

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072541.D
 Acq On : 18 May 2022 14:42
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 18 15:25:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	225067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	347783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	358034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	145183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	154623	44.675	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.360%		
35) Dibromofluoromethane	8.010	113	110532	47.547	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.100%		
50) Toluene-d8	10.439	98	425178	48.142	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.280%		
62) 4-Bromofluorobenzene	12.727	95	164490	54.629	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	103267	37.910	ug/l	92
3) Chloromethane	2.293	50	87964	30.524	ug/l	99
4) Vinyl Chloride	2.446	62	74311	32.792	ug/l	96
5) Bromomethane	2.804	94	67602	46.888	ug/l	97
6) Chloroethane	2.922	64	69242	44.953	ug/l	100
7) Trichlorofluoromethane	3.304	101	168520	39.203	ug/l	97
8) Diethyl Ether	3.816	74	53659	35.350	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.175	101	81054	35.006	ug/l	95
10) Methyl Iodide	4.398	142	117603	38.583	ug/l #	86
11) Tert butyl alcohol	5.410	59	73746	141.493	ug/l	99
12) 1,1-Dichloroethene	4.146	96	74966	34.626	ug/l	92
13) Acrolein	4.028	56	93123	178.926	ug/l	96
14) Allyl chloride	4.816	41	147923	36.660	ug/l	94
15) Acrylonitrile	5.551	53	288757	195.493	ug/l	99
16) Acetone	4.293	43	209928	161.817	ug/l	91
17) Carbon Disulfide	4.504	76	201417	35.814	ug/l	98
18) Methyl Acetate	4.845	43	132570	34.580	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	350321	43.825	ug/l	98
20) Methylene Chloride	5.081	84	104448	38.235	ug/l	97
21) trans-1,2-Dichloroethene	5.581	96	94847	41.024	ug/l	90
22) Diisopropyl ether	6.492	45	319442	38.575	ug/l	98
23) Vinyl Acetate	6.422	43	1419512	204.847	ug/l	96
24) 1,1-Dichloroethane	6.375	63	185789	39.579	ug/l	98
25) 2-Butanone	7.334	43	368643	178.851	ug/l	96
26) 2,2-Dichloropropane	7.310	77	167180	41.909	ug/l	96
27) cis-1,2-Dichloroethene	7.316	96	108181	39.190	ug/l	93
28) Bromochloromethane	7.651	49	79416	39.733	ug/l	96
29) Tetrahydrofuran	7.681	42	247319	184.910	ug/l	96
30) Chloroform	7.810	83	206101	42.652	ug/l	100
31) Cyclohexane	8.086	56	165602	37.554	ug/l	93
32) 1,1,1-Trichloroethane	8.004	97	197815	44.378	ug/l	97
36) 1,1-Dichloropropene	8.210	75	145249	44.601	ug/l	98
37) Ethyl Acetate	7.404	43	145112	37.971	ug/l	98
38) Carbon Tetrachloride	8.198	117	169009	45.958	ug/l	99
39) Methylcyclohexane	9.451	83	165101	45.403	ug/l	95
40) Benzene	8.451	78	420237	43.243	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	81588	42.250	ug/l	92
42) 1,2-Dichloroethane	8.528	62	181541	45.814	ug/l	95
43) Isopropyl Acetate	8.557	43	259524	43.372	ug/l	98
44) Trichloroethene	9.210	130	107379	43.400	ug/l	94
45) 1,2-Dichloropropane	9.486	63	98871	40.504	ug/l	97
46) Dibromomethane	9.575	93	76040	43.945	ug/l	97
47) Bromodichloromethane	9.757	83	165772	46.614	ug/l	96
48) Methyl methacrylate	9.557	41	122319	44.237	ug/l	92
49) 1,4-Dioxane	9.569	88	21716	492.760	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	903122	240.853	ug/l	95
52) Toluene	10.504	92	294202	48.517	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	187507	51.398	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	186023	48.346	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	124605	48.773	ug/l	94
56) Ethyl methacrylate	10.757	69	203617	55.578	ug/l	94
57) 1,3-Dichloropropane	11.039	76	208487	48.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	255851	336.510	ug/l	99
59) 2-Hexanone	11.086	43	635656	242.835	ug/l	94
60) Dibromochloromethane	11.233	129	143021	52.465	ug/l	99
61) 1,2-Dibromoethane	11.345	107	131013	51.376	ug/l	100
64) Tetrachloroethene	10.974	164	108022	42.496	ug/l	96
65) Chlorobenzene	11.769	112	337913	46.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	133167	45.717	ug/l	96
67) Ethyl Benzene	11.839	91	607906	48.595	ug/l	98
68) m/p-Xylenes	11.951	106	477935	100.396	ug/l	93
69) o-Xylene	12.274	106	239431	51.106	ug/l	94
70) Styrene	12.292	104	392874	54.490	ug/l	97
71) Bromoform	12.451	173	102538	47.931	ug/l #	99
73) Isopropylbenzene	12.574	105	578940	48.405	ug/l	99
74) N-amyl acetate	12.386	43	183201	44.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	149370	35.284	ug/l	98
76) 1,2,3-Trichloropropane	12.880	75	137049m	36.638	ug/l	
77) Bromobenzene	12.857	156	133057	46.491	ug/l	97
78) n-propylbenzene	12.916	91	651943	50.811	ug/l	99
79) 2-Chlorotoluene	13.004	91	425301	50.062	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	522856	52.850	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	50642	45.669	ug/l	93
82) 4-Chlorotoluene	13.104	91	391486	48.874	ug/l	97
83) tert-Butylbenzene	13.321	119	414314	48.590	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	467563	49.202	ug/l	94
85) sec-Butylbenzene	13.498	105	548129	48.370	ug/l	99
86) p-Isopropyltoluene	13.610	119	462717	52.120	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	225949	45.983	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	224104	45.658	ug/l	99
89) n-Butylbenzene	13.939	91	364849	53.437	ug/l	100
90) Hexachloroethane	14.204	117	82283	46.423	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	233126	47.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39774	52.244	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	120502	62.524	ug/l	98
94) Hexachlorobutadiene	15.362	225	66984	52.837	ug/l	97
95) Naphthalene	15.504	128	363295	65.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	121896	63.092	ug/l	96

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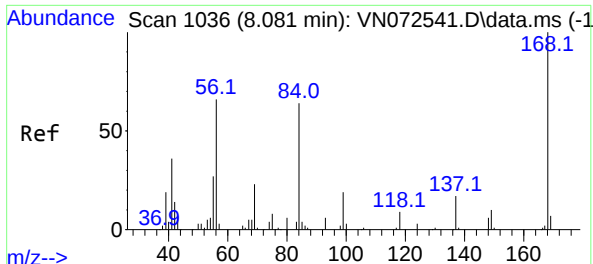
Manual Integrations
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Quant Title : SW846 8260
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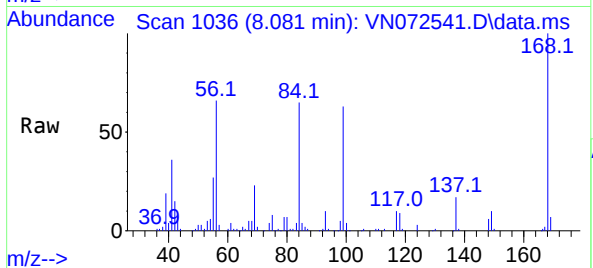
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072541.D
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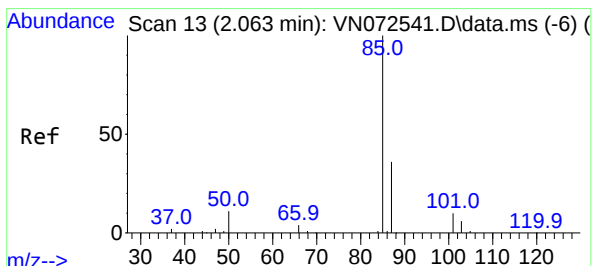
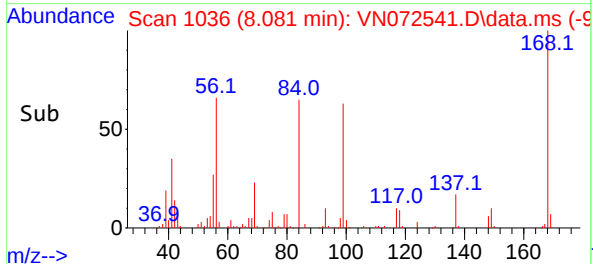
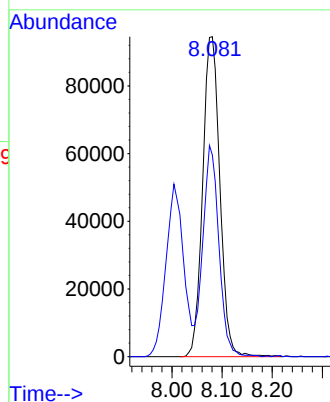
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 22506
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5

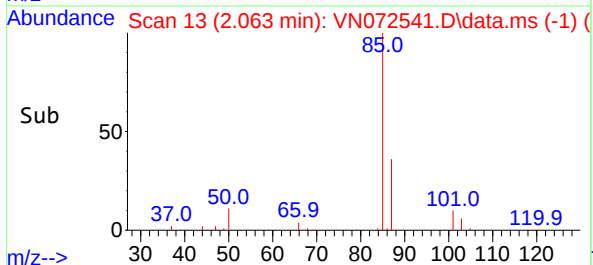
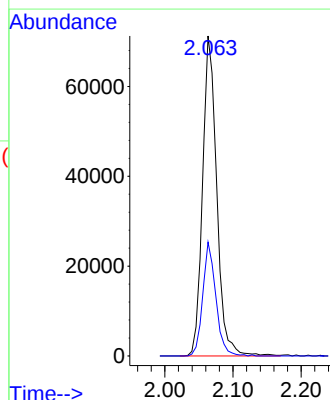
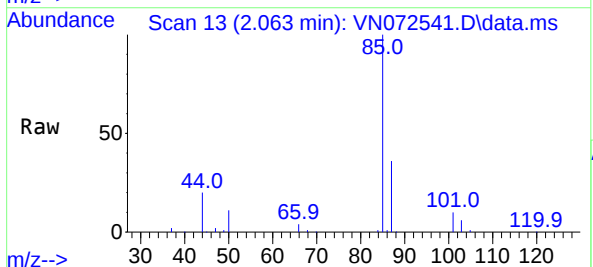
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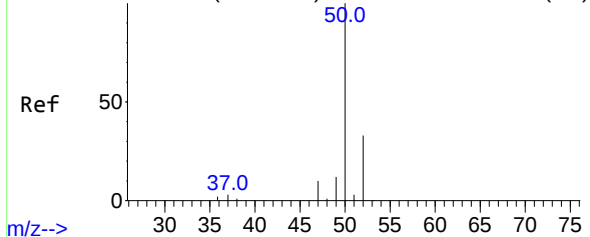


#2
Dichlorodifluoromethane
Concen: 37.910 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Tgt Ion: 85 Resp: 103267
Ion Ratio Lower Upper
85 100
87 35.6 15.7 47.1



Abundance Scan 52 (2.293 min): VN072541.D\data.ms (-45)



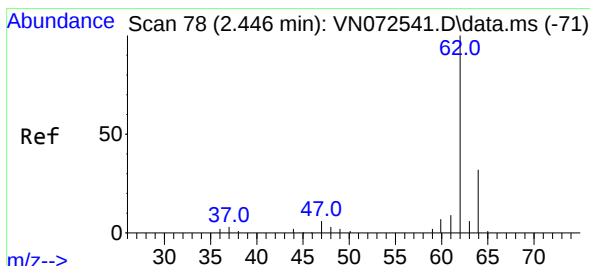
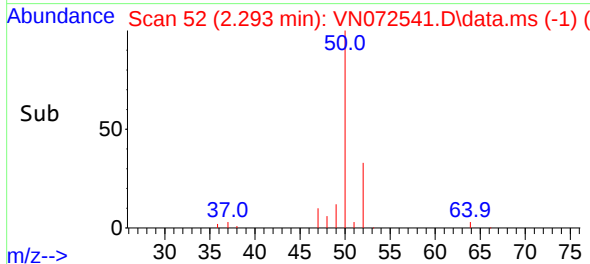
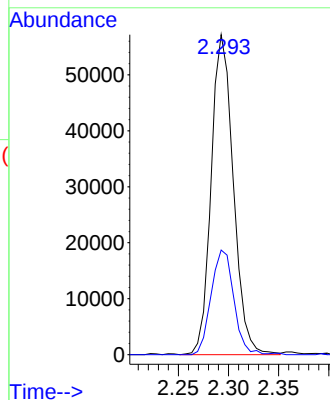
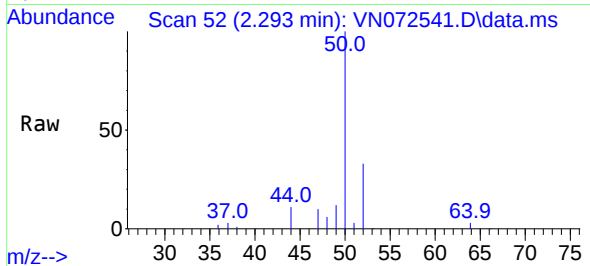
#3
Chloromethane
Concen: 30.524 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 87964
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

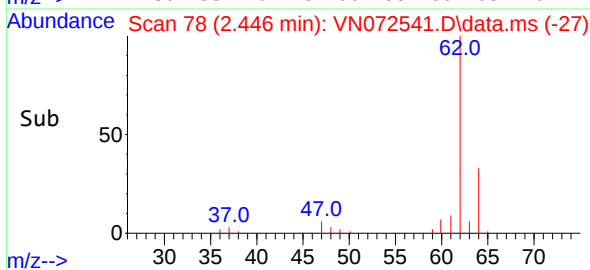
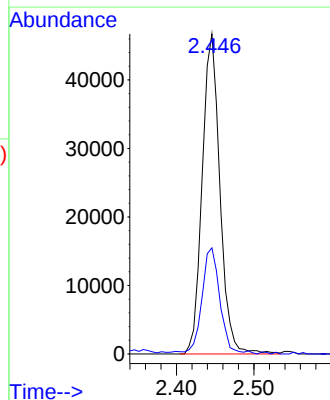
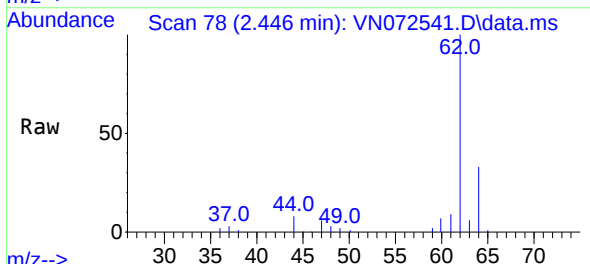
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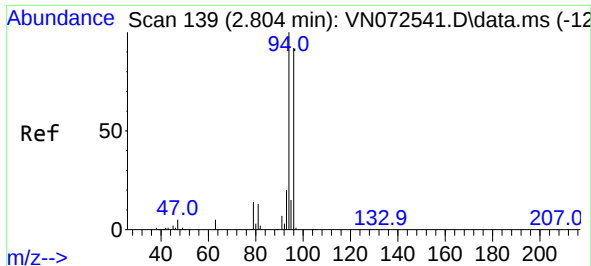
Reviewed By :John Carlone 05/19/2022
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#4
Vinyl Chloride
Concen: 32.792 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

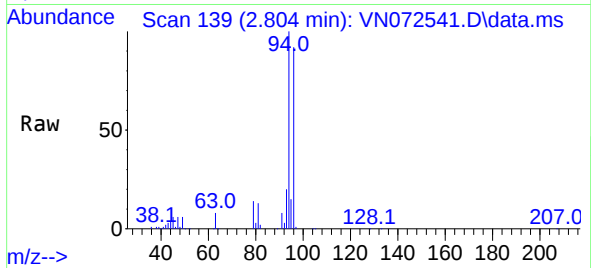
Tgt Ion: 62 Resp: 74311
Ion Ratio Lower Upper
62 100
64 33.1 25.0 37.4





#5
Bromomethane
Concen: 46.888 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

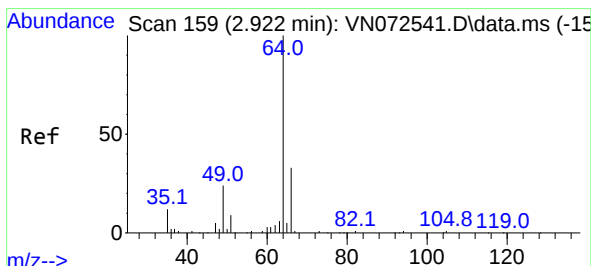
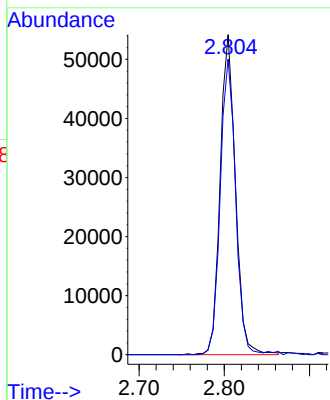
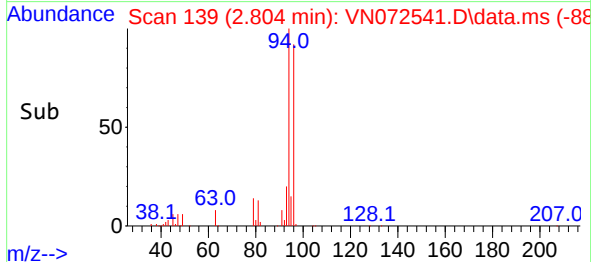
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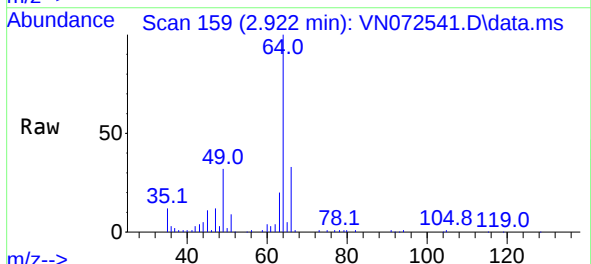
Tgt Ion: 94 Resp: 67602
Ion Ratio Lower Upper
94 100
96 92.4 76.0 114.0

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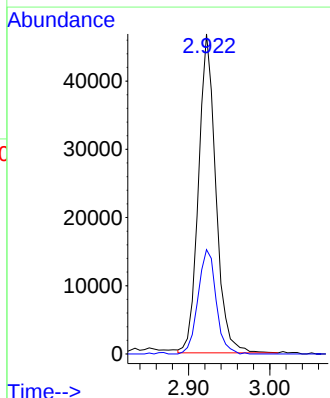
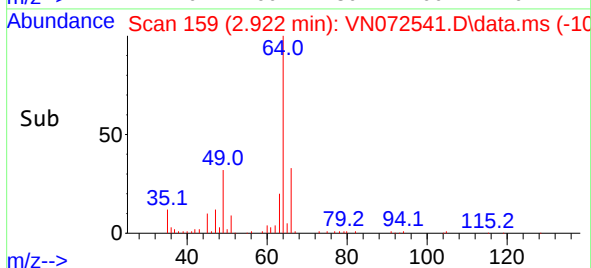
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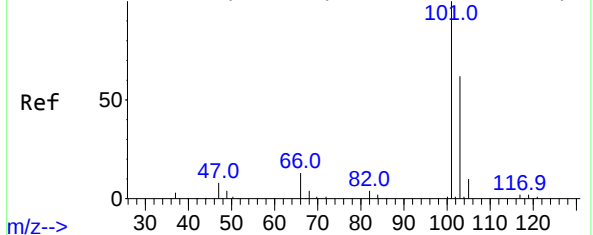
#6
Chloroethane
Concen: 44.953 ug/l
RT: 2.922 min Scan# 159
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion: 64 Resp: 69242
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4



Abundance Scan 224 (3.304 min): VN072541.D\data.ms (-21



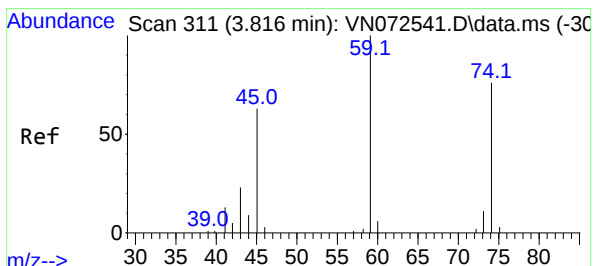
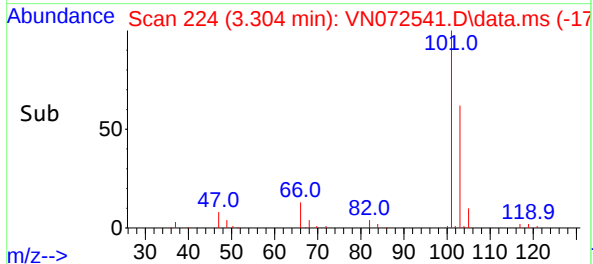
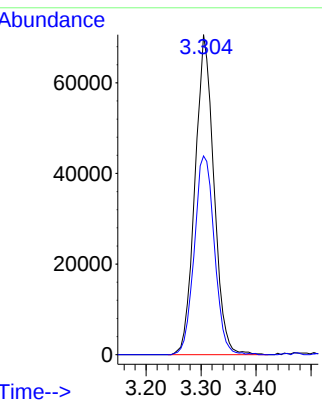
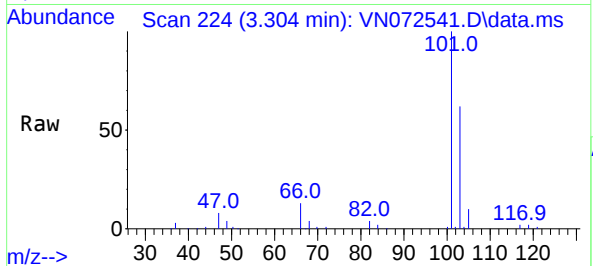
#7
Trichlorofluoromethane
Concen: 39.203 ug/l
RT: 3.304 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

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ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 168520
Ion Ratio Lower Upper
101 100
103 62.1 51.5 77.3

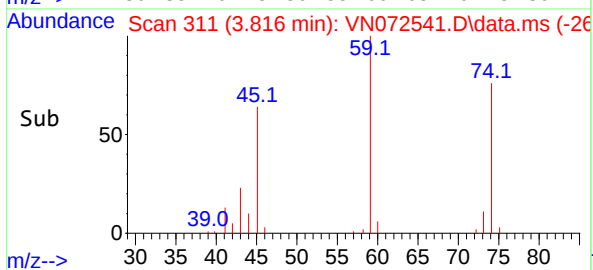
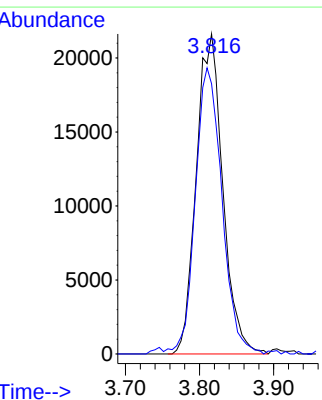
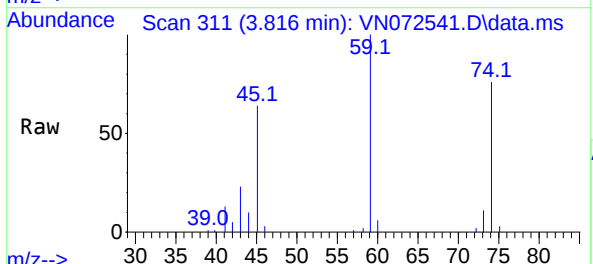
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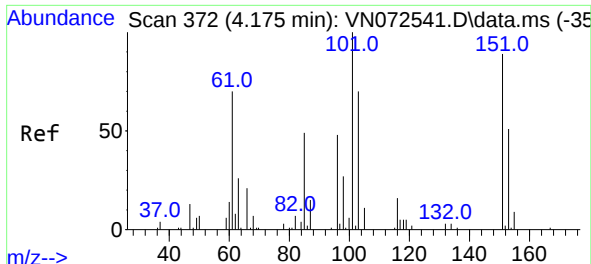
Reviewed By :John Carlone 05/19/2022
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#8
Diethyl Ether
Concen: 35.350 ug/l
RT: 3.816 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Tgt Ion: 74 Resp: 53659
Ion Ratio Lower Upper
74 100
45 89.9 42.9 128.5





