

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072194.D
 Acq On : 15 Mar 2022 17:43
 Operator : VA/SY
 Sample : N1905-09
 Misc : 4.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-2-(4.0-4.5)

Quant Time: Mar 16 01:01:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/17/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	510946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	928841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	686634	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.549	152	766202	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	279927	49.160	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.320%		
35) Dibromofluoromethane	7.908	113	282148	43.166	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.340%		
50) Toluene-d8	10.344	98	5133847	214.804	ug/l	0.01
Spiked Amount 50.000	Range 49 - 140		Recovery =	429.600%#		
62) 4-Bromofluorobenzene	12.626	95	3111563	335.063	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	670.120%#		
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.403	76	61171	6.918	ug/l #	93
31) Cyclohexane	7.985	56	2806076	315.420	ug/l #	95
39) Methylcyclohexane	9.361	83	33205688	3218.068	ug/l	87
40) Benzene	8.350	78	416405	15.918	ug/l	100
73) Isopropylbenzene	12.473	105	18350437	302.226	ug/l	86
78) n-propylbenzene	12.808	91	20686214	280.488	ug/l #	68
83) tert-Butylbenzene	13.220	119	1247832	27.286	ug/l	82
84) 1,2,4-Trimethylbenzene	13.261	105	381265m	7.418	ug/l	
85) sec-Butylbenzene	13.396	105	13620454	198.327	ug/l #	65
89) n-Butylbenzene	13.832	91	8222791	152.653	ug/l #	87

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

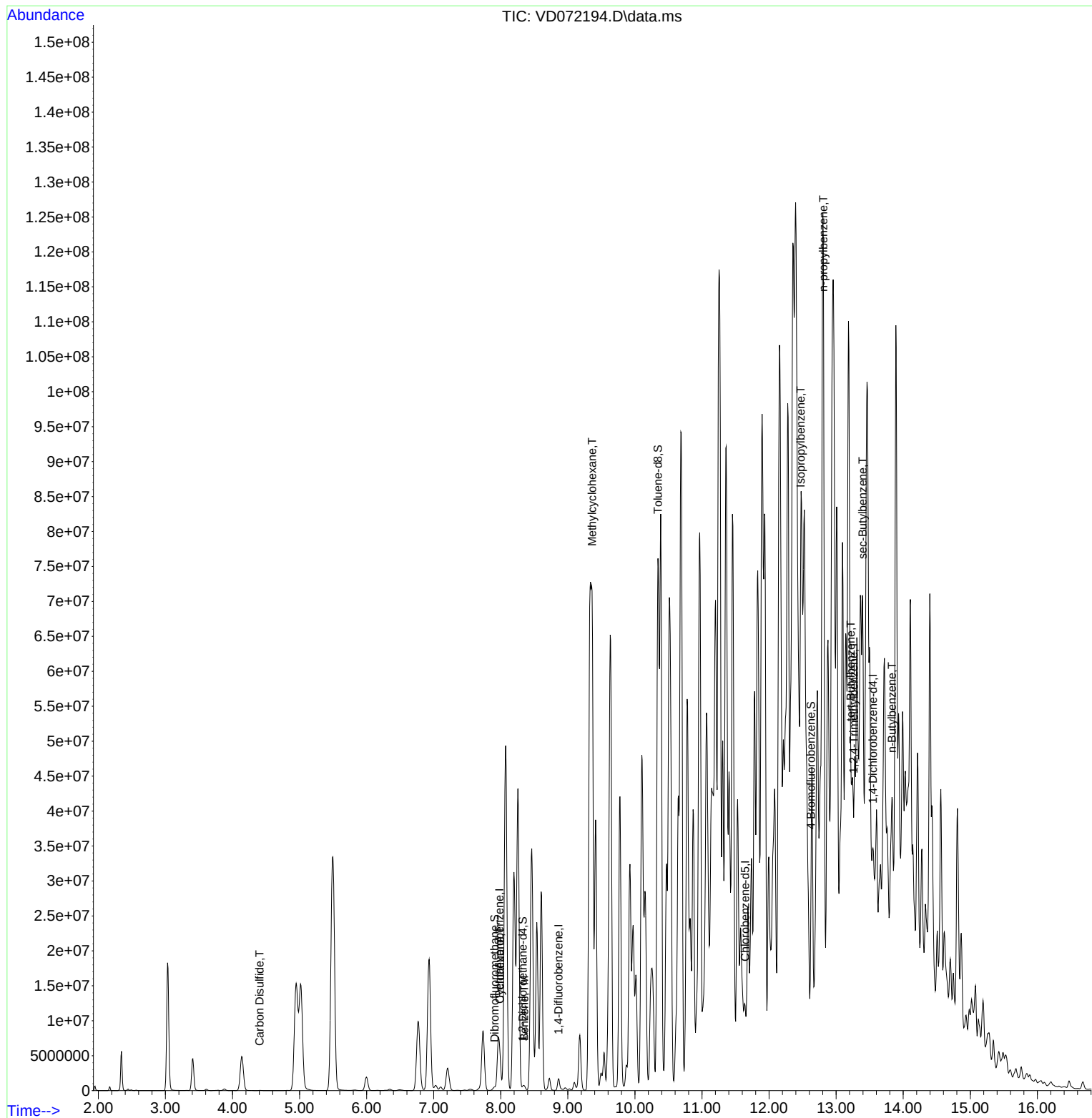
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

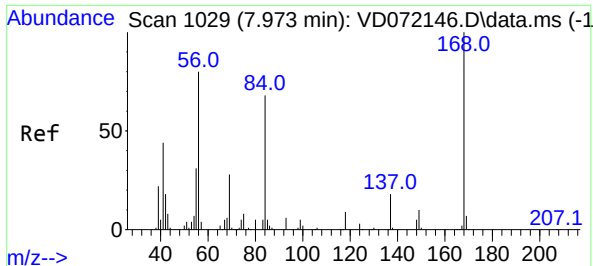
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Time: Mar 16 01:01:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

