

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
 Data File : VD072537.D
 Acq On : 05 Apr 2022 16:13
 Operator : VA/SY
 Sample : N2254-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-4-3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/06/2022
 Supervised By : Mahesh Dadoda 04/06/2022

Quant Time: Apr 06 01:13:49 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	585570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1063197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	797845	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	710880	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	309076	43.633	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.260%		
35) Dibromofluoromethane	7.908	113	327376	39.622	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	79.240%		
50) Toluene-d8	10.338	98	4990384	173.754	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	347.500%#		
62) 4-Bromofluorobenzene	12.620	95	1917179	170.920	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	341.840%#		
Target Compounds						Qvalue
17) Carbon Disulfide	4.414	76	7943	4.273	ug/l	98
31) Cyclohexane	7.979	56	4082385	440.752	ug/l	93
39) Methylcyclohexane	9.338	83	35697796m	2738.866	ug/l	
65) Chlorobenzene	11.667	112	145056	8.132	ug/l #	87
73) Isopropylbenzene	12.473	105	3929777	68.450	ug/l	99
78) n-propylbenzene	12.814	91	4802321	69.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	552196	11.230	ug/l	98
83) tert-Butylbenzene	13.214	119	453580	10.656	ug/l	84
84) 1,2,4-Trimethylbenzene	13.261	105	998045	20.757	ug/l	97
85) sec-Butylbenzene	13.390	105	3369396	52.550	ug/l #	72
86) p-Isopropyltoluene	13.508	119	108737m	2.075	ug/l	
89) n-Butylbenzene	13.832	91	1988989	39.839	ug/l #	81

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

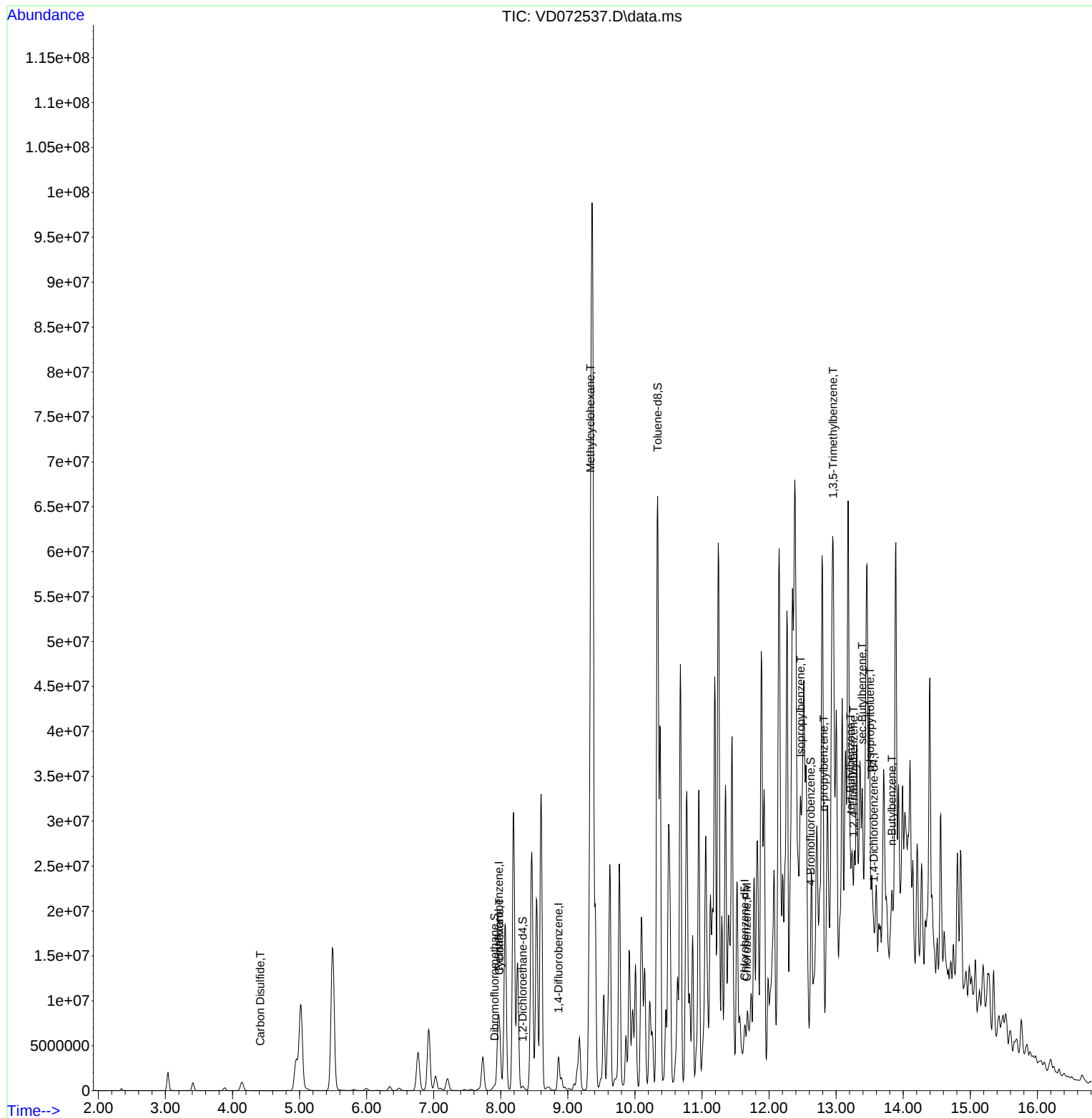
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040522\
Data File : VD072537.D
Acq On : 05 Apr 2022 16:13
Operator : VA/SY
Sample : N2254-05
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

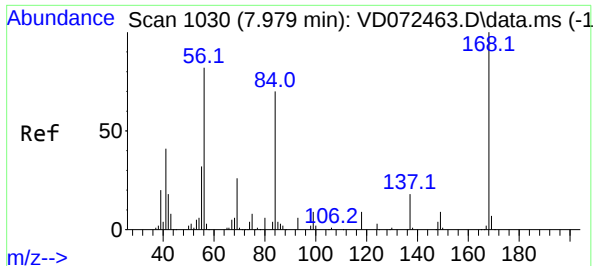
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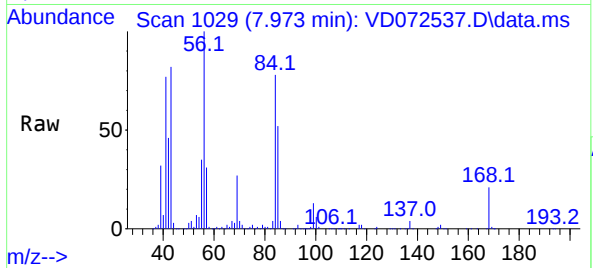
Quant Time: Apr 06 01:13:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

