

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071222\
 Data File : VD073833.D
 Acq On : 12 Jul 2022 12:29
 Operator : VA/SY
 Sample : N3644-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-070822

Quant Time: Jul 13 04:30:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 12 07:04:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 07/13/2022

Supervised By :Mahesh
 Dado
 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	101248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	223283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	201490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	82448	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.320	65	79823	58.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.720%	
35) Dibromofluoromethane	7.902	113	74530	50.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.332	98	275211	53.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.620	95	94863	43.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 86.940%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	4377	7.622	ug/l	99
6) Chloroethane	2.926	64	2397	3.277	ug/l	99
7) Trichlorofluoromethane	3.267	101	5539	3.849	ug/l #	81
9) 1,1,2-Trichlorotrifluo...	4.085	101	3502	3.944	ug/l #	82
12) 1,1-Dichloroethene	4.067	96	2430	3.570	ug/l #	86
30) Chloroform	7.697	83	3726	1.693	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	5233	2.845	ug/l	95
36) 1,1-Dichloropropene	8.108	75	4389	2.937	ug/l	97
38) Carbon Tetrachloride	8.097	117	4391	2.573	ug/l	87
39) Methylcyclohexane	9.338	83	5348	3.457	ug/l #	70
40) Benzene	8.338	78	8081	1.816	ug/l #	88
44) Trichloroethene	9.108	130	2471	2.128	ug/l	82
45) 1,2-Dichloropropane	9.367	63	1904	1.446	ug/l	95
47) Bromodichloromethane	9.661	83	2509	1.238	ug/l #	81
52) Toluene	10.402	92	5177	1.733	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	2340	1.137	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.932	63	1283	2.469	ug/l #	72
59) 2-Hexanone	10.973	43	1810	2.773	ug/l	92
64) Tetrachloroethene	10.873	164	2111	2.433	ug/l	90
65) Chlorobenzene	11.661	112	4829	1.450	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	1624	1.228	ug/l #	57
67) Ethyl Benzene	11.738	91	11769	1.894	ug/l	99
68) m/p-Xylenes	11.843	106	7825	3.433	ug/l	97
69) o-Xylene	12.167	106	3511	1.554	ug/l	97
70) Styrene	12.185	104	4663	1.192	ug/l	92
73) Isopropylbenzene	12.467	105	11869	2.106	ug/l	97
77) Bromobenzene	12.743	156	1527	1.293	ug/l	95
78) n-propylbenzene	12.808	91	16391	2.303	ug/l	94
79) 2-Chlorotoluene	12.896	91	7447	1.819	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	8793	1.872	ug/l	90
82) 4-Chlorotoluene	12.990	91	6789	1.586	ug/l	93
83) tert-Butylbenzene	13.208	119	9104	2.199	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	10890	2.311	ug/l	97
85) sec-Butylbenzene	13.385	105	14893	2.314	ug/l	98
86) p-Isopropyltoluene	13.502	119	10653	2.056	ug/l	96
87) 1,3-Dichlorobenzene	13.496	146	3197	1.260	ug/l	84

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Quant Title : SW846 8260
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Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
OR-03-070822

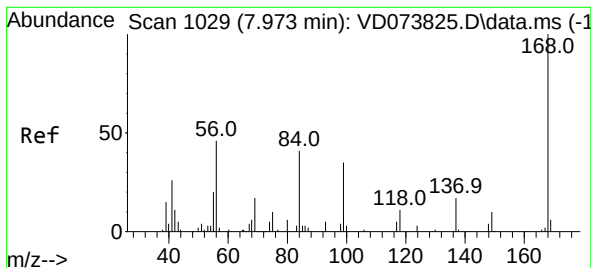
Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/13/2022

Supervised By :Mahesh
Daddar
07/13/2022

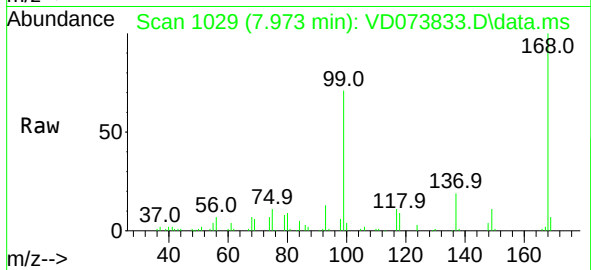
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.585	146	3368m	1.355	ug/l	
89) n-Butylbenzene	13.826	91	12365	2.378	ug/l	93
90) Hexachloroethane	14.096	117	2407	2.399	ug/l	93
91) 1,2-Dichlorobenzene	13.873	146	2411	1.079	ug/l	91
94) Hexachlorobutadiene	15.249	225	1363	2.249	ug/l	86

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

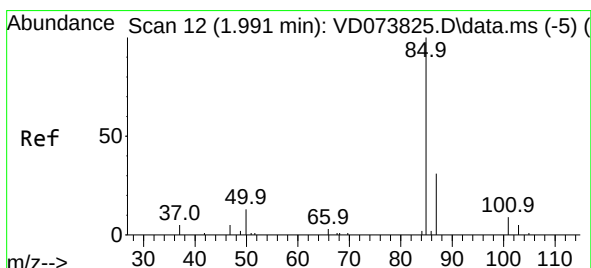
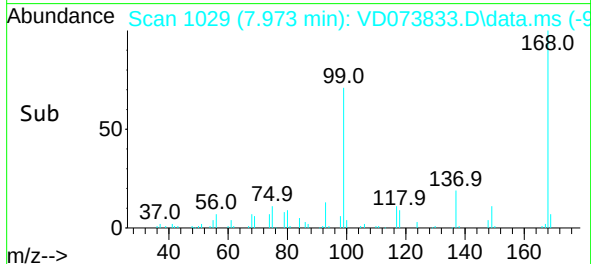
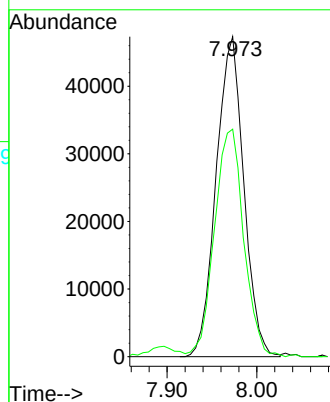


Tgt Ion:168 Resp: 101248
Ion Ratio Lower Upper
168 100
99 70.5 53.8 80.6

Manual Integrations
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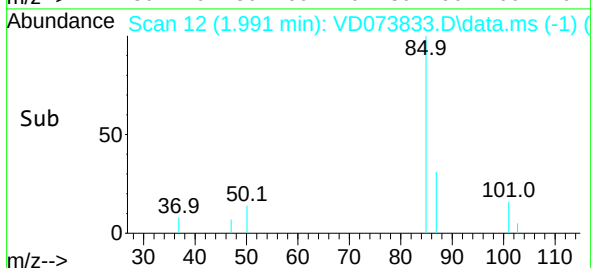
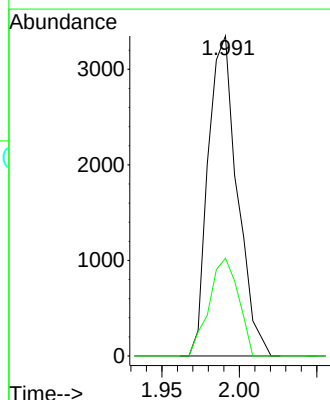
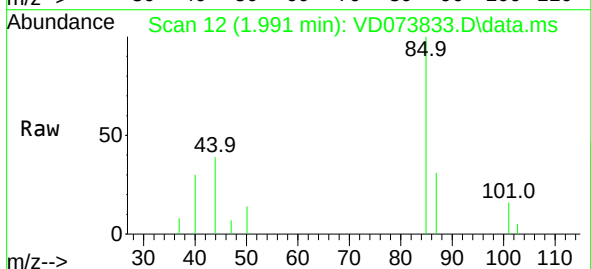
Reviewed By :John
Carlone
07/13/2022

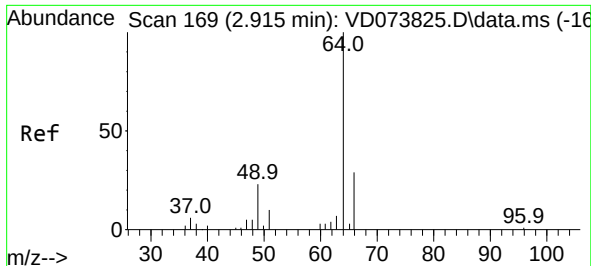
Supervised By :Mahesh
Dadda
07/13/2022



#2
Dichlorodifluoromethane
Concen: 7.622 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

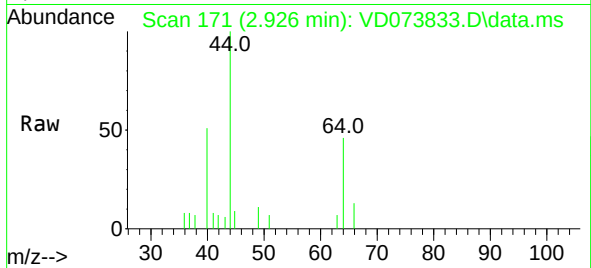
Tgt Ion: 85 Resp: 4377
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.7





#6
Chloroethane
Concen: 3.277 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.011 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

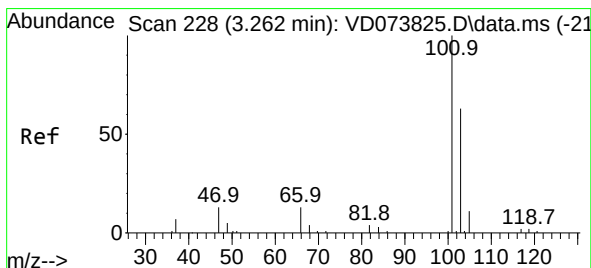
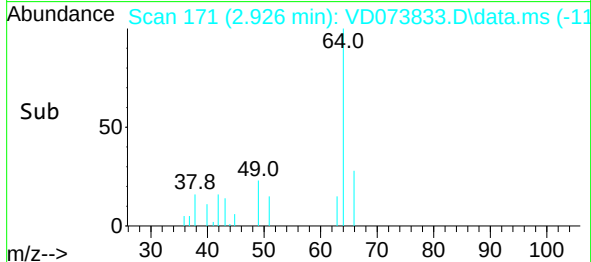
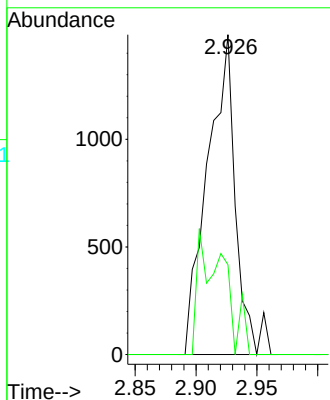


Tgt Ion: 64 Resp: 239
Ion Ratio Lower Upper
64 100
66 28.1 23.0 34.6

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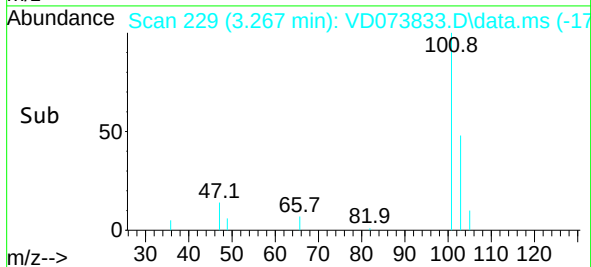
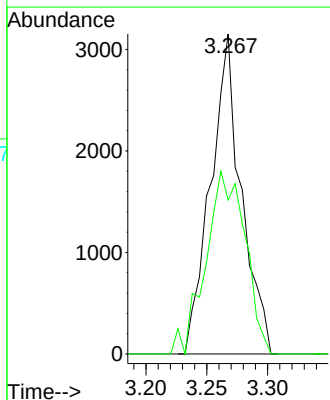
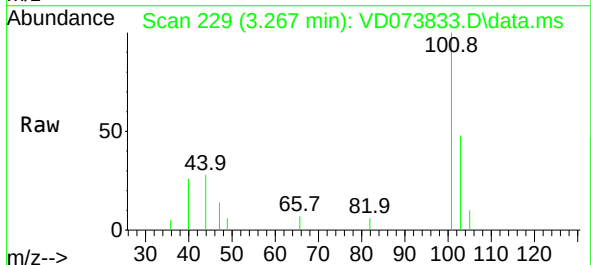
Reviewed By :John
Carlone
07/13/2022

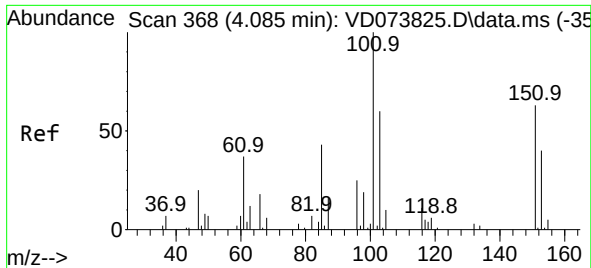
Supervised By :Mahesh
Dadgar
07/13/2022



#7
Trichlorofluoromethane
Concen: 3.849 ug/l
RT: 3.267 min Scan# 229
Delta R.T. 0.005 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Tgt Ion:101 Resp: 5539
Ion Ratio Lower Upper
101 100
103 48.1 50.3 75.5#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.944 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

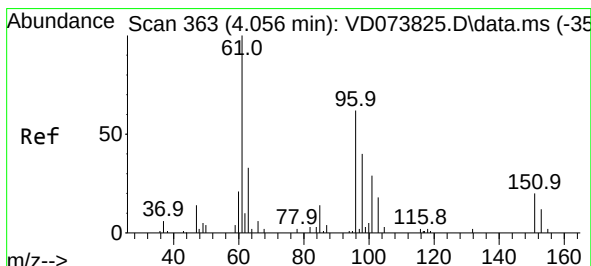
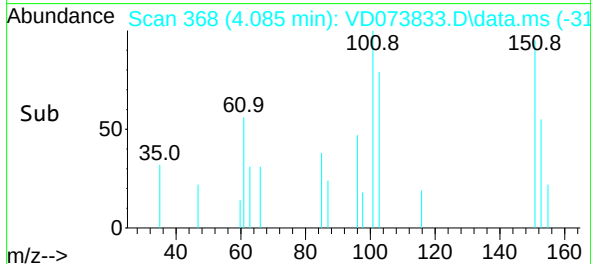
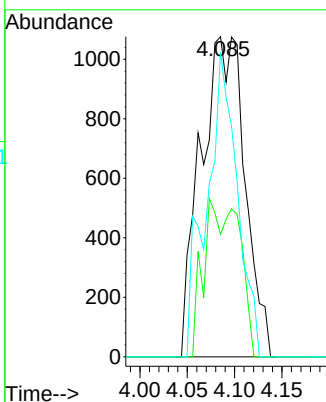
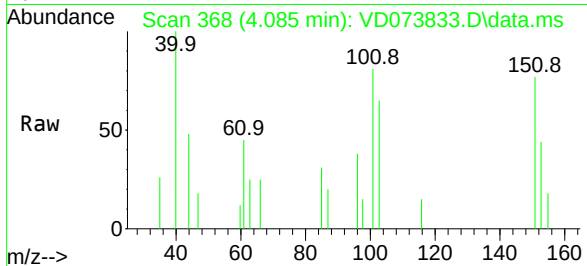
Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