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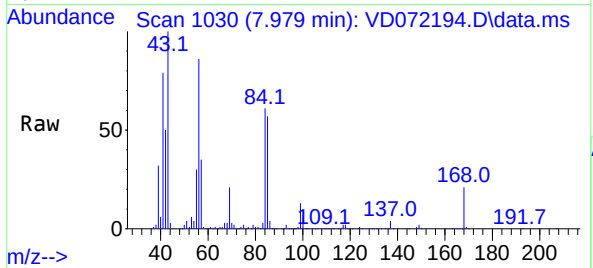
Reviewed By : John Carlone 03/16/2022
Supervised By : Mahesh Dadoda 03/17/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

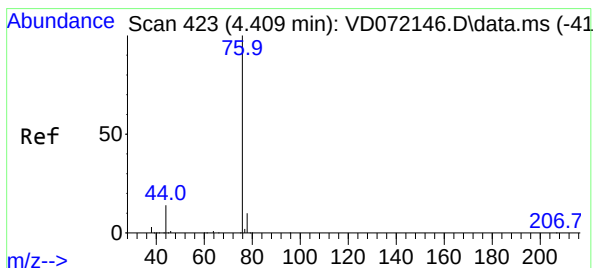
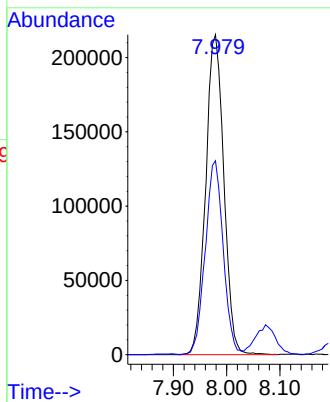
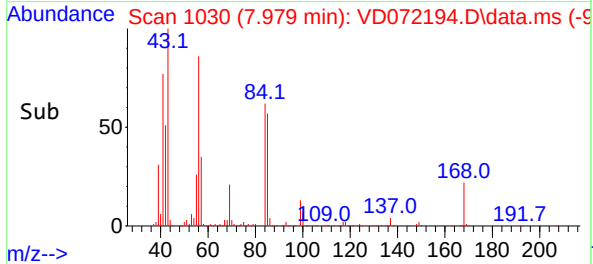
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)



Tgt Ion:168 Resp: 51094
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6

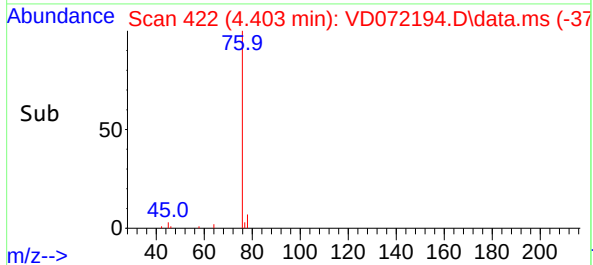
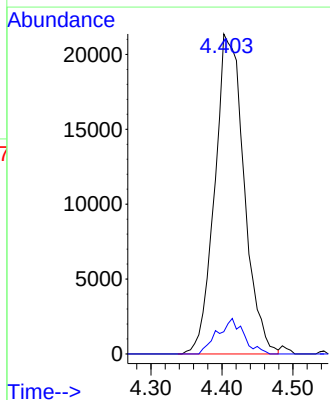
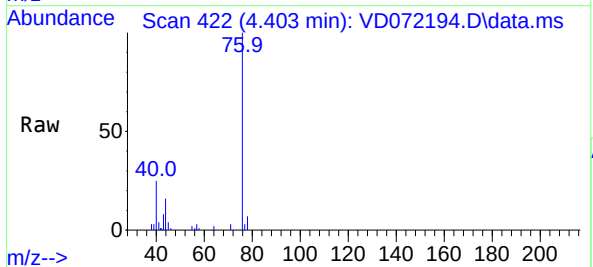
Manual Integrations
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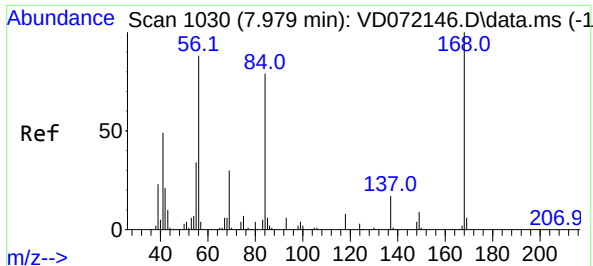
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#17
Carbon Disulfide
Concen: 6.918 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

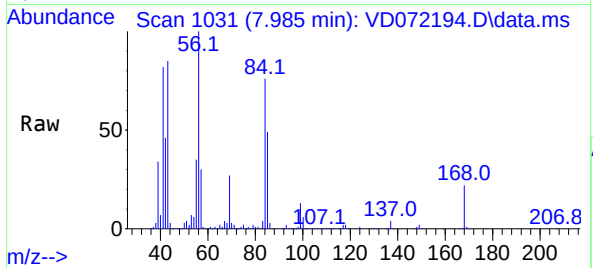
Tgt Ion: 76 Resp: 61171
Ion Ratio Lower Upper
76 100
78 7.0 7.5 11.3#





#31
Cyclohexane
Concen: 315.420 ug/l
RT: 7.985 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

