

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074456.D
 Acq On : 15 Sep 2022 11:48
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

Quant Time: Sep 15 19:07:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:05:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	452199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	847425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	770573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	355322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	361910	57.098	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.200%			
35) Dibromofluoromethane	7.951	113	278361	52.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.380%			
50) Toluene-d8	10.380	98	1044867	53.190	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.380%			
62) 4-Bromofluorobenzene	12.674	95	379262	53.598	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	210166	49.434	ug/l	92
3) Chloromethane	2.263	50	378987	70.827	ug/l	97
4) Vinyl Chloride	2.404	62	380861	85.202	ug/l	98
5) Bromomethane	2.781	94	215772	105.215	ug/l	100
6) Chloroethane	2.951	64	259991	90.295	ug/l	97
7) Trichlorofluoromethane	3.310	101	427941	63.470	ug/l	96
8) Diethyl Ether	3.757	74	218242	63.750	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	266153	58.990	ug/l	91
10) Methyl Iodide	4.346	142	337789	63.382	ug/l	95
11) Tert butyl alcohol	5.281	59	530314	315.450	ug/l	99
12) 1,1-Dichloroethene	4.104	96	266868	59.446	ug/l	95
13) Acrolein	3.975	56	218762	325.450	ug/l	97
14) Allyl chloride	4.757	41	633274	64.419	ug/l	95
15) Acrylonitrile	5.469	53	1283961	330.798	ug/l	99
16) Acetone	4.216	43	1057762	300.381	ug/l	98
17) Carbon Disulfide	4.457	76	716138	61.462	ug/l	99
18) Methyl Acetate	4.769	43	662442	68.049	ug/l	91
19) Methyl tert-butyl Ether	5.522	73	1128361	65.502	ug/l	95
20) Methylene Chloride	5.010	84	337802	56.995	ug/l #	83
21) trans-1,2-Dichloroethene	5.504	96	298616	60.576	ug/l	93
22) Diisopropyl ether	6.410	45	1306768	70.134	ug/l	95
23) Vinyl Acetate	6.345	43	5938024	346.888	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	633068	65.762	ug/l	99
25) 2-Butanone	7.257	43	1873767	329.691	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	532310	61.971	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	371861	62.656	ug/l	93
28) Bromochloromethane	7.581	49	188664	50.739	ug/l #	71
29) Tetrahydrofuran	7.604	42	1253674	332.760	ug/l	87
30) Chloroform	7.745	83	606215	63.018	ug/l	97
31) Cyclohexane	8.022	56	591332	65.150	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	510553	61.047	ug/l	95
36) 1,1-Dichloropropene	8.151	75	448722	60.752	ug/l	96
37) Ethyl Acetate	7.334	43	735989	61.879	ug/l #	95
38) Carbon Tetrachloride	8.133	117	427707	56.173	ug/l	96
39) Methylcyclohexane	9.392	83	564663	63.048	ug/l	93
40) Benzene	8.386	78	1443555	61.989	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	341577	60.720	ug/l	90
42) 1,2-Dichloroethane	8.463	62	498548	60.745	ug/l	98
43) Isopropyl Acetate	8.492	43	1127023	65.771	ug/l #	93
44) Trichloroethene	9.151	130	296619	52.135	ug/l	84
45) 1,2-Dichloropropane	9.428	63	391056	64.853	ug/l	98
46) Dibromomethane	9.516	93	243867	60.948	ug/l #	84
47) Bromodichloromethane	9.698	83	489976	61.614	ug/l	97
48) Methyl methacrylate	9.498	41	488730	63.033	ug/l	89
49) 1,4-Dioxane	9.504	88	191163	1124.110	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	3807852	337.998	ug/l	91
52) Toluene	10.445	92	876703	61.580	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	580089	66.909	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	614325	64.977	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	354099	57.101	ug/l	98
56) Ethyl methacrylate	10.704	69	652505	64.662	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	628030	60.468	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1483354	333.402	ug/l	91
59) 2-Hexanone	11.027	43	2924196	336.421	ug/l	90
60) Dibromochloromethane	11.180	129	351655	60.574	ug/l	99
61) 1,2-Dibromoethane	11.286	107	358941	58.974	ug/l	100
64) Tetrachloroethene	10.916	164	236920	50.398	ug/l	94
65) Chlorobenzene	11.710	112	889153	57.555	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	324701	55.683	ug/l	98
67) Ethyl Benzene	11.786	91	1679013	61.083	ug/l	99
68) m/p-Xylenes	11.892	106	1268831	118.241	ug/l	94
69) o-Xylene	12.221	106	640627	59.584	ug/l	97
70) Styrene	12.233	104	1067942	61.657	ug/l	98
71) Bromoform	12.398	173	253333	57.941	ug/l	98
73) Isopropylbenzene	12.521	105	1639424	57.794	ug/l	99
74) N-amyl acetate	12.327	43	987789	65.212	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	622957	60.128	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	471986m	52.931	ug/l	
77) Bromobenzene	12.804	156	342542	51.742	ug/l	75
78) n-propylbenzene	12.863	91	2004924	63.256	ug/l	94
79) 2-Chlorotoluene	12.951	91	1161142	57.404	ug/l	96
80) 1,3,5-Trimethylbenzene	13.004	105	1365255	58.665	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	231881	67.342	ug/l	98
82) 4-Chlorotoluene	13.045	91	1117491	58.451	ug/l	96
83) tert-Butylbenzene	13.263	119	1211475	57.103	ug/l	96
84) 1,2,4-Trimethylbenzene	13.310	105	1356804	58.469	ug/l	98
85) sec-Butylbenzene	13.445	105	1734513	60.565	ug/l	97
86) p-Isopropyltoluene	13.557	119	1381712	60.019	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	647923	54.072	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	632867	52.507	ug/l	98
89) n-Butylbenzene	13.886	91	1252388	65.357	ug/l	96
90) Hexachloroethane	14.151	117	282694	63.889	ug/l	77
91) 1,2-Dichlorobenzene	13.927	146	651484	52.449	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	142091	52.164	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	322163	47.996	ug/l	96
94) Hexachlorobutadiene	15.304	225	134680	46.321	ug/l	98
95) Naphthalene	15.439	128	1369023	49.604	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	333159	46.320	ug/l	97

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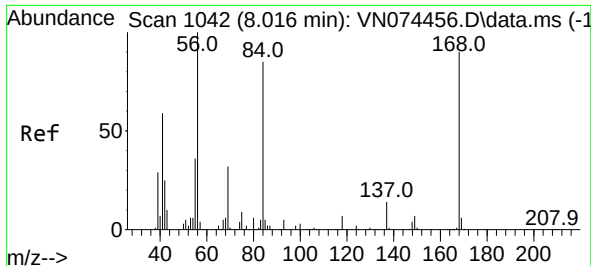
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:05:53 2022
Response via : Initial Calibration

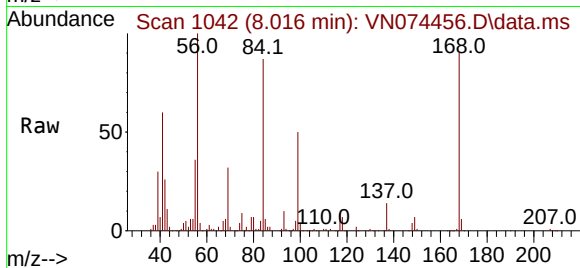
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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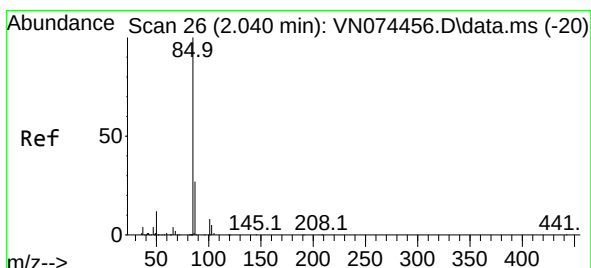
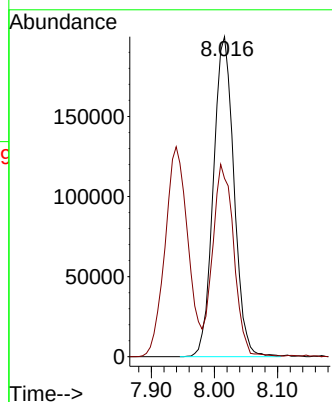
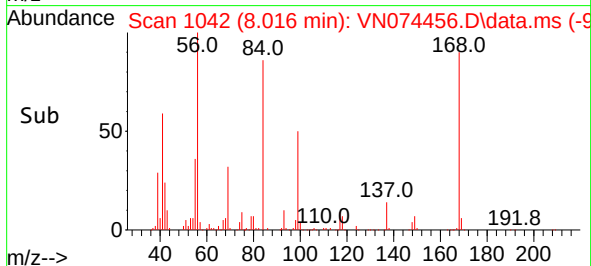
Instrument :
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VSTDICCC050



Tgt Ion:168 Resp: 452199
Ion Ratio Lower Upper
168 100
99 55.4 42.3 63.5

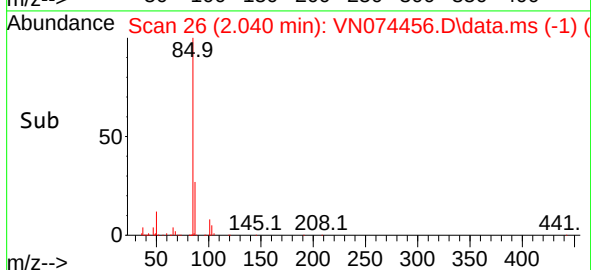
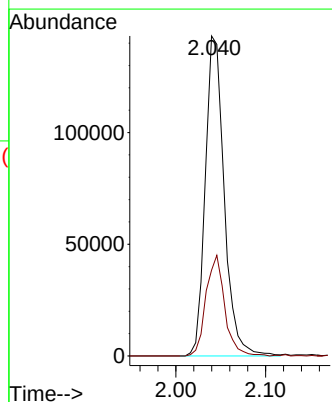
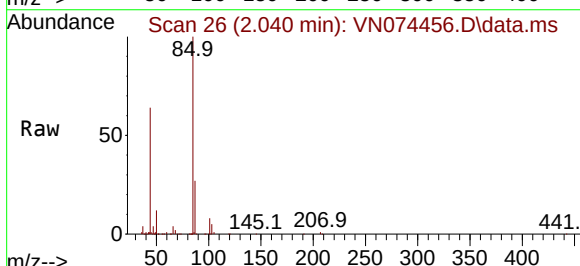
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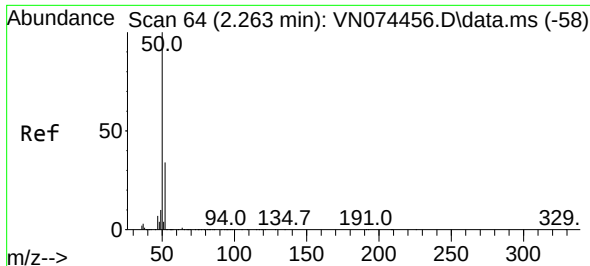
Reviewed By :John Carlone 09/16/2022
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#2
Dichlorodifluoromethane
Concen: 49.434 ug/l
RT: 2.040 min Scan# 26
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

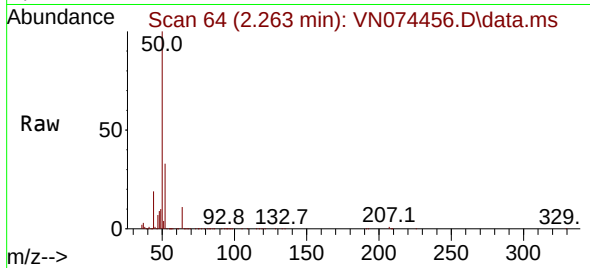
Tgt Ion: 85 Resp: 210166
Ion Ratio Lower Upper
85 100
87 26.8 15.7 47.1





#3
Chloromethane
Concen: 70.827 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

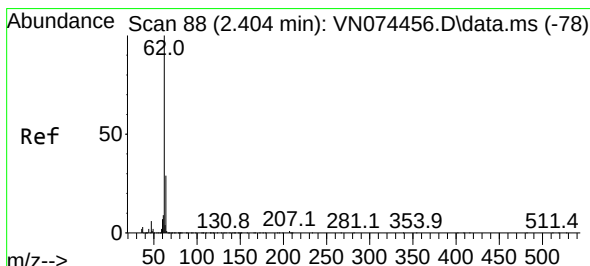
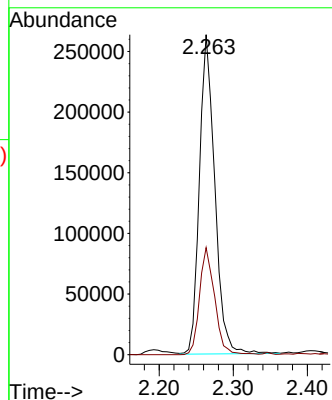
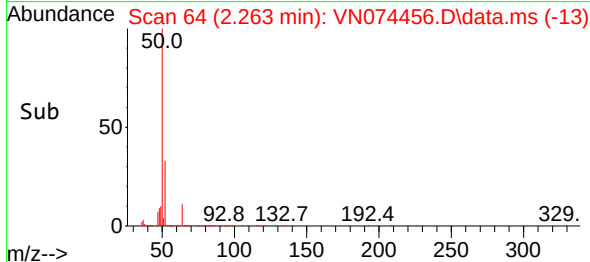
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Tgt Ion: 50 Resp: 37898
Ion Ratio Lower Upper
50 100
52 33.6 25.7 38.5

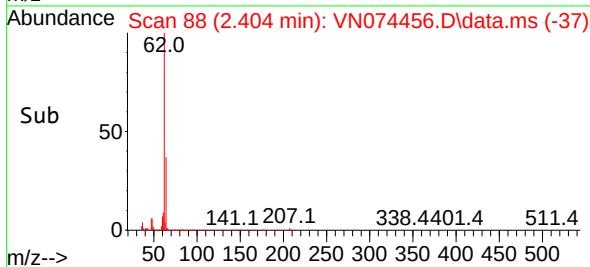
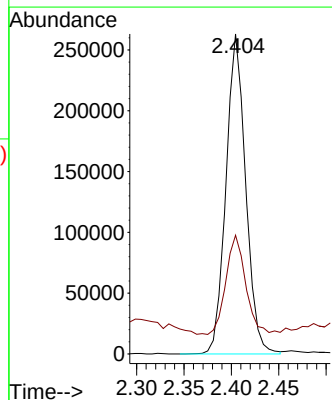
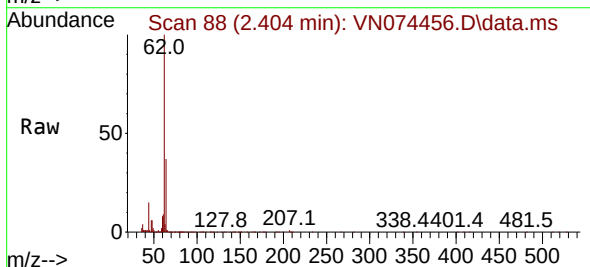
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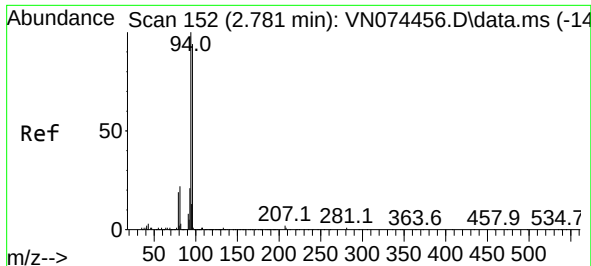
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#4
Vinyl Chloride
Concen: 85.202 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074456.D
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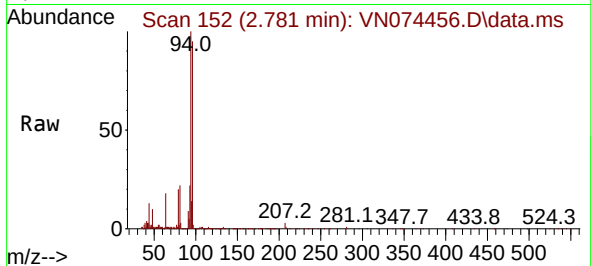
Tgt Ion: 62 Resp: 380861
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4





#5
Bromomethane
Concen: 105.215 ug/l
RT: 2.781 min Scan# 152
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

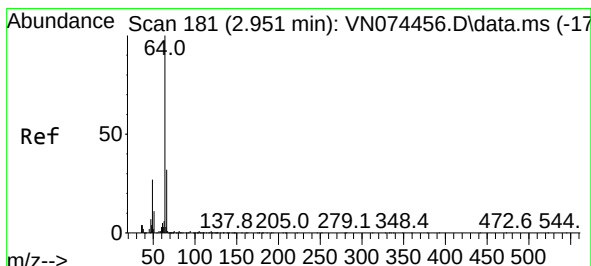
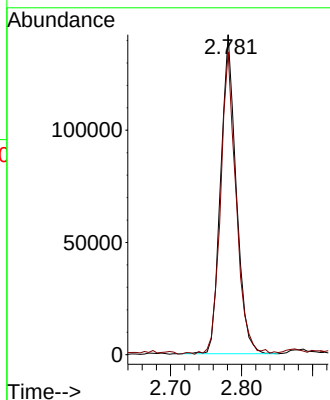
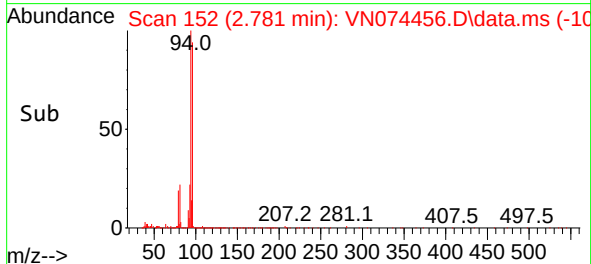
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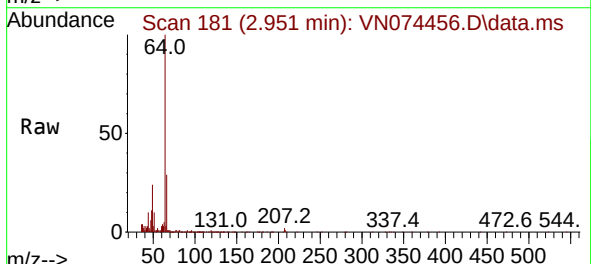
Tgt Ion: 94 Resp: 215772
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0

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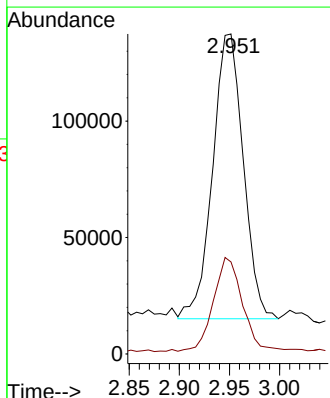
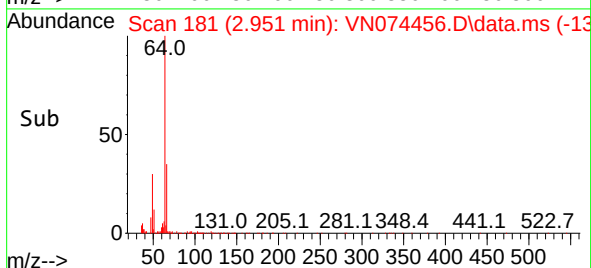
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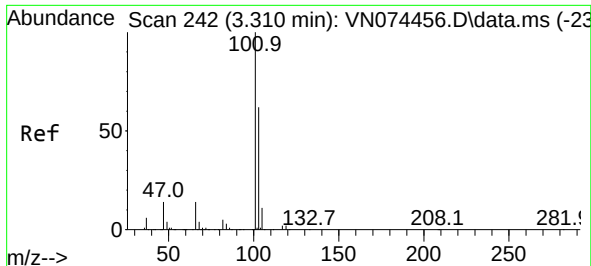


#6
Chloroethane
Concen: 90.295 ug/l
RT: 2.951 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN074456.D
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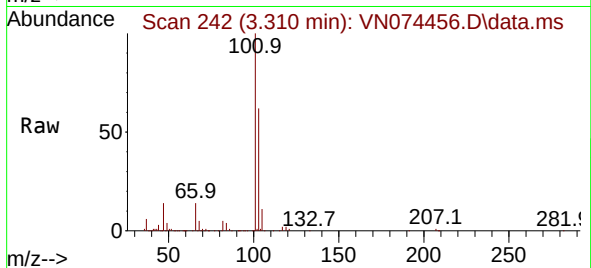
Tgt Ion: 64 Resp: 259991
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 63.470 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN074456.D
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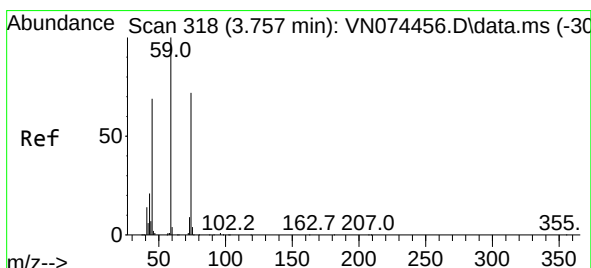
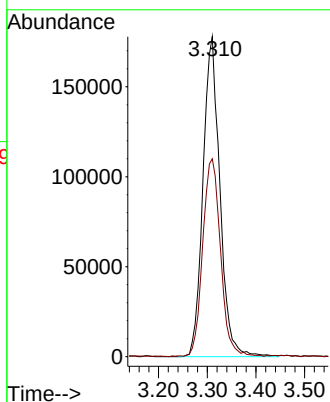
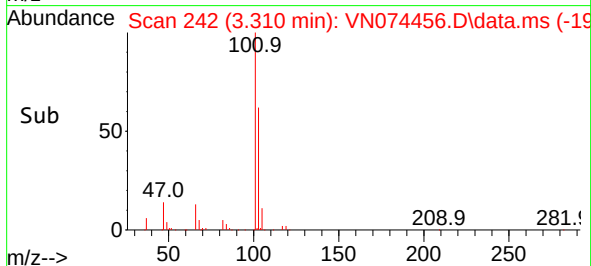
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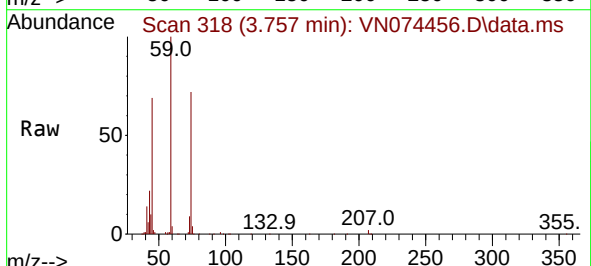
Tgt Ion:101 Resp: 42794
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.5 77.3

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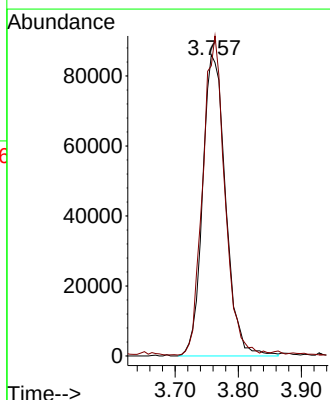
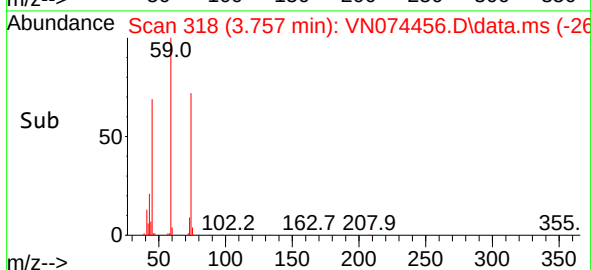
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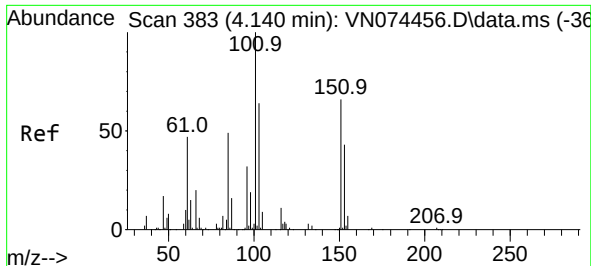


#8
 Diethyl Ether
 Concen: 63.750 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 218242
 Ion Ratio Lower Upper
 74 100
 45 100.6 42.9 128.5





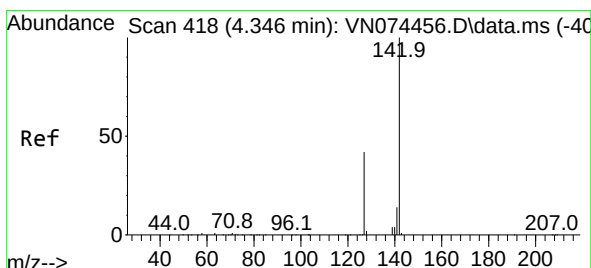
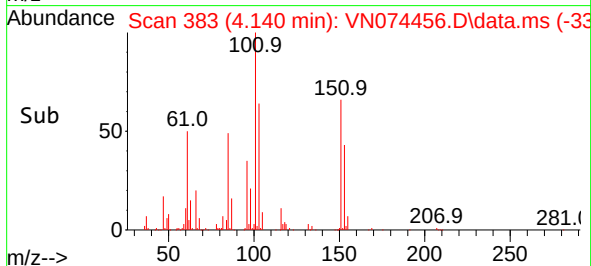
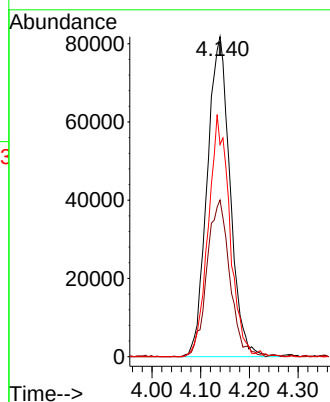
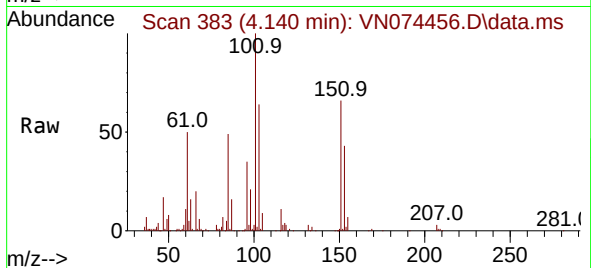
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.990 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 26615
Ion Ratio Lower Upper
101 100
85 48.9 34.7 52.1
151 70.9 63.0 94.4