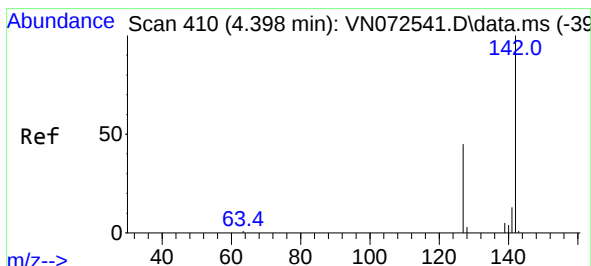
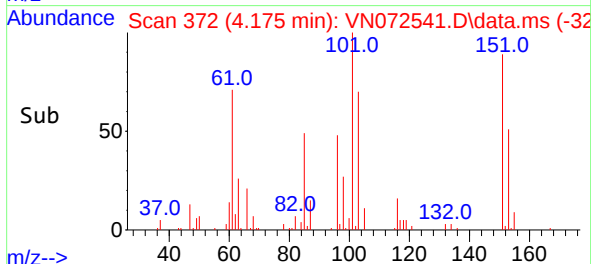
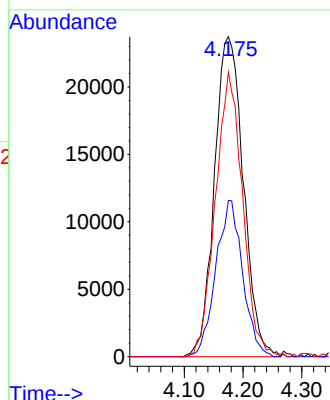
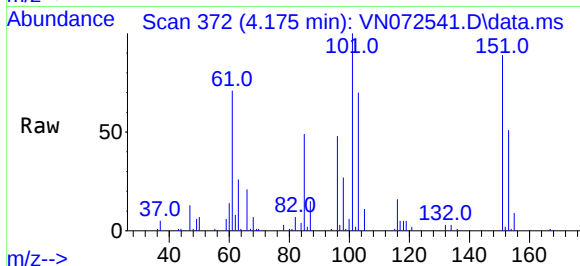
#9
1,1,2-Trichlorotrifluoroethane
Concen: 35.006 ug/l
RT: 4.175 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 81054
Ion Ratio Lower Upper
101 100
85 45.3 34.7 52.1
151 83.5 63.0 94.4

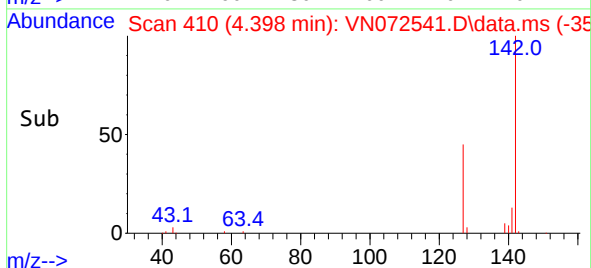
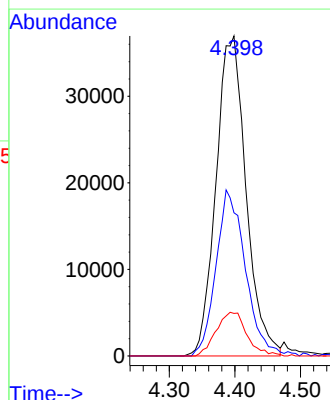
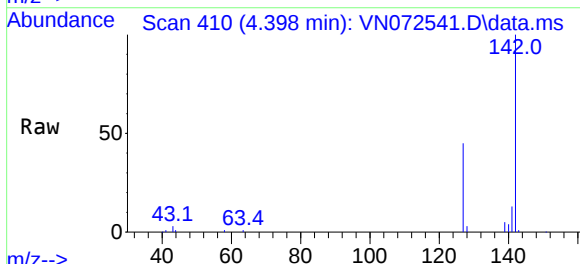
Manual Integrations
APPROVED

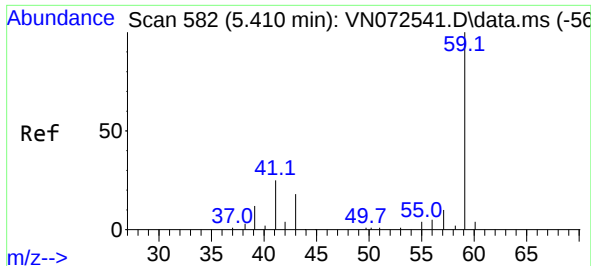
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#10
Methyl Iodide
Concen: 38.583 ug/l
RT: 4.398 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

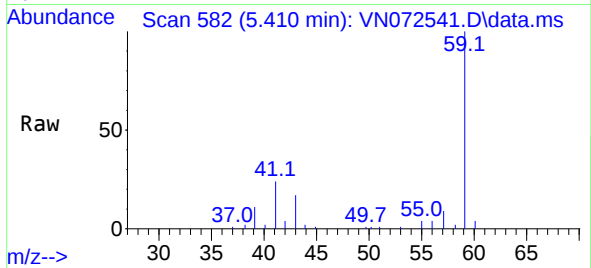
Tgt Ion:142 Resp: 117603
Ion Ratio Lower Upper
142 100
127 50.5 31.3 46.9#
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 141.493 ug/l
RT: 5.410 min Scan# 582
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

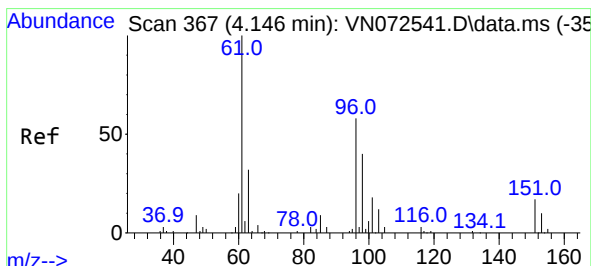
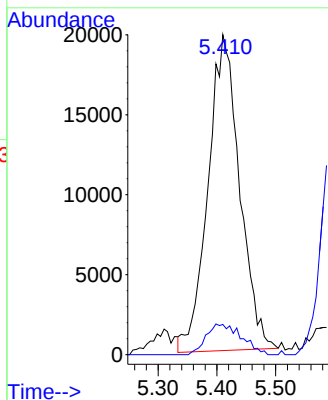
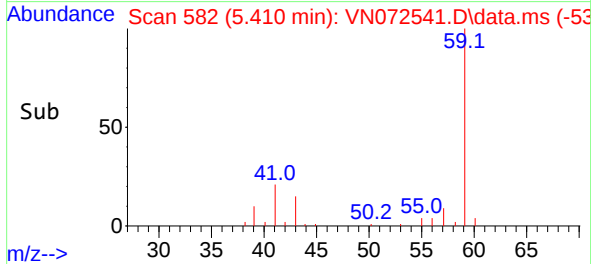
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



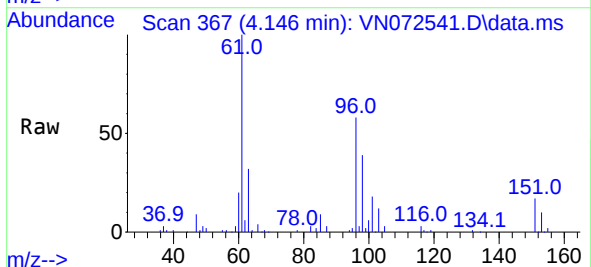
Tgt Ion: 59 Resp: 73740
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

Manual Integrations
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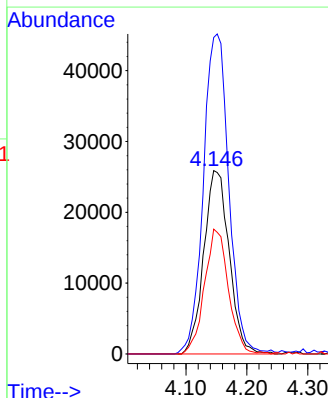
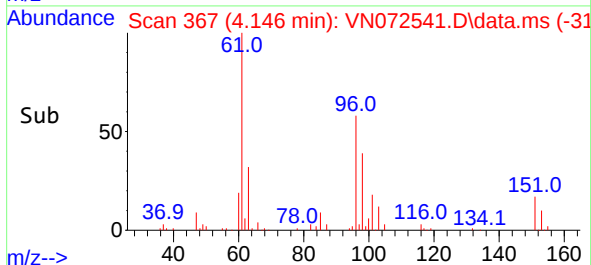
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

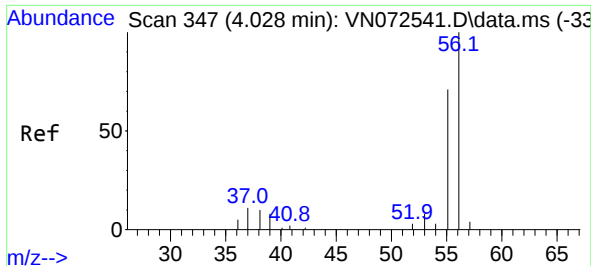


#12
1,1-Dichloroethene
Concen: 34.626 ug/l
RT: 4.146 min Scan# 367
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



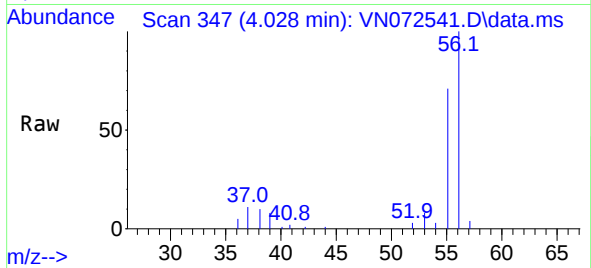
Tgt Ion: 96 Resp: 74966
Ion Ratio Lower Upper
96 100
61 172.0 127.6 191.4
98 68.1 51.2 76.8





#13
Acrolein
Concen: 178.926 ug/l
RT: 4.028 min Scan# 347
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

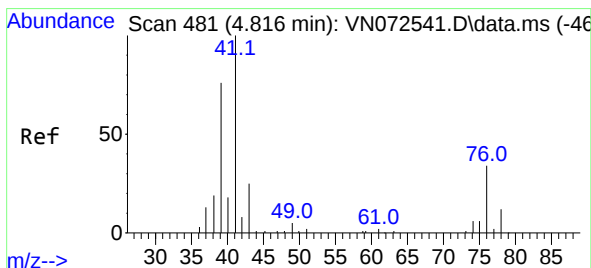
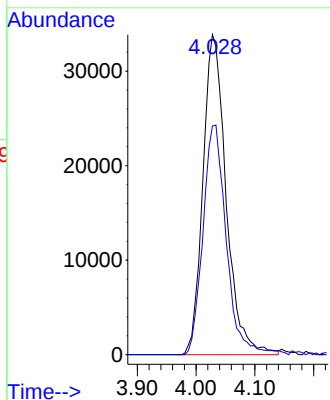
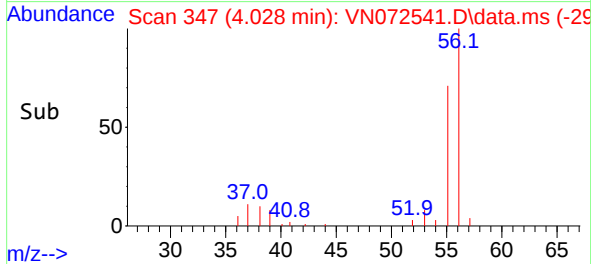
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



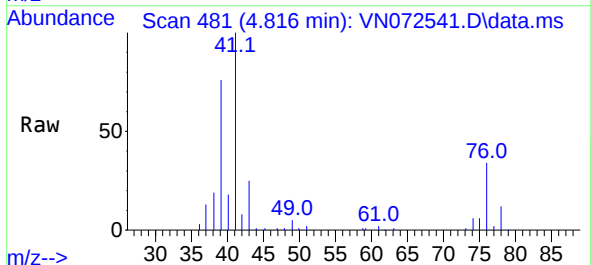
Tgt Ion: 56 Resp: 9312
Ion Ratio Lower Upper
56 100
55 72.0 54.8 82.2

Manual Integrations
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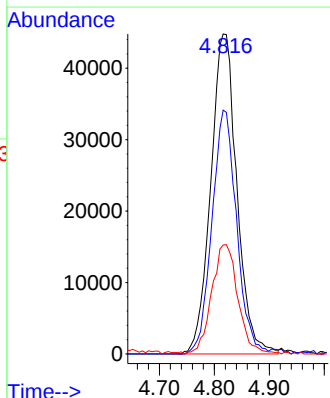
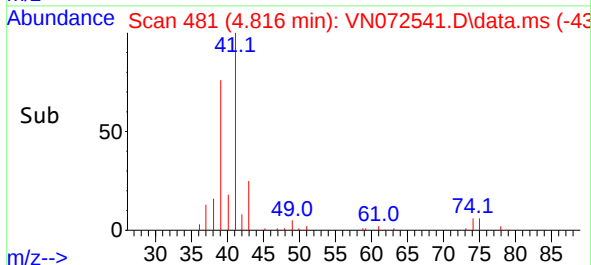
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

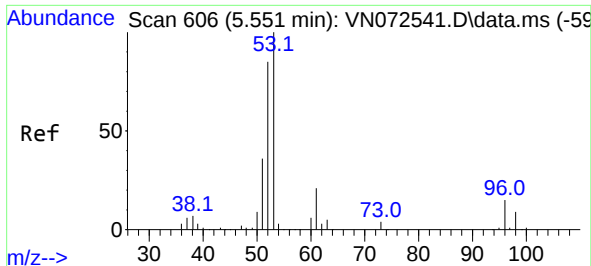


#14
Allyl chloride
Concen: 36.660 ug/l
RT: 4.816 min Scan# 481
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



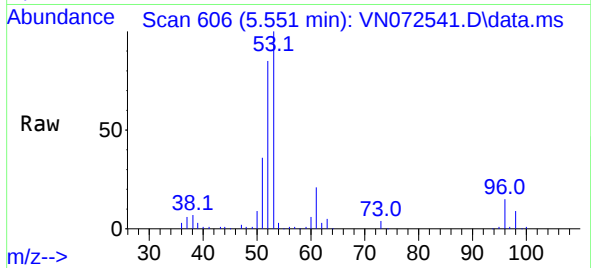
Tgt Ion: 41 Resp: 147923
Ion Ratio Lower Upper
41 100
39 71.8 53.2 79.8
76 34.3 29.9 44.9





#15
Acrylonitrile
Concen: 195.493 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

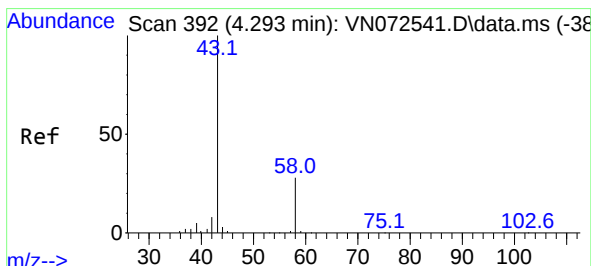
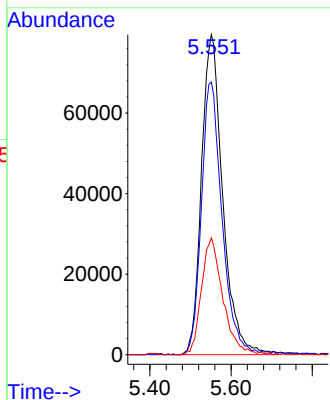
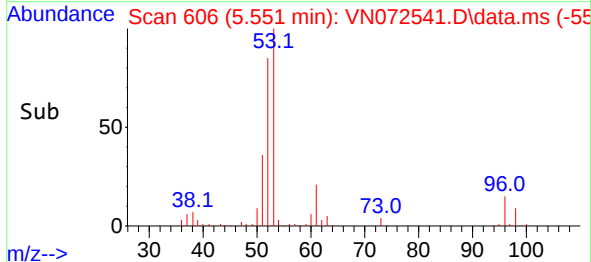
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 28875
Ion Ratio Lower Upper
53 100
52 82.8 66.4 99.6
51 36.5 28.5 42.7

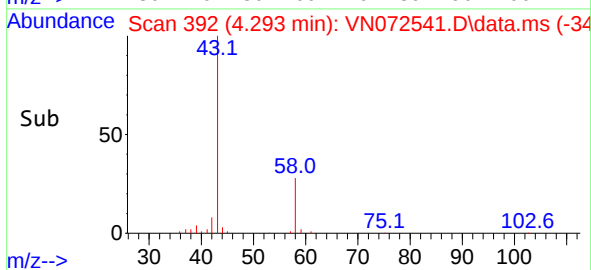
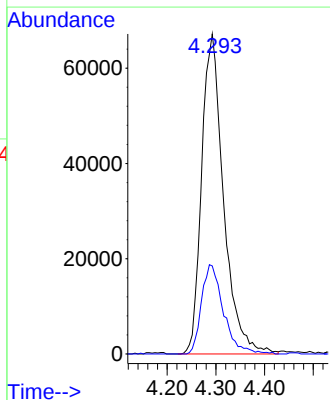
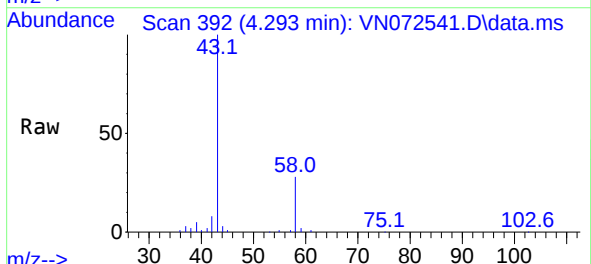
Manual Integrations
APPROVED

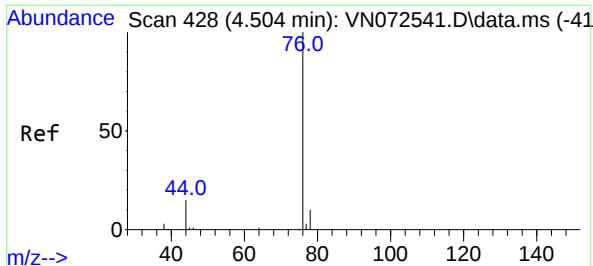
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#16
Acetone
Concen: 161.817 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

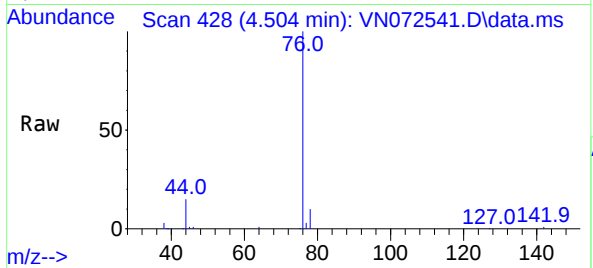
Tgt Ion: 43 Resp: 209928
Ion Ratio Lower Upper
43 100
58 27.5 26.0 39.0





#17
Carbon Disulfide
Concen: 35.814 ug/l
RT: 4.504 min Scan# 428
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

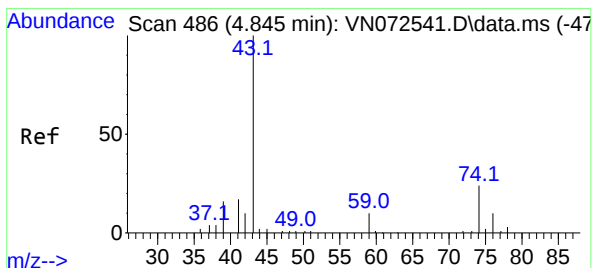
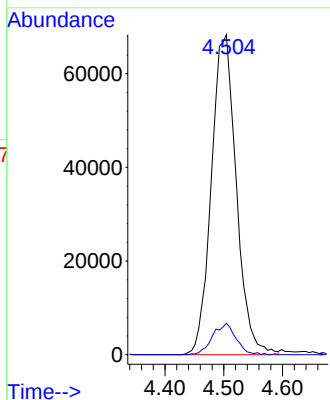
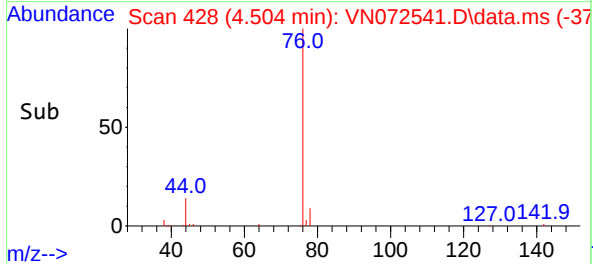
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



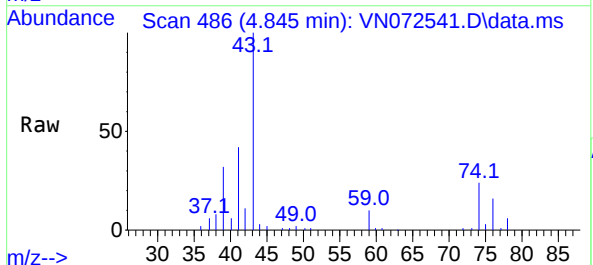
Tgt Ion: 76 Resp: 20141
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8

Manual Integrations
APPROVED

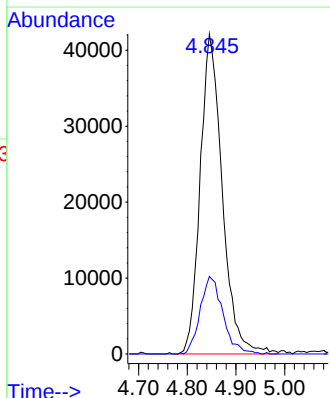
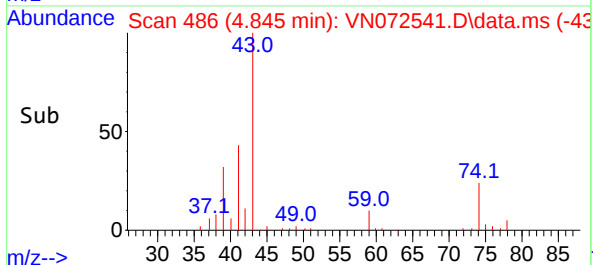
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

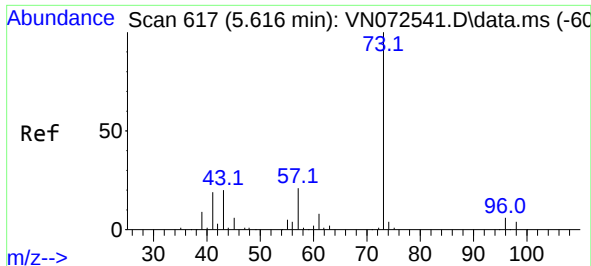


#18
Methyl Acetate
Concen: 34.580 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion: 43 Resp: 132570
Ion Ratio Lower Upper
43 100
74 25.0 21.6 32.4