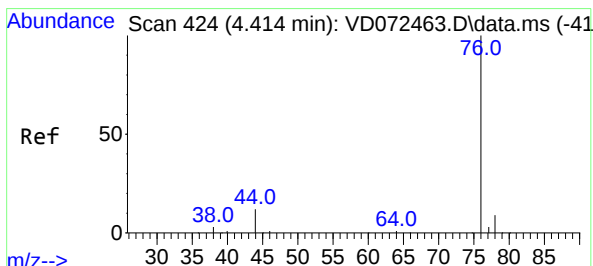
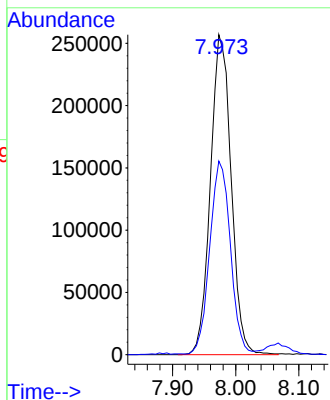
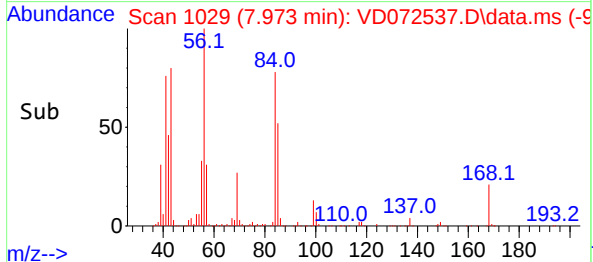
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-3



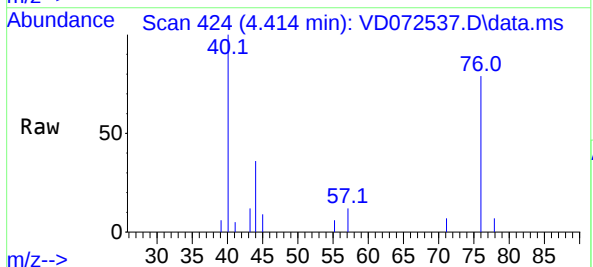
Tgt Ion:168 Resp: 585570
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6

Manual Integrations
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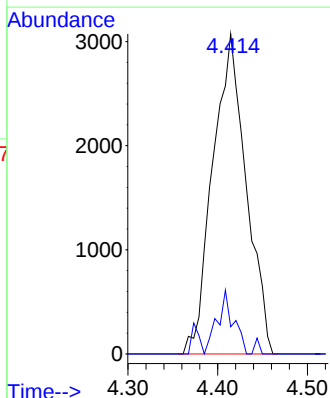
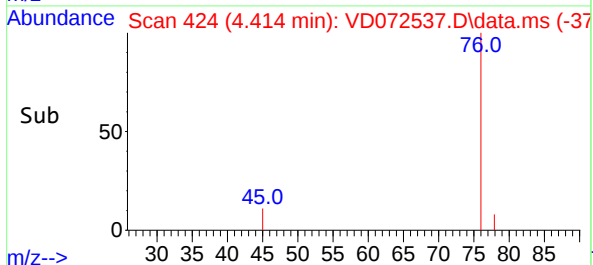
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

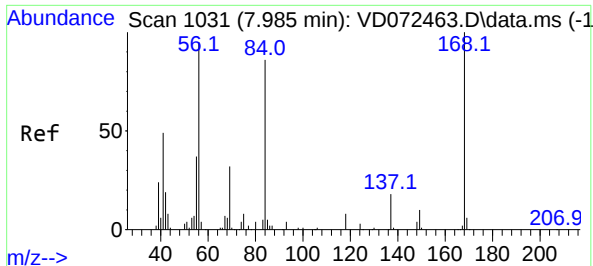


#17
Carbon Disulfide
Concen: 4.273 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13



Tgt Ion: 76 Resp: 7943
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3





#31

Cyclohexane

Concen: 440.752 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072537.D

Acq: 05 Apr 2022 16:13

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-4-3

Tgt Ion: 56 Resp: 408238

Ion Ratio Lower Upper

56 100

69 28.0 25.4 38.2

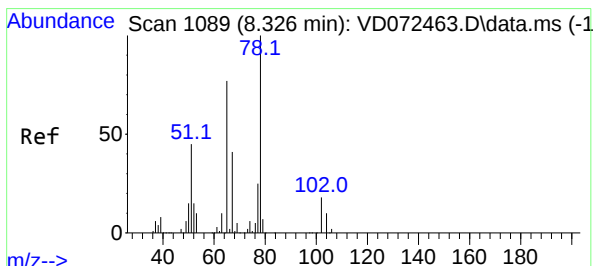
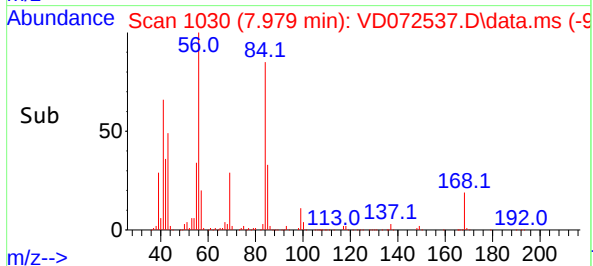
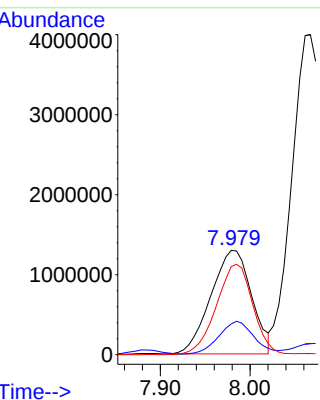
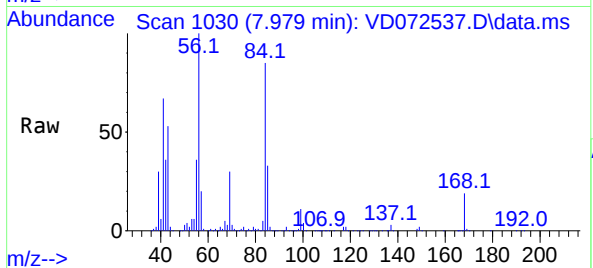
84 85.0 63.0 94.4

