

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072211.D
 Acq On : 16 Mar 2022 11:47
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

03/17/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Mar 16 14:59:00 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

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	493746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	777774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	714401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	349472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260165	47.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.560%
35) Dibromofluoromethane	7.914	113	264980	48.414	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.820%
50) Toluene-d8	10.332	98	956044	47.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.620	95	358211	46.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	214379	46.943	ug/l	98
3) Chloromethane	2.209	50	223591	55.097	ug/l	98
4) Vinyl Chloride	2.350	62	215357	54.977	ug/l	99
5) Bromomethane	2.767	94	131996	51.747	ug/l	97
6) Chloroethane	2.920	64	140701	54.327	ug/l	100
7) Trichlorofluoromethane	3.273	101	430758	48.694	ug/l	98
8) Diethyl Ether	3.703	74	125892	51.528	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	277071	49.121	ug/l	96
10) Methyl Iodide	4.297	142	198943	39.841	ug/l	98
11) Tert butyl alcohol	5.208	59	77920	244.231	ug/l	98
12) 1,1-Dichloroethene	4.067	96	232757	51.292	ug/l	92
13) Acrolein	3.920	56	59171	207.845	ug/l	98
14) Allyl chloride	4.714	41	424891	53.553	ug/l	92
15) Acrylonitrile	5.414	53	317814	257.802	ug/l	98
16) Acetone	4.150	43	307765	257.607	ug/l	96
17) Carbon Disulfide	4.408	76	544554	51.409	ug/l	99
18) Methyl Acetate	4.720	43	141975	48.493	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	646536	52.419	ug/l	98
20) Methylene Chloride	4.961	84	285823	48.091	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	265273	52.852	ug/l	91
22) Diisopropyl ether	6.361	45	946382	52.295	ug/l	92
23) Vinyl Acetate	6.302	43	2564447	277.664	ug/l	97
24) 1,1-Dichloroethane	6.261	63	537242	50.338	ug/l	99
25) 2-Butanone	7.208	43	425371	267.038	ug/l	98
26) 2,2-Dichloropropane	7.202	77	464606	48.247	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	324147	50.585	ug/l	95
28) Bromochloromethane	7.544	49	223864	52.102	ug/l	87
29) Tetrahydrofuran	7.561	42	250757	267.715	ug/l	93
30) Chloroform	7.702	83	558795	49.146	ug/l	95
31) Cyclohexane	7.985	56	449367	52.271	ug/l	93
32) 1,1,1-Trichloroethane	7.902	97	489972	48.520	ug/l	96
36) 1,1-Dichloropropene	8.108	75	404143	52.635	ug/l	97
37) Ethyl Acetate	7.285	43	180483	53.661	ug/l #	97
38) Carbon Tetrachloride	8.091	117	421388	48.280	ug/l	98
39) Methylcyclohexane	9.349	83	470120	54.410	ug/l	98
40) Benzene	8.349	78	1129543	51.565	ug/l	100

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 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	124327	63.419	ug/l	98
42) 1,2-Dichloroethane	8.420	62	336811	50.687	ug/l	97
43) Isopropyl Acetate	8.449	43	350426	53.679	ug/l #	95
44) Trichloroethene	9.108	130	306651	49.866	ug/l	96
45) 1,2-Dichloropropane	9.385	63	300798	50.070	ug/l	97
46) Dibromomethane	9.473	93	154650	52.332	ug/l	95
47) Bromodichloromethane	9.655	83	429733	49.882	ug/l	96
48) Methyl methacrylate	9.449	41	177787	57.035	ug/l	93
49) 1,4-Dioxane	9.455	88	37346	1053.863	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	924023	269.492	ug/l	96
52) Toluene	10.396	92	737775	51.184	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	394306	50.096	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	465474	51.157	ug/l	91
55) 1,1,2-Trichloroethane	10.790	97	223418	49.630	ug/l	96
56) Ethyl methacrylate	10.655	69	287887	54.598	ug/l	89
57) 1,3-Dichloropropane	10.938	76	391340	51.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	633407	267.169	ug/l	98
59) 2-Hexanone	10.979	43	664078	280.421	ug/l	96
60) Dibromochloromethane	11.132	129	284602	48.721	ug/l	100
61) 1,2-Dibromoethane	11.238	107	206913	50.866	ug/l	98
64) Tetrachloroethene	10.873	164	247828	49.236	ug/l	95
65) Chlorobenzene	11.661	112	790338	49.901	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.737	131	301594	48.155	ug/l	99
67) Ethyl Benzene	11.737	91	1443847	51.042	ug/l	100
68) m/p-Xylenes	11.843	106	1101051	102.507	ug/l	99
69) o-Xylene	12.173	106	523112	50.916	ug/l	97
70) Styrene	12.185	104	910139	50.730	ug/l	98
71) Bromoform	12.349	173	162571	48.593	ug/l #	99
73) Isopropylbenzene	12.473	105	1443393	52.120	ug/l	100
74) N-amyl acetate	12.279	43	338095	56.809	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	249883	50.451	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	204789m	53.123	ug/l	
77) Bromobenzene	12.749	156	320000	51.338	ug/l	93
78) n-propylbenzene	12.808	91	1757207	52.238	ug/l	99
79) 2-Chlorotoluene	12.896	91	999480	51.384	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1197346	50.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	80812	52.011	ug/l	90
82) 4-Chlorotoluene	12.996	91	1026712	50.978	ug/l	99
83) tert-Butylbenzene	13.214	119	1061660	50.898	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1183645	50.491	ug/l	100
85) sec-Butylbenzene	13.390	105	1586685	50.654	ug/l	98
86) p-Isopropyltoluene	13.502	119	1303660	50.577	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	647514	49.567	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	642997	49.637	ug/l	98
89) n-Butylbenzene	13.832	91	1253059	51.002	ug/l	98
90) Hexachloroethane	14.096	117	248710	49.231	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	562734	49.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	38050	48.137	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	369381	48.986	ug/l	99
94) Hexachlorobutadiene	15.249	225	207139	47.224	ug/l	98
95) Naphthalene	15.384	128	677904	52.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	322172	49.359	ug/l	99

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

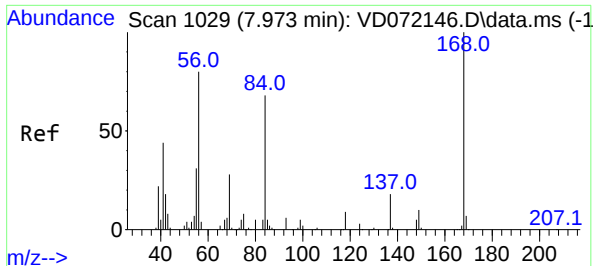
Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

03/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

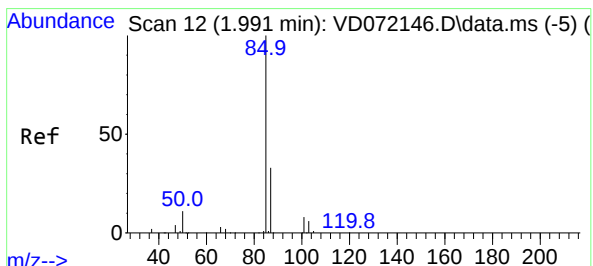
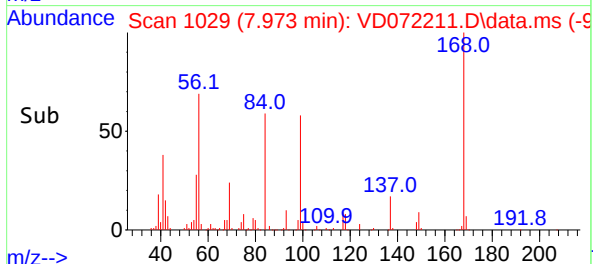
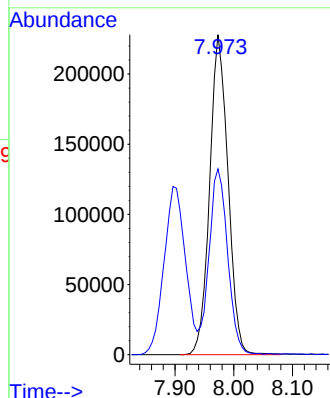
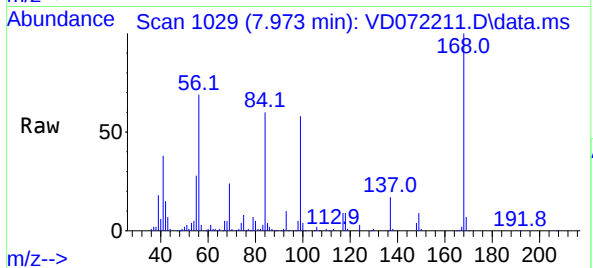
Tgt Ion:168 Resp: 493740
Ion Ratio Lower Upper
168 100
99 57.9 49.8 74.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

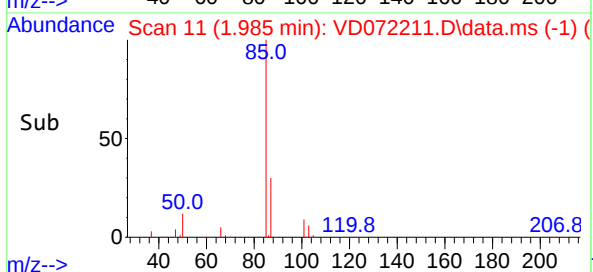
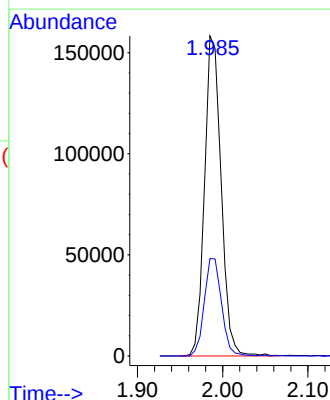
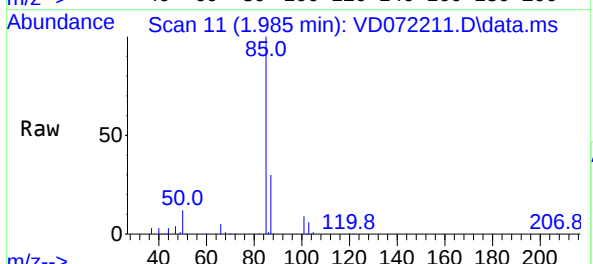
03/17/2022
Supervised By :Mahesh
Dadoda

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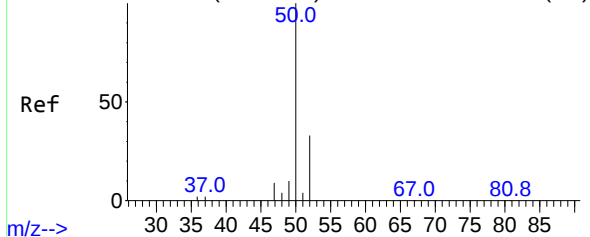


Dichlorodifluoromethane
Concen: 46.943 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 85 Resp: 214379
Ion Ratio Lower Upper
85 100
87 30.4 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 55.097 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 22359

Ion Ratio Lower Upper

50 100

52 33.2 27.4 41.0

Manual Integrations

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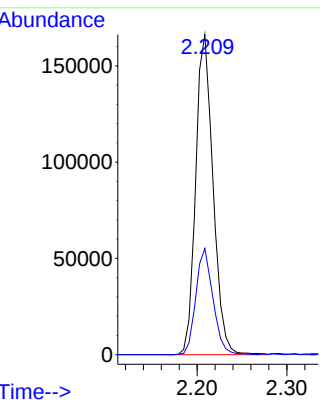
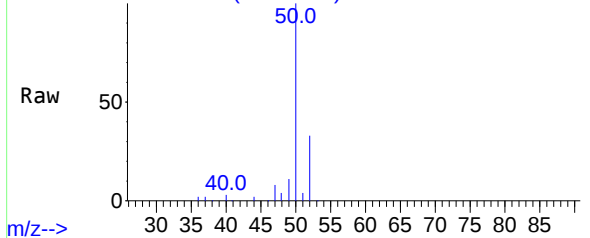
03/17/2022

Supervised By :Mahesh

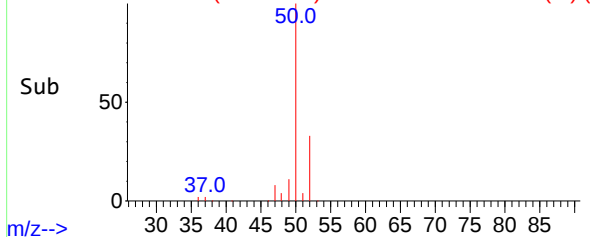
Dadoda

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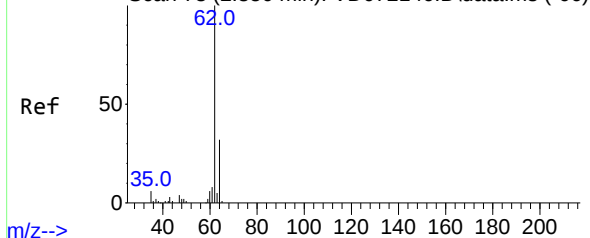
Abundance Scan 49 (2.209 min): VD072211.D\data.ms



Abundance Scan 49 (2.209 min): VD072211.D\data.ms (-1)



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 54.977 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

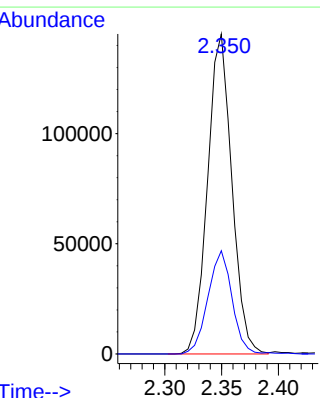
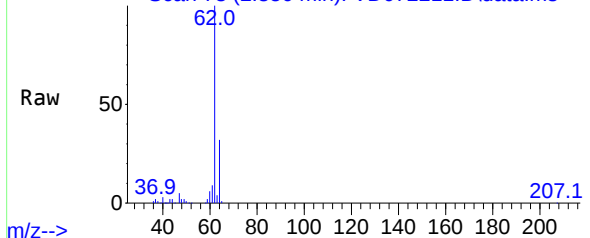
Tgt Ion: 62 Resp: 215357

Ion Ratio Lower Upper

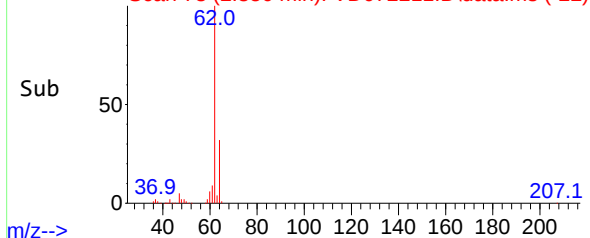
62 100

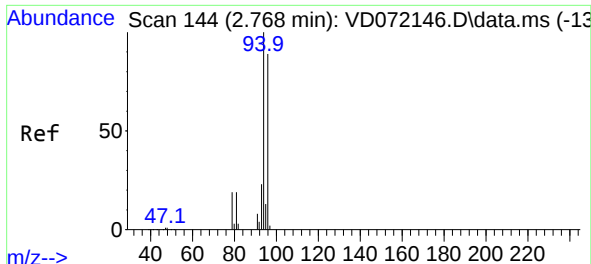
64 32.3 25.4 38.0

Abundance Scan 73 (2.350 min): VD072211.D\data.ms



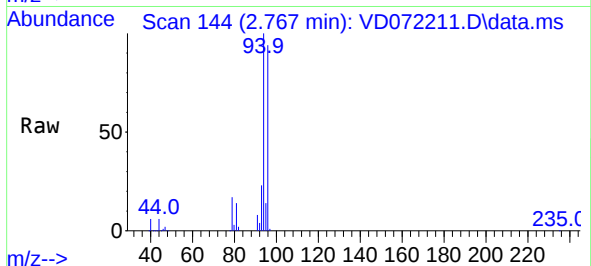
Abundance Scan 73 (2.350 min): VD072211.D\data.ms (-22)





#5
Bromomethane
Concen: 51.747 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072211.D
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Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



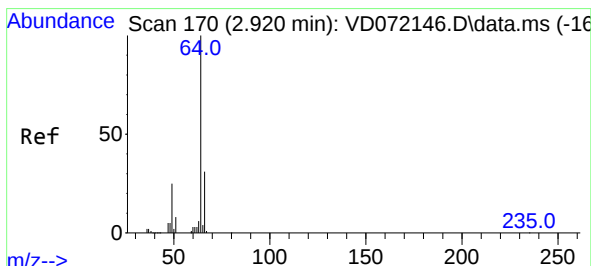
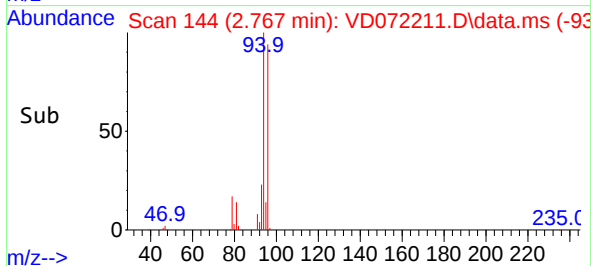
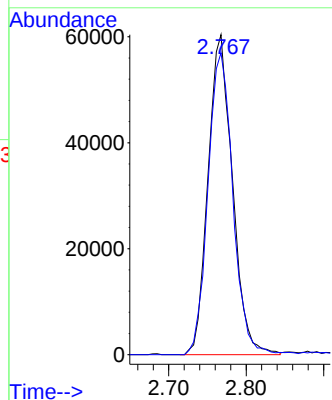
Tgt Ion: 94 Resp: 131990
Ion Ratio Lower Upper
94 100
96 94.3 77.6 116.4

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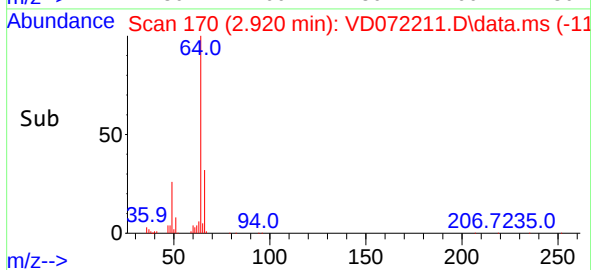
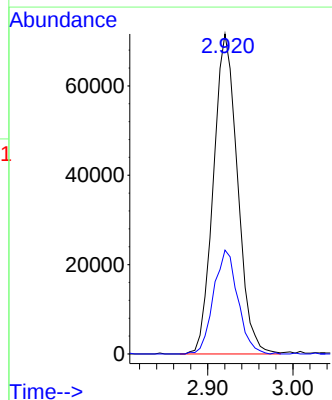
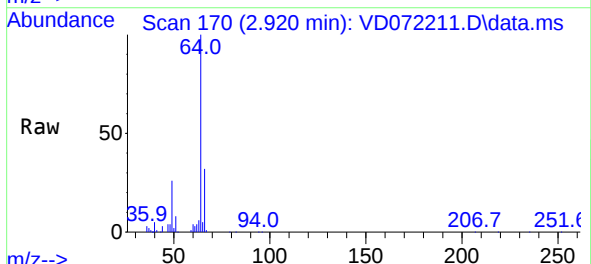
03/17/2022
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Dadoda

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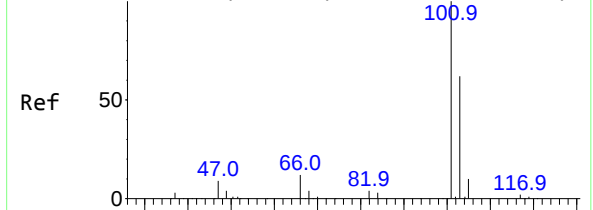


#6
Chloroethane
Concen: 54.327 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 64 Resp: 140701
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9

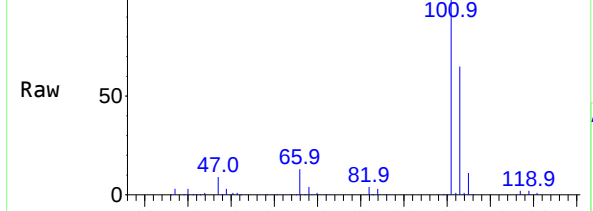


Abundance Scan 230 (3.273 min): VD072146.D\data.ms (-21



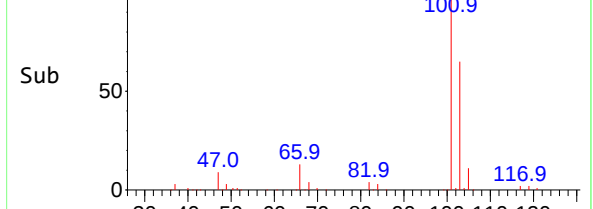
m/z-->

Abundance Scan 230 (3.273 min): VD072211.D\data.ms



m/z-->

Abundance Scan 230 (3.273 min): VD072211.D\data.ms (-17



m/z-->

#7

Trichlorofluoromethane

Concen: 48.694 ug/l

RT: 3.273 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

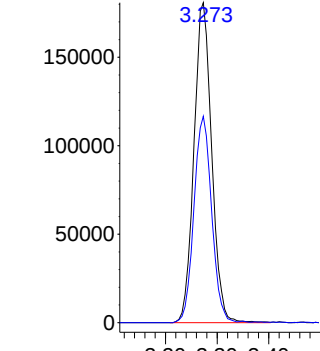
Tgt Ion:101 Resp: 430758

Ion Ratio Lower Upper

101 100

103 64.5 50.1 75.1

Abundance



Time-->

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Manual Integrations

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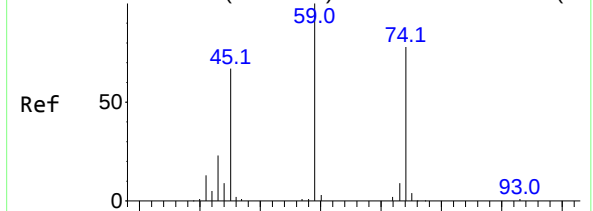
Reviewed By :John
Carlone

03/17/2022

Supervised By :Mahesh
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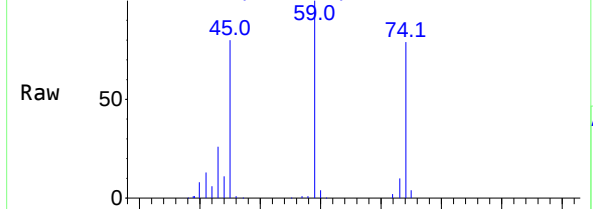
03/17/2022

Abundance Scan 305 (3.715 min): VD072146.D\data.ms (-29



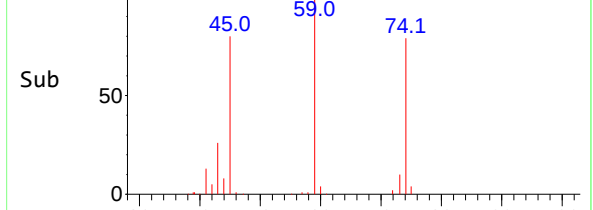
m/z-->

Abundance Scan 303 (3.703 min): VD072211.D\data.ms



m/z-->

Abundance Scan 303 (3.703 min): VD072211.D\data.ms (-25



m/z-->

#8

Diethyl Ether

Concen: 51.528 ug/l

RT: 3.703 min Scan# 303

Delta R.T. -0.012 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

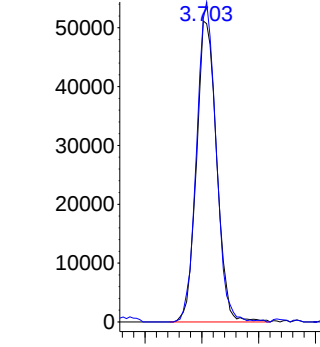
Tgt Ion: 74 Resp: 125892

Ion Ratio Lower Upper

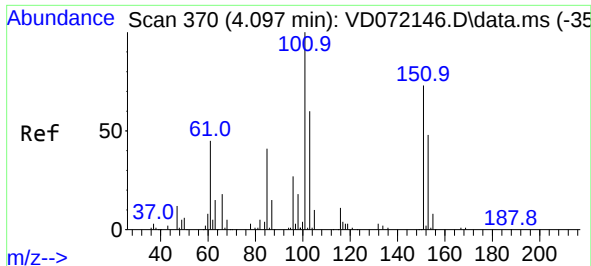
74 100

45 102.7 52.6 157.8

Abundance

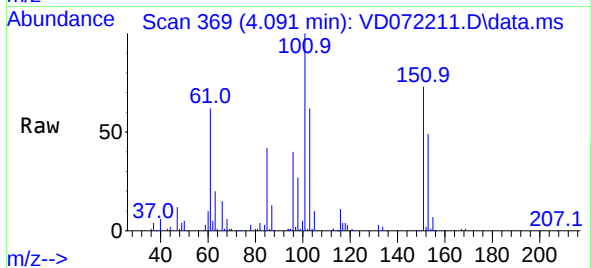


Time-->



#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.121 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



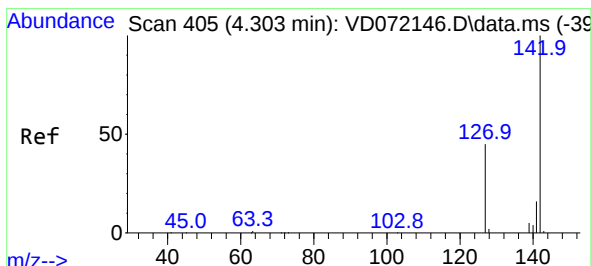
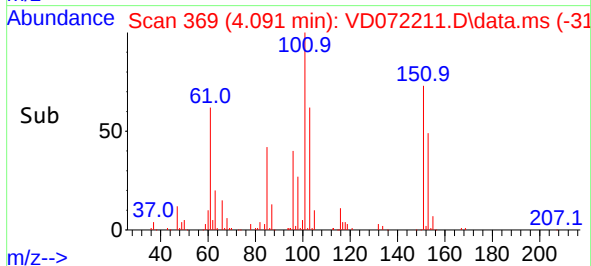
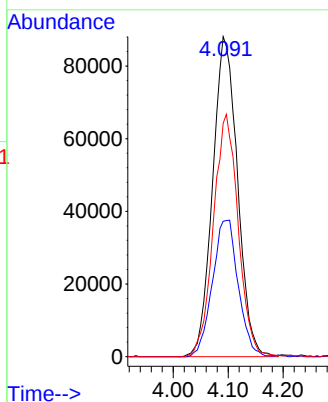
Tgt Ion:101 Resp: 27707
Ion Ratio Lower Upper
101 100
85 44.2 36.4 54.6
151 75.4 57.3 85.9