Tgt Ion: 101 Resp: 350
Ion Ratio Lower Upper
101 100
85 20.0 38.6 57.8
151 66.0 53.6 80.4

Manual Integrations
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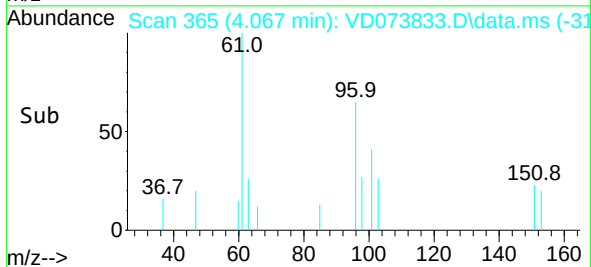
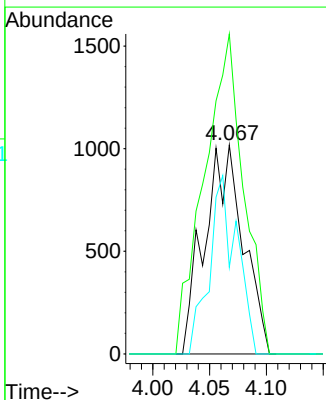
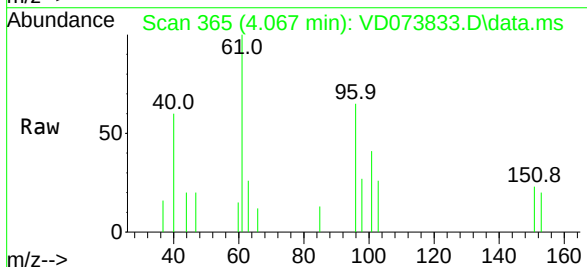
Reviewed By : John
Carlone
07/13/2022

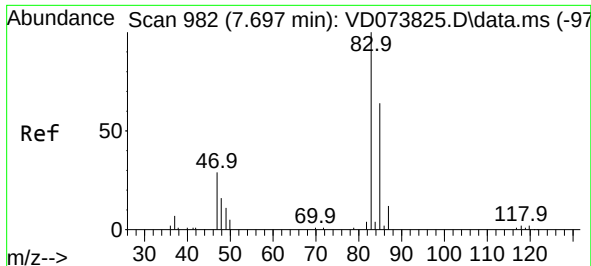
Supervised By : Mahesh
Dadda
07/13/2022



#12
1,1-Dichloroethene
Concen: 3.570 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.011 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

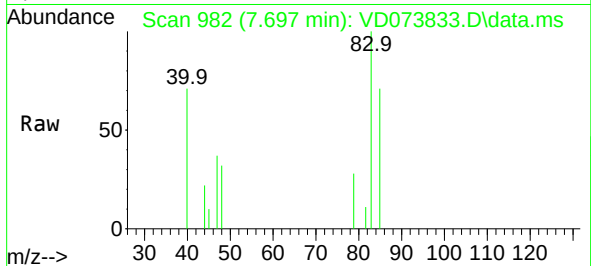
Tgt Ion: 96 Resp: 2430
Ion Ratio Lower Upper
96 100
61 153.1 130.1 195.1
98 41.5 52.1 78.1





#30
Chloroform
Concen: 1.693 ug/l
RT: 7.697 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

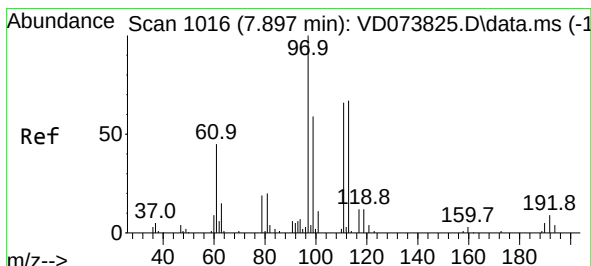
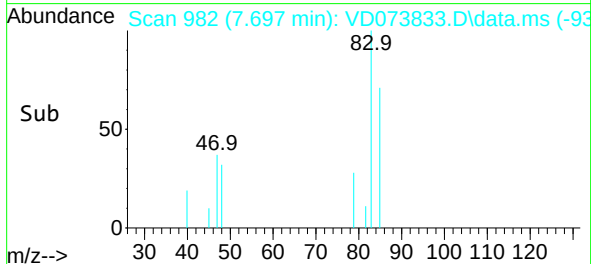
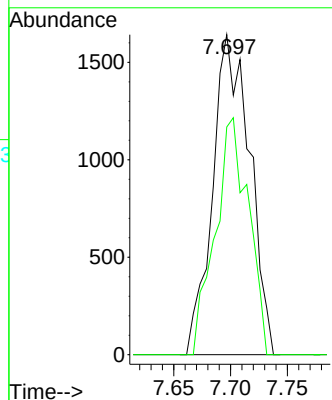


Tgt Ion: 83 Resp: 3720
Ion Ratio Lower Upper
83 100
85 71.1 51.2 76.8

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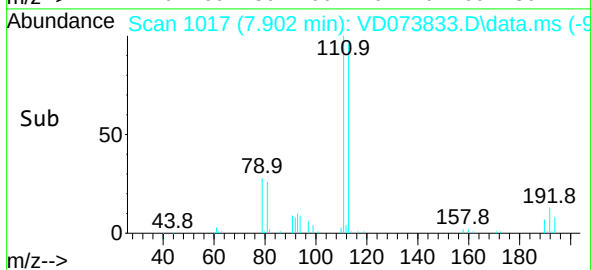
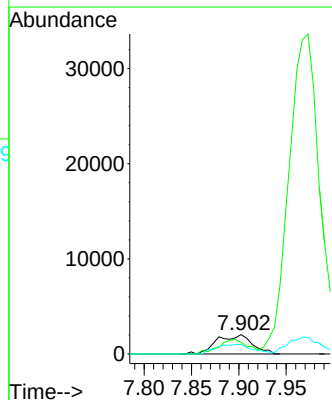
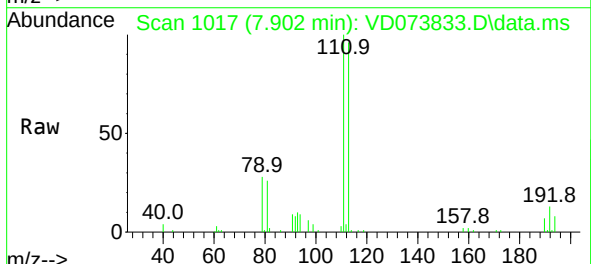
Reviewed By :John
Carlone
07/13/2022

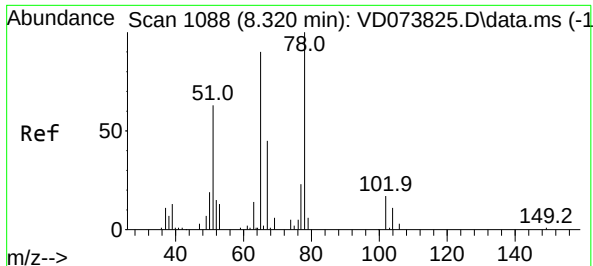
Supervised By :Mahesh
Daddala
07/13/2022



#32
1,1,1-Trichloroethane
Concen: 2.845 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Tgt Ion: 97 Resp: 5233
Ion Ratio Lower Upper
97 100
99 62.9 52.2 78.2
61 52.1 37.0 55.4





#33

1,2-Dichloroethane-d4

Concen: 58.860 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD073833.D

Acq: 12 Jul 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

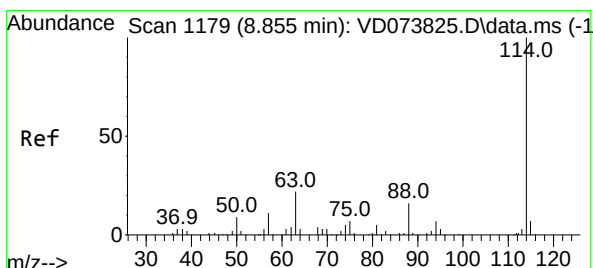
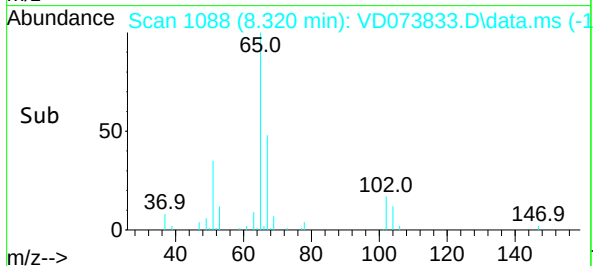
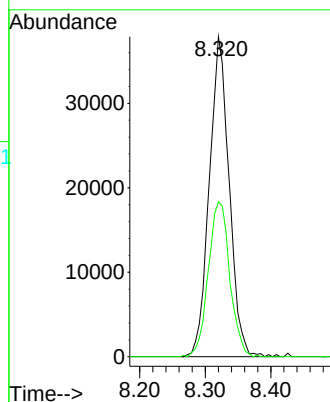
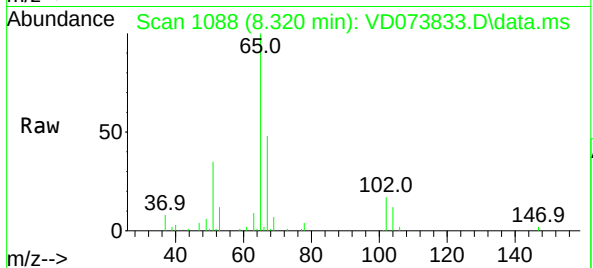
OR-03-070822

Tgt Ion: 65 Resp: 79823
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.0

Manual Integrations
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Reviewed By :John
 Carlone
 07/13/2022

Supervised By :Mahesh
 Dadda
 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

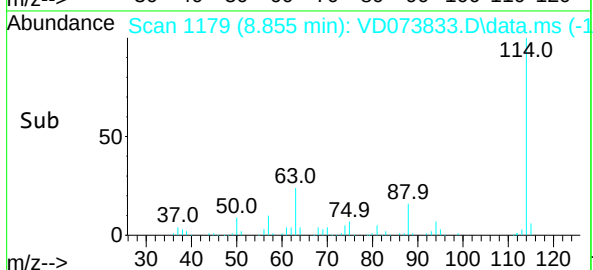
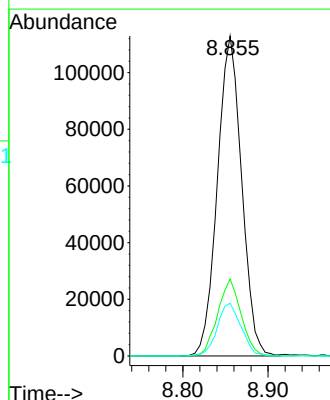
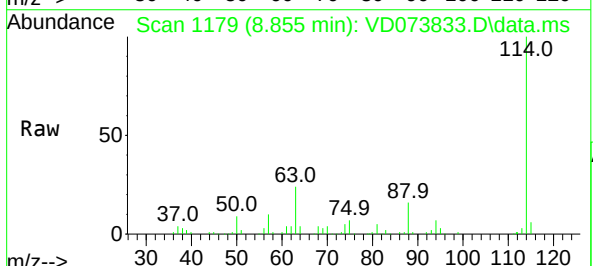
RT: 8.855 min Scan# 1179

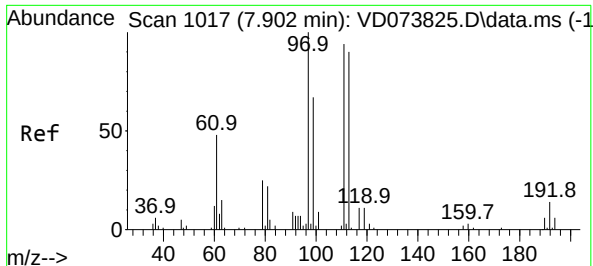
Delta R.T. 0.000 min

Lab File: VD073833.D

Acq: 12 Jul 2022 12:29

Tgt Ion:114 Resp: 223283
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 43.0
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.457 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD073833.D

Acq: 12 Jul 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

OR-03-070822

Tgt Ion:	113	Resp:	74530
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	15.3	12.3	18.5

Manual Integrations
APPROVED

Reviewed By :John

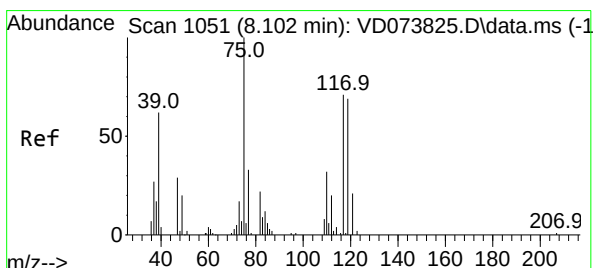
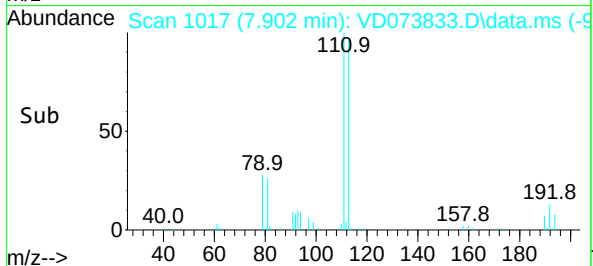
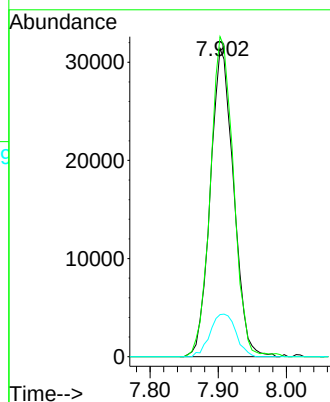
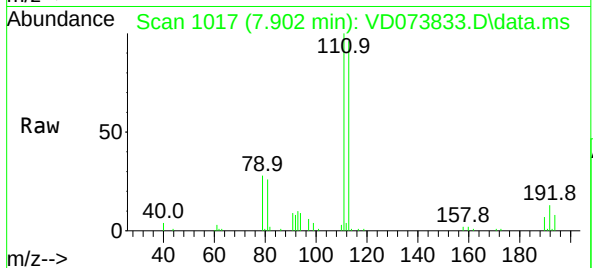
Carlone

