Lower Upper
106 100
91 209.6 163.7 245.5

Manual Integrations
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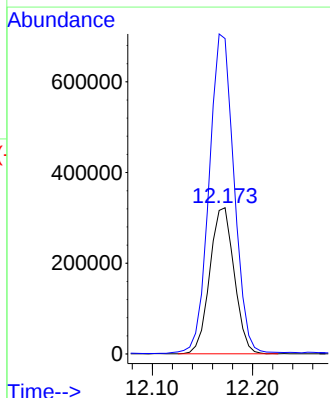
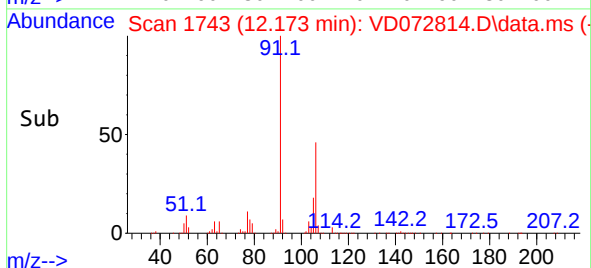
Reviewed By :Mahesh Dadoda 05/06/2022
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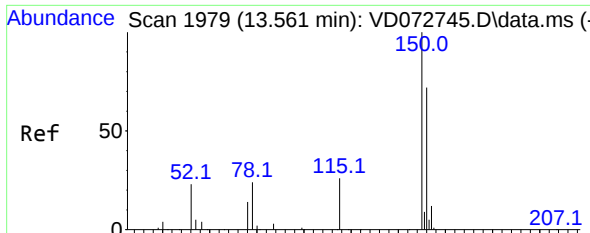


#69
o-Xylene
Concen: 50.843 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10



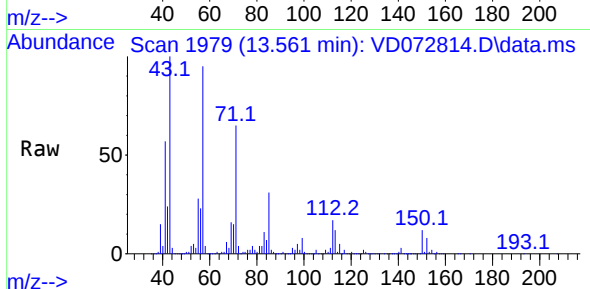
Tgt Ion:106 Resp: 544231
Ion Ratio Lower Upper
106 100
91 223.6 110.4 331.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10

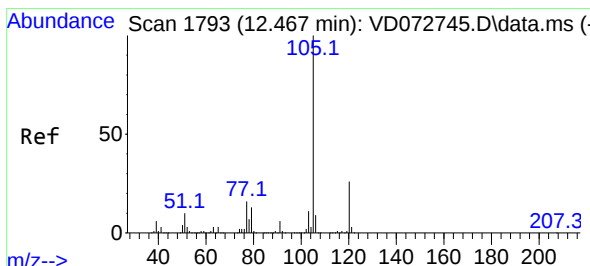
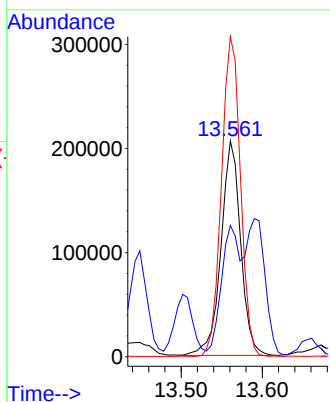
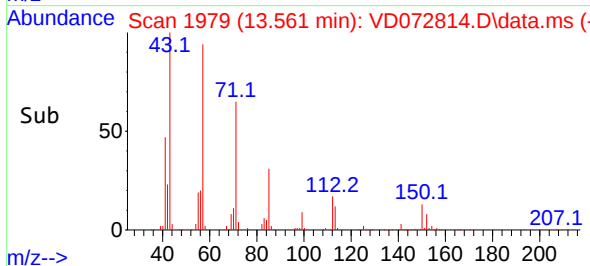
Instrument :
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ClientSampleId :
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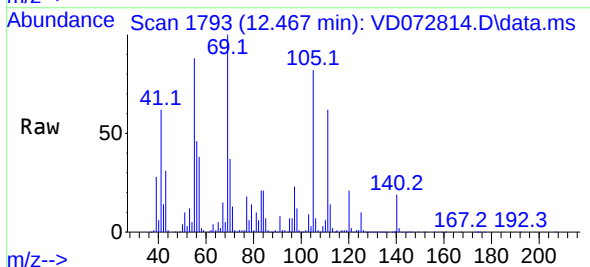
Tgt Ion:152 Resp: 347290
Ion Ratio Lower Upper
152 100
115 53.3 31.3 93.8
150 144.1 0.0 348.6