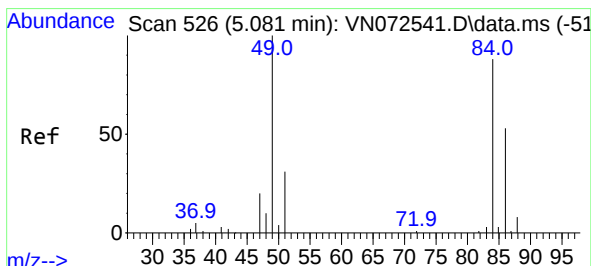
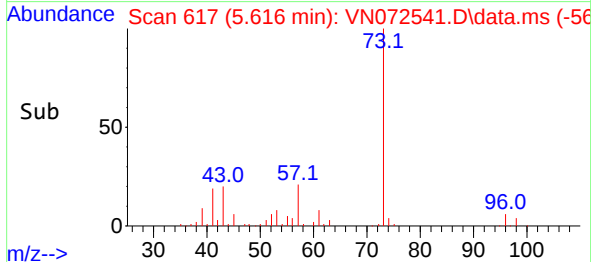
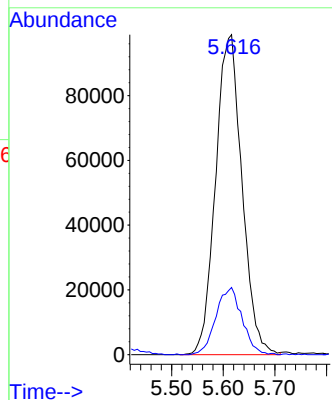
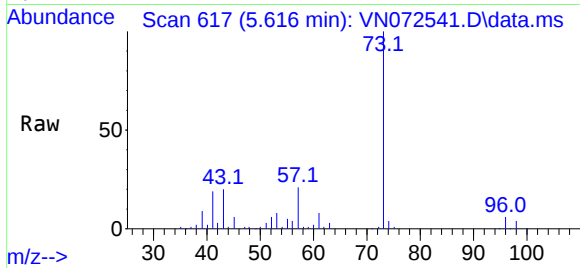
#19
Methyl tert-butyl Ether
Concen: 43.825 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 35032
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4

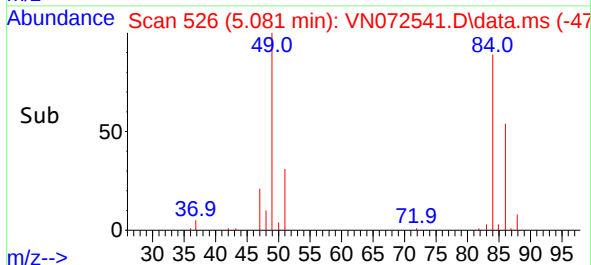
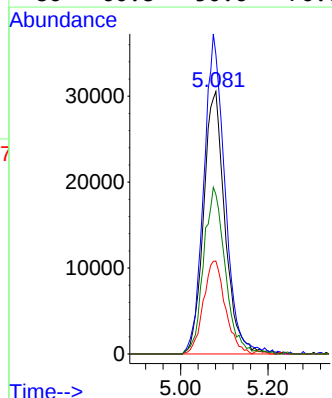
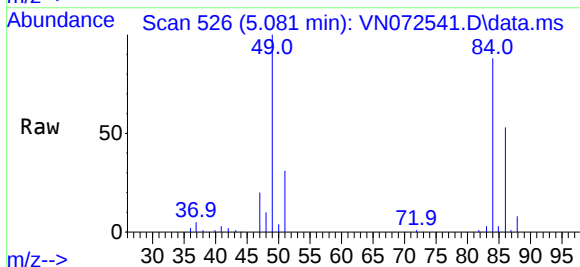
Manual Integrations
APPROVED

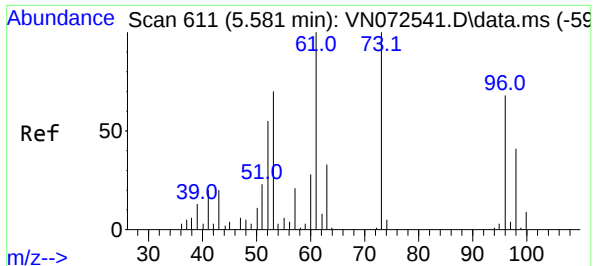
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#20
Methylene Chloride
Concen: 38.235 ug/l
RT: 5.081 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

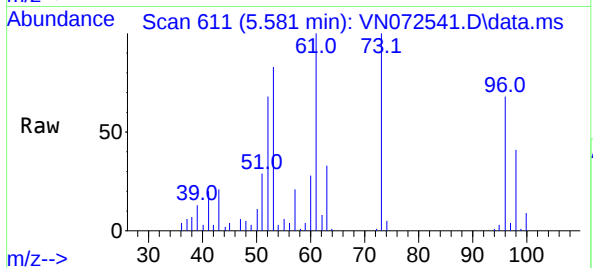
Tgt Ion: 84 Resp: 104448
Ion Ratio Lower Upper
84 100
49 114.1 88.3 132.5
51 35.4 28.2 42.2
86 60.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 41.024 ug/l
RT: 5.581 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

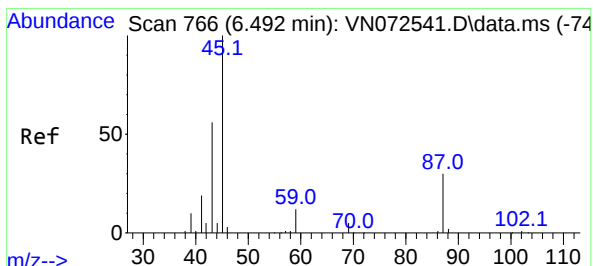
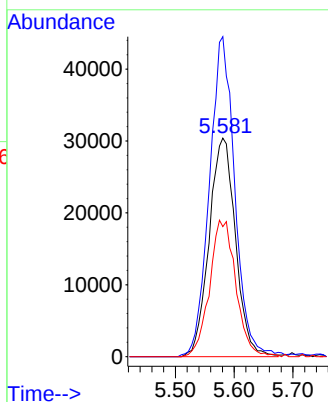
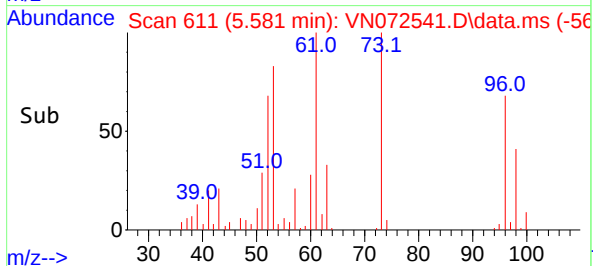
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



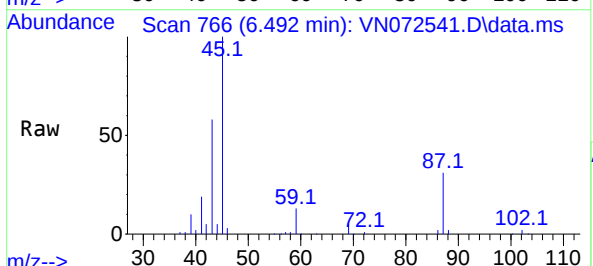
Tgt Ion: 96 Resp: 9484
Ion Ratio Lower Upper
96 100
61 146.4 105.8 158.8
98 59.5 50.3 75.5

Manual Integrations
APPROVED

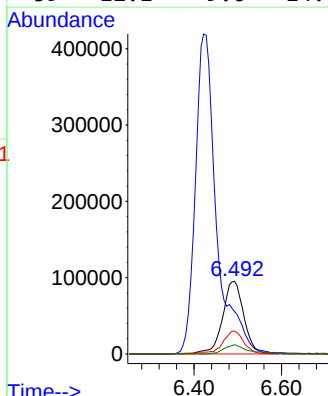
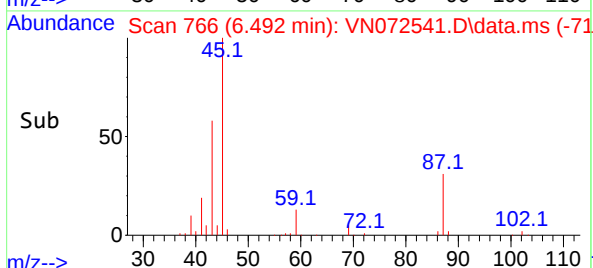
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

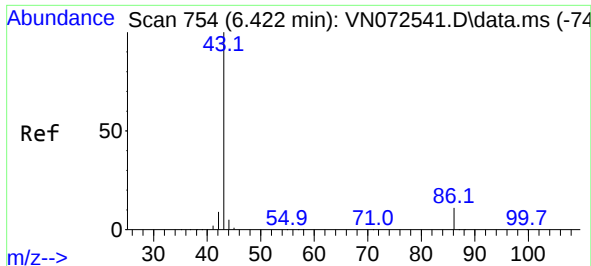


#22
Diisopropyl ether
Concen: 38.575 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



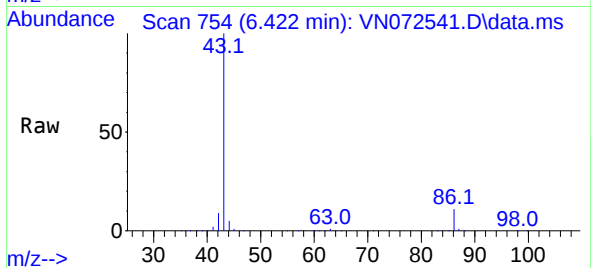
Tgt Ion: 45 Resp: 319442
Ion Ratio Lower Upper
45 100
43 56.7 46.6 70.0
87 31.2 24.3 36.5
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 204.847 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. 0.000 min
 Lab File: VN072541.D
 Acq: 18 May 2022 14:42

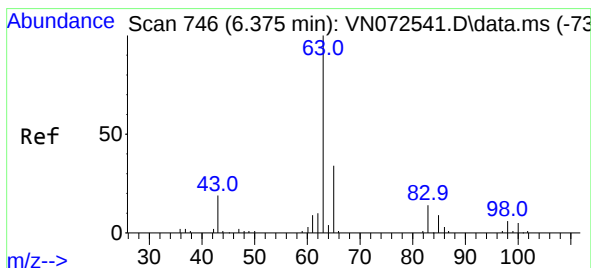
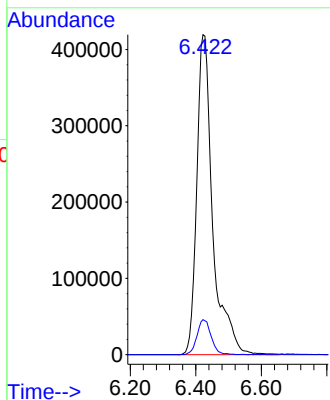
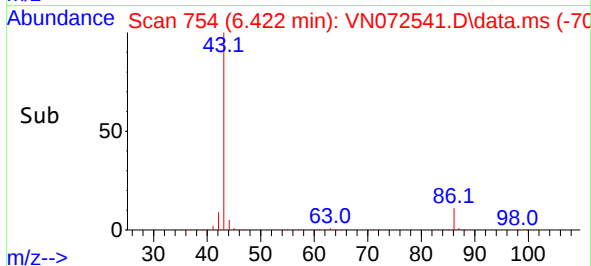
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



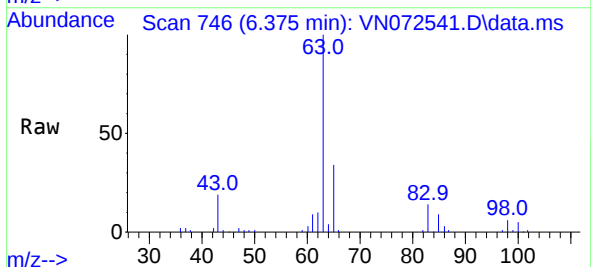
Tgt Ion: 43 Resp: 141951
 Ion Ratio Lower Upper
 43 100
 86 10.9 10.0 15.0

Manual Integrations
 APPROVED

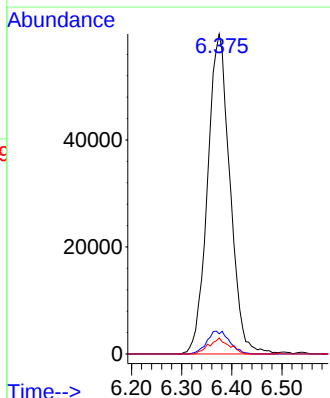
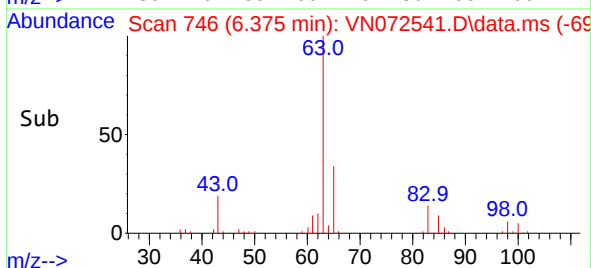
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

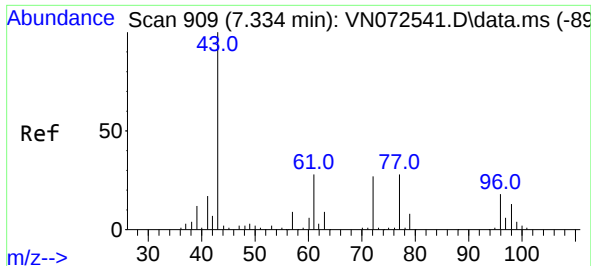


#24
 1,1-Dichloroethane
 Concen: 39.579 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VN072541.D
 Acq: 18 May 2022 14:42



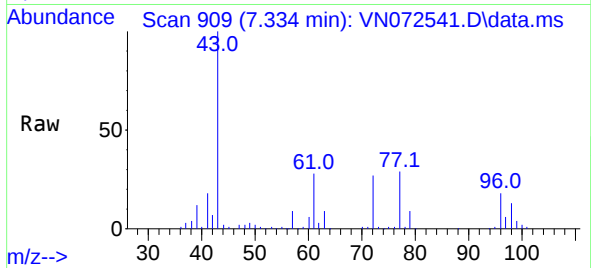
Tgt Ion: 63 Resp: 185789
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 178.851 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

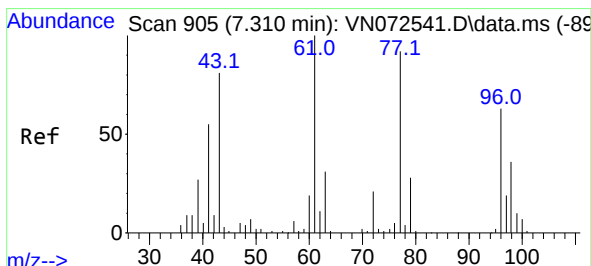
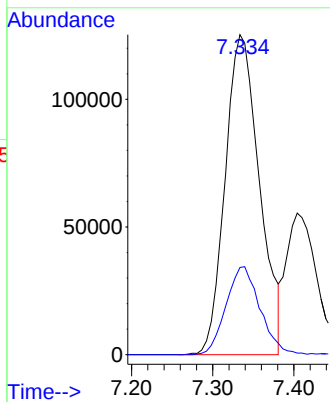
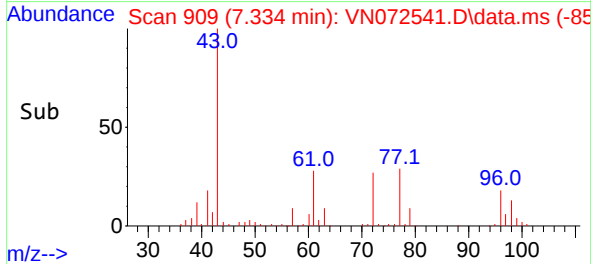
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



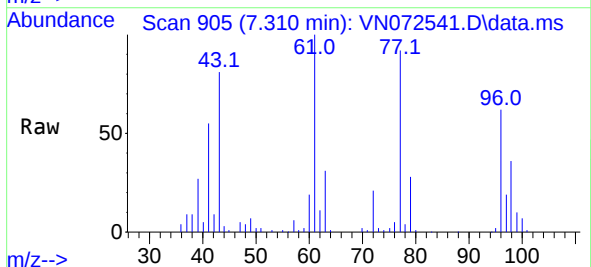
Tgt Ion: 43 Resp: 36864
Ion Ratio Lower Upper
43 100
72 27.3 23.7 35.5

Manual Integrations
APPROVED

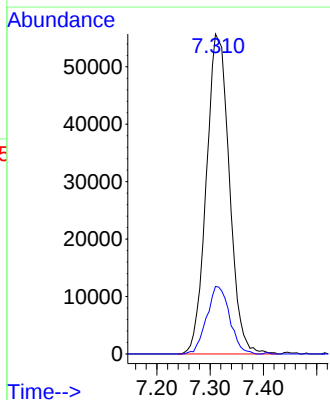
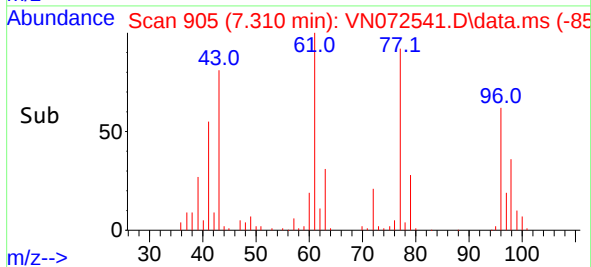
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

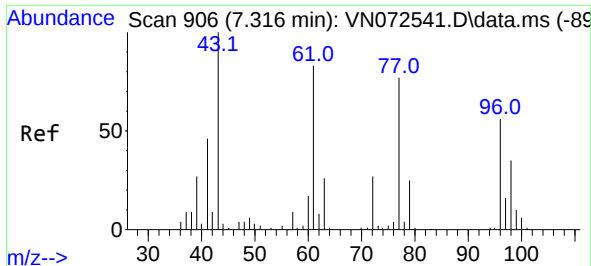


#26
2,2-Dichloropropane
Concen: 41.909 ug/l
RT: 7.310 min Scan# 905
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



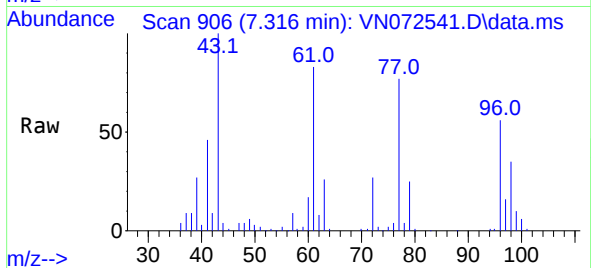
Tgt Ion: 77 Resp: 167180
Ion Ratio Lower Upper
77 100
97 21.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 39.190 ug/l
 RT: 7.316 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VN072541.D
 Acq: 18 May 2022 14:42

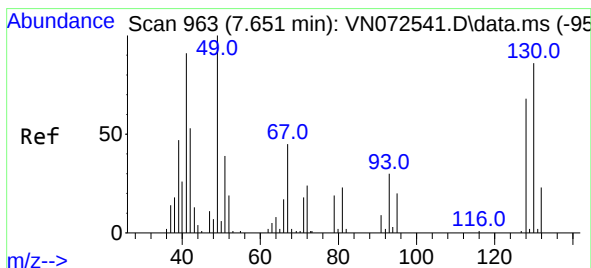
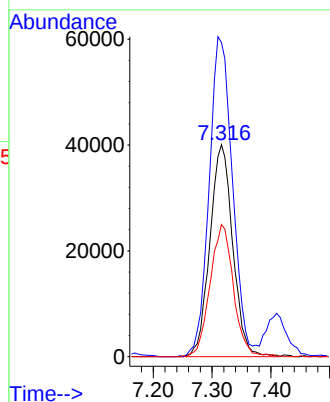
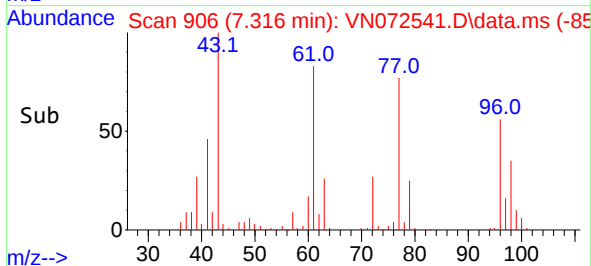
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



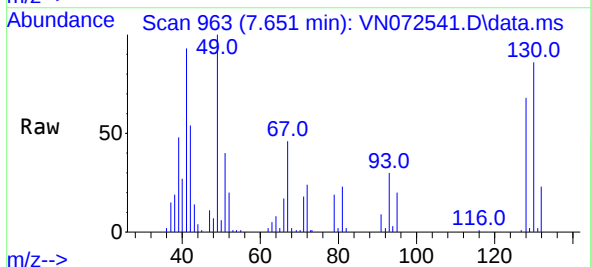
Tgt Ion: 96 Resp: 10818
 Ion Ratio Lower Upper
 96 100
 61 153.3 0.0 280.6
 98 63.7 0.0 128.4

Manual Integrations
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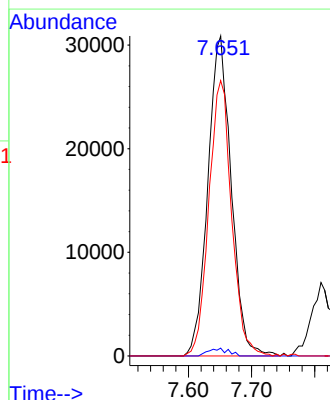
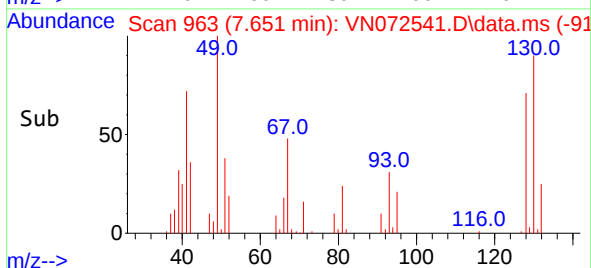
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

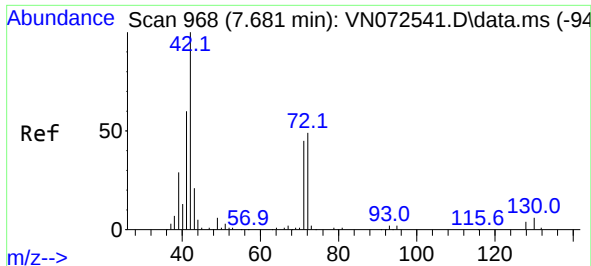


#28
 Bromochloromethane
 Concen: 39.733 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN072541.D
 Acq: 18 May 2022 14:42



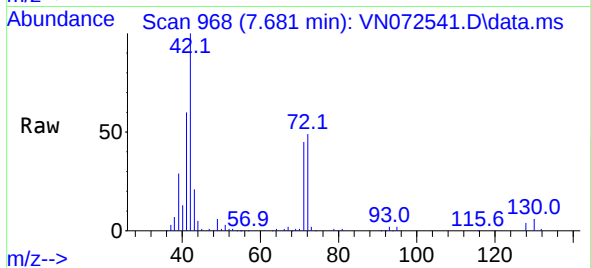
Tgt Ion: 49 Resp: 79416
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 83.6 69.7 104.5





#29
Tetrahydrofuran
Concen: 184.910 ug/l
RT: 7.681 min Scan# 968
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

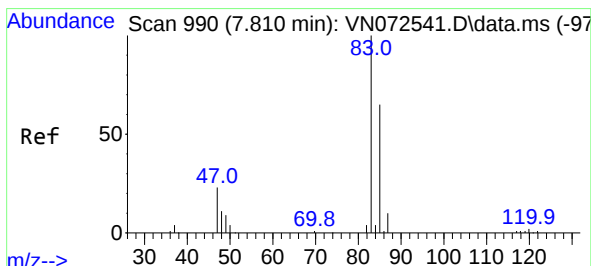
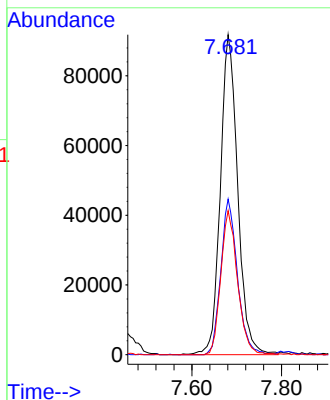
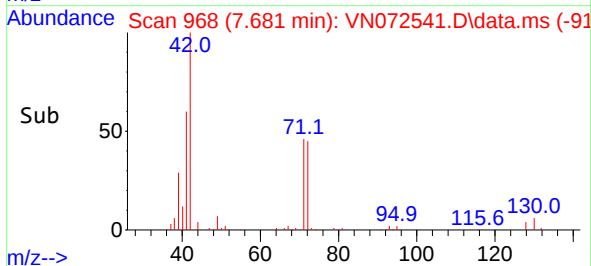
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