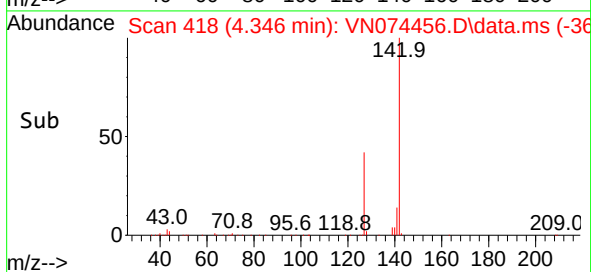
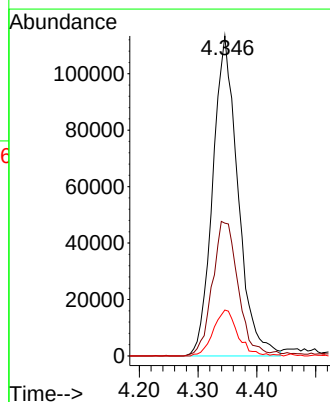
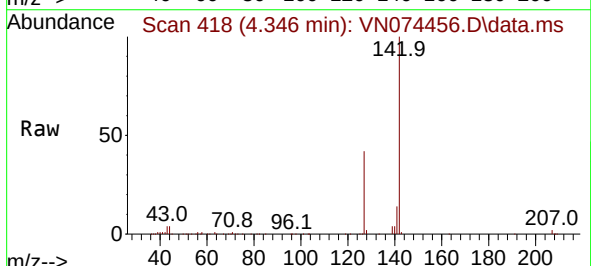
Manual Integrations
APPROVED

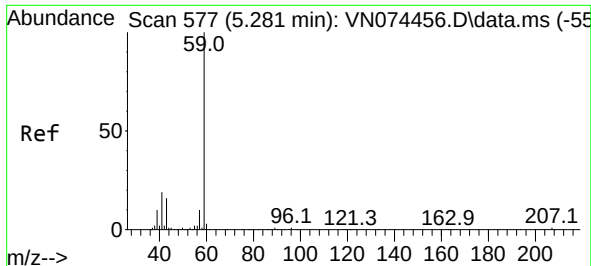
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 63.382 ug/l
RT: 4.346 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

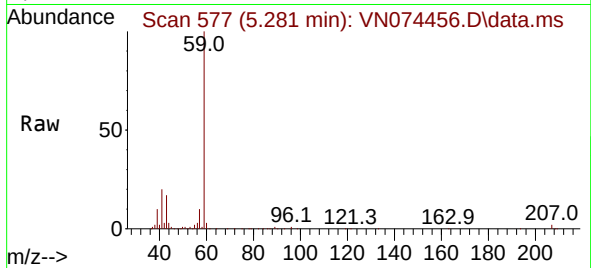
Tgt Ion:142 Resp: 337789
Ion Ratio Lower Upper
142 100
127 42.9 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 315.450 ug/l
RT: 5.281 min Scan# 577
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

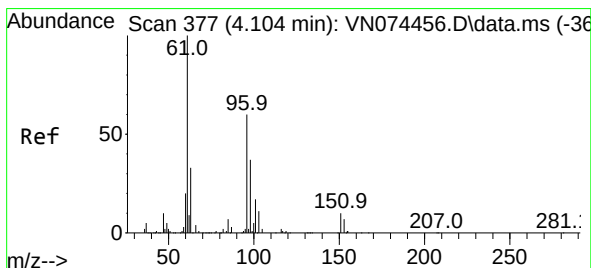
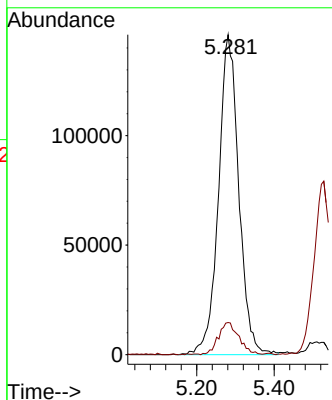
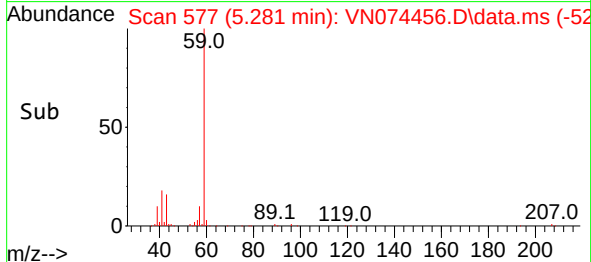
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



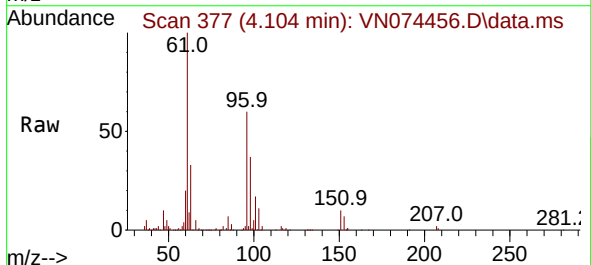
Tgt Ion: 59 Resp: 530314
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

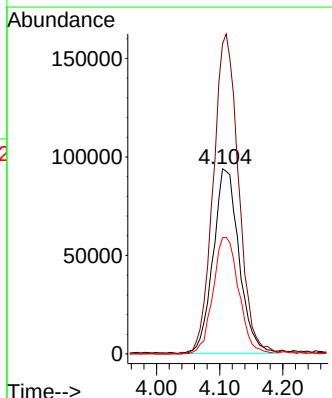
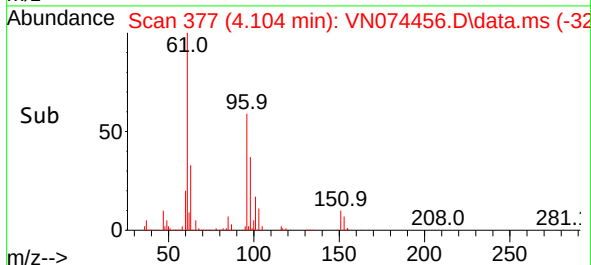
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

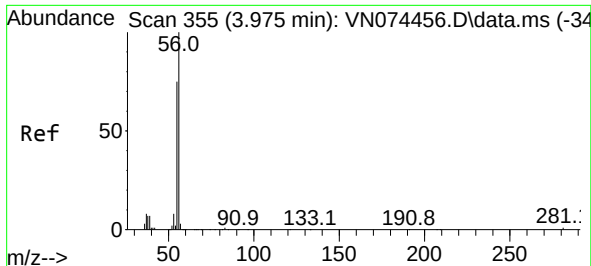


#12
1,1-Dichloroethene
Concen: 59.446 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



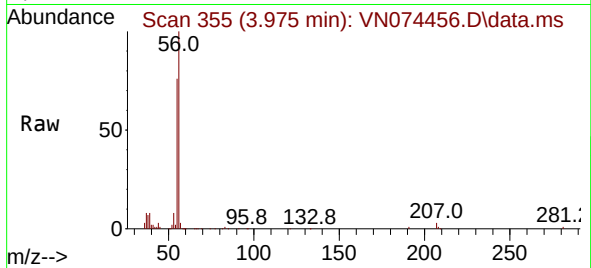
Tgt Ion: 96 Resp: 266868
Ion Ratio Lower Upper
96 100
61 168.0 127.6 191.4
98 62.9 51.2 76.8





#13
Acrolein
Concen: 325.450 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

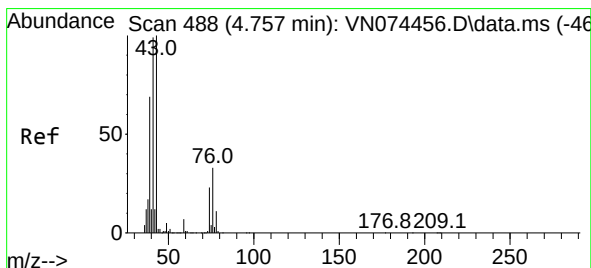
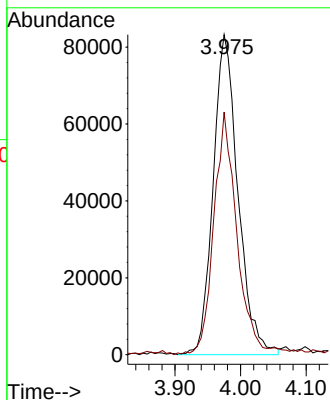
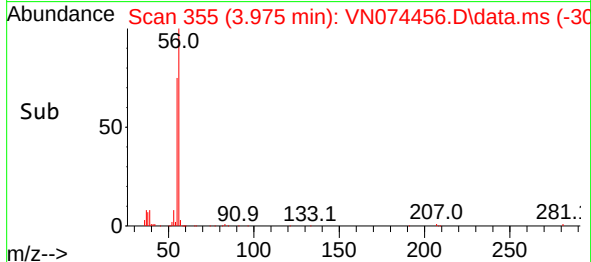
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 218762
Ion Ratio Lower Upper
56 100
55 71.0 54.8 82.2

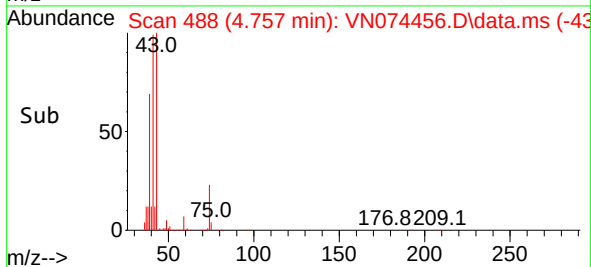
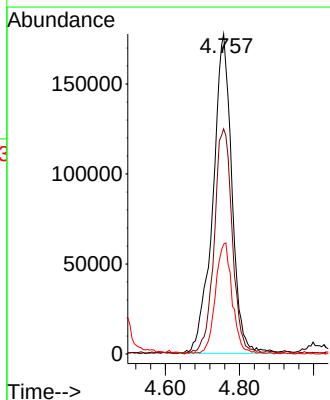
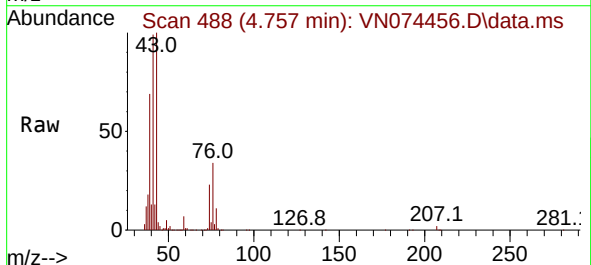
Manual Integrations
APPROVED

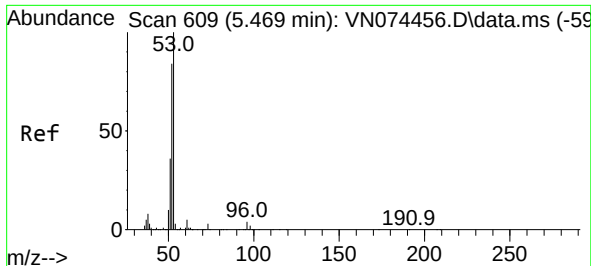
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 64.419 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

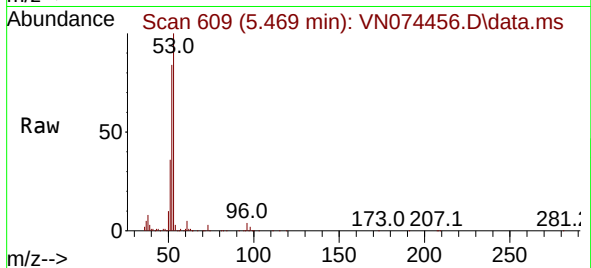
Tgt Ion: 41 Resp: 633274
Ion Ratio Lower Upper
41 100
39 67.3 53.2 79.8
76 30.0 29.9 44.9





#15
Acrylonitrile
Concen: 330.798 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

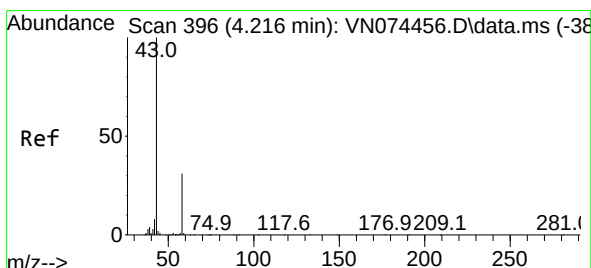
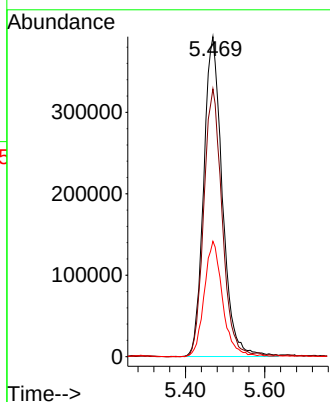
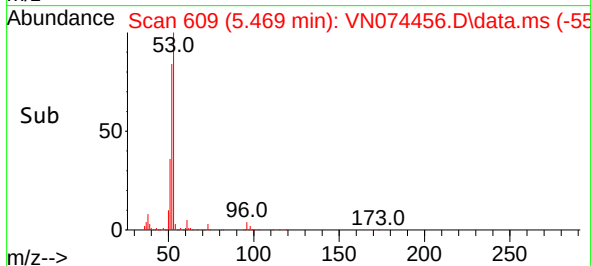
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



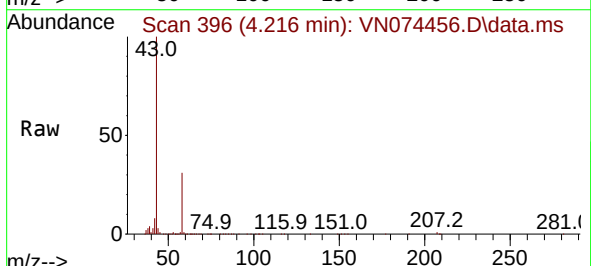
Tgt Ion: 53 Resp: 128396
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
APPROVED

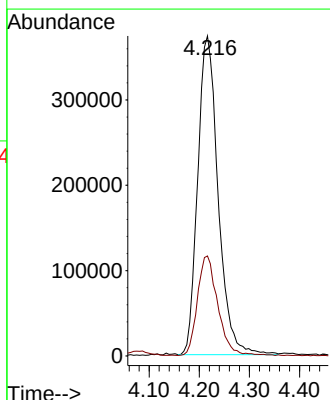
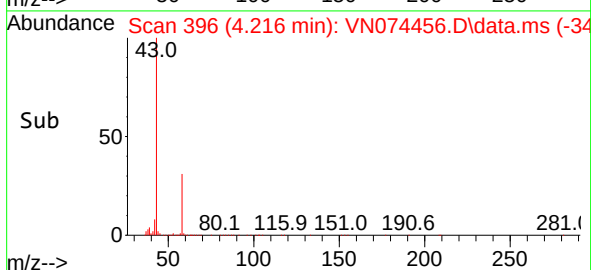
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

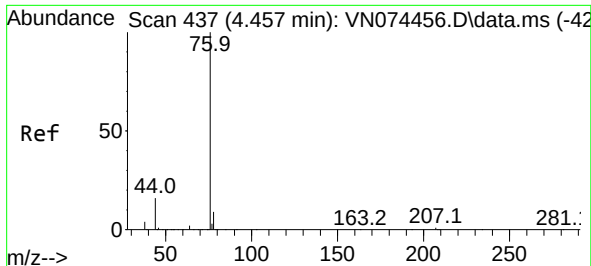


#16
Acetone
Concen: 300.381 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



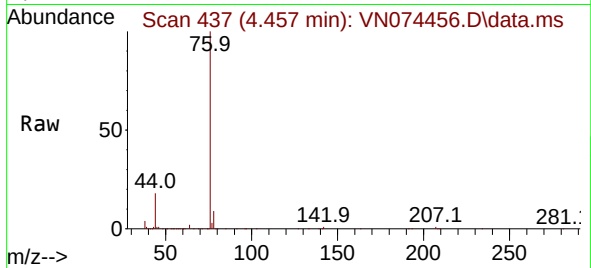
Tgt Ion: 43 Resp: 1057762
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0





#17
Carbon Disulfide
Concen: 61.462 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

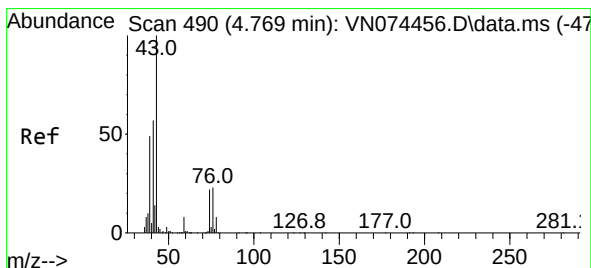
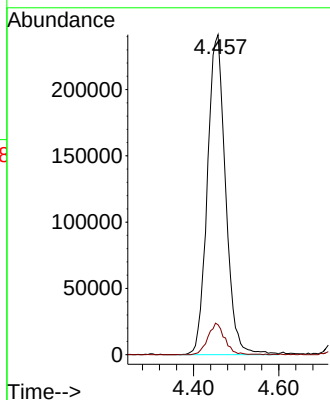
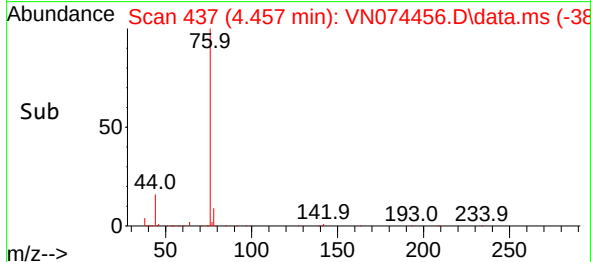
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



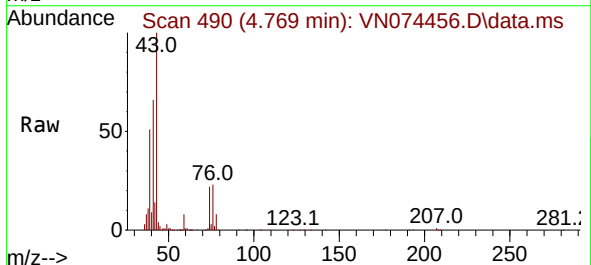
Tgt Ion: 76 Resp: 716138
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
APPROVED

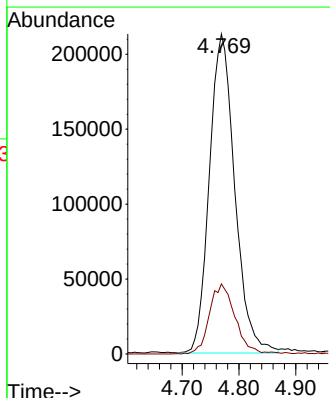
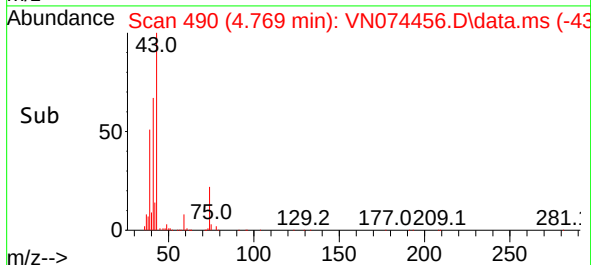
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

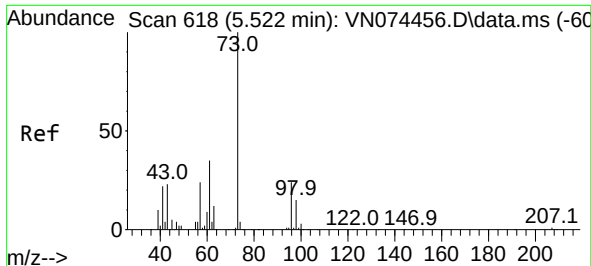


#18
Methyl Acetate
Concen: 68.049 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



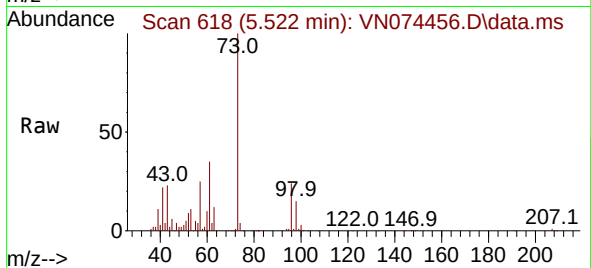
Tgt Ion: 43 Resp: 662442
Ion Ratio Lower Upper
43 100
74 22.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 65.502 ug/l
RT: 5.522 min Scan# 618
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

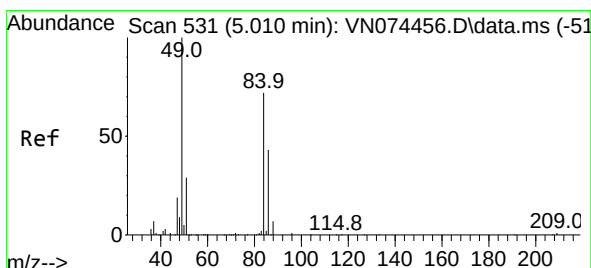
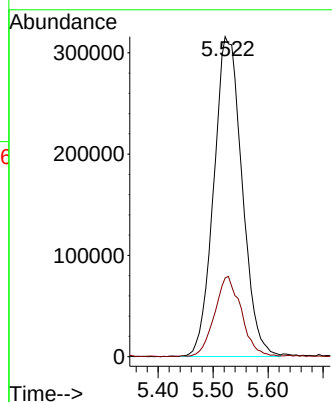
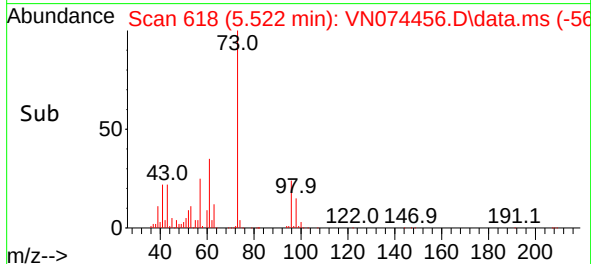
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 112836
Ion Ratio Lower Upper
73 100
57 24.4 17.6 26.4

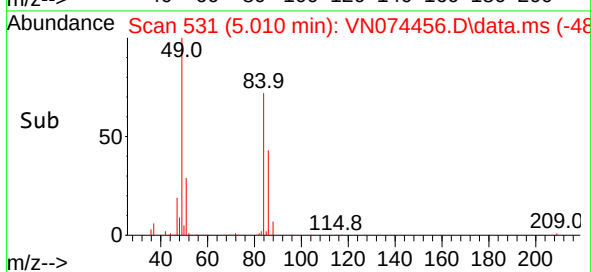
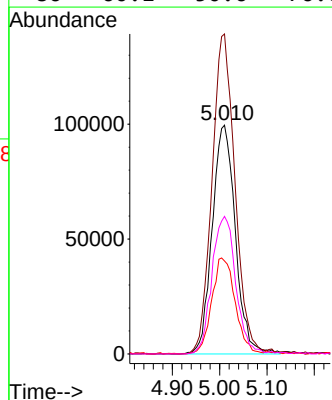
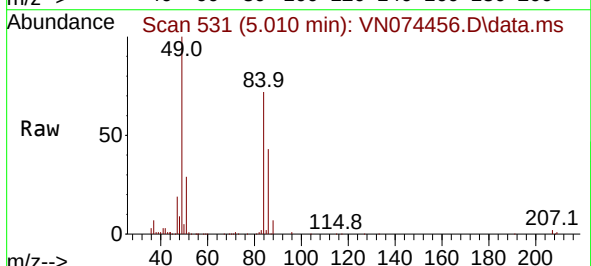
Manual Integrations
APPROVED

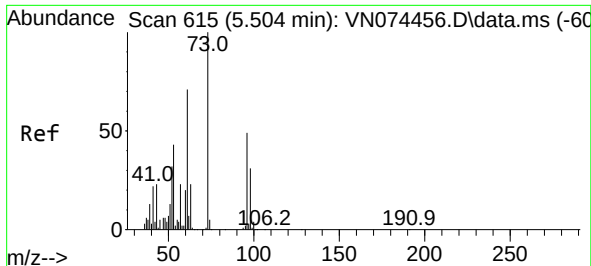
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#20
Methylene Chloride
Concen: 56.995 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

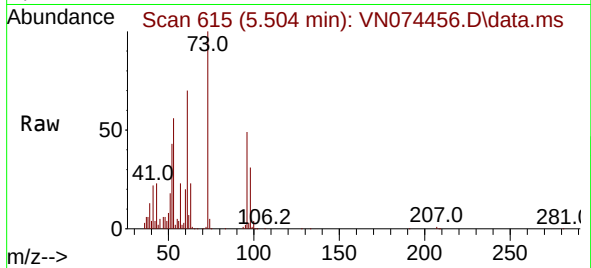
Tgt Ion: 84 Resp: 337802
Ion Ratio Lower Upper
84 100
49 139.8 88.3 132.5#
51 40.6 28.2 42.2
86 60.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 60.576 ug/l
RT: 5.504 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

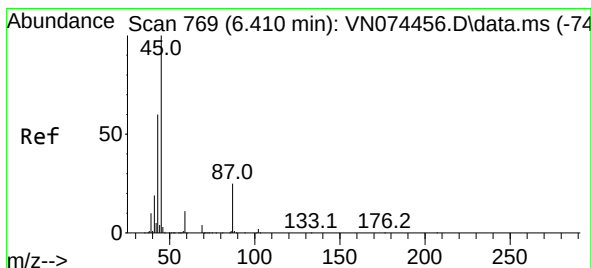
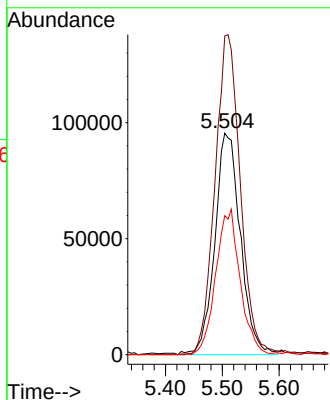
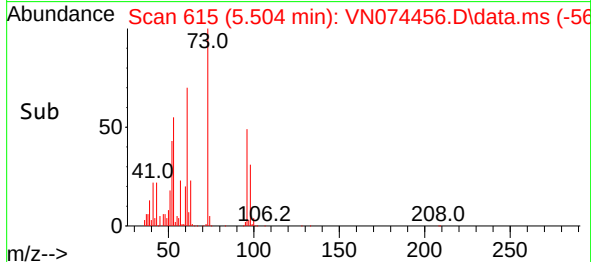
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 298610
Ion Ratio Lower Upper
96 100
61 143.9 105.8 158.8
98 62.8 50.3 75.5

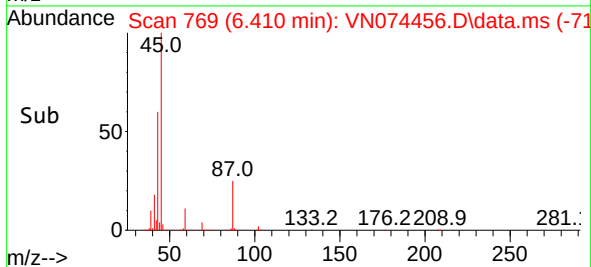
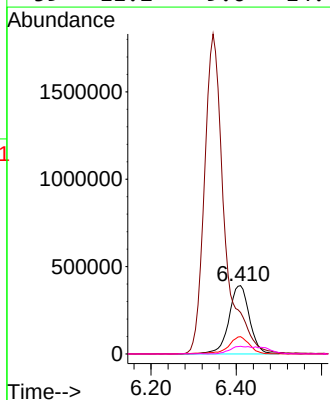
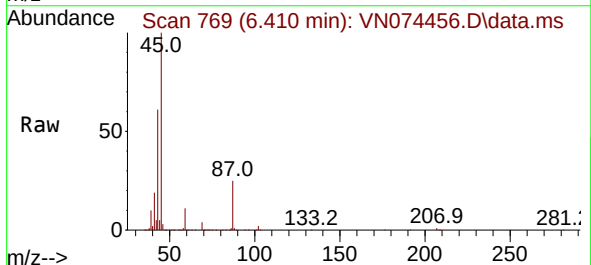
Manual Integrations
APPROVED