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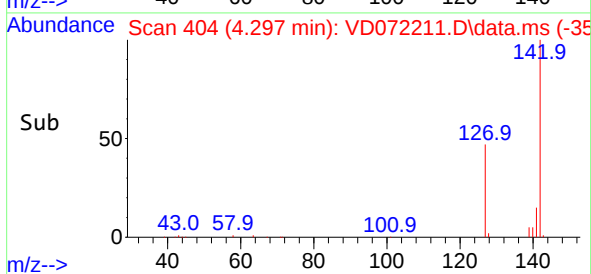
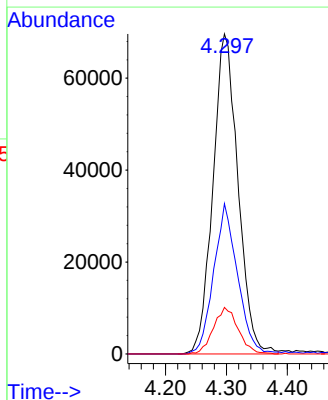
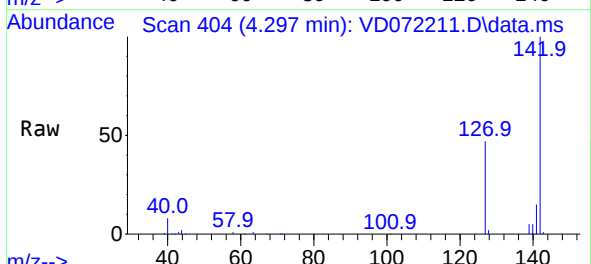
03/17/2022
Supervised By :Mahesh
Dadoda

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#10
Methyl Iodide
Concen: 39.841 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

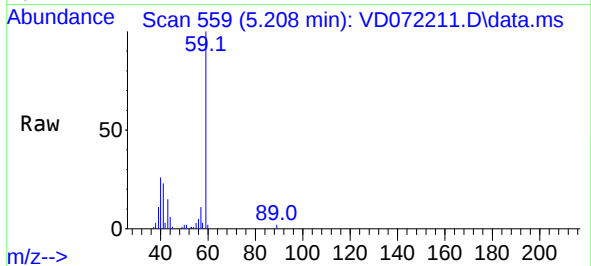
Tgt Ion:142 Resp: 198943
Ion Ratio Lower Upper
142 100
127 44.7 37.3 55.9
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 244.231 ug/l
RT: 5.208 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



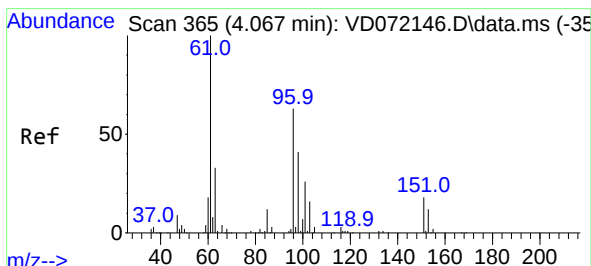
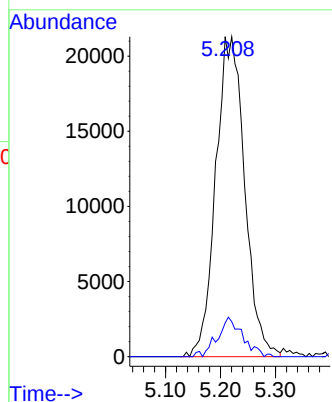
Tgt Ion: 59 Resp: 77920
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

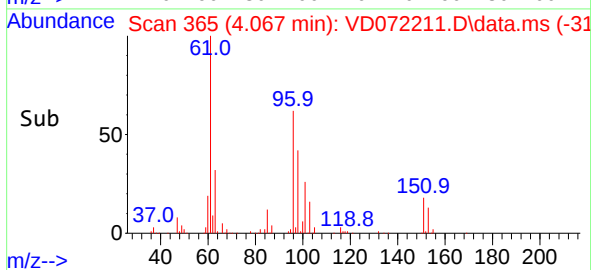
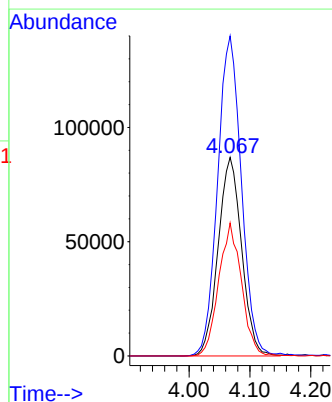
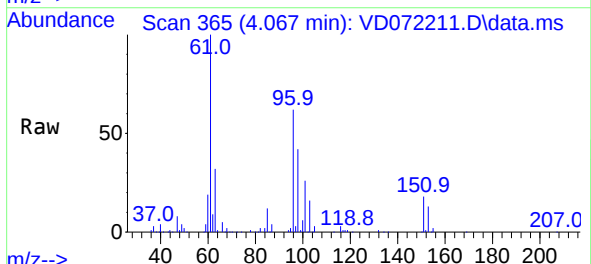
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Supervised By :Mahesh
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#12
1,1-Dichloroethene
Concen: 51.292 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

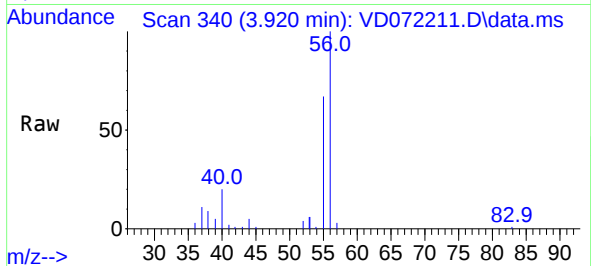
Tgt Ion: 96 Resp: 232757
Ion Ratio Lower Upper
96 100
61 161.2 138.5 207.7
98 67.0 48.6 73.0





#13
Acrolein
Concen: 207.845 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



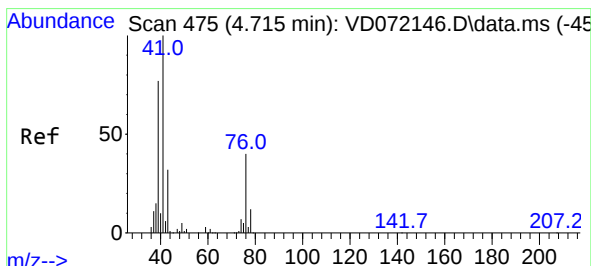
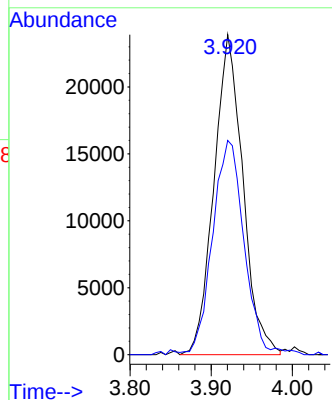
Tgt Ion: 56 Resp: 5917
Ion Ratio Lower Upper
56 100
55 73.0 57.1 85.7

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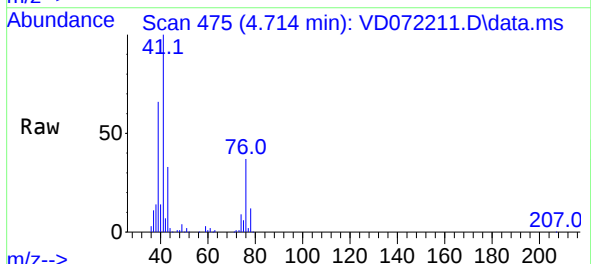
Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

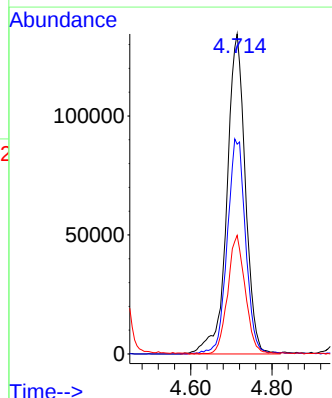
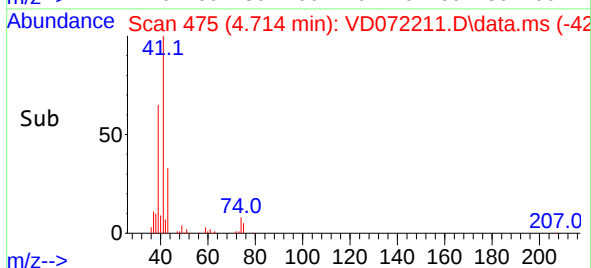
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#14
Allyl chloride
Concen: 53.553 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47



Tgt Ion: 41 Resp: 424891
Ion Ratio Lower Upper
41 100
39 66.7 59.3 88.9
76 35.3 25.7 38.5





#15
Acrylonitrile
Concen: 257.802 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

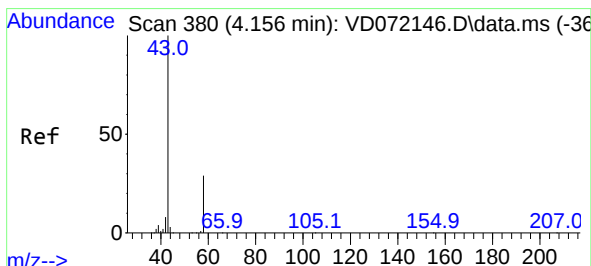
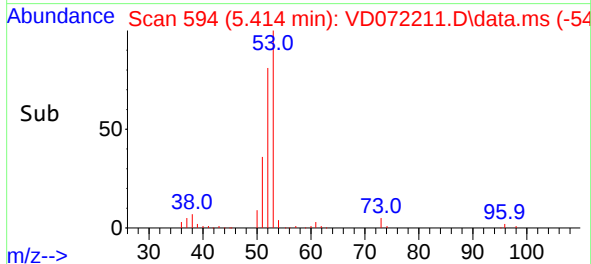
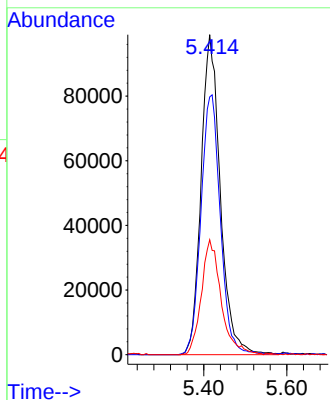
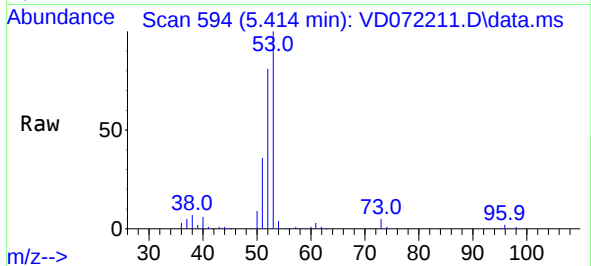
Tgt Ion: 53 Resp: 317814
Ion Ratio Lower Upper
53 100
52 82.1 67.2 100.8
51 36.9 30.3 45.5

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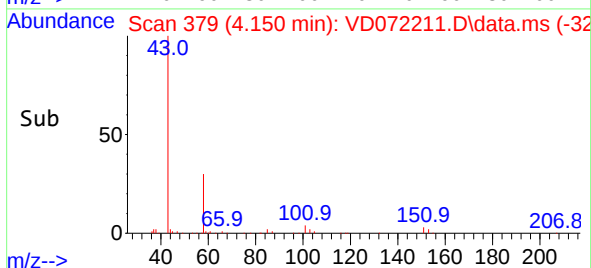
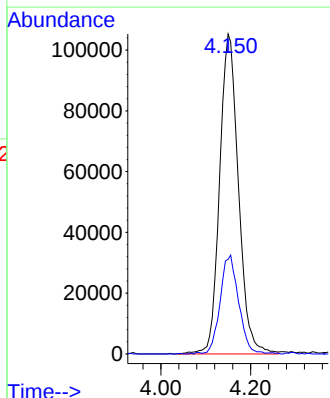
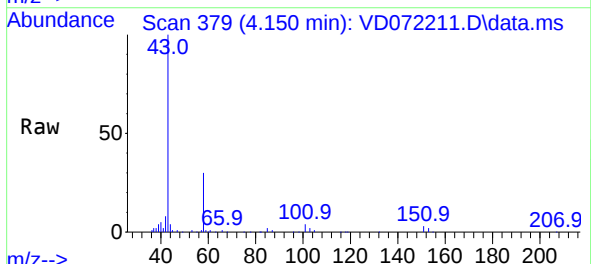
03/17/2022
Supervised By :Mahesh
Dadoda

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#16
Acetone
Concen: 257.607 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

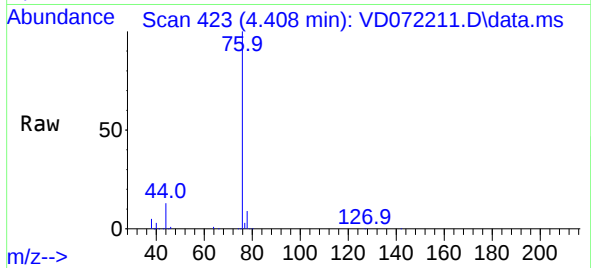
Tgt Ion: 43 Resp: 307765
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1





#17
Carbon Disulfide
Concen: 51.409 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



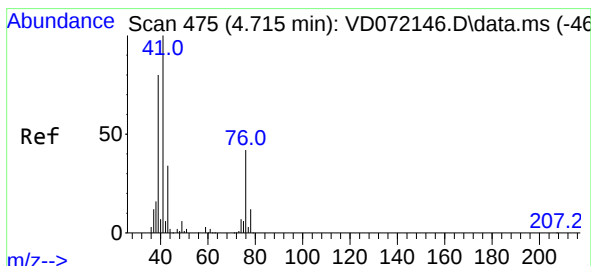
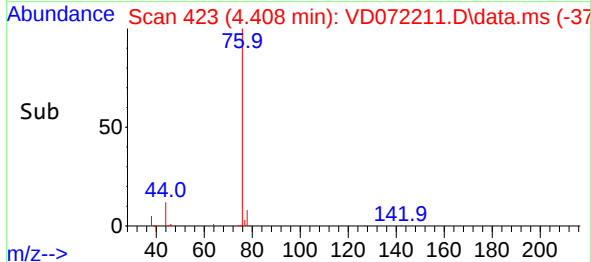
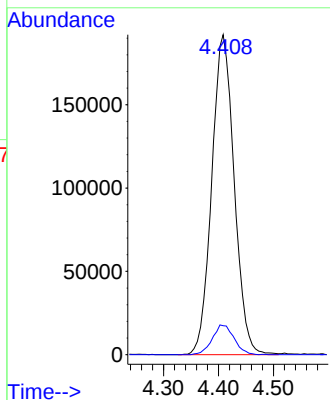
Tgt Ion: 76 Resp: 544554
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

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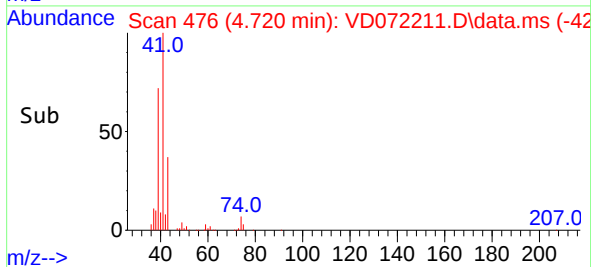
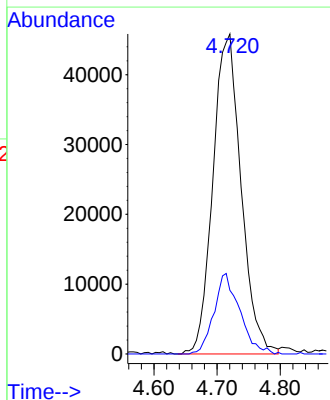
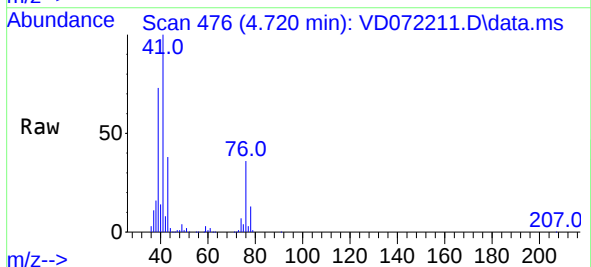
03/17/2022
Supervised By :Mahesh
Dadoda

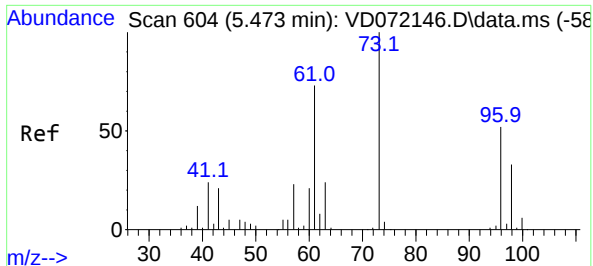
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#18
Methyl Acetate
Concen: 48.493 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 43 Resp: 141975
Ion Ratio Lower Upper
43 100
74 22.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 52.419 ug/l

RT: 5.473 min Scan# 604

Delta R.T. -0.000 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 646530

Ion Ratio Lower Upper

73 100

57 21.5 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John

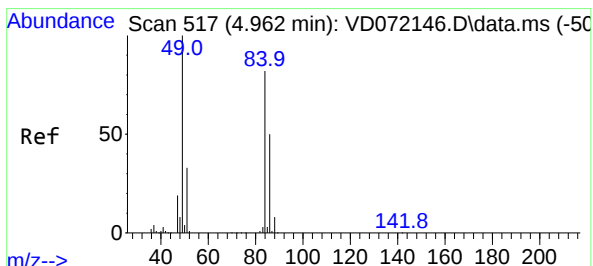
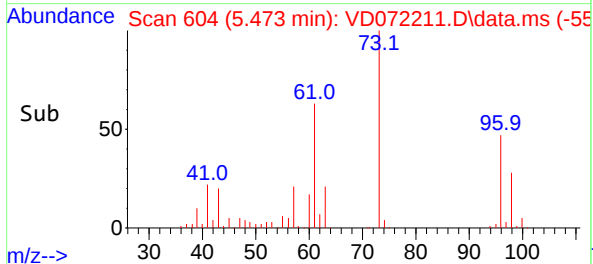
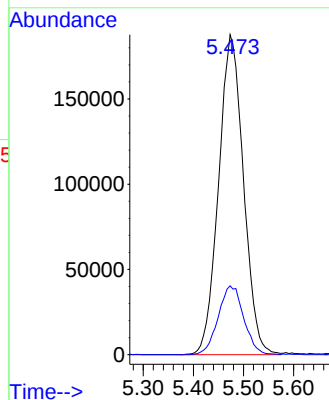
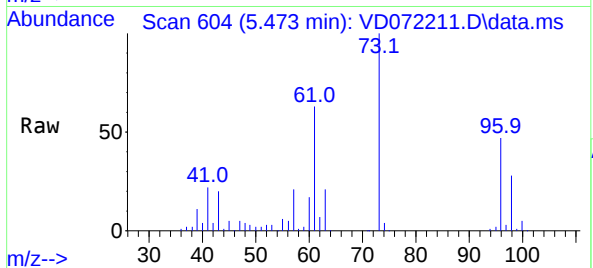
Carlone

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Supervised By :Mahesh

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#20

Methylene Chloride

Concen: 48.091 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

Tgt Ion: 84 Resp: 285823

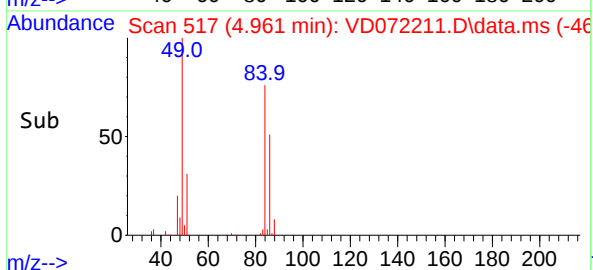
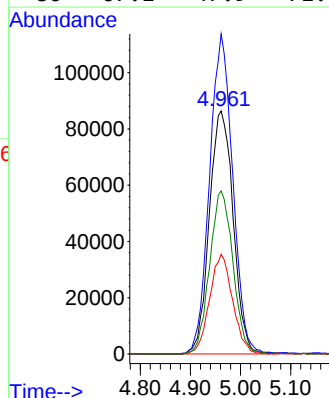
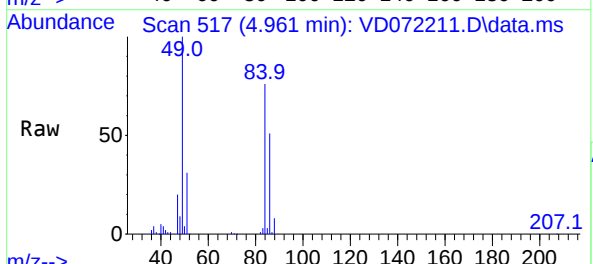
Ion Ratio Lower Upper

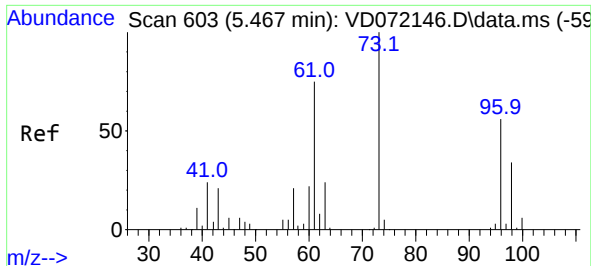
84 100

49 131.7 112.8 169.2

51 41.0 32.6 48.8

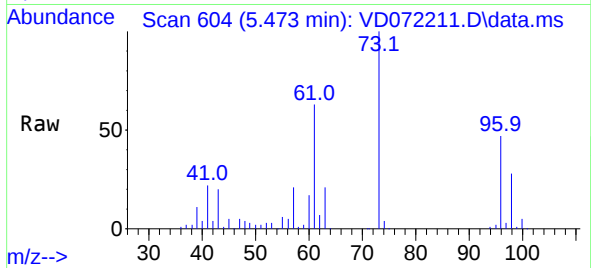
86 67.1 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 52.852 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



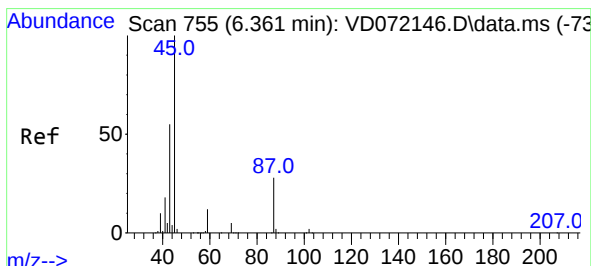
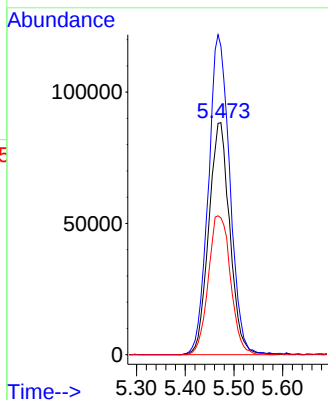
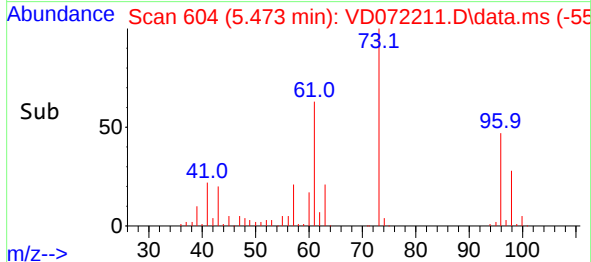
Tgt Ion: 96 Resp: 265273
Ion Ratio Lower Upper
96 100
61 132.9 117.9 176.9
98 59.0 49.4 74.2

Manual Integrations
APPROVED

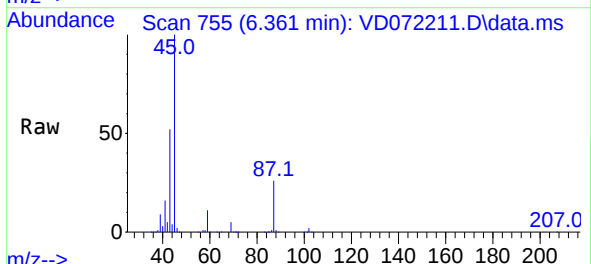
Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

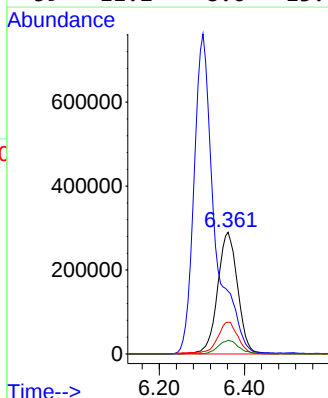
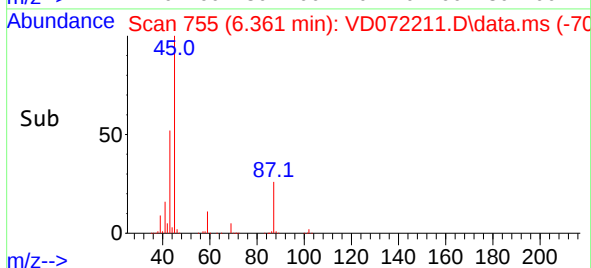
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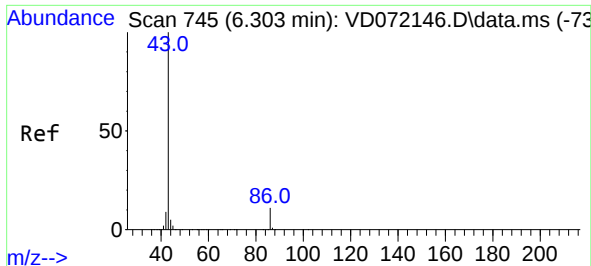


#22
Diisopropyl ether
Concen: 52.295 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47



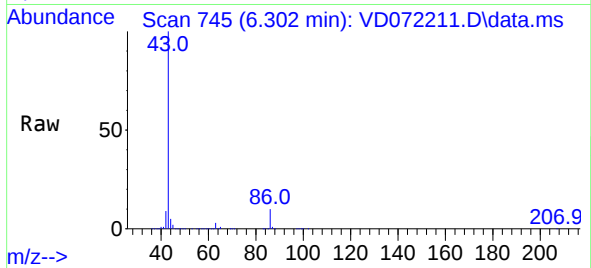
Tgt Ion: 45 Resp: 946382
Ion Ratio Lower Upper
45 100
43 50.7 46.6 70.0
87 26.0 18.4 27.6
59 11.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 277.664 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072211.D
 Acq: 16 Mar 2022 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