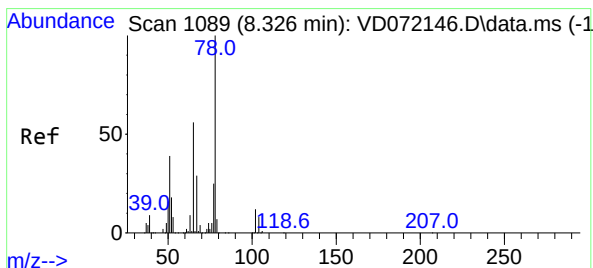
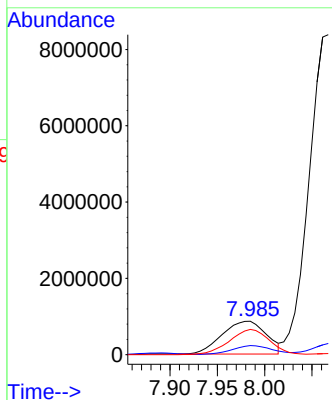
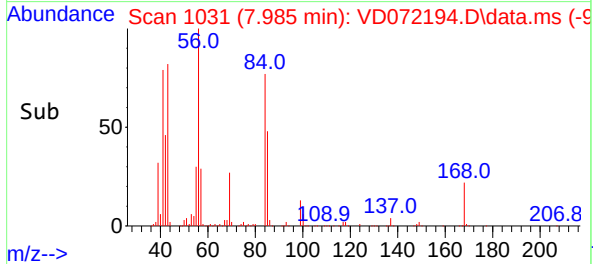
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)



Tgt Ion: 56 Resp: 2806070
Ion Ratio Lower Upper
56 100
69 25.1 25.4 38.2
84 77.0 63.0 94.4

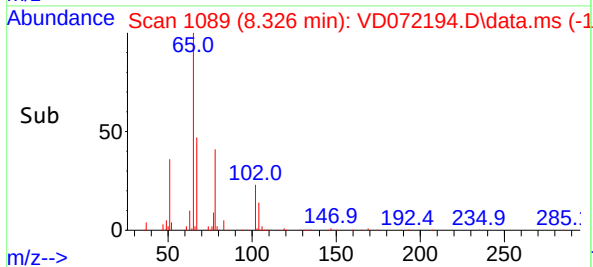
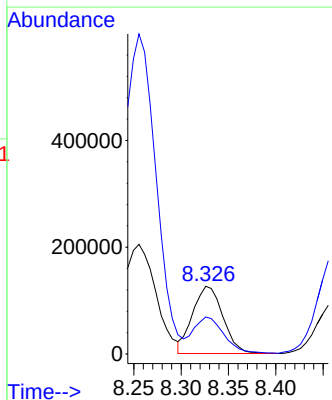
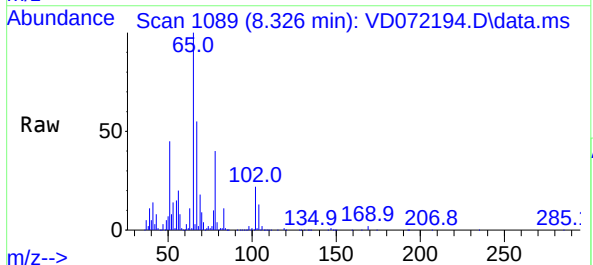
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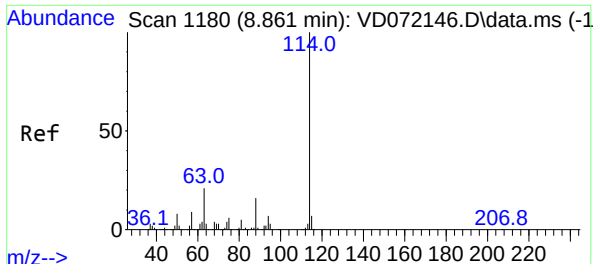
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#33
1,2-Dichloroethane-d4
Concen: 49.160 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

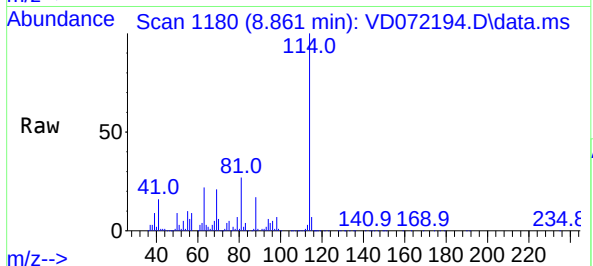
Tgt Ion: 65 Resp: 279927
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

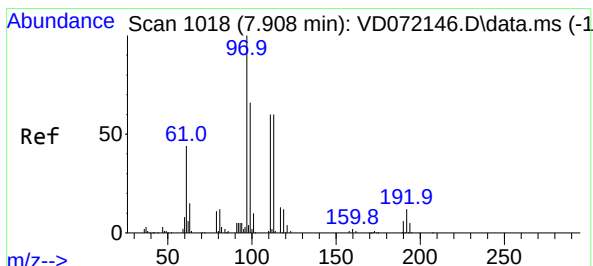
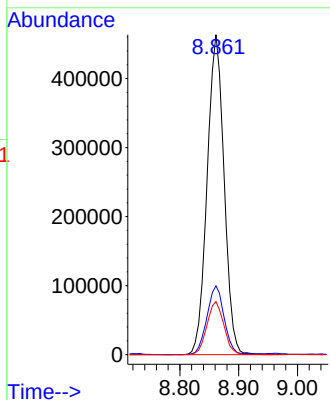
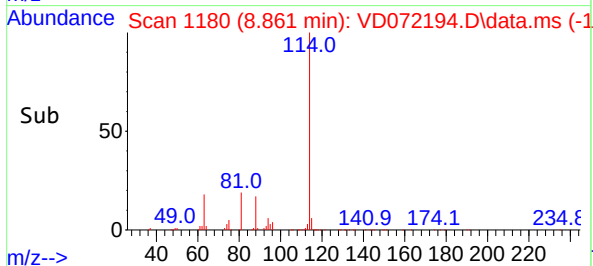
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)