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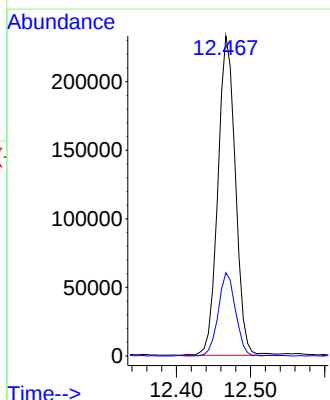
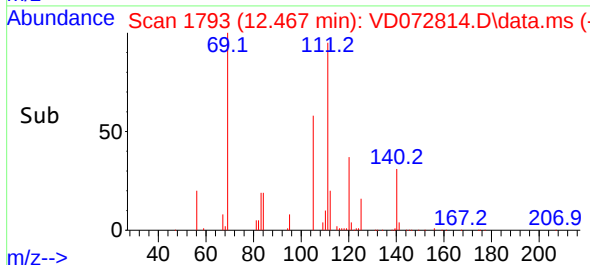
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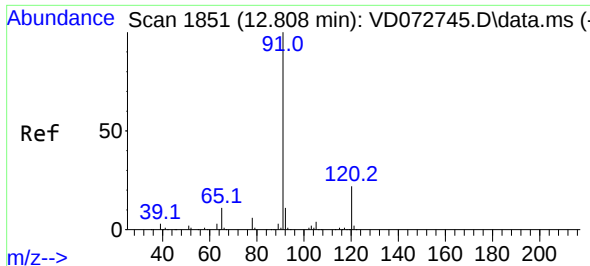


#73
Isopropylbenzene
Concen: 14.137 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10



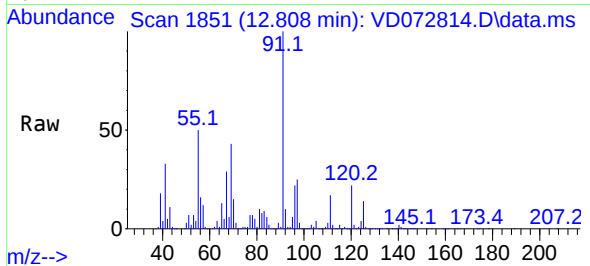
Tgt Ion:105 Resp: 381988
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9





#78
n-propylbenzene
Concen: 19.247 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10