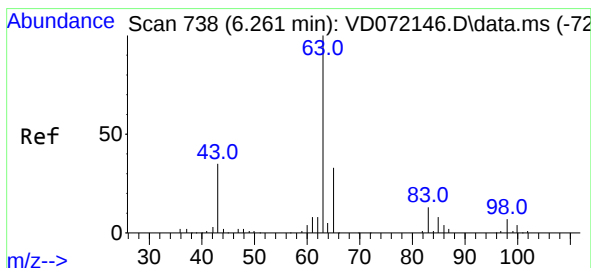
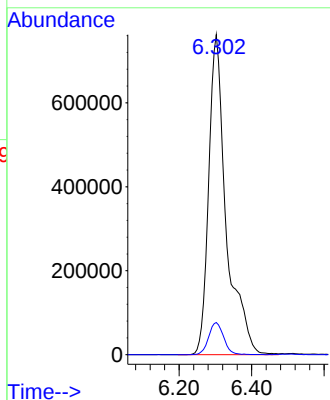
Tgt Ion: 43 Resp: 256444
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7

Manual Integrations
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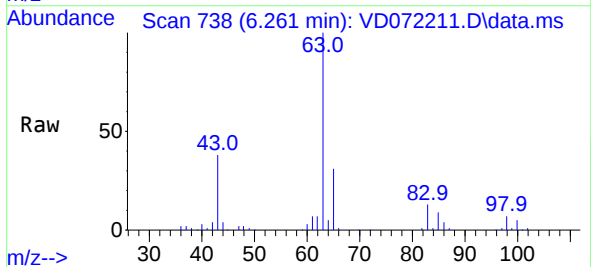
Reviewed By :John
 Carlone

03/17/2022
 Supervised By :Mahesh
 Dadoda

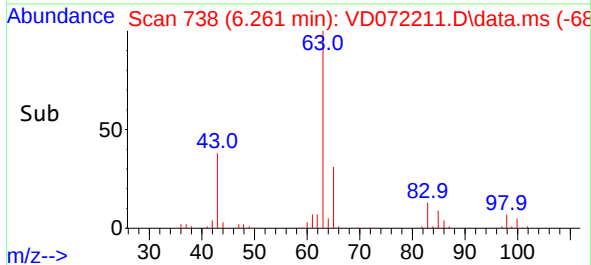
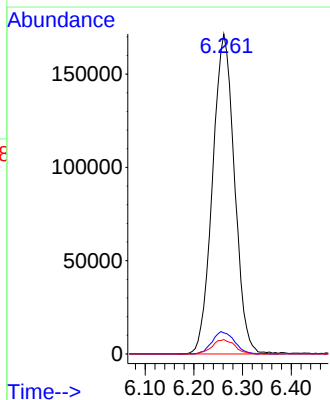
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#24
 1,1-Dichloroethane
 Concen: 50.338 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072211.D
 Acq: 16 Mar 2022 11:47



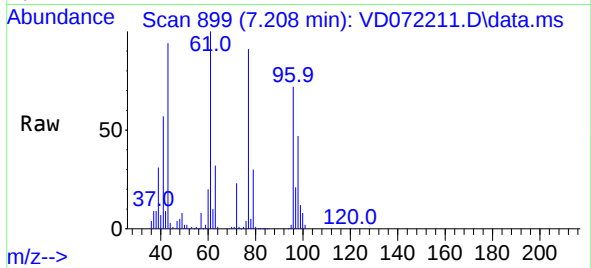
Tgt Ion: 63 Resp: 537242
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 267.038 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



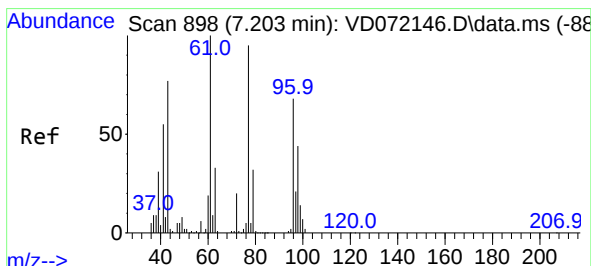
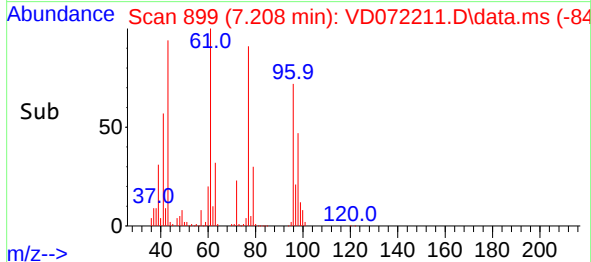
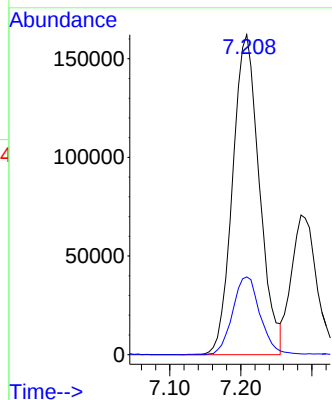
Tgt Ion: 43 Resp: 42537
Ion Ratio Lower Upper
43 100
72 24.3 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

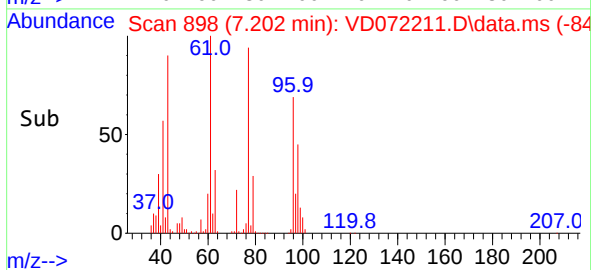
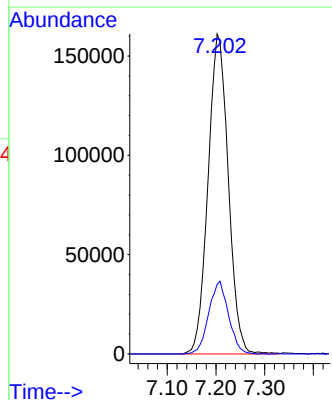
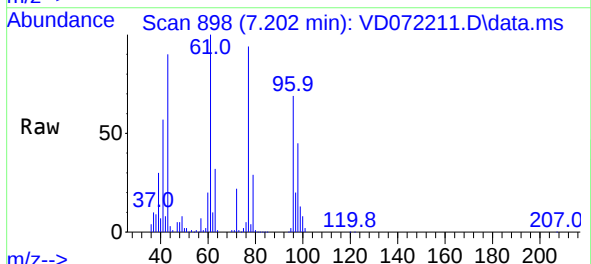
03/17/2022
Supervised By :Mahesh
Dadoda

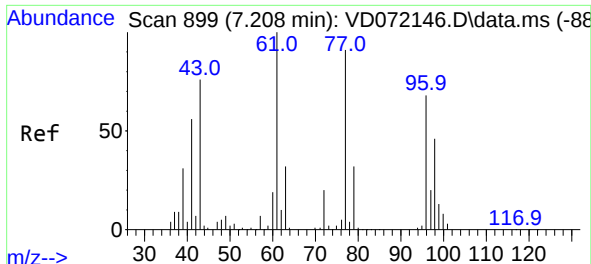
03/17/2022



#26
2,2-Dichloropropane
Concen: 48.247 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 77 Resp: 464606
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 50.585 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

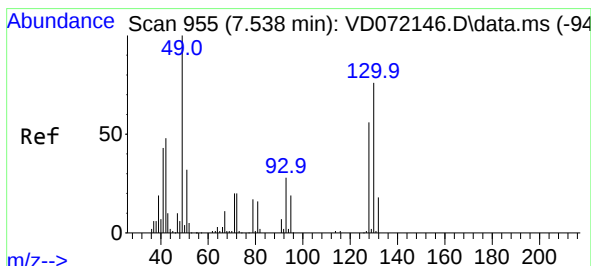
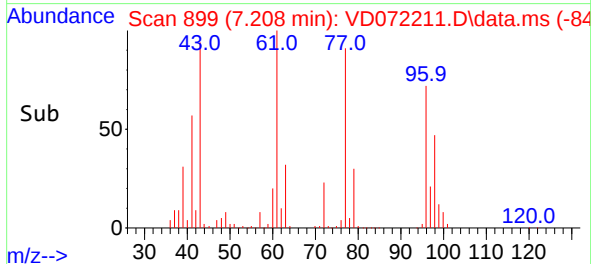
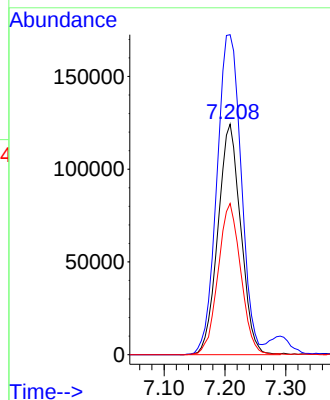
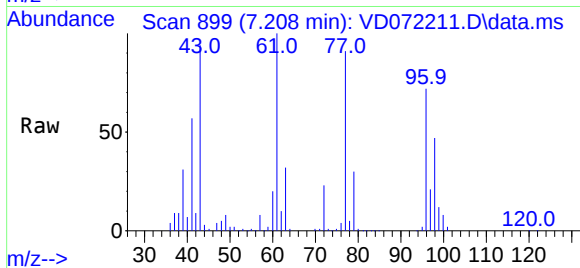
Tgt Ion: 96 Resp: 32414
Ion Ratio Lower Upper
96 100
61 148.0 0.0 313.8
98 65.2 0.0 128.8

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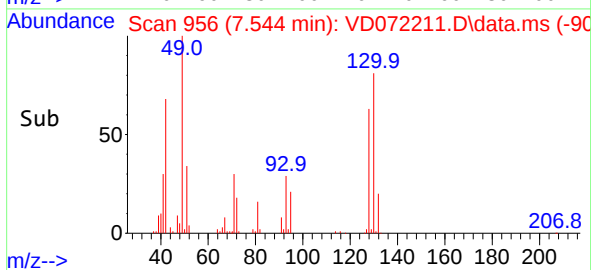
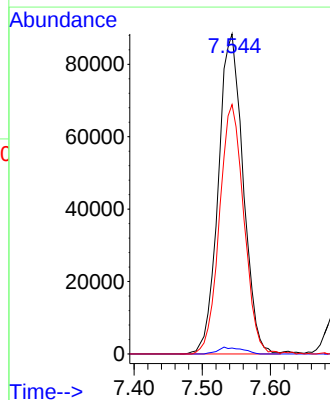
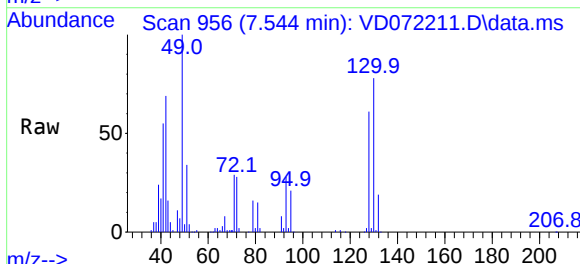
03/17/2022
Supervised By :Mahesh
Dadoda

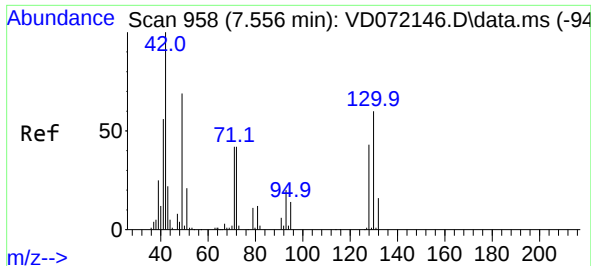
03/17/2022



#28
Bromochloromethane
Concen: 52.102 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 49 Resp: 223864
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 76.7 52.6 79.0





#29
Tetrahydrofuran
Concen: 267.715 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

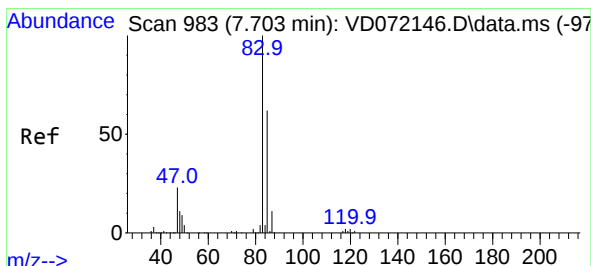
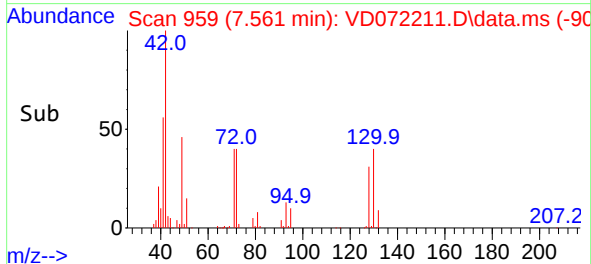
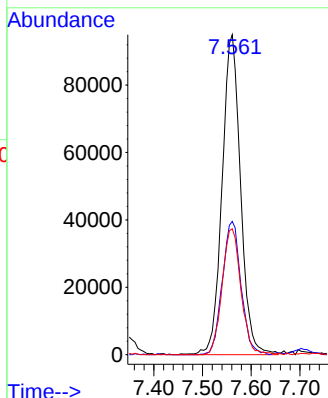
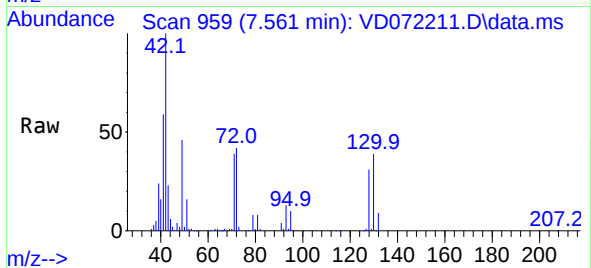
Tgt Ion: 42 Resp: 25075
Ion Ratio Lower Upper
42 100
72 42.1 30.7 46.1
71 40.1 28.6 43.0

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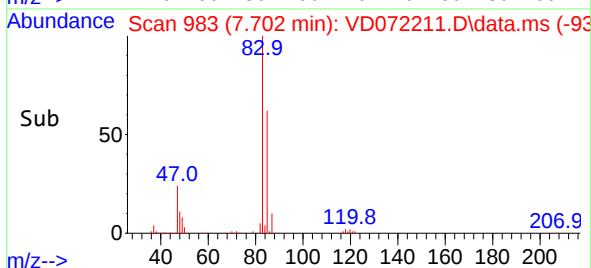
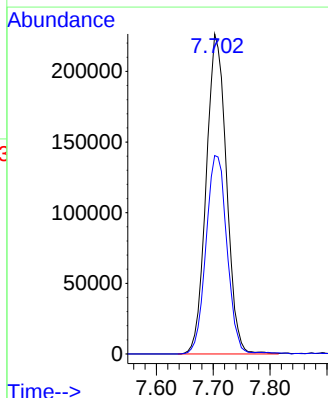
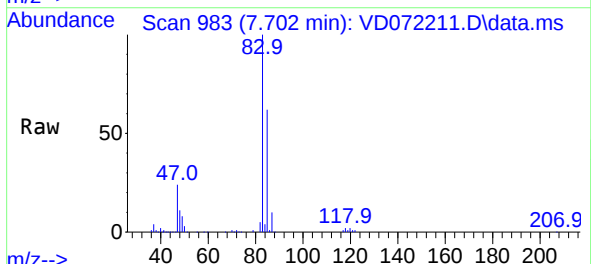
03/17/2022
Supervised By :Mahesh
Dadoda

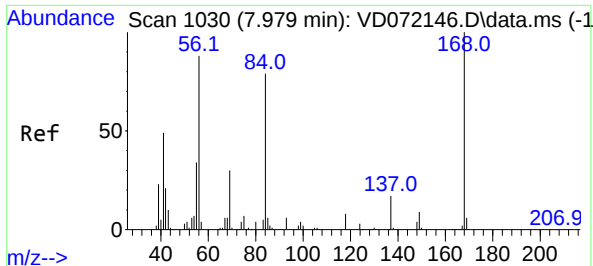
03/17/2022



#30
Chloroform
Concen: 49.146 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 83 Resp: 558795
Ion Ratio Lower Upper
83 100
85 62.0 52.7 79.1





#31

Cyclohexane

Concen: 52.271 ug/l

RT: 7.985 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 44936

Ion Ratio Lower Upper

56 100

69 33.5 25.4 38.2

84 85.7 63.0 94.4

Manual Integrations

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Reviewed By :John

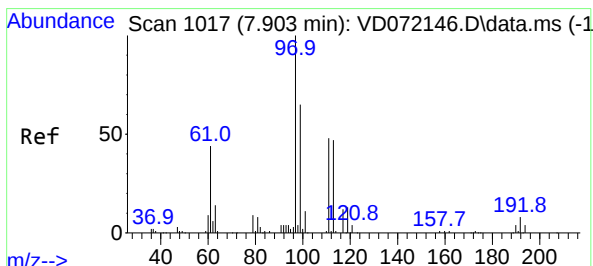
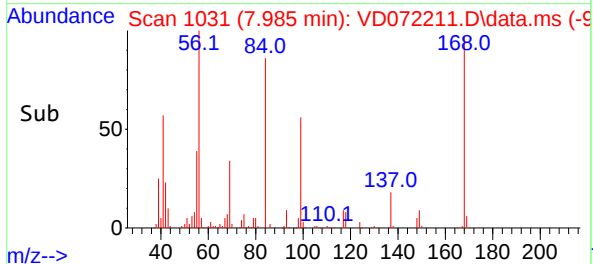
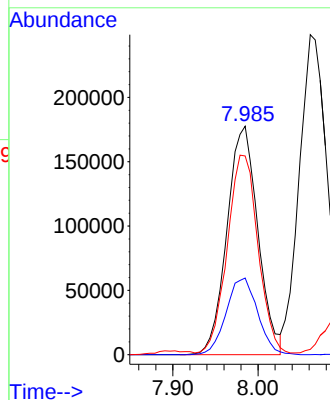
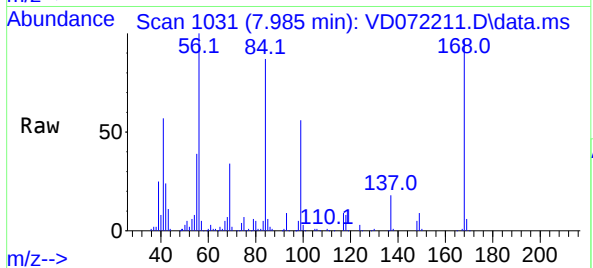
Carlone

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Supervised By :Mahesh

Dadoda

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#32

1,1,1-Trichloroethane

Concen: 48.520 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

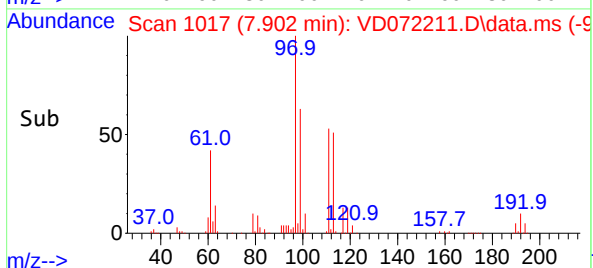
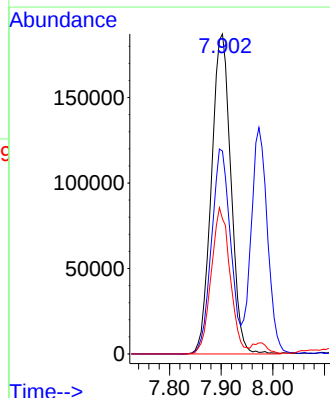
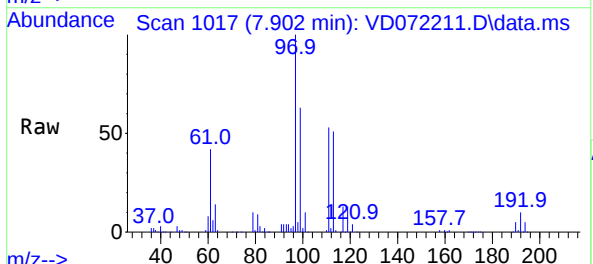
Tgt Ion: 97 Resp: 489972

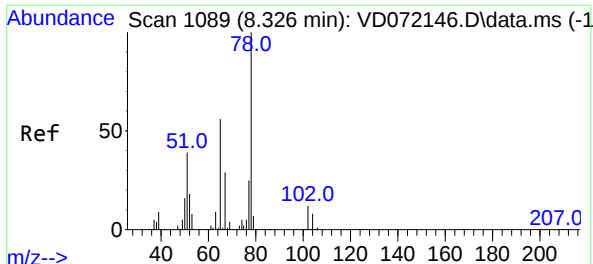
Ion Ratio Lower Upper

97 100

99 62.5 52.4 78.6

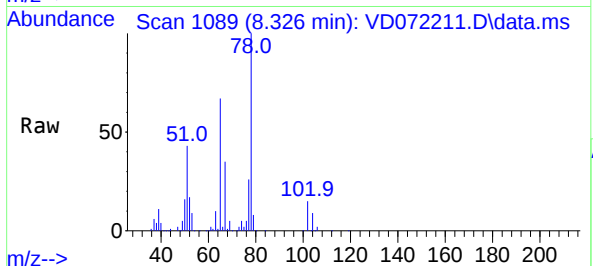
61 44.4 38.0 57.0





#33
1,2-Dichloroethane-d4
Concen: 47.281 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



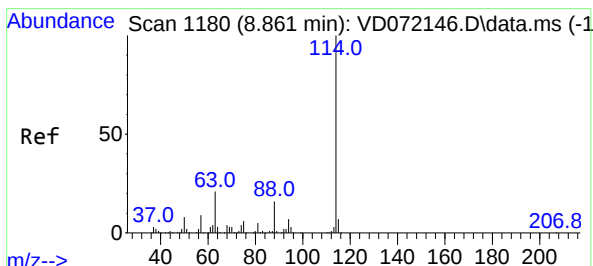
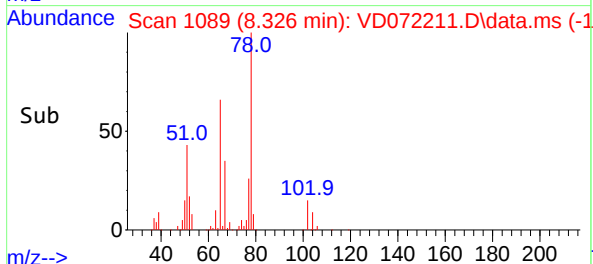
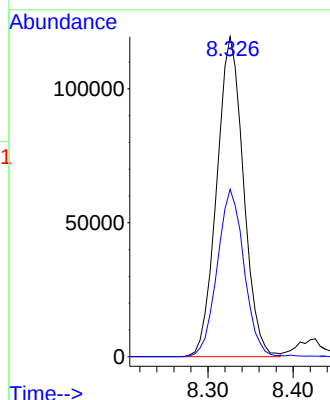
Tgt Ion: 65 Resp: 26016
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4

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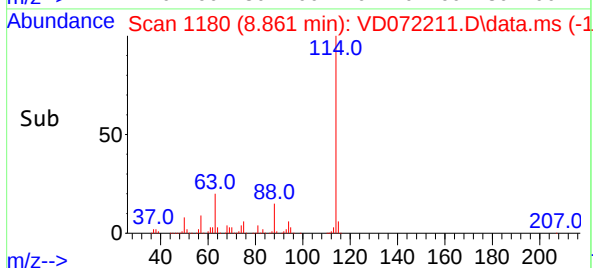
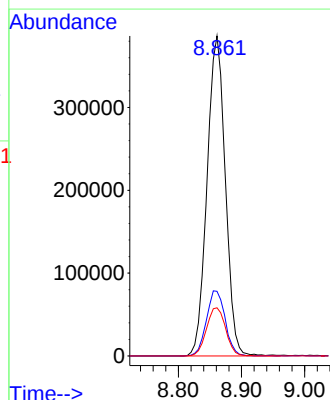
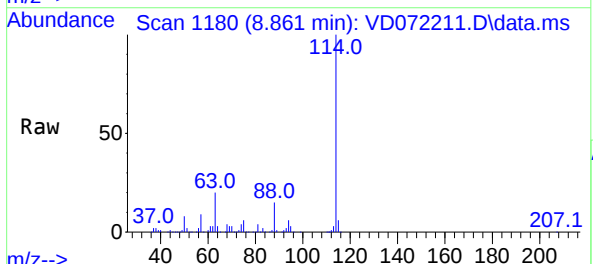
03/17/2022
Supervised By :Mahesh
Dadoda

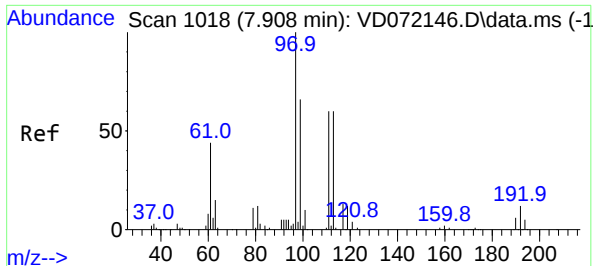
03/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

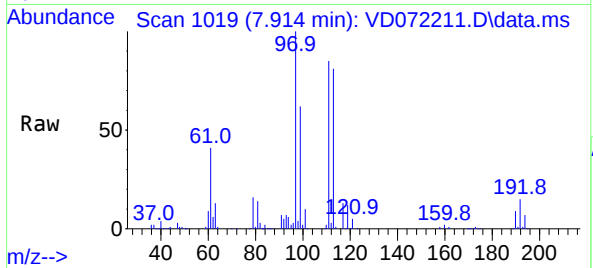
Tgt Ion:114 Resp: 777774
Ion Ratio Lower Upper
114 100
63 20.2 0.0 46.6
88 15.0 0.0 33.2





#35
Dibromofluoromethane
Concen: 48.414 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