07/13/2022

Supervised By :Mahesh

Dadda

07/13/2022



#36

1,1-Dichloropropene

Concen: 2.937 ug/l

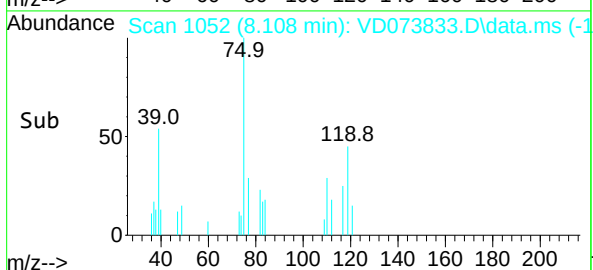
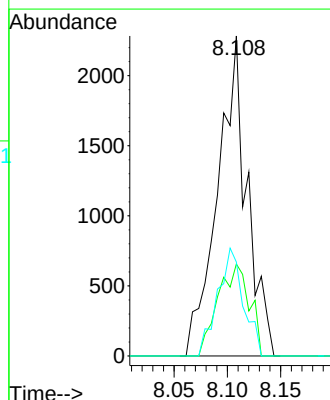
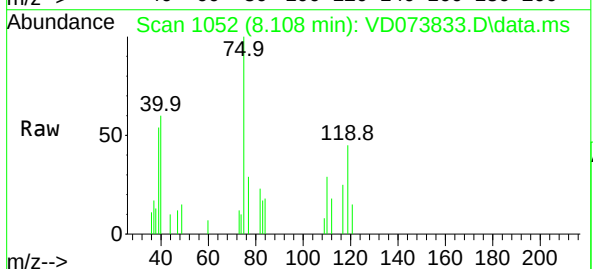
RT: 8.108 min Scan# 1052

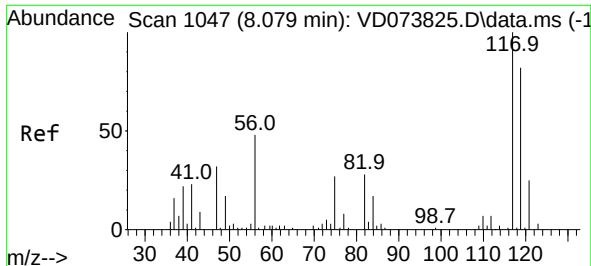
Delta R.T. 0.006 min

Lab File: VD073833.D

Acq: 12 Jul 2022 12:29

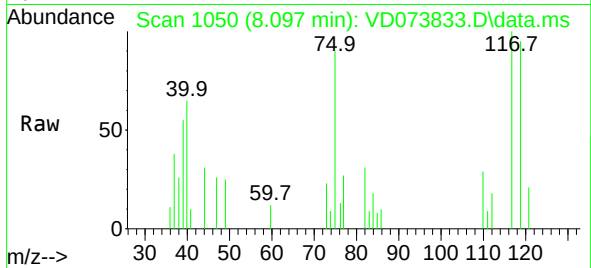
Tgt Ion:	75	Resp:	4389
Ion	Ratio	Lower	Upper
75	100		
110	30.7	16.0	47.9
77	29.5	25.3	37.9





#38
Carbon Tetrachloride
Concen: 2.573 ug/l
RT: 8.097 min Scan# 1047
Delta R.T. 0.018 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

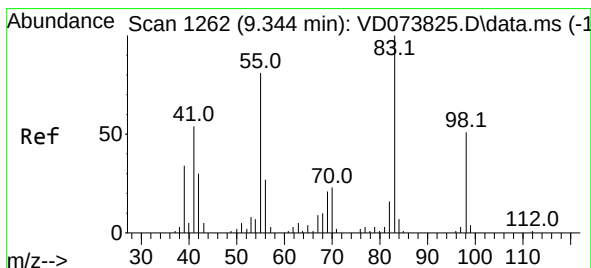
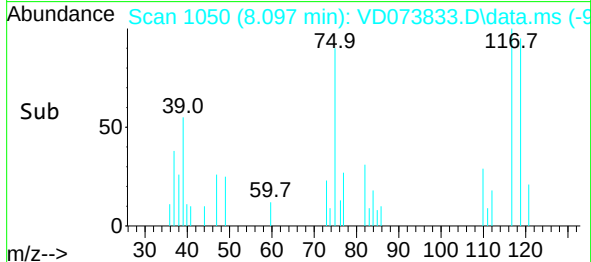
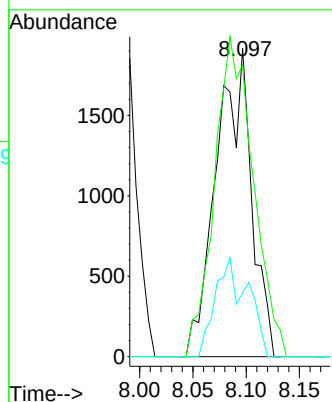


Tgt Ion: 117 Resp: 439
Ion Ratio Lower Upper
117 100
119 94.7 65.6 98.4
121 20.8 20.1 30.1

Manual Integrations
APPROVED

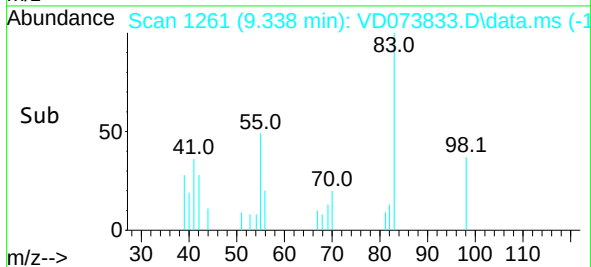
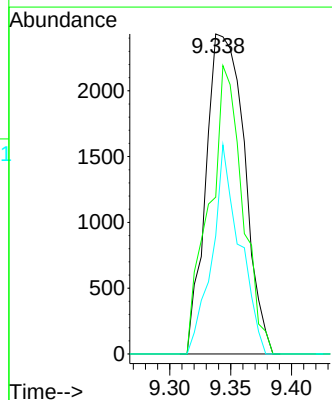
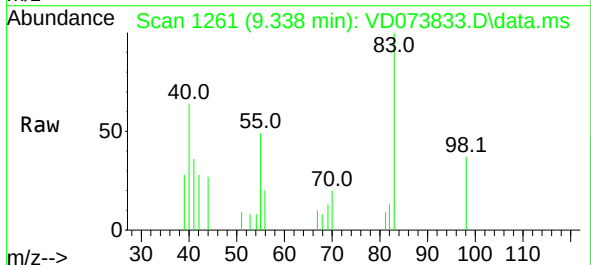
Reviewed By :John
Carlone
07/13/2022

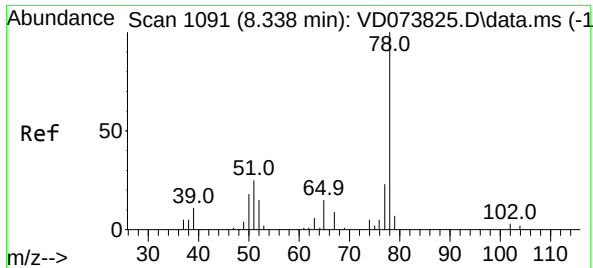
Supervised By :Mahesh
Dadda
07/13/2022



#39
Methylcyclohexane
Concen: 3.457 ug/l
RT: 9.338 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

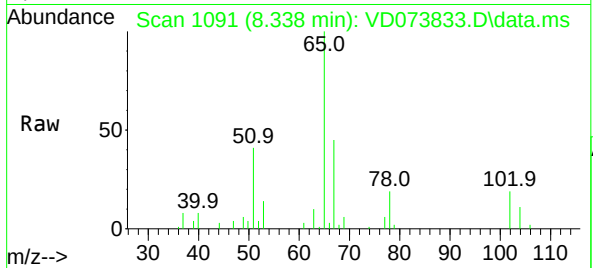
Tgt Ion: 83 Resp: 5348
Ion Ratio Lower Upper
83 100
55 49.0 64.8 97.2#
98 36.9 41.0 61.4#





#40
Benzene
Concen: 1.816 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

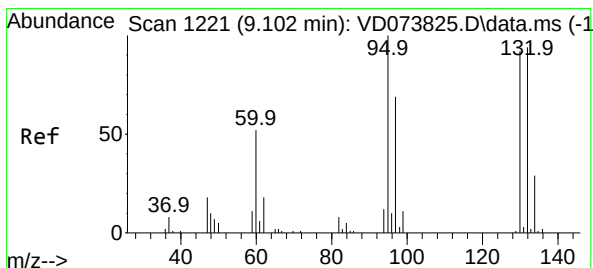
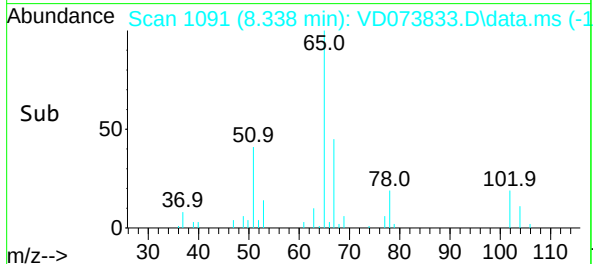
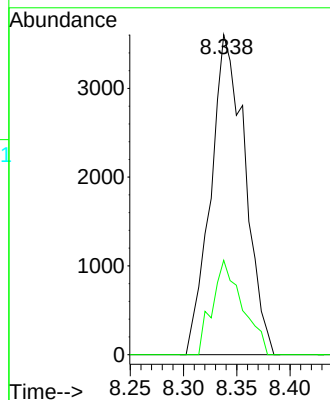


Tgt Ion: 78 Resp: 808
Ion Ratio Lower Upper
78 100
77 29.5 18.8 28.2

Manual Integrations
APPROVED

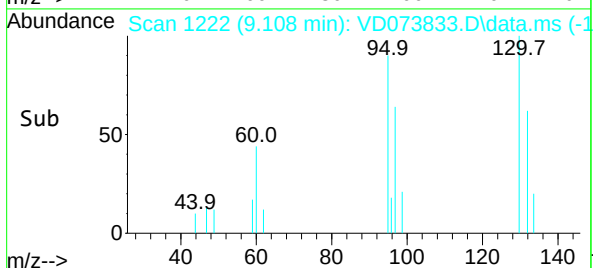
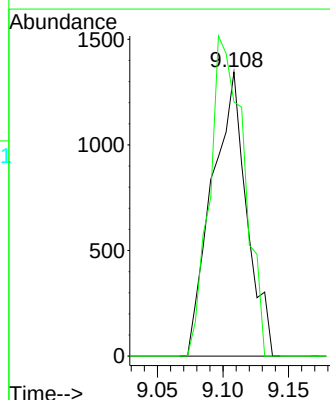
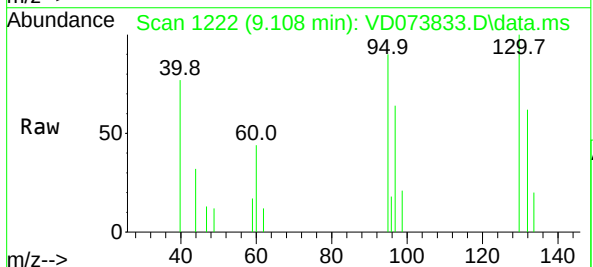
Reviewed By :John
Carlone
07/13/2022

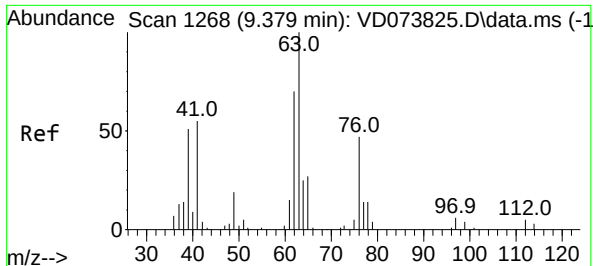
Supervised By :Mahesh
Daddar
07/13/2022



#44
Trichloroethene
Concen: 2.128 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Tgt Ion:130 Resp: 2471
Ion Ratio Lower Upper
130 100
95 89.5 0.0 217.0





#45

1,2-Dichloropropane

Concen: 1.446 ug/l

RT: 9.367 min Scan# 1316

Delta R.T. -0.012 min

Lab File: VD073833.D

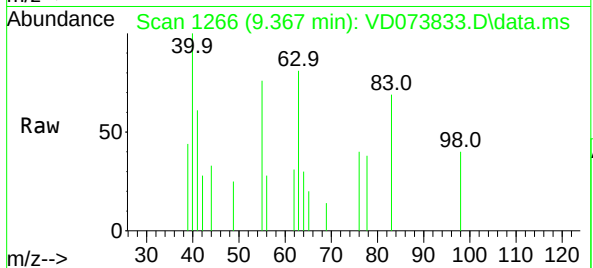
Acq: 12 Jul 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

OR-03-070822



Tgt Ion:	63	Resp:	1904
Ion Ratio	Lower	Upper	
63	100		
65	24.6	21.7	32.5

Manual Integrations
APPROVED

Reviewed By :John

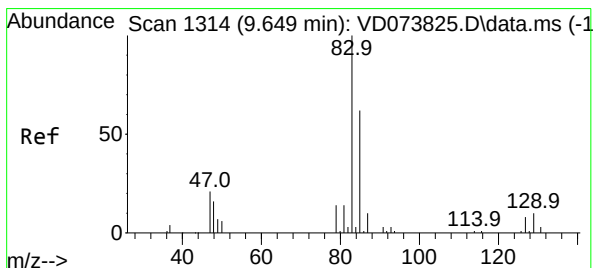
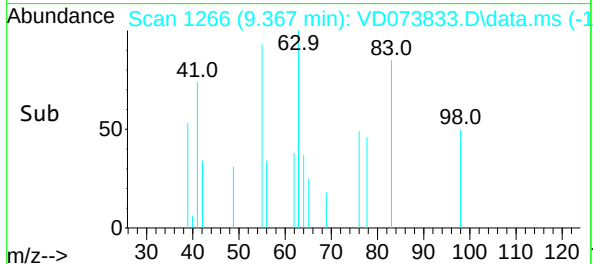
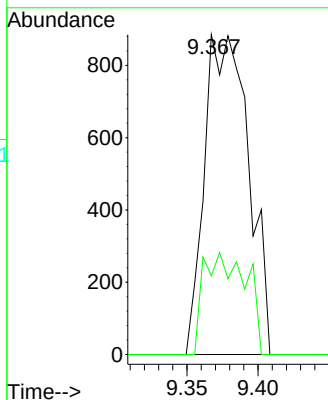
Carlone