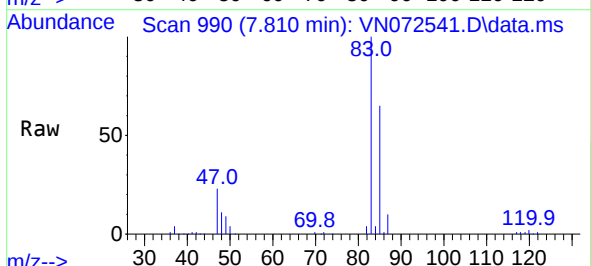
Tgt Ion: 42 Resp: 247319
Ion Ratio Lower Upper
42 100
72 46.5 39.7 59.5
71 43.3 36.6 55.0

Manual Integrations
APPROVED

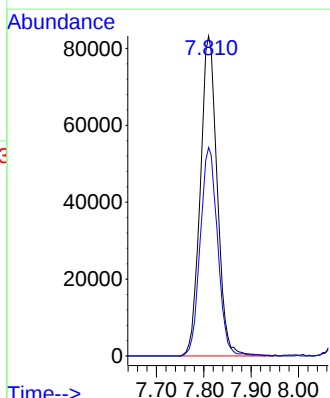
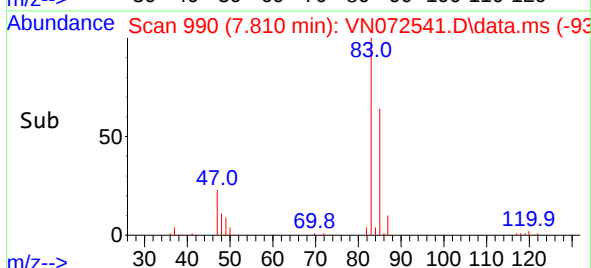
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

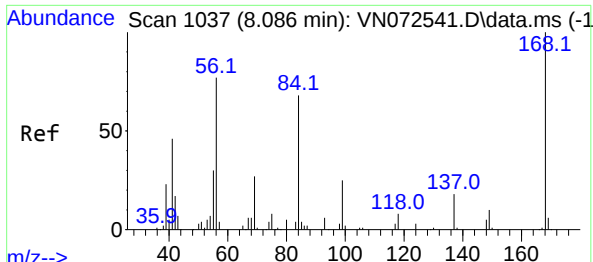


#30
Chloroform
Concen: 42.652 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



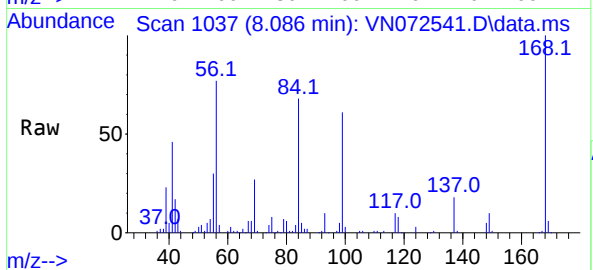
Tgt Ion: 83 Resp: 206101
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.8





#31
Cyclohexane
Concen: 37.554 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

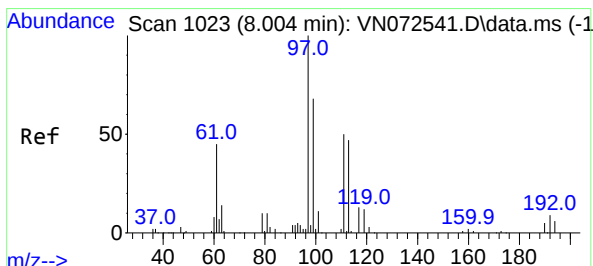
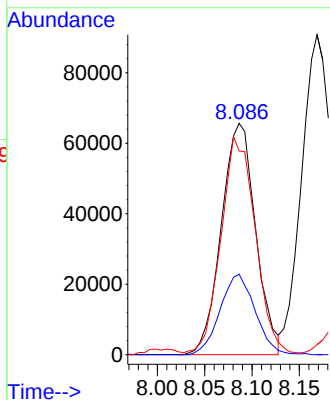
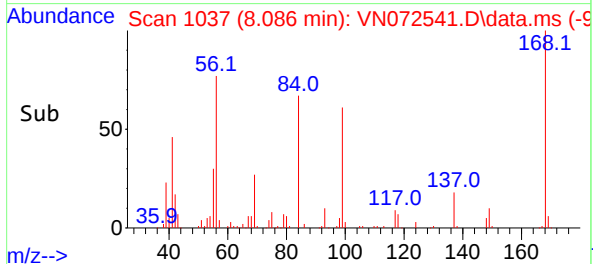
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



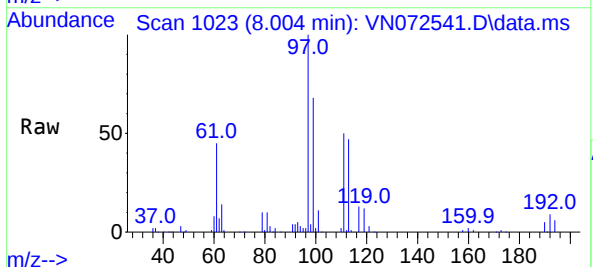
Tgt Ion: 56 Resp: 16560
Ion Ratio Lower Upper
56 100
69 34.8 27.8 41.8
84 86.8 76.9 115.3

Manual Integrations
APPROVED

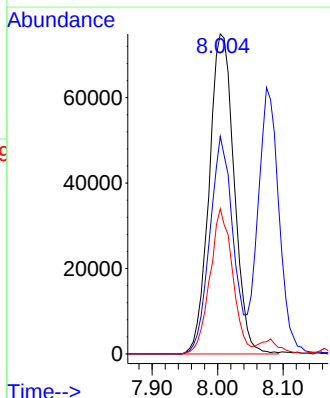
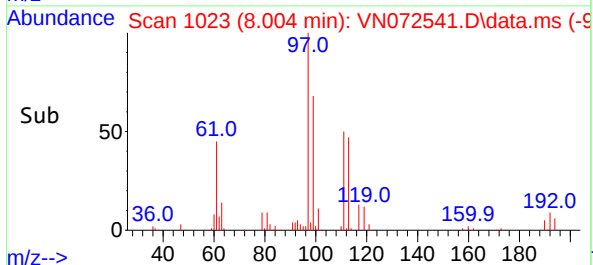
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

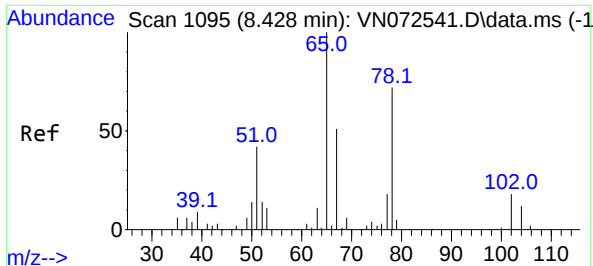


#32
1,1,1-Trichloroethane
Concen: 44.378 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion: 97 Resp: 197815
Ion Ratio Lower Upper
97 100
99 62.7 50.6 76.0
61 41.2 36.0 54.0





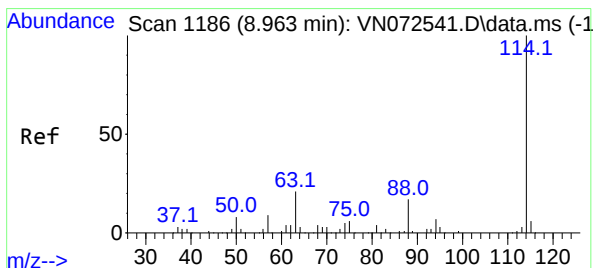
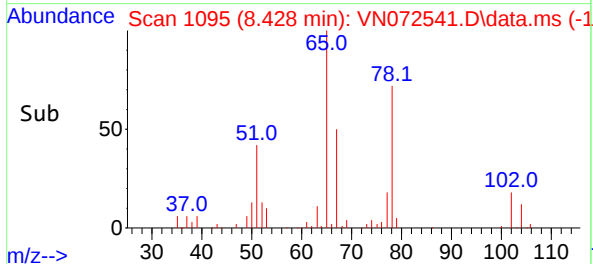
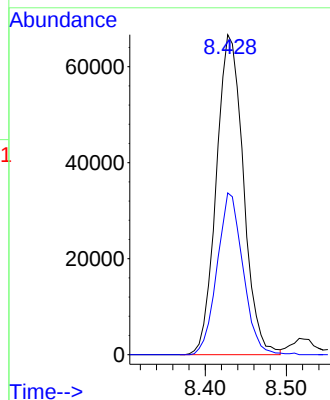
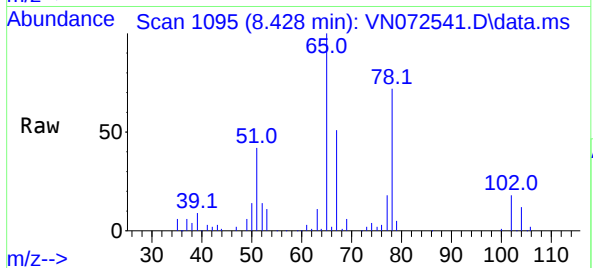
#33
1,2-Dichloroethane-d4
Concen: 44.675 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 15462
Ion Ratio Lower Upper
65 100
67 48.4 0.0 104.8

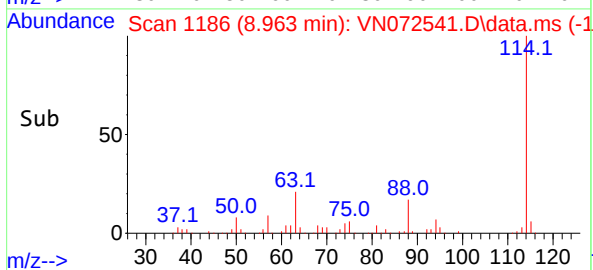
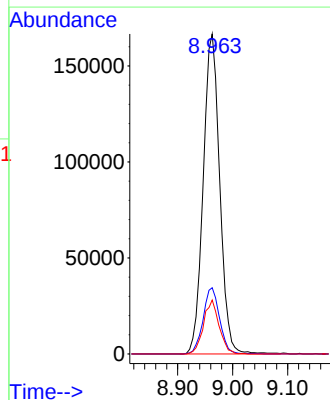
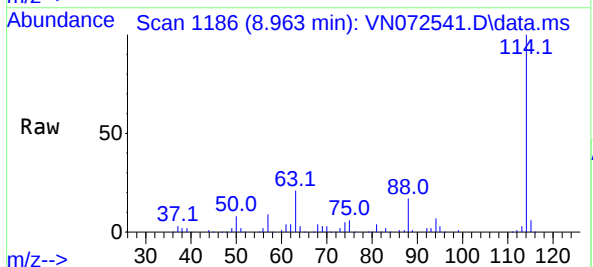
Manual Integrations
APPROVED

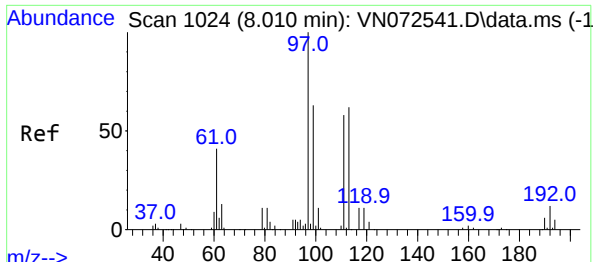
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

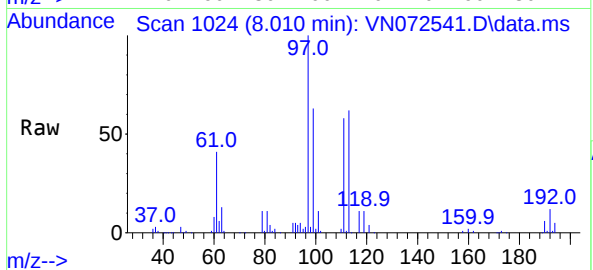
Tgt Ion:114 Resp: 347783
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 16.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.547 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

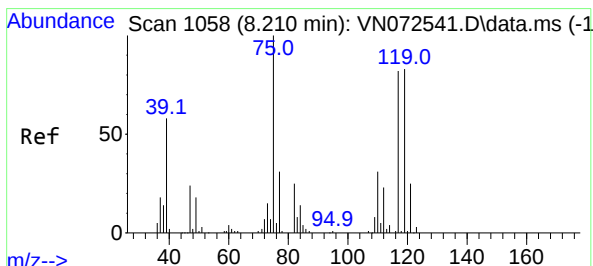
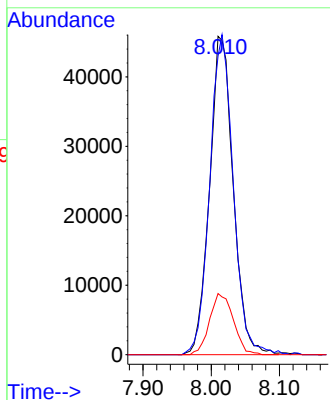
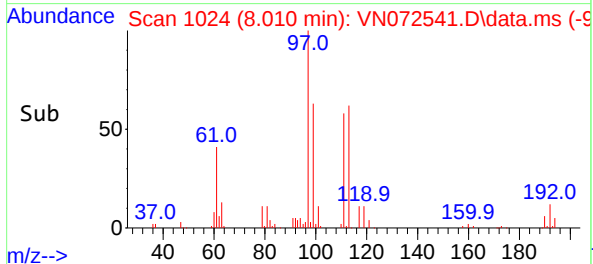
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



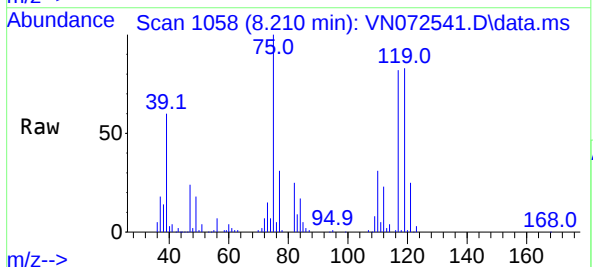
Tgt Ion: 113 Resp: 110532
Ion Ratio Lower Upper
113 100
111 100.4 81.4 122.0
192 19.3 17.0 25.6

Manual Integrations
APPROVED

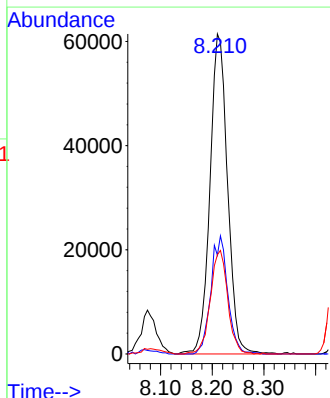
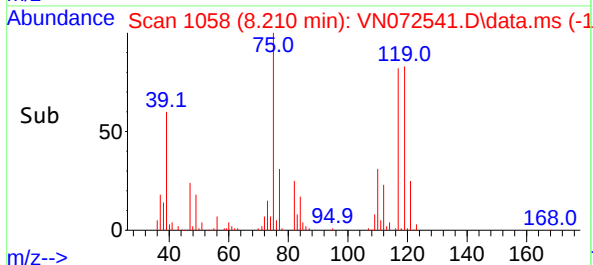
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

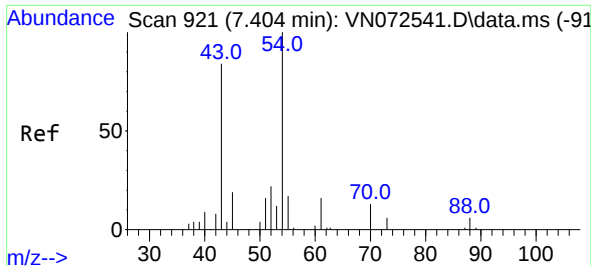


#36
1,1-Dichloropropene
Concen: 44.601 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion: 75 Resp: 145249
Ion Ratio Lower Upper
75 100
110 35.4 18.3 54.8
77 32.1 25.1 37.7





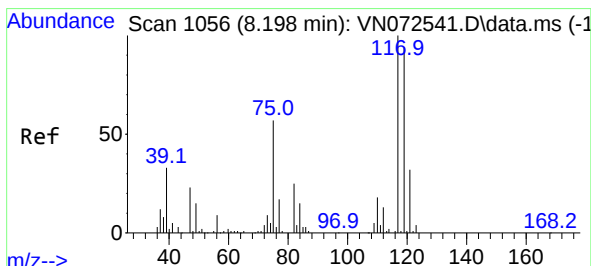
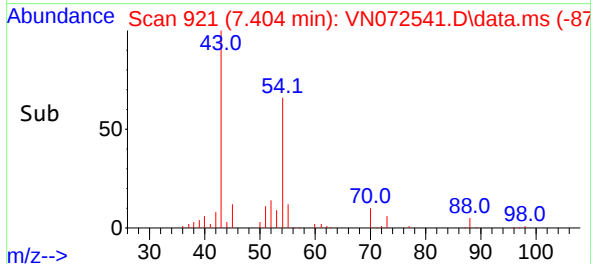
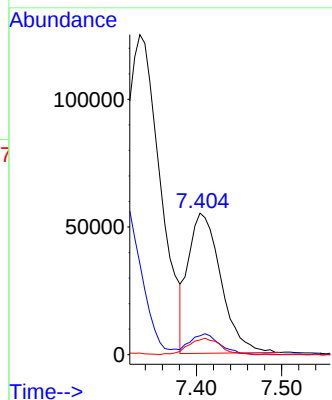
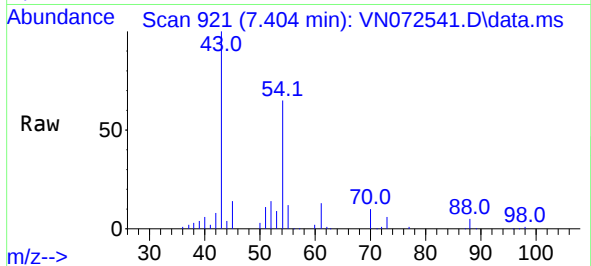
#37
Ethyl Acetate
Concen: 37.971 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 145112
Ion Ratio Lower Upper
43 100
61 13.2 11.8 17.6
70 11.5 9.3 13.9

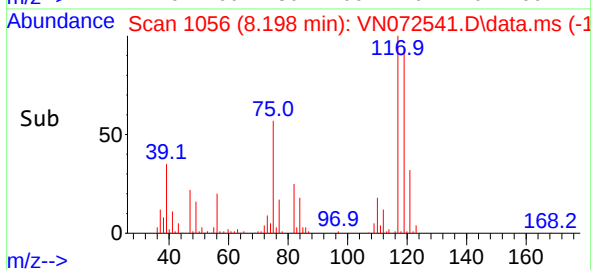
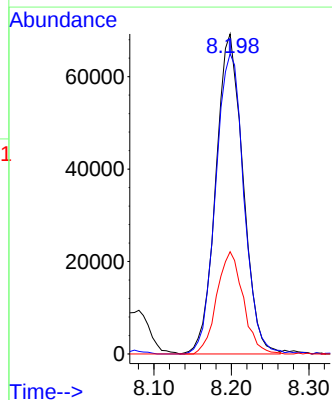
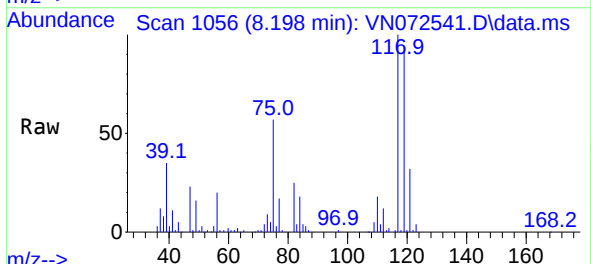
Manual Integrations
APPROVED

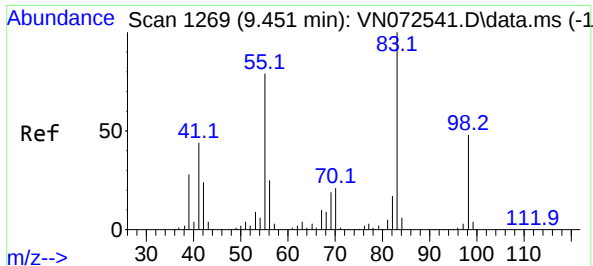
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#38
Carbon Tetrachloride
Concen: 45.958 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

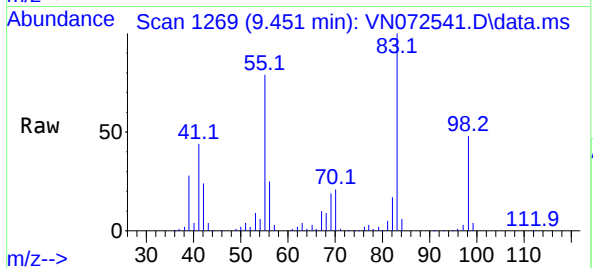
Tgt Ion:117 Resp: 169009
Ion Ratio Lower Upper
117 100
119 93.9 75.8 113.8
121 32.0 24.6 37.0





#39
Methylcyclohexane
Concen: 45.403 ug/l
RT: 9.451 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

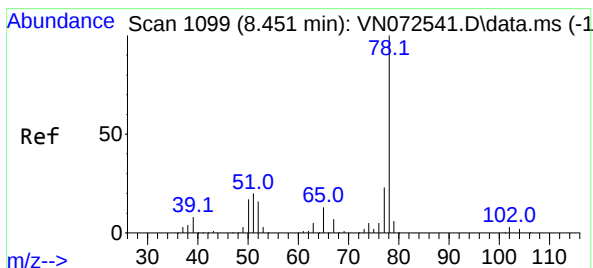
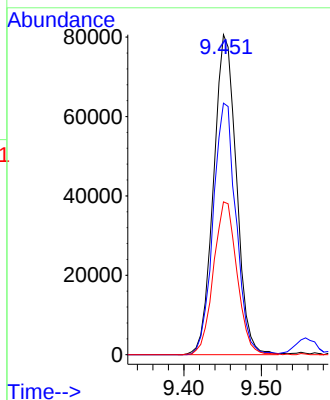
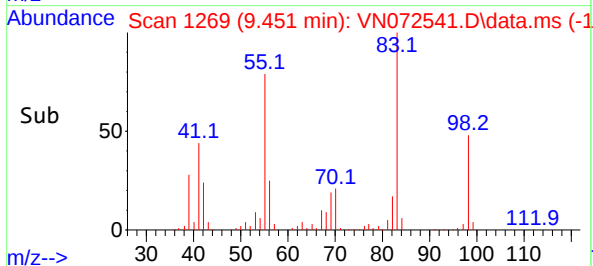
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



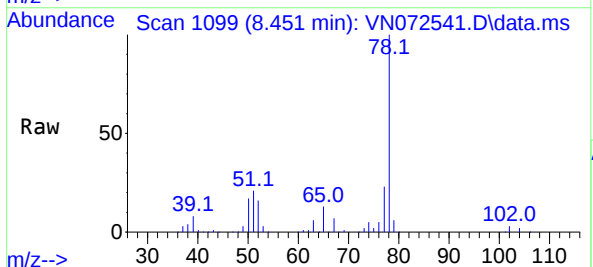
Tgt Ion: 83 Resp: 16510
Ion Ratio Lower Upper
83 100
55 78.6 57.8 86.8
98 47.8 39.4 59.2

Manual Integrations
APPROVED

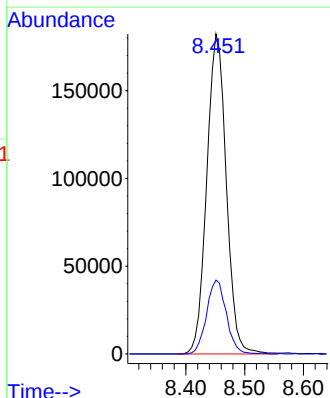
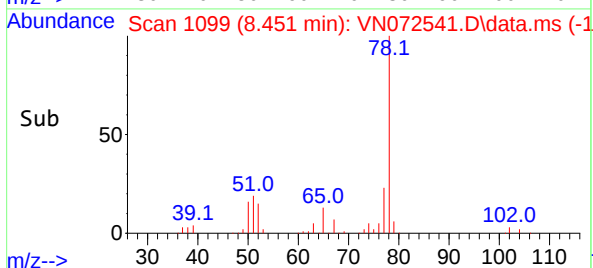
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