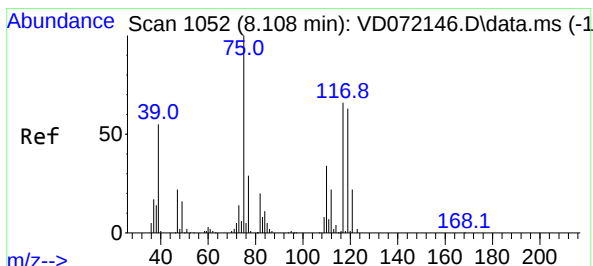
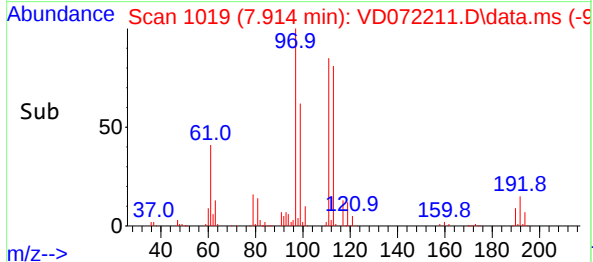
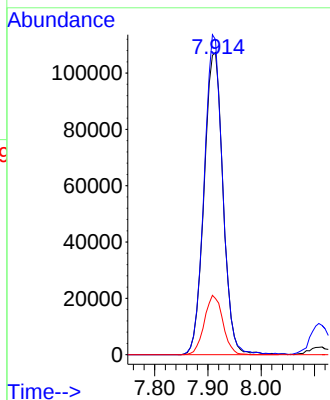
Tgt Ion:113 Resp: 264980
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 19.2 14.6 21.8

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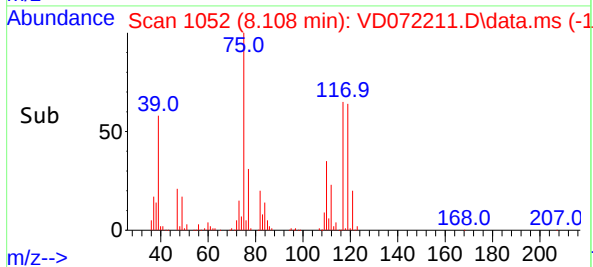
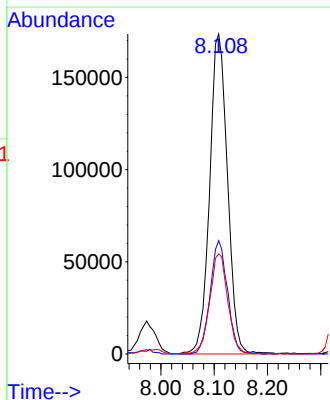
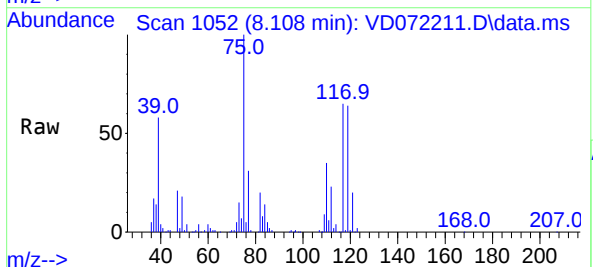
03/17/2022
Supervised By :Mahesh
Dadoda

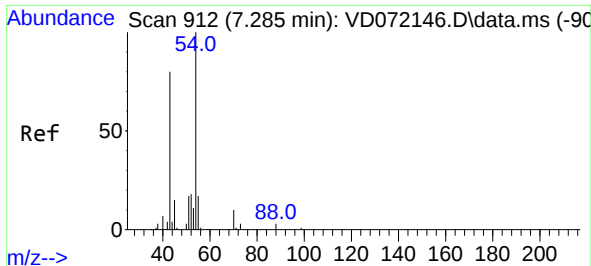
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#36
1,1-Dichloropropene
Concen: 52.635 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 75 Resp: 404143
Ion Ratio Lower Upper
75 100
110 34.4 16.4 49.1
77 31.7 24.2 36.2





#37

Ethyl Acetate

Concen: 53.661 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 18048

Ion	Ratio	Lower	Upper
43	100		
61	13.1	9.8	14.8
70	10.5	6.9	10.3

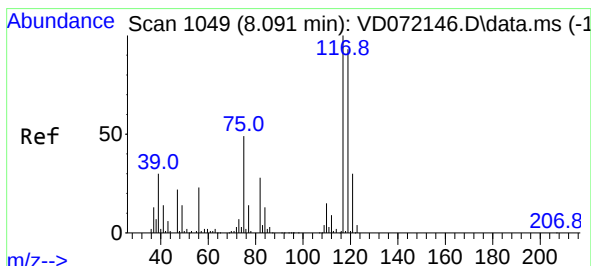
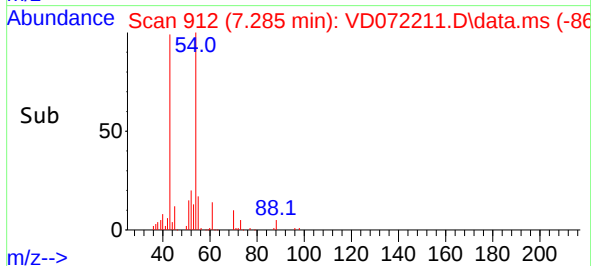
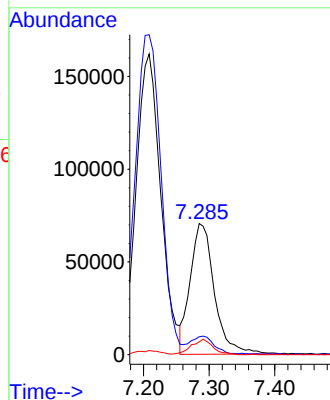
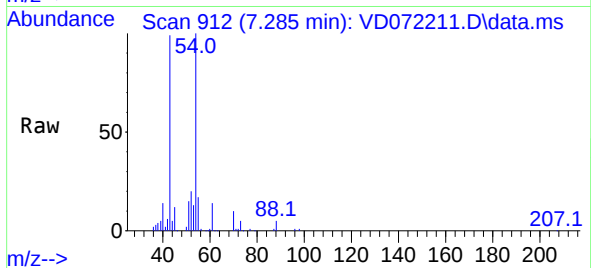
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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#38

Carbon Tetrachloride

Concen: 48.280 ug/l

RT: 8.091 min Scan# 1049

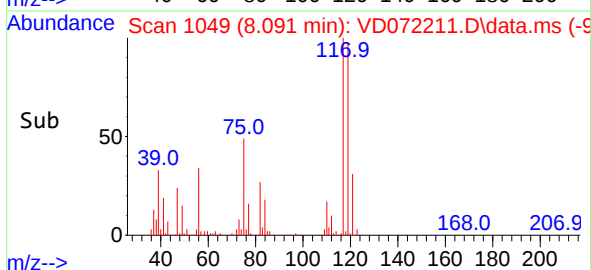
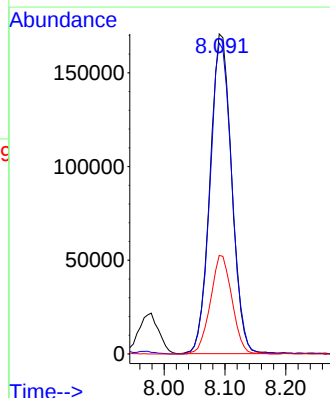
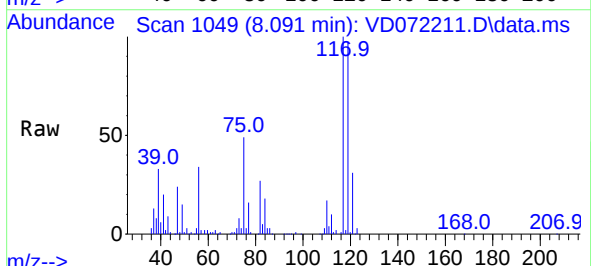
Delta R.T. -0.000 min

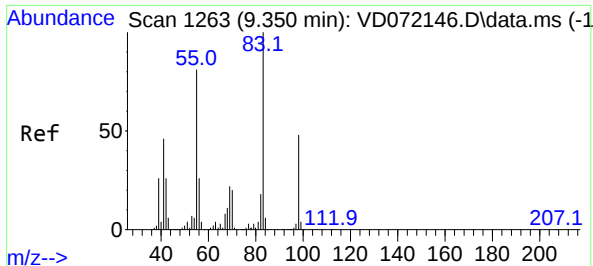
Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

Tgt Ion: 117 Resp: 421388

Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.6
121	30.9	24.5	36.7





#39

Methylcyclohexane

Concen: 54.410 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072211.D

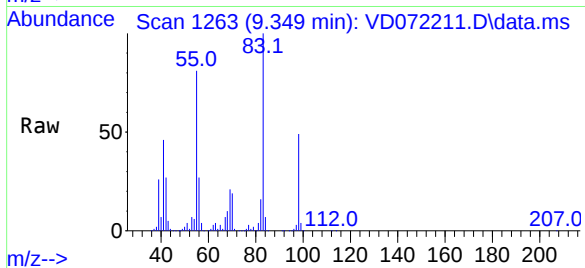
Acq: 16 Mar 2022 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 470120

Ion	Ratio	Lower	Upper
83	100		
55	80.7	63.2	94.8
98	48.9	38.2	57.4

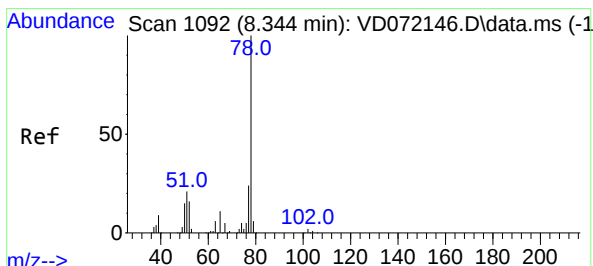
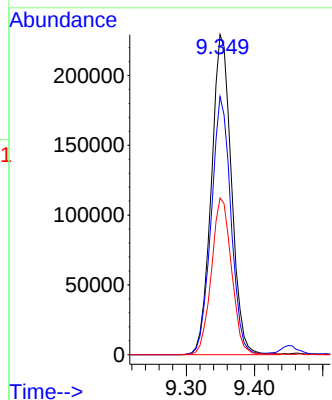
Manual Integrations
APPROVED

Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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#40

Benzene

Concen: 51.565 ug/l

RT: 8.349 min Scan# 1093

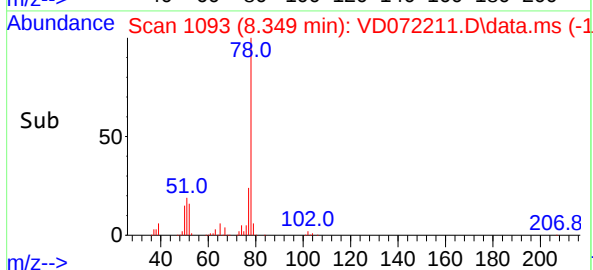
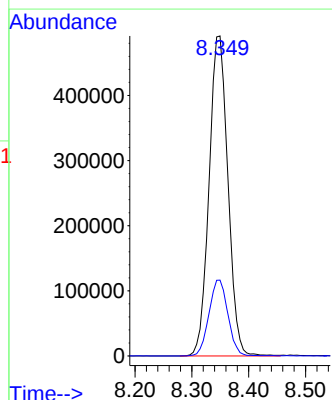
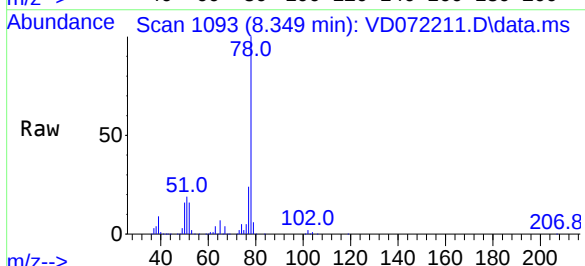
Delta R.T. 0.006 min

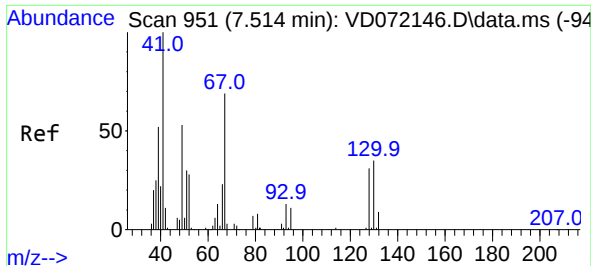
Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

Tgt Ion: 78 Resp: 1129543

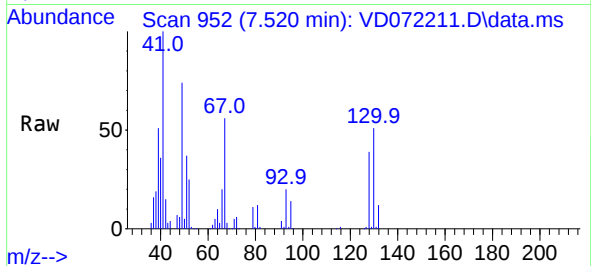
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





#41
Methacrylonitrile
Concen: 63.419 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



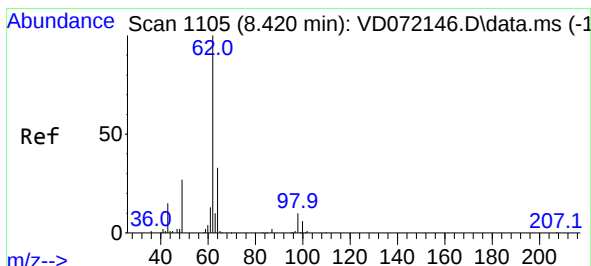
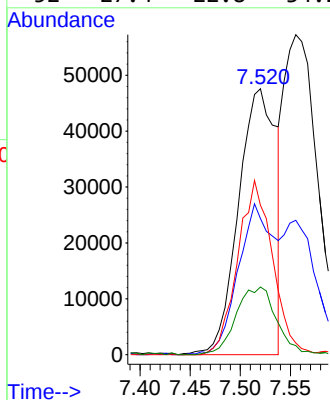
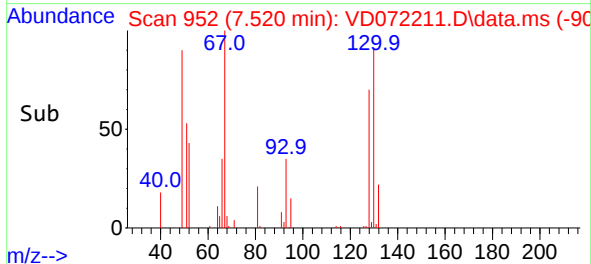
Tgt Ion: 41 Resp: 12432
Ion Ratio Lower Upper
41 100
39 54.0 44.6 67.0
67 60.6 48.2 72.4
52 27.4 22.8 34.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

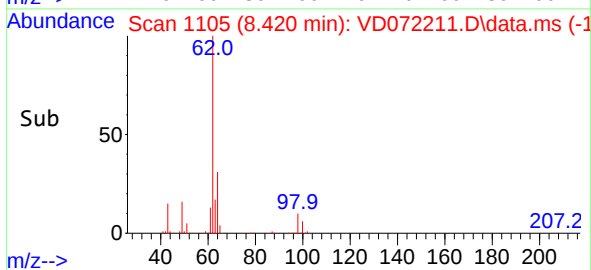
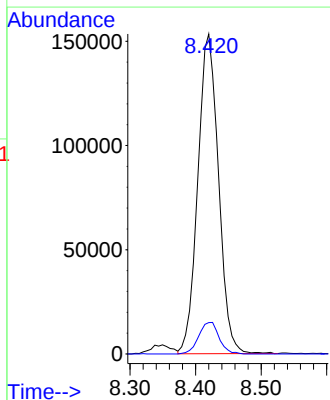
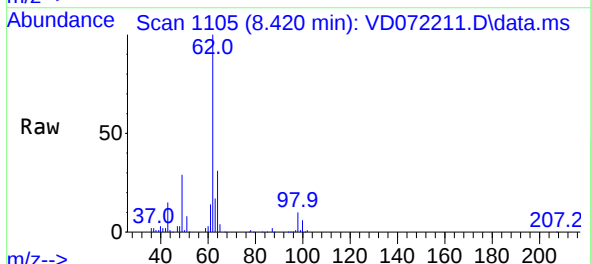
03/17/2022
Supervised By :Mahesh
Dadoda

03/17/2022



#42
1,2-Dichloroethane
Concen: 50.687 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

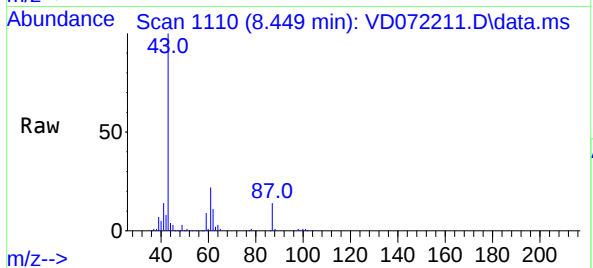
Tgt Ion: 62 Resp: 336811
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.679 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



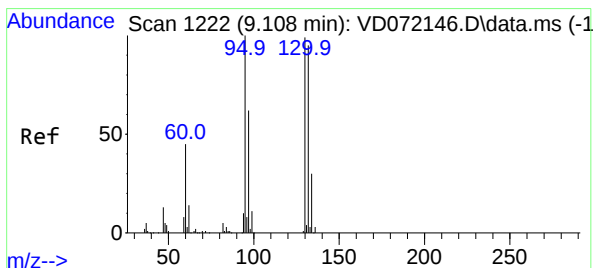
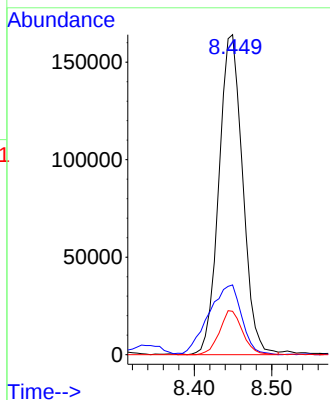
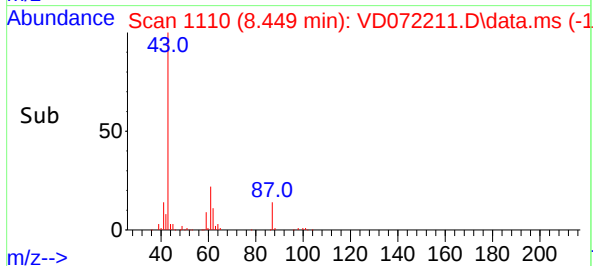
Tgt Ion: 43 Resp: 350420
Ion Ratio Lower Upper
43 100
61 30.3 22.4 33.6
87 13.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

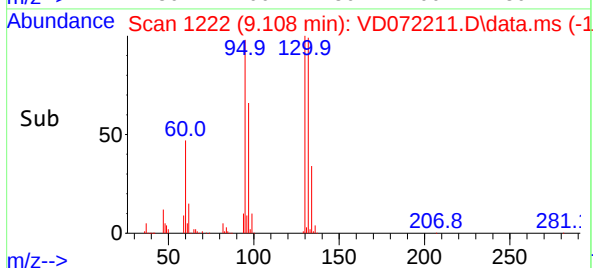
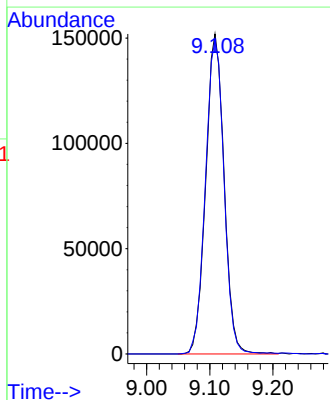
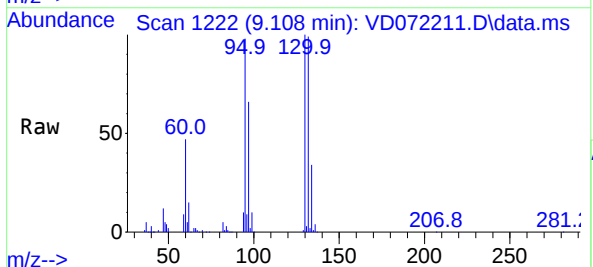
03/17/2022
Supervised By :Mahesh
Dadoda

03/17/2022



#44
Trichloroethene
Concen: 49.866 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

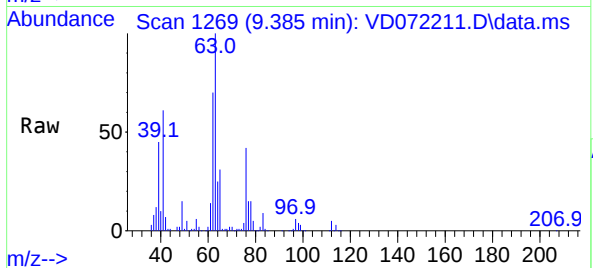
Tgt Ion:130 Resp: 306651
Ion Ratio Lower Upper
130 100
95 98.3 0.0 205.4





#45
1,2-Dichloropropane
Concen: 50.070 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



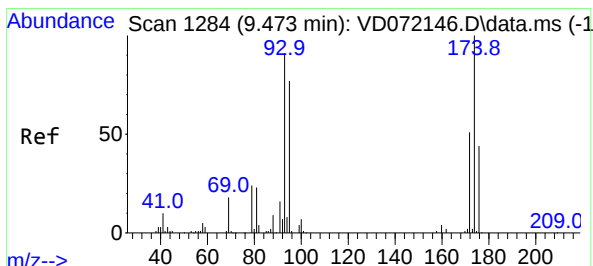
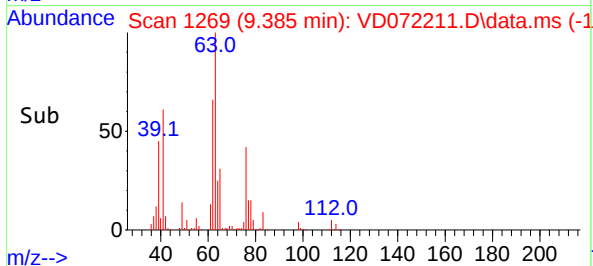
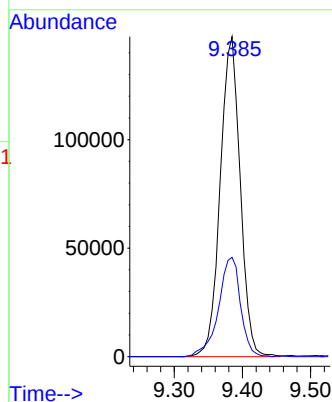
Tgt Ion: 63 Resp: 300798
Ion Ratio Lower Upper
63 100
65 31.0 26.2 39.4

Manual Integrations
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Reviewed By :John
Carlone

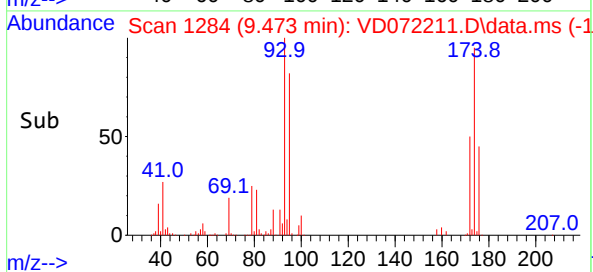
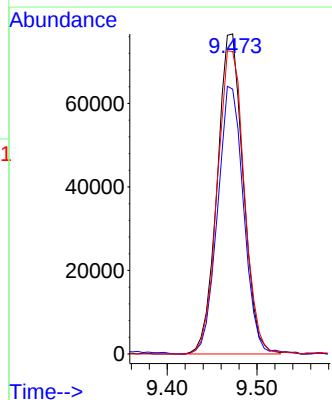
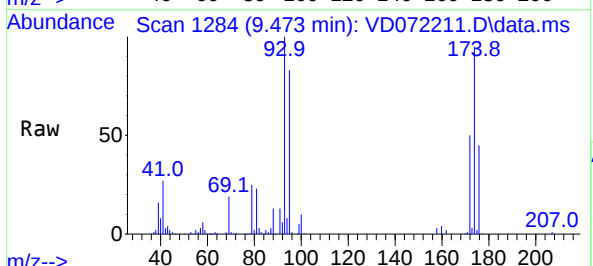
03/17/2022
Supervised By :Mahesh
Dadoda

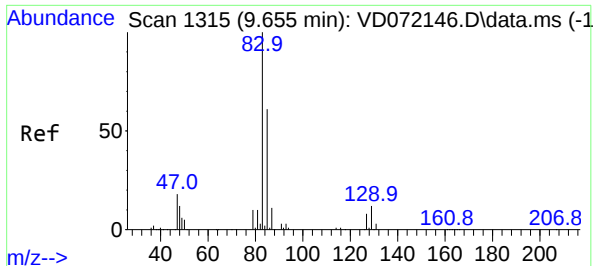
03/17/2022



#46
Dibromomethane
Concen: 52.332 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

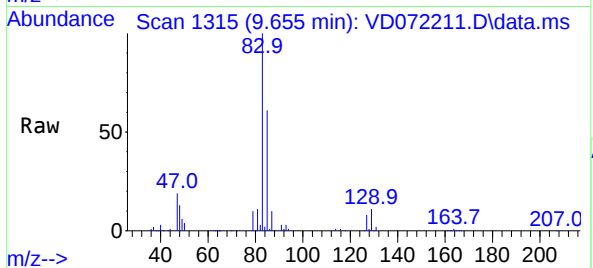
Tgt Ion: 93 Resp: 154650
Ion Ratio Lower Upper
93 100
95 83.6 66.7 100.1
174 98.0 71.6 107.4





#47
Bromodichloromethane
Concen: 49.882 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



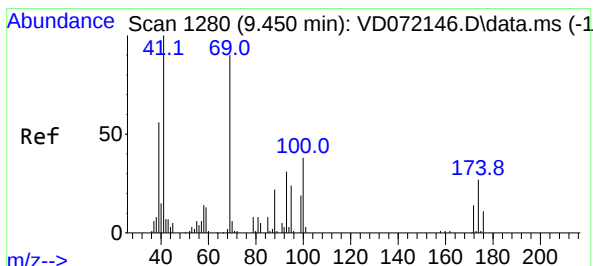
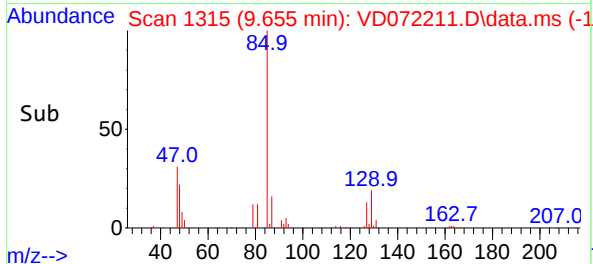
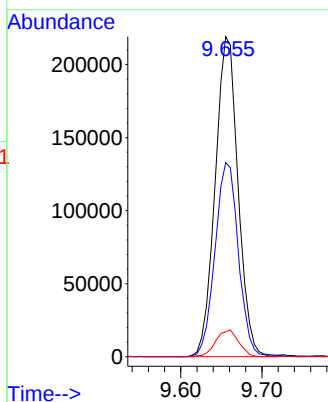
Tgt Ion: 83 Resp: 429733
Ion Ratio Lower Upper
83 100
85 60.6 51.4 77.0
127 7.8 6.1 9.1