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 43.633 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072537.D

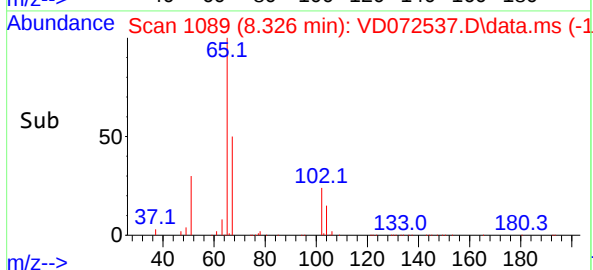
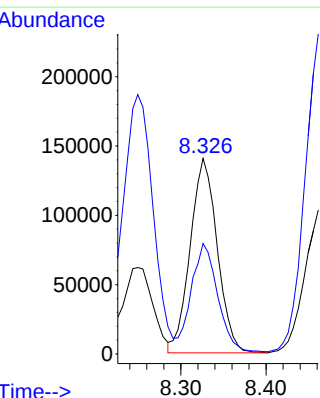
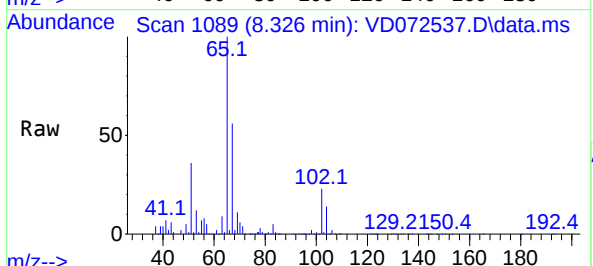
Acq: 05 Apr 2022 16:13

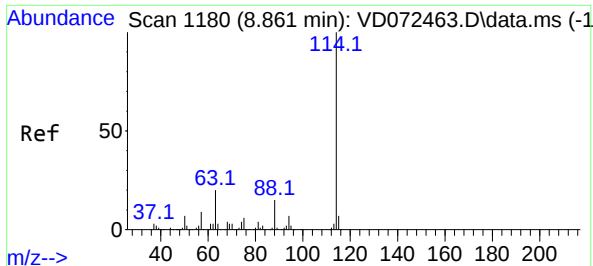
Tgt Ion: 65 Resp: 309076

Ion Ratio Lower Upper

65 100

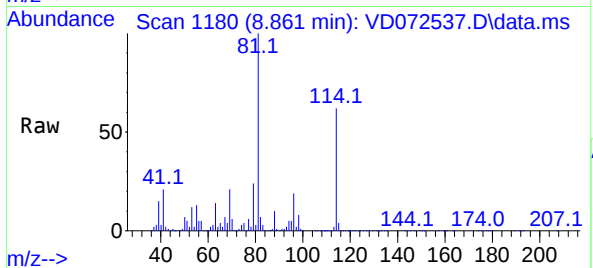
67 54.2 0.0 101.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

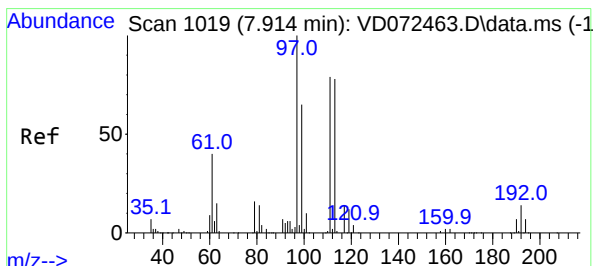
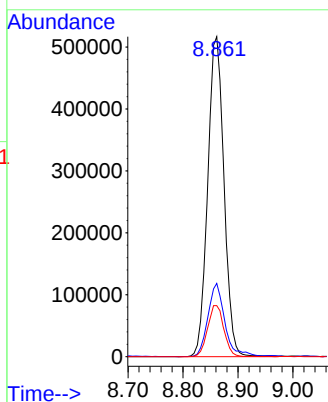
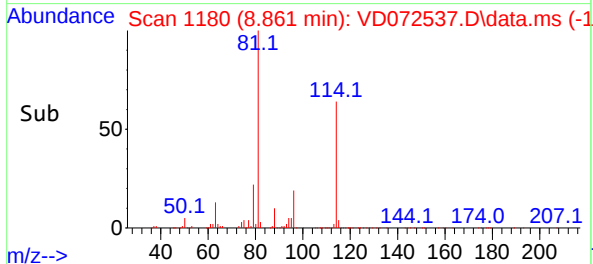
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-3



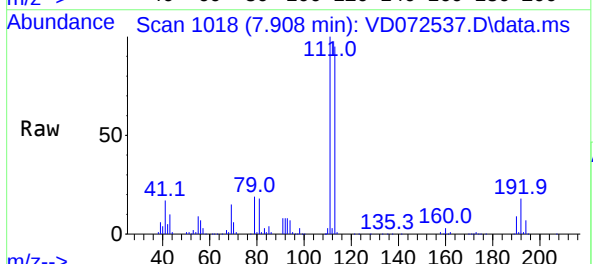
Tgt Ion:114 Resp: 106319
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.6
88 15.9 0.0 33.2

Manual Integrations
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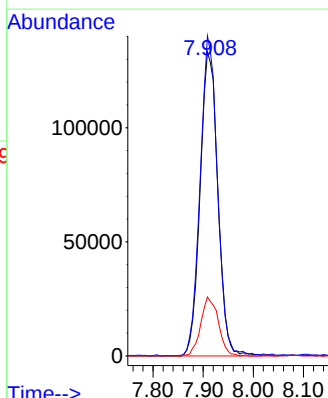
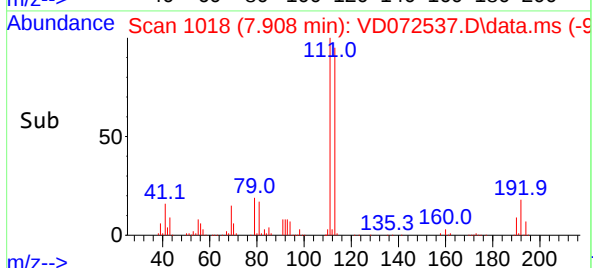
Reviewed By :John Carlone 04/06/2022
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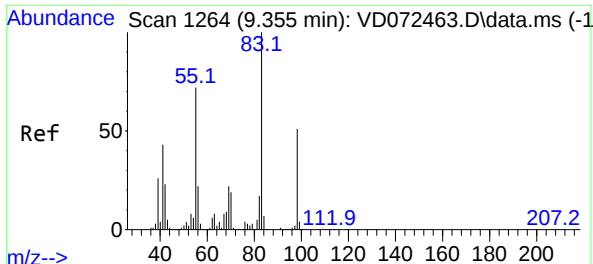