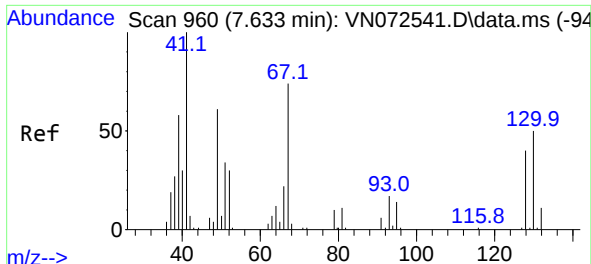


#40
Benzene
Concen: 43.243 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



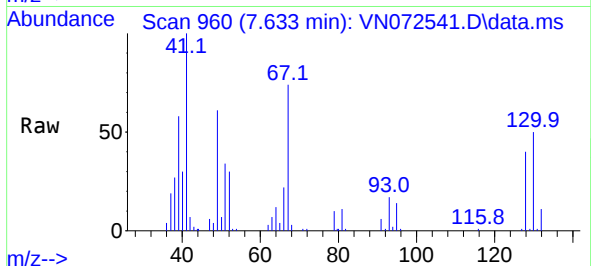
Tgt Ion: 78 Resp: 420237
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0





#41
Methacrylonitrile
Concen: 42.250 ug/l
RT: 7.633 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

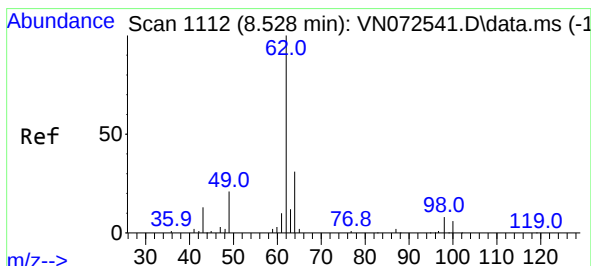
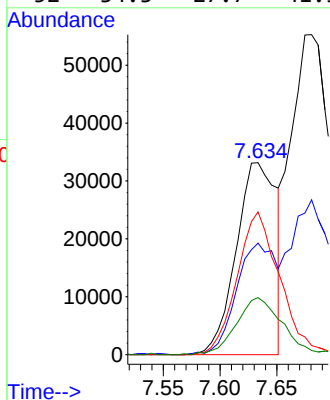
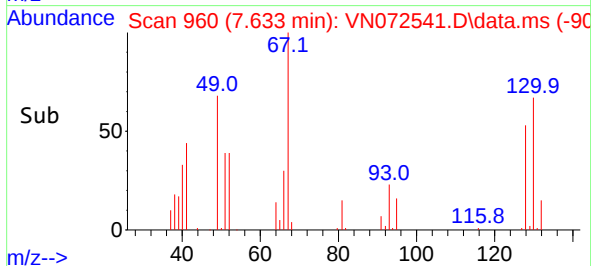
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 8158
Ion Ratio Lower Upper
41 100
39 57.4 48.6 73.0
67 79.0 73.4 110.2
52 34.3 27.7 41.5

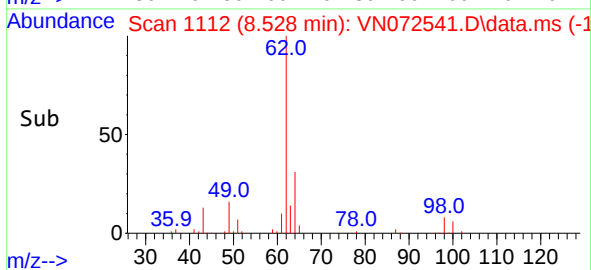
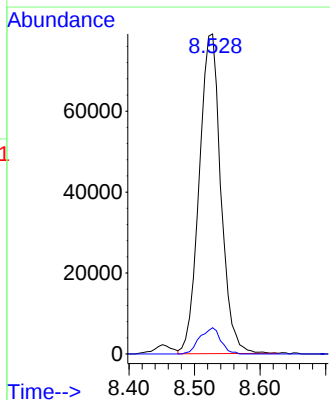
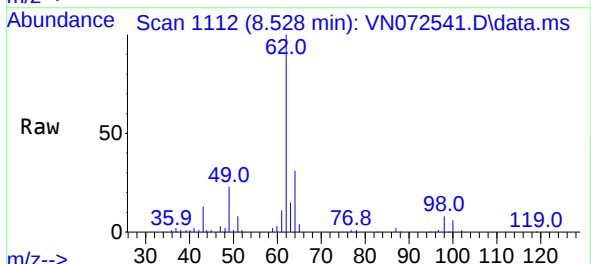
Manual Integrations
APPROVED

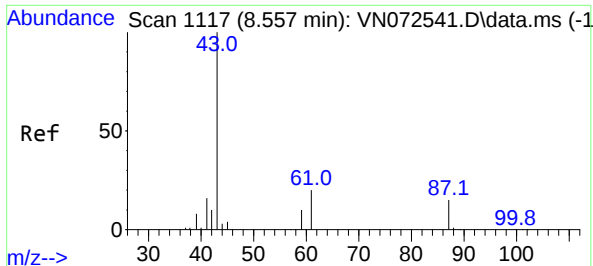
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#42
1,2-Dichloroethane
Concen: 45.814 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

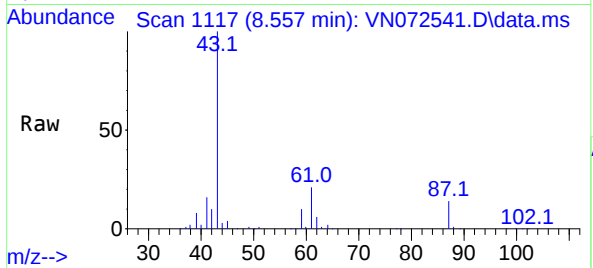
Tgt Ion: 62 Resp: 181541
Ion Ratio Lower Upper
62 100
98 7.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 43.372 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

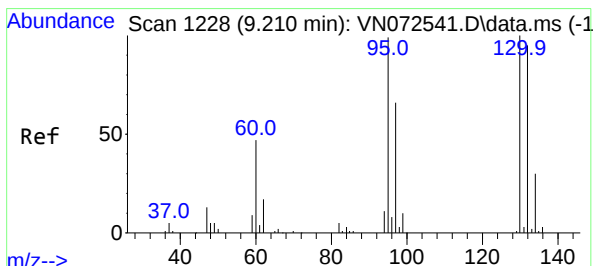
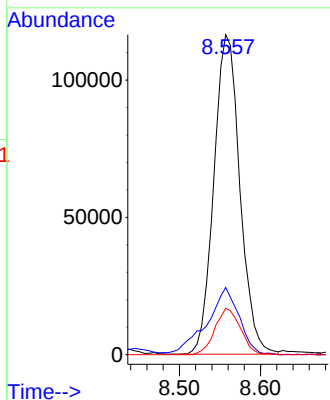
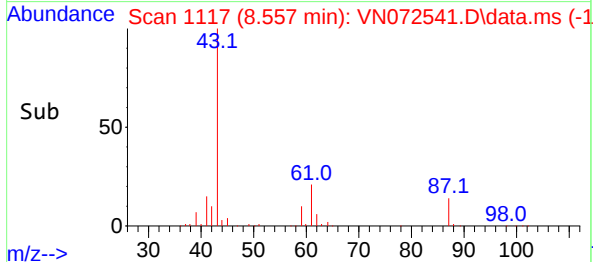
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



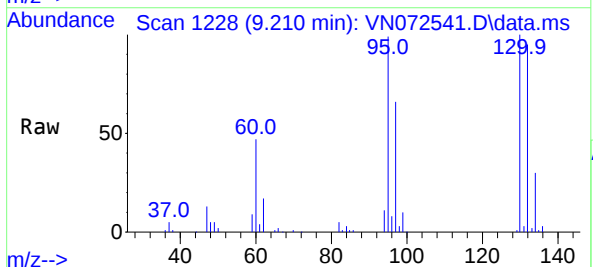
Tgt Ion: 43 Resp: 259524
Ion Ratio Lower Upper
43 100
61 26.1 21.9 32.9
87 14.3 12.0 18.0

Manual Integrations
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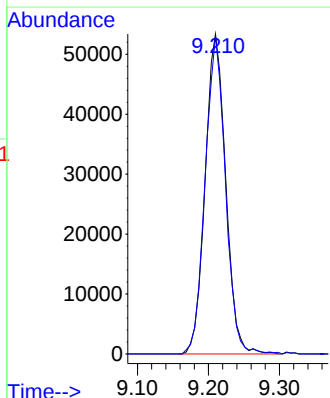
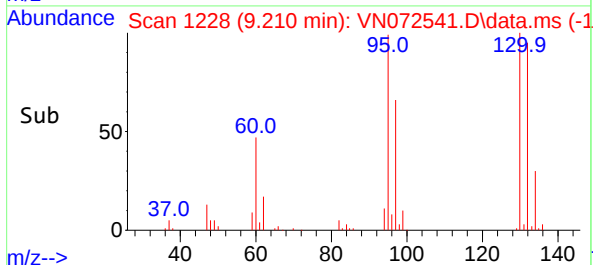
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

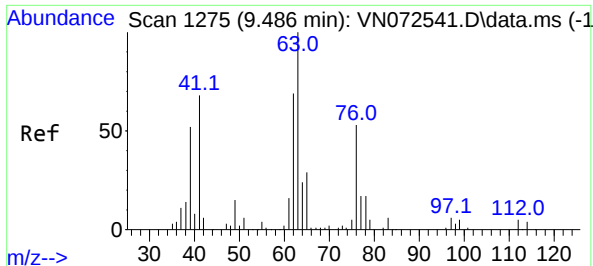


#44
Trichloroethene
Concen: 43.400 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion:130 Resp: 107379
Ion Ratio Lower Upper
130 100
95 99.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 40.504 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072541.D

Acq: 18 May 2022 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 9887

Ion Ratio Lower Upper

63 100

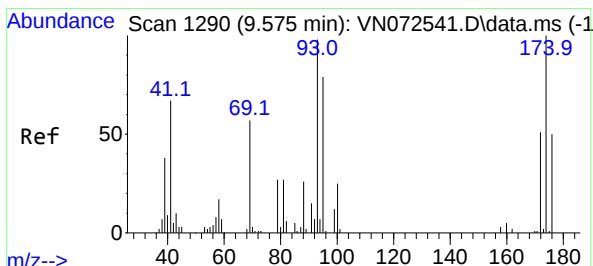
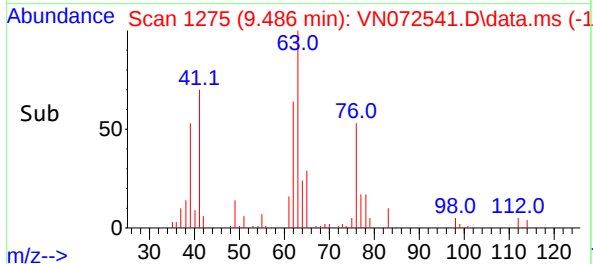
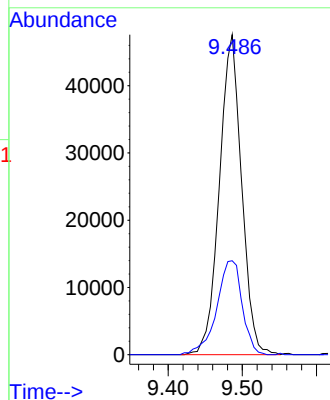
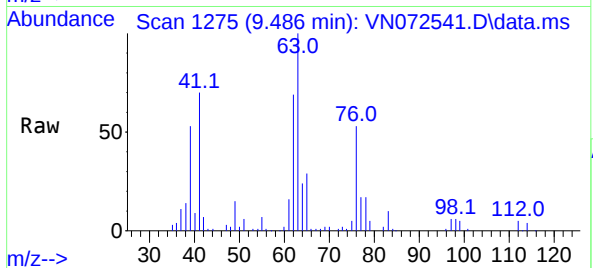
65 29.4 24.9 37.3

Manual Integrations

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Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#46

Dibromomethane

Concen: 43.945 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072541.D

Acq: 18 May 2022 14:42

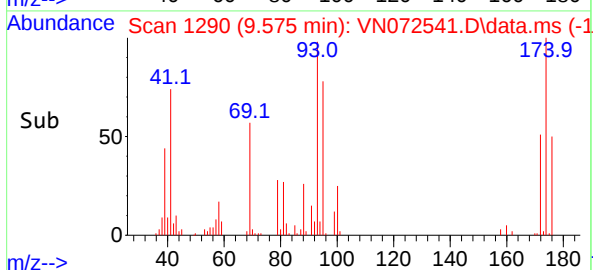
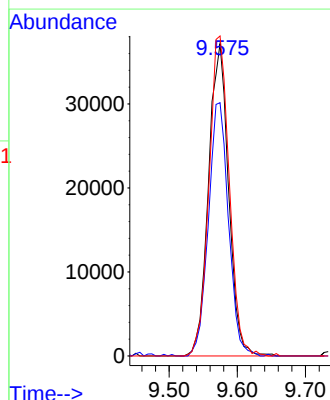
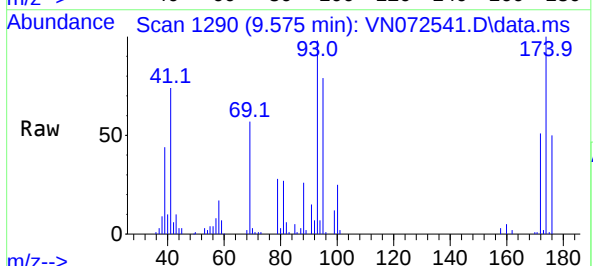
Tgt Ion: 93 Resp: 76040

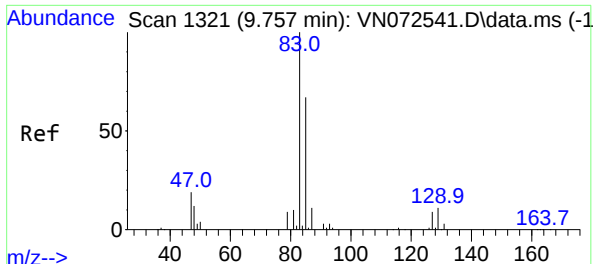
Ion Ratio Lower Upper

93 100

95 81.3 66.9 100.3

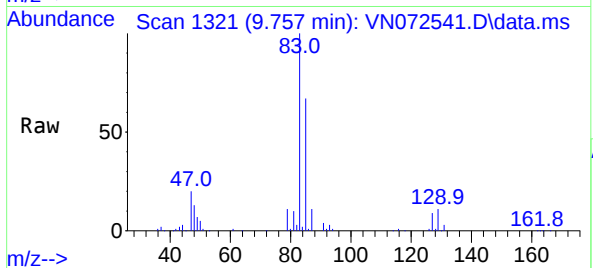
174 104.0 86.6 130.0





#47
Bromodichloromethane
Concen: 46.614 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

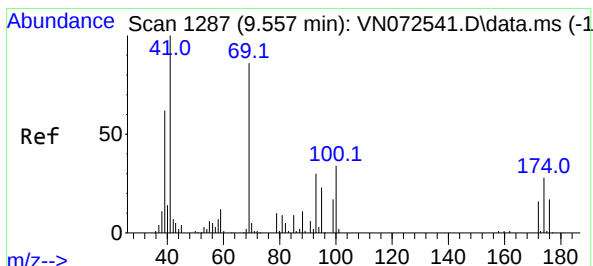
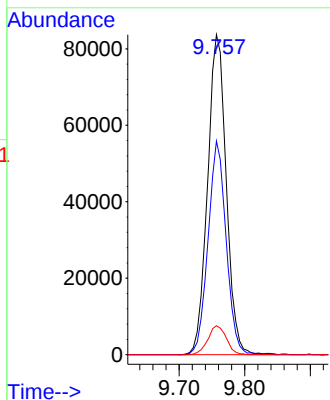
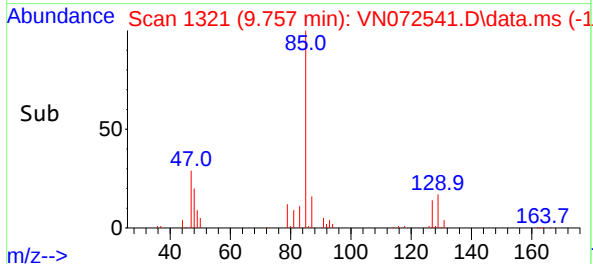
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



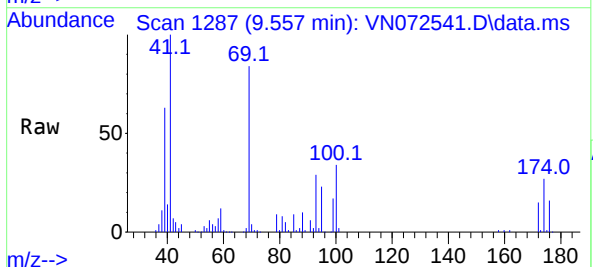
Tgt Ion: 83 Resp: 165772
Ion Ratio Lower Upper
83 100
85 66.7 50.5 75.7
127 9.0 6.8 10.2

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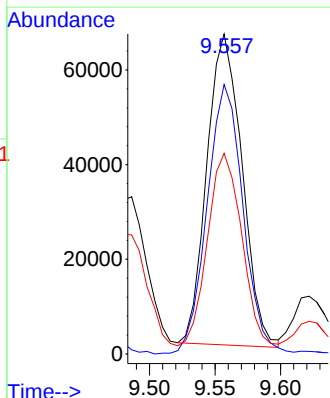
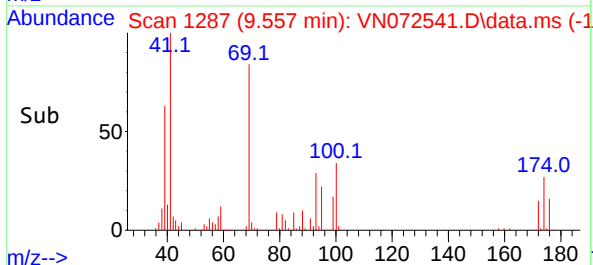
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

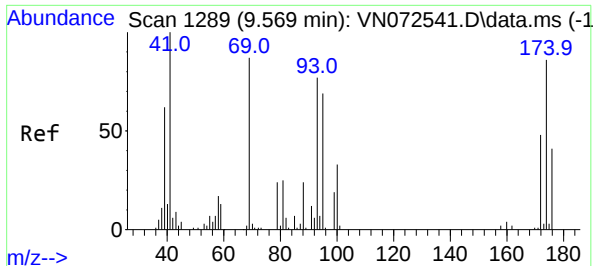


#48
Methyl methacrylate
Concen: 44.237 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



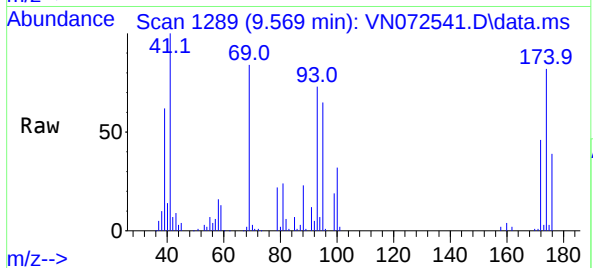
Tgt Ion: 41 Resp: 122319
Ion Ratio Lower Upper
41 100
69 88.8 74.7 112.1
39 66.3 45.6 68.4





#49
1,4-Dioxane
Concen: 492.760 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

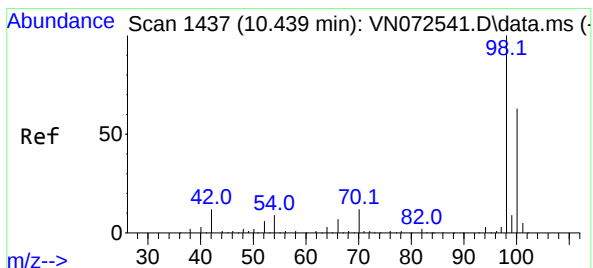
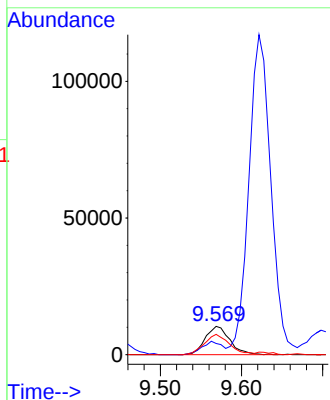
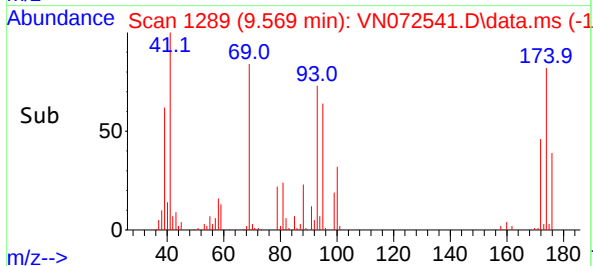
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



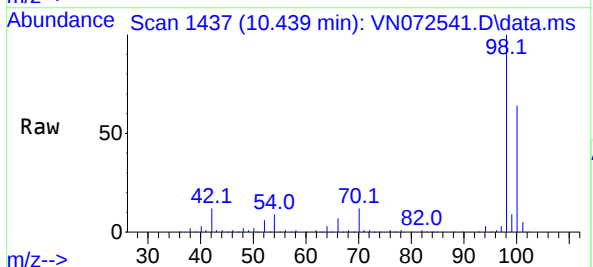
Tgt Ion: 88 Resp: 21710
Ion Ratio Lower Upper
88 100
43 38.8 20.2 30.4
58 73.6 54.2 81.4

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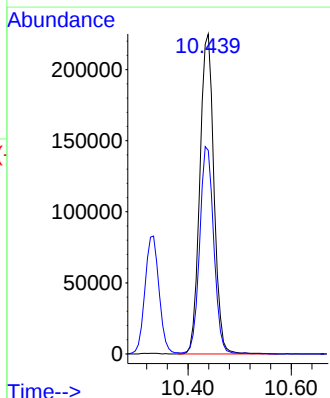
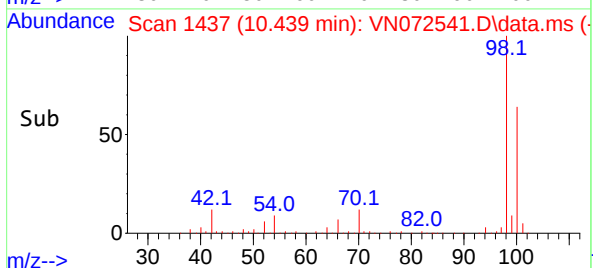
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

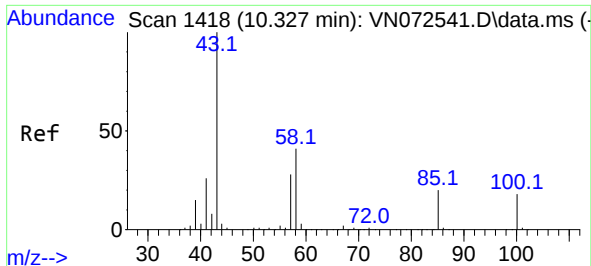


#50
Toluene-d8
Concen: 48.142 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



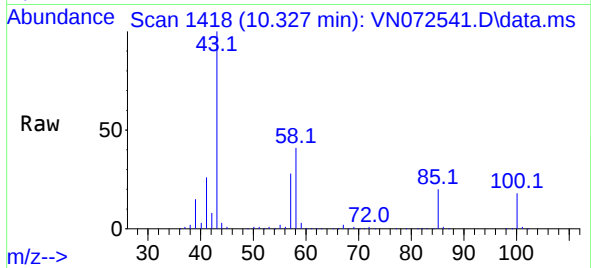
Tgt Ion: 98 Resp: 425178
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 240.853 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