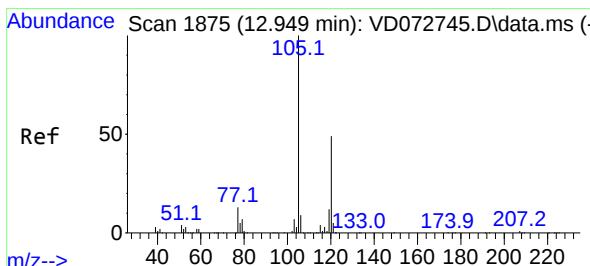
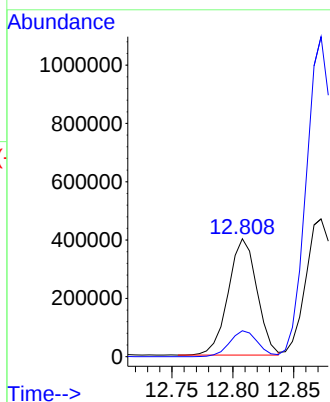
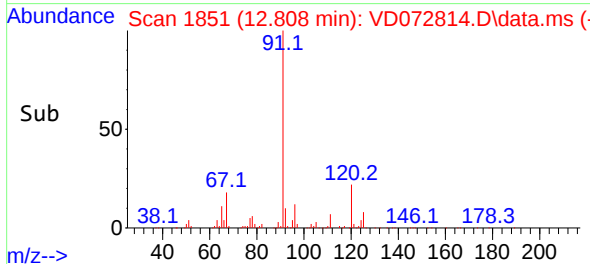
Instrument :
MSVOA_D
ClientSampleId :
07



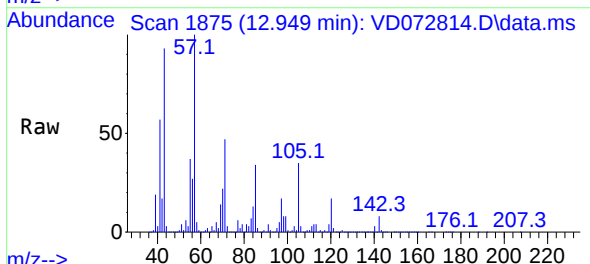
Tgt Ion: 91 Resp: 655448
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

Manual Integrations
APPROVED

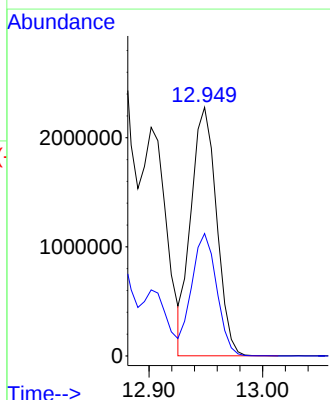
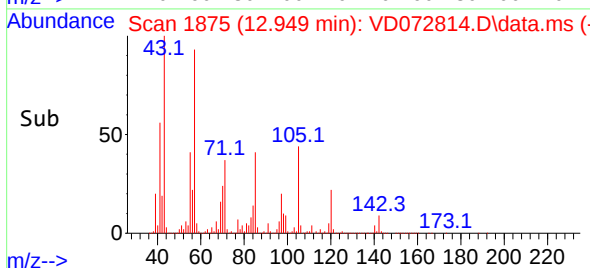
Reviewed By :Mahesh Dadoda 05/06/2022
Supervised By :Semsettin Yesilyurt 05/06/2022

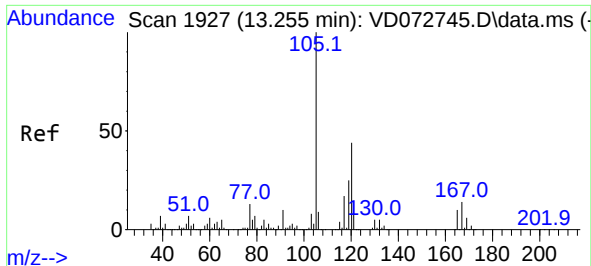


#80
1,3,5-Trimethylbenzene
Concen: 155.628 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10



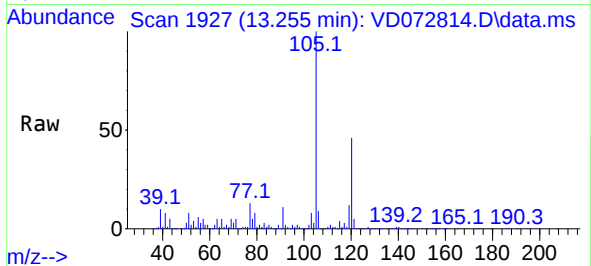
Tgt Ion:105 Resp: 3565629
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8