07/13/2022

Supervised By :Mahesh

Daddala

07/13/2022



#47

Bromodichloromethane

Concen: 1.238 ug/l

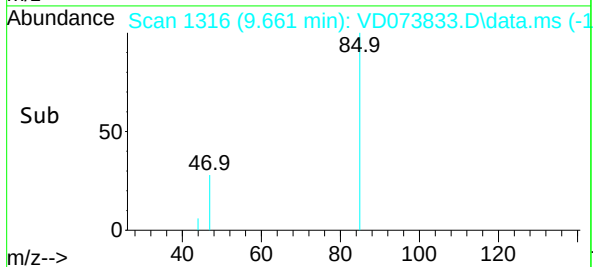
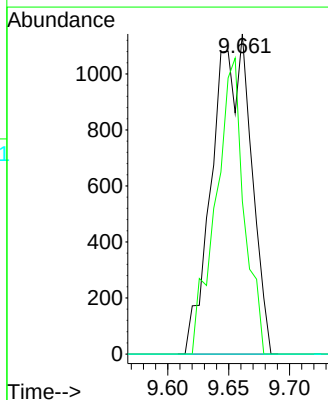
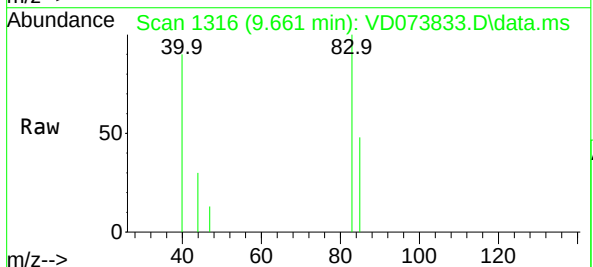
RT: 9.661 min Scan# 1316

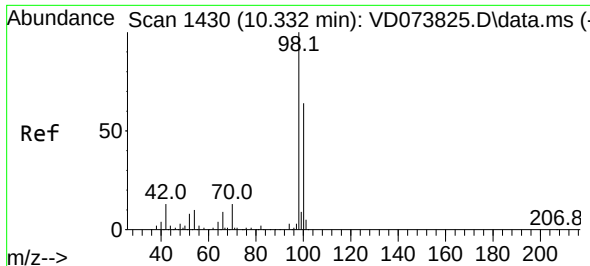
Delta R.T. 0.012 min

Lab File: VD073833.D

Acq: 12 Jul 2022 12:29

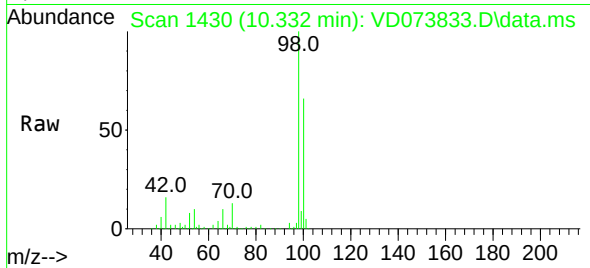
Tgt Ion:	83	Resp:	2509
Ion Ratio	Lower	Upper	
83	100		
85	47.8	50.0	75.0#
127	0.0	6.2	9.2#





#50
Toluene-d8
Concen: 53.433 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

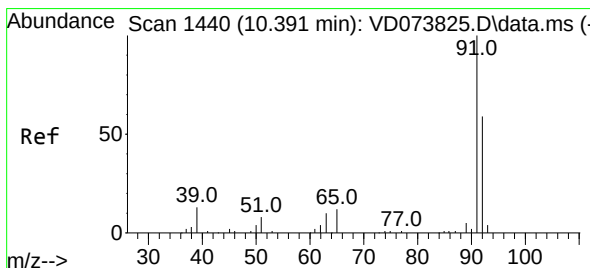
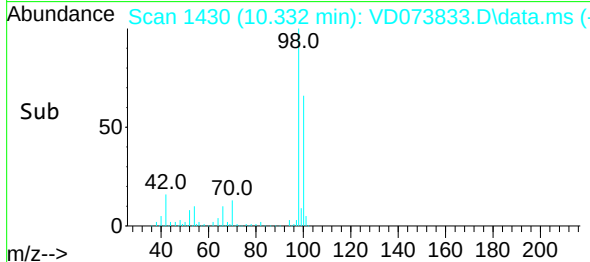
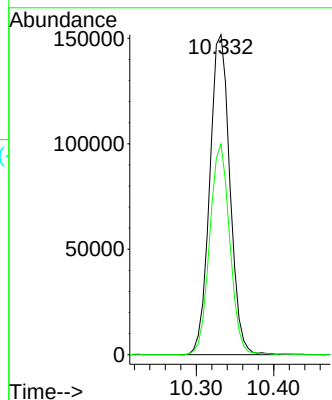


Tgt Ion: 98 Resp: 27521
Ion Ratio Lower Upper
98 100
100 65.3 52.9 79.3

Manual Integrations
APPROVED

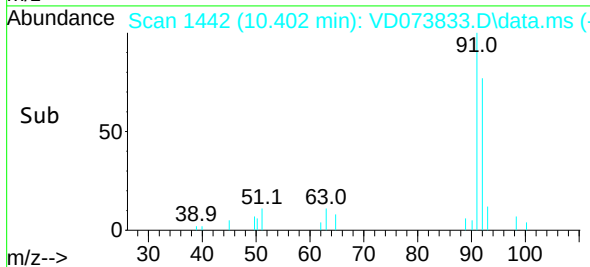
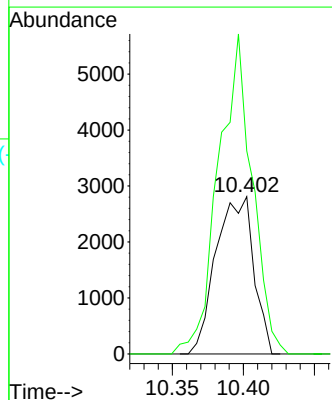
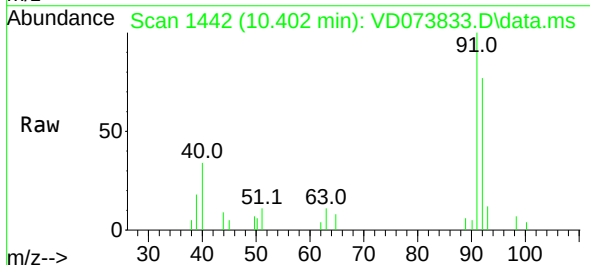
Reviewed By :John
Carlone
07/13/2022

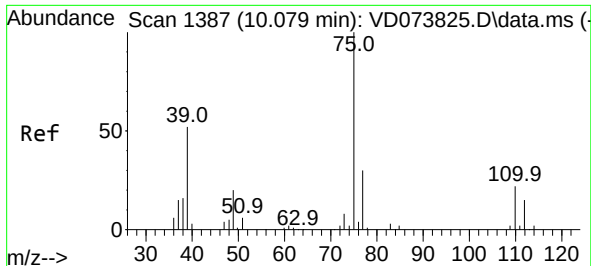
Supervised By :Mahesh
Daddar
07/13/2022



#52
Toluene
Concen: 1.733 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.012 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

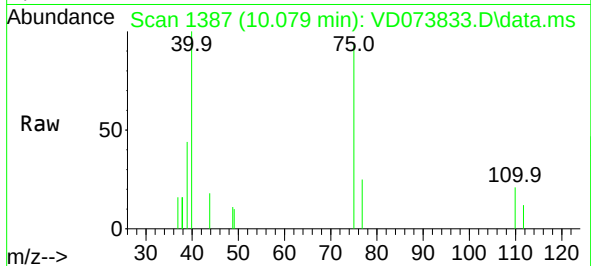
Tgt Ion: 92 Resp: 5177
Ion Ratio Lower Upper
92 100
91 182.1 138.4 207.6





#54
cis-1,3-Dichloropropene
Concen: 1.137 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument : MSVOA_D
Client Sample Id : OR-03-070822

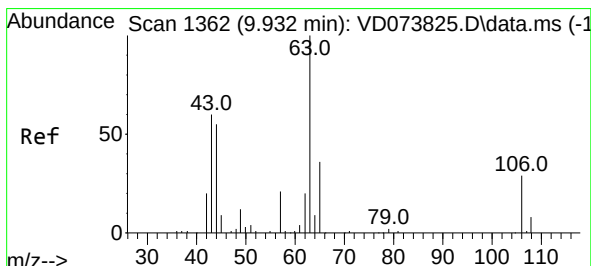
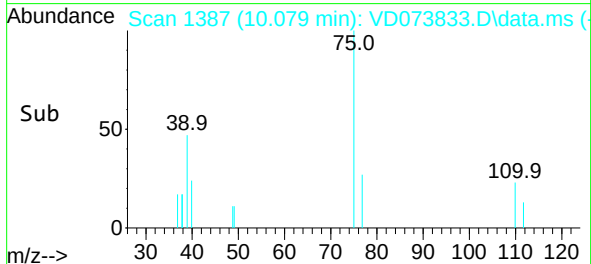
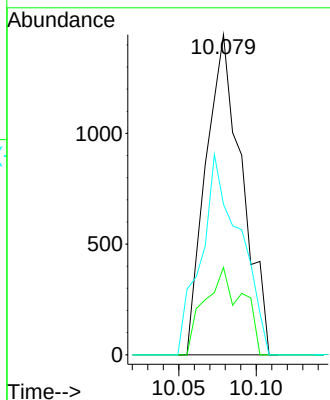


Tgt Ion: 75 Resp: 2340
Ion Ratio Lower Upper
75 100
77 27.2 24.2 36.4
39 47.0 41.4 62.2

Manual Integrations
APPROVED

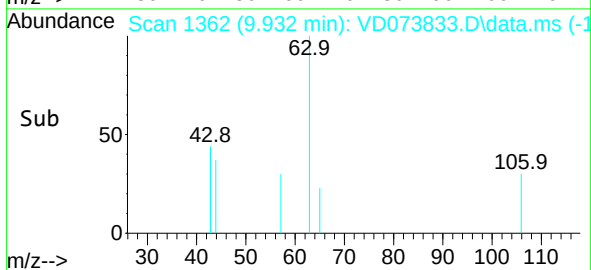
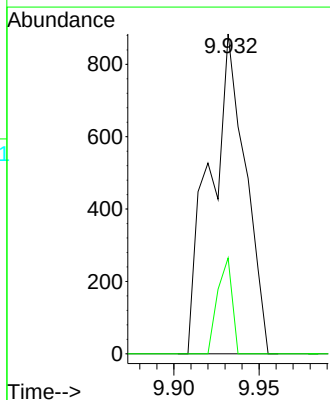
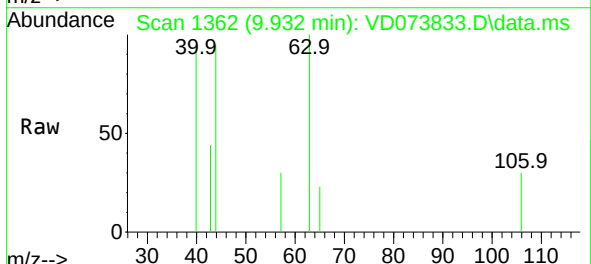
Reviewed By :John
Carlone
07/13/2022

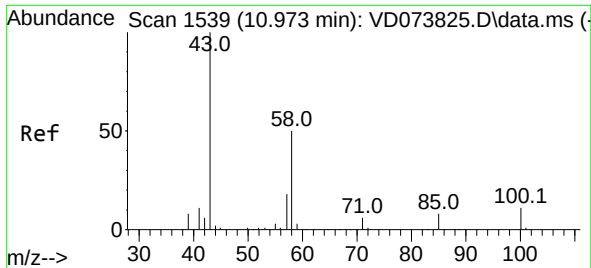
Supervised By :Mahesh
Dadda
07/13/2022



#58
2-Chloroethyl Vinyl ether
Concen: 2.469 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

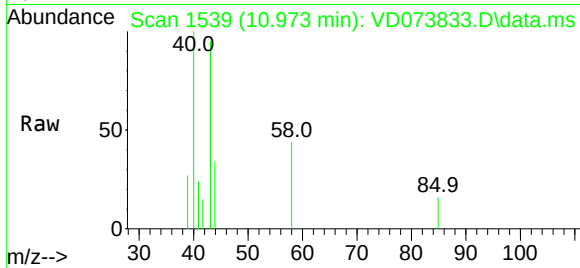
Tgt Ion: 63 Resp: 1283
Ion Ratio Lower Upper
63 100
106 12.2 21.3 31.9





#59
2-Hexanone
Concen: 2.773 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

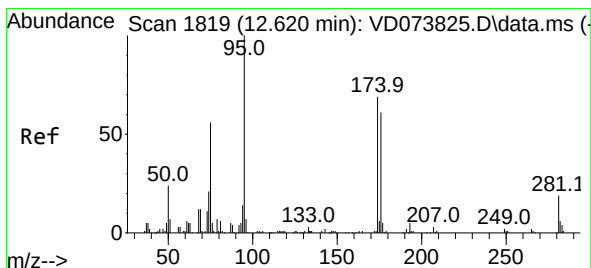
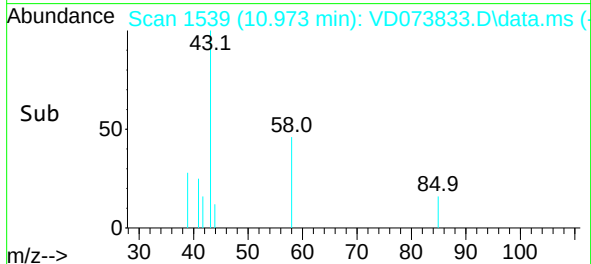
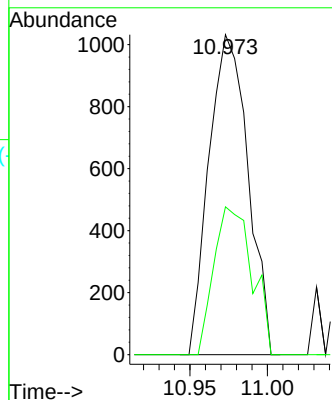