Manual Integrations
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Reviewed By :John
Carlone

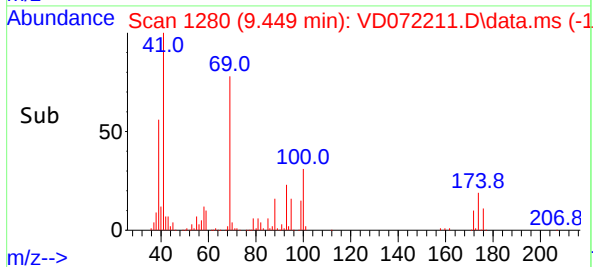
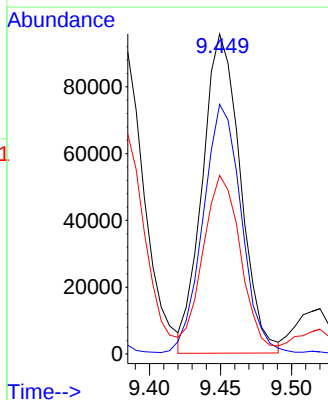
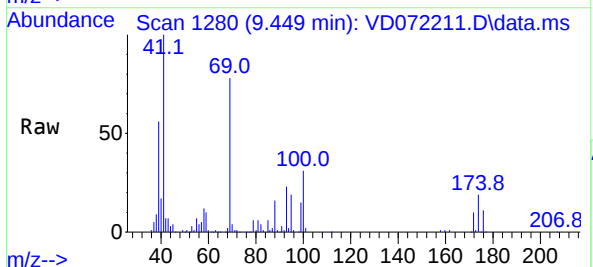
03/17/2022
Supervised By :Mahesh
Dadoda

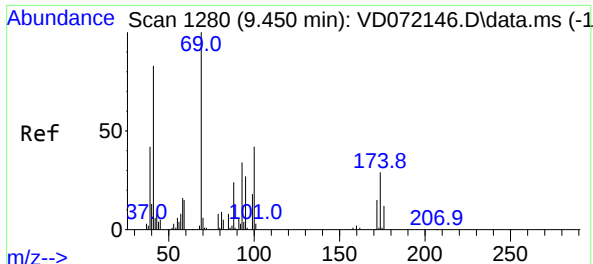
03/17/2022



#48
Methyl methacrylate
Concen: 57.035 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 41 Resp: 177787
Ion Ratio Lower Upper
41 100
69 78.3 56.7 85.1
39 56.0 42.7 64.1





#49
1,4-Dioxane
Concen: 1053.863 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

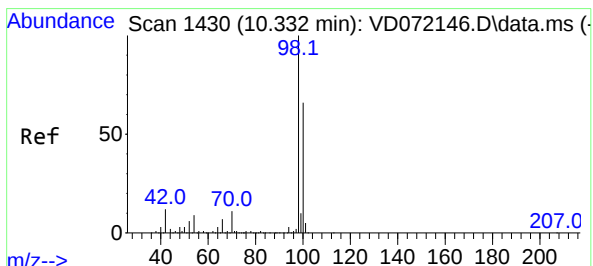
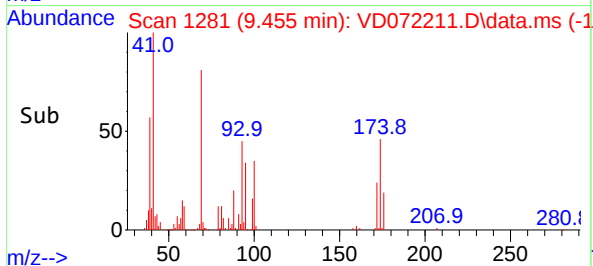
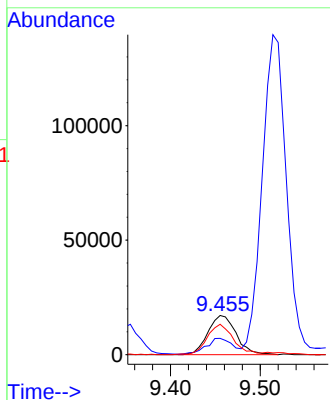
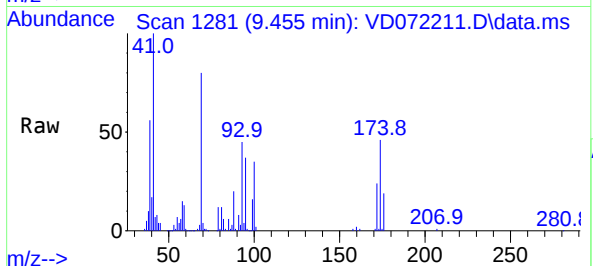
Tgt Ion: 88 Resp: 37340
Ion Ratio Lower Upper
88 100
43 38.1 31.0 46.4
58 72.6 58.1 87.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

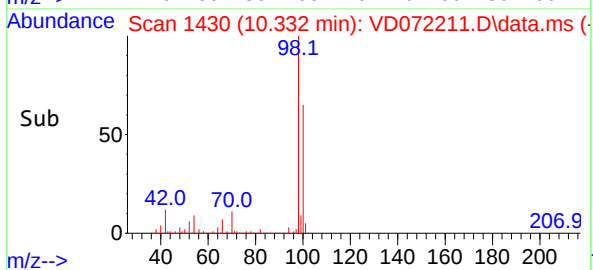
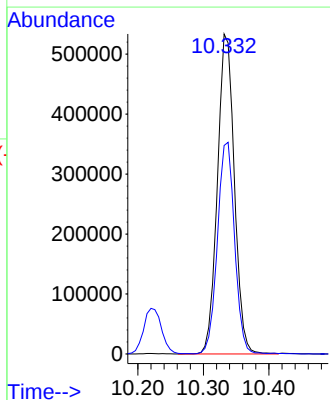
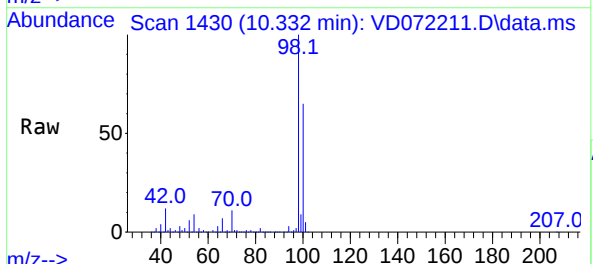
03/17/2022
Supervised By :Mahesh
Dadoda

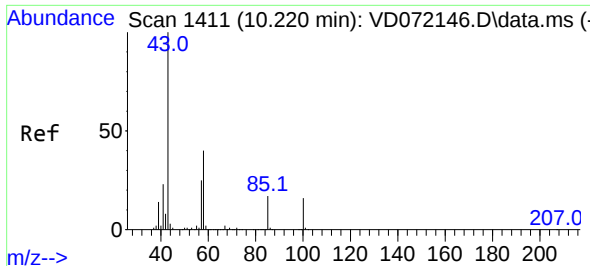
03/17/2022



#50
Toluene-d8
Concen: 47.771 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

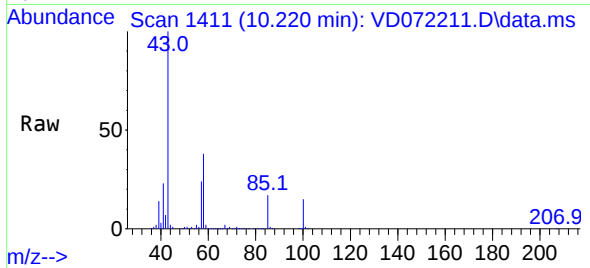
Tgt Ion: 98 Resp: 956044
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 269.492 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



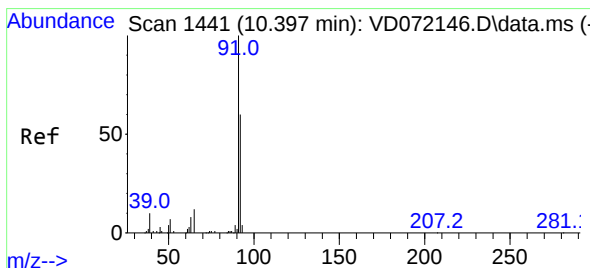
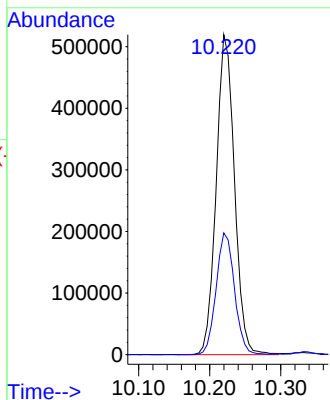
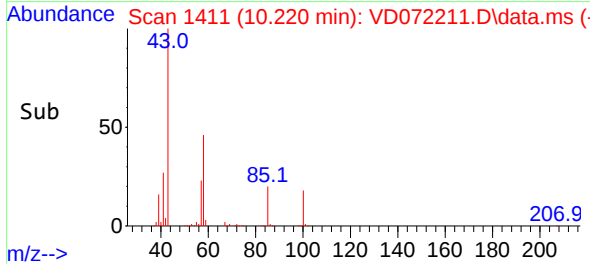
Tgt Ion: 43 Resp: 924023
Ion Ratio Lower Upper
43 100
58 38.3 28.6 43.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

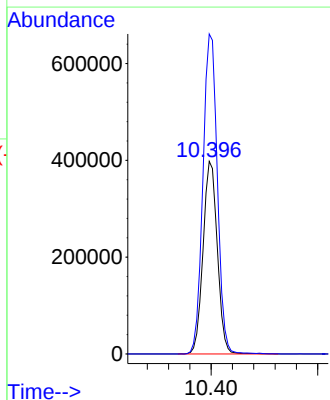
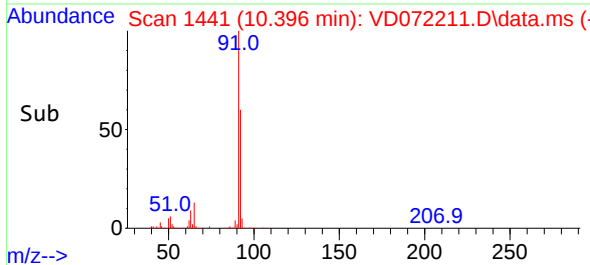
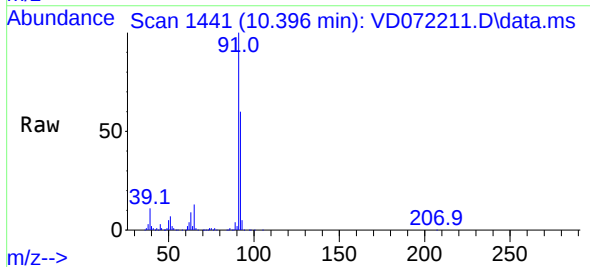
03/17/2022
Supervised By :Mahesh
Dadoda

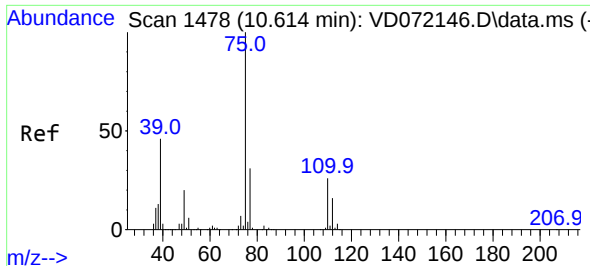
03/17/2022



#52
Toluene
Concen: 51.184 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

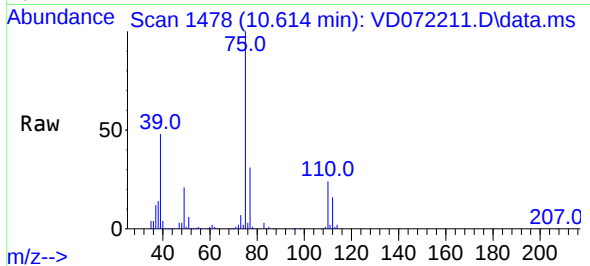
Tgt Ion: 92 Resp: 737775
Ion Ratio Lower Upper
92 100
91 168.4 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 50.096 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



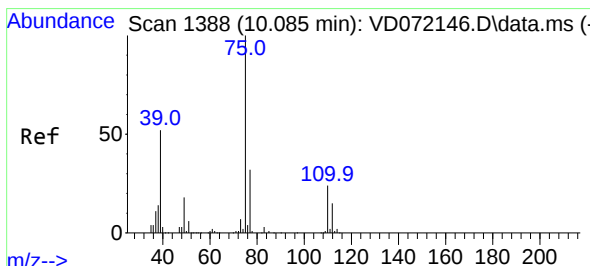
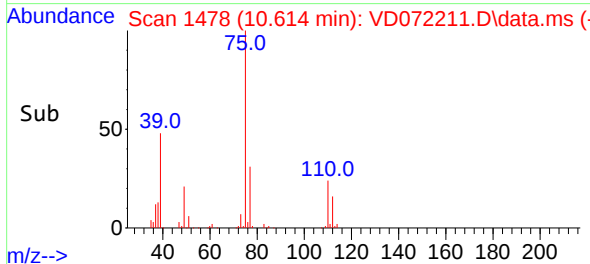
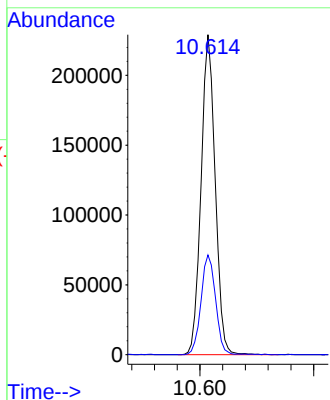
Tgt Ion: 75 Resp: 394300
Ion Ratio Lower Upper
75 100
77 31.2 24.5 36.7

Manual Integrations
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Reviewed By :John
Carlone

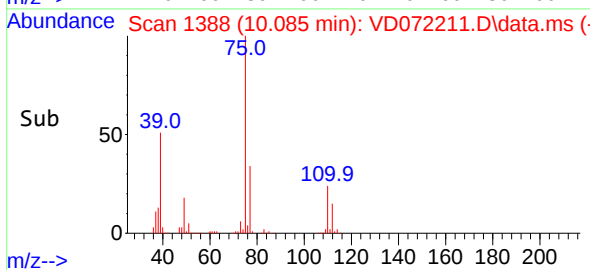
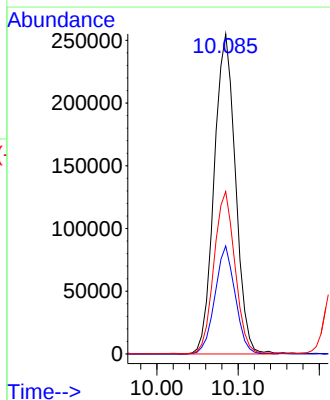
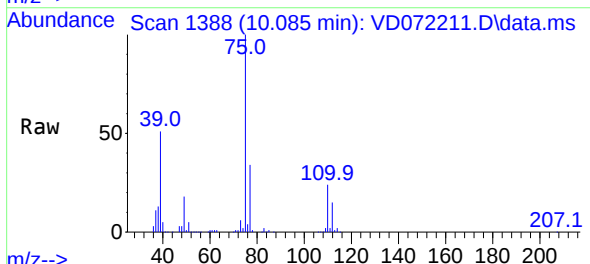
03/17/2022
Supervised By :Mahesh
Dadoda

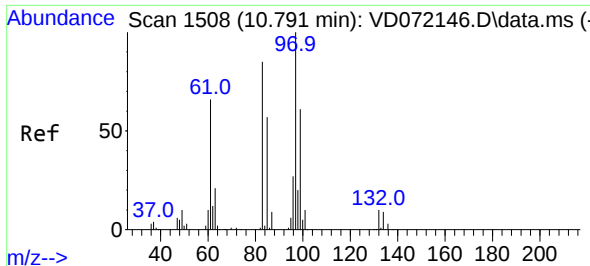
03/17/2022



#54
cis-1,3-Dichloropropene
Concen: 51.157 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

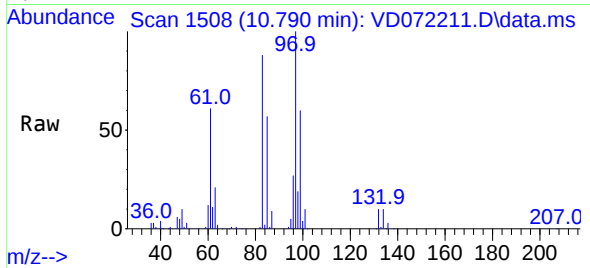
Tgt Ion: 75 Resp: 465474
Ion Ratio Lower Upper
75 100
77 33.7 24.8 37.2
39 50.6 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 49.630 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



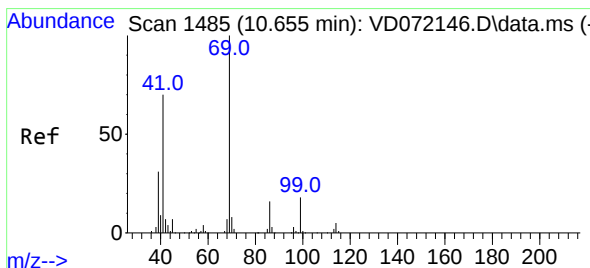
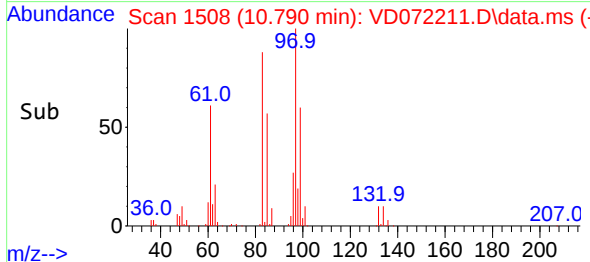
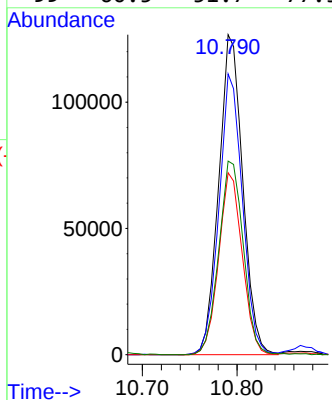
Tgt Ion: 97 Resp: 223418
Ion Ratio Lower Upper
97 100
83 87.8 69.0 103.4
85 56.8 42.6 63.8
99 60.5 51.7 77.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

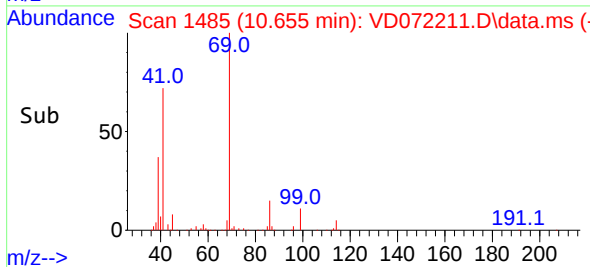
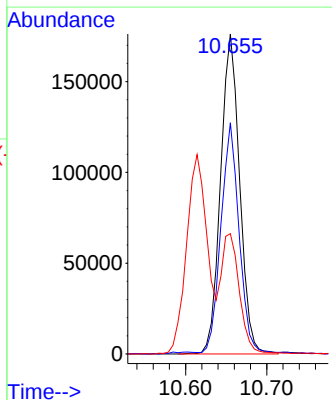
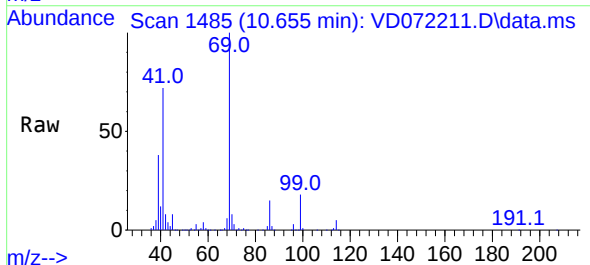
03/17/2022
Supervised By :Mahesh
Dadoda

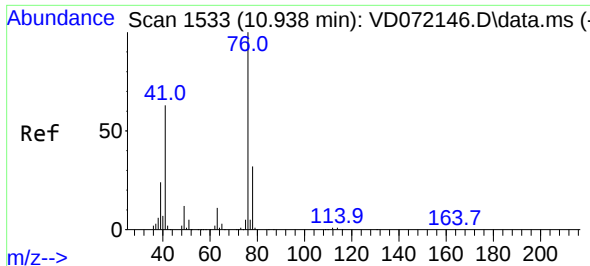
03/17/2022



#56
Ethyl methacrylate
Concen: 54.598 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 69 Resp: 287887
Ion Ratio Lower Upper
69 100
41 68.6 63.0 94.6
39 35.4 33.8 50.8





#57

1,3-Dichloropropane

Concen: 51.797 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072211.D

Acq: 16 Mar 2022 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 391340

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0

Manual Integrations

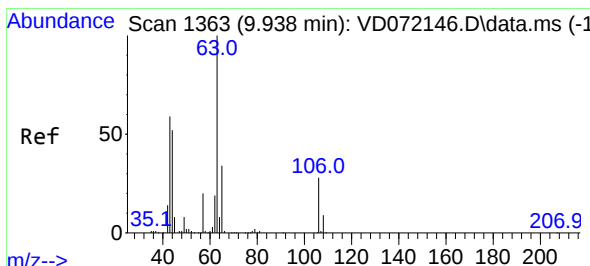
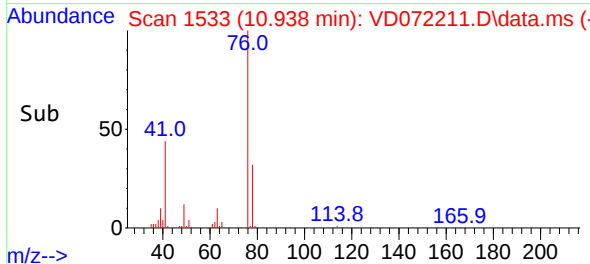
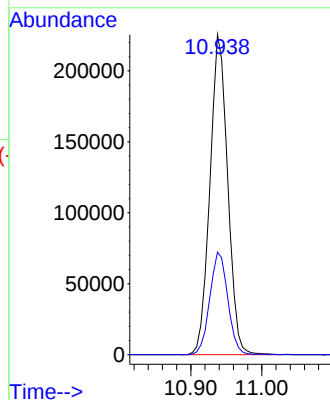
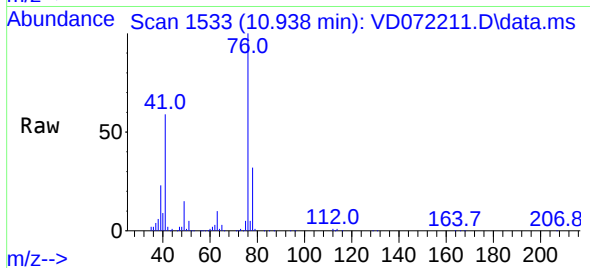
APPROVED

Reviewed By :John
Carlone

03/17/2022

Supervised By :Mahesh
Dadoda

03/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 267.169 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072211.D

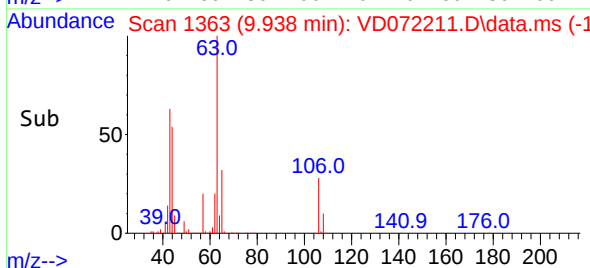
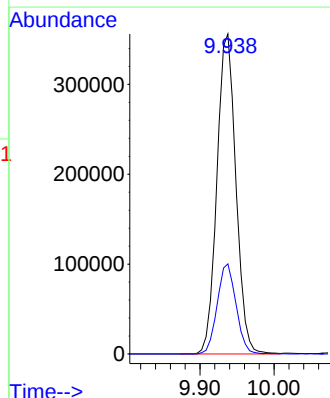
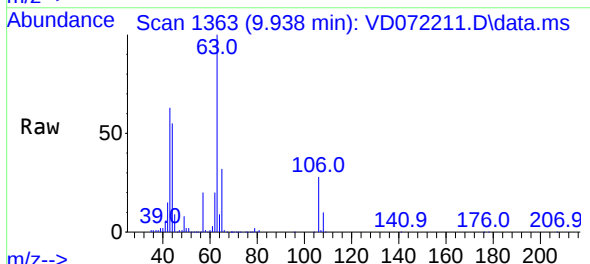
Acq: 16 Mar 2022 11:47

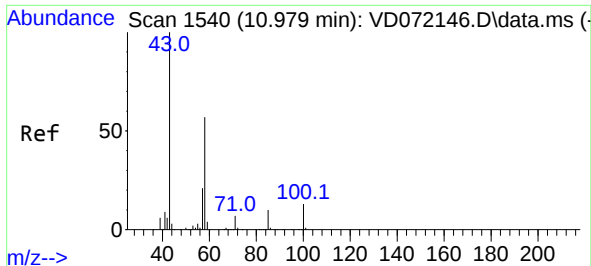
Tgt Ion: 63 Resp: 633407

Ion Ratio Lower Upper

63 100

106 27.9 21.4 32.0





#59
2-Hexanone
Concen: 280.421 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

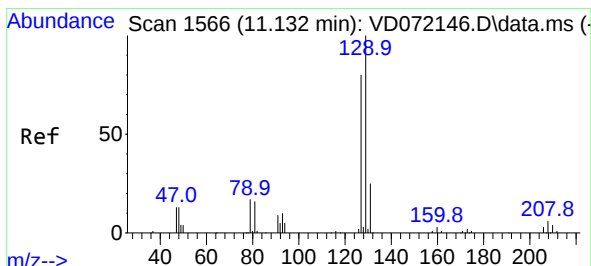
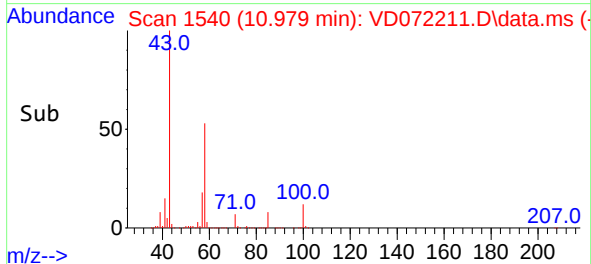
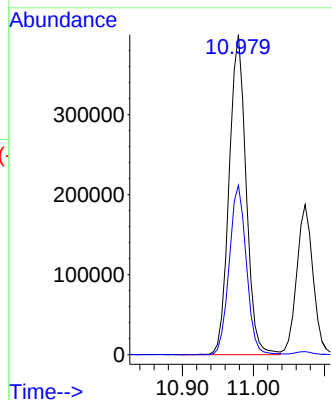
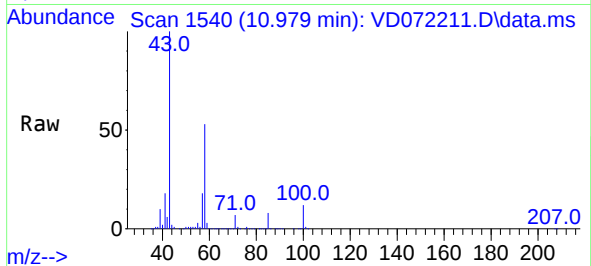
Tgt Ion: 43 Resp: 664078
Ion Ratio Lower Upper
43 100
58 53.3 25.3 75.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