Tgt Ion:114 Resp: 92884
Ion Ratio Lower Upper
114 100
63 21.4 0.0 46.6
88 16.6 0.0 33.2

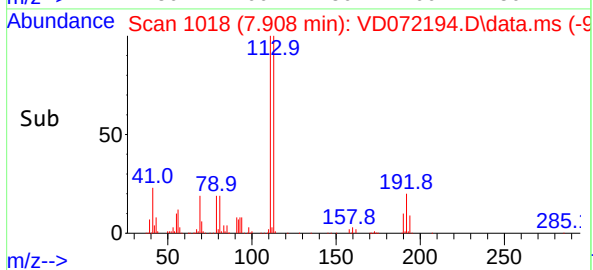
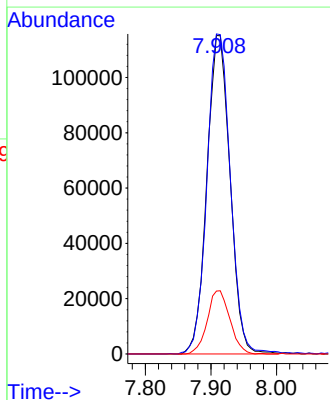
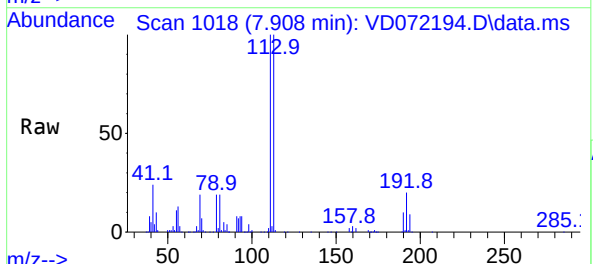
Manual Integrations
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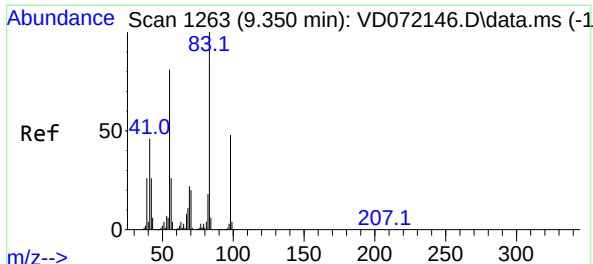
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#35
Dibromofluoromethane
Concen: 43.166 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion:113 Resp: 282148
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 19.3 14.6 21.8





#39

Methylcyclohexane

Concen: 3218.068 ug/l

RT: 9.361 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD072194.D

Acq: 15 Mar 2022 17:43

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-2-(4.0-4.5)

Tgt Ion: 83 Resp: 3320568

Ion Ratio Lower Upper

83 100

55 91.1 63.2 94.8

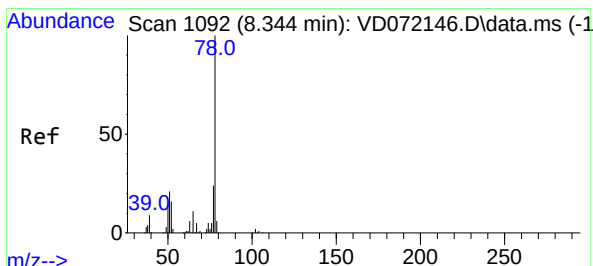
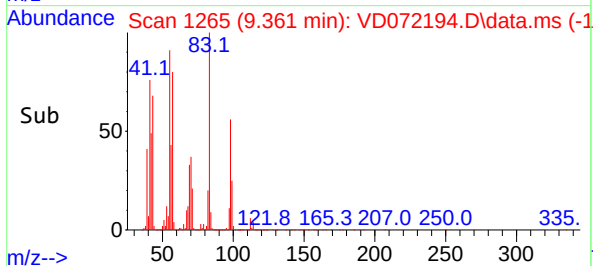
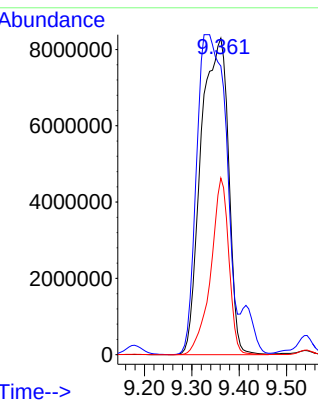
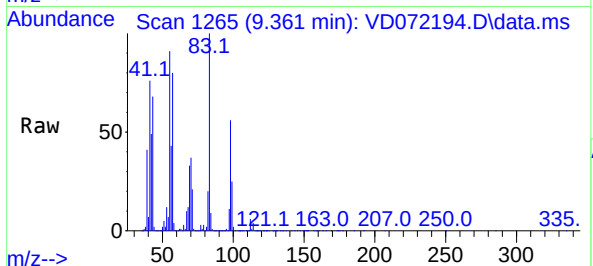
98 55.8 38.2 57.4

Manual Integrations

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Reviewed By : John Carlone 03/16/2022