Tgt Ion: 43 Resp: 1810
Ion Ratio Lower Upper
43 100
58 45.2 25.3 75.9

Manual Integrations
APPROVED

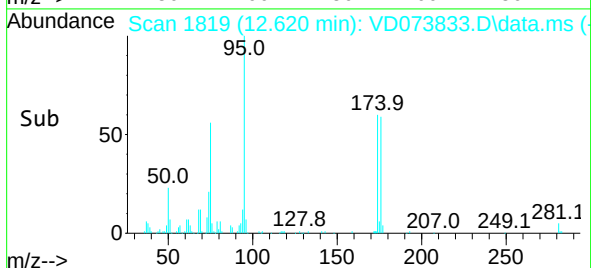
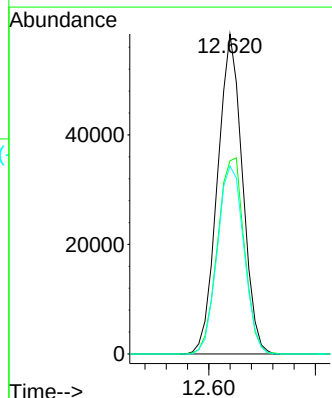
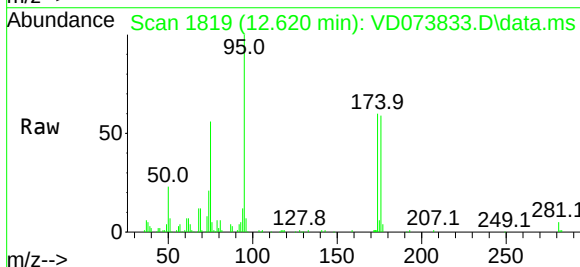
Reviewed By :John
Carlone
07/13/2022

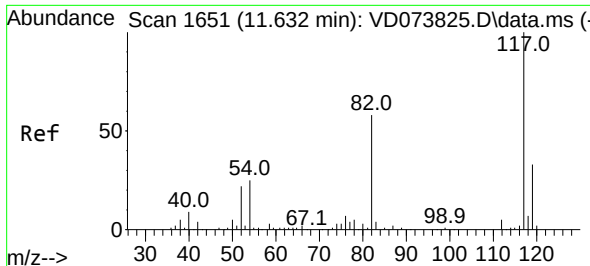
Supervised By :Mahesh
Daddala
07/13/2022



#62
4-Bromofluorobenzene
Concen: 43.468 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

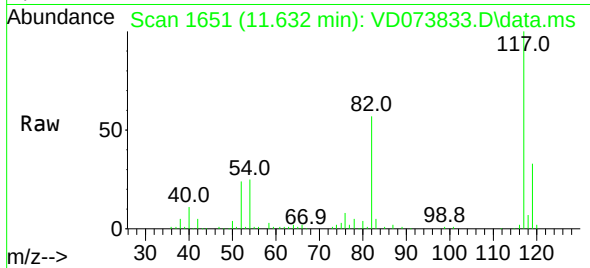
Tgt Ion: 95 Resp: 94863
Ion Ratio Lower Upper
95 100
174 65.8 0.0 131.8
176 62.6 0.0 124.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

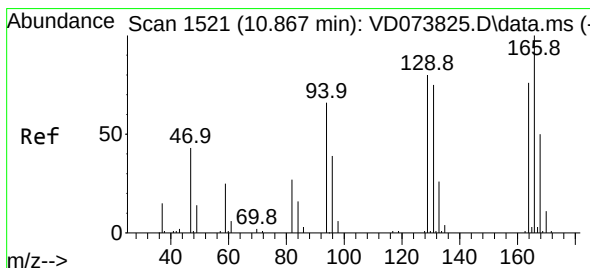
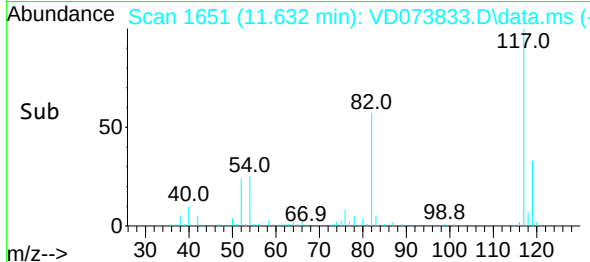
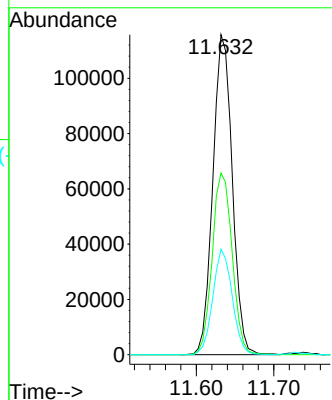


Tgt Ion:117 Resp: 201490
Ion Ratio Lower Upper
117 100
82 56.8 46.6 69.8
119 33.0 26.1 39.1

Manual Integrations
APPROVED

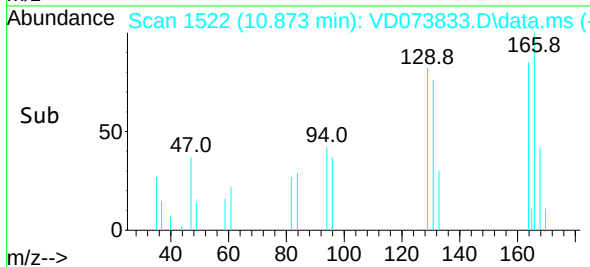
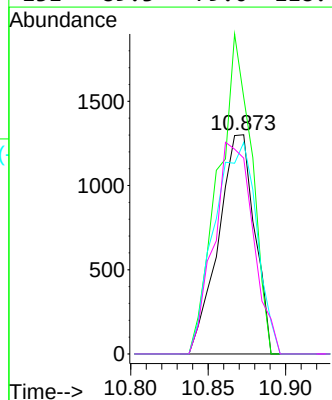
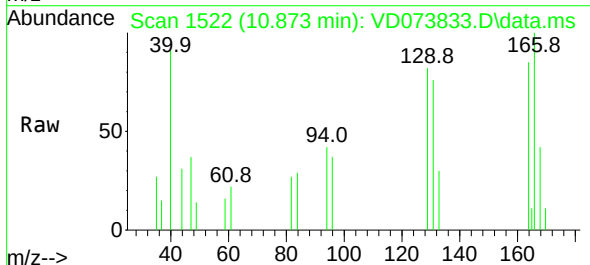
Reviewed By :John
Carlone
07/13/2022

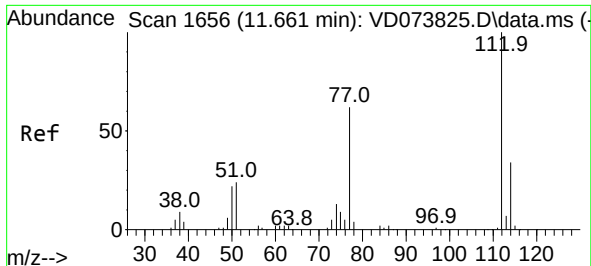
Supervised By :Mahesh
Dadda
07/13/2022



#64
Tetrachloroethene
Concen: 2.433 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

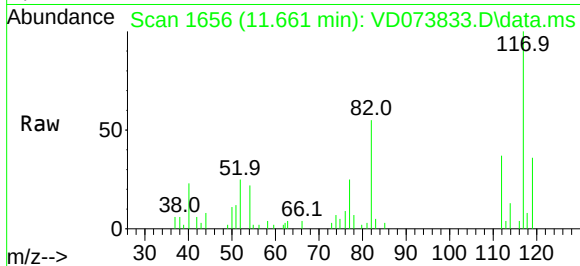
Tgt Ion:164 Resp: 2111
Ion Ratio Lower Upper
164 100
166 117.1 105.0 157.6
129 96.4 83.8 125.8
131 89.3 79.0 118.4





#65
Chlorobenzene
Concen: 1.450 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

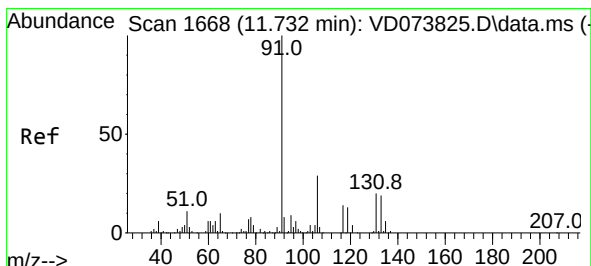
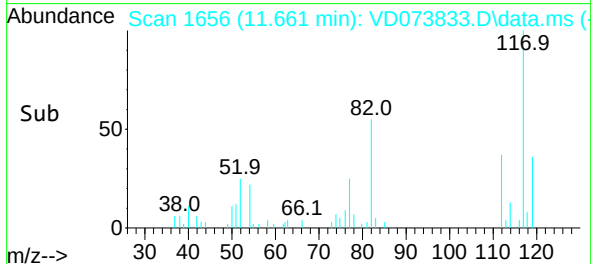
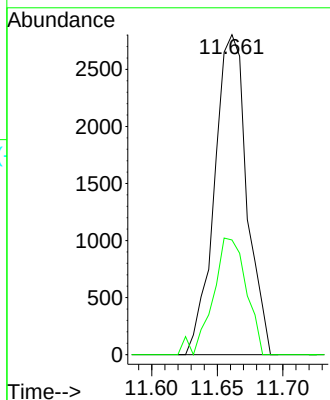


Tgt Ion:112 Resp: 4829
Ion Ratio Lower Upper
112 100
114 35.8 27.1 40.7

Manual Integrations
APPROVED

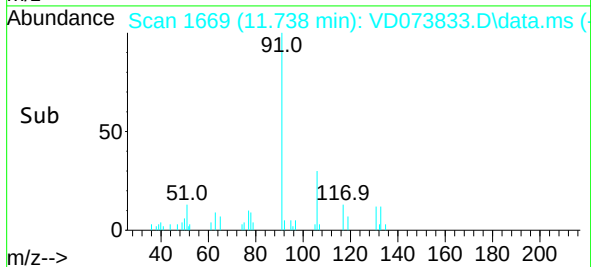
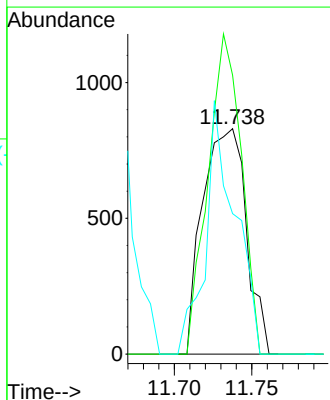
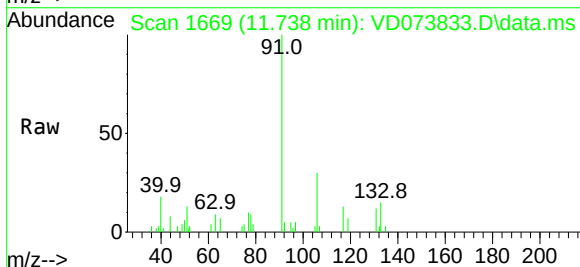
Reviewed By :John
Carlone
07/13/2022

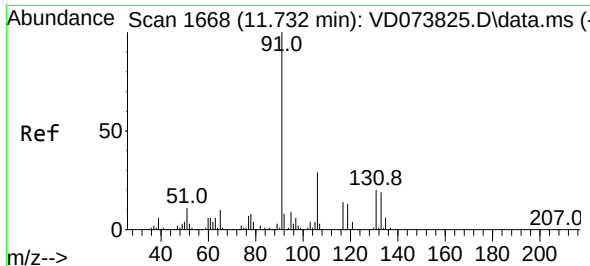
Supervised By :Mahesh
Dadda
07/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 1.228 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

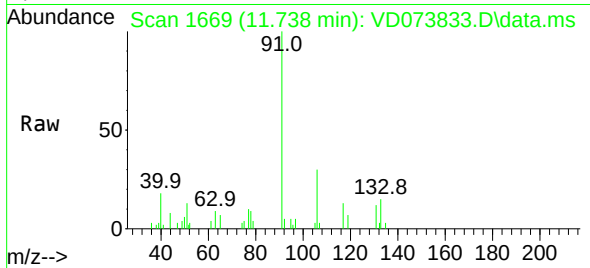
Tgt Ion:131 Resp: 1624
Ion Ratio Lower Upper
131 100
133 108.8 47.0 141.0
119 0.0 32.6 98.0#





#67
Ethyl Benzene
Concen: 1.894 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

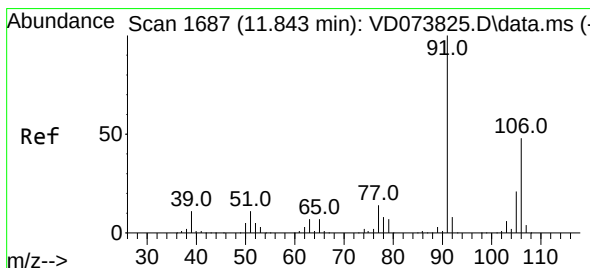
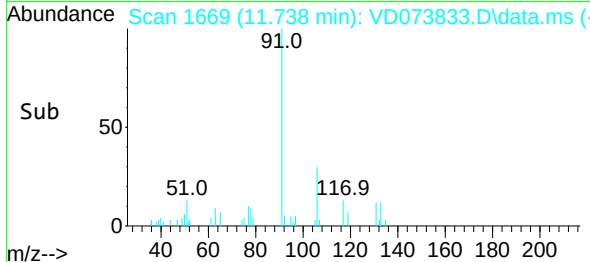
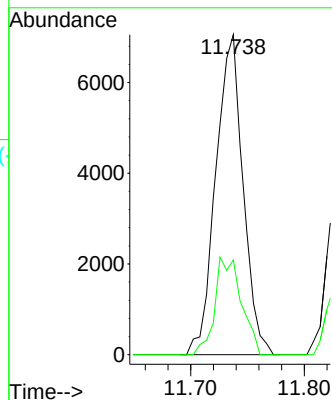


Tgt Ion: 91 Resp: 11769
Ion Ratio Lower Upper
91 100
106 29.6 23.2 34.8

Manual Integrations
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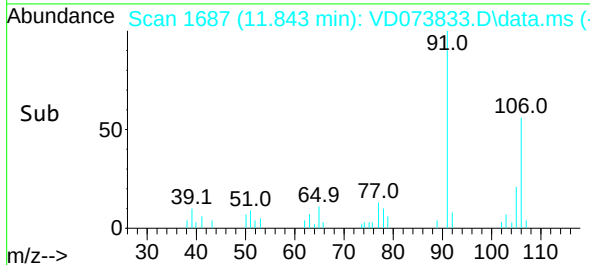
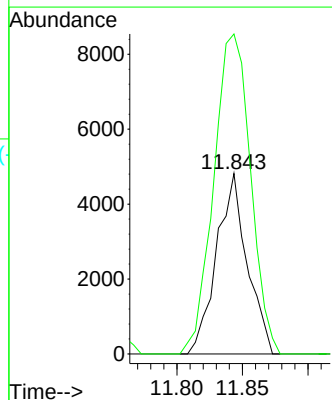
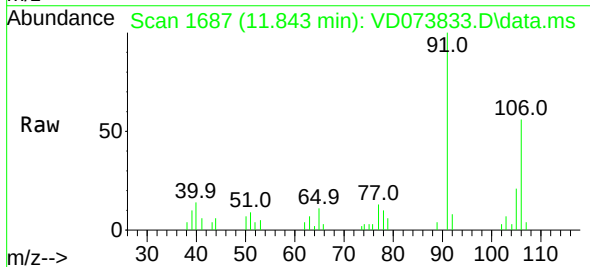
Reviewed By :John
Carlone
07/13/2022