#35
Dibromofluoromethane
Concen: 39.622 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13



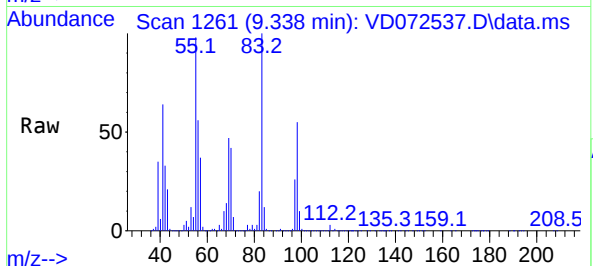
Tgt Ion:113 Resp: 327376
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 19.2 14.6 21.8





#39
Methylcyclohexane
Concen: 2738.866 ug/l m
RT: 9.338 min Scan# 1261
Delta R.T. -0.017 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

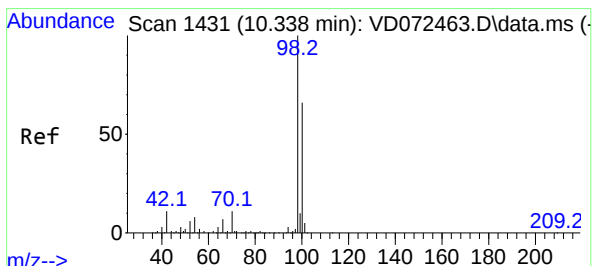
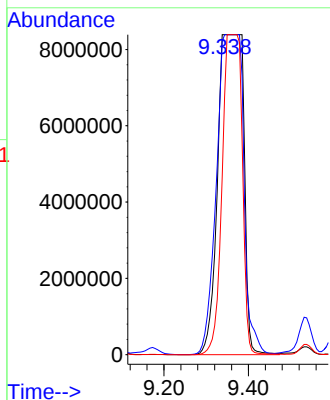
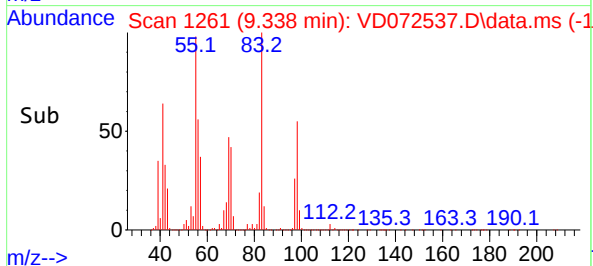
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-3



Tgt Ion: 83 Resp: 35697790
Ion Ratio Lower Upper
83 100
55 97.8 63.2 94.8
98 55.4 38.2 57.4

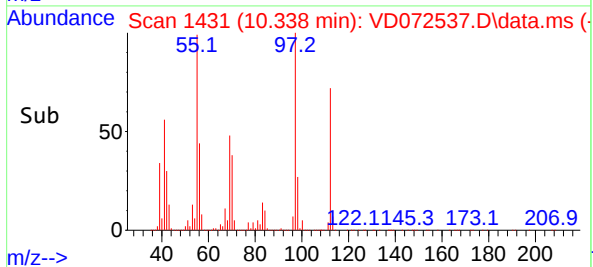
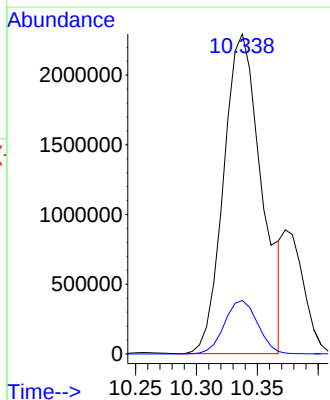
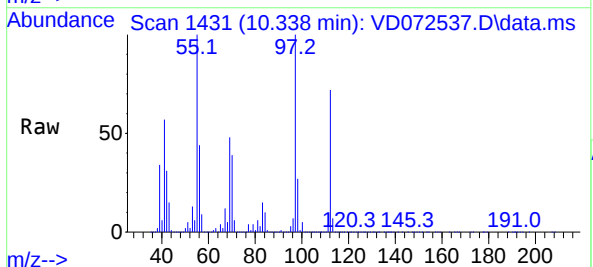
Manual Integrations
APPROVED

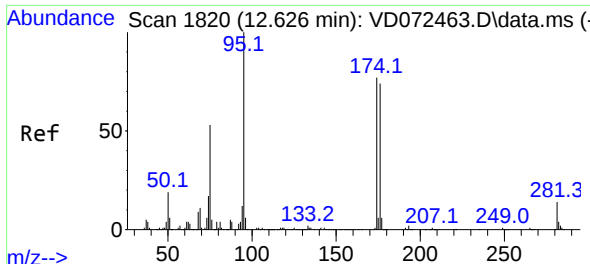
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#50
Toluene-d8
Concen: 173.754 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

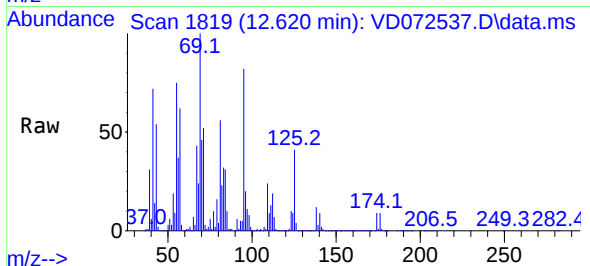
Tgt Ion: 98 Resp: 4990384
Ion Ratio Lower Upper
98 100
100 14.7 52.4 78.6





#62
4-Bromofluorobenzene
Concen: 170.920 ug/l
RT: 12.620 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