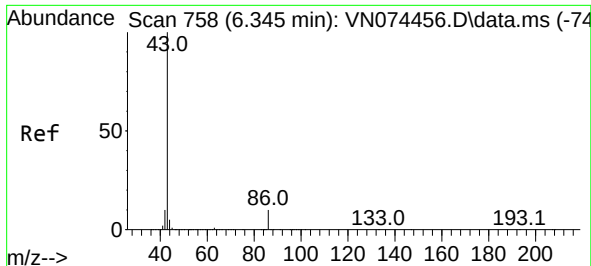
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 70.134 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

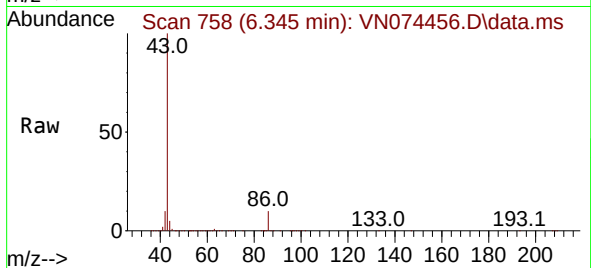
Tgt Ion: 45 Resp: 1306768
Ion Ratio Lower Upper
45 100
43 60.4 46.6 70.0
87 25.1 24.3 36.5
59 11.2 9.6 14.4





#23
 Vinyl Acetate
 Concen: 346.888 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074456.D
 Acq: 15 Sep 2022 11:48

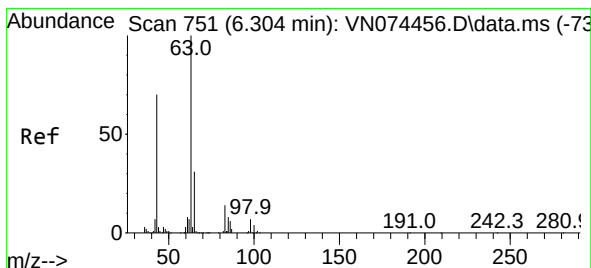
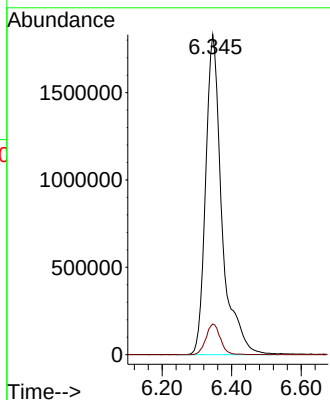
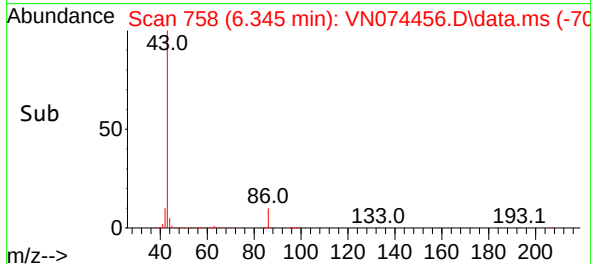
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



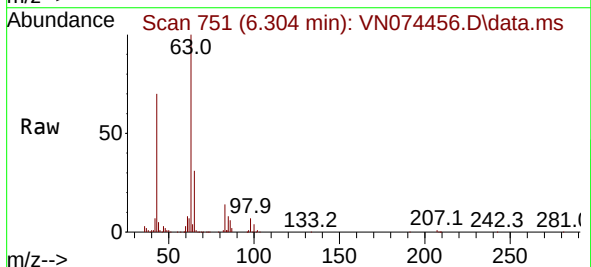
Tgt Ion: 43 Resp: 5938024
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.0 15.0

Manual Integrations
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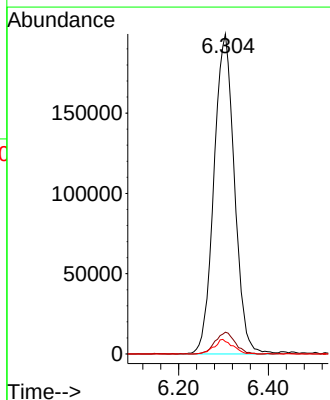
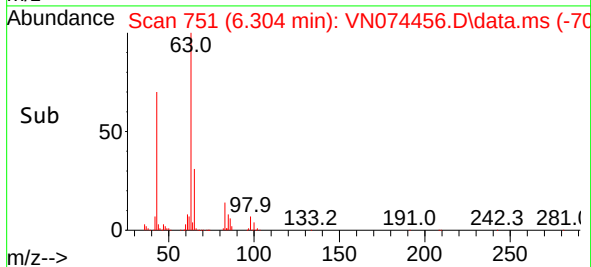
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

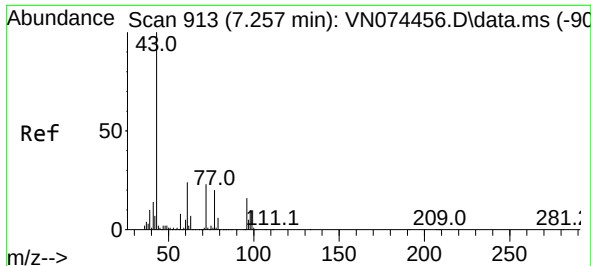


#24
 1,1-Dichloroethane
 Concen: 65.762 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074456.D
 Acq: 15 Sep 2022 11:48



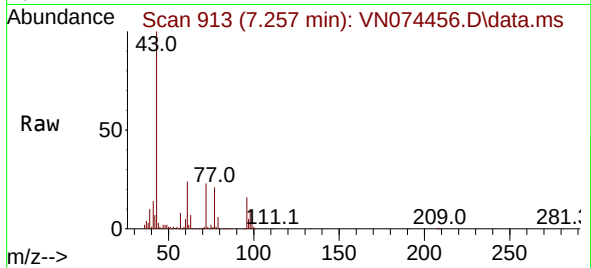
Tgt Ion: 63 Resp: 633068
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 3.8 2.3 6.8





#25
2-Butanone
Concen: 329.691 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

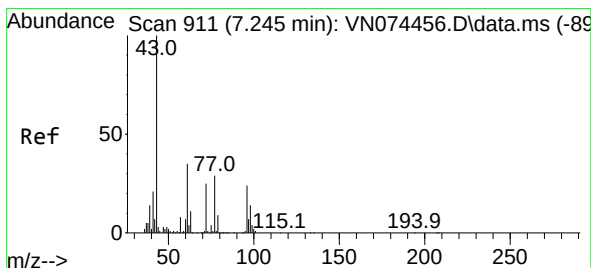
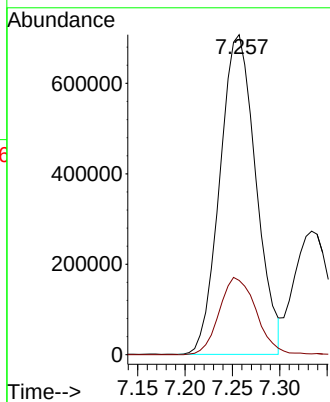
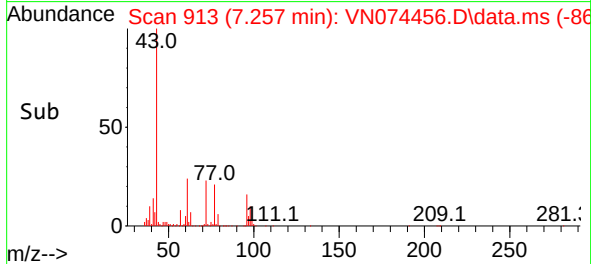
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



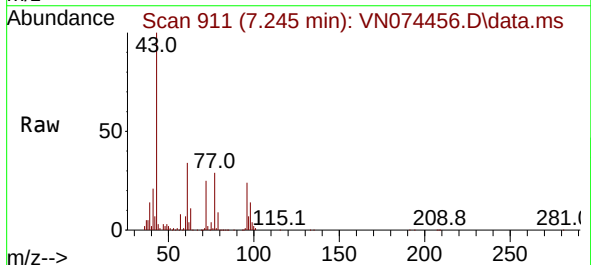
Tgt Ion: 43 Resp: 187376
Ion Ratio Lower Upper
43 100
72 23.2 23.7 35.5

Manual Integrations
APPROVED

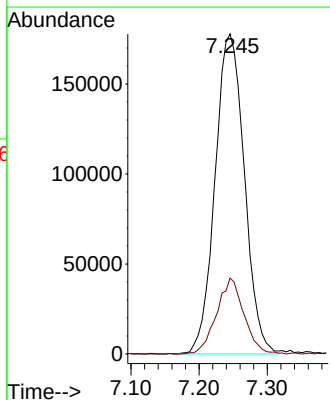
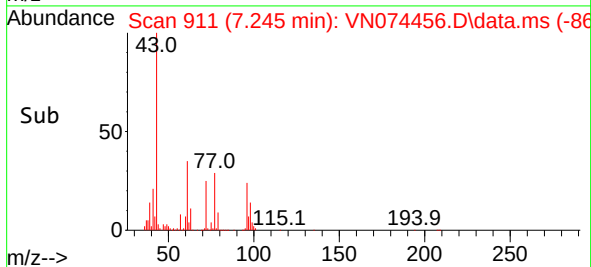
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

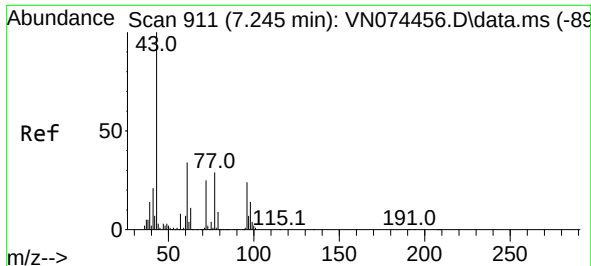


#26
2,2-Dichloropropane
Concen: 61.971 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



Tgt Ion: 77 Resp: 532310
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 62.656 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 37186

Ion Ratio Lower Upper

96 100

61 152.4 0.0 280.6

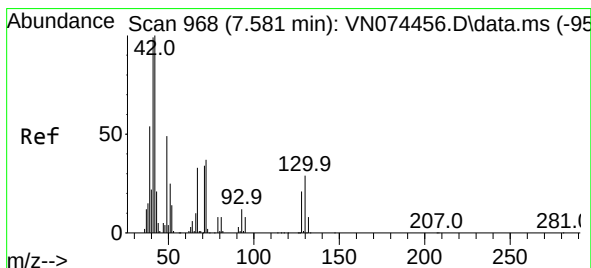
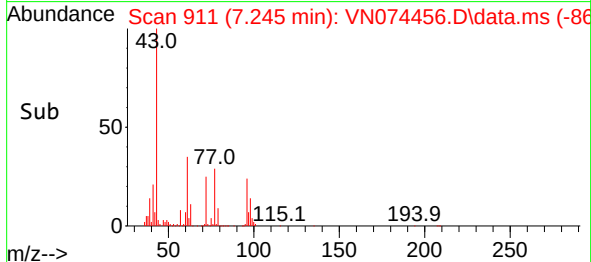
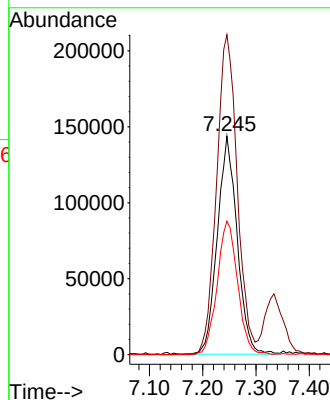
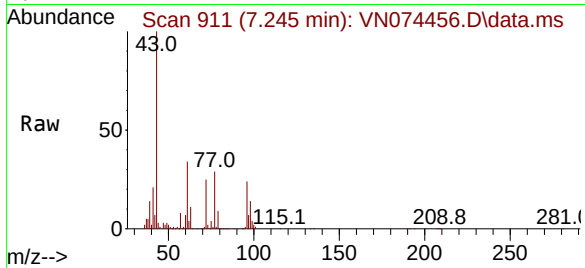
98 63.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 50.739 ug/l

RT: 7.581 min Scan# 968

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

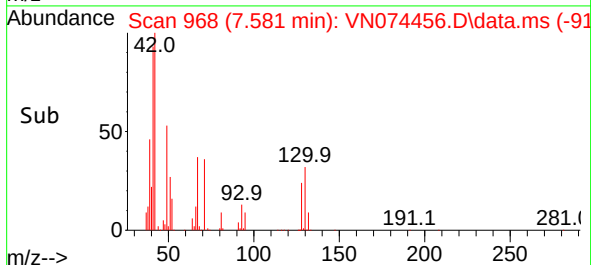
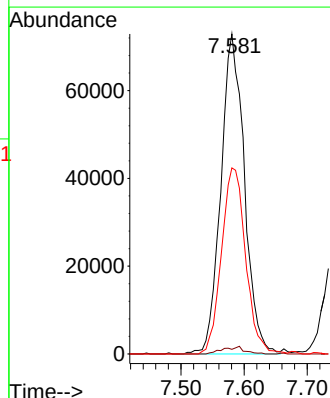
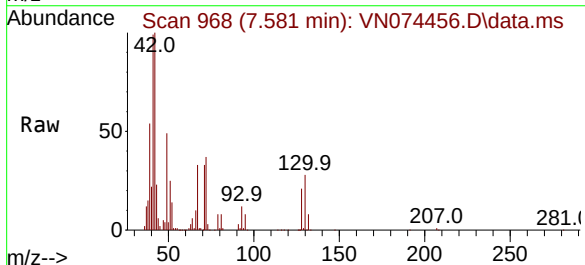
Tgt Ion: 49 Resp: 188664

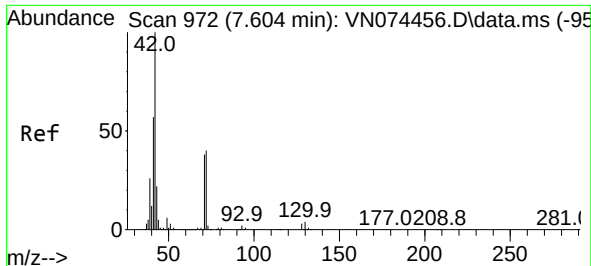
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 59.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 332.760 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 1253674

Ion Ratio Lower Upper

42 100

72 40.3 39.7 59.5

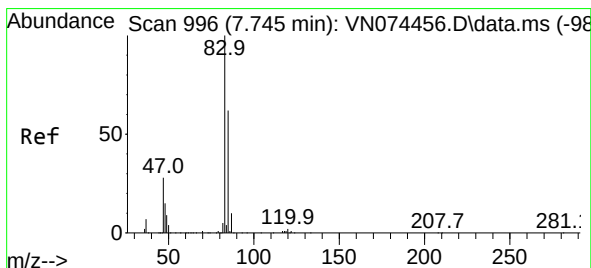
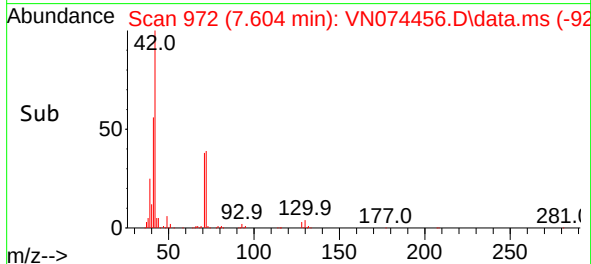
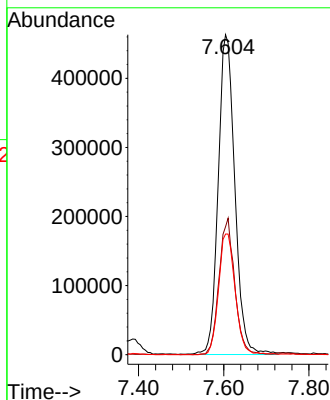
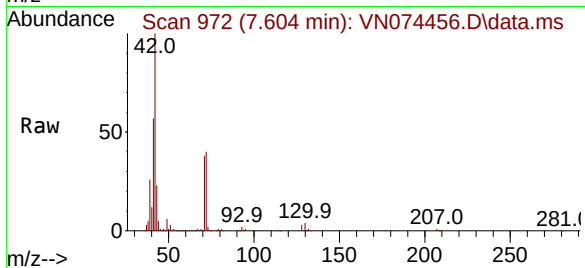
71 37.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 63.018 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074456.D

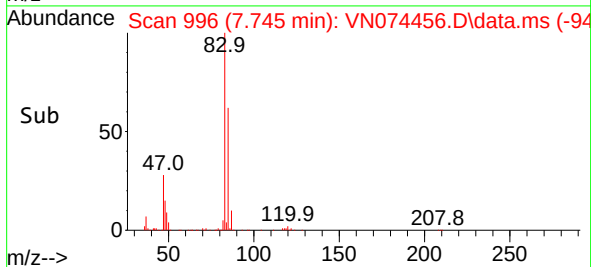
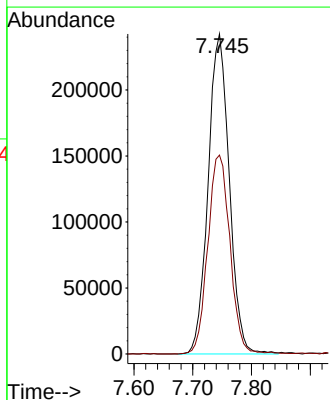
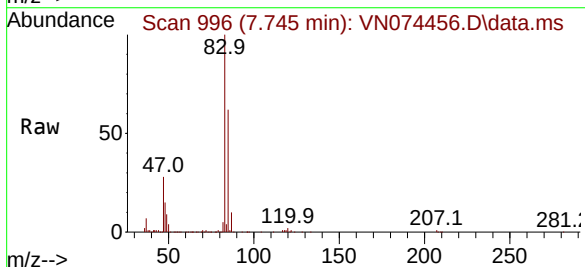
Acq: 15 Sep 2022 11:48

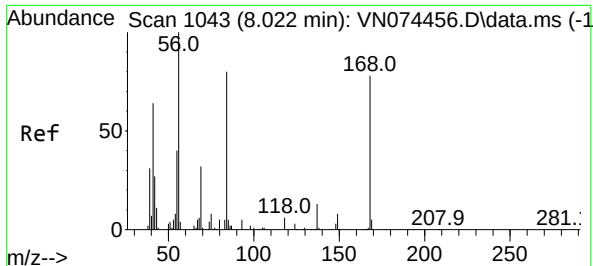
Tgt Ion: 83 Resp: 606215

Ion Ratio Lower Upper

83 100

85 62.2 51.8 77.8





#31

Cyclohexane

Concen: 65.150 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 59133

Ion Ratio Lower Upper

56 100

69 31.5 27.8 41.8

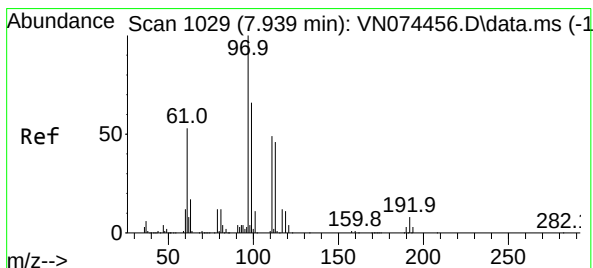
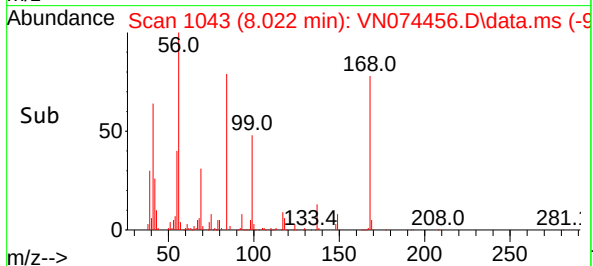
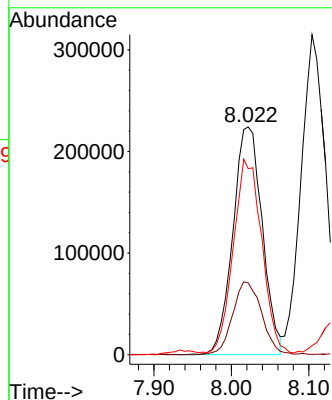
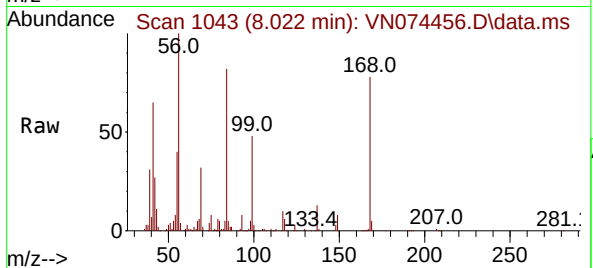
84 79.6 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#32

1,1,1-Trichloroethane

Concen: 61.047 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

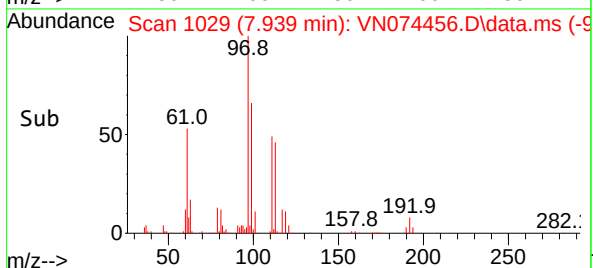
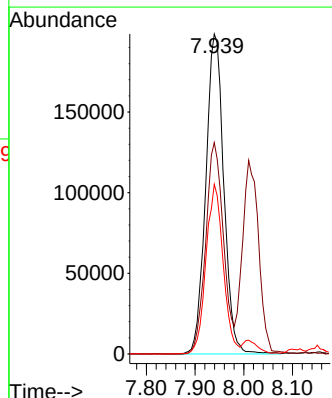
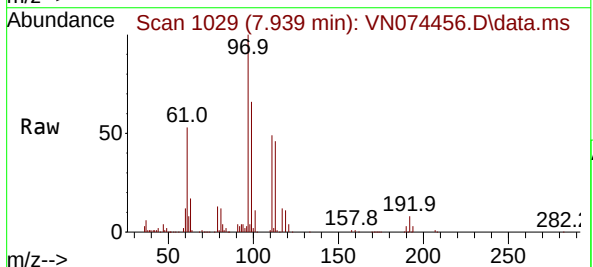
Tgt Ion: 97 Resp: 510553

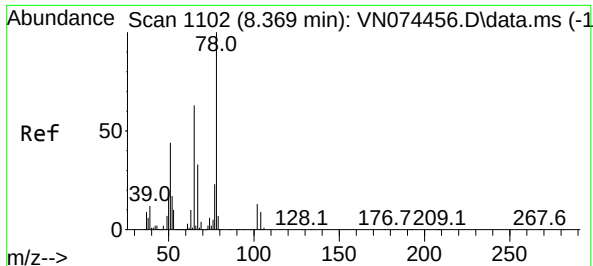
Ion Ratio Lower Upper

97 100

99 65.1 50.6 76.0

61 50.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 57.098 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 361910

Ion Ratio Lower Upper

65 100

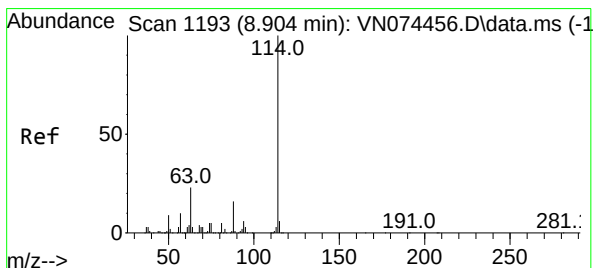
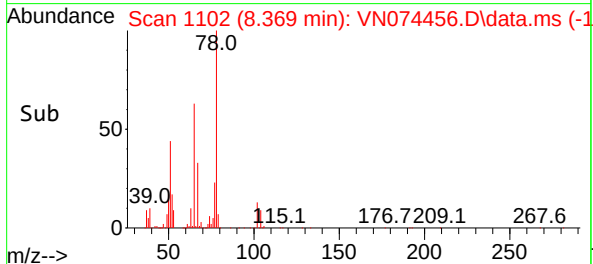
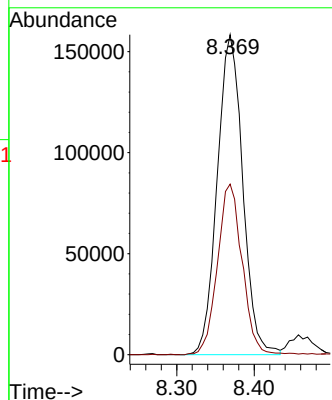
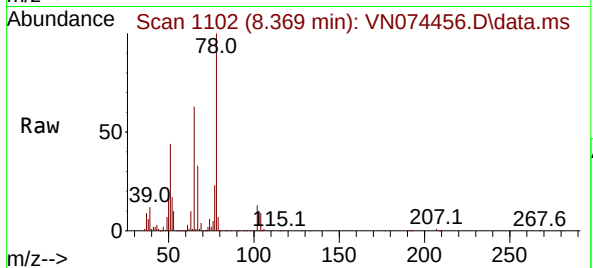
67 51.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

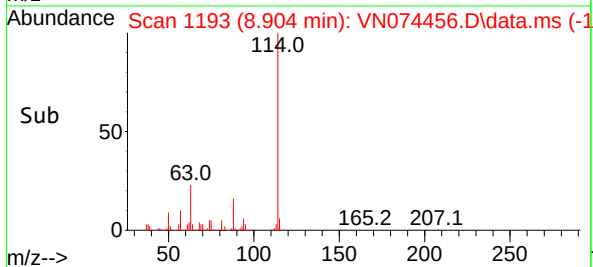
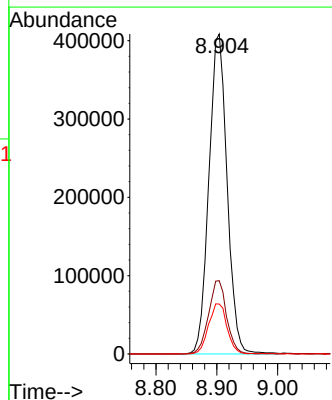
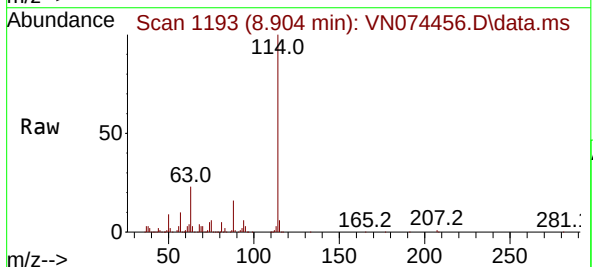
Tgt Ion:114 Resp: 847425