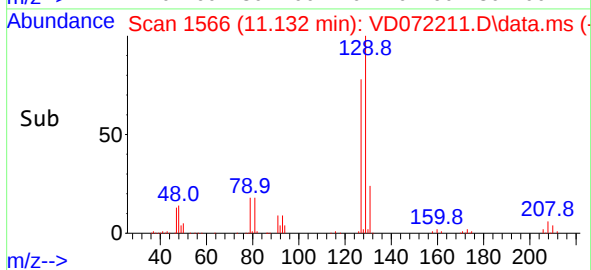
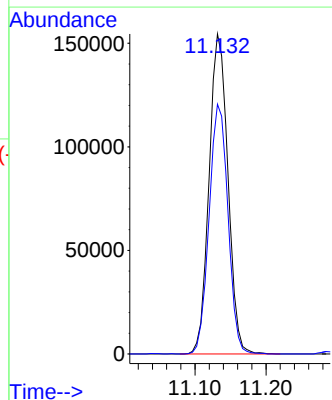
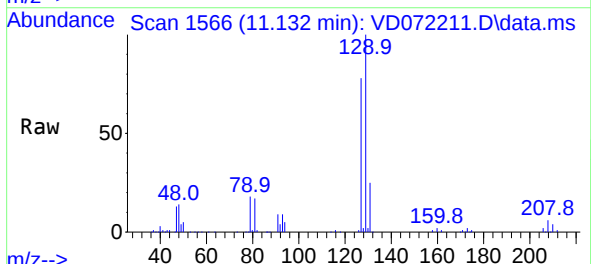
03/17/2022
Supervised By :Mahesh
Dadoda

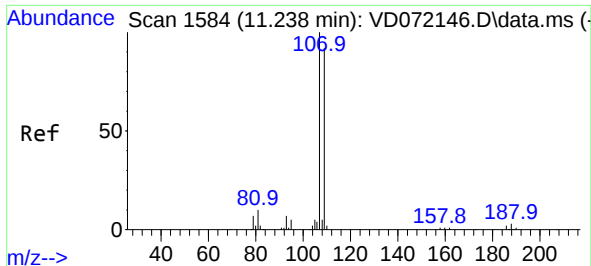
03/17/2022



#60
Dibromochloromethane
Concen: 48.721 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

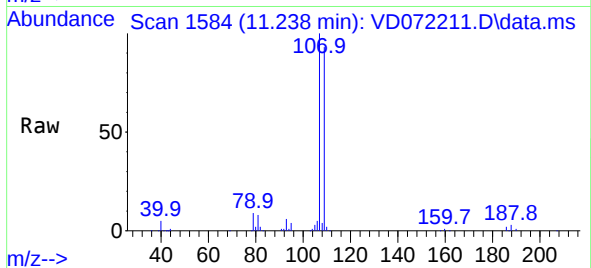
Tgt Ion:129 Resp: 284602
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 50.866 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



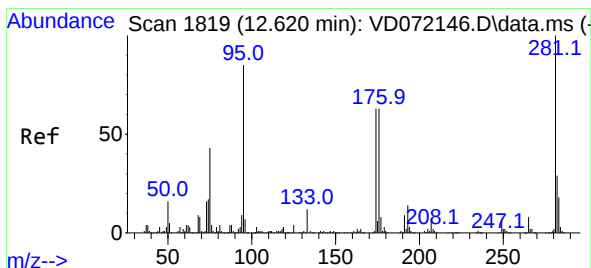
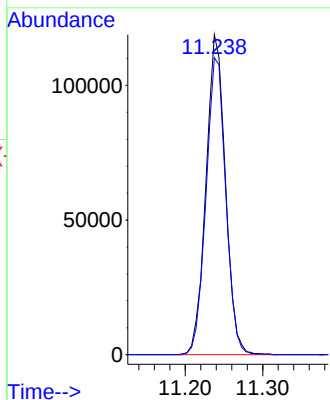
Tgt Ion:107 Resp: 206911
Ion Ratio Lower Upper
107 100
109 94.4 74.2 111.4

Manual Integrations
APPROVED

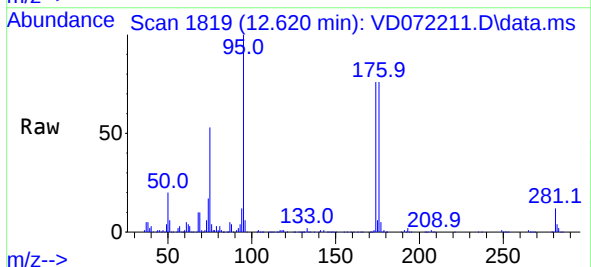
Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

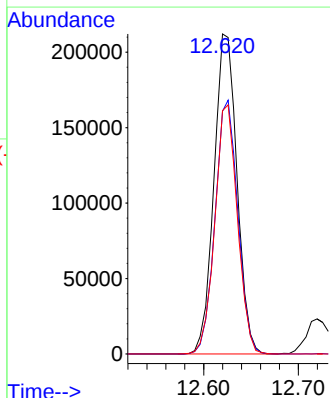
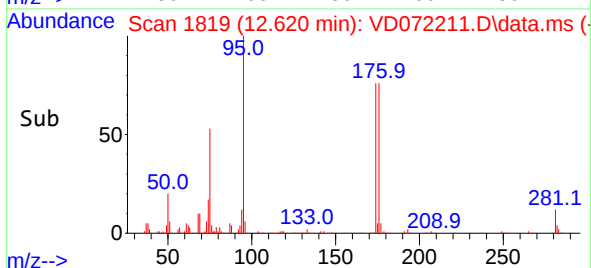
03/17/2022



#62
4-Bromofluorobenzene
Concen: 46.065 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47



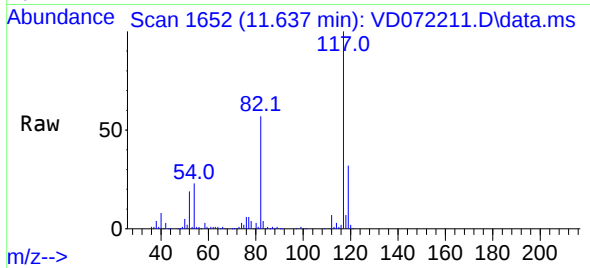
Tgt Ion: 95 Resp: 358211
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 76.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



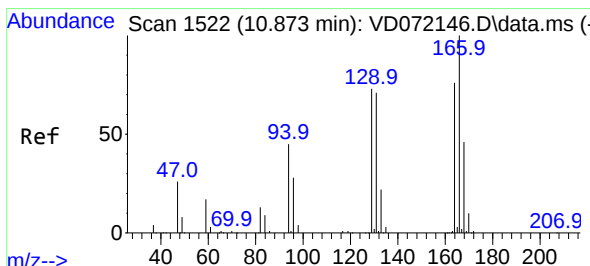
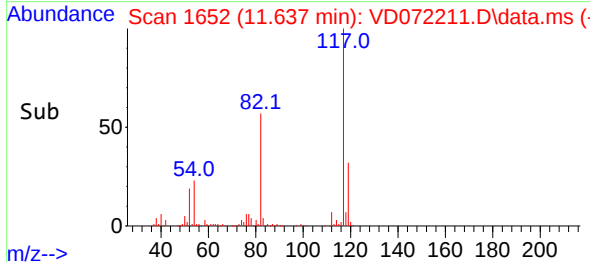
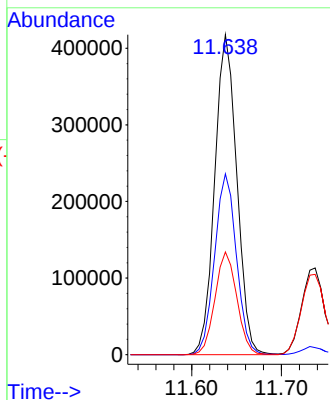
Tgt Ion:117 Resp: 71440
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.1 26.6 40.0

Manual Integrations
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Reviewed By :John
Carlone

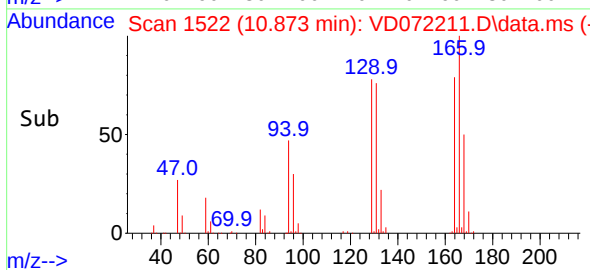
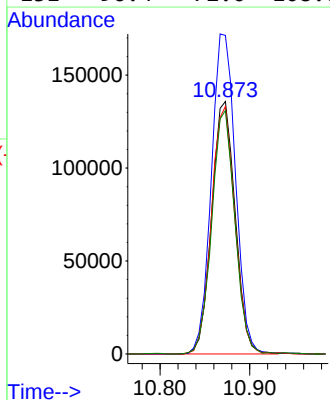
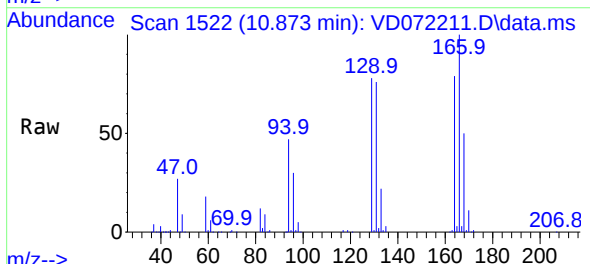
03/17/2022
Supervised By :Mahesh
Dadoda

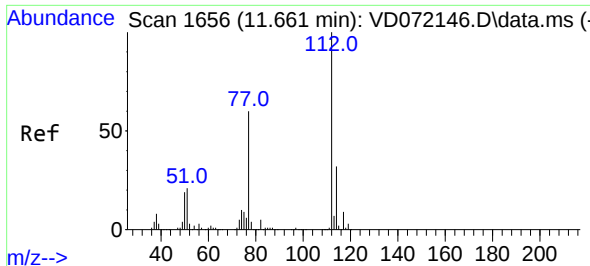
03/17/2022



#64
Tetrachloroethene
Concen: 49.236 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

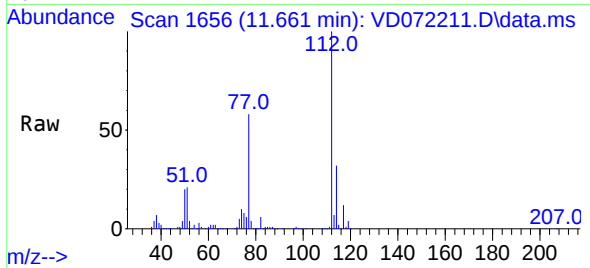
Tgt Ion:164 Resp: 247828
Ion Ratio Lower Upper
164 100
166 126.1 98.5 147.7
129 98.0 74.6 111.8
131 96.4 72.0 108.0





#65
Chlorobenzene
Concen: 49.901 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



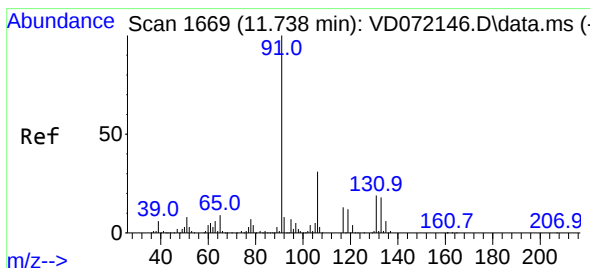
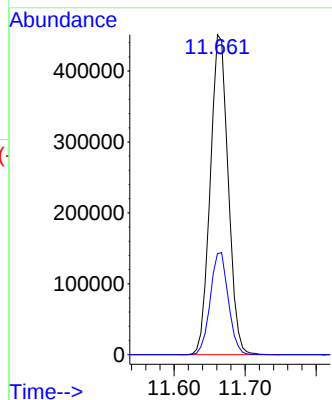
Tgt Ion:112 Resp: 790338
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
APPROVED

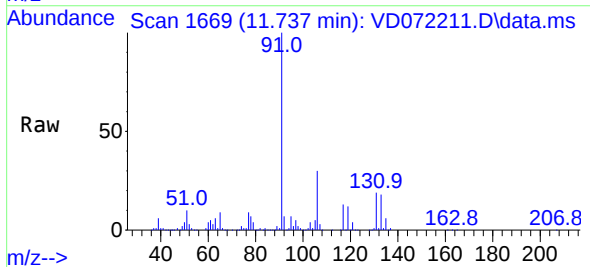
Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

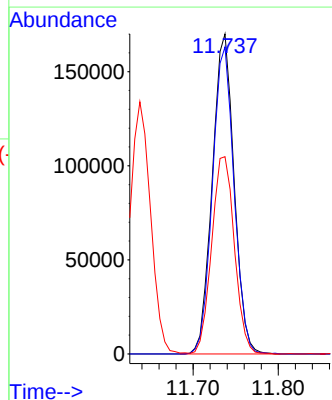
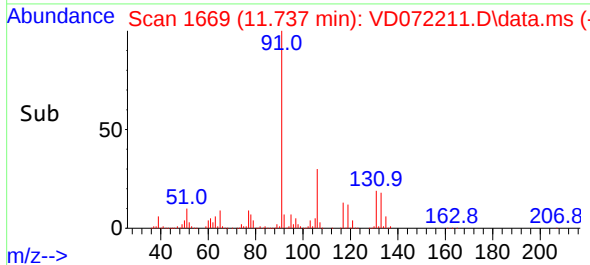
03/17/2022

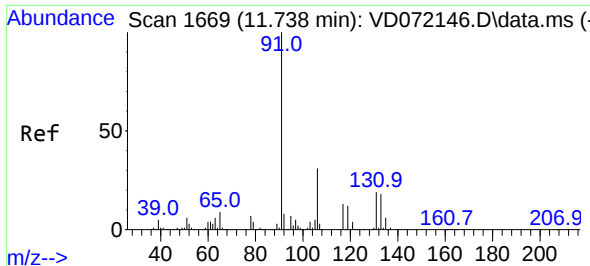


#66
1,1,1,2-Tetrachloroethane
Concen: 48.155 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47



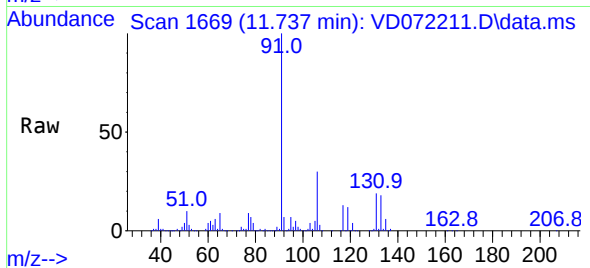
Tgt Ion:131 Resp: 301594
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 64.3 31.9 95.9





#67
Ethyl Benzene
Concen: 51.042 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



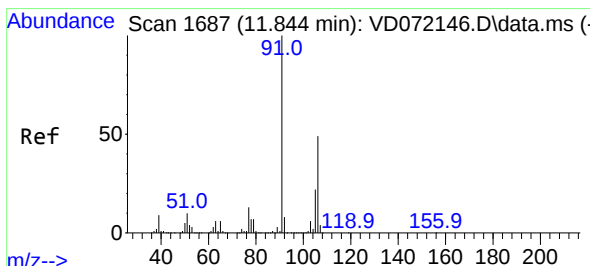
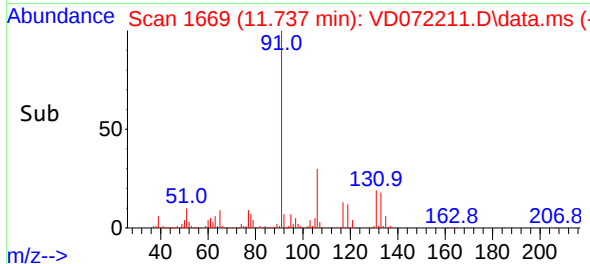
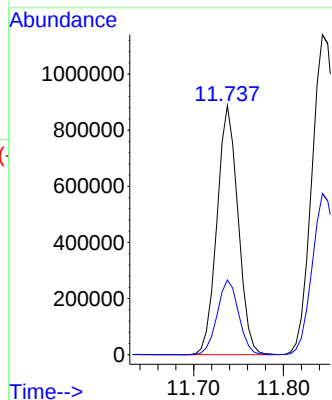
Tgt Ion: 91 Resp: 144384
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

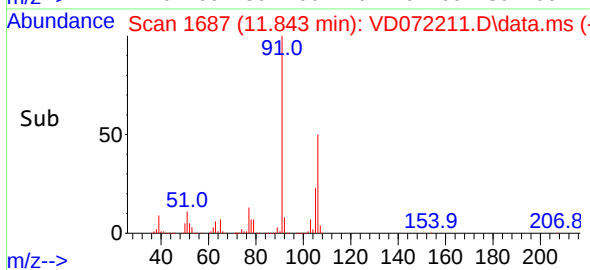
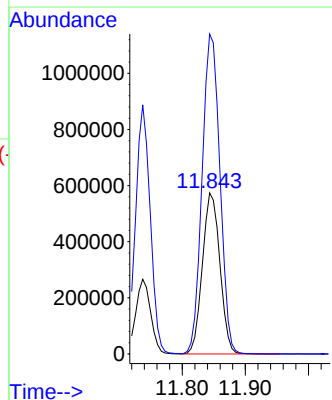
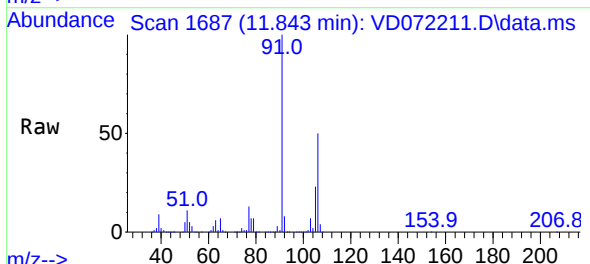
03/17/2022
Supervised By :Mahesh
Dadoda

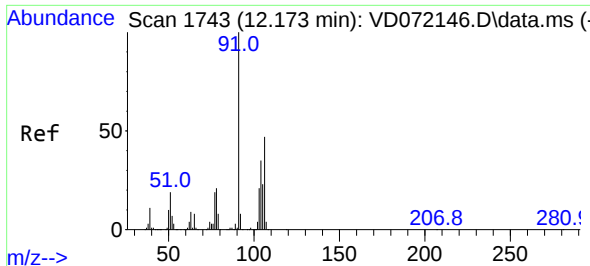
03/17/2022



#68
m/p-Xylenes
Concen: 102.507 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

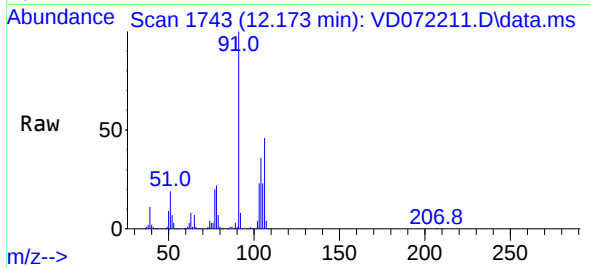
Tgt Ion:106 Resp: 1101051
Ion Ratio Lower Upper
106 100
91 202.4 163.7 245.5





#69
o-Xylene
Concen: 50.916 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



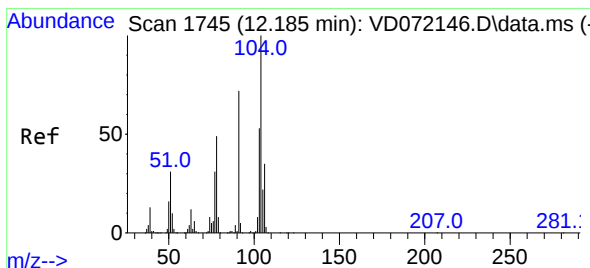
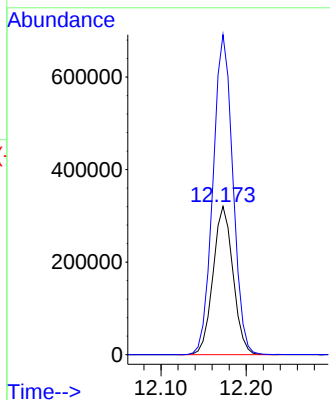
Tgt Ion:106 Resp: 523112
Ion Ratio Lower Upper
106 100
91 215.3 110.4 331.2

Manual Integrations
APPROVED

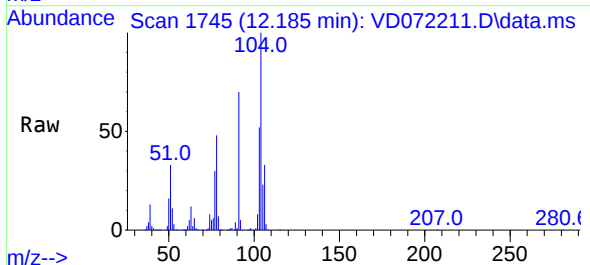
Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

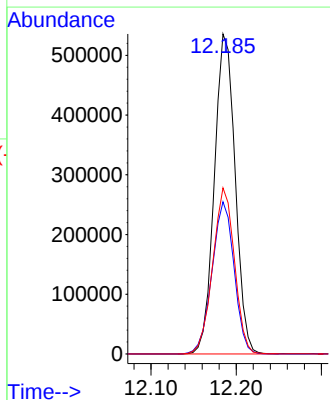
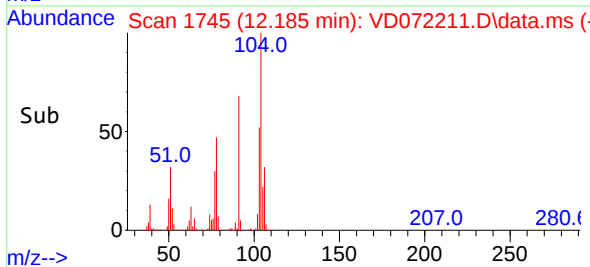
03/17/2022

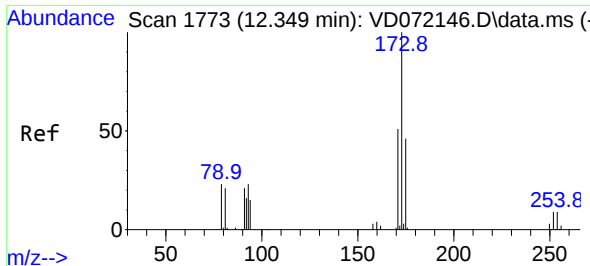


#70
Styrene
Concen: 50.730 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47



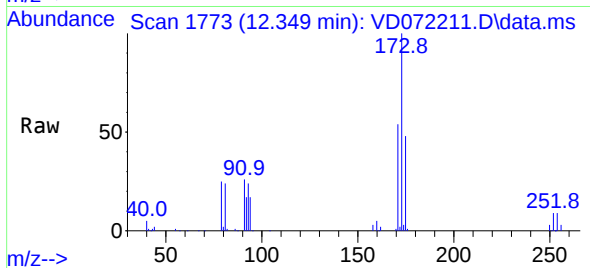
Tgt Ion:104 Resp: 910139
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.8
103 54.1 44.2 66.4





#71
Bromoform
Concen: 48.593 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



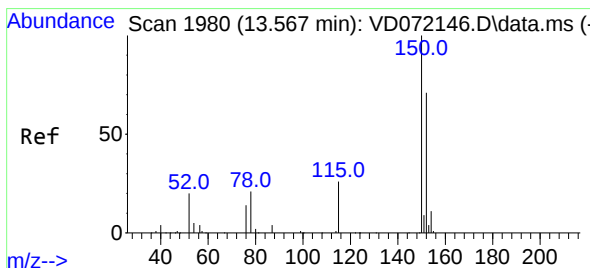
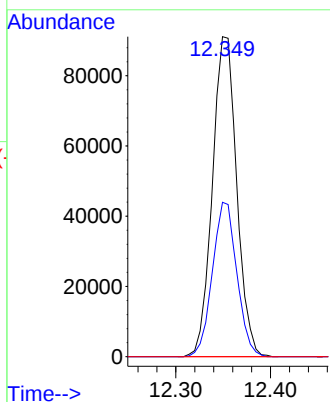
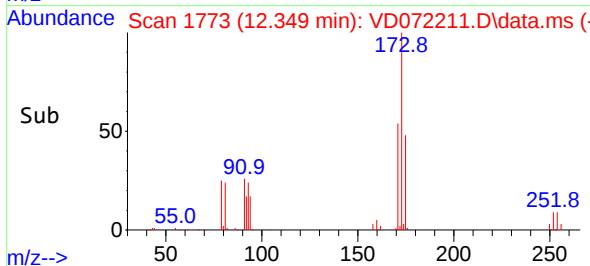
Tgt Ion:173 Resp: 16257
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

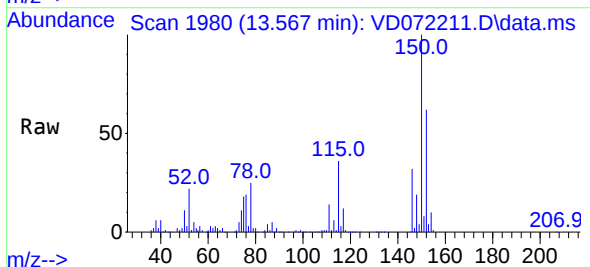
Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