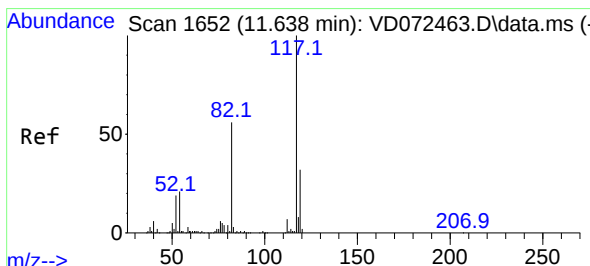
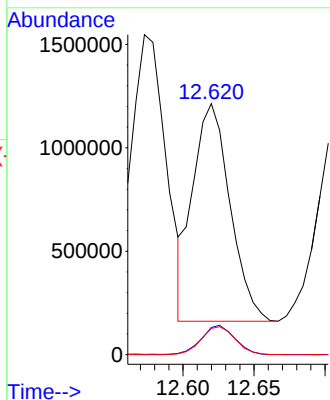
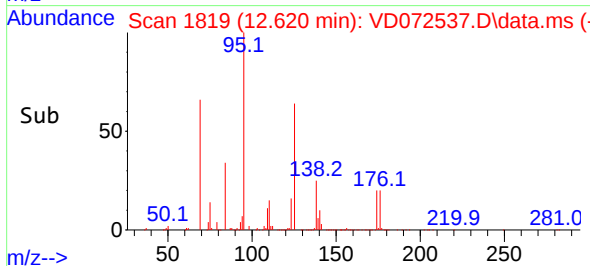
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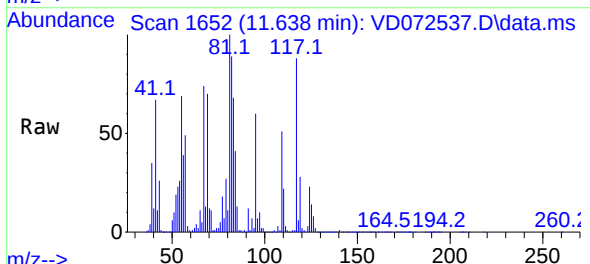
Tgt Ion: 95 Resp: 1917179
Ion Ratio Lower Upper
95 100
174 12.1 0.0 152.8
176 11.8 0.0 145.4

Manual Integrations
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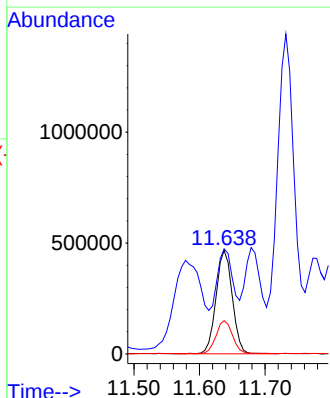
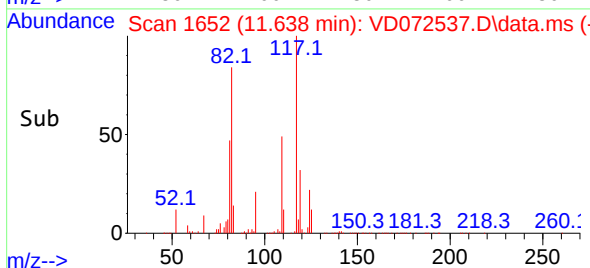
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

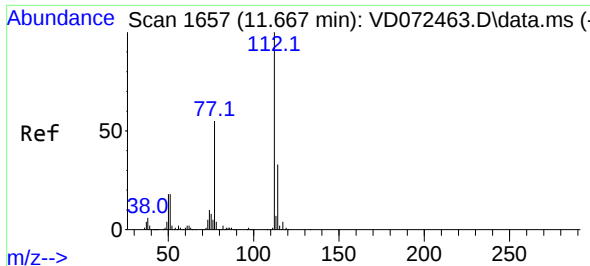


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13



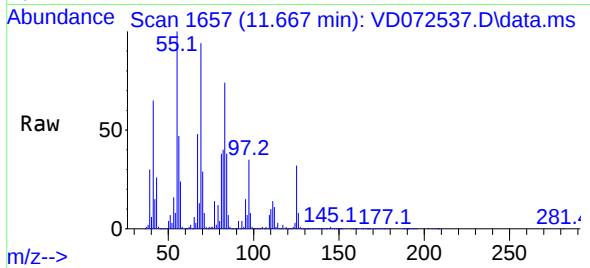
Tgt Ion:117 Resp: 797845
Ion Ratio Lower Upper
117 100
82 28.3 45.3 67.9#
119 31.9 26.6 40.0





#65
Chlorobenzene
Concen: 8.132 ug/l
RT: 11.667 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

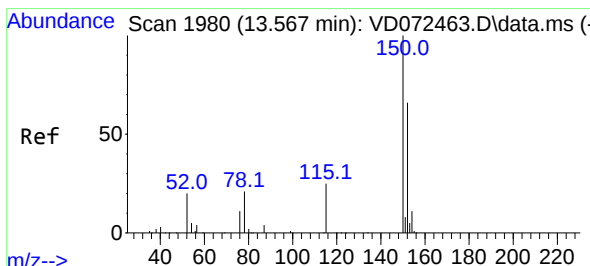
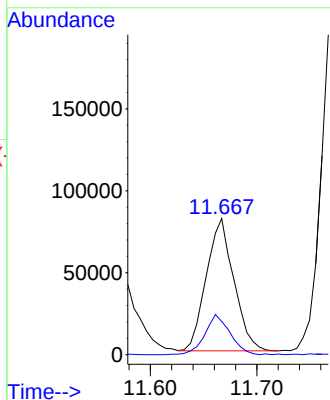
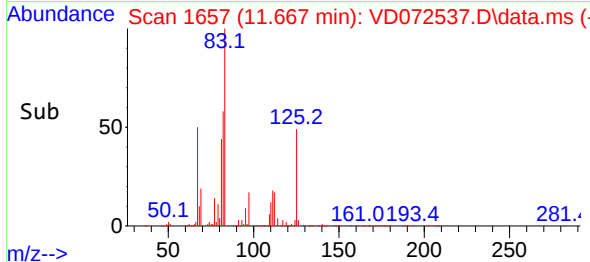
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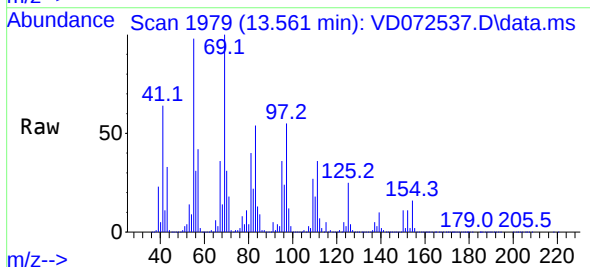
Tgt Ion:112 Resp: 145050
Ion Ratio Lower Upper
112 100
114 24.8 25.8 38.6