Supervised By : Mahesh Dadoda 03/17/2022



#40

Benzene

Concen: 15.918 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072194.D

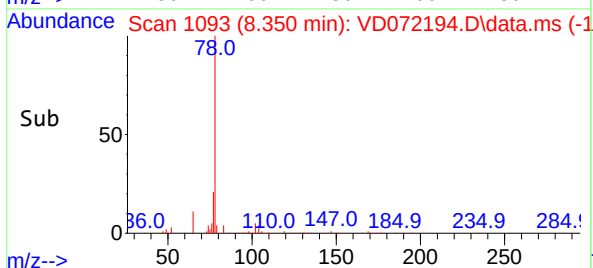
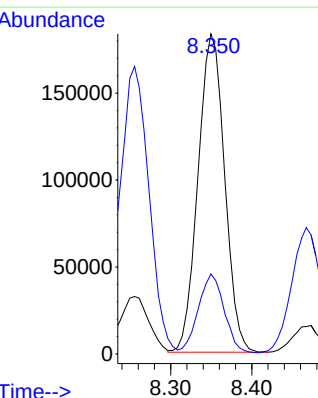
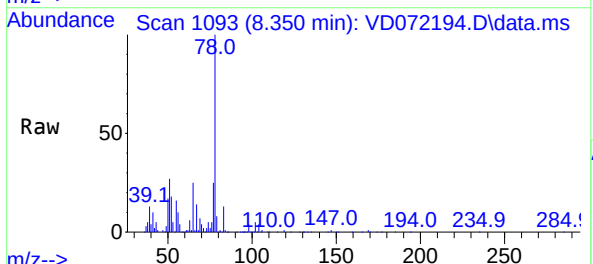
Acq: 15 Mar 2022 17:43

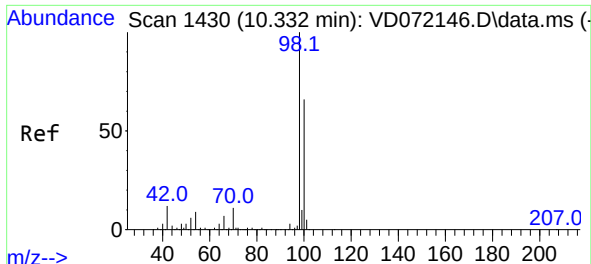
Tgt Ion: 78 Resp: 416405

Ion Ratio Lower Upper

78 100

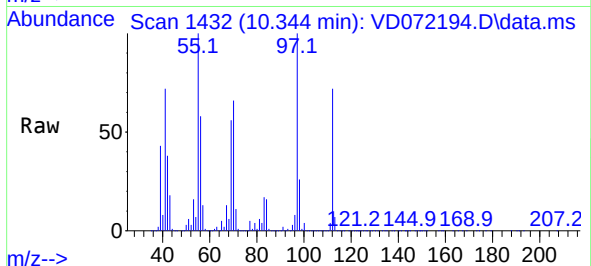
77 24.1 19.1 28.7





#50
Toluene-d8
Concen: 214.804 ug/l
RT: 10.344 min Scan# 1430
Delta R.T. 0.012 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

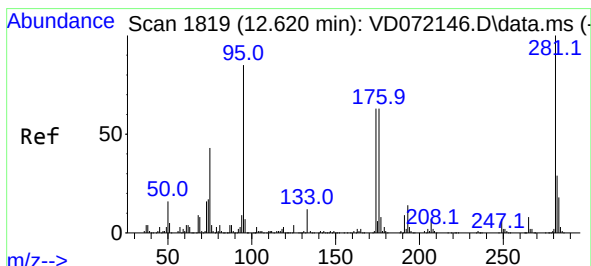
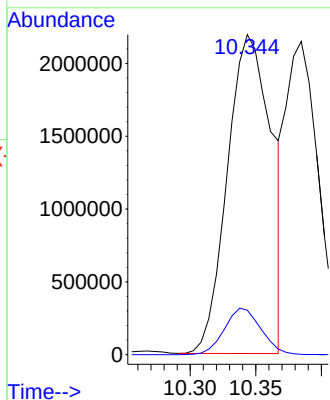
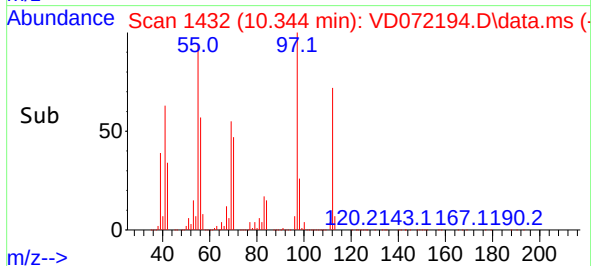
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)



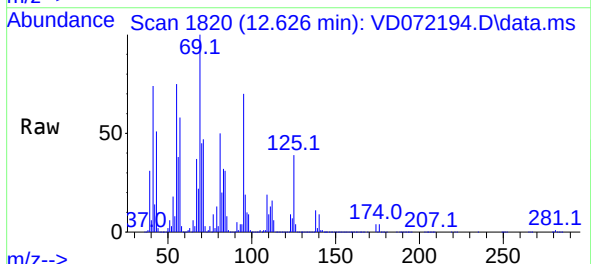
Tgt Ion: 98 Resp: 513384
Ion Ratio Lower Upper
98 100
100 12.2 52.4 78.6

Manual Integrations
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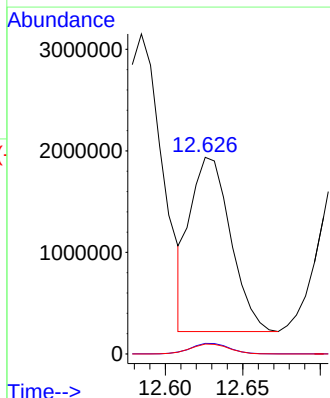
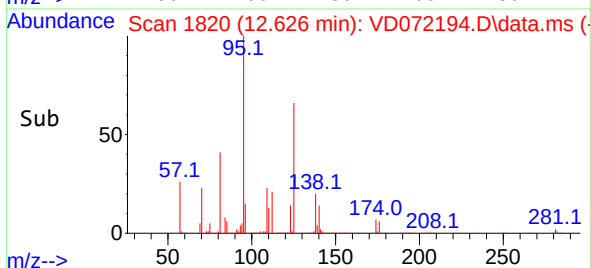
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