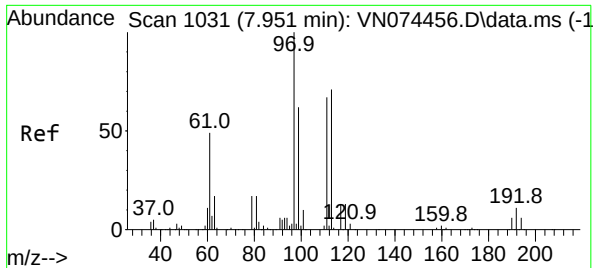
Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.685 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 27836

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

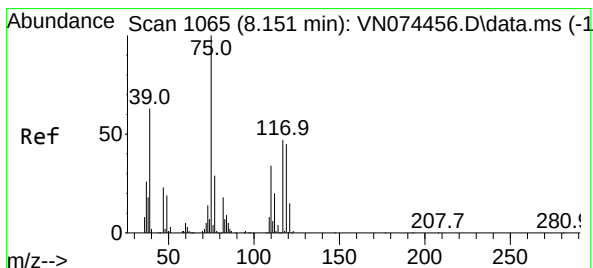
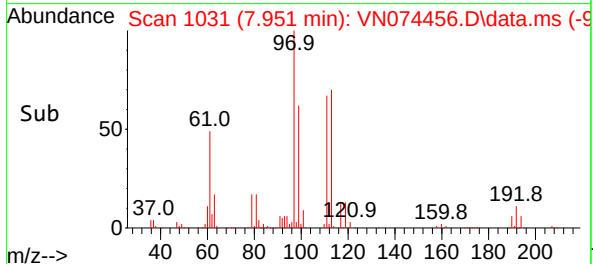
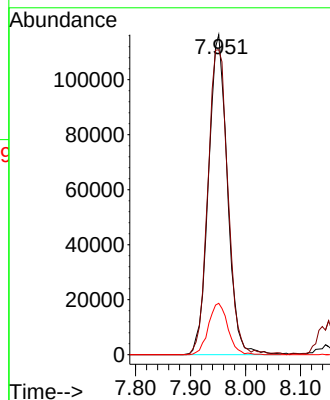
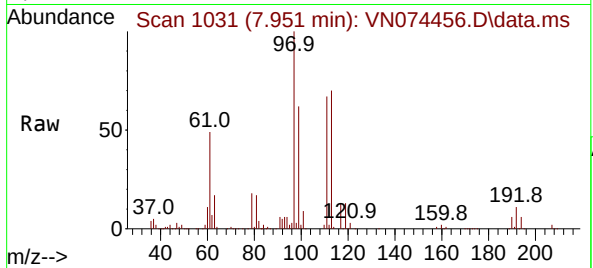
192 16.5 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#36

1,1-Dichloropropene

Concen: 60.752 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

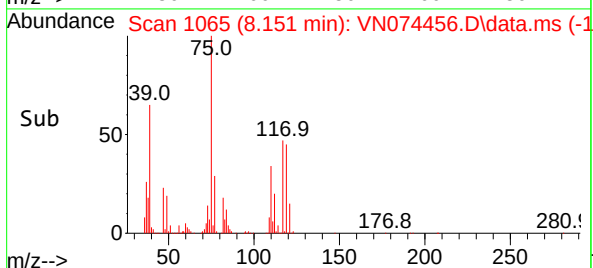
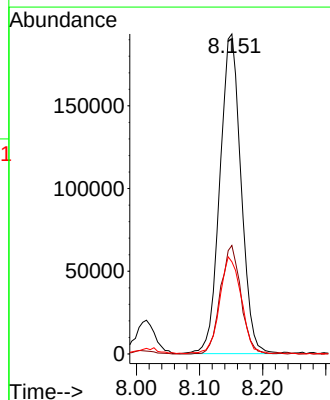
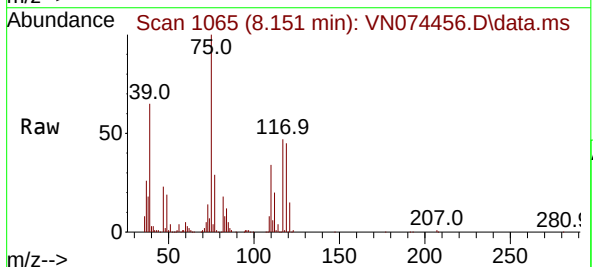
Tgt Ion: 75 Resp: 448722

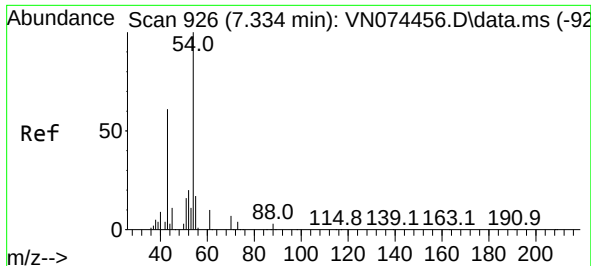
Ion Ratio Lower Upper

75 100

110 33.0 18.3 54.8

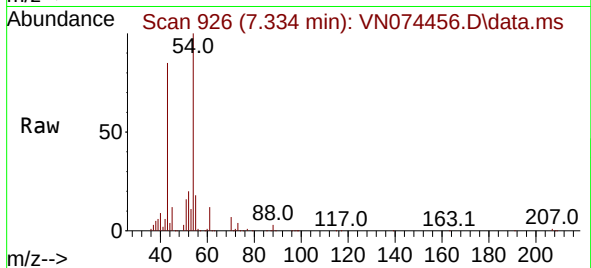
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 61.879 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

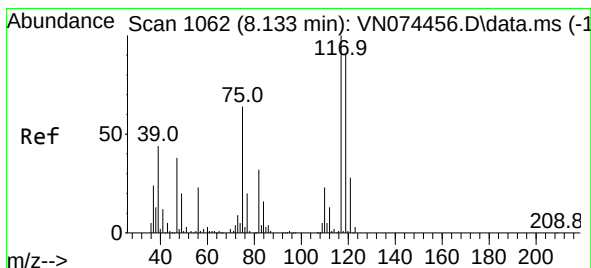
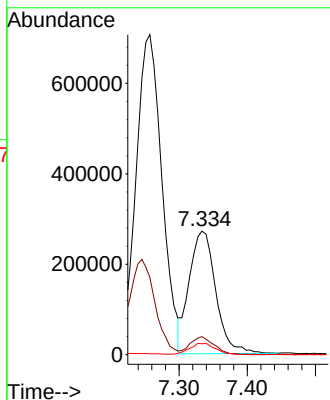
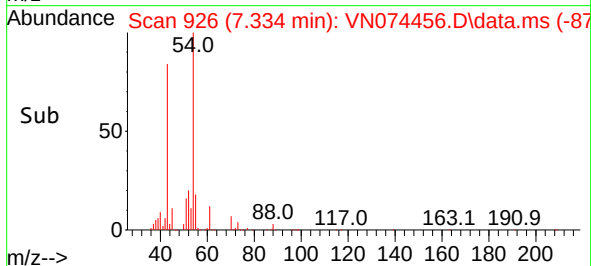
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 735989
Ion Ratio Lower Upper
43 100
61 13.2 11.8 17.6
70 9.0 9.3 13.9

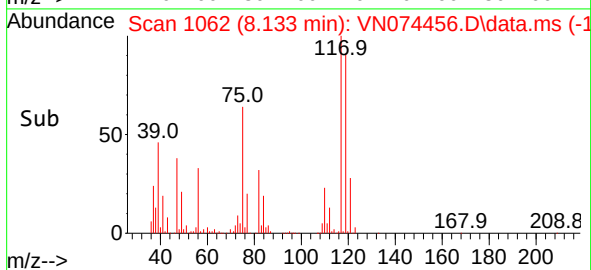
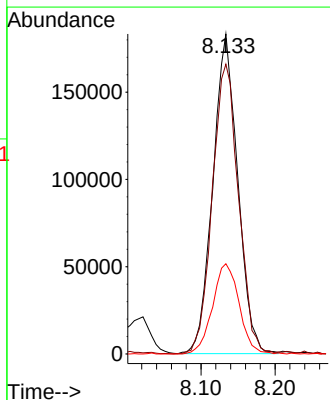
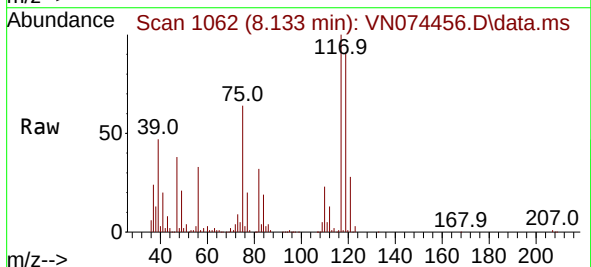
Manual Integrations
APPROVED

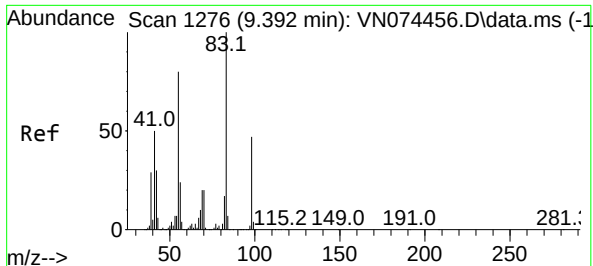
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#38
Carbon Tetrachloride
Concen: 56.173 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

Tgt Ion:117 Resp: 427707
Ion Ratio Lower Upper
117 100
119 90.5 75.8 113.8
121 28.2 24.6 37.0





#39

Methylcyclohexane

Concen: 63.048 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 56466

Ion Ratio Lower Upper

83 100

55 79.7 57.8 86.8

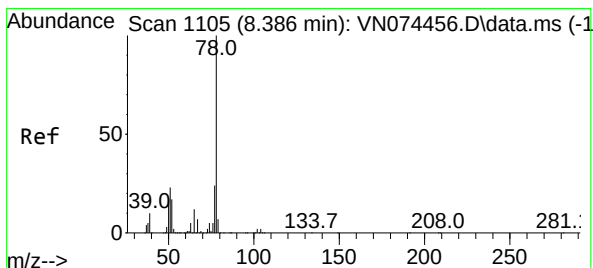
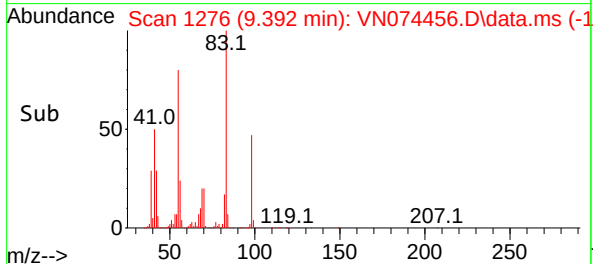
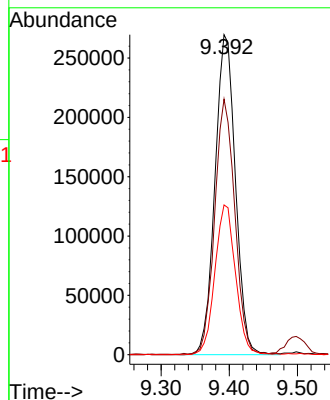
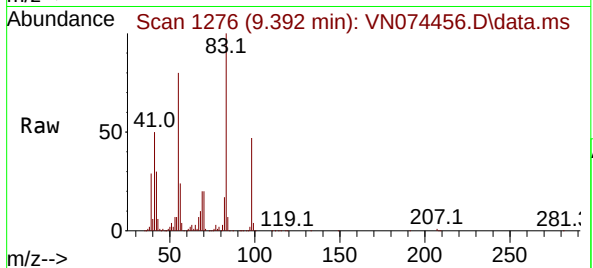
98 46.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 61.989 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074456.D

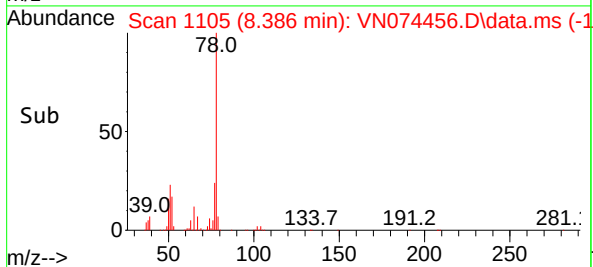
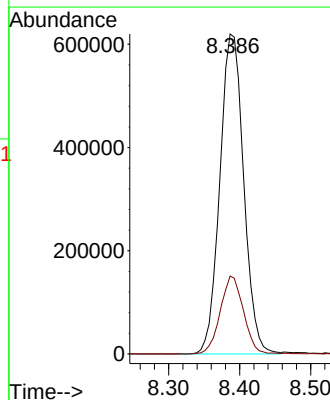
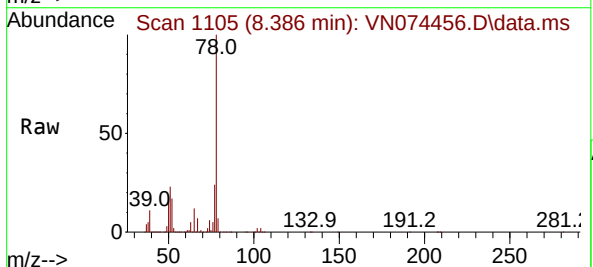
Acq: 15 Sep 2022 11:48

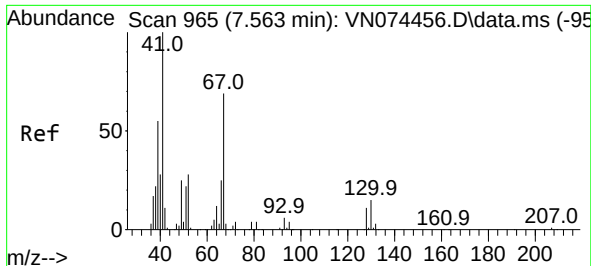
Tgt Ion: 78 Resp: 1443555

Ion Ratio Lower Upper

78 100

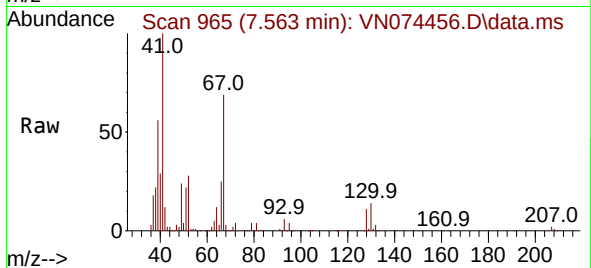
77 24.3 19.4 29.0





#41
Methacrylonitrile
Concen: 60.720 ug/l
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

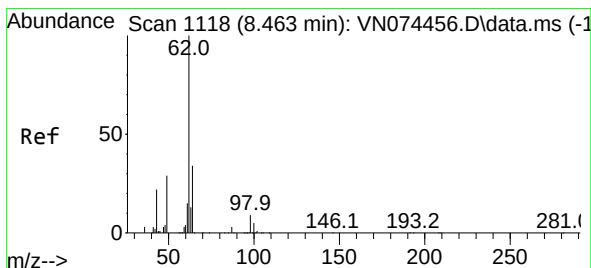
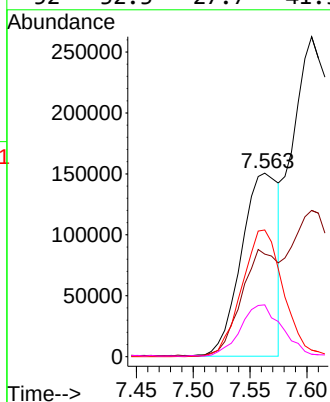
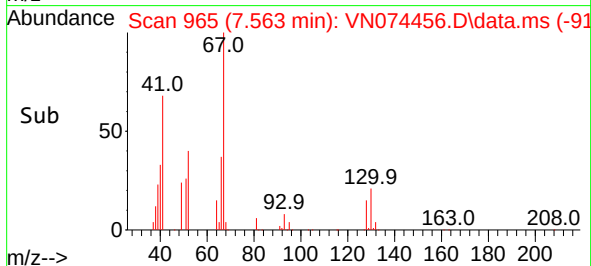
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



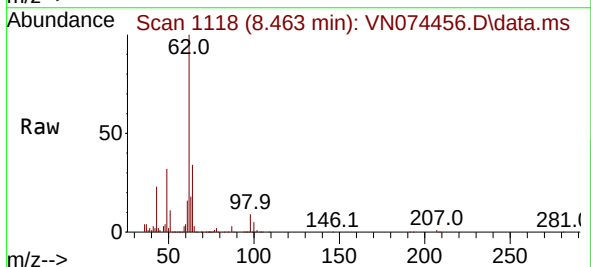
Tgt Ion: 41 Resp: 34157
Ion Ratio Lower Upper
41 100
39 56.4 48.6 73.0
67 77.8 73.4 110.2
52 32.3 27.7 41.5

Manual Integrations
APPROVED

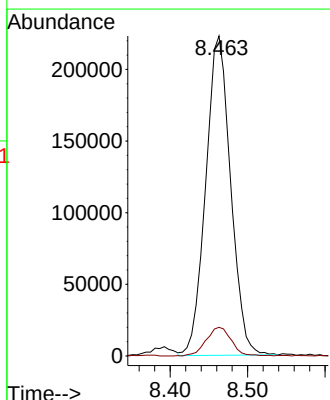
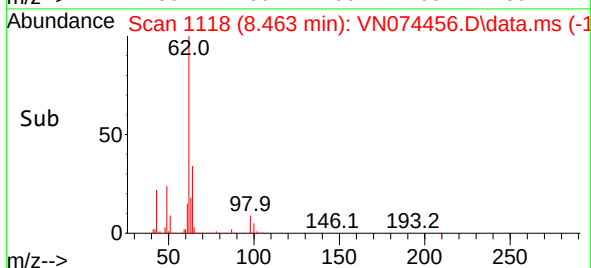
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

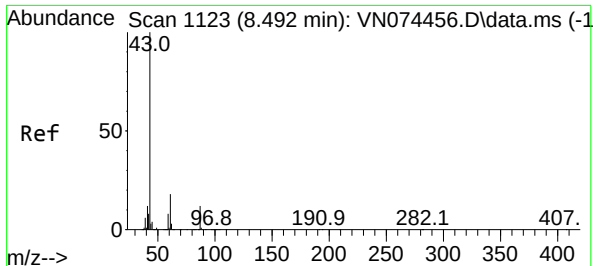


#42
1,2-Dichloroethane
Concen: 60.745 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



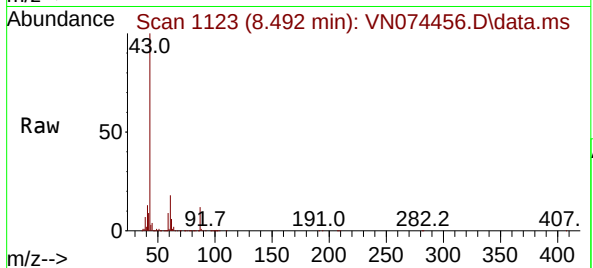
Tgt Ion: 62 Resp: 498548
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 65.771 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

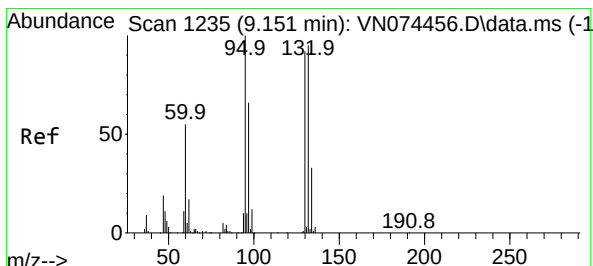
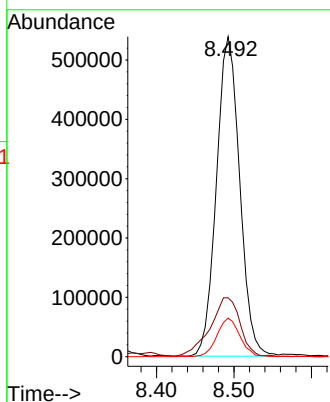
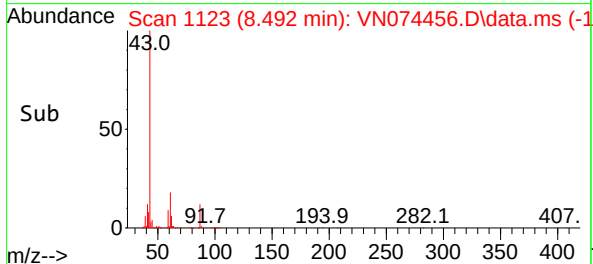
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 112702
Ion Ratio Lower Upper
43 100
61 23.7 21.9 32.9
87 11.9 12.0 18.0

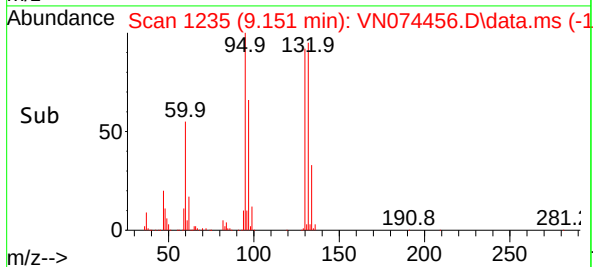
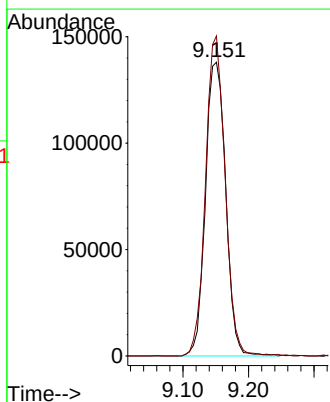
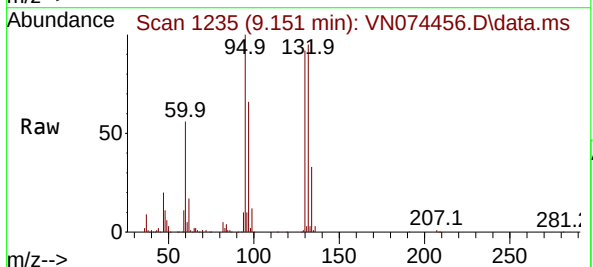
Manual Integrations
APPROVED

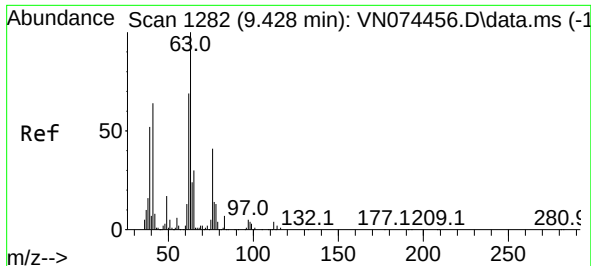
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#44
Trichloroethene
Concen: 52.135 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

Tgt Ion:130 Resp: 296619
Ion Ratio Lower Upper
130 100
95 108.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 64.853 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 391050

Ion Ratio Lower Upper

63 100

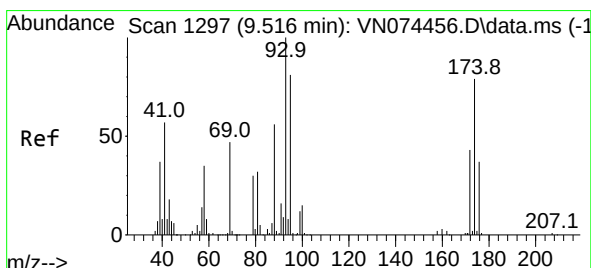
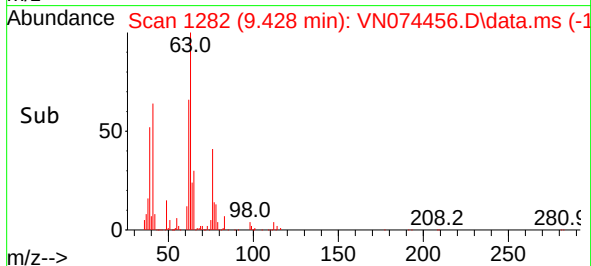
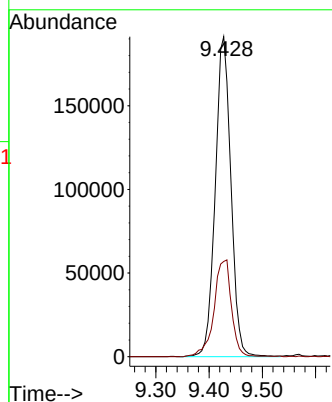
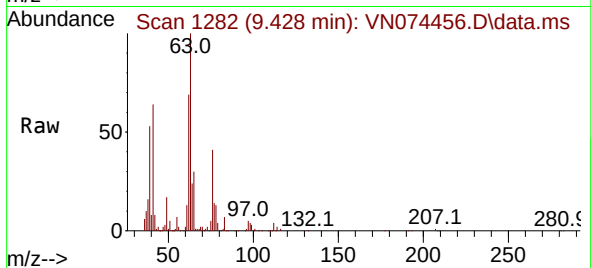
65 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 60.948 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

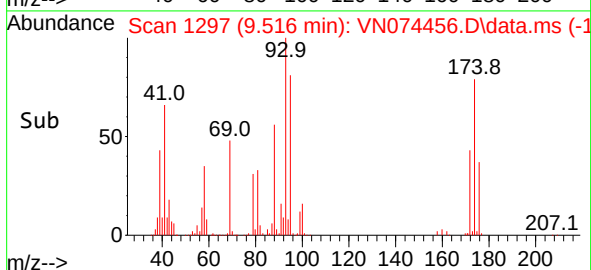
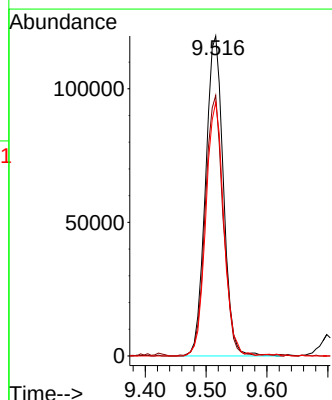
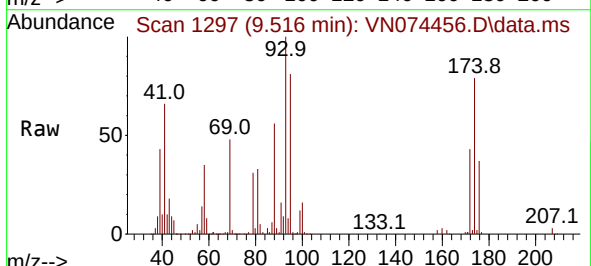
Tgt Ion: 93 Resp: 243867

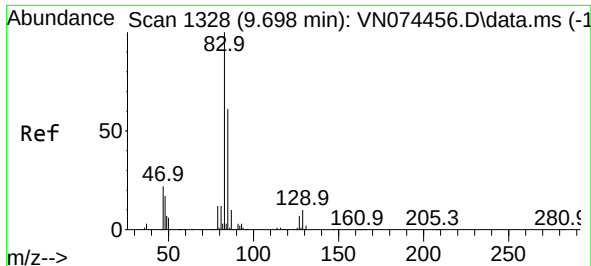
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