Manual Integrations
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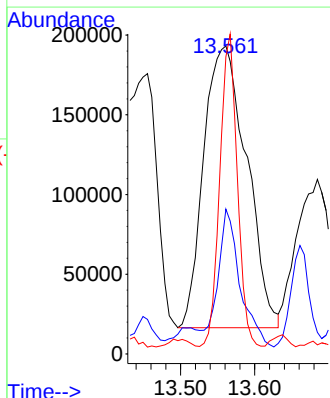
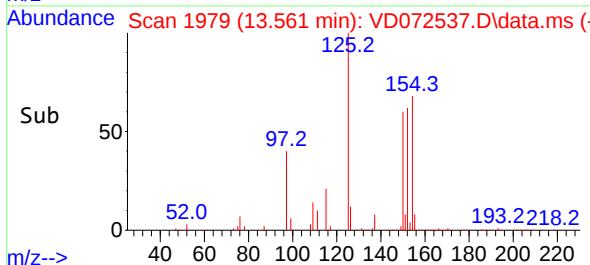
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

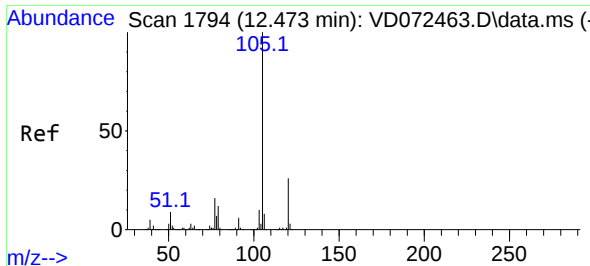


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13



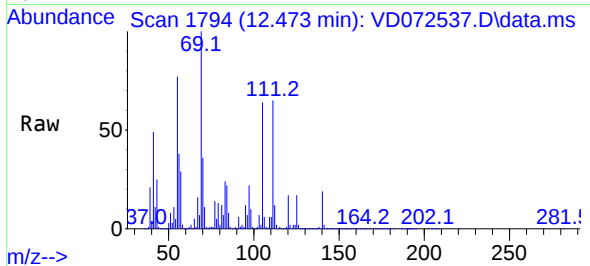
Tgt Ion:152 Resp: 710880
Ion Ratio Lower Upper
152 100
115 25.5 31.3 93.8#
150 45.6 0.0 348.6





#73
Isopropylbenzene
Concen: 68.450 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

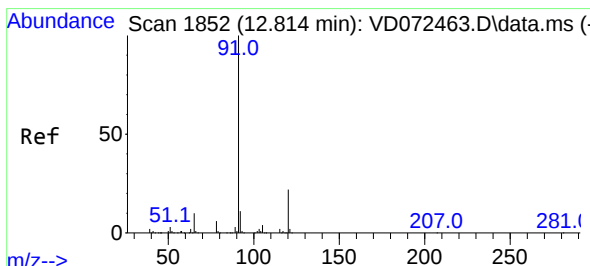
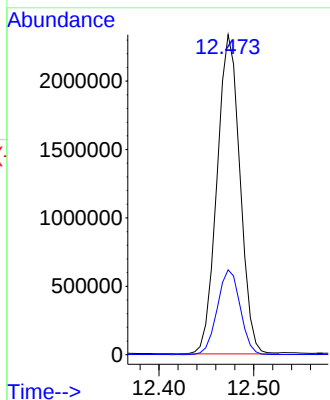
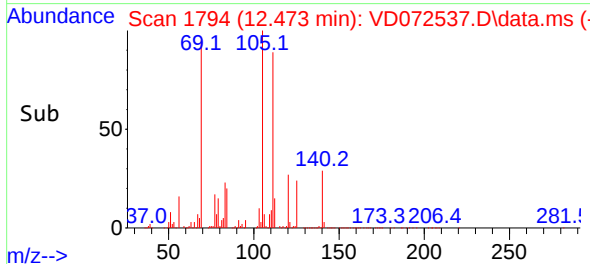
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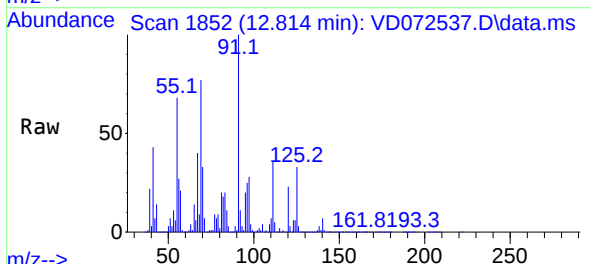
Tgt Ion:105 Resp: 392977
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

Manual Integrations
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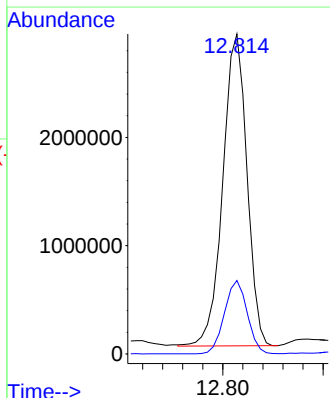
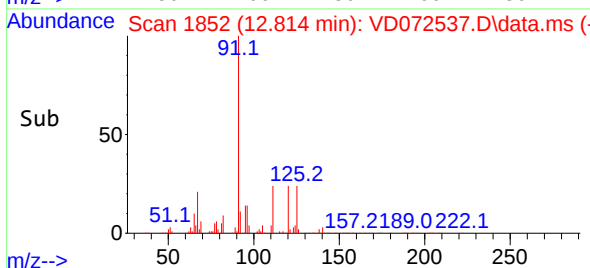
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

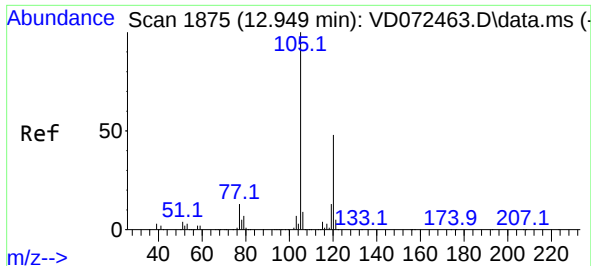


#78
n-propylbenzene
Concen: 69.338 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13