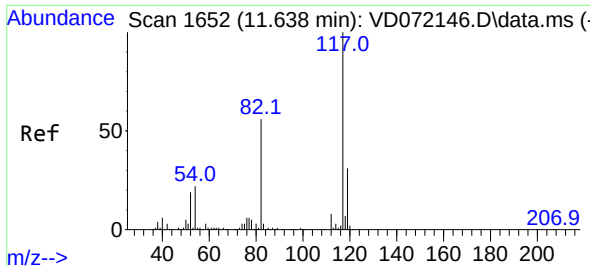


#62
4-Bromofluorobenzene
Concen: 335.063 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43



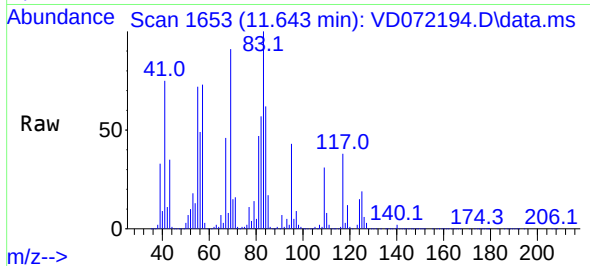
Tgt Ion: 95 Resp: 3111563
Ion Ratio Lower Upper
95 100
174 5.7 0.0 152.8
176 5.5 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

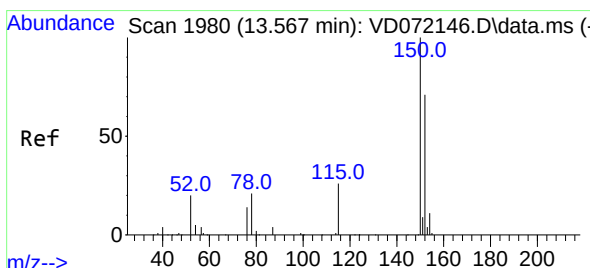
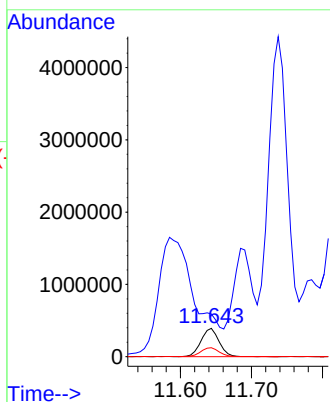
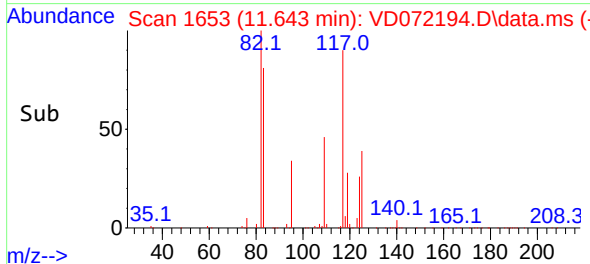
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ClientSampleId :
WC-14A-1A-2-(4.0-4.5)



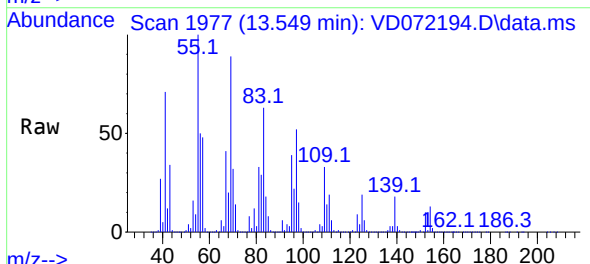
Tgt Ion:117 Resp: 686634
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9
119 31.3 26.6 40.0

Manual Integrations
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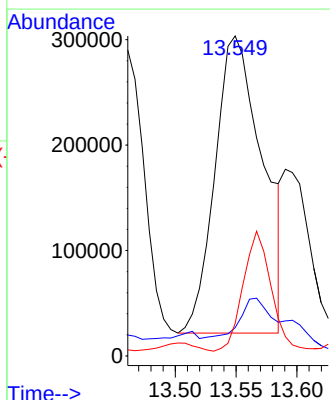
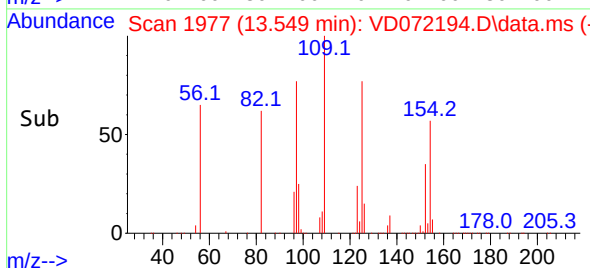
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

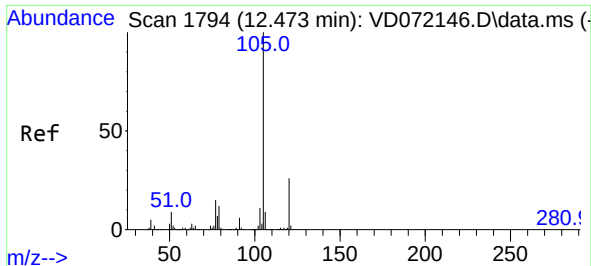


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.549 min Scan# 1977
Delta R.T. -0.018 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43



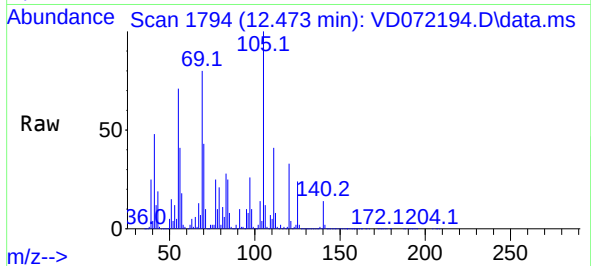
Tgt Ion:152 Resp: 766202
Ion Ratio Lower Upper
152 100
115 17.5 31.3 93.8
150 23.9 0.0 348.6