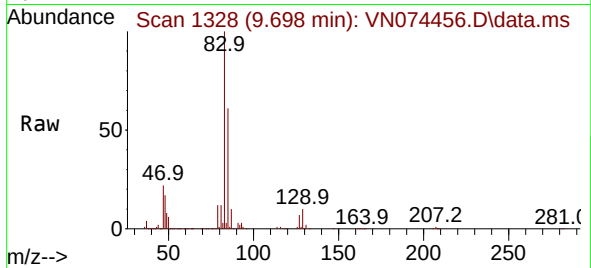
174 79.7 86.6 130.0#





#47
Bromodichloromethane
Concen: 61.614 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

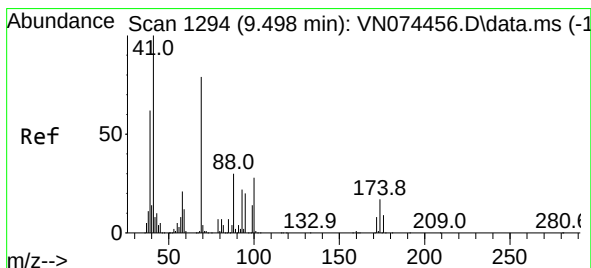
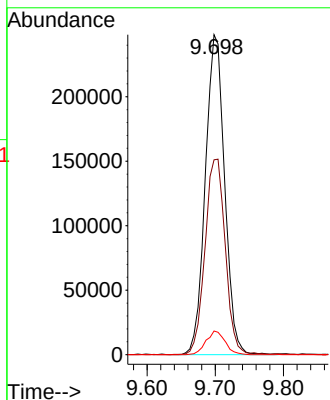
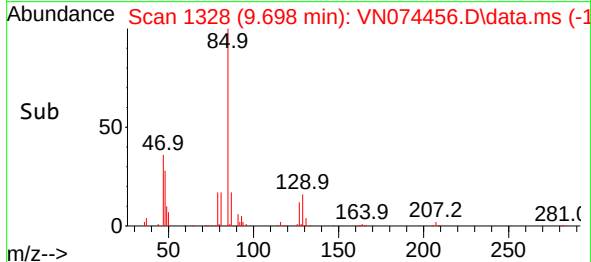
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



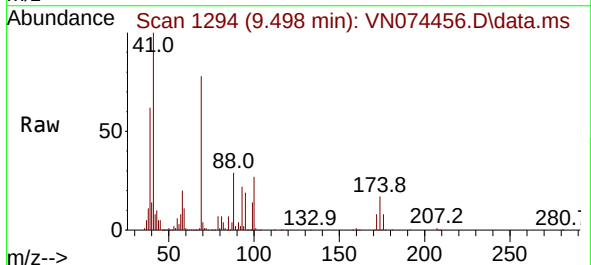
Tgt Ion: 83 Resp: 489970
Ion Ratio Lower Upper
83 100
85 60.8 50.5 75.7
127 7.4 6.8 10.2

Manual Integrations
APPROVED

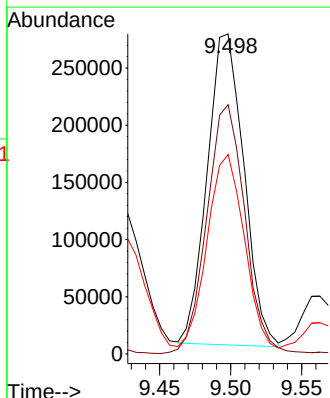
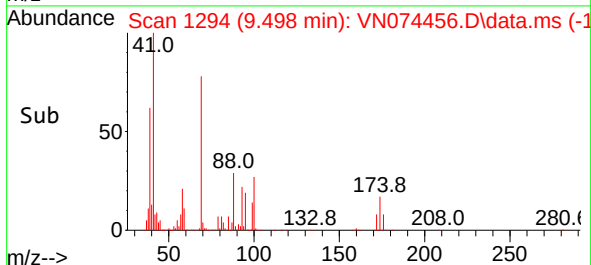
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

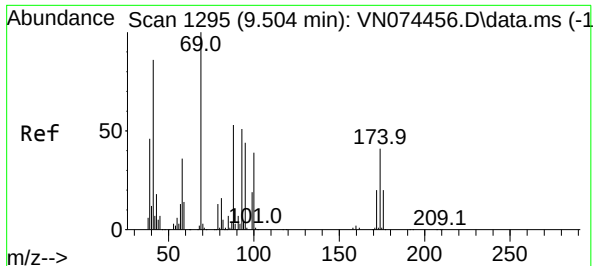


#48
Methyl methacrylate
Concen: 63.033 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



Tgt Ion: 41 Resp: 488730
Ion Ratio Lower Upper
41 100
69 83.1 74.7 112.1
39 66.2 45.6 68.4





#49

1,4-Dioxane

Concen: 1124.110 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 19116

Ion Ratio Lower Upper

88 100

43 34.3 20.2 30.4

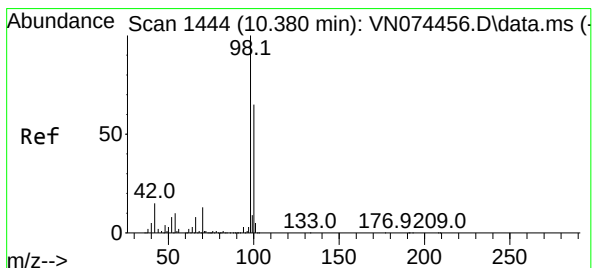
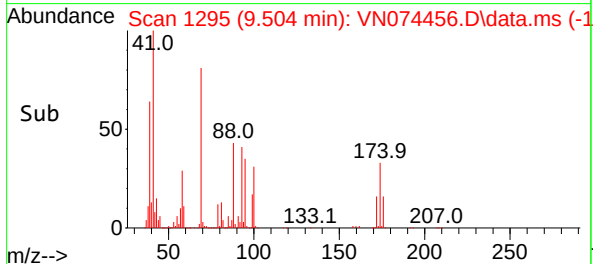
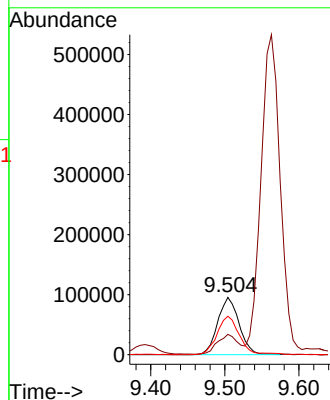
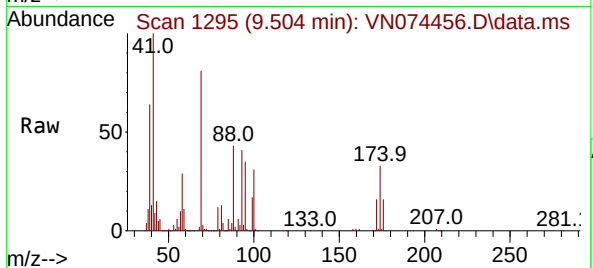
58 70.5 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#50

Toluene-d8

Concen: 53.190 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074456.D

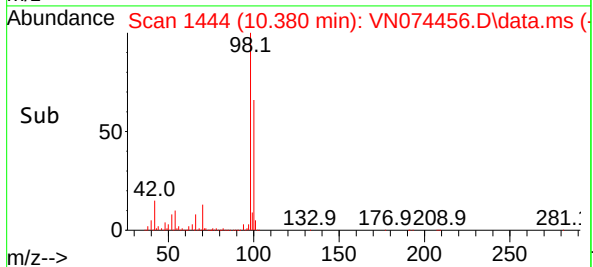
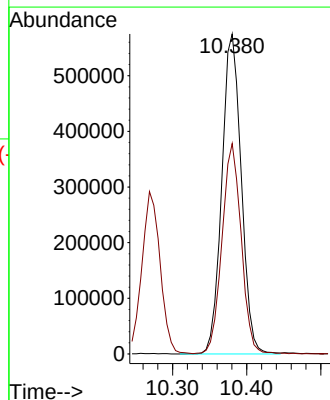
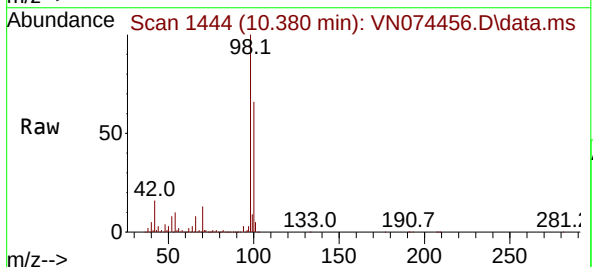
Acq: 15 Sep 2022 11:48

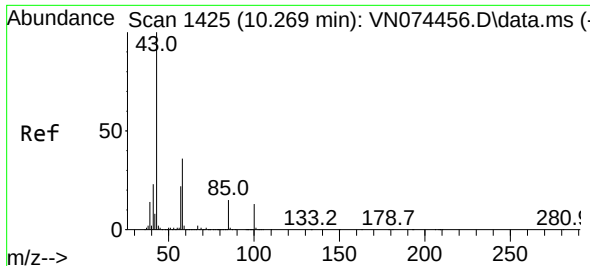
Tgt Ion: 98 Resp: 1044867

Ion Ratio Lower Upper

98 100

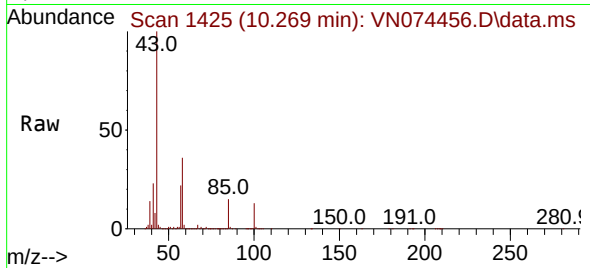
100 65.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 337.998 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

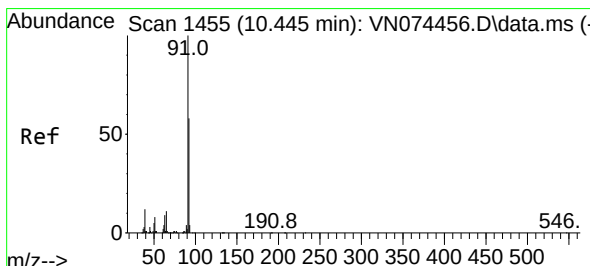
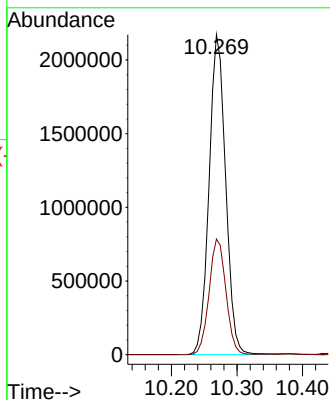
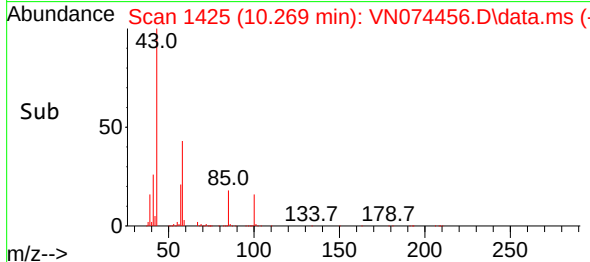
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



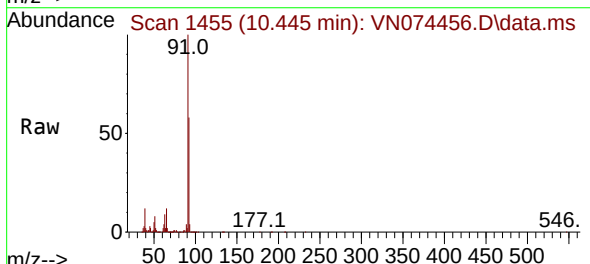
Tgt Ion: 43 Resp: 380785
Ion Ratio Lower Upper
43 100
58 36.9 34.1 51.1

Manual Integrations
APPROVED

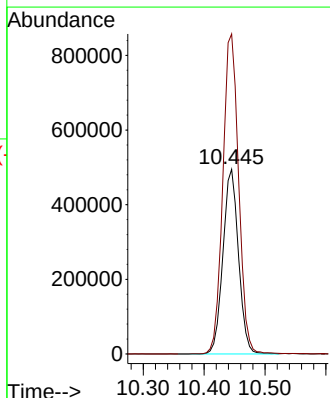
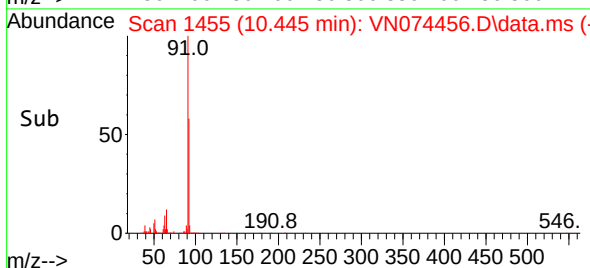
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

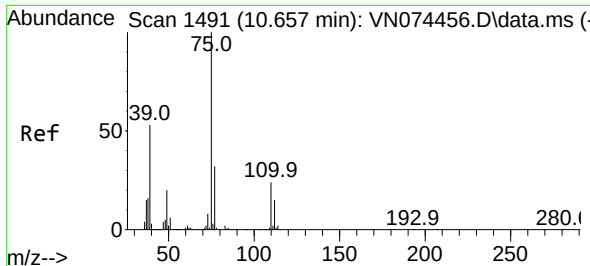


#52
Toluene
Concen: 61.580 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



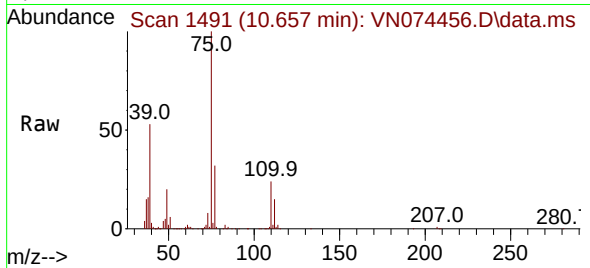
Tgt Ion: 92 Resp: 876703
Ion Ratio Lower Upper
92 100
91 176.5 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 66.909 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: VN074456.D
 Acq: 15 Sep 2022 11:48

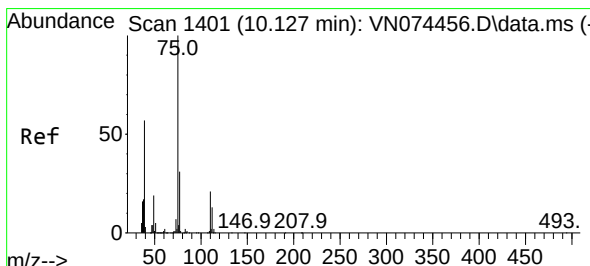
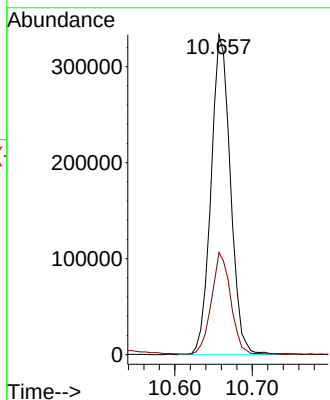
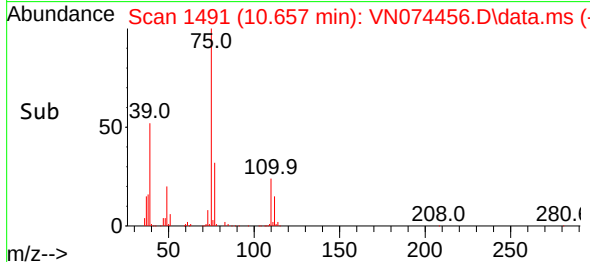
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



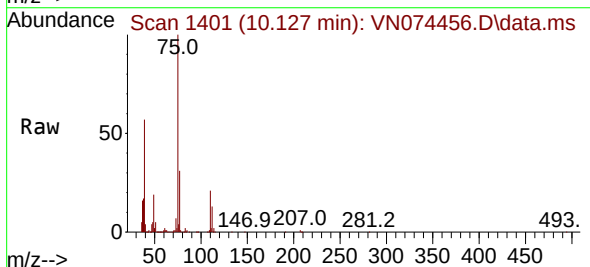
Tgt Ion: 75 Resp: 580089
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4

Manual Integrations
 APPROVED

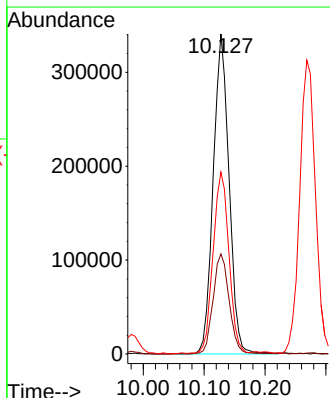
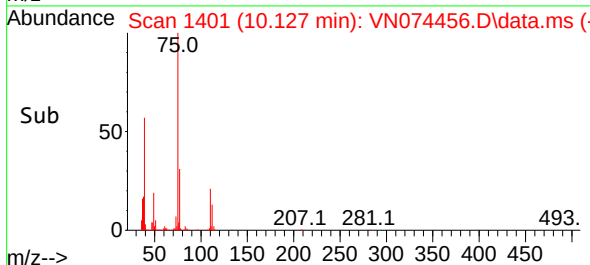
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

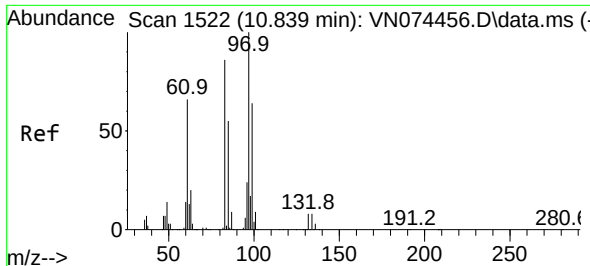


#54
 cis-1,3-Dichloropropene
 Concen: 64.977 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074456.D
 Acq: 15 Sep 2022 11:48



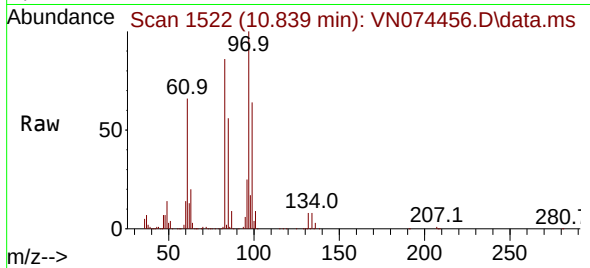
Tgt Ion: 75 Resp: 614325
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 56.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 57.101 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

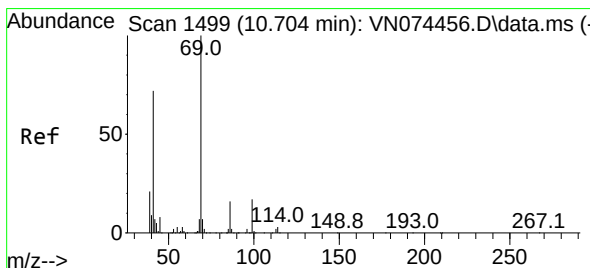
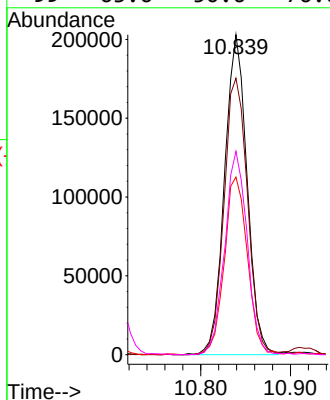
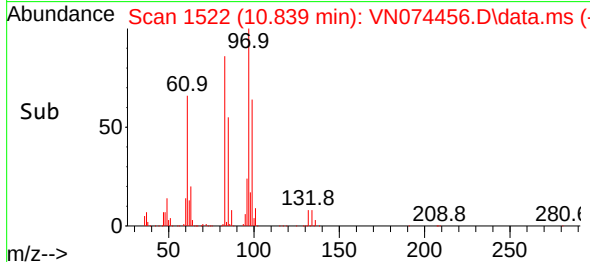
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



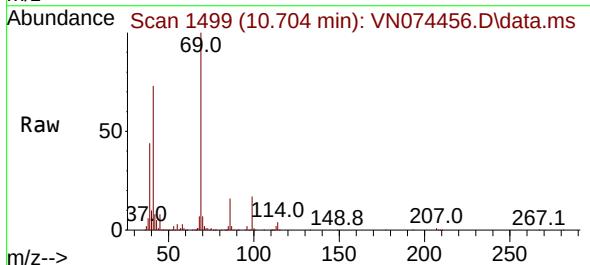
Tgt Ion:	97	Resp:	354099
Ion Ratio	100	Lower	Upper
97	100		
83	86.4	66.2	99.4
85	55.4	43.9	65.9
99	63.6	50.6	76.0

Manual Integrations
APPROVED

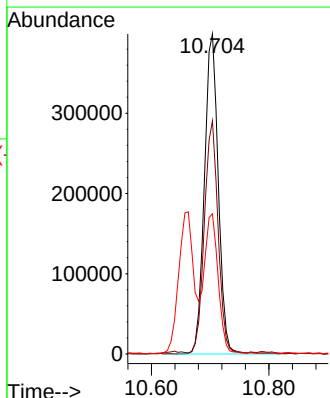
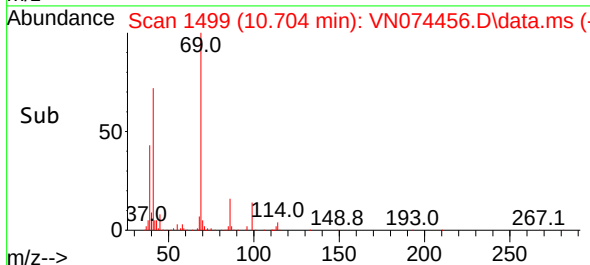
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

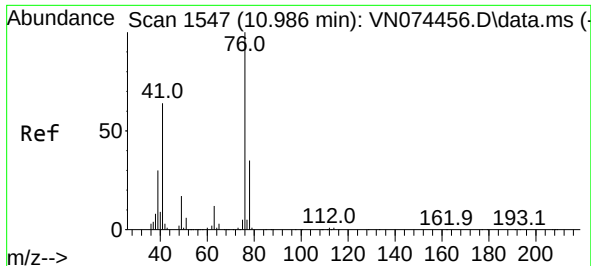


#56
Ethyl methacrylate
Concen: 64.662 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



Tgt Ion:	69	Resp:	652505
Ion Ratio	100	Lower	Upper
69	100		
41	71.5	47.8	71.6
39	43.2	27.3	40.9





#57

1,3-Dichloropropane

Concen: 60.468 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 628030

Ion Ratio Lower Upper

76 100

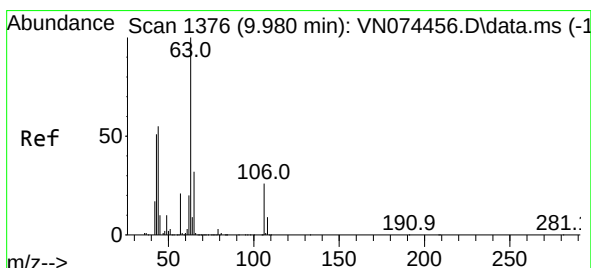
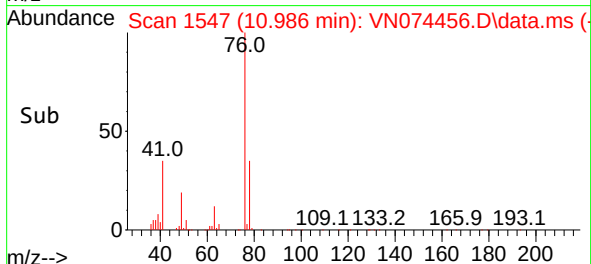
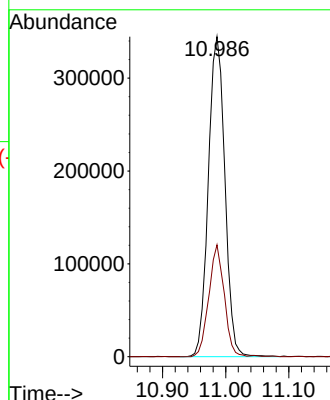
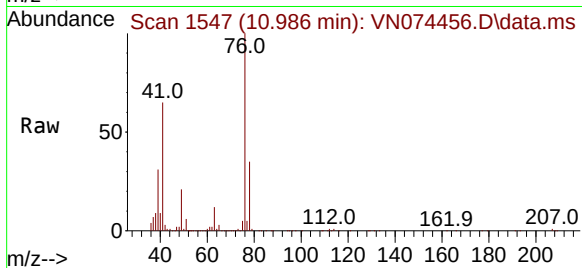
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 333.402 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074456.D

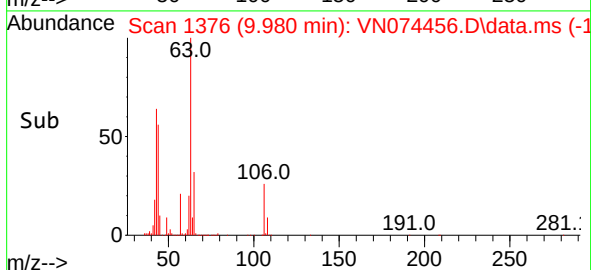
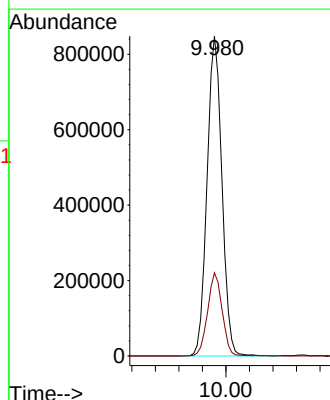
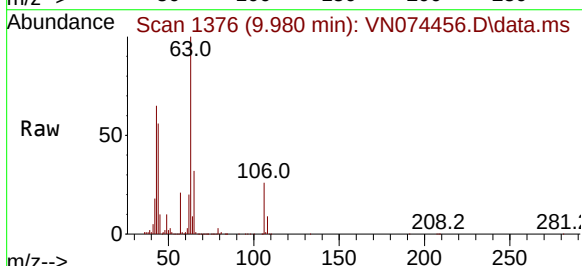
Acq: 15 Sep 2022 11:48

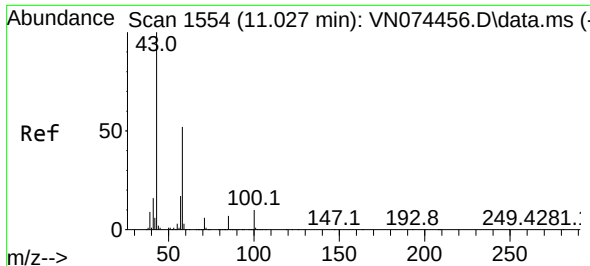
Tgt Ion: 63 Resp: 1483354

Ion Ratio Lower Upper

63 100

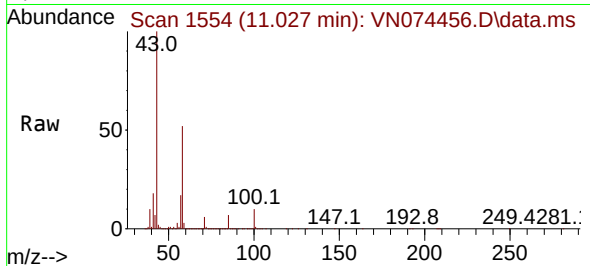
106 25.5 24.6 36.8





#59
2-Hexanone
Concen: 336.421 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