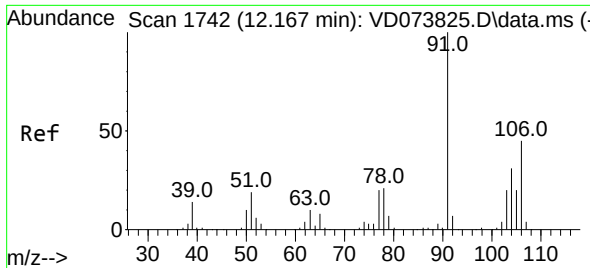
Supervised By :Mahesh
Daddala
07/13/2022



#68
m/p-Xylenes
Concen: 3.433 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Tgt Ion:106 Resp: 7825
Ion Ratio Lower Upper
106 100
91 213.2 167.0 250.4





#69
o-Xylene
Concen: 1.554 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

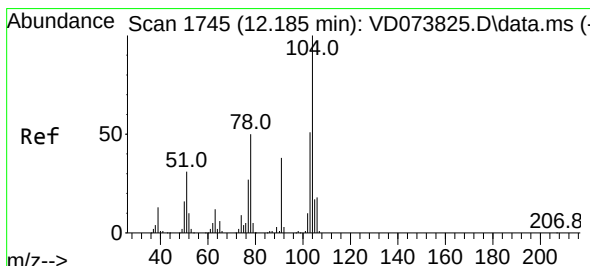
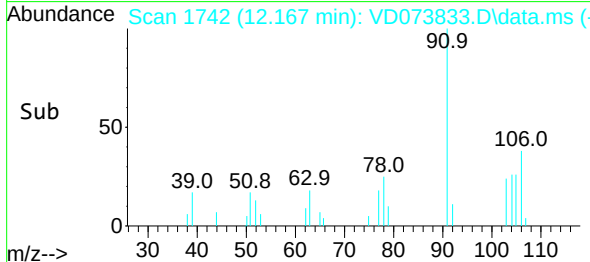
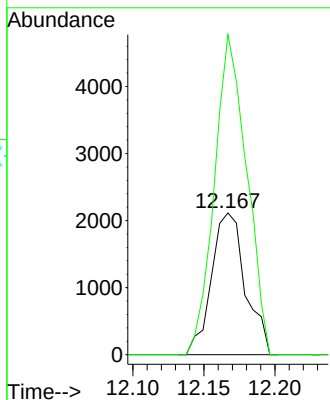
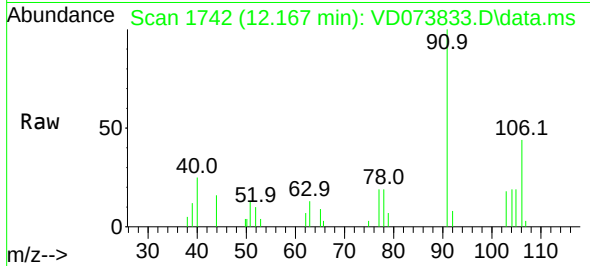
Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

Tgt Ion:106 Resp: 351
Ion Ratio Lower Upper
106 100
91 215.2 110.4 331.2

Manual Integrations
APPROVED

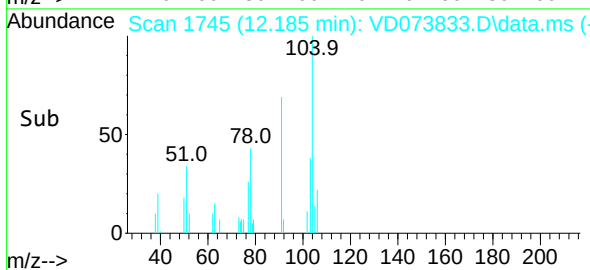
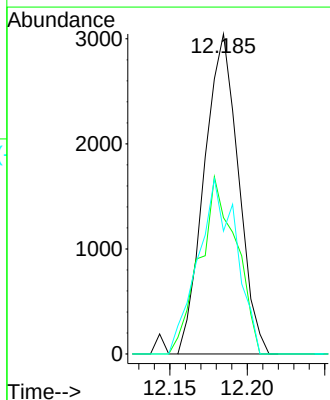
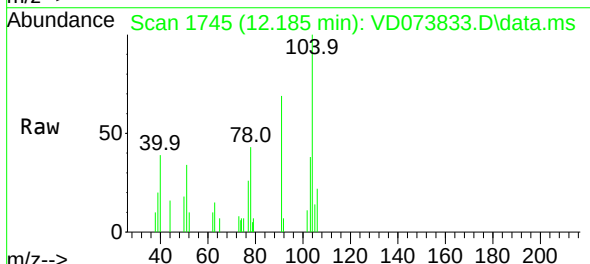
Reviewed By :John
Carlone
07/13/2022

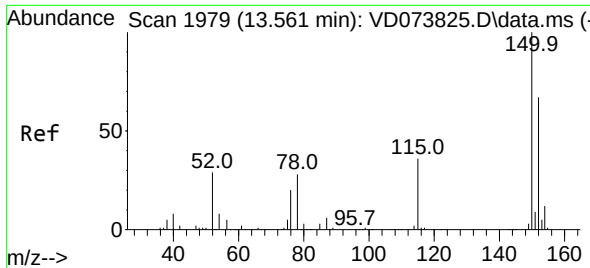
Supervised By :Mahesh
Daddar
07/13/2022



#70
Styrene
Concen: 1.192 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

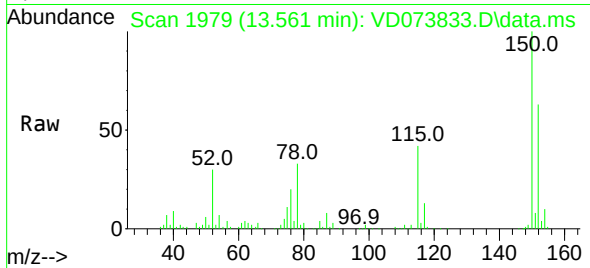
Tgt Ion:104 Resp: 4663
Ion Ratio Lower Upper
104 100
78 59.6 42.8 64.2
103 61.3 44.5 66.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
ClientSampleId :
OR-03-070822

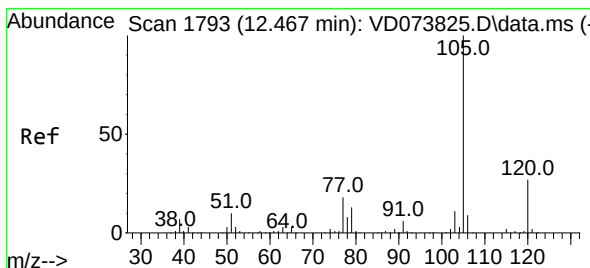
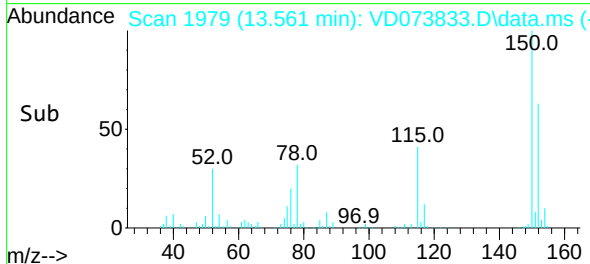
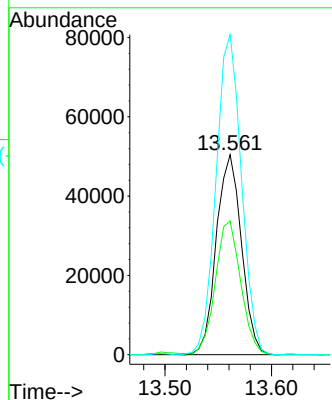


Tgt Ion:152 Resp: 82448
Ion Ratio Lower Upper
152 100
115 67.6 33.5 100.5
150 161.9 0.0 343.2

Manual Integrations
APPROVED

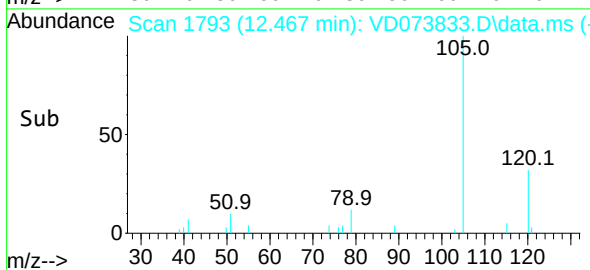
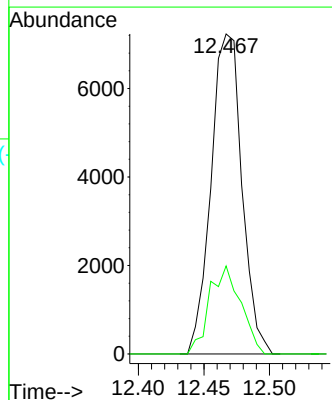
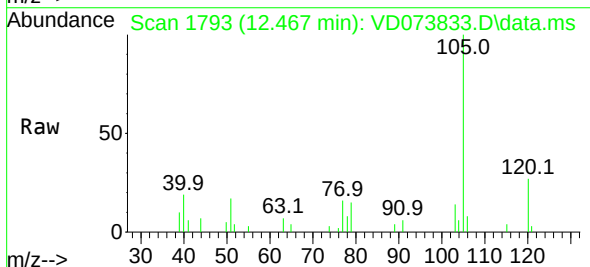
Reviewed By :John
Carlone
07/13/2022

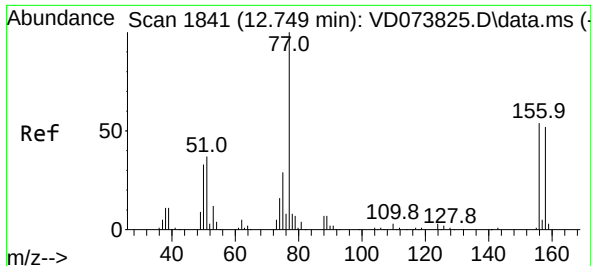
Supervised By :Mahesh
Dadda
07/13/2022



#73
Isopropylbenzene
Concen: 2.106 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

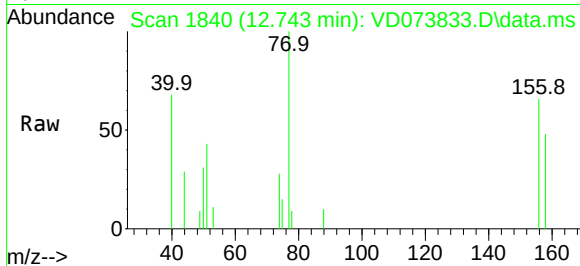
Tgt Ion:105 Resp: 11869
Ion Ratio Lower Upper
105 100
120 27.7 13.2 39.5





#77
Bromobenzene
Concen: 1.293 ug/l
RT: 12.743 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
ClientSampleId :
OR-03-070822

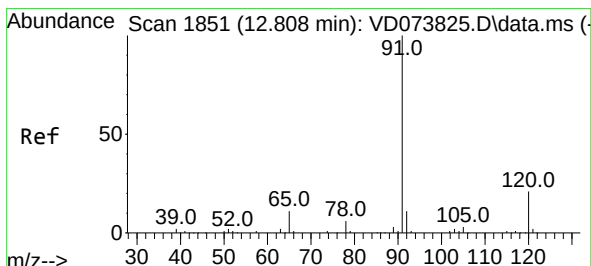
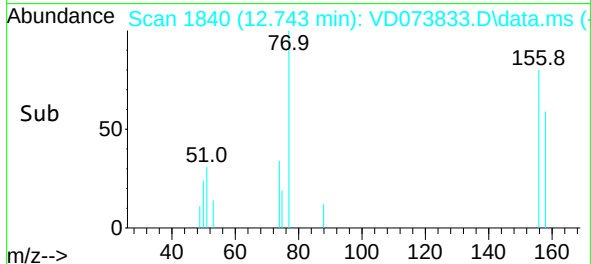
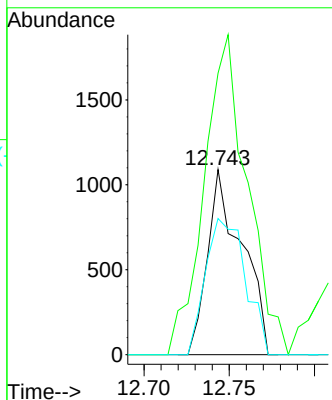


Tgt Ion:156 Resp: 152
Ion Ratio Lower Upper
156 100
77 217.1 110.1 330.3
158 85.6 48.3 144.9

Manual Integrations
APPROVED

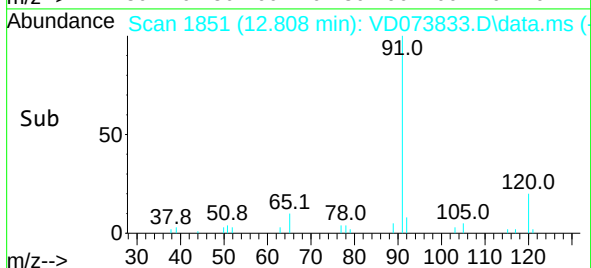
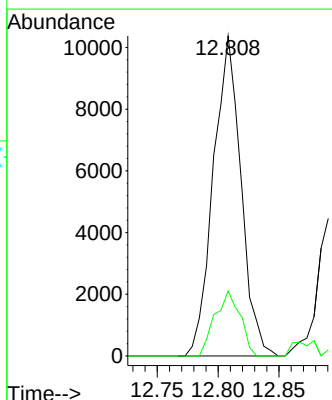
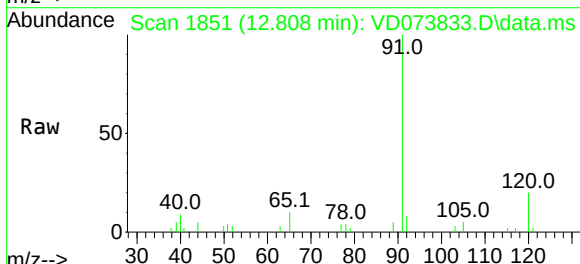
Reviewed By :John
Carlone
07/13/2022

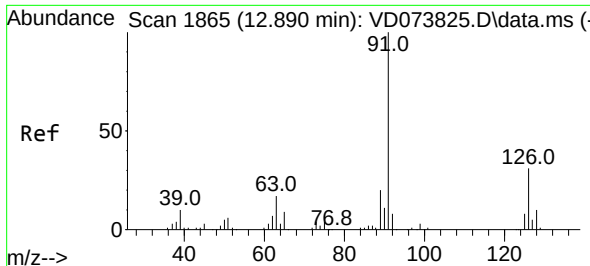
Supervised By :Mahesh
Dadda
07/13/2022



#78
n-propylbenzene
Concen: 2.303 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