#73
Isopropylbenzene
Concen: 302.226 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

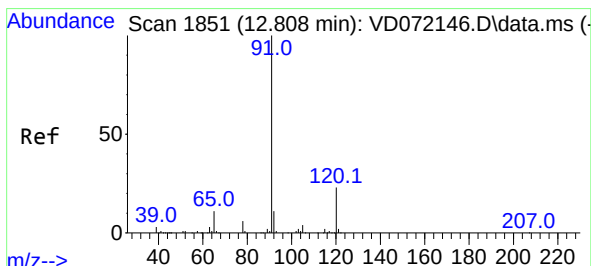
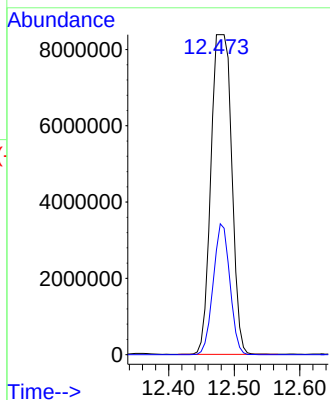
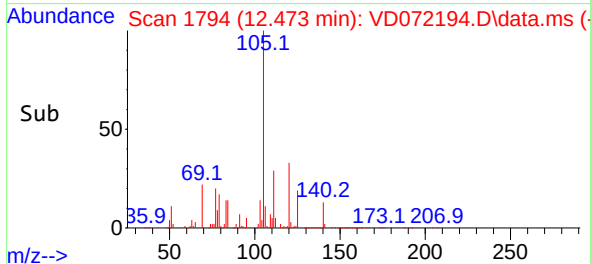
Instrument :
MSVOA_D
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WC-14A-1A-2-(4.0-4.5)



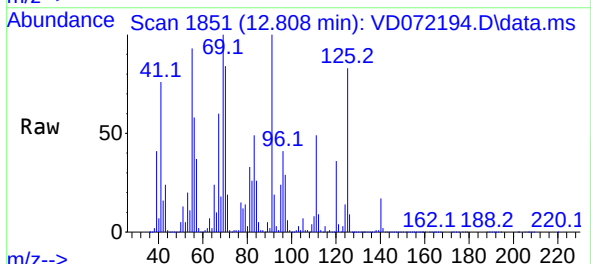
Tgt Ion:105 Resp:1835043
Ion Ratio Lower Upper
105 100
120 32.9 13.0 38.9

Manual Integrations
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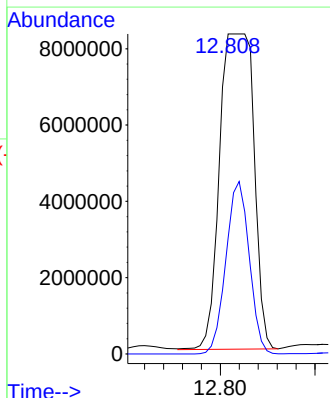
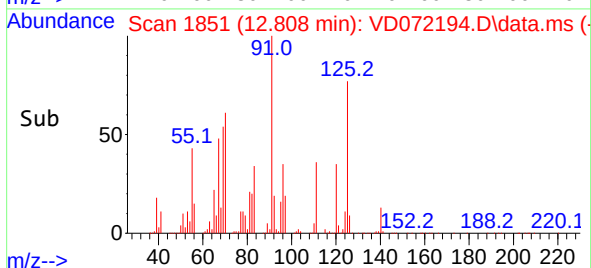
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

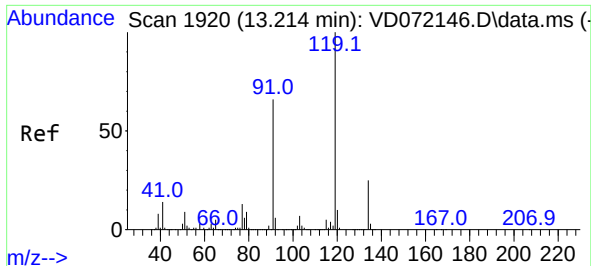


#78
n-propylbenzene
Concen: 280.488 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43



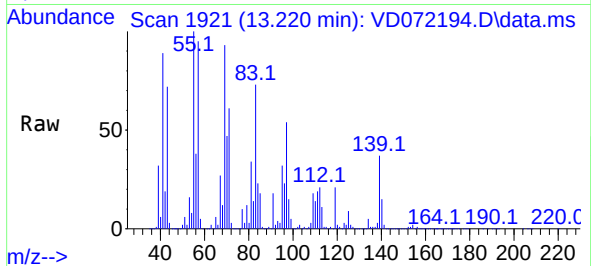
Tgt Ion: 91 Resp:20686214
Ion Ratio Lower Upper
91 100
120 37.3 10.9 32.9#





#83
tert-Butylbenzene
Concen: 27.286 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

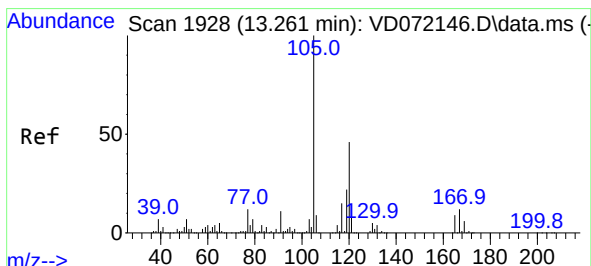
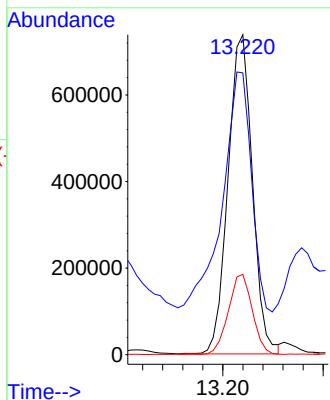
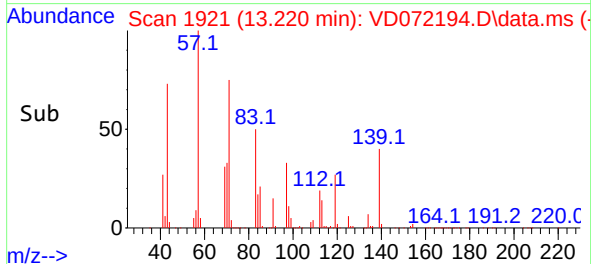
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)