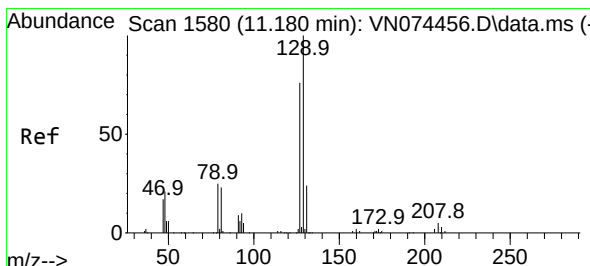
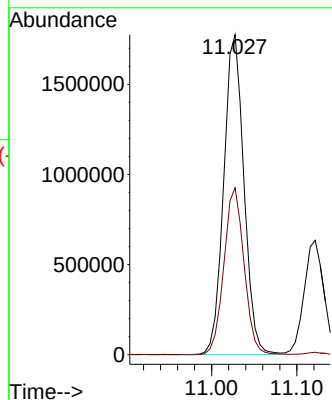
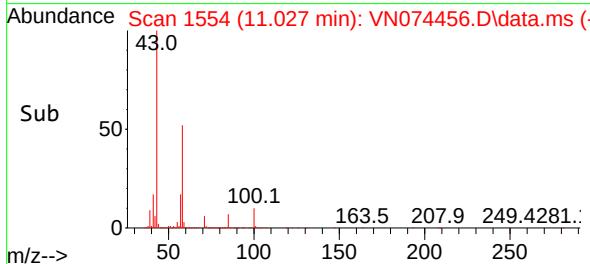
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 2924190
Ion Ratio Lower Upper
43 100
58 52.1 29.7 89.1

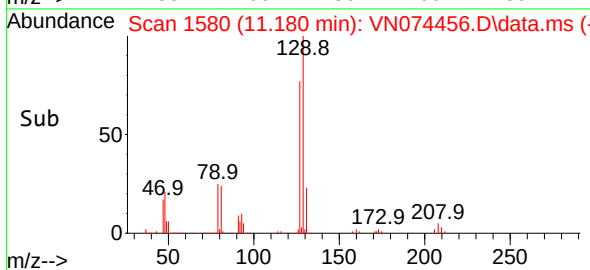
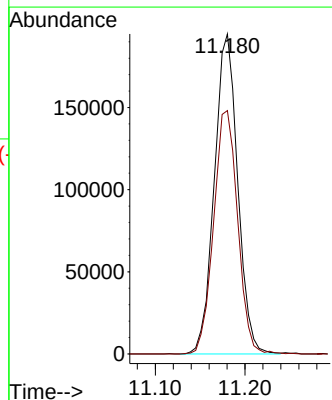
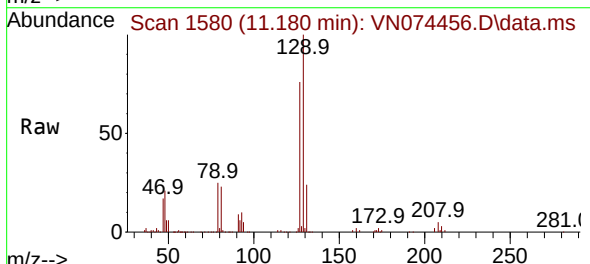
Manual Integrations
APPROVED

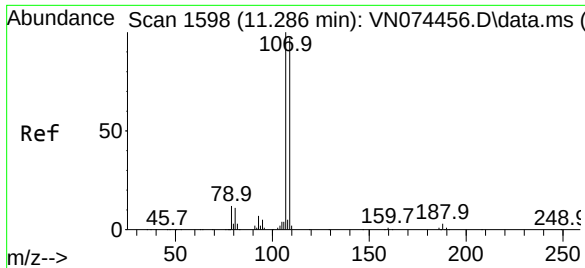
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 60.574 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

Tgt Ion:129 Resp: 351655
Ion Ratio Lower Upper
129 100
127 78.2 38.8 116.4





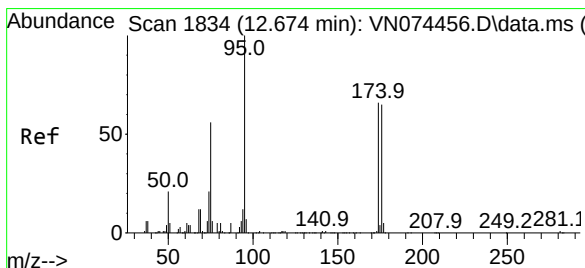
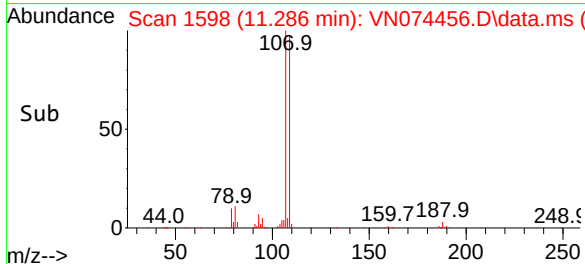
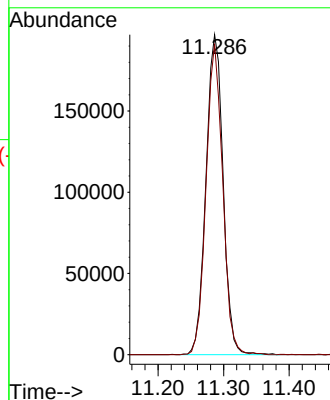
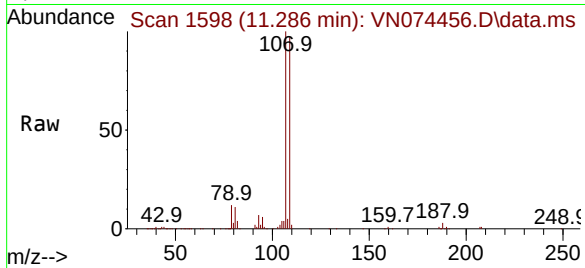
#61
1,2-Dibromoethane
Concen: 58.974 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 35894
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

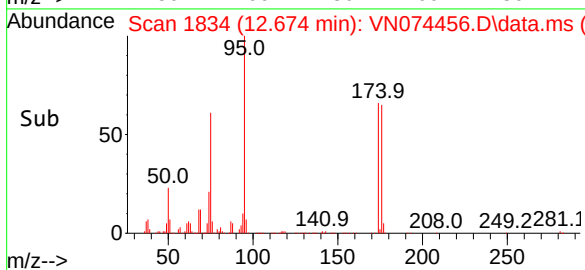
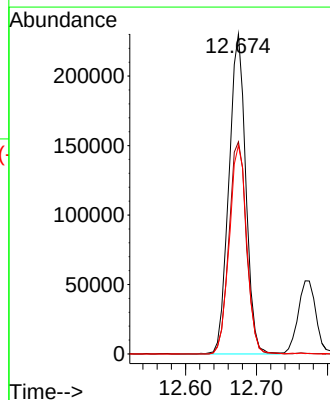
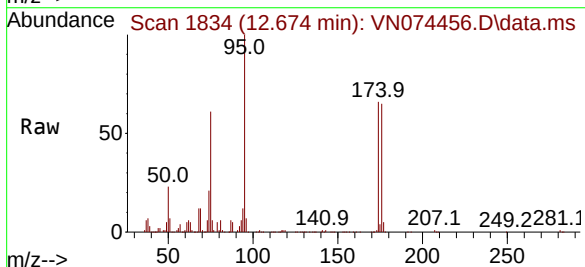
Manual Integrations
APPROVED

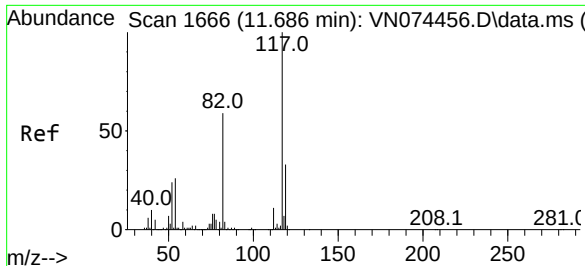
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#62
4-Bromofluorobenzene
Concen: 53.598 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

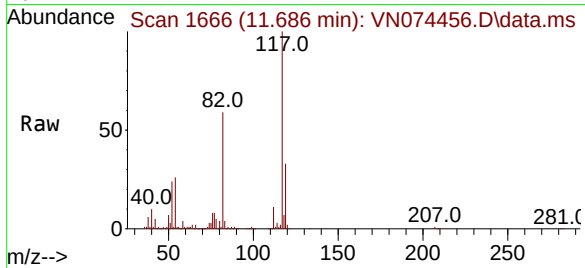
Tgt Ion: 95 Resp: 379262
Ion Ratio Lower Upper
95 100
174 68.8 0.0 167.6
176 67.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

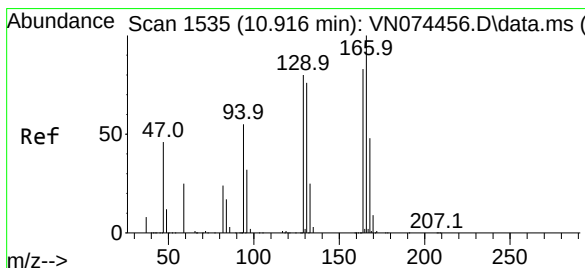
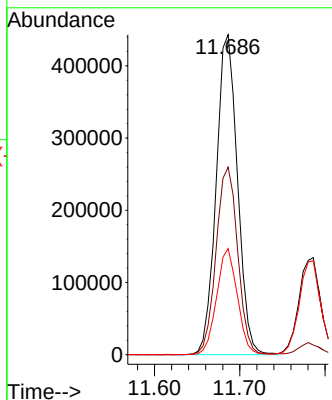
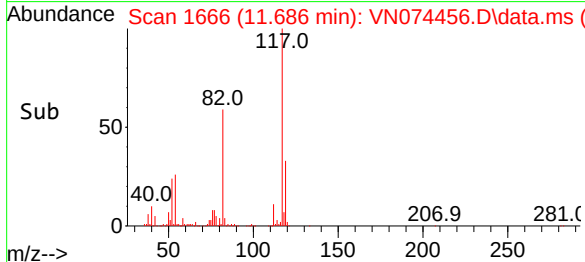
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



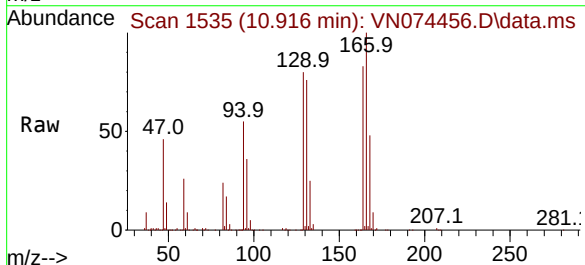
Tgt Ion:117 Resp: 770573
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 33.1 25.4 38.0

Manual Integrations
APPROVED

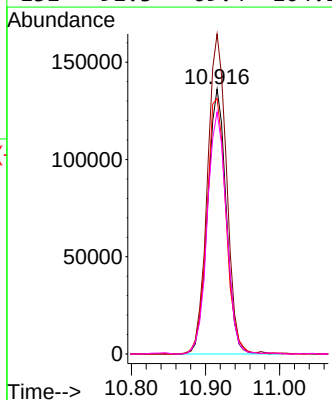
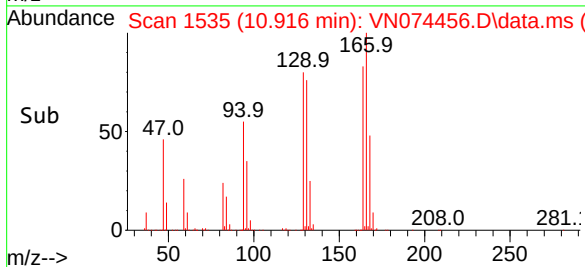
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

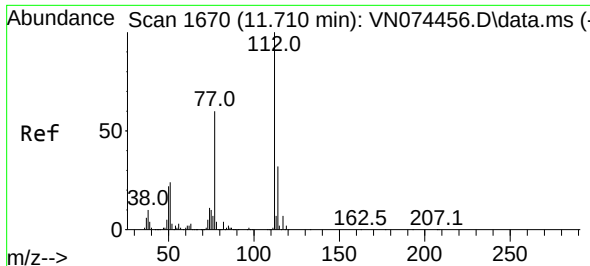


#64
Tetrachloroethene
Concen: 50.398 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



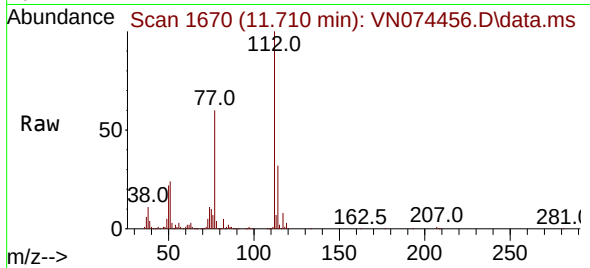
Tgt Ion:164 Resp: 236920
Ion Ratio Lower Upper
164 100
166 120.8 104.2 156.2
129 96.4 73.9 110.9
131 91.3 69.4 104.2





#65
Chlorobenzene
Concen: 57.555 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

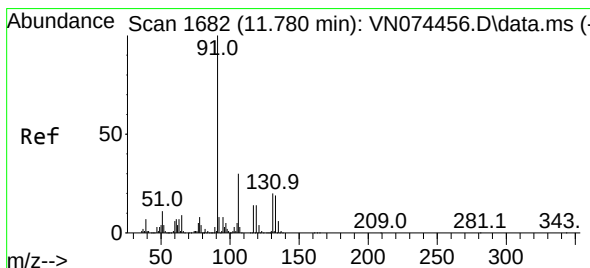
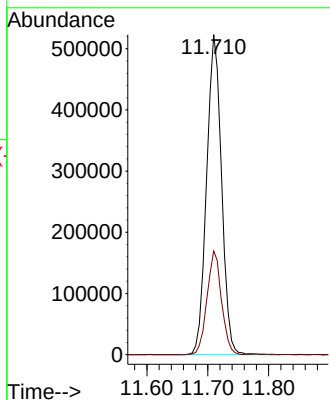
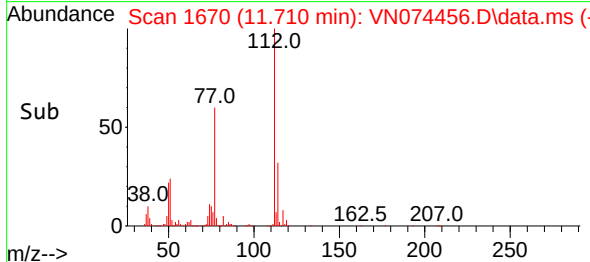
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



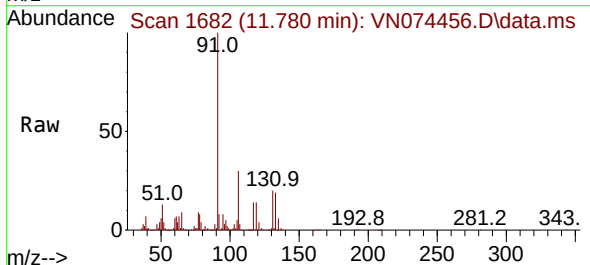
Tgt Ion:112 Resp: 88915
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

Manual Integrations
APPROVED

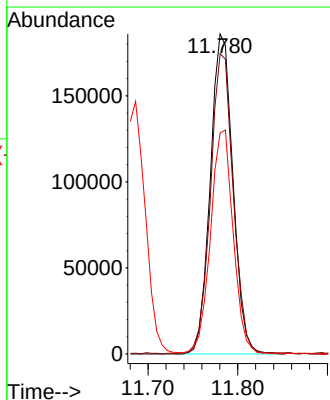
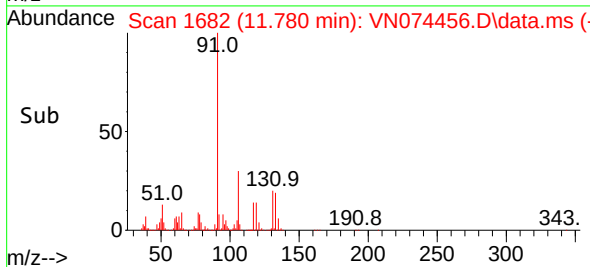
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

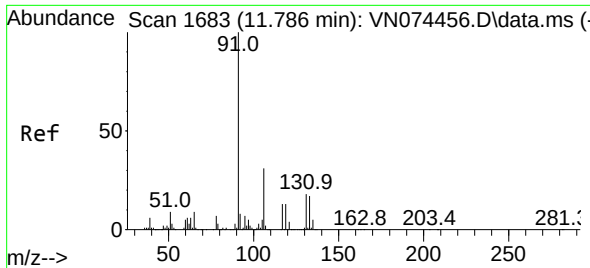


#66
1,1,1,2-Tetrachloroethane
Concen: 55.683 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



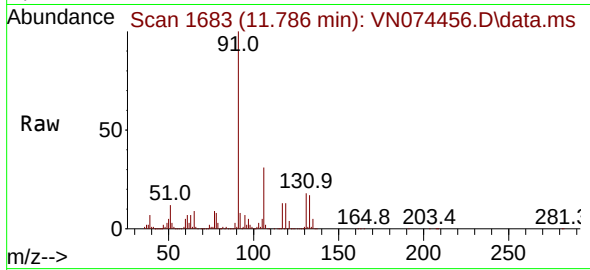
Tgt Ion:131 Resp: 324701
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.4
119 70.4 33.4 100.2





#67
Ethyl Benzene
Concen: 61.083 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

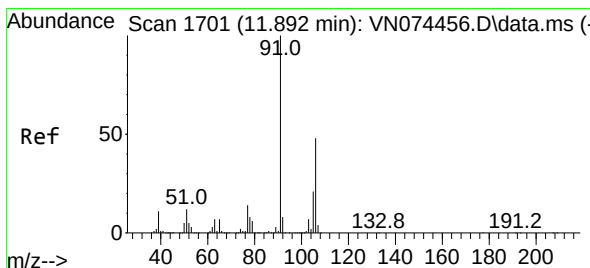
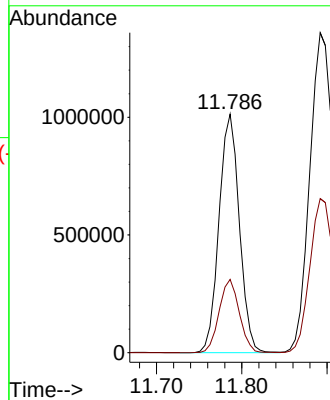
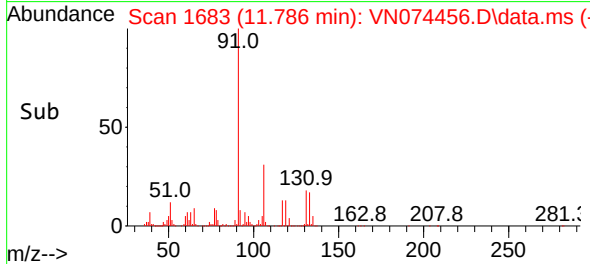
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



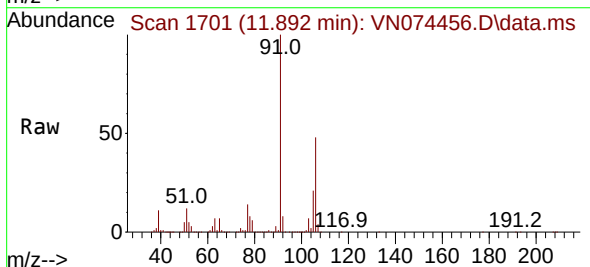
Tgt Ion: 91 Resp: 1679011
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

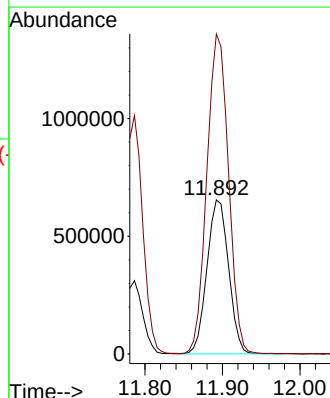
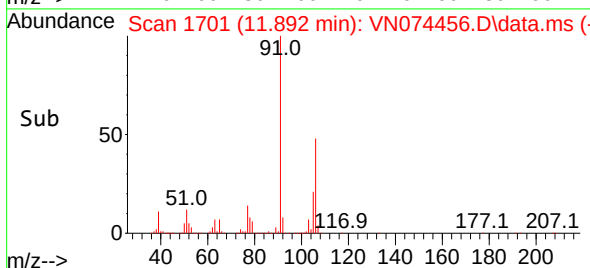
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

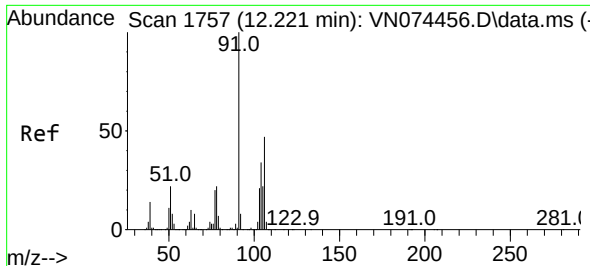


#68
m/p-Xylenes
Concen: 118.241 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



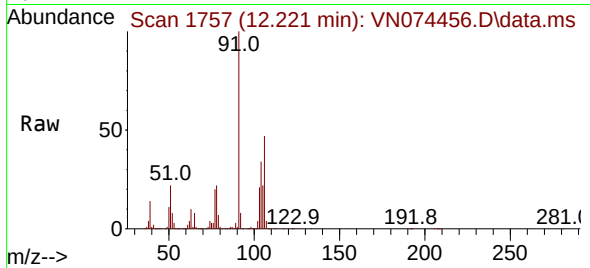
Tgt Ion:106 Resp: 1268831
Ion Ratio Lower Upper
106 100
91 208.2 158.9 238.3





#69
o-Xylene
Concen: 59.584 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

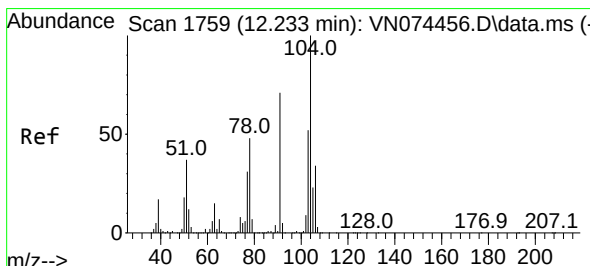
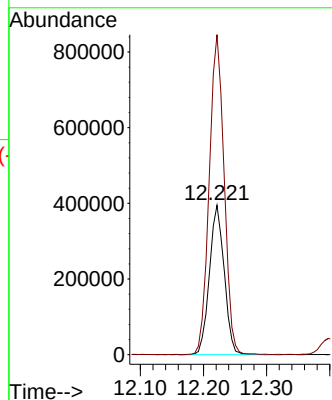
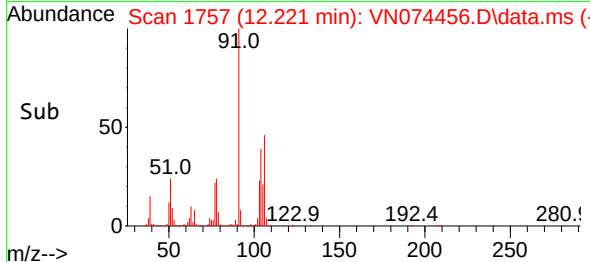
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 640621
Ion Ratio Lower Upper
106 100
91 216.5 106.0 318.0

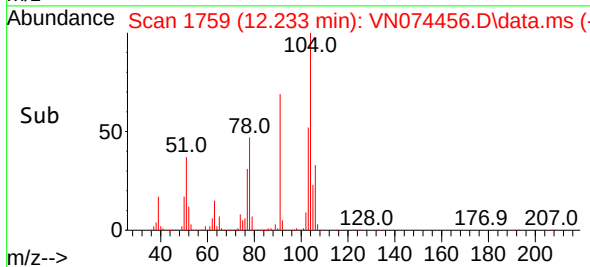
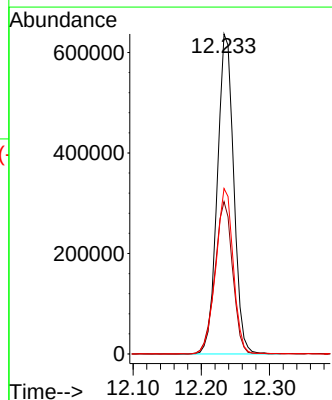
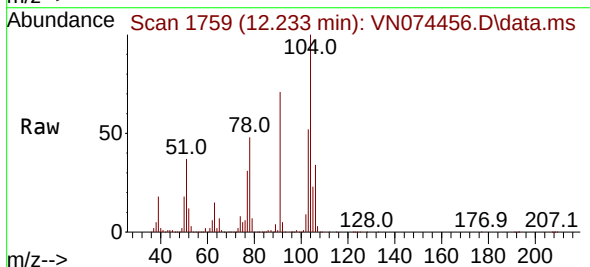
Manual Integrations
APPROVED

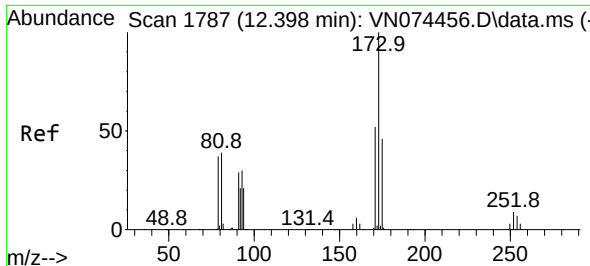
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 61.657 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

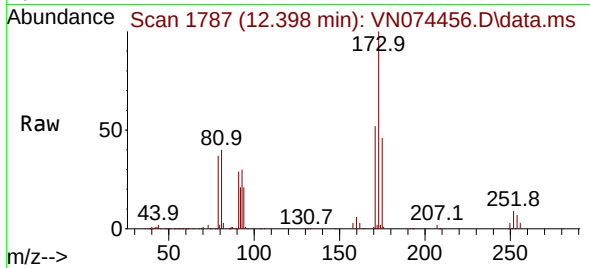
Tgt Ion:104 Resp: 1067942
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.0 44.0 66.0





#71
Bromoform
Concen: 57.941 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