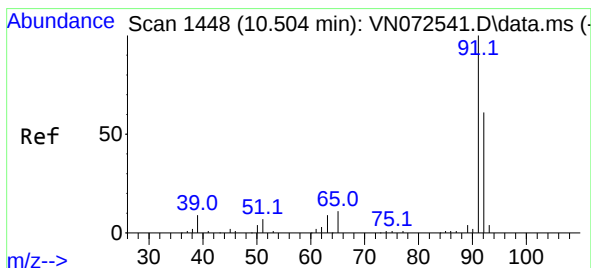
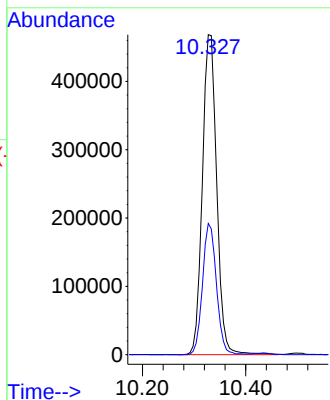
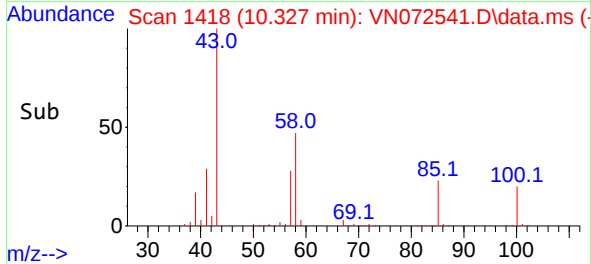
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



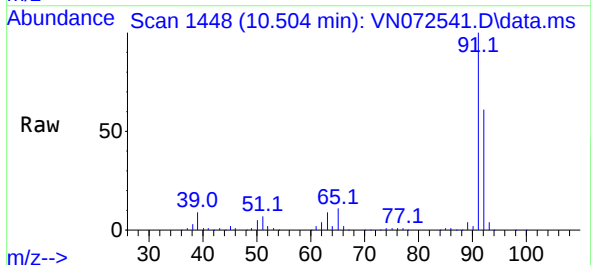
Tgt Ion: 43 Resp: 90312
Ion Ratio Lower Upper
43 100
58 39.7 34.1 51.1

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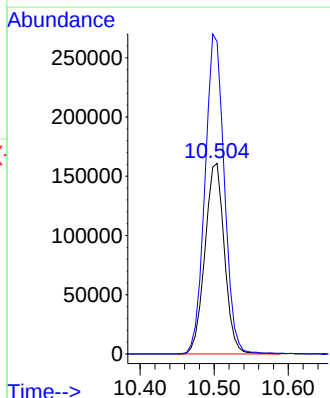
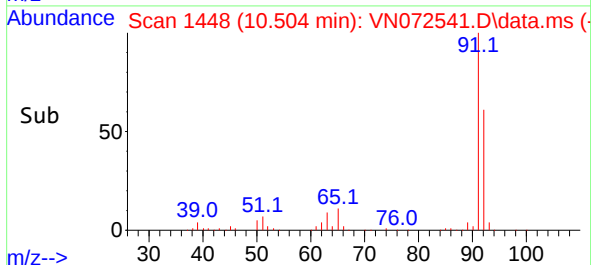
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

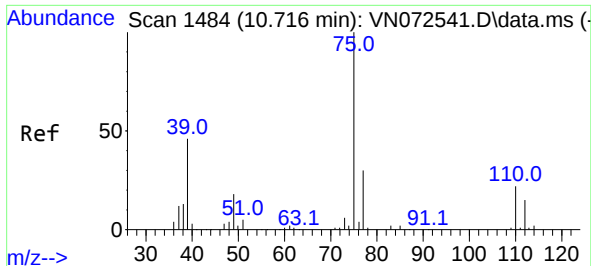


#52
Toluene
Concen: 48.517 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion: 92 Resp: 294202
Ion Ratio Lower Upper
92 100
91 166.1 138.6 207.8





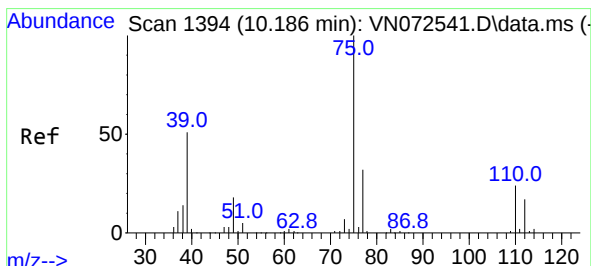
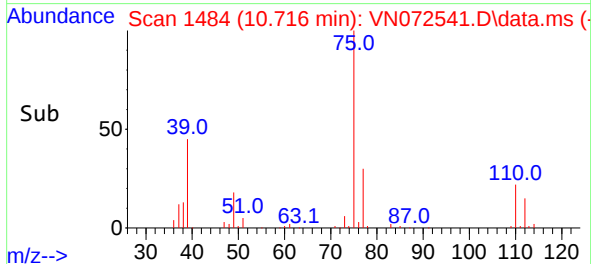
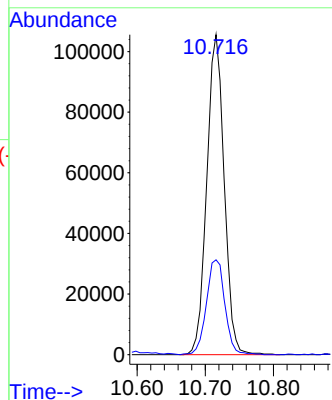
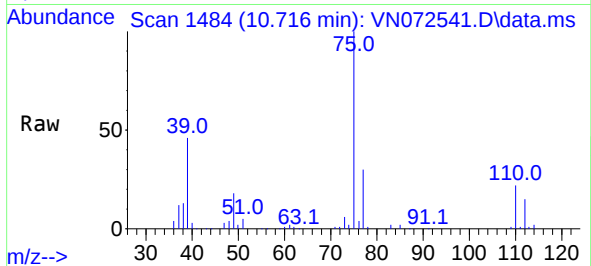
#53
t-1,3-Dichloropropene
Concen: 51.398 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 18750
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4

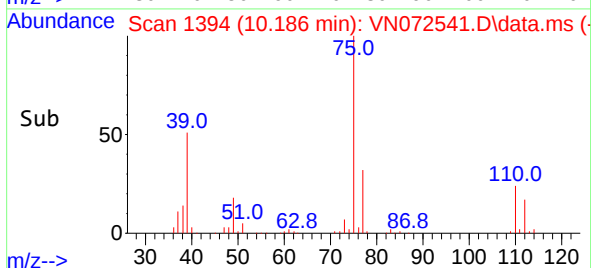
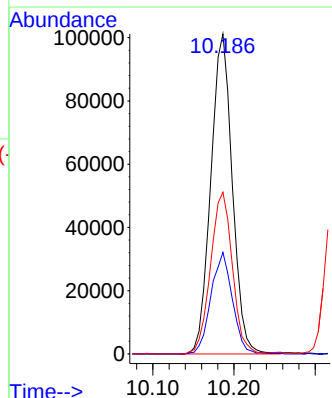
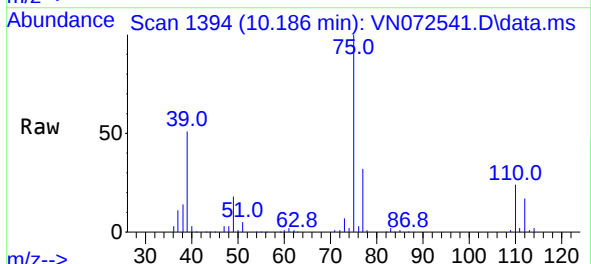
Manual Integrations
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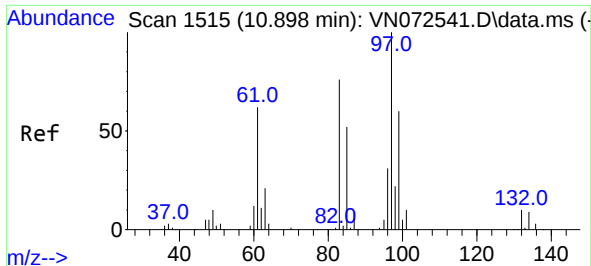
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#54
cis-1,3-Dichloropropene
Concen: 48.346 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

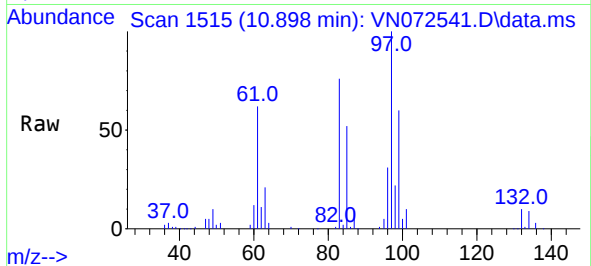
Tgt Ion: 75 Resp: 186023
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 50.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 48.773 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

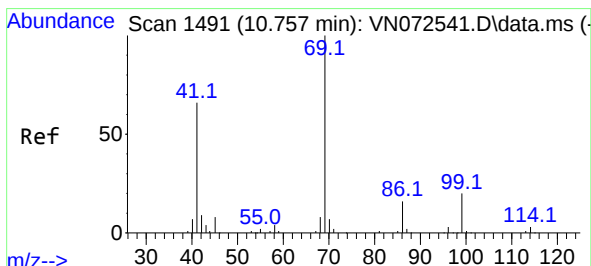
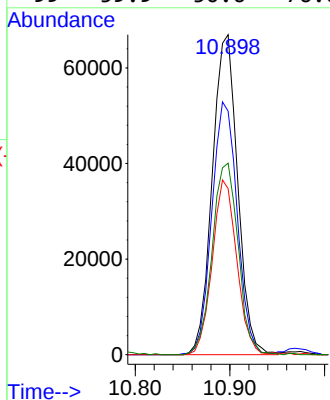
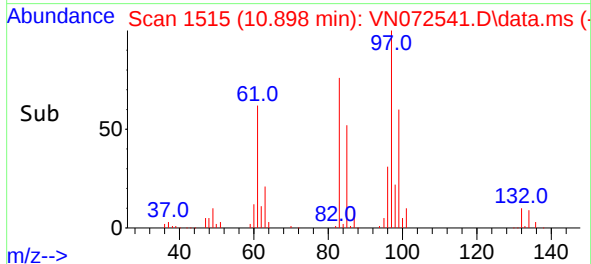


Tgt Ion: 97 Resp: 124609

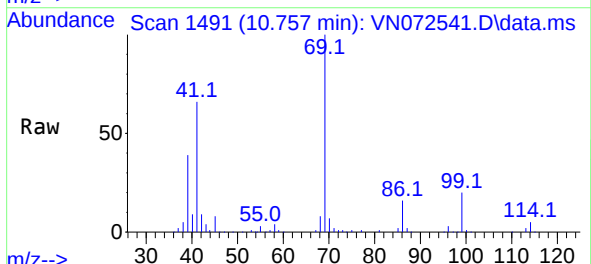
Ion	Ratio	Lower	Upper
97	100		
83	76.1	66.2	99.4
85	51.9	43.9	65.9
99	59.9	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

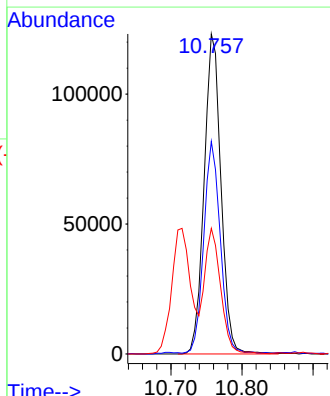
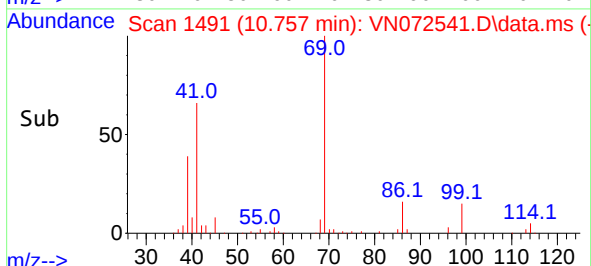


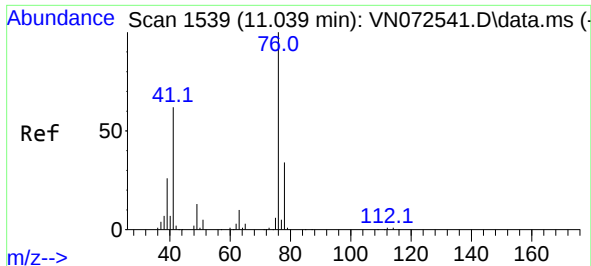
#56
Ethyl methacrylate
Concen: 55.578 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion: 69 Resp: 203617

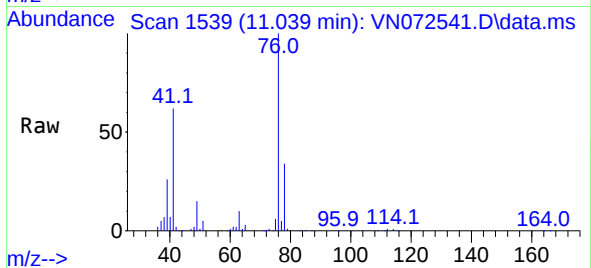
Ion	Ratio	Lower	Upper
69	100		
41	64.5	47.8	71.6
39	36.9	27.3	40.9





#57
1,3-Dichloropropane
Concen: 48.301 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

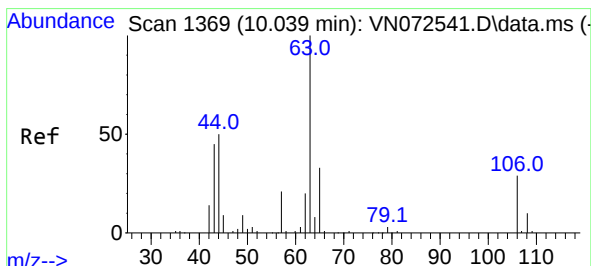
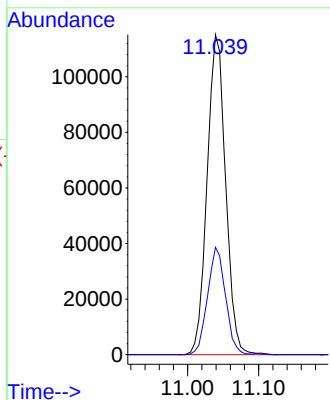
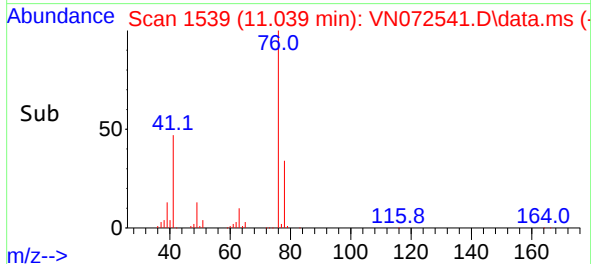
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



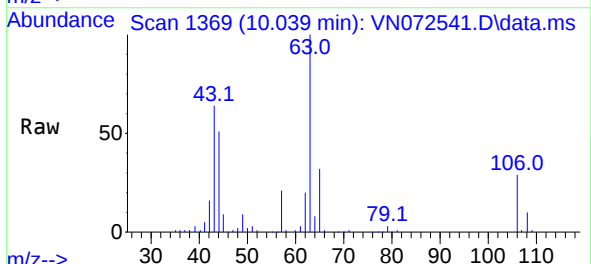
Tgt Ion: 76 Resp: 20848
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
APPROVED

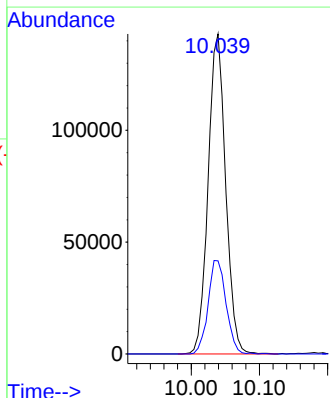
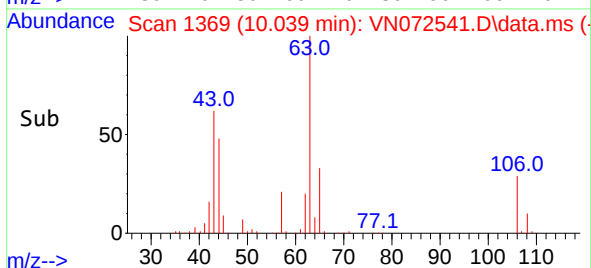
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

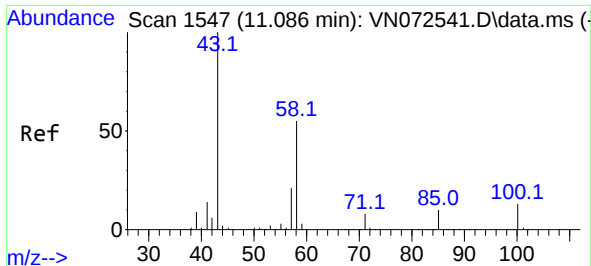


#58
2-Chloroethyl Vinyl ether
Concen: 336.510 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion: 63 Resp: 255851
Ion Ratio Lower Upper
63 100
106 30.0 24.6 36.8





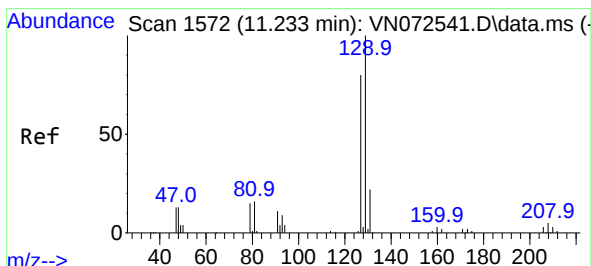
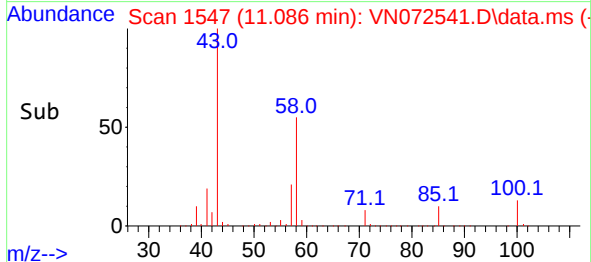
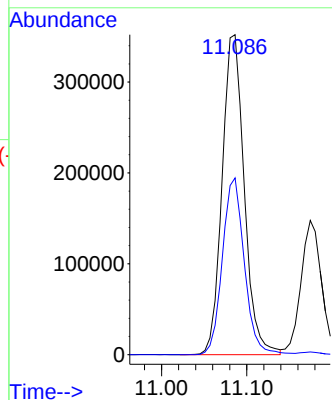
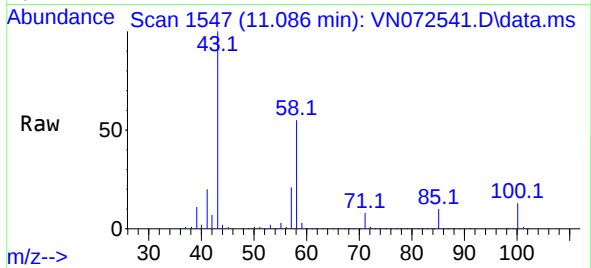
#59
2-Hexanone
Concen: 242.835 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 635650
Ion Ratio Lower Upper
43 100
58 54.8 29.7 89.1

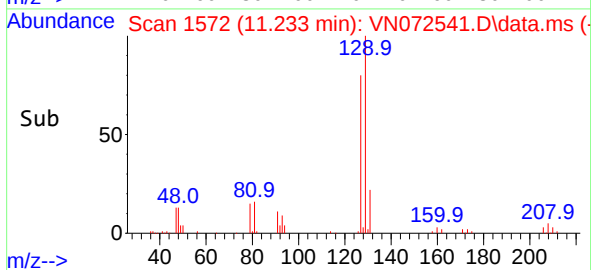
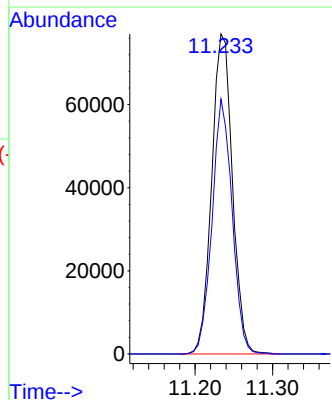
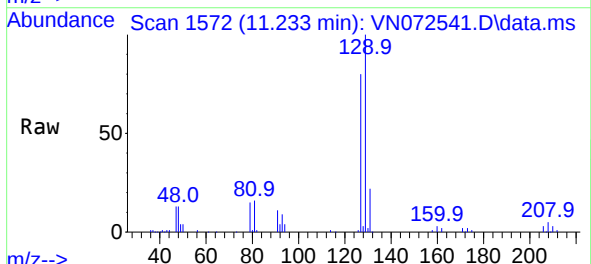
Manual Integrations
APPROVED

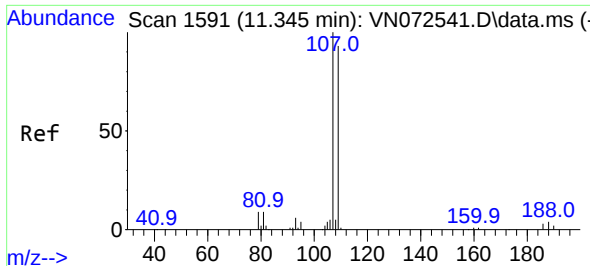
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#60
Dibromochloromethane
Concen: 52.465 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Tgt Ion:129 Resp: 143021
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





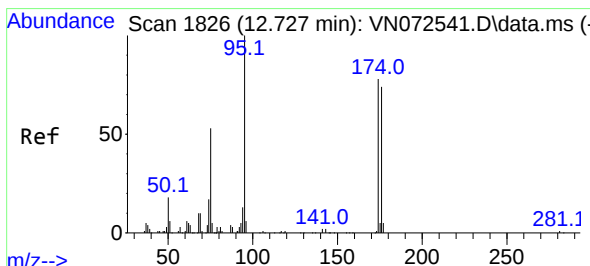
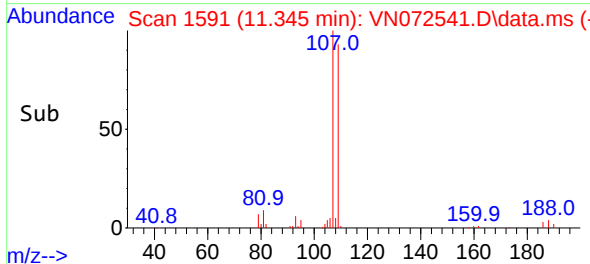
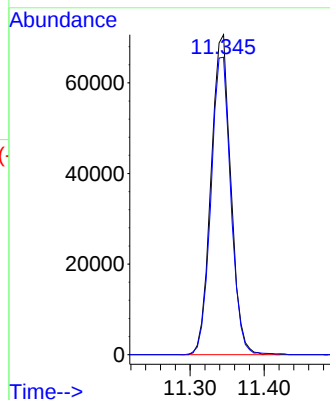
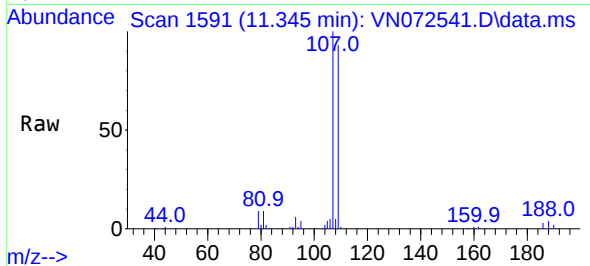
#61
1,2-Dibromoethane
Concen: 51.376 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 13101
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6