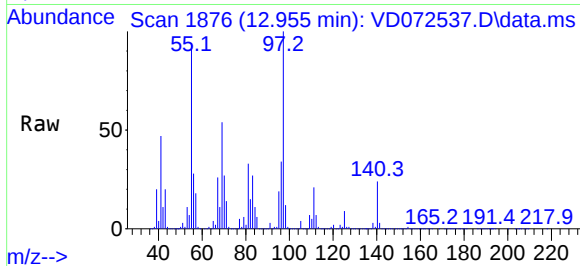
Tgt Ion: 91 Resp: 4802321
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9





#80
1,3,5-Trimethylbenzene
Concen: 11.230 ug/l
RT: 12.955 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

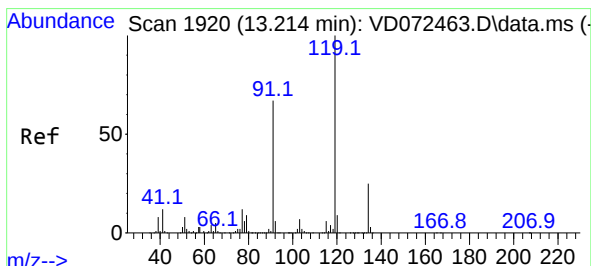
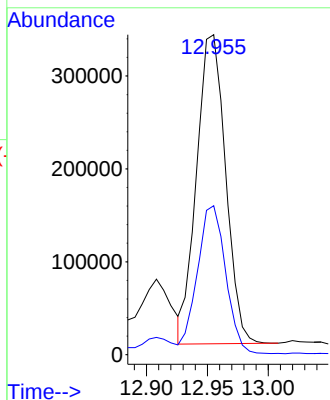
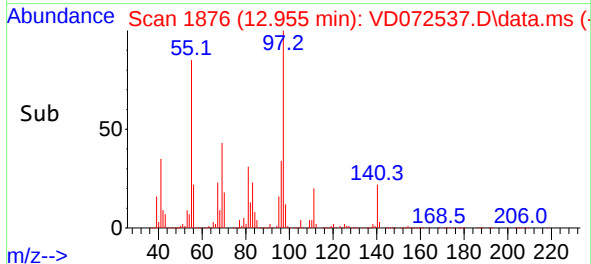
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-3



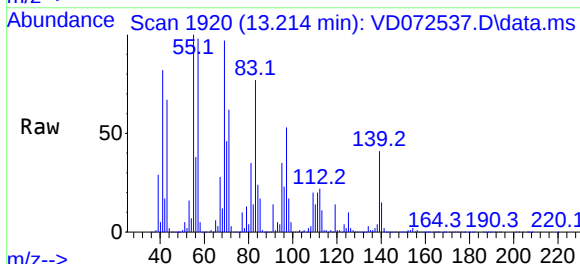
Tgt Ion:105 Resp: 552190
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.8

Manual Integrations
APPROVED

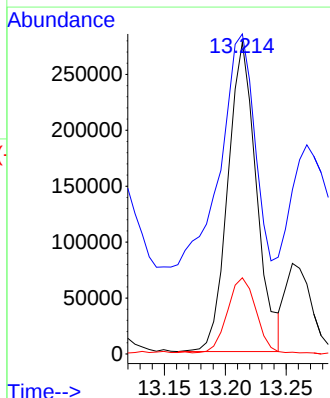
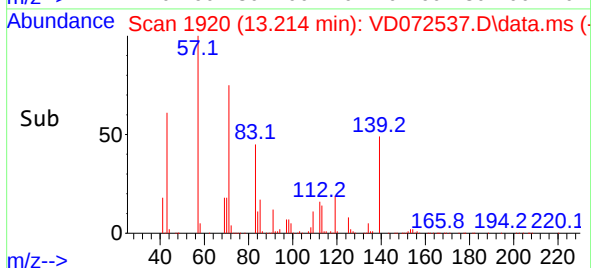
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

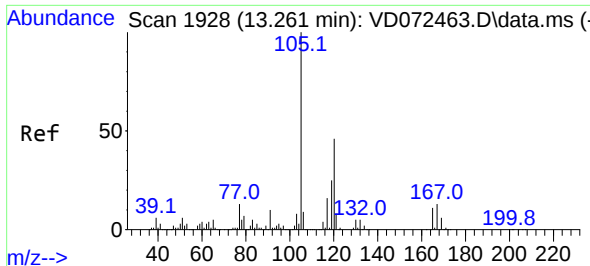


#83
tert-Butylbenzene
Concen: 10.656 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13



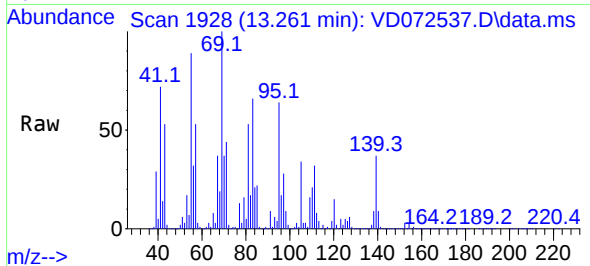
Tgt Ion:119 Resp: 453580
Ion Ratio Lower Upper
119 100
91 86.6 34.8 104.5
134 25.3 13.3 39.9





#84
1,2,4-Trimethylbenzene
Concen: 20.757 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

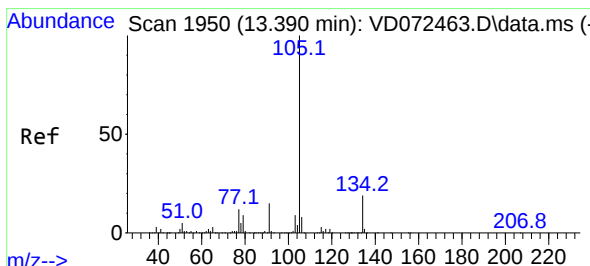
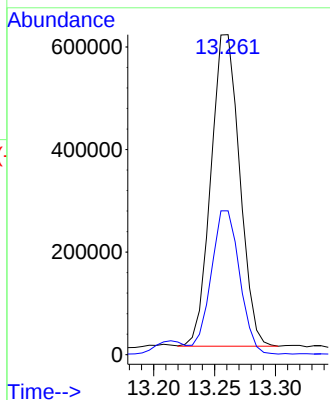
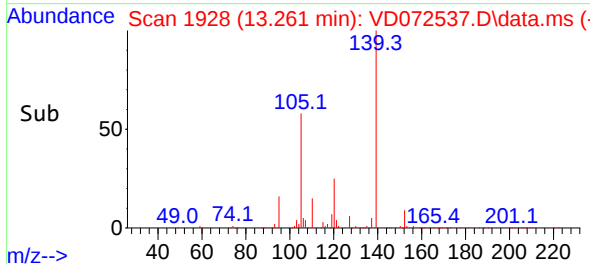
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-3