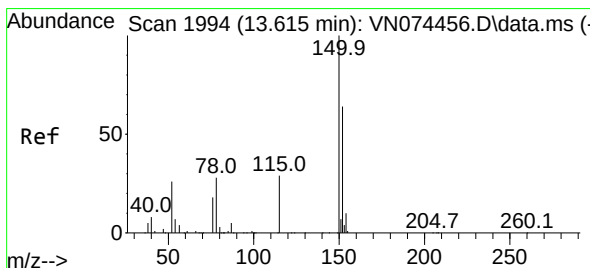
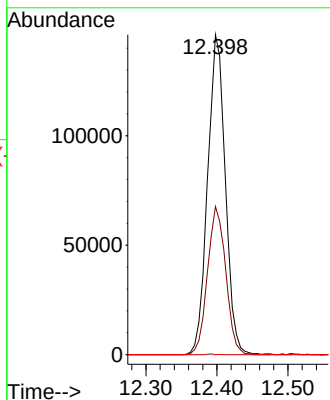
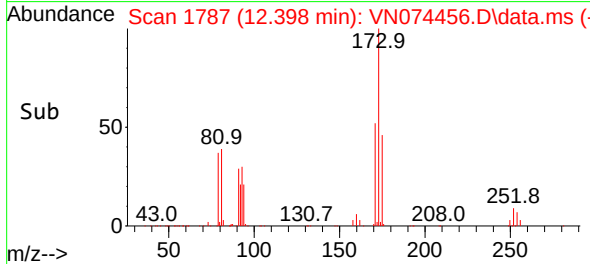
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



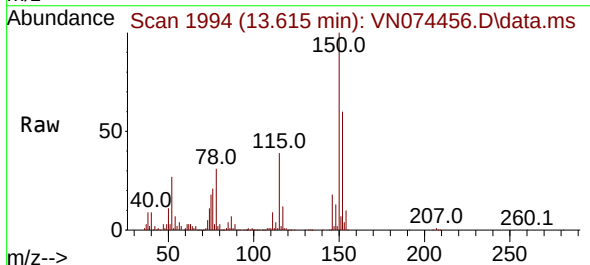
Tgt Ion:173 Resp: 25333
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

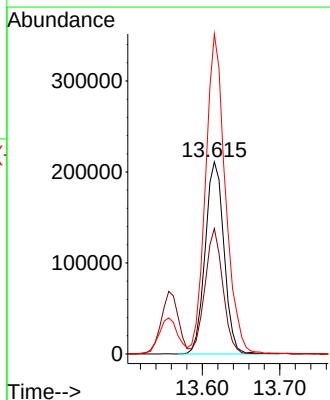
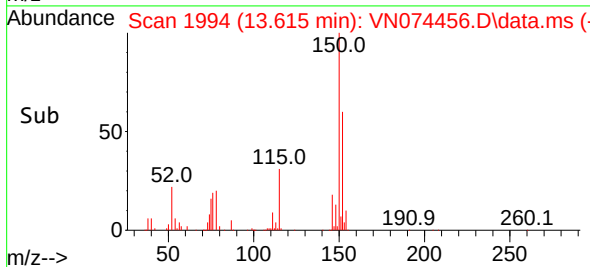
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

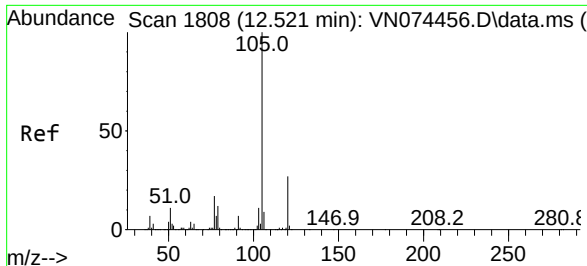


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



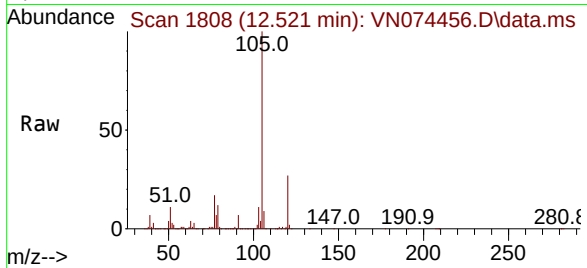
Tgt Ion:152 Resp: 355322
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 176.5 0.0 356.2





#73
Isopropylbenzene
Concen: 57.794 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

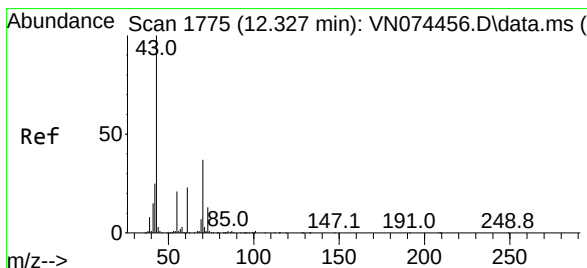
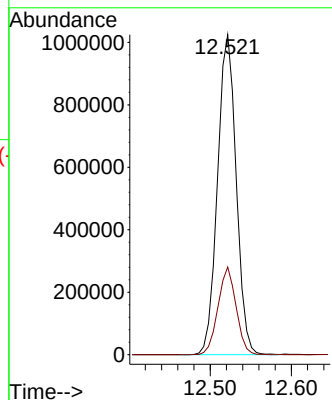
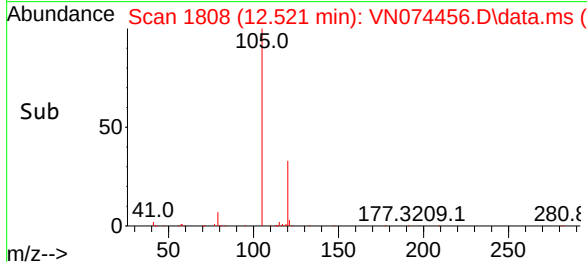
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 1639424
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

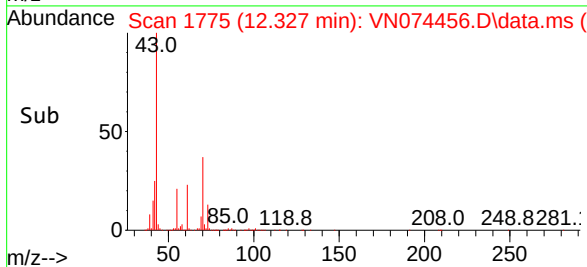
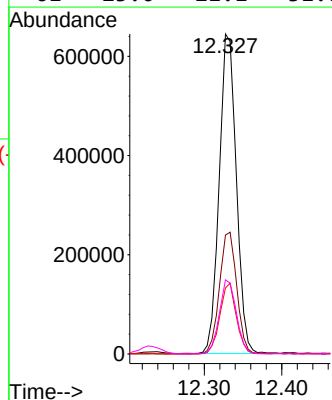
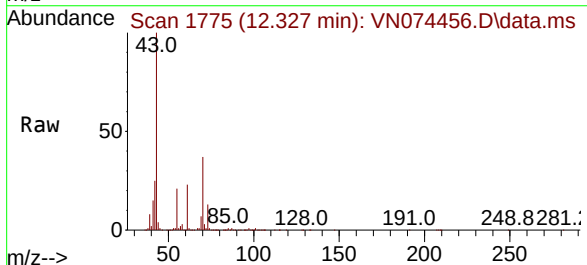
Manual Integrations
APPROVED

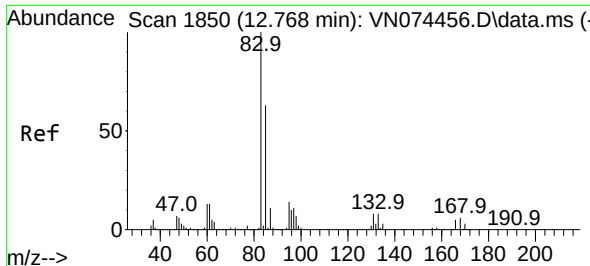
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#74
N-ethyl acetate
Concen: 65.212 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

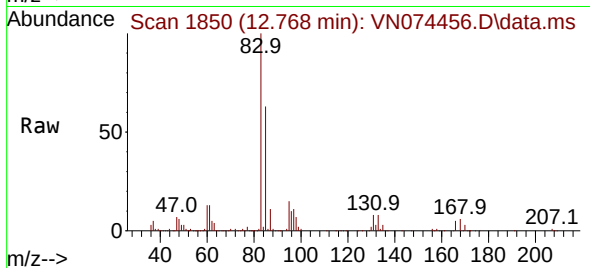
Tgt Ion: 43 Resp: 987789
Ion Ratio Lower Upper
43 100
70 38.6 39.0 58.4#
55 21.3 21.1 31.7
61 23.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 60.128 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

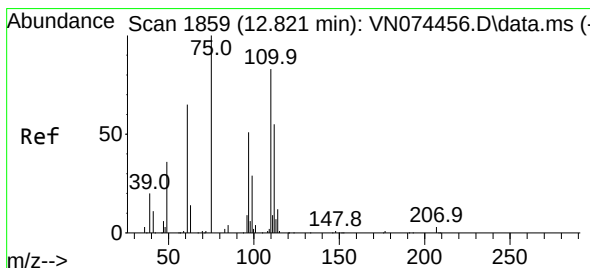
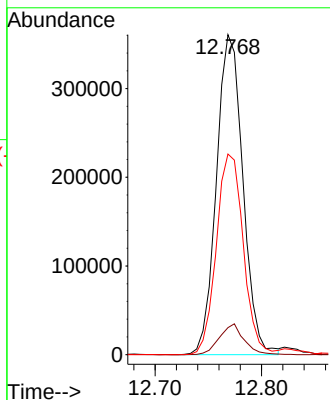
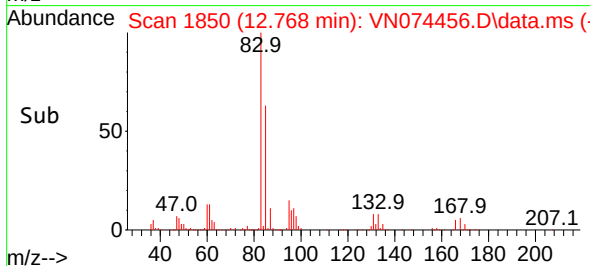
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 62295
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.9
85 63.7 32.3 96.9

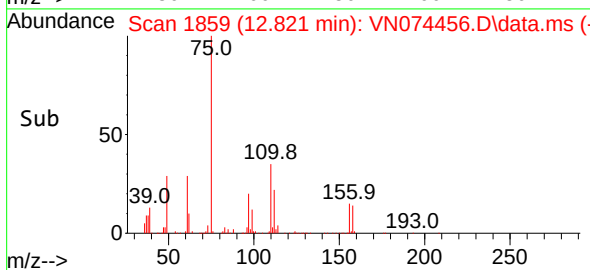
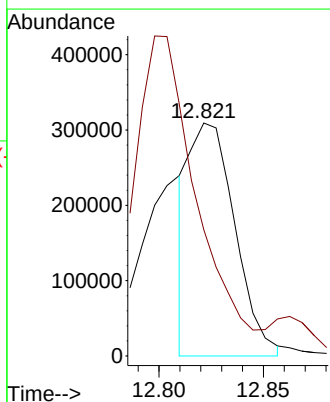
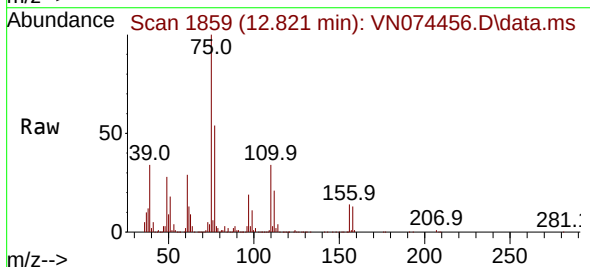
Manual Integrations
APPROVED

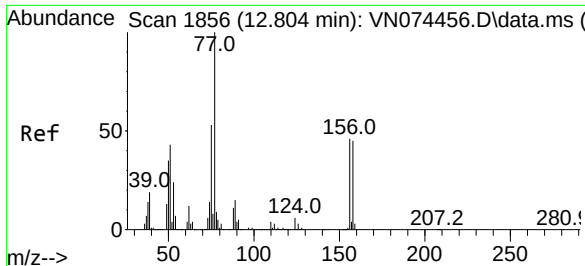
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#76
1,2,3-Trichloropropane
Concen: 52.931 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

Tgt Ion: 75 Resp: 471986
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





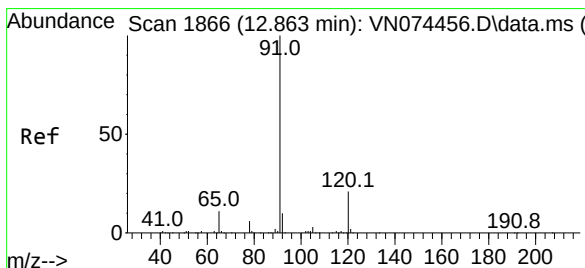
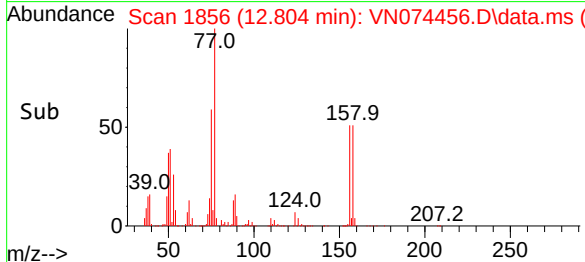
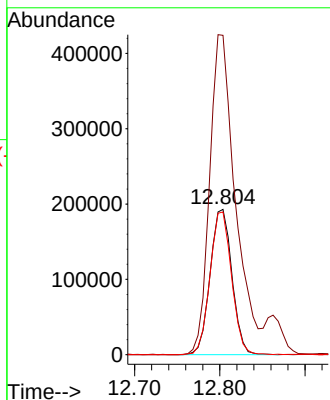
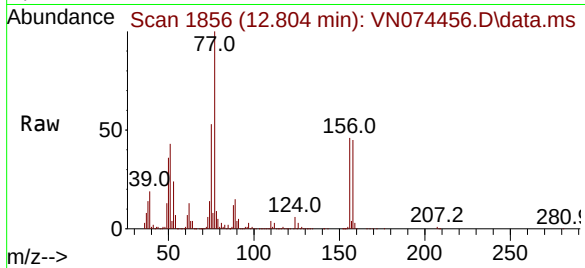
#77
Bromobenzene
Concen: 51.742 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 342542
Ion Ratio Lower Upper
156 100
77 257.7 100.5 301.5
158 97.5 48.9 146.6

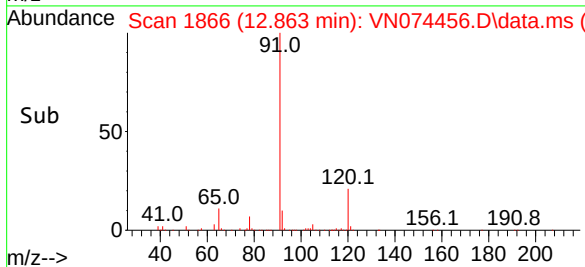
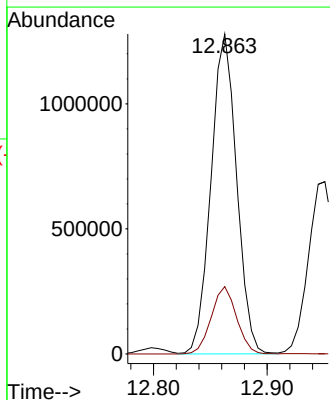
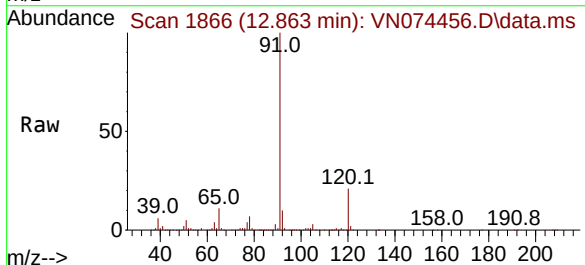
Manual Integrations
APPROVED

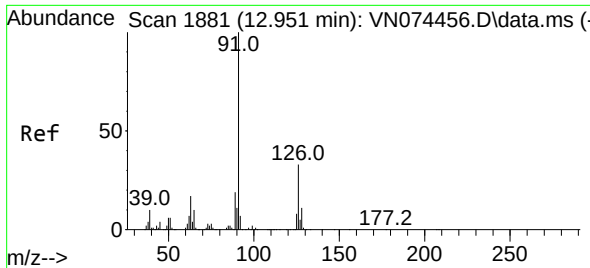
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#78
n-propylbenzene
Concen: 63.256 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

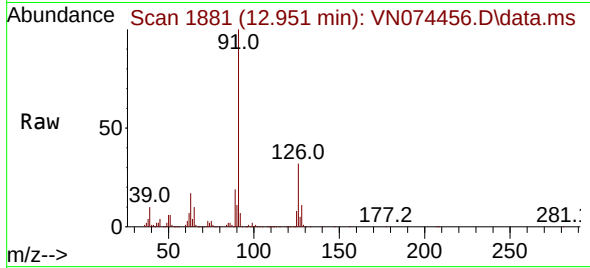
Tgt Ion: 91 Resp: 2004924
Ion Ratio Lower Upper
91 100
120 20.8 11.9 35.5





#79
2-Chlorotoluene
Concen: 57.404 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

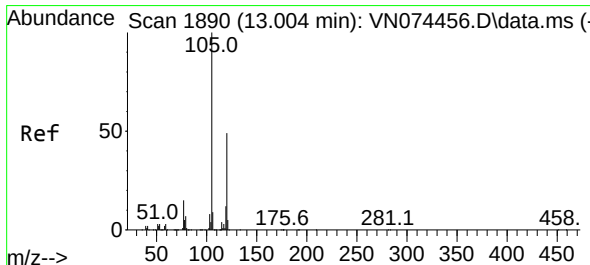
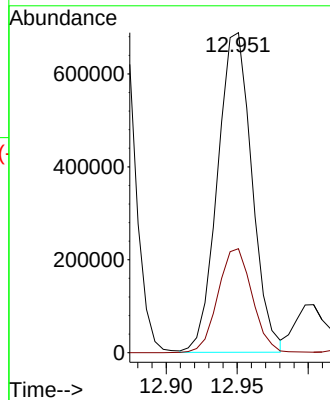
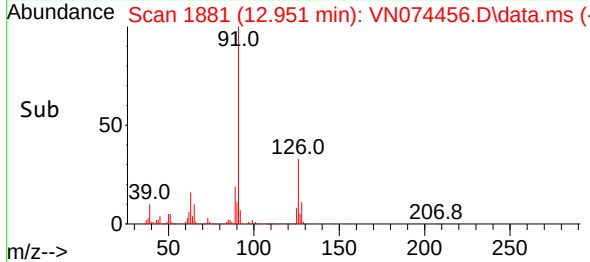
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



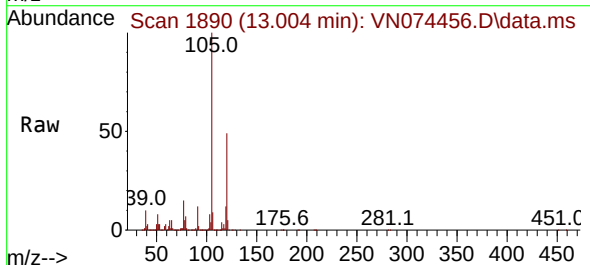
Tgt Ion: 91 Resp: 116114
Ion Ratio Lower Upper
91 100
126 32.4 17.3 51.9

Manual Integrations
APPROVED

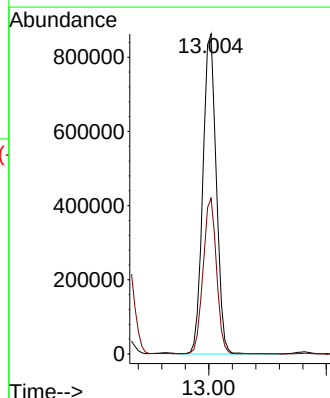
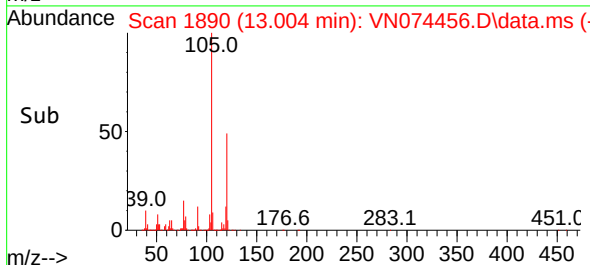
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

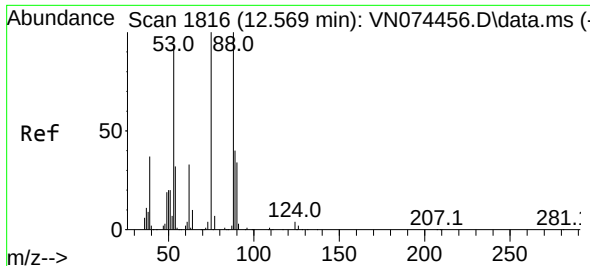


#80
1,3,5-Trimethylbenzene
Concen: 58.665 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



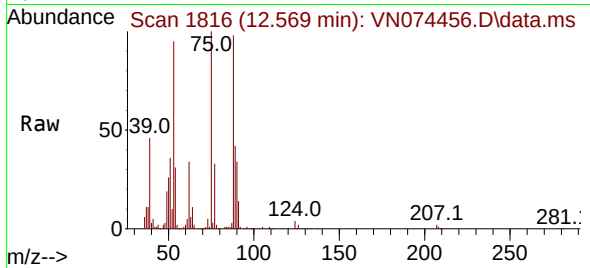
Tgt Ion:105 Resp: 1365255
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 67.342 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

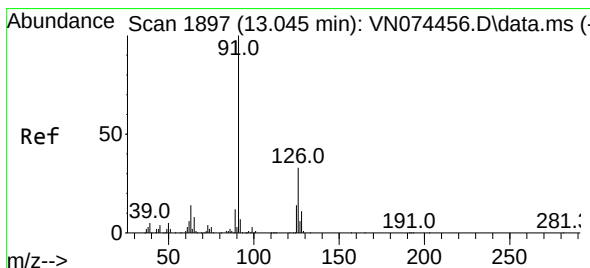
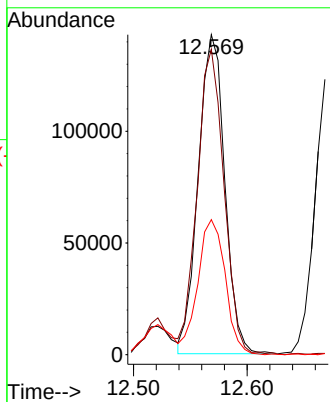
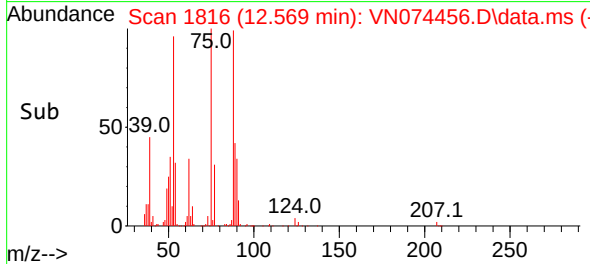
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 23188
Ion Ratio Lower Upper
75 100
53 96.7 78.0 117.0
89 43.9 37.2 55.8

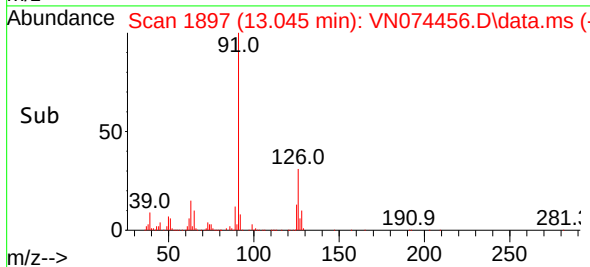
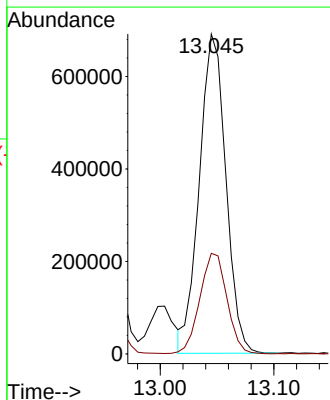
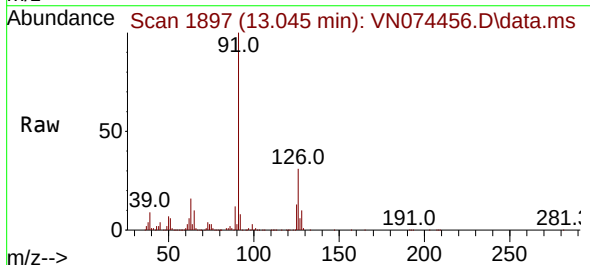
Manual Integrations
APPROVED

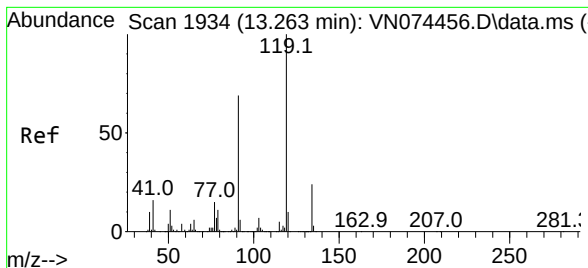
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 58.451 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

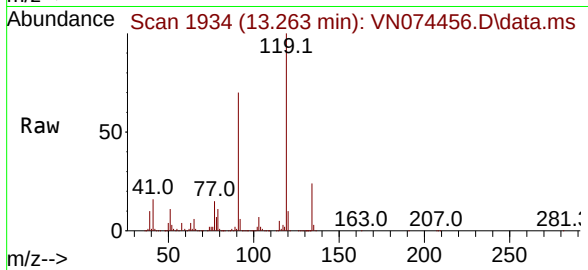
Tgt Ion: 91 Resp: 1117491
Ion Ratio Lower Upper
91 100
126 32.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 57.103 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

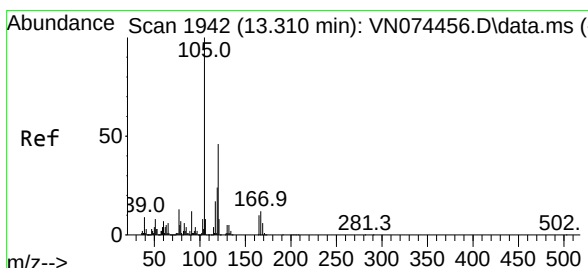
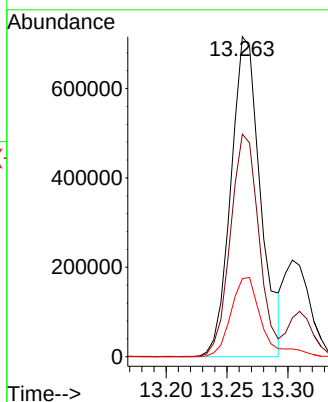
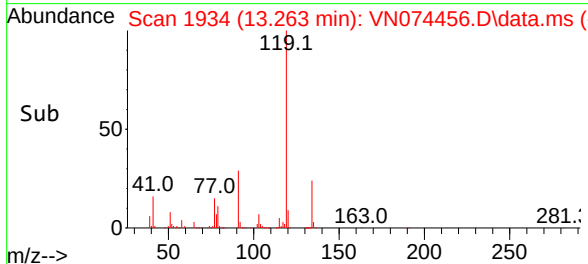
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