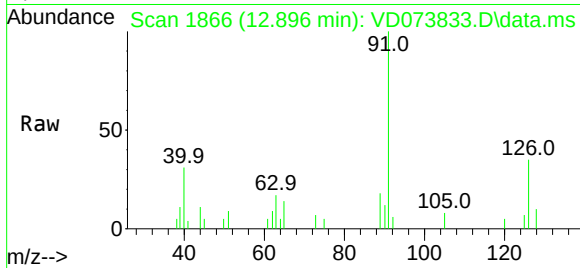
Tgt Ion: 91 Resp: 16391
Ion Ratio Lower Upper
91 100
120 18.4 10.5 31.6





#79
2-Chlorotoluene
Concen: 1.819 ug/l
RT: 12.896 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

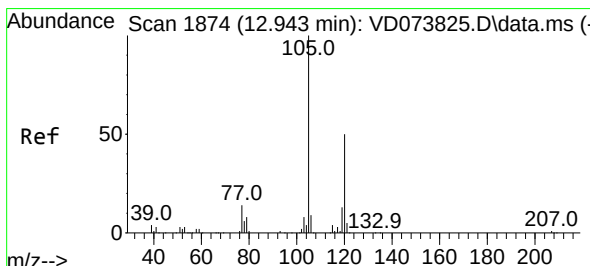
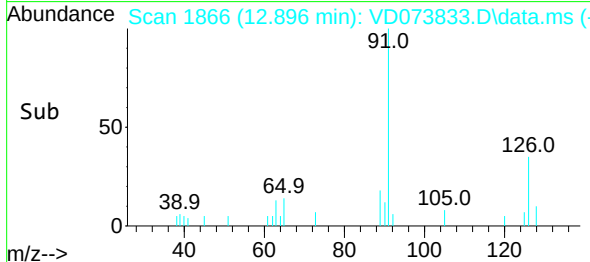
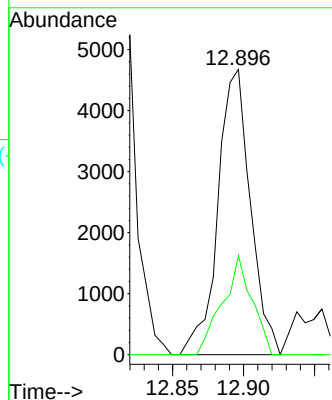


Tgt Ion: 91 Resp: 744
Ion Ratio Lower Upper
91 100
126 31.5 15.9 47.7

Manual Integrations
APPROVED

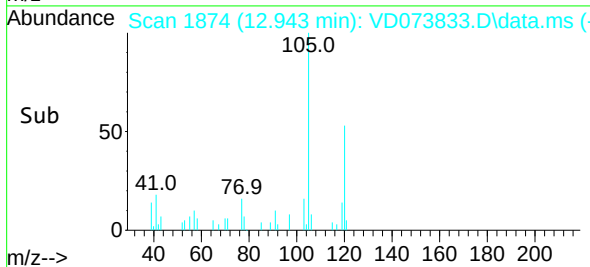
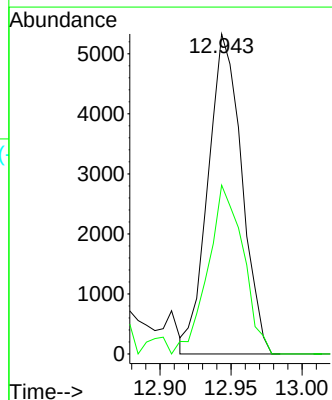
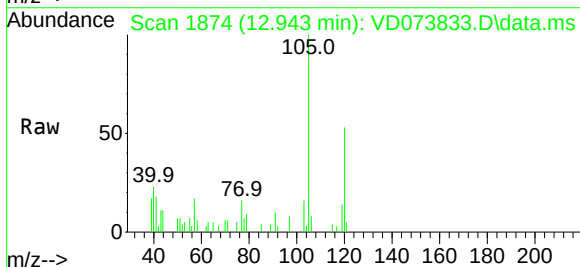
Reviewed By :John
Carlone
07/13/2022

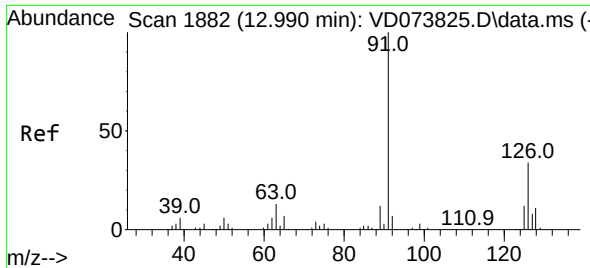
Supervised By :Mahesh
Dadda
07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 1.872 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

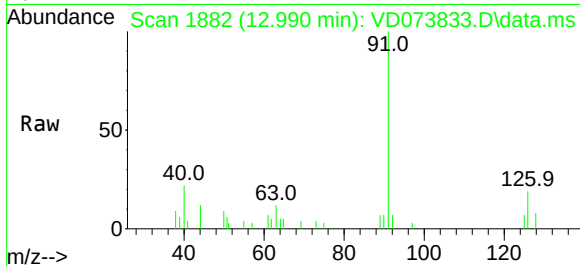
Tgt Ion:105 Resp: 8793
Ion Ratio Lower Upper
105 100
120 55.2 24.1 72.4





#82
4-Chlorotoluene
Concen: 1.586 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

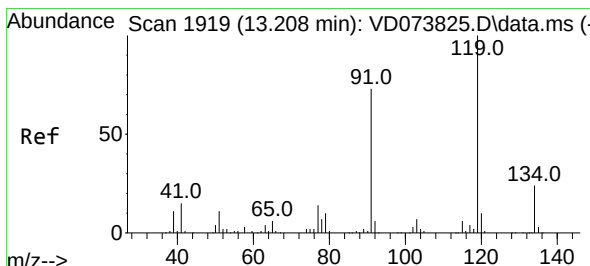
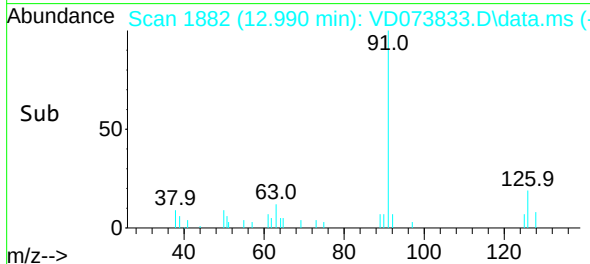
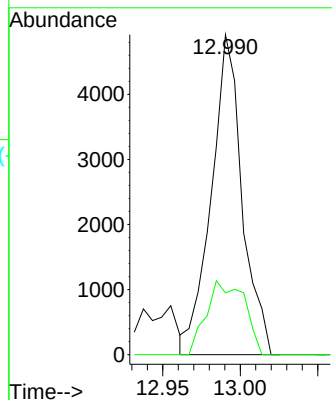


Tgt Ion: 91 Resp: 6789
Ion Ratio Lower Upper
91 100
126 28.4 16.2 48.5

Manual Integrations
APPROVED

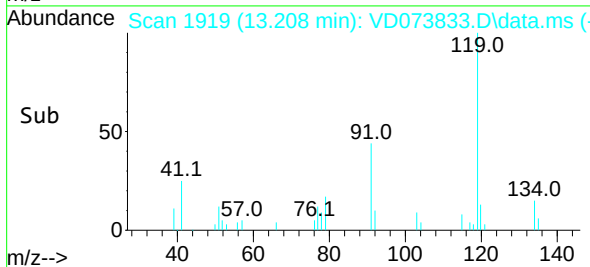
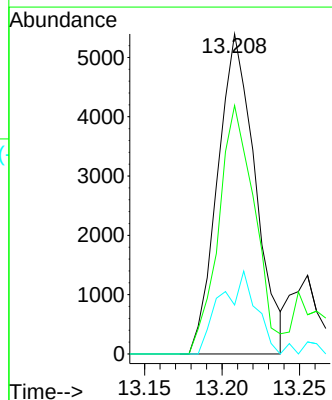
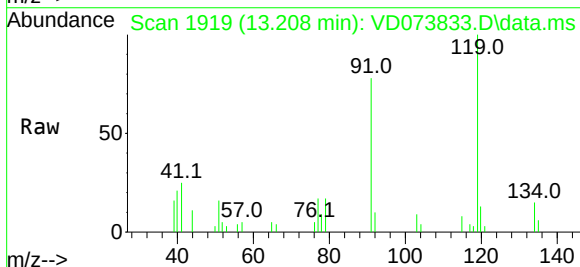
Reviewed By :John
Carlone
07/13/2022

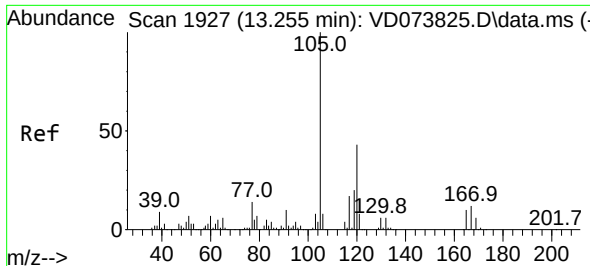
Supervised By :Mahesh
Daddala
07/13/2022



#83
tert-Butylbenzene
Concen: 2.199 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Tgt Ion:119 Resp: 9104
Ion Ratio Lower Upper
119 100
91 74.7 36.0 108.0
134 24.4 13.1 39.1





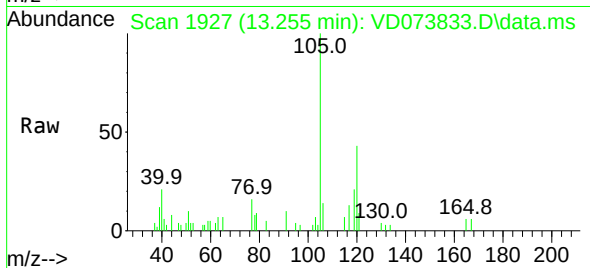
#84
1,2,4-Trimethylbenzene
Concen: 2.311 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

OR-03-070822

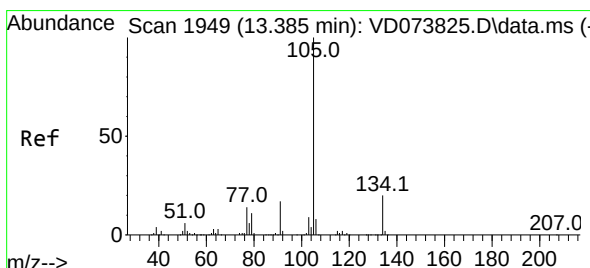
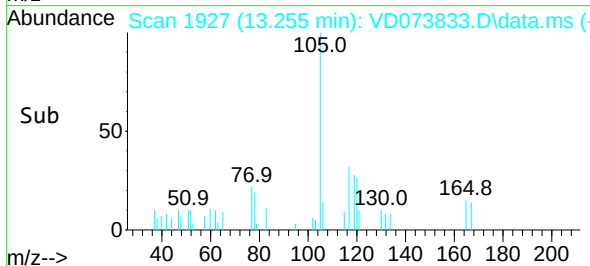
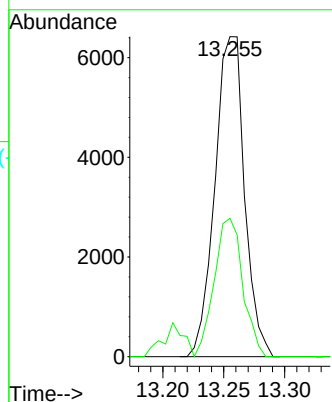


Tgt Ion:105 Resp: 10890
Ion Ratio Lower Upper
105 100
120 41.5 21.9 65.5

Manual Integrations
APPROVED

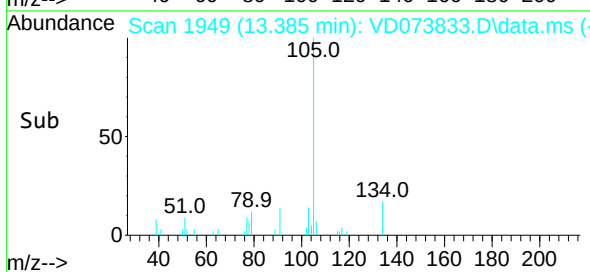
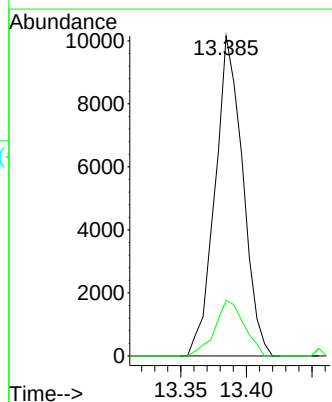
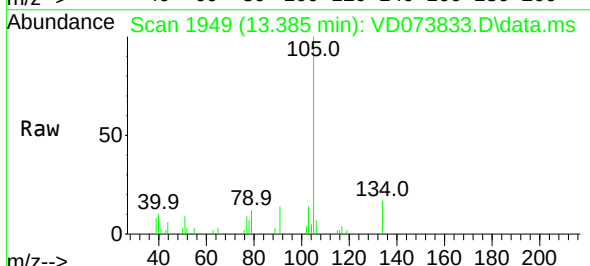
Reviewed By :John
Carlone
07/13/2022

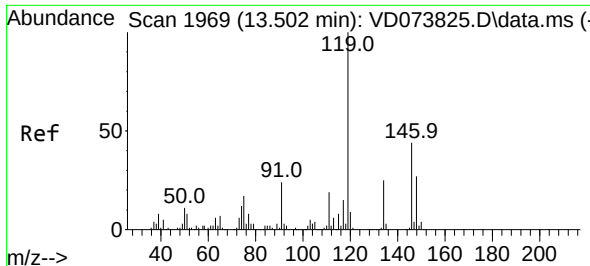
Supervised By :Mahesh
Dadda
07/13/2022



#85
sec-Butylbenzene
Concen: 2.314 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

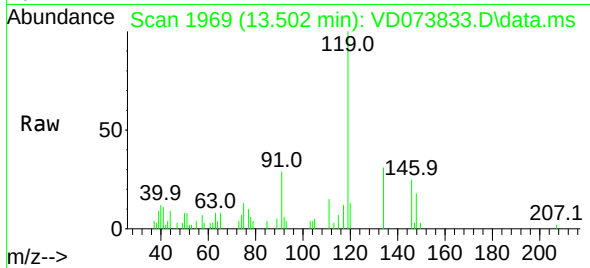
Tgt Ion:105 Resp: 14893
Ion Ratio Lower Upper
105 100
134 18.4 9.8 29.3