#84
1,2,4-Trimethylbenzene
Concen: 261.797 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10

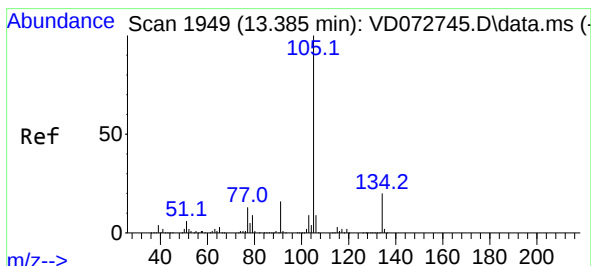
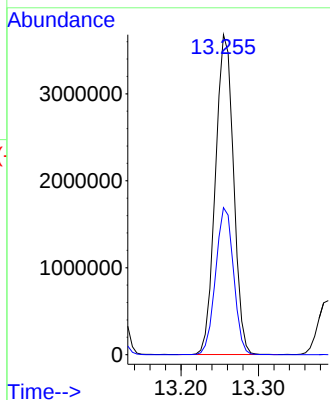
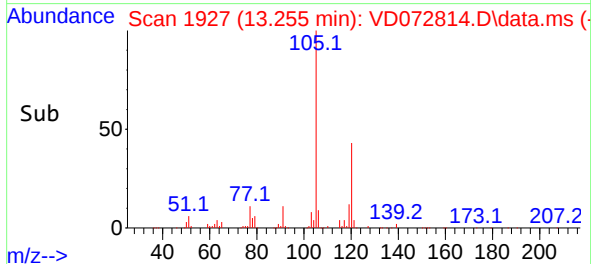
Instrument :
MSVOA_D
ClientSampleId :
07



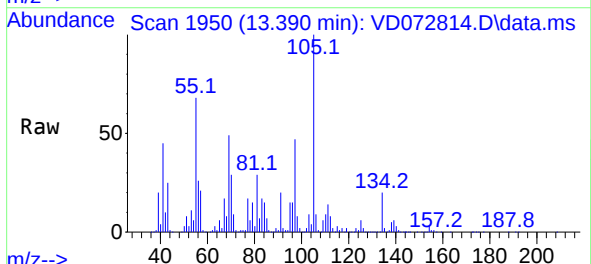
Tgt Ion:105 Resp: 599548
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8

Manual Integrations
APPROVED

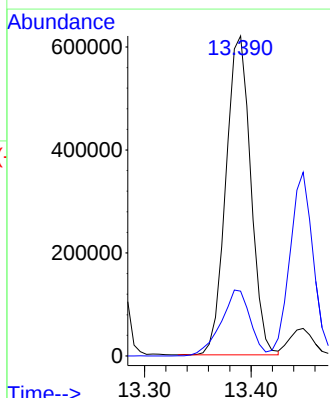
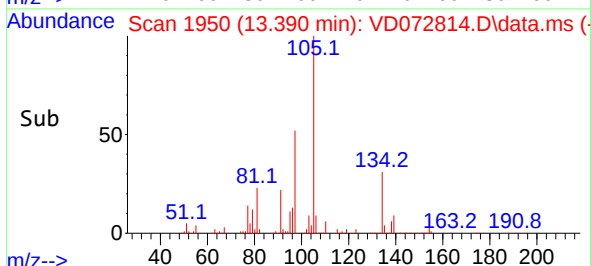
Reviewed By :Mahesh Dadoda 05/06/2022
Supervised By :Semsettin Yesilyurt 05/06/2022