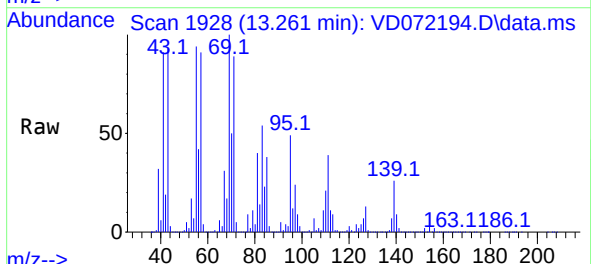
Tgt Ion:119 Resp: 124783
Ion Ratio Lower Upper
119 100
91 89.2 34.8 104.5
134 24.5 13.3 39.9

Manual Integrations
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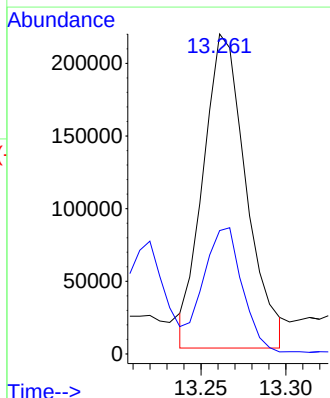
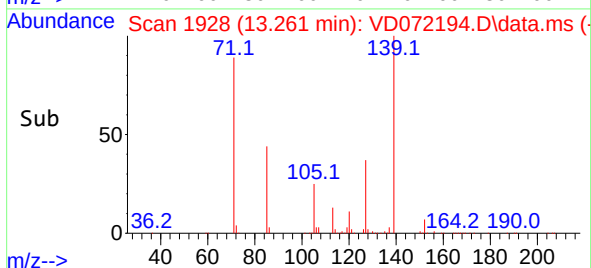
Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022

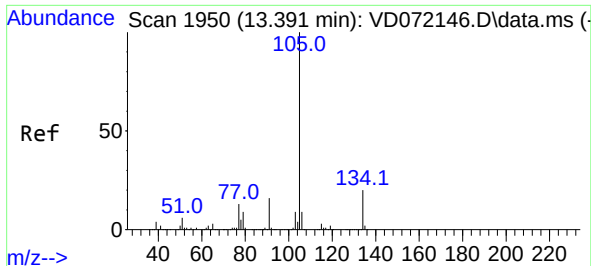


#84
1,2,4-Trimethylbenzene
Concen: 7.418 ug/l m
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43



Tgt Ion:105 Resp: 381265
Ion Ratio Lower Upper
105 100
120 80.5 22.3 66.8#





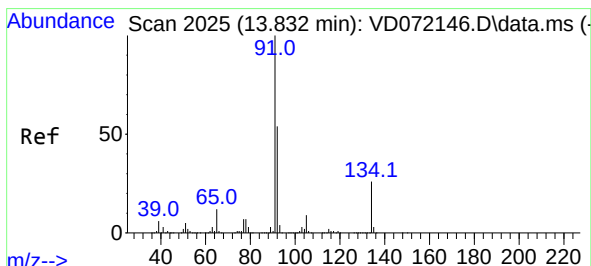
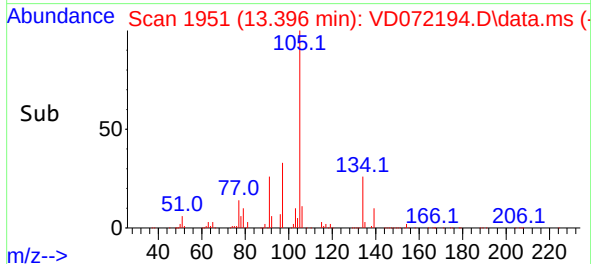
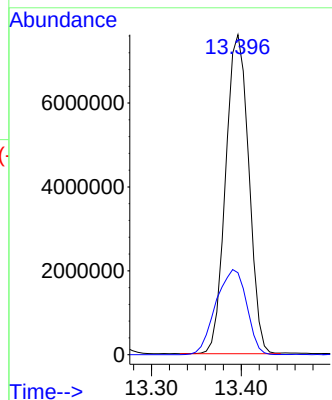
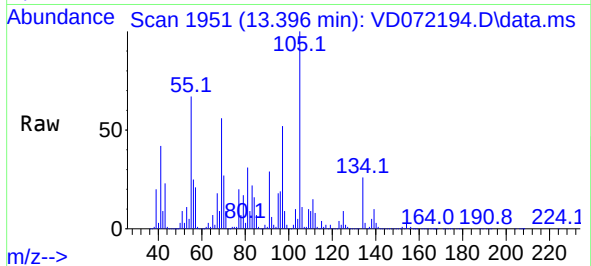
#85
sec-Butylbenzene
Concen: 198.327 ug/l
RT: 13.396 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Tgt Ion:105 Resp:13620454
Ion Ratio Lower Upper
105 100
134 35.4 9.8 29.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/16/2022
Supervised By :Mahesh Dadoda 03/17/2022



#89
n-Butylbenzene
Concen: 152.653 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072194.D
Acq: 15 Mar 2022 17:43

Tgt Ion: 91 Resp: 8222791
Ion Ratio Lower Upper
91 100
92 51.3 26.6 79.8
134 42.2 12.3 36.9