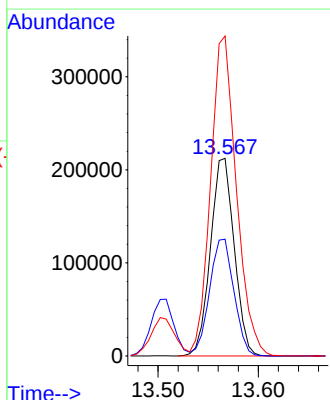
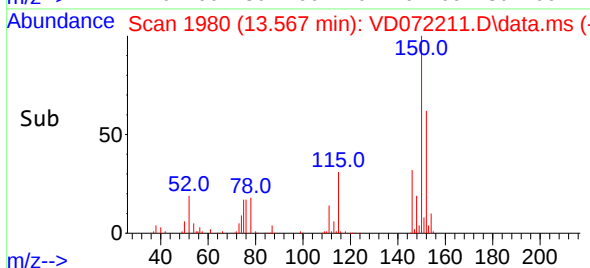
03/17/2022

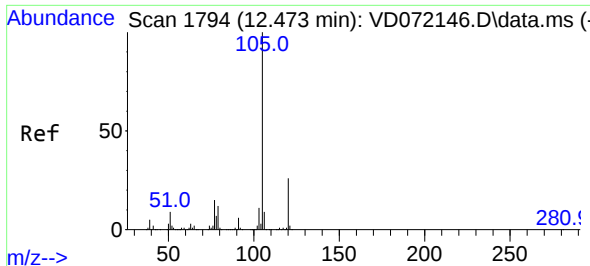


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47



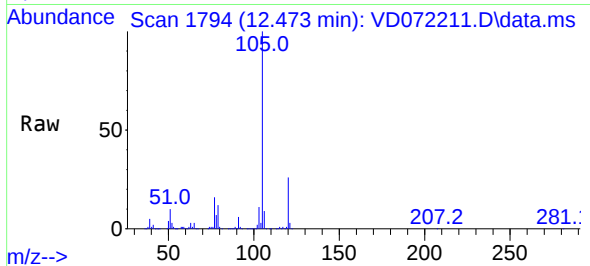
Tgt Ion:152 Resp: 349472
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 175.3 0.0 348.6





#73
Isopropylbenzene
Concen: 52.120 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



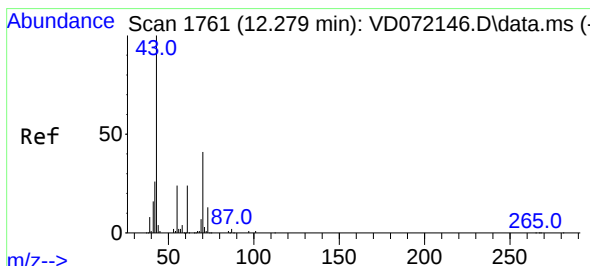
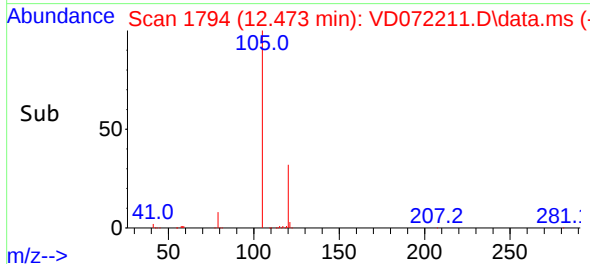
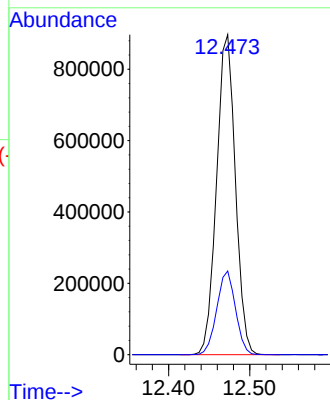
Tgt Ion:105 Resp: 144339
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

Manual Integrations
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Reviewed By :John
Carlone

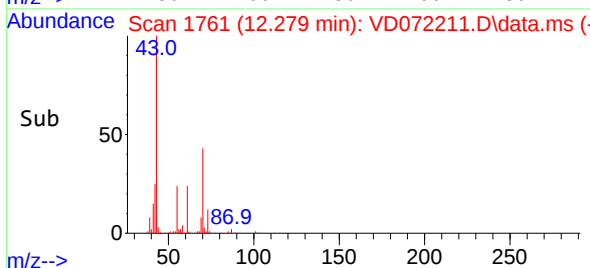
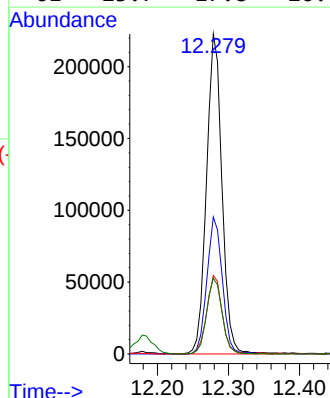
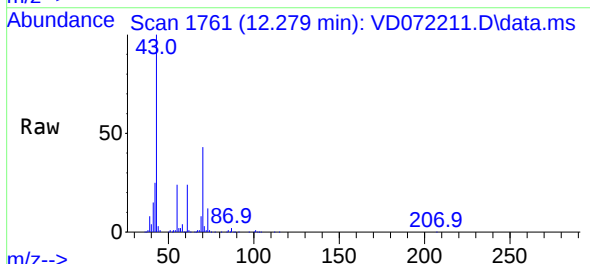
03/17/2022
Supervised By :Mahesh
Dadoda

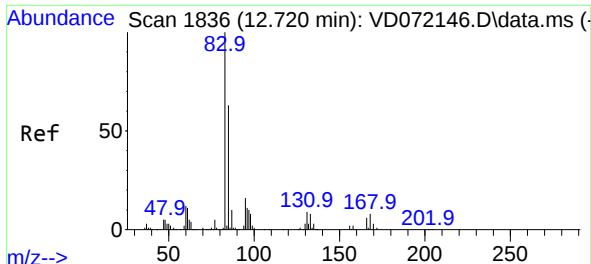
03/17/2022



#74
N-ethyl acetate
Concen: 56.809 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

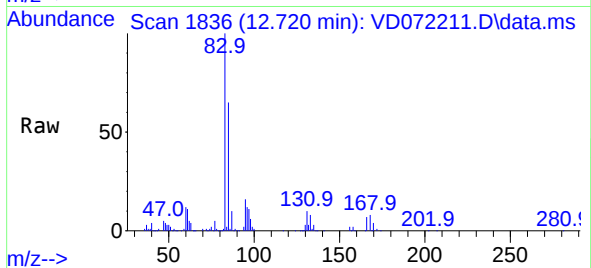
Tgt Ion: 43 Resp: 338095
Ion Ratio Lower Upper
43 100
70 42.8 31.3 46.9
55 24.3 20.0 30.0
61 23.7 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.451 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



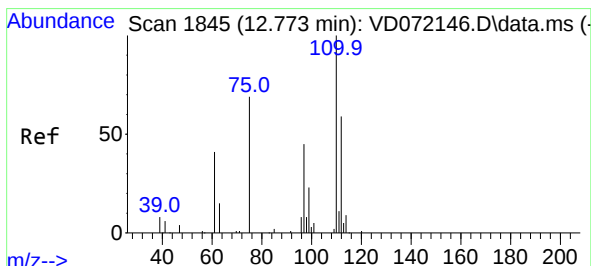
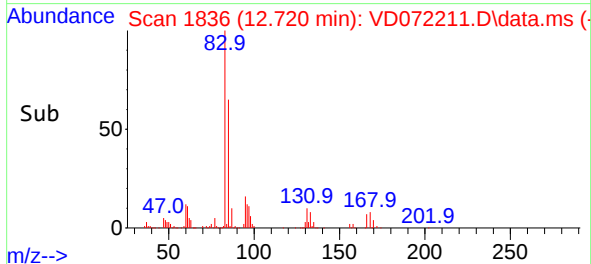
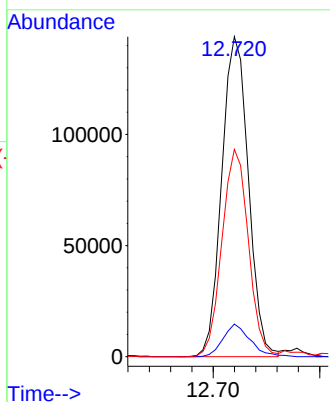
Tgt Ion: 83 Resp: 249883
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.2 32.6 98.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

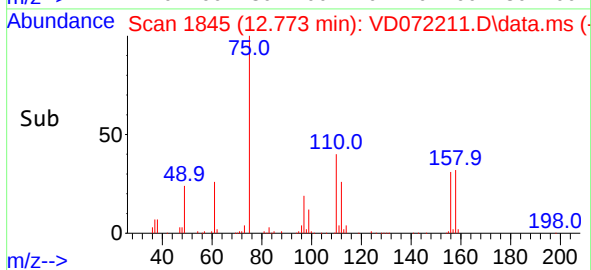
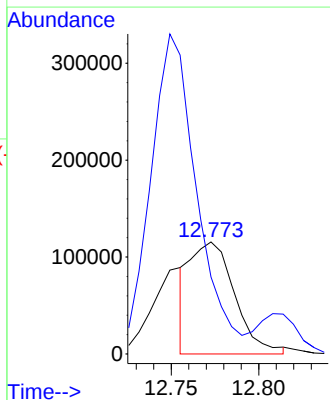
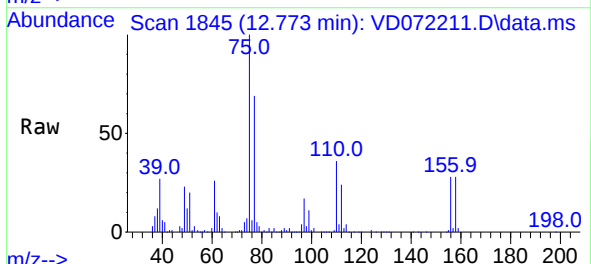
03/17/2022
Supervised By :Mahesh
Dadoda

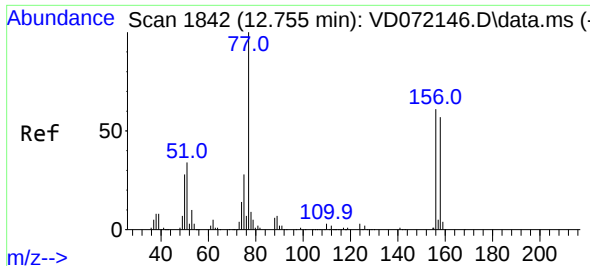
03/17/2022



#76
1,2,3-Trichloropropane
Concen: 53.123 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

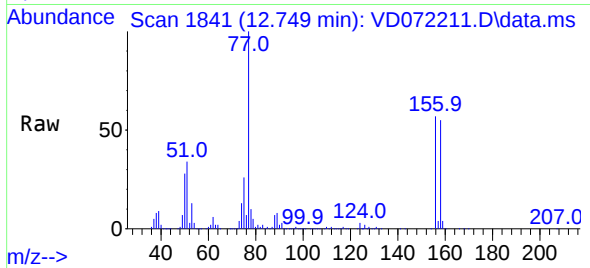
Tgt Ion: 75 Resp: 204789
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.338 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



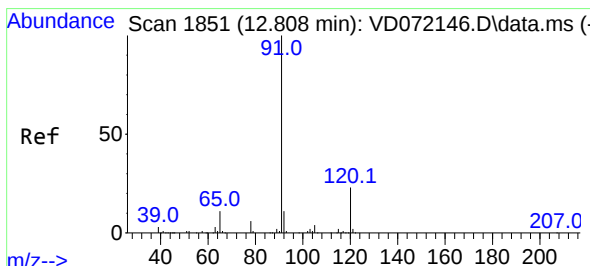
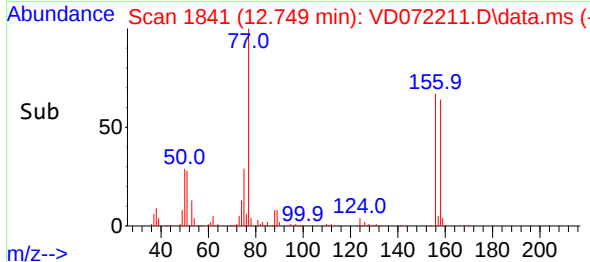
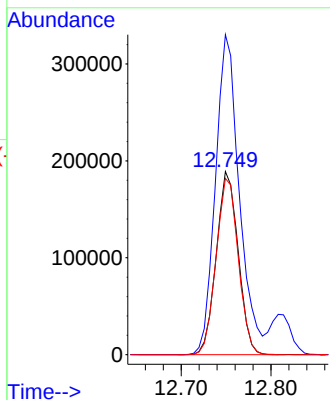
Tgt Ion:156 Resp: 320000
Ion Ratio Lower Upper
156 100
77 189.9 102.8 308.3
158 97.4 48.7 146.1

Manual Integrations
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Reviewed By :John
Carlone

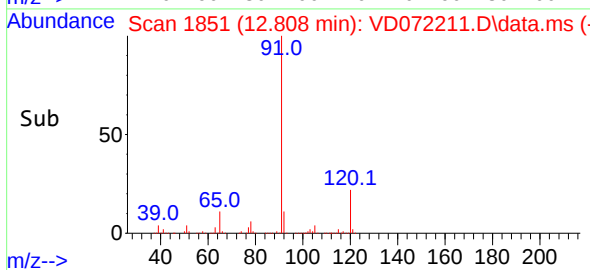
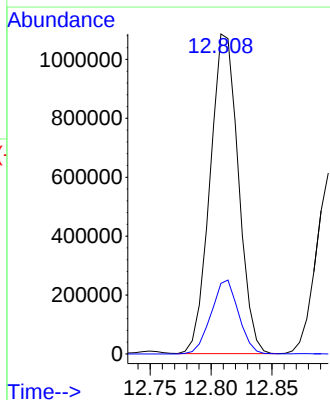
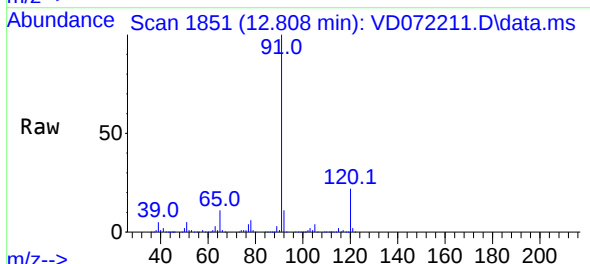
03/17/2022
Supervised By :Mahesh
Dadoda

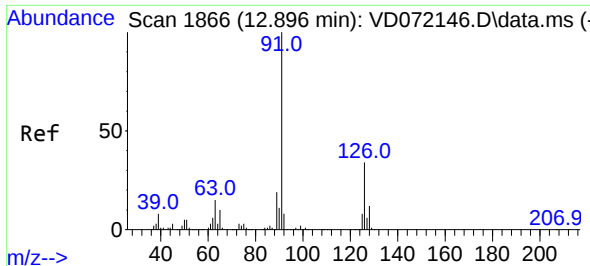
03/17/2022



#78
n-propylbenzene
Concen: 52.238 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion: 91 Resp: 1757207
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79
2-Chlorotoluene
Concen: 51.384 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

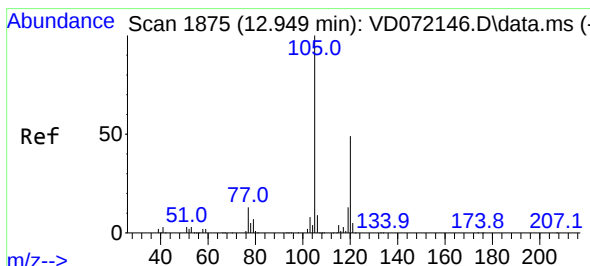
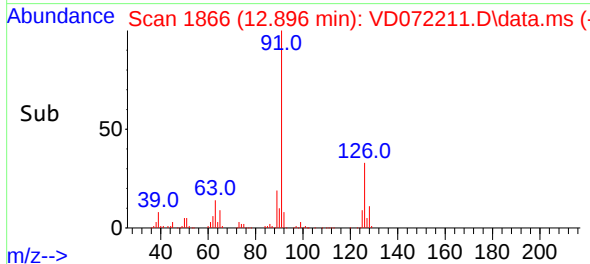
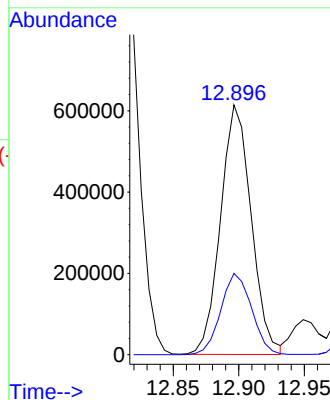
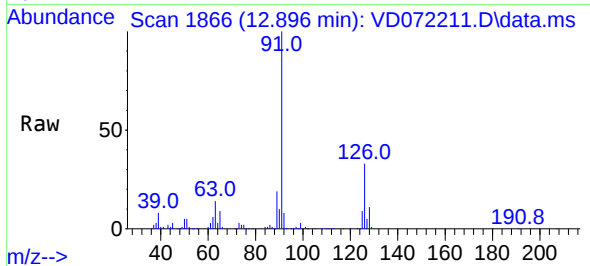
Tgt Ion: 91 Resp: 999480
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

Manual Integrations
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Reviewed By :John
Carlone

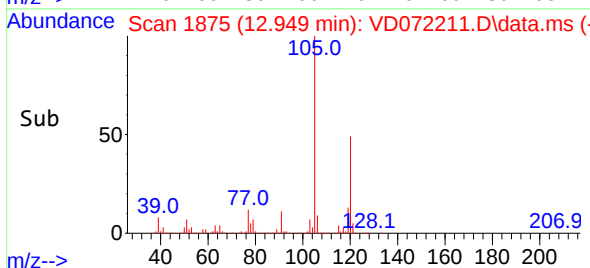
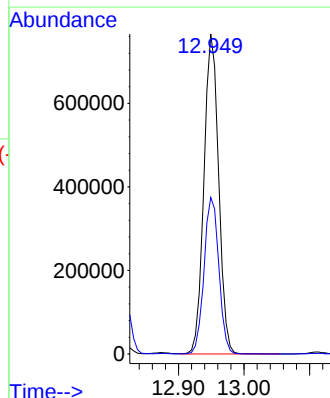
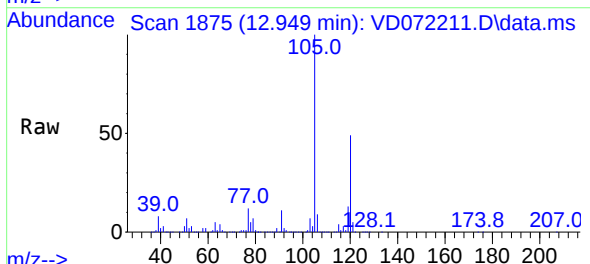
03/17/2022
Supervised By :Mahesh
Dadoda

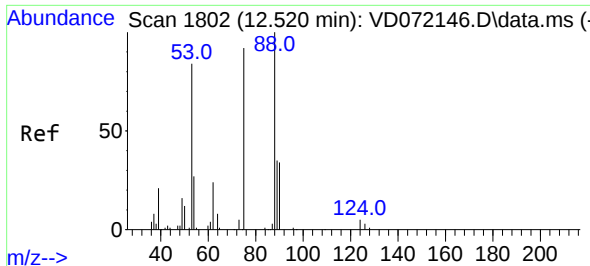
03/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.326 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion:105 Resp: 1197346
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 52.011 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

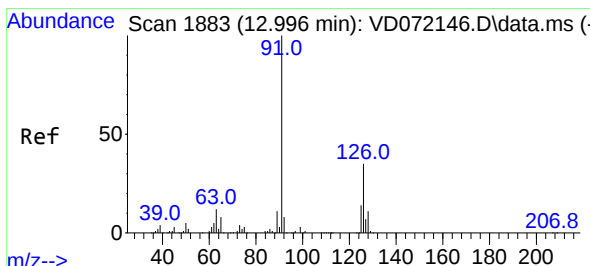
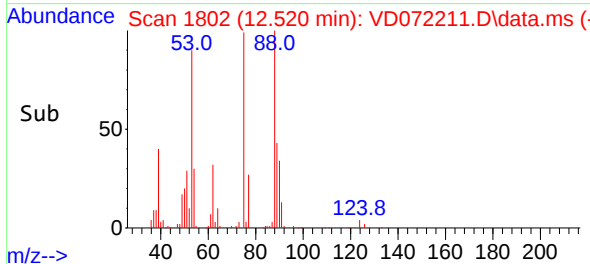
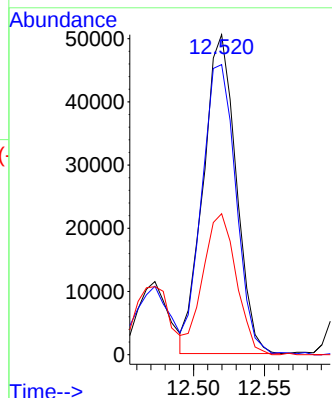
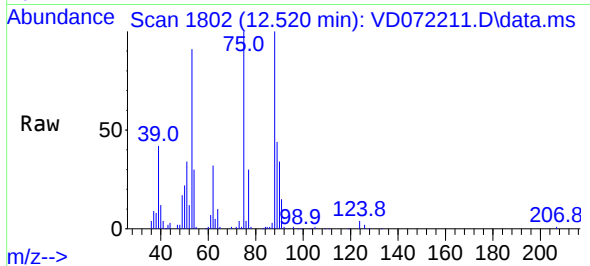
Tgt Ion: 75 Resp: 80812
Ion Ratio Lower Upper
75 100
53 95.2 86.5 129.7
89 45.3 33.9 50.9

Manual Integrations
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Reviewed By :John
Carlone

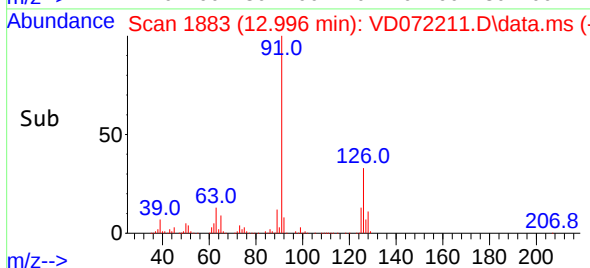
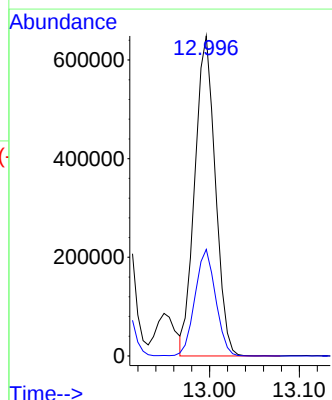
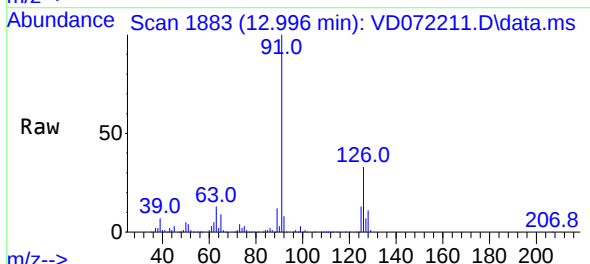
03/17/2022
Supervised By :Mahesh
Dadoda

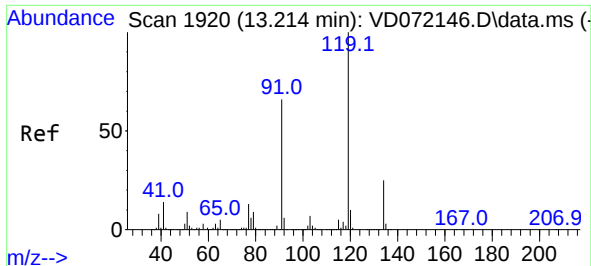
03/17/2022



#82
4-Chlorotoluene
Concen: 50.978 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

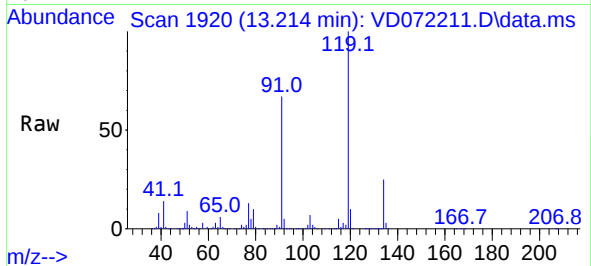
Tgt Ion: 91 Resp: 1026712
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5





#83
tert-Butylbenzene
Concen: 50.898 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



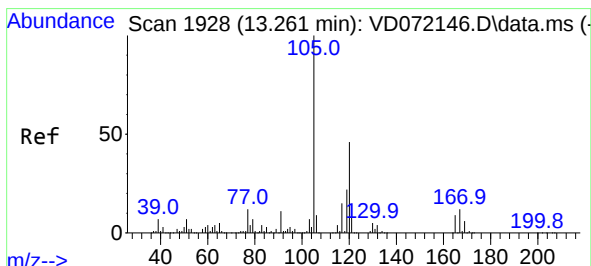
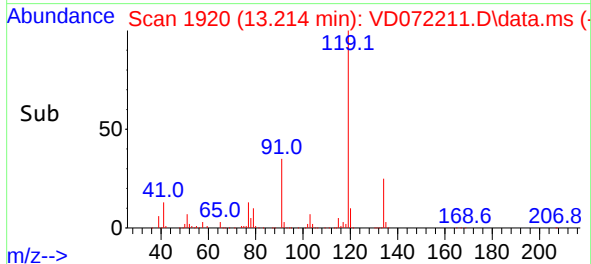
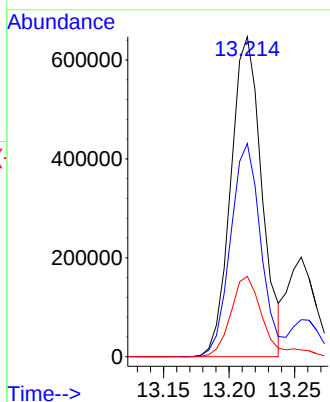
Tgt Ion:119 Resp: 1061660
Ion Ratio Lower Upper
119 100
91 66.0 34.8 104.5
134 26.5 13.3 39.9

Manual Integrations
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Reviewed By :John
Carlone