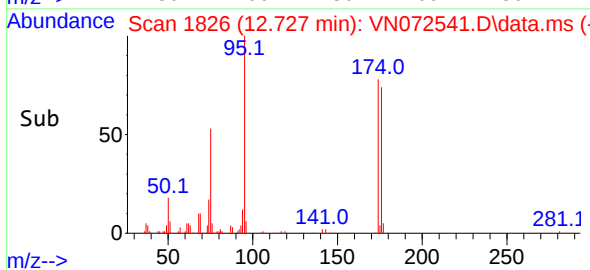
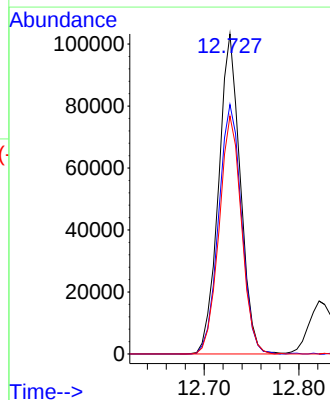
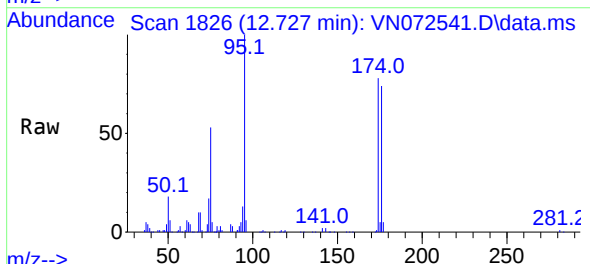
Manual Integrations
APPROVED

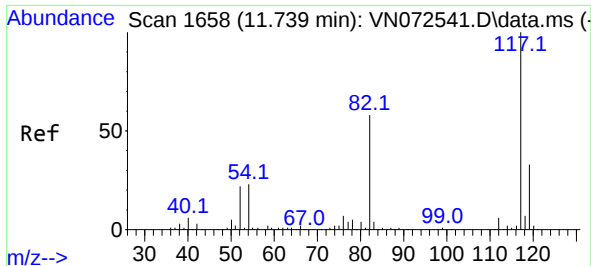
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#62
4-Bromofluorobenzene
Concen: 54.629 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Tgt Ion: 95 Resp: 164490
Ion Ratio Lower Upper
95 100
174 82.0 0.0 167.6
176 76.4 0.0 163.4





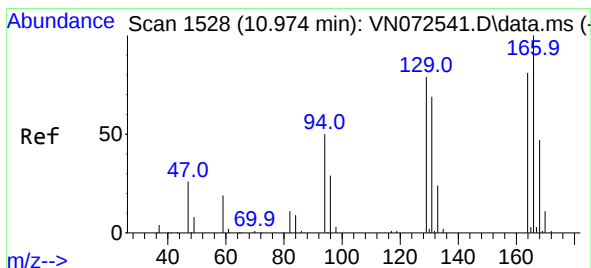
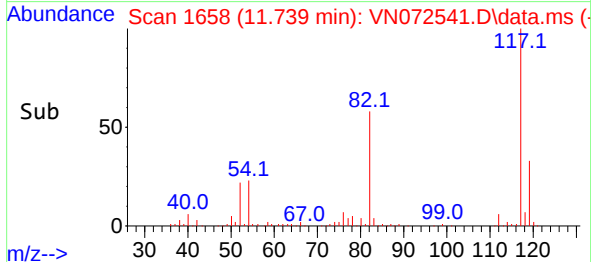
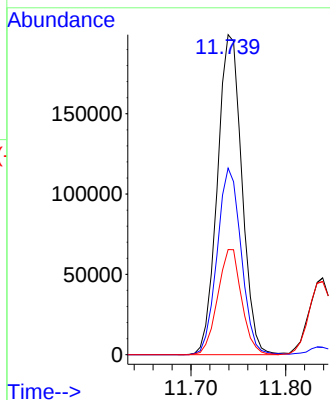
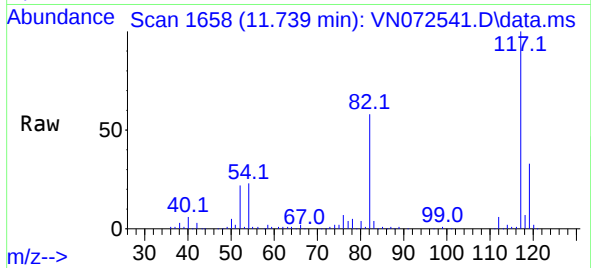
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 358034
Ion Ratio Lower Upper
117 100
82 58.3 44.2 66.2
119 32.9 25.4 38.0

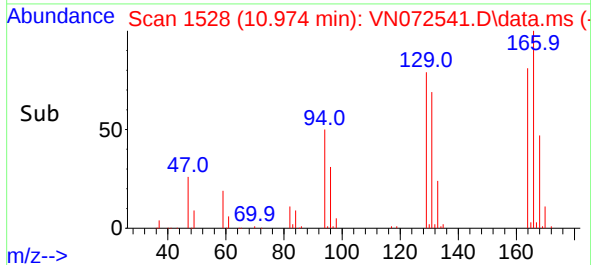
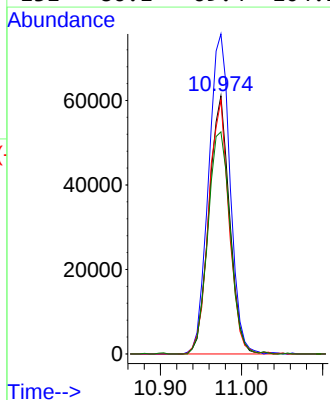
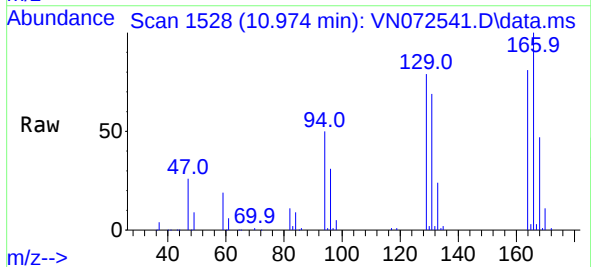
Manual Integrations
APPROVED

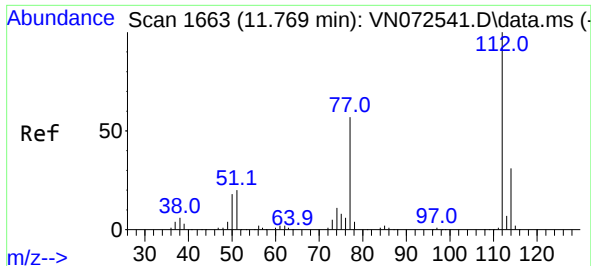
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#64
Tetrachloroethene
Concen: 42.496 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Tgt Ion:164 Resp: 108022
Ion Ratio Lower Upper
164 100
166 124.0 104.2 156.2
129 98.5 73.9 110.9
131 86.1 69.4 104.2





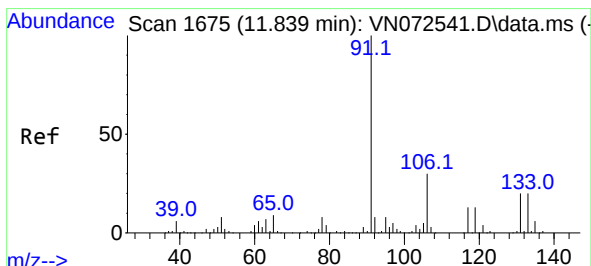
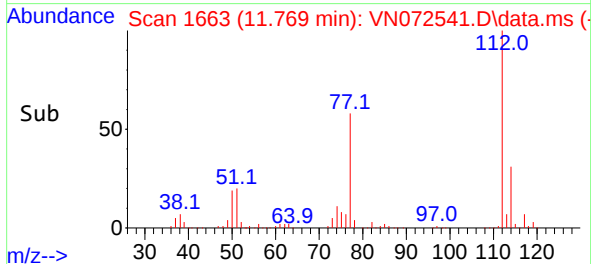
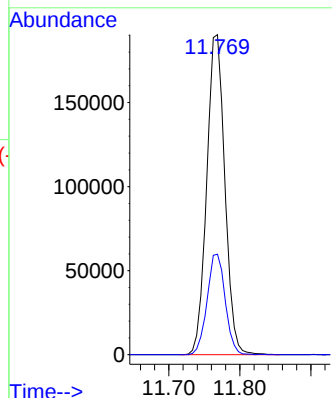
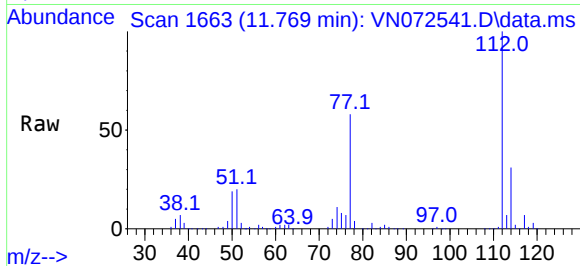
#65
Chlorobenzene
Concen: 46.488 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 337911
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

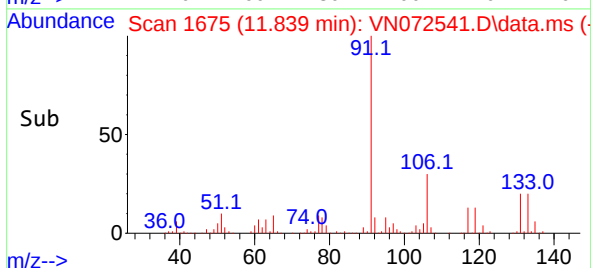
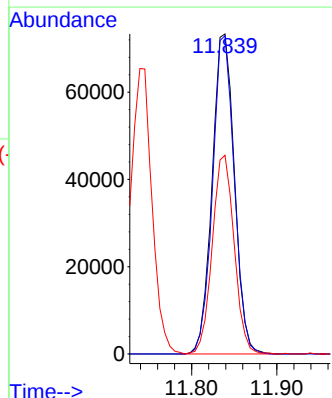
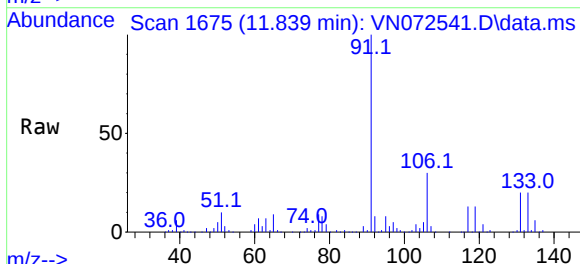
Manual Integrations
APPROVED

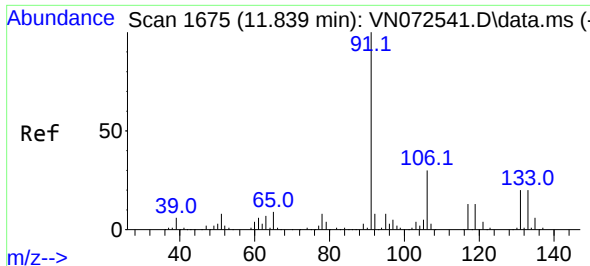
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 45.717 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Tgt Ion:131 Resp: 133167
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 61.0 33.4 100.2





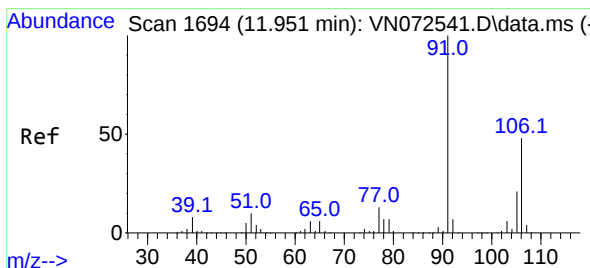
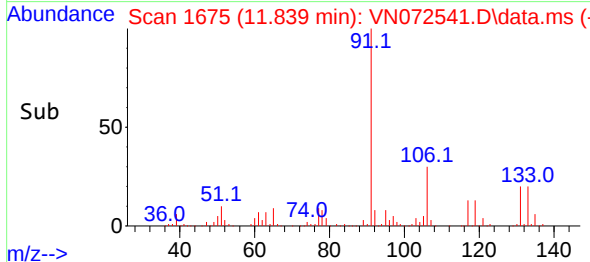
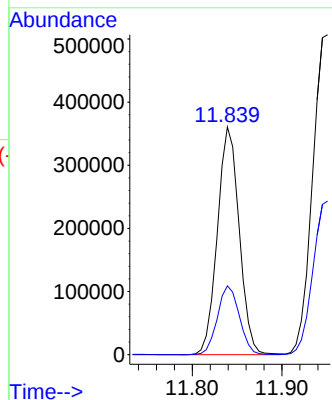
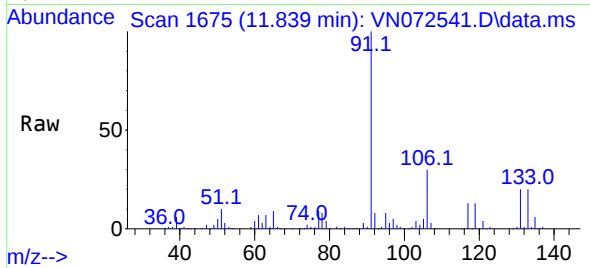
#67
Ethyl Benzene
Concen: 48.595 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 607900
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

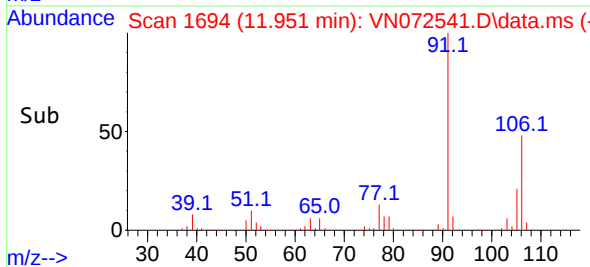
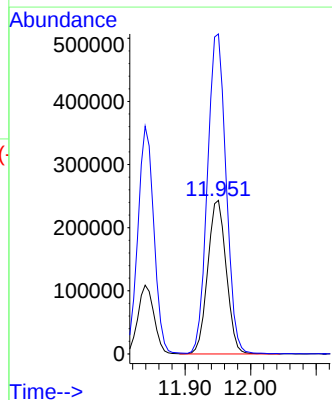
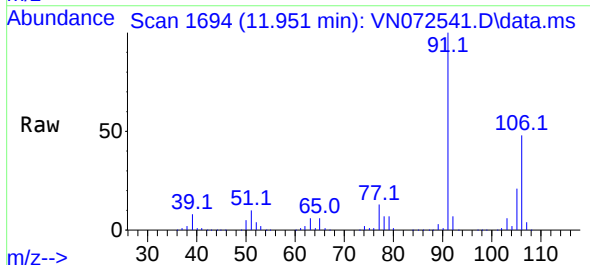
Manual Integrations
APPROVED

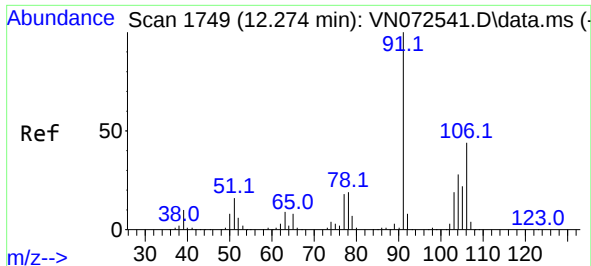
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#68
m/p-Xylenes
Concen: 100.396 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Tgt Ion:106 Resp: 477935
Ion Ratio Lower Upper
106 100
91 209.4 158.9 238.3





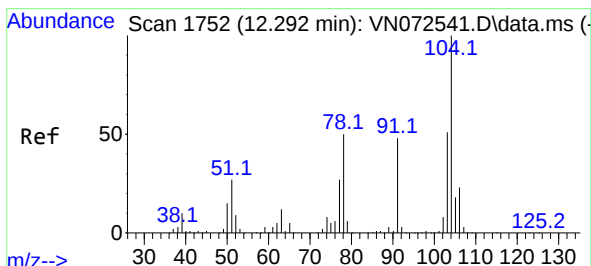
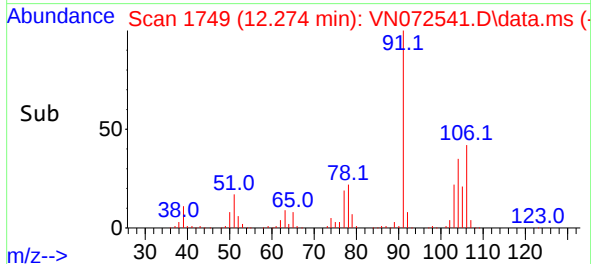
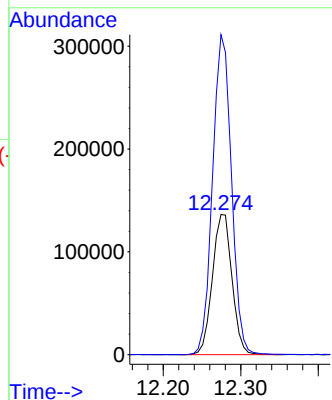
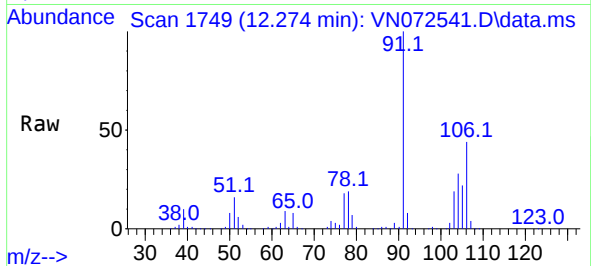
#69
o-Xylene
Concen: 51.106 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 23943
Ion Ratio Lower Upper
106 100
91 220.8 106.0 318.0

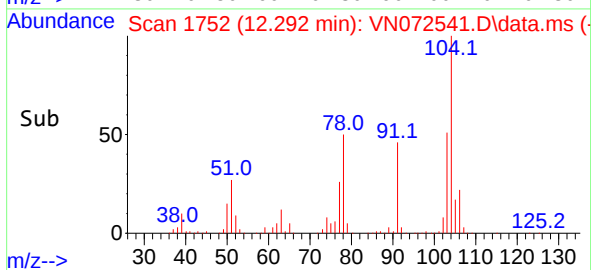
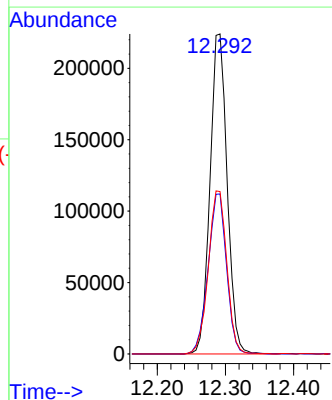
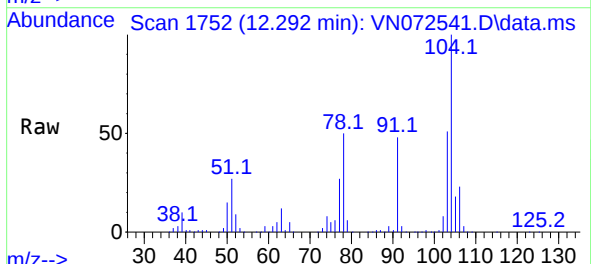
Manual Integrations
APPROVED

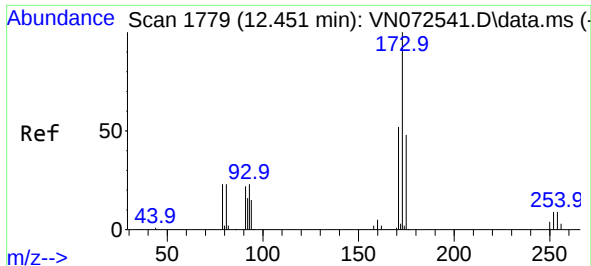
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#70
Styrene
Concen: 54.490 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

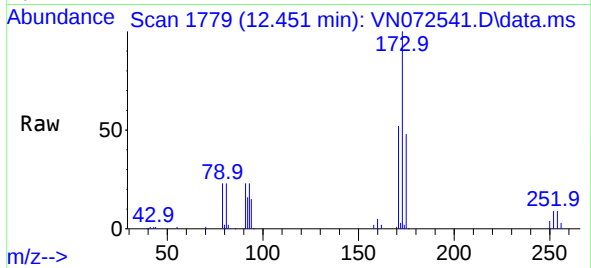
Tgt Ion:104 Resp: 392874
Ion Ratio Lower Upper
104 100
78 53.8 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 47.931 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

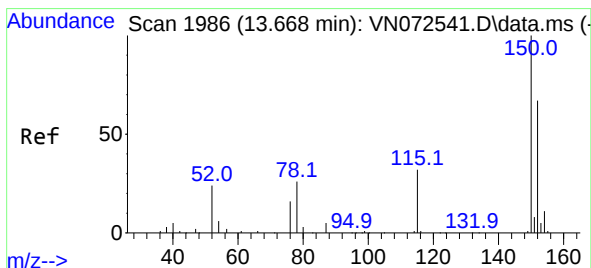
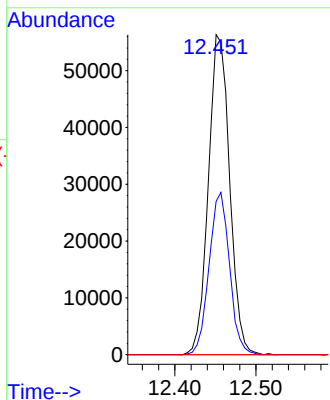
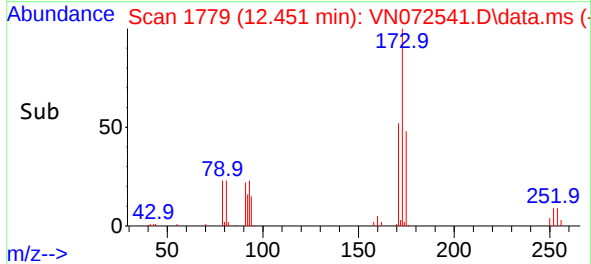
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



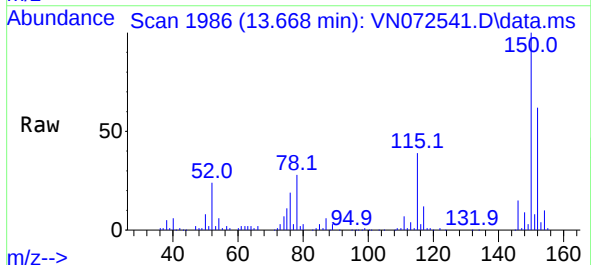
Tgt Ion:173 Resp: 102538
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

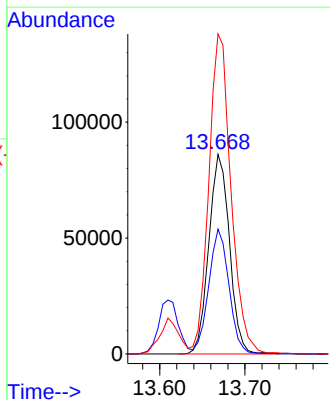
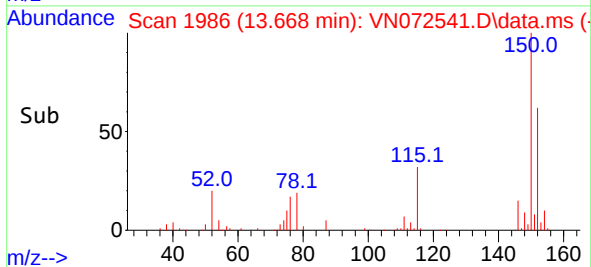
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

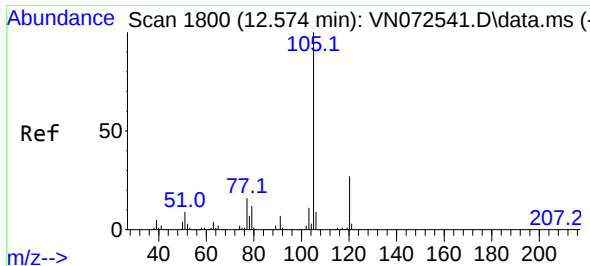


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion:152 Resp: 145183
Ion Ratio Lower Upper
152 100
115 61.2 28.9 86.7
150 171.9 0.0 356.2