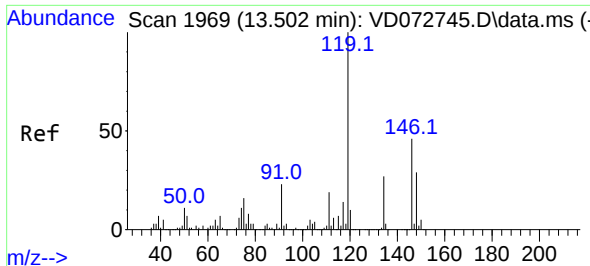


#85
sec-Butylbenzene
Concen: 34.131 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.005 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10



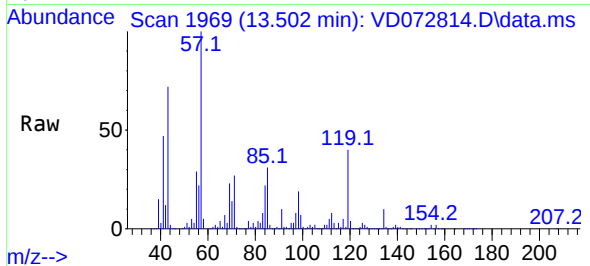
Tgt Ion:105 Resp: 1002711
Ion Ratio Lower Upper
105 100
134 24.3 9.8 29.3





#86
p-Isopropyltoluene
Concen: 48.500 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10

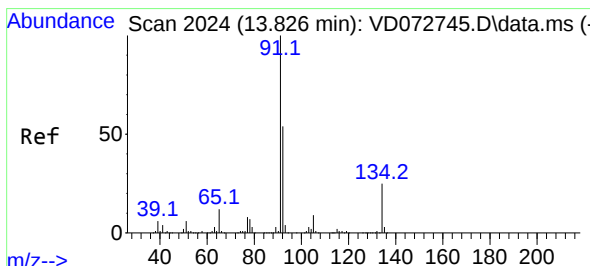
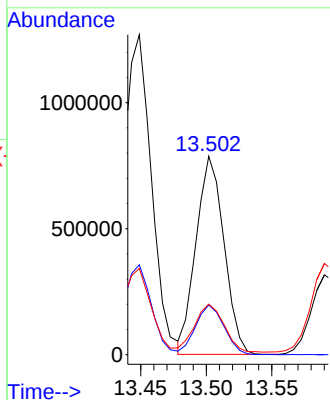
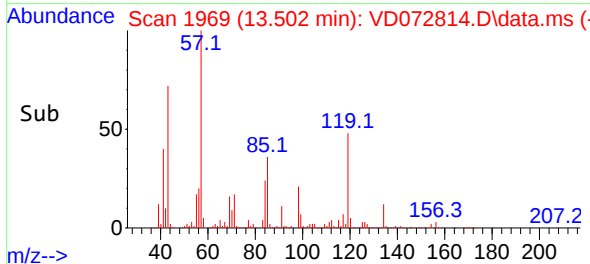
Instrument :
MSVOA_D
ClientSampleId :
07



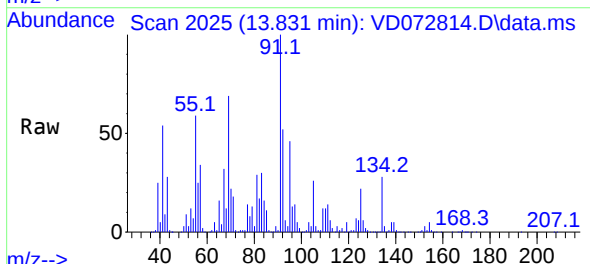
Tgt Ion:119 Resp: 116821
Ion Ratio Lower Upper
119 100
134 25.5 12.9 38.6
91 25.5 12.1 36.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/06/2022
Supervised By :Semsettin Yesilyurt 05/06/2022



#89
n-Butylbenzene
Concen: 29.688 ug/l m
RT: 13.831 min Scan# 2025
Delta R.T. 0.005 min
Lab File: VD072814.D
Acq: 05 May 2022 17:10



Tgt Ion: 91 Resp: 692721
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.8#
134 309.2 12.3 36.9#