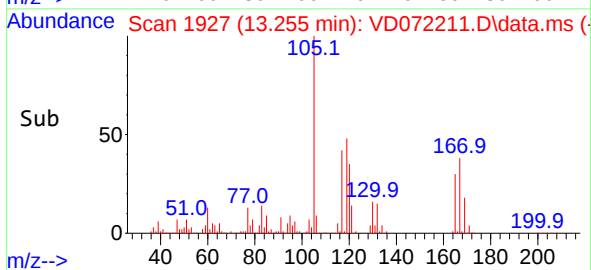
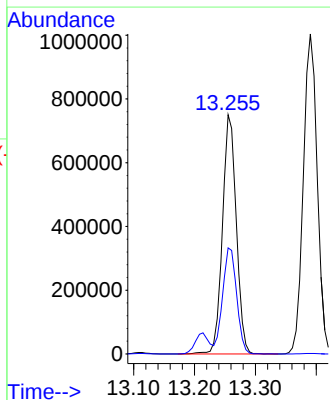
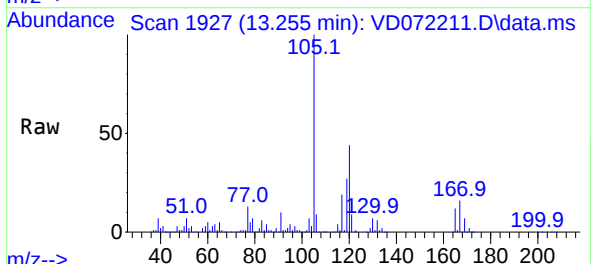
03/17/2022
Supervised By :Mahesh
Dadoda

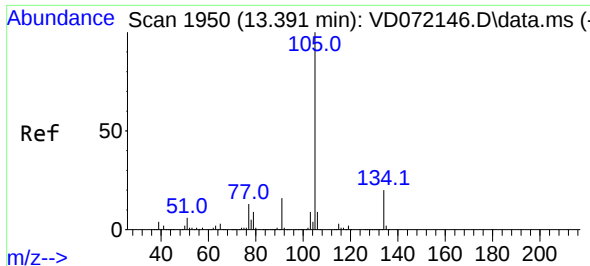
03/17/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.491 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

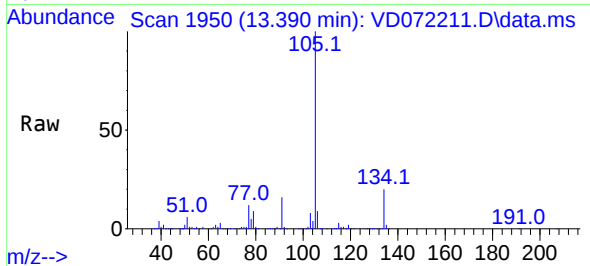
Tgt Ion:105 Resp: 1183645
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 50.654 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072211.D
 Acq: 16 Mar 2022 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



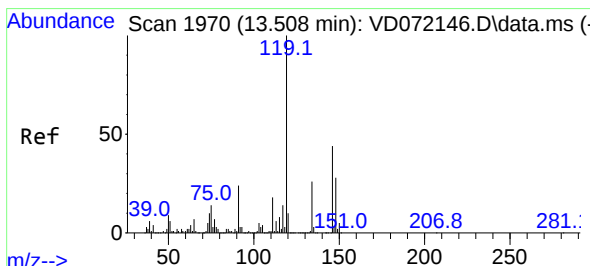
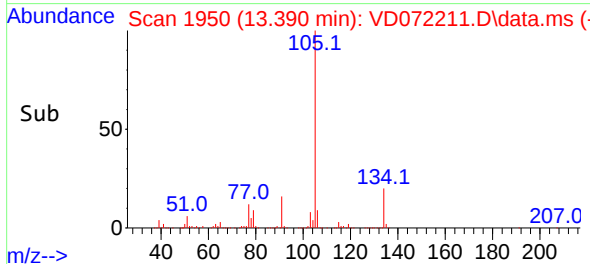
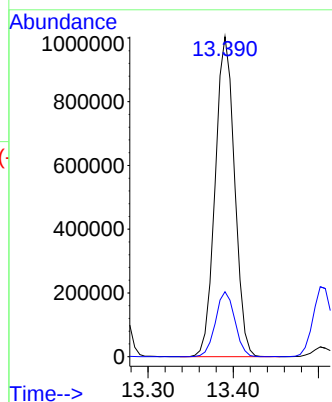
Tgt Ion:105 Resp: 158668
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3

Manual Integrations
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Reviewed By :John
 Carlone

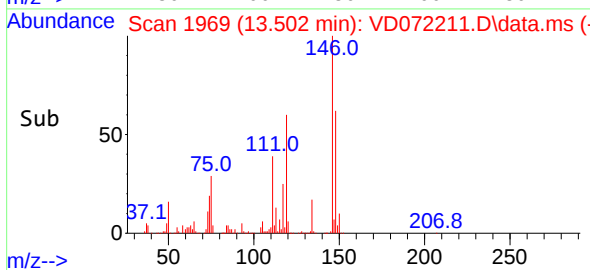
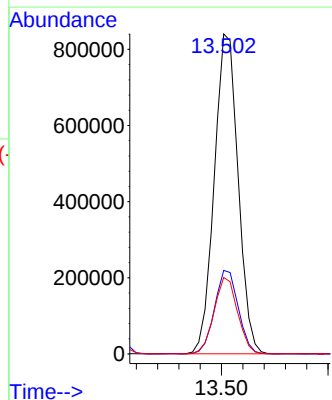
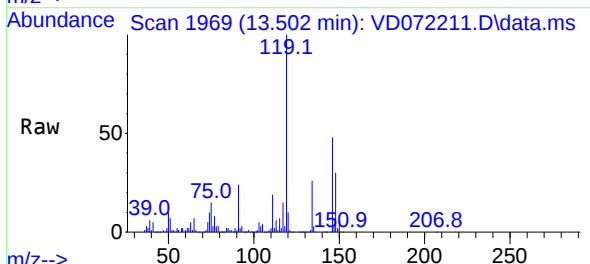
03/17/2022
 Supervised By :Mahesh
 Dadoda

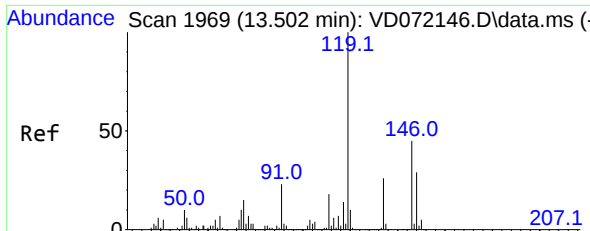
03/17/2022



#86
 p-Isopropyltoluene
 Concen: 50.577 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072211.D
 Acq: 16 Mar 2022 11:47

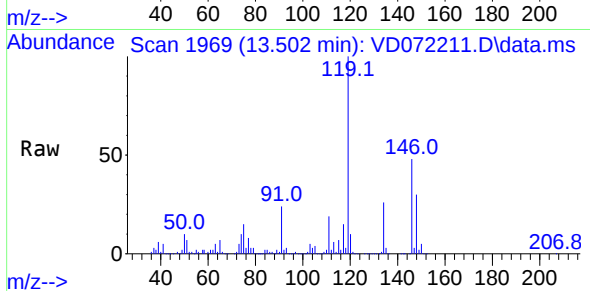
Tgt Ion:119 Resp: 1303660
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 23.6 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 49.567 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



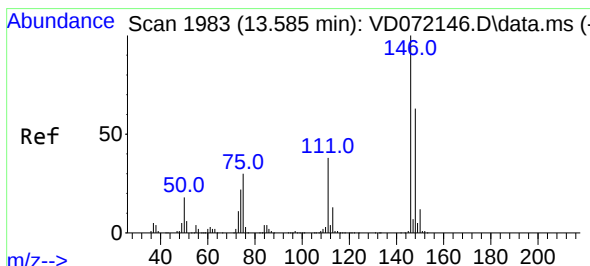
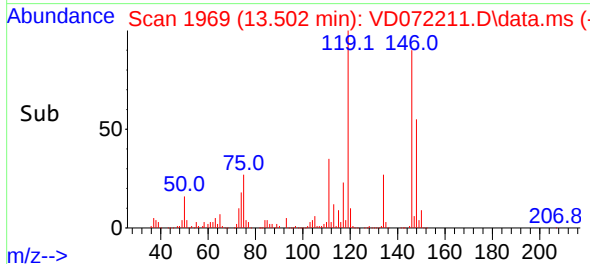
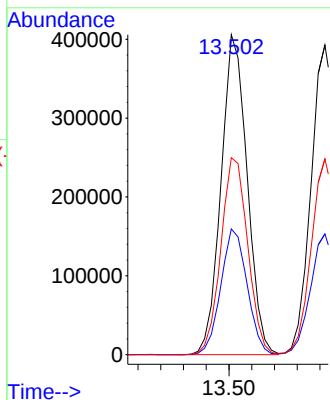
Tgt Ion:146 Resp: 647514
Ion Ratio Lower Upper
146 100
111 39.7 20.4 61.3
148 63.3 31.9 95.7

Manual Integrations
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Reviewed By :John
Carlone

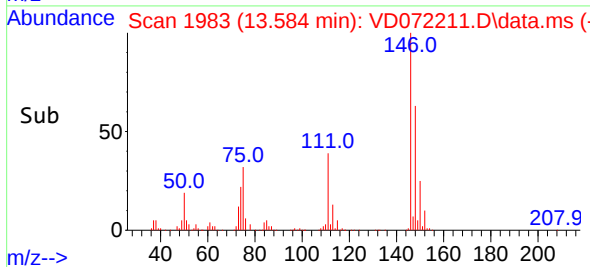
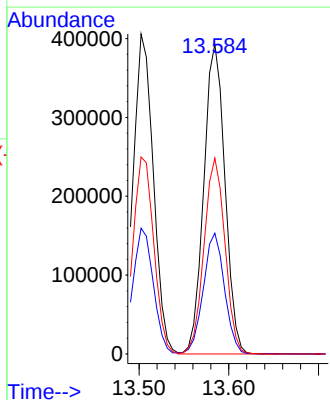
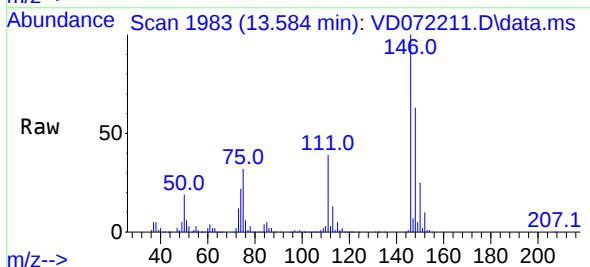
03/17/2022
Supervised By :Mahesh
Dadoda

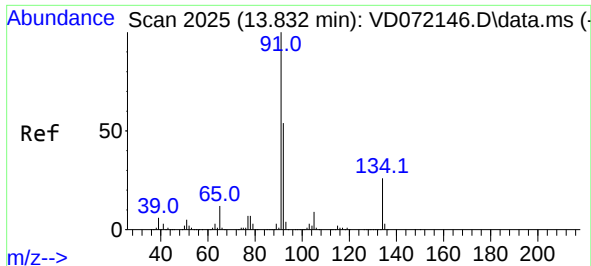
03/17/2022



#88
1,4-Dichlorobenzene
Concen: 49.637 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion:146 Resp: 642997
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.9
148 62.7 31.7 95.1





#89
n-Butylbenzene
Concen: 51.002 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

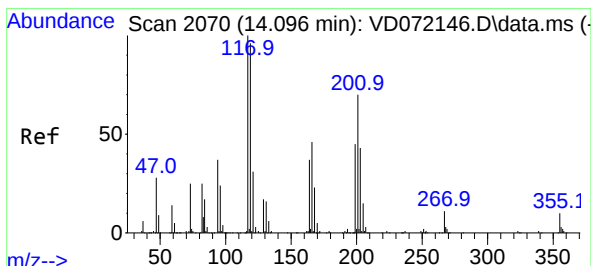
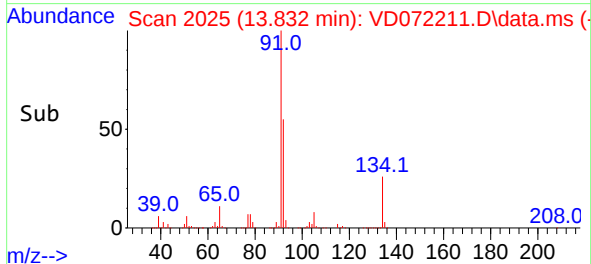
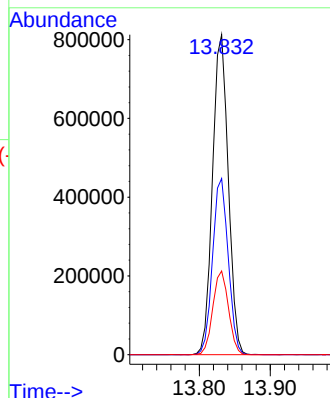
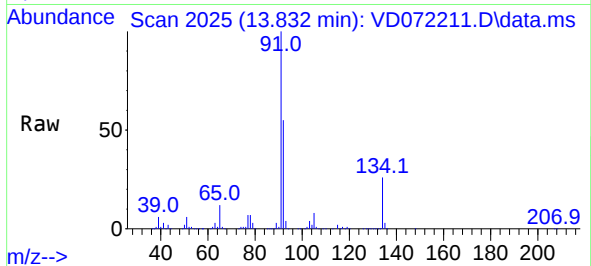
Tgt Ion: 91 Resp: 1253059
Ion Ratio Lower Upper
91 100
92 54.7 26.6 79.8
134 26.0 12.3 36.9

Manual Integrations
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Reviewed By :John
Carlone

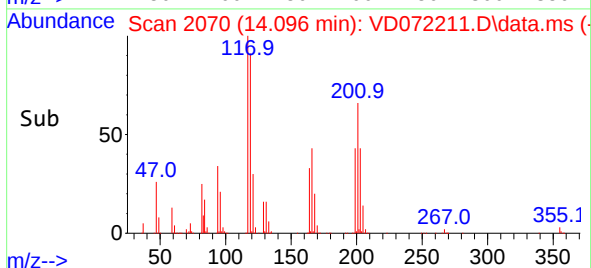
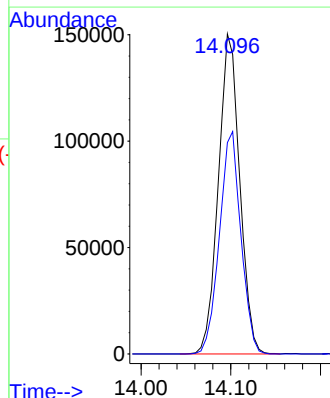
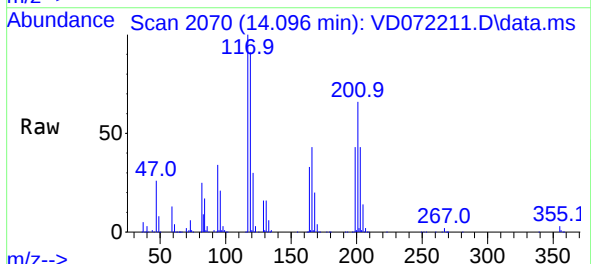
03/17/2022
Supervised By :Mahesh
Dadoda

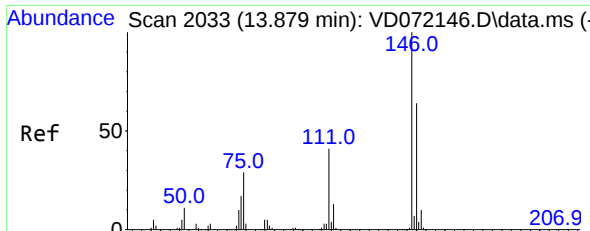
03/17/2022



#90
Hexachloroethane
Concen: 49.231 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

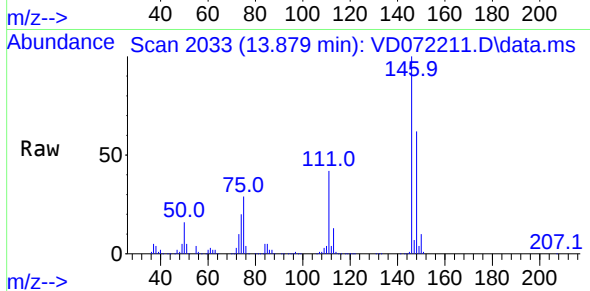
Tgt Ion:117 Resp: 248710
Ion Ratio Lower Upper
117 100
201 69.7 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 49.408 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



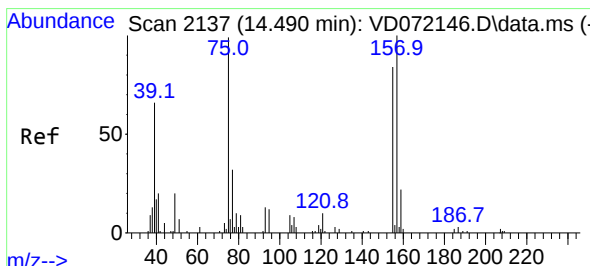
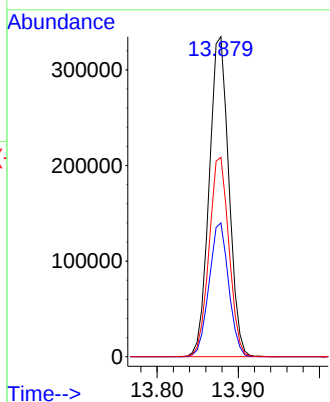
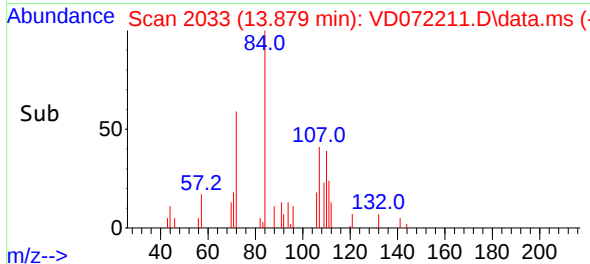
Tgt Ion:146 Resp: 562734
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 63.0 31.7 95.1

Manual Integrations
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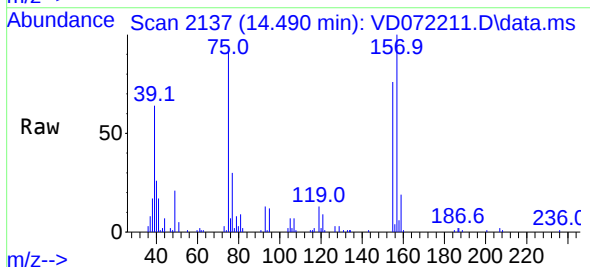
Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

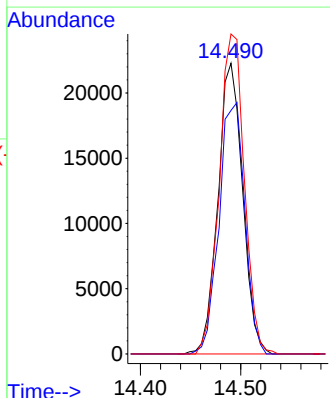
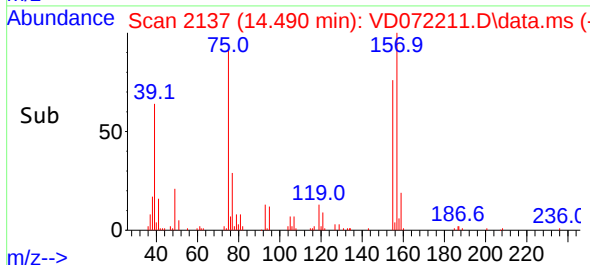
03/17/2022

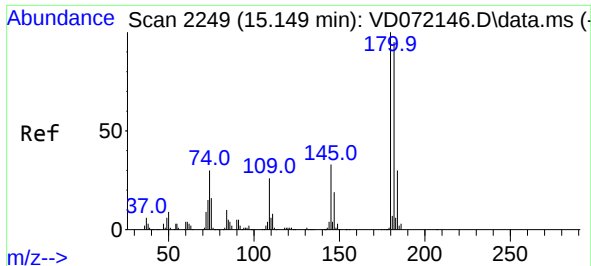


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.137 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47



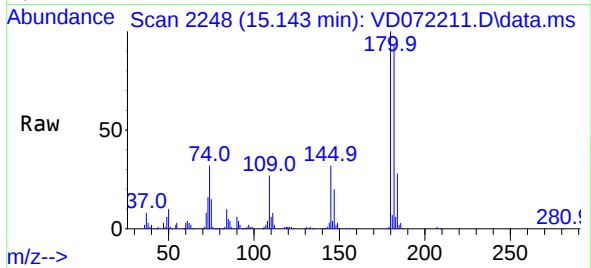
Tgt Ion: 75 Resp: 38050
Ion Ratio Lower Upper
75 100
155 90.4 36.8 110.3
157 111.8 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 48.986 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



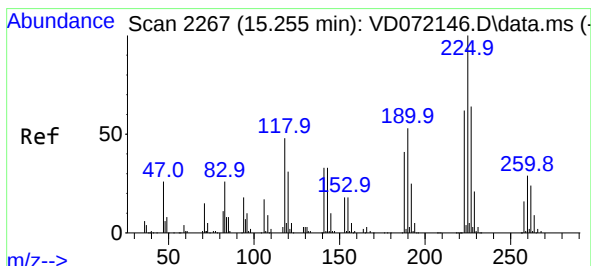
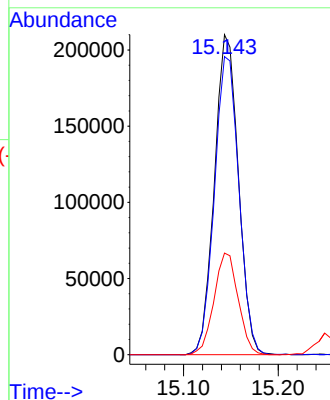
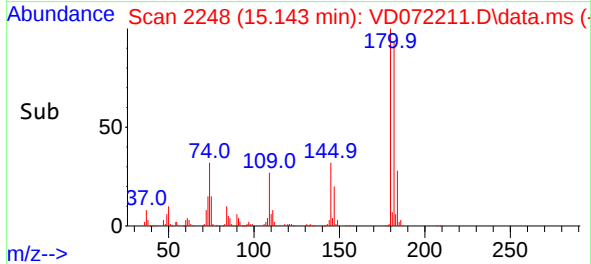
Tgt Ion:180 Resp: 36938
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 32.1 16.2 48.5

Manual Integrations
APPROVED

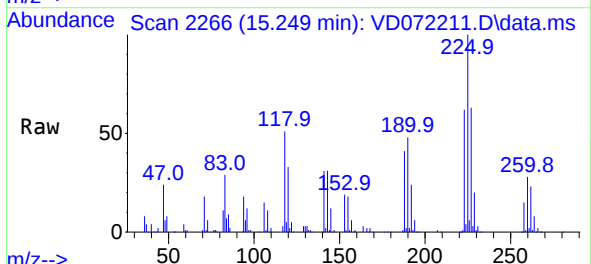
Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

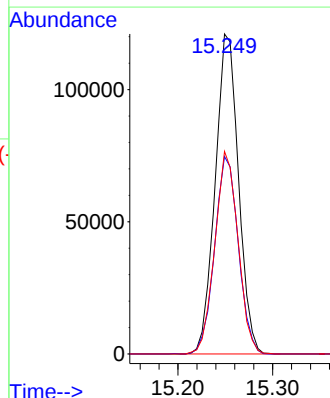
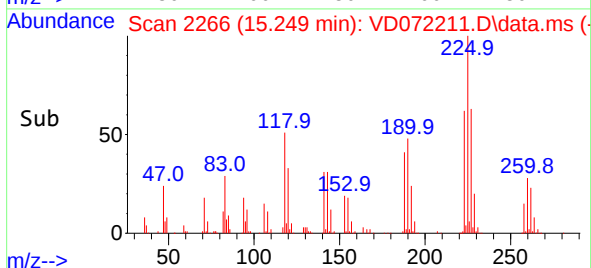
03/17/2022

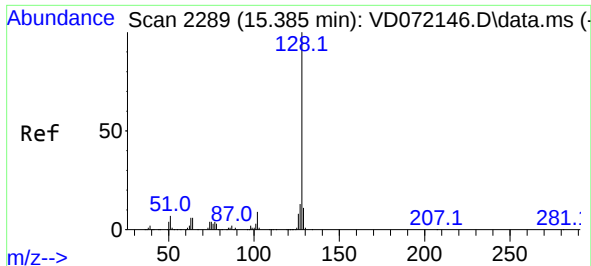


#94
Hexachlorobutadiene
Concen: 47.224 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47



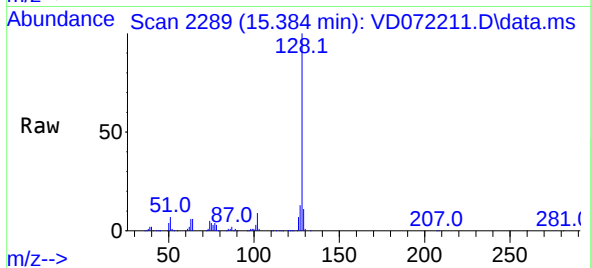
Tgt Ion:225 Resp: 207139
Ion Ratio Lower Upper
225 100
223 62.6 31.1 93.2
227 62.8 32.4 97.0





#95
Naphthalene
Concen: 52.153 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



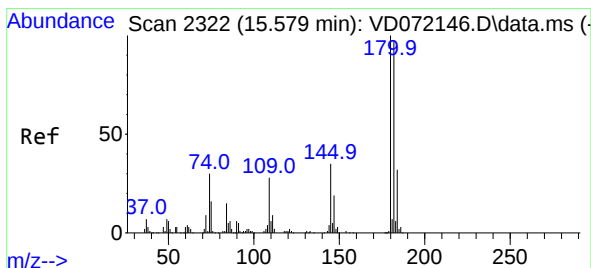
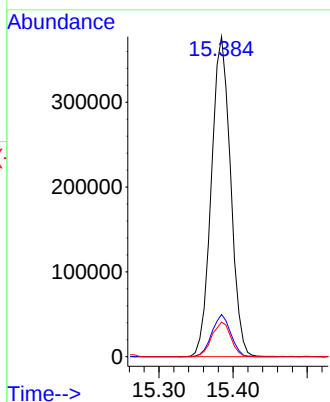
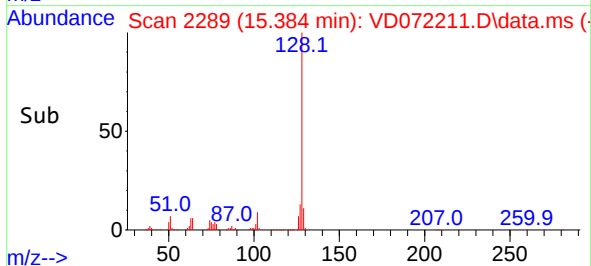
Tgt Ion:128 Resp: 677904
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/17/2022
Supervised By :Mahesh
Dadoda

03/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.359 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072211.D
Acq: 16 Mar 2022 11:47

Tgt Ion:180 Resp: 322172
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 33.6 17.1 51.3