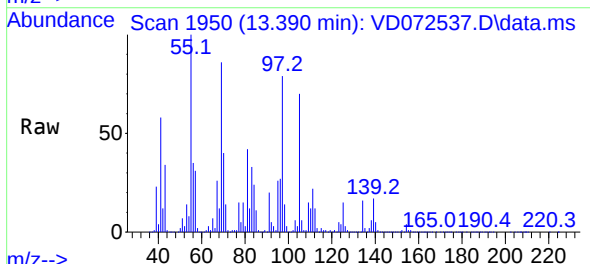
Tgt Ion:105 Resp: 998049
Ion Ratio Lower Upper
105 100
120 46.3 22.3 66.8

Manual Integrations
APPROVED

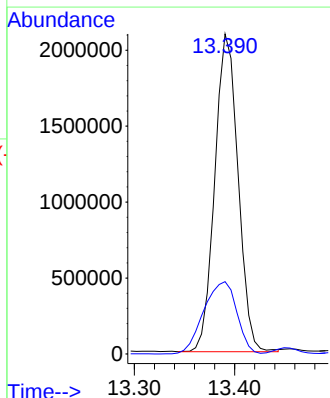
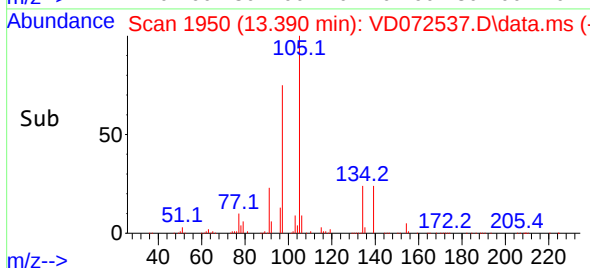
Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022

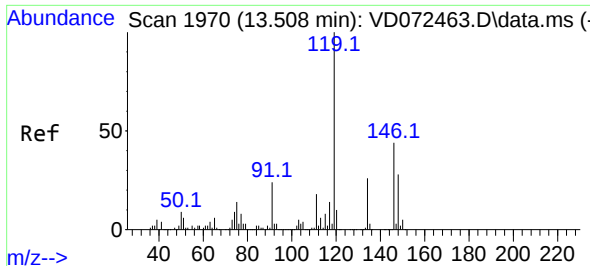


#85
sec-Butylbenzene
Concen: 52.550 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13



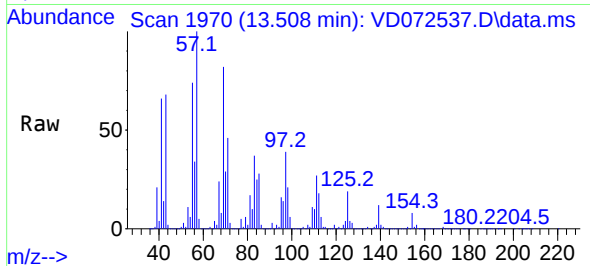
Tgt Ion:105 Resp: 3369396
Ion Ratio Lower Upper
105 100
134 32.3 9.8 29.3#





#86
p-Isopropyltoluene
Concen: 2.075 ug/l m
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13

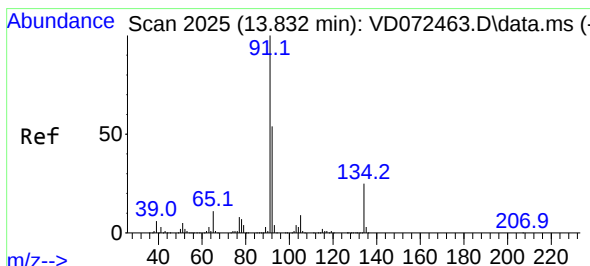
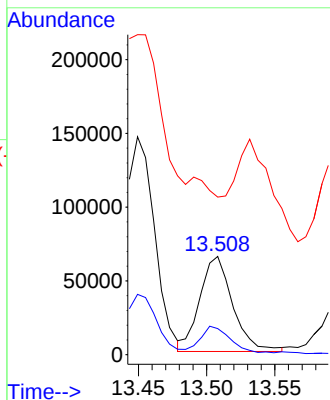
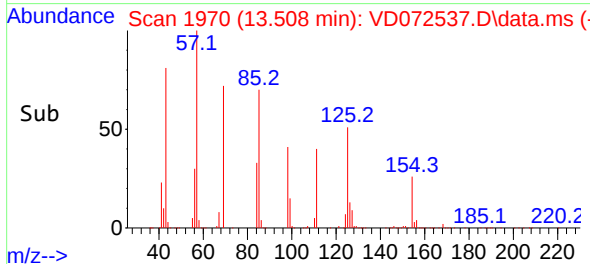
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-4-3



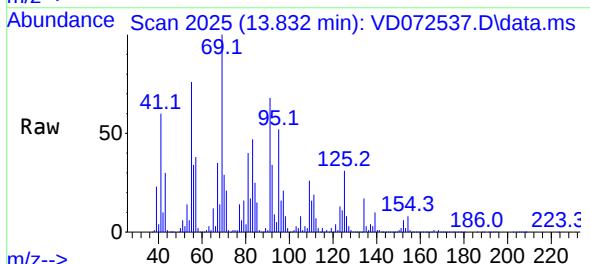
Tgt Ion: 119 Resp: 10873
Ion Ratio Lower Upper
119 100
134 301.4 12.9 38.6
91 393.1 12.1 36.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/06/2022
Supervised By :Mahesh Dadoda 04/06/2022



#89
n-Butylbenzene
Concen: 39.839 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072537.D
Acq: 05 Apr 2022 16:13



Tgt Ion: 91 Resp: 1988989
Ion Ratio Lower Upper
91 100
92 49.6 26.6 79.8
134 0.0 12.3 36.9