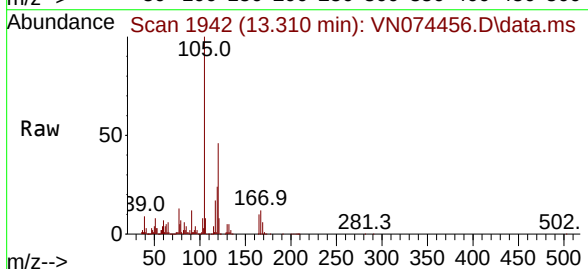
Tgt Ion:119 Resp: 1211479
Ion Ratio Lower Upper
119 100
91 67.0 31.6 94.8
134 25.9 13.7 41.1

Manual Integrations
APPROVED

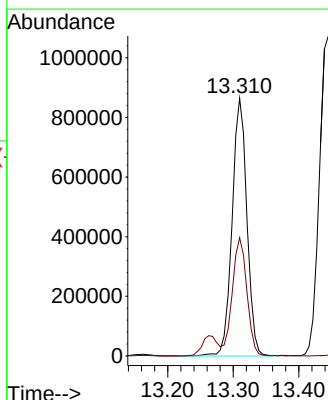
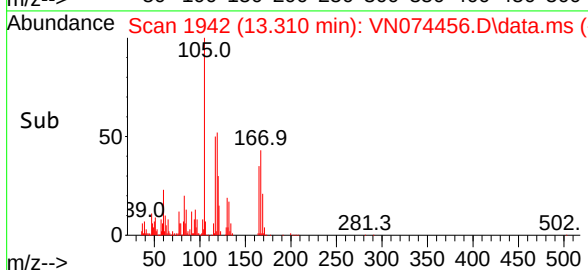
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

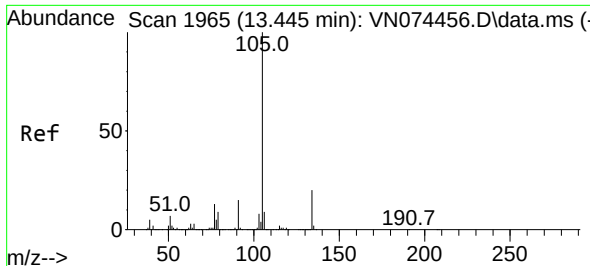


#84
1,2,4-Trimethylbenzene
Concen: 58.469 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



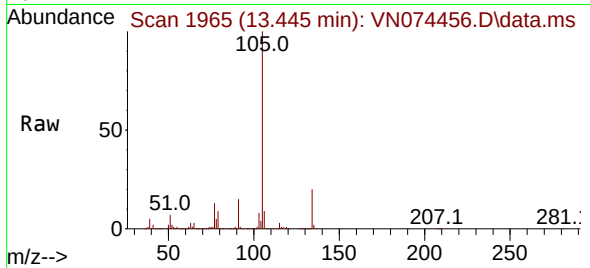
Tgt Ion:105 Resp: 1356804
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 60.565 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074456.D
 Acq: 15 Sep 2022 11:48

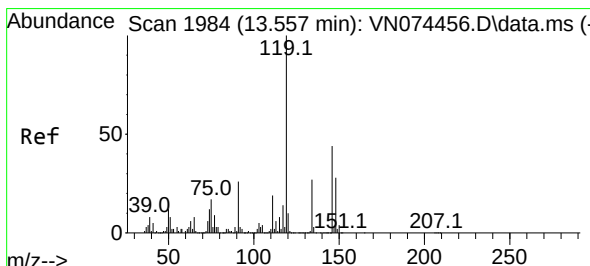
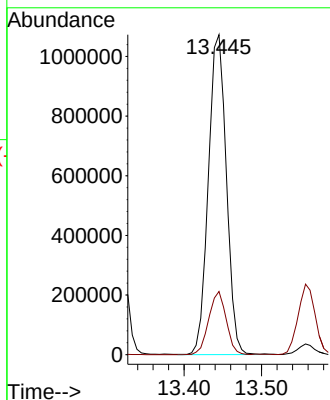
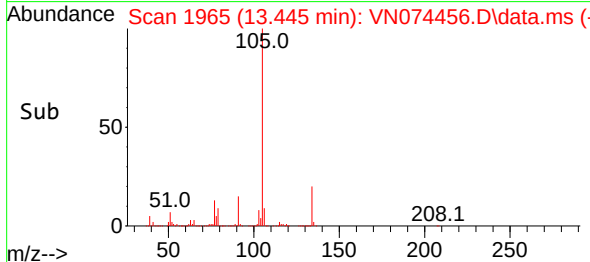
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 173451
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

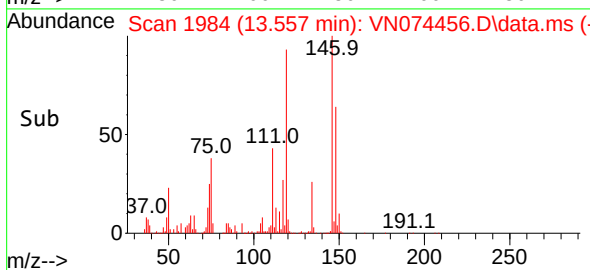
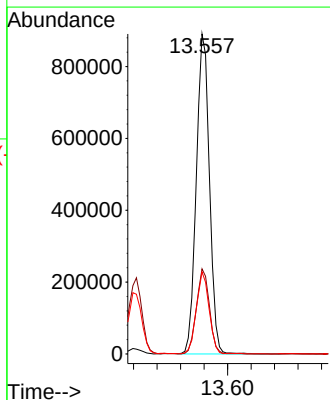
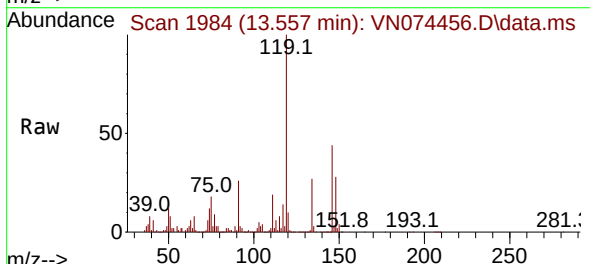
Manual Integrations
 APPROVED

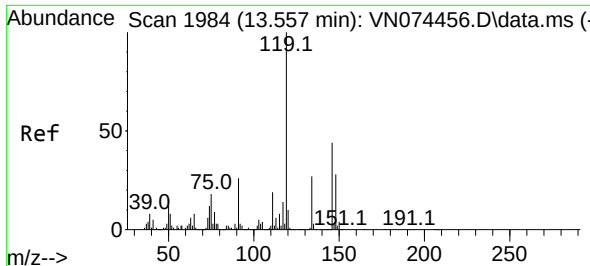
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 60.019 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074456.D
 Acq: 15 Sep 2022 11:48

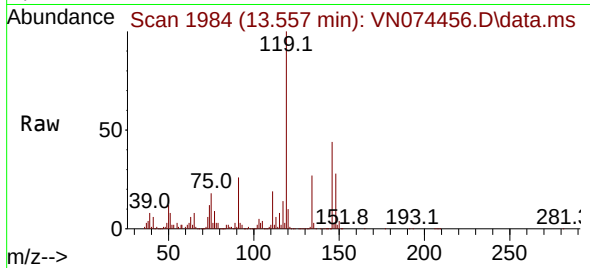
Tgt Ion:119 Resp: 1381712
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 24.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 54.072 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

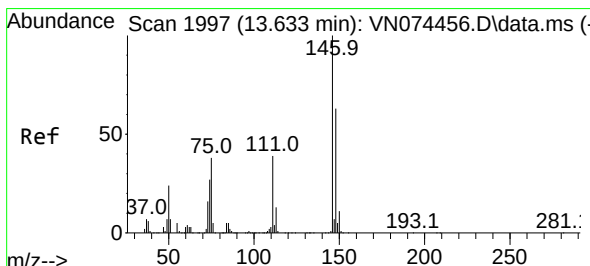
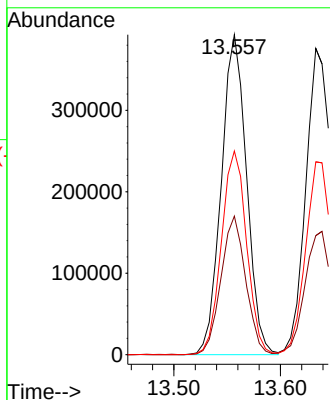
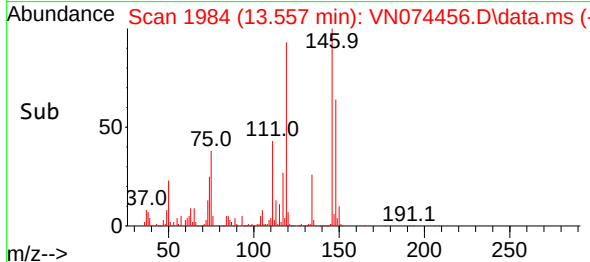
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



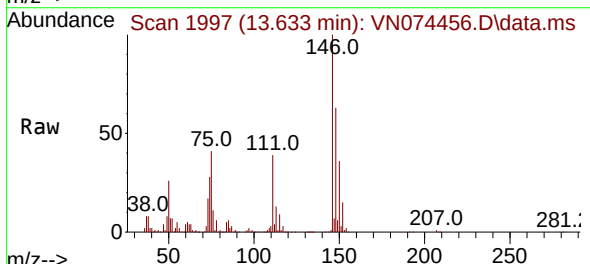
Tgt Ion:146 Resp: 647923
Ion Ratio Lower Upper
146 100
111 42.2 20.0 60.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

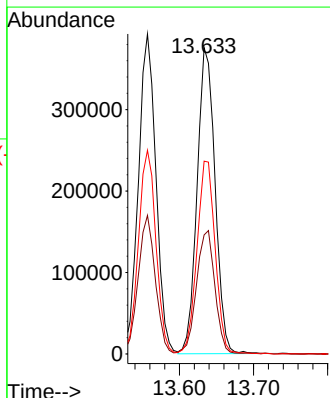
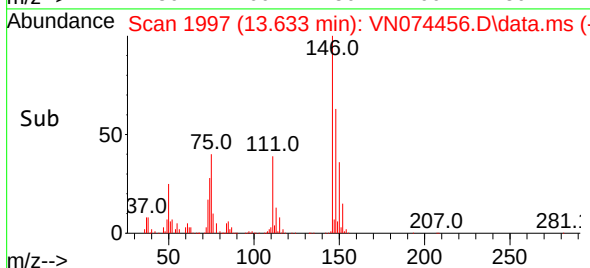
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

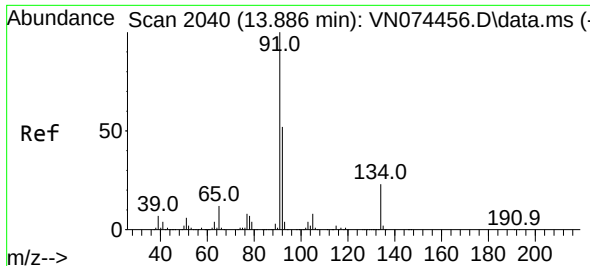


#88
1,4-Dichlorobenzene
Concen: 52.507 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



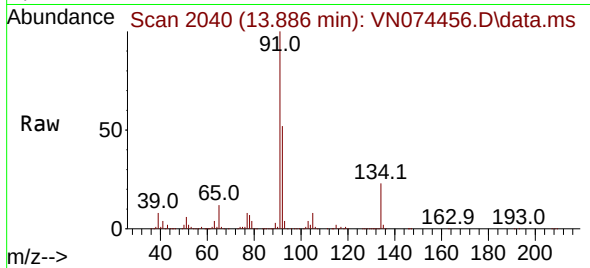
Tgt Ion:146 Resp: 632867
Ion Ratio Lower Upper
146 100
111 40.9 19.1 57.1
148 63.8 31.4 94.3





#89
n-Butylbenzene
Concen: 65.357 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

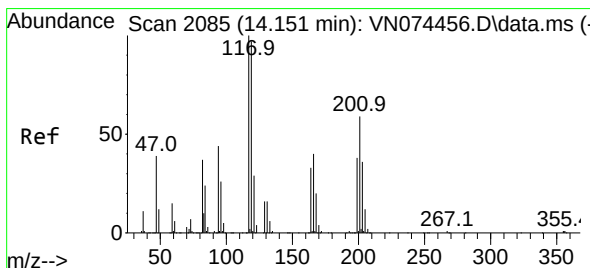
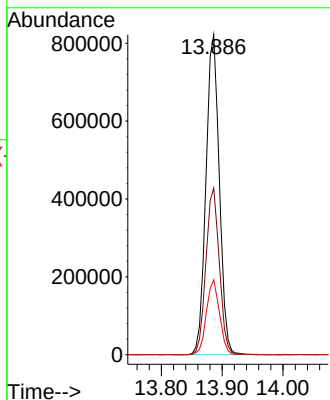
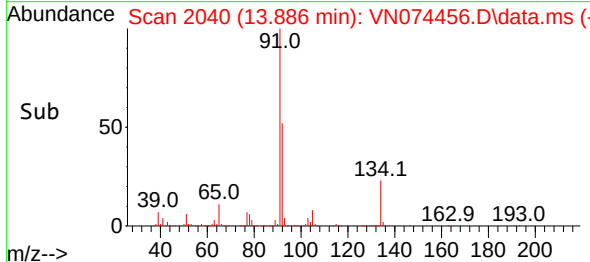
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



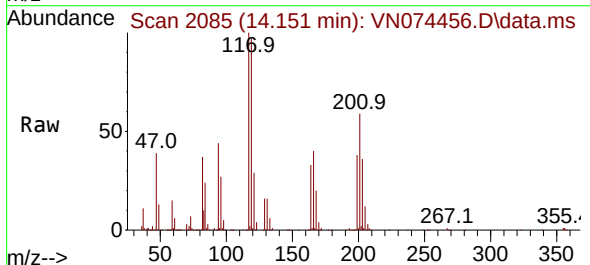
Tgt Ion: 91 Resp: 125238
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 22.9 13.6 40.8

Manual Integrations
APPROVED

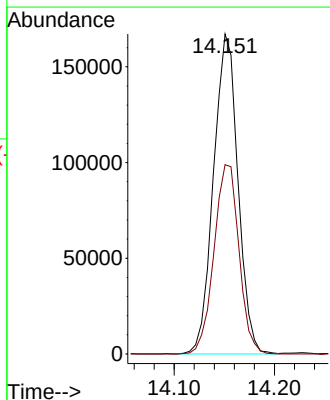
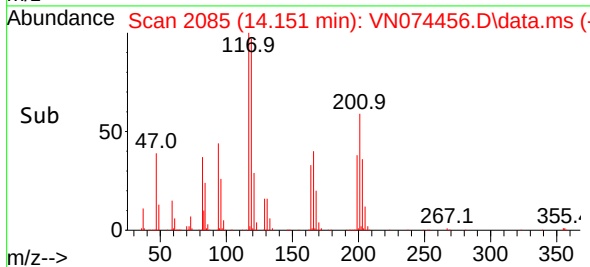
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

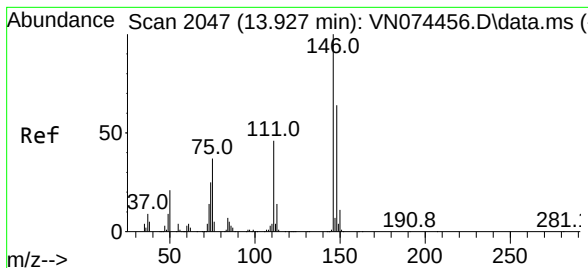


#90
Hexachloroethane
Concen: 63.889 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



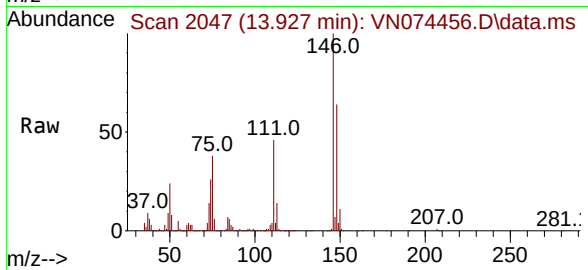
Tgt Ion:117 Resp: 282694
Ion Ratio Lower Upper
117 100
201 60.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 52.449 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

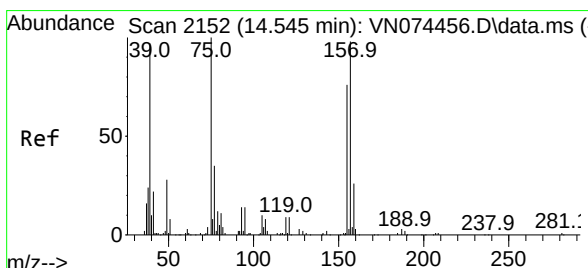
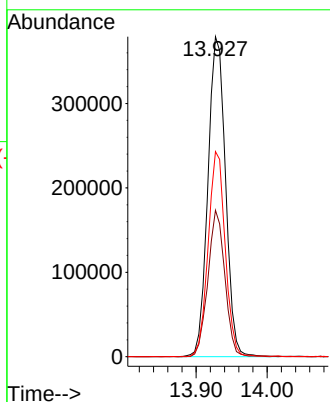
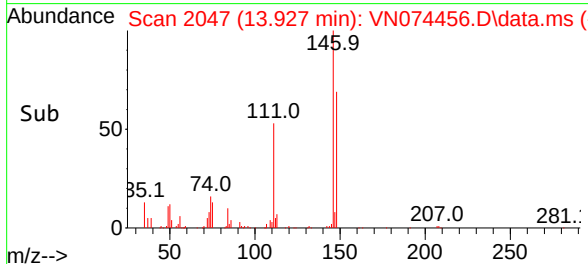
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



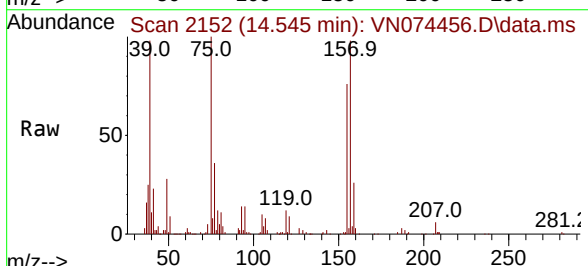
Tgt Ion:146 Resp: 651484
Ion Ratio Lower Upper
146 100
111 44.1 20.9 62.8
148 62.1 32.1 96.3

Manual Integrations
APPROVED

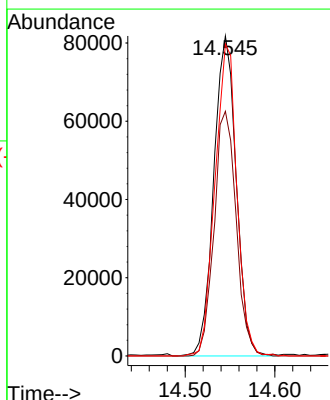
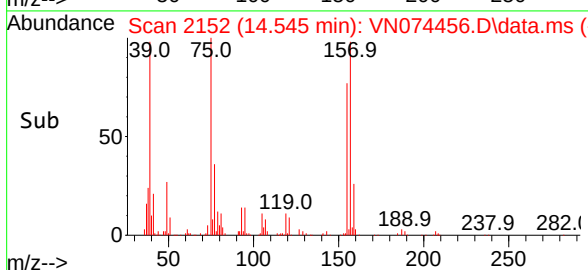
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

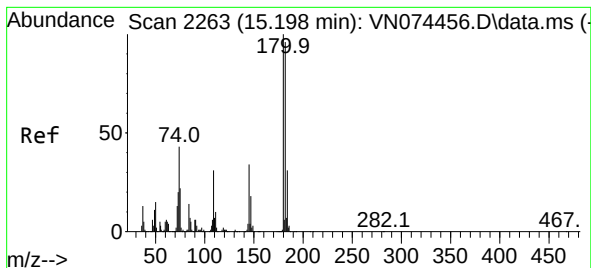


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.164 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48



Tgt Ion: 75 Resp: 142091
Ion Ratio Lower Upper
75 100
155 75.1 44.9 134.5
157 95.2 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 47.996 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

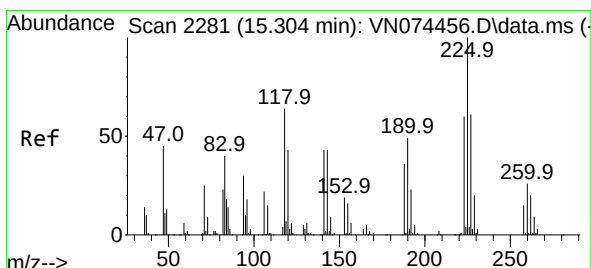
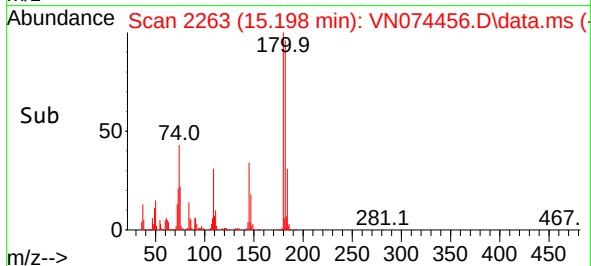
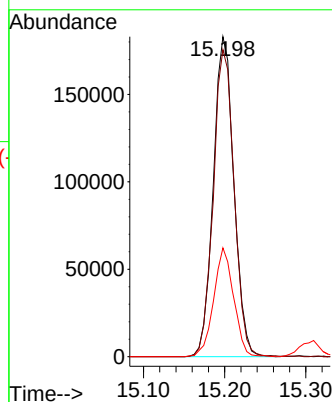
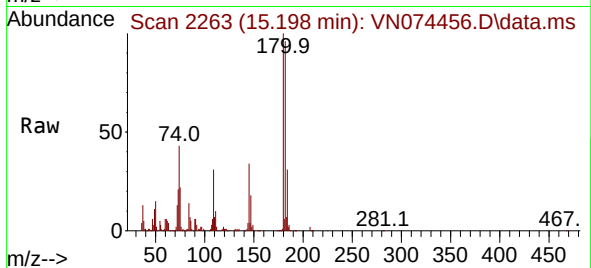
Tgt Ion:	180	Resp:	32216
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.5	142.5
145	33.1	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#94

Hexachlorobutadiene

Concen: 46.321 ug/l

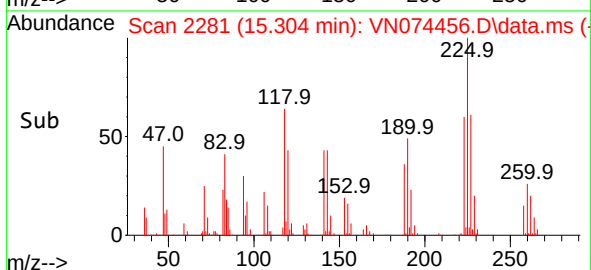
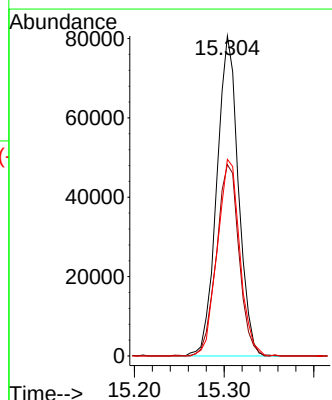
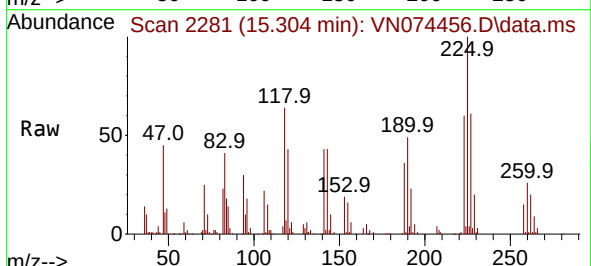
RT: 15.304 min Scan# 2281

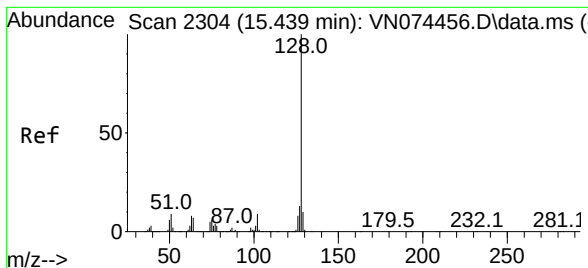
Delta R.T. 0.000 min

Lab File: VN074456.D

Acq: 15 Sep 2022 11:48

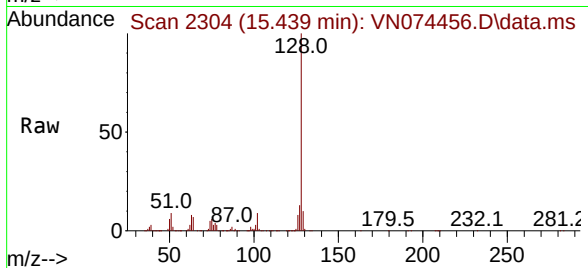
Tgt Ion:	225	Resp:	134680
Ion Ratio	Lower	Upper	
225	100		
223	62.6	32.4	97.2
227	64.1	31.8	95.4





#95
Naphthalene
Concen: 49.604 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

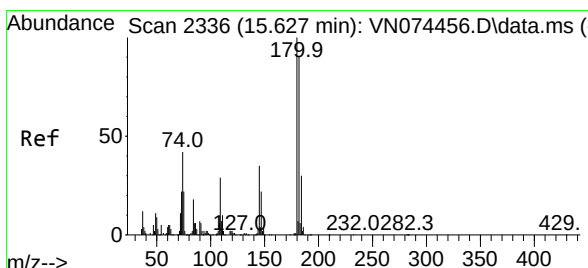
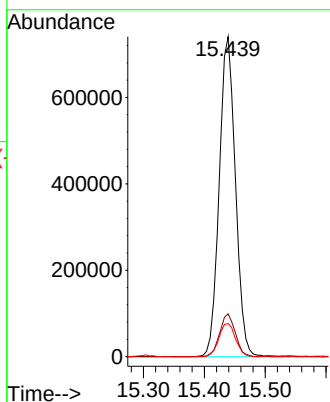
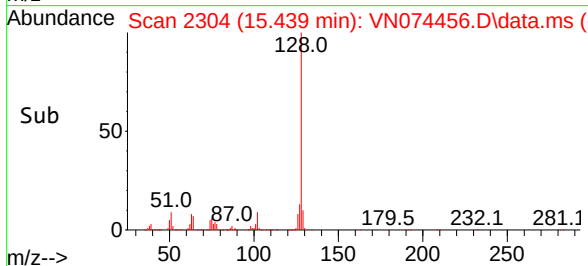
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 1369023
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.320 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN074456.D
Acq: 15 Sep 2022 11:48

Tgt Ion:180 Resp: 333159
Ion Ratio Lower Upper
180 100
182 92.0 47.8 143.3
145 32.5 15.5 46.5