#86
p-Isopropyltoluene
Concen: 2.056 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

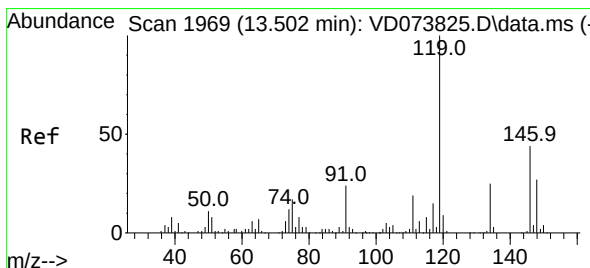
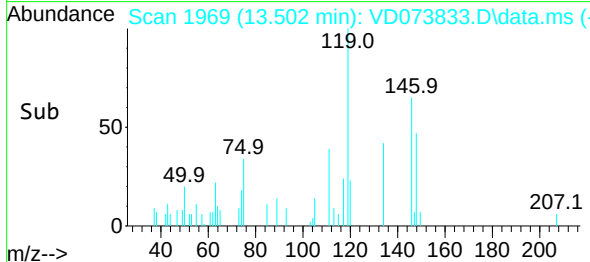
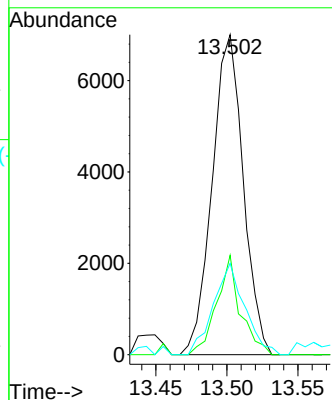


Tgt Ion:119 Resp: 1065
Ion Ratio Lower Upper
119 100
134 23.7 12.6 37.8
91 28.8 13.0 38.9

Manual Integrations
APPROVED

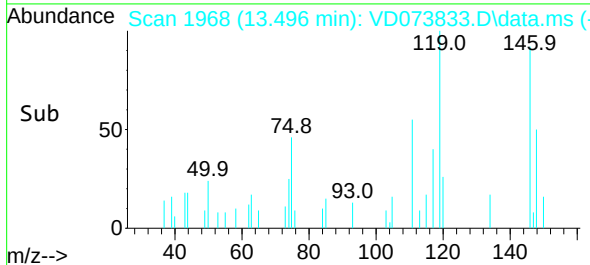
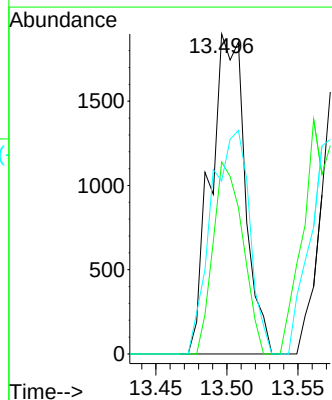
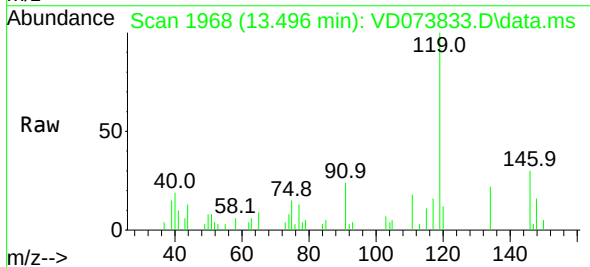
Reviewed By :John
Carlone
07/13/2022

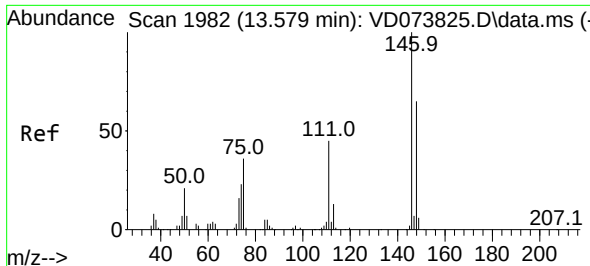
Supervised By :Mahesh
Dadda
07/13/2022



#87
1,3-Dichlorobenzene
Concen: 1.260 ug/l
RT: 13.496 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

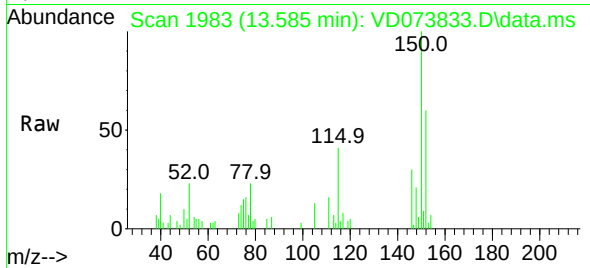
Tgt Ion:146 Resp: 3197
Ion Ratio Lower Upper
146 100
111 51.7 21.8 65.4
148 77.7 31.6 94.8





#88
1,4-Dichlorobenzene
Concen: 1.355 ug/l m
RT: 13.585 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

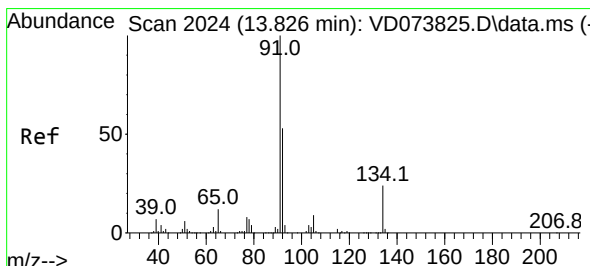
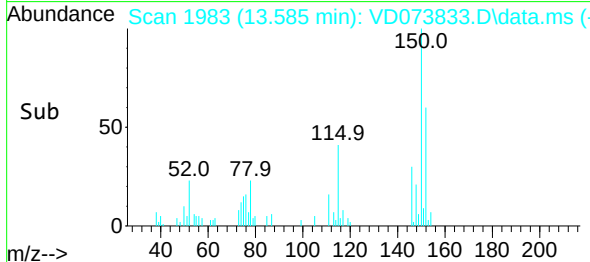
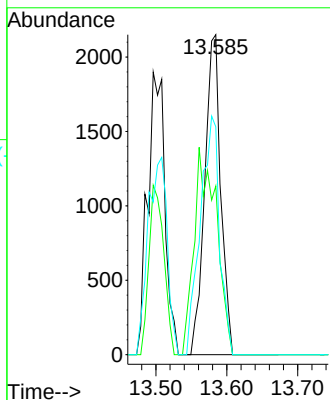


Tgt Ion:146 Resp: 3368
Ion Ratio Lower Upper
146 100
111 49.1 21.9 65.7
148 73.8 32.4 97.0

Manual Integrations
APPROVED

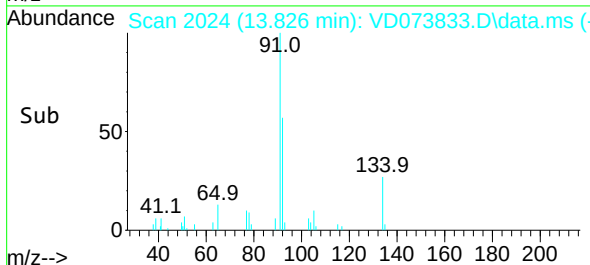
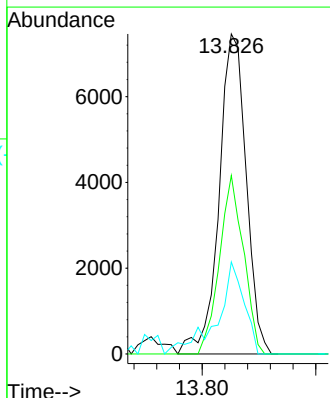
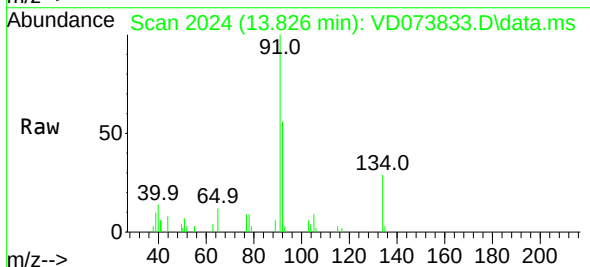
Reviewed By :John
Carlone
07/13/2022

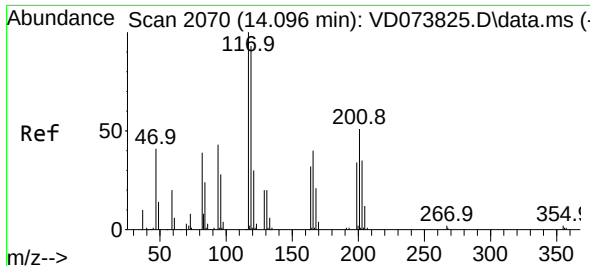
Supervised By :Mahesh
Dadda
07/13/2022



#89
n-Butylbenzene
Concen: 2.378 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

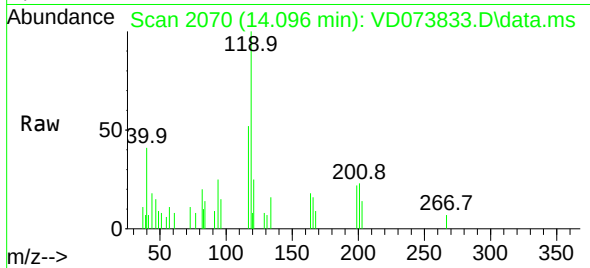
Tgt Ion: 91 Resp: 12365
Ion Ratio Lower Upper
91 100
92 49.5 26.7 80.1
134 28.2 11.6 34.7





#90
Hexachloroethane
Concen: 2.399 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
Client Sample Id :
OR-03-070822

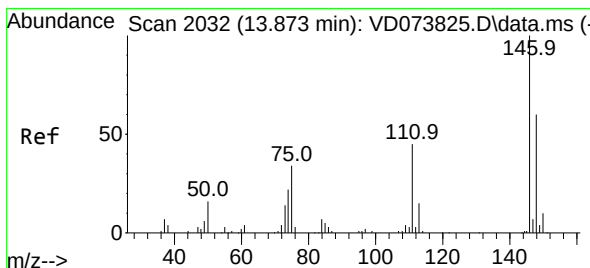
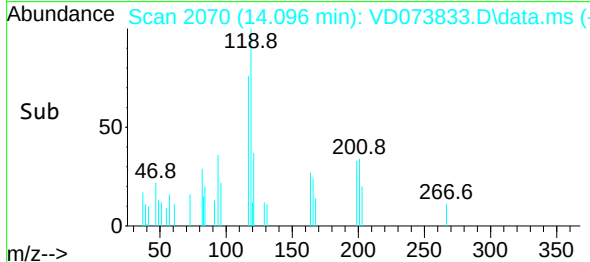
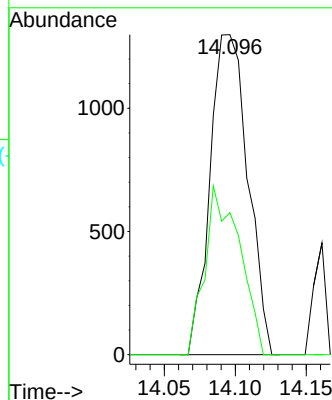


Tgt Ion:117 Resp: 240
Ion Ratio Lower Upper
117 100
201 48.4 26.7 80.0

Manual Integrations
APPROVED

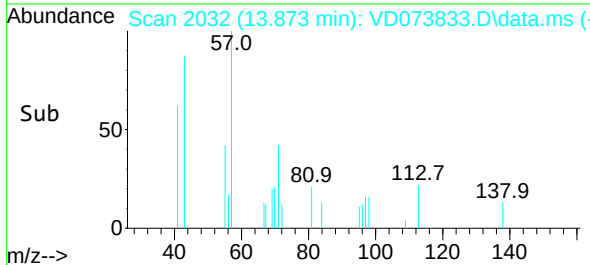
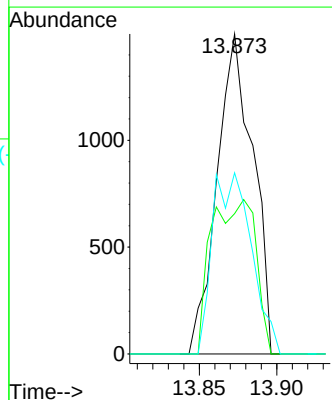
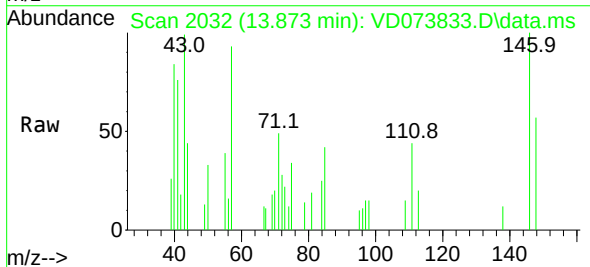
Reviewed By :John
Carlone
07/13/2022

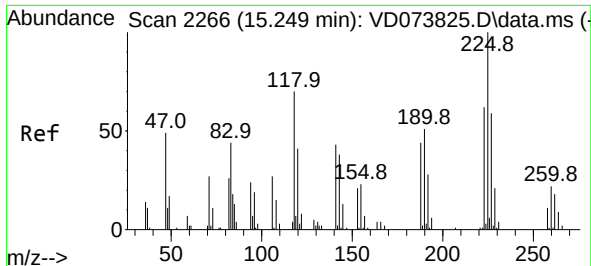
Supervised By :Mahesh
Daddar
07/13/2022



#91
1,2-Dichlorobenzene
Concen: 1.079 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

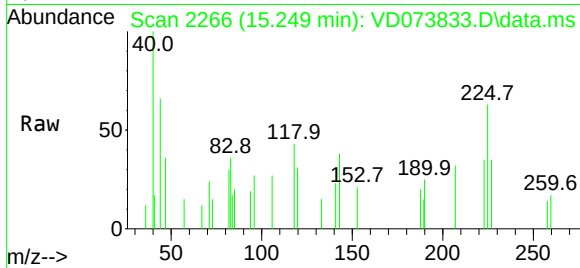
Tgt Ion:146 Resp: 2411
Ion Ratio Lower Upper
146 100
111 59.9 22.8 68.4
148 61.3 30.6 91.6





#94
Hexachlorobutadiene
Concen: 2.249 ug/l
RT: 15.249 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073833.D
Acq: 12 Jul 2022 12:29

Instrument :
MSVOA_D
ClientSampleId :
OR-03-070822



Tgt Ion	Ratio	Lower	Upper
225	100		
223	51.4	31.8	95.3
227	52.4	31.4	94.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone
07/13/2022

Supervised By :Mahesh
Daddar
07/13/2022