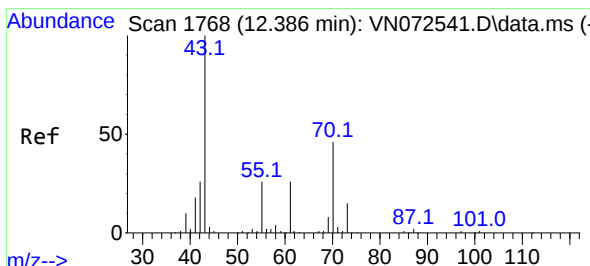
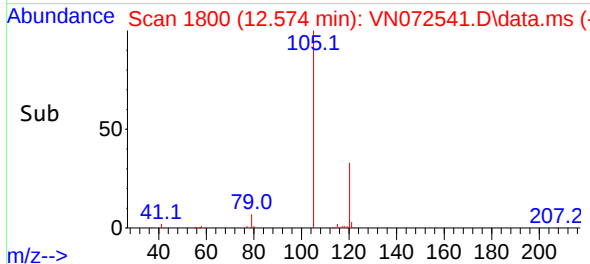
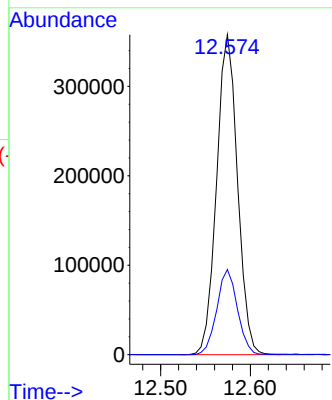
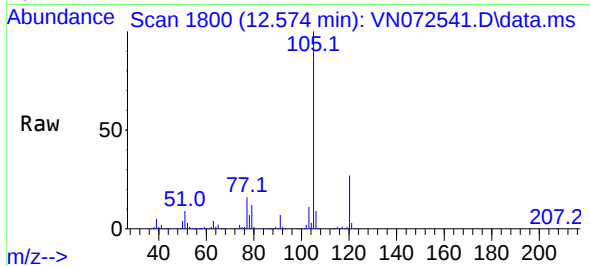
#73
Isopropylbenzene
Concen: 48.405 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 578940
Ion Ratio Lower Upper
105 100
120 26.2 13.5 40.4

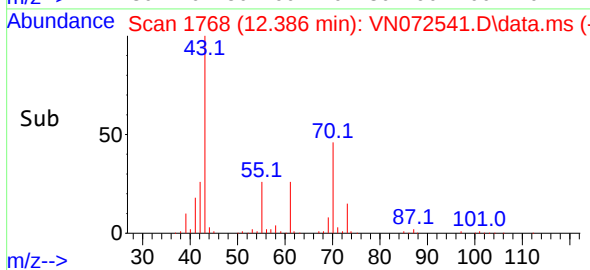
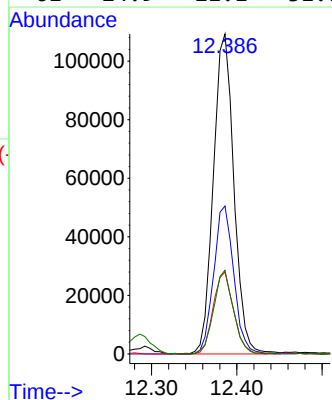
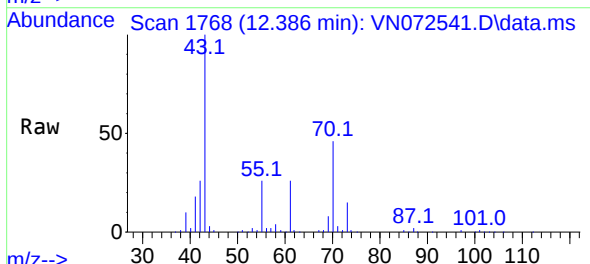
Manual Integrations
APPROVED

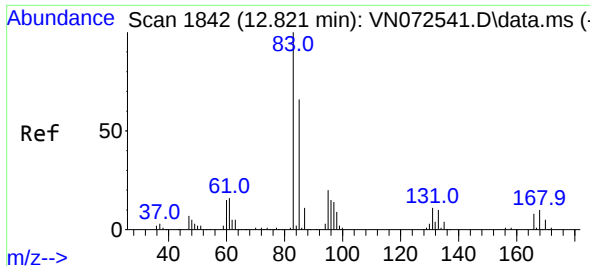
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#74
N-ethyl acetate
Concen: 44.064 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

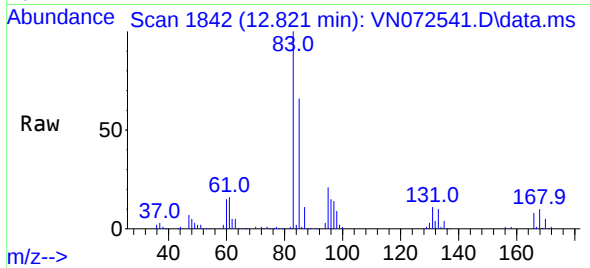
Tgt Ion: 43 Resp: 183201
Ion Ratio Lower Upper
43 100
70 45.4 39.0 58.4
55 25.3 21.1 31.7
61 24.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 35.284 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

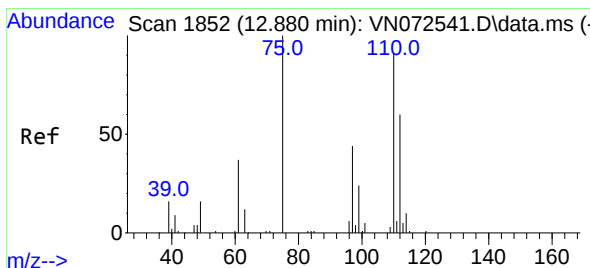
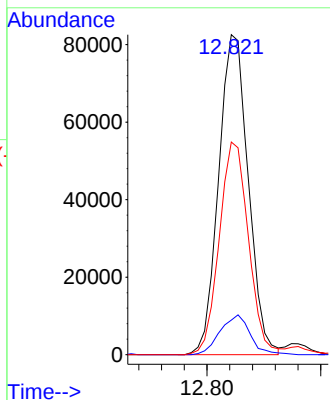
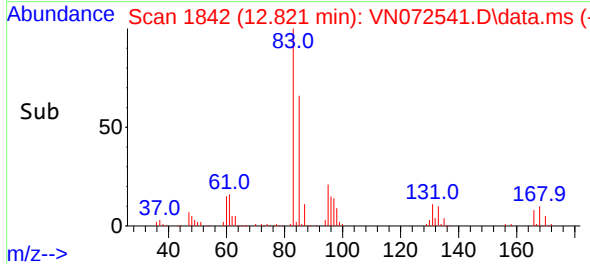
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 149370
Ion Ratio Lower Upper
83 100
131 12.6 5.3 15.9
85 65.9 32.3 96.9

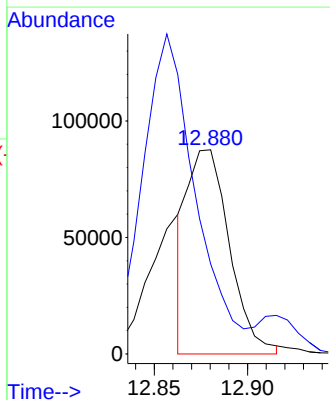
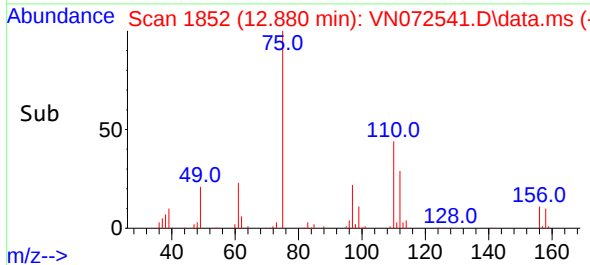
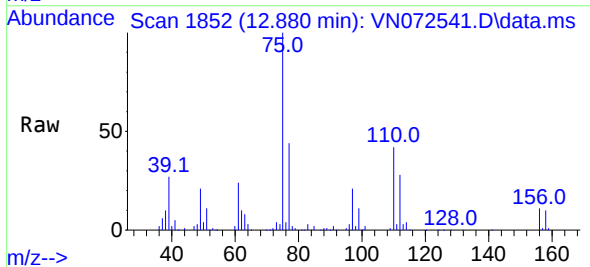
Manual Integrations
APPROVED

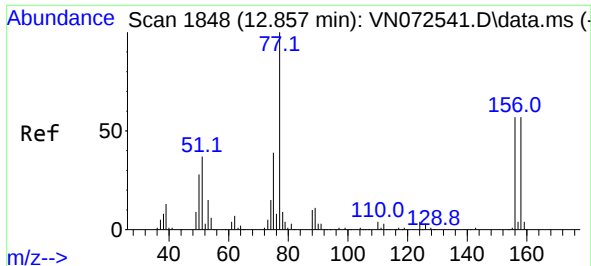
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#76
1,2,3-Trichloropropane
Concen: 36.638 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

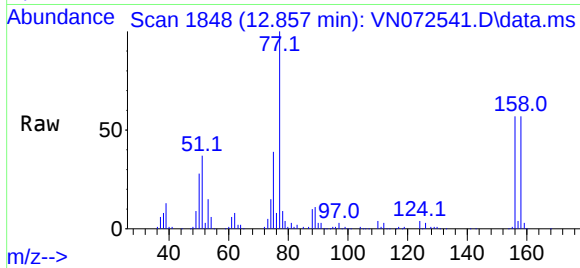
Tgt Ion: 75 Resp: 137049
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 46.491 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

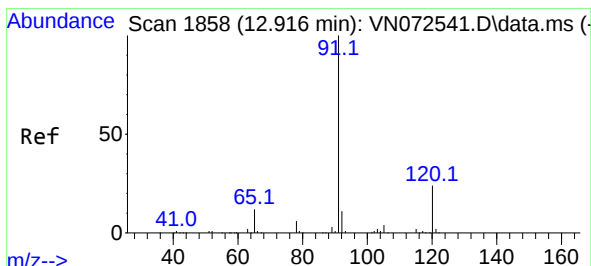
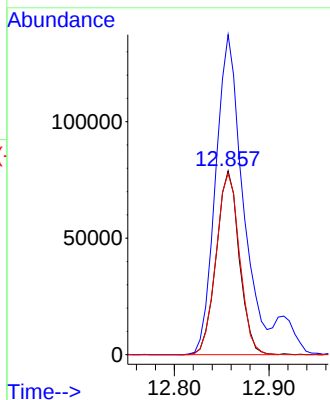
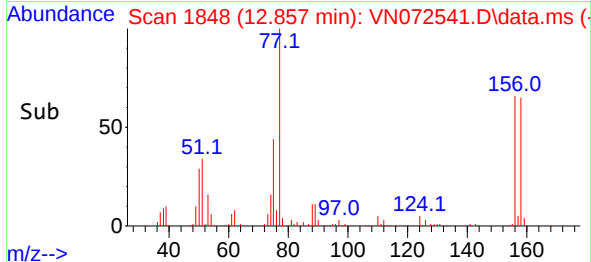
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



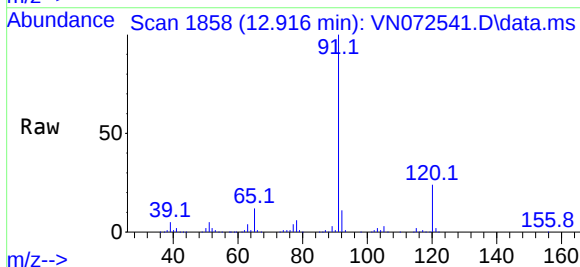
Tgt Ion:156 Resp: 13305
Ion Ratio Lower Upper
156 100
77 204.3 100.5 301.5
158 101.0 48.9 146.6

Manual Integrations
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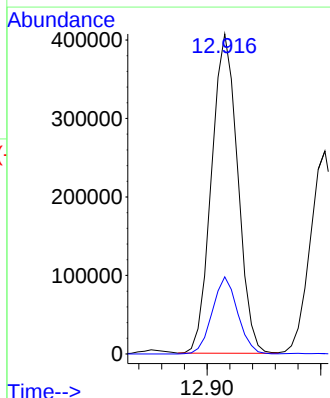
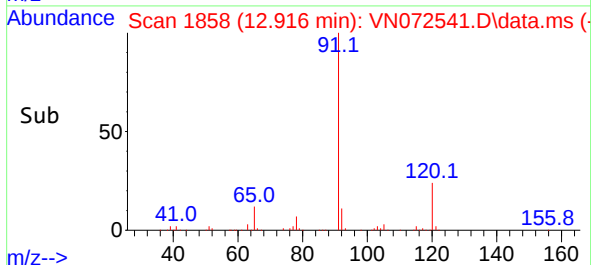
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

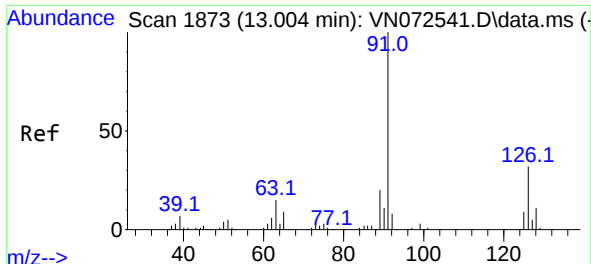


#78
n-propylbenzene
Concen: 50.811 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



Tgt Ion: 91 Resp: 651943
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 50.062 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN072541.D

Acq: 18 May 2022 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 42530

Ion Ratio Lower Upper

91 100

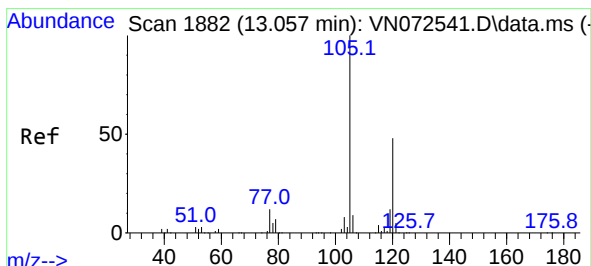
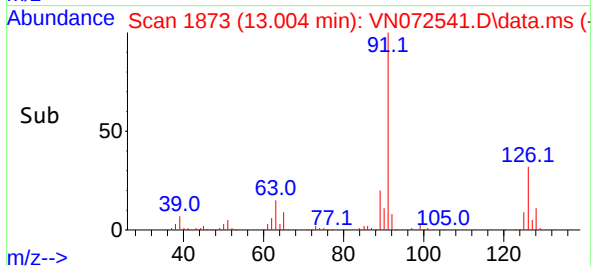
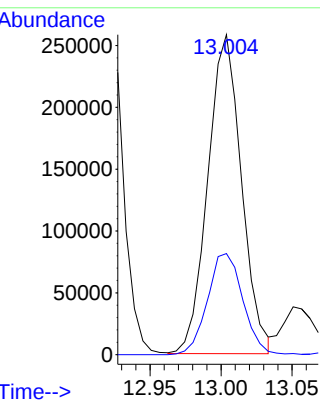
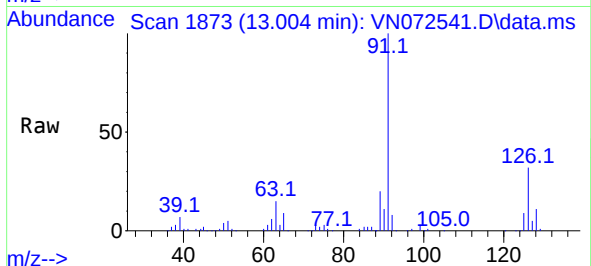
126 33.4 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#80

1,3,5-Trimethylbenzene

Concen: 52.850 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.000 min

Lab File: VN072541.D

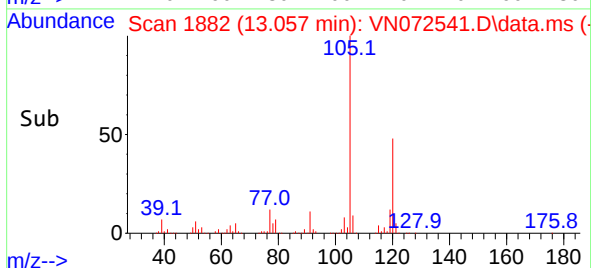
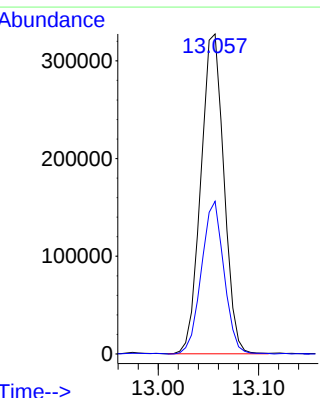
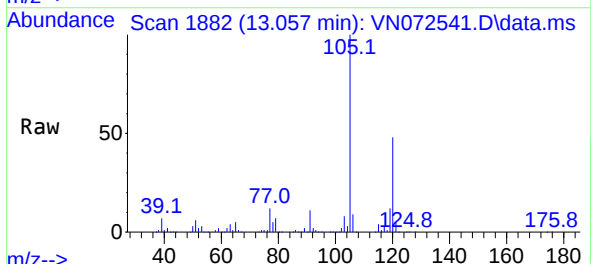
Acq: 18 May 2022 14:42

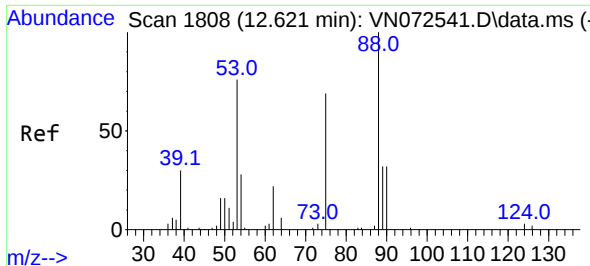
Tgt Ion:105 Resp: 522856

Ion Ratio Lower Upper

105 100

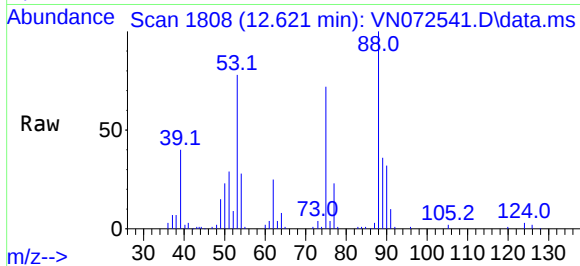
120 46.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.669 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

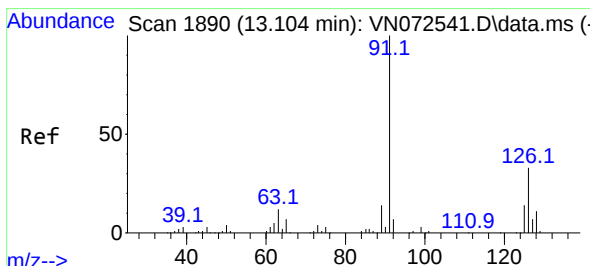
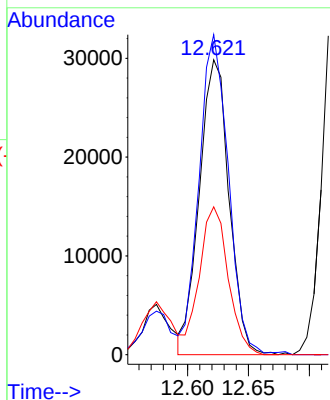
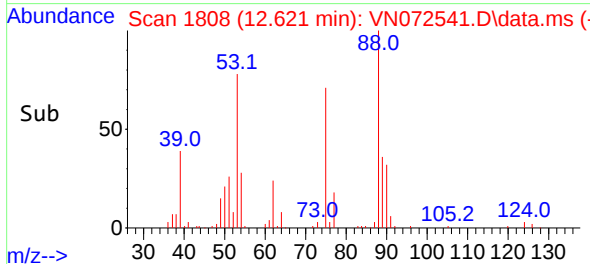
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



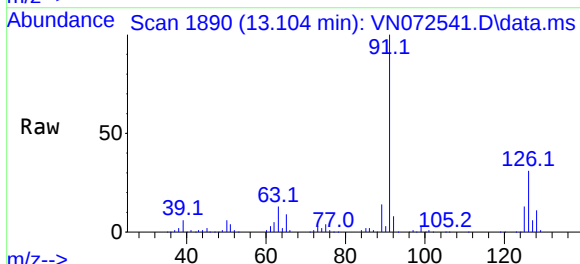
Tgt Ion: 75 Resp: 5064
Ion Ratio Lower Upper
75 100
53 107.2 78.0 117.0
89 47.8 37.2 55.8

Manual Integrations
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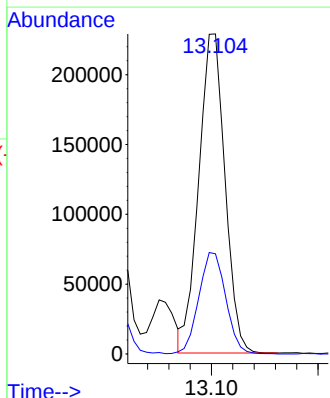
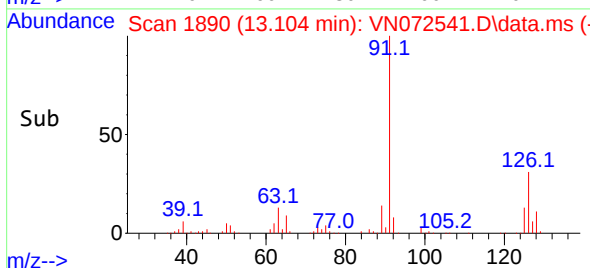
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

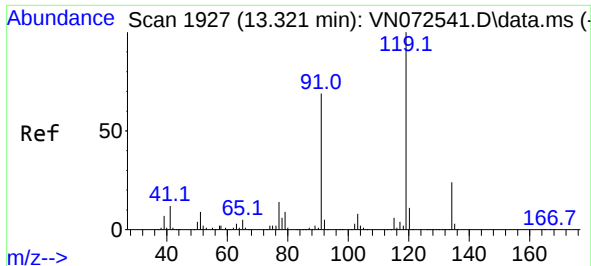


#82
4-Chlorotoluene
Concen: 48.874 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



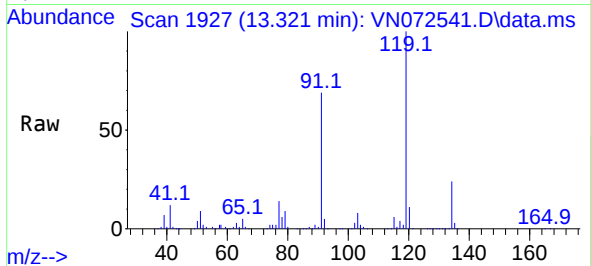
Tgt Ion: 91 Resp: 391486
Ion Ratio Lower Upper
91 100
126 32.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.590 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

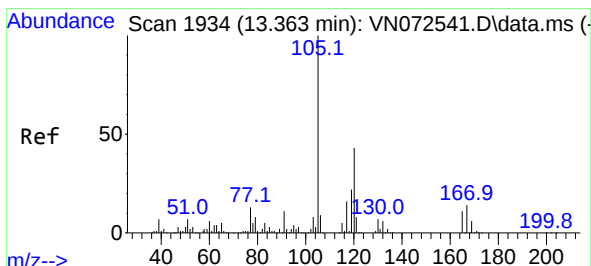
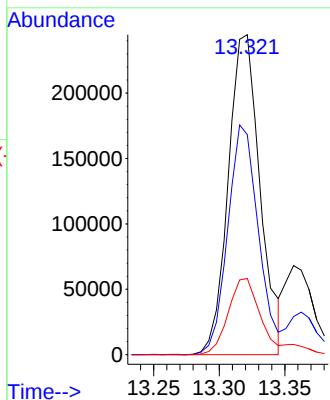
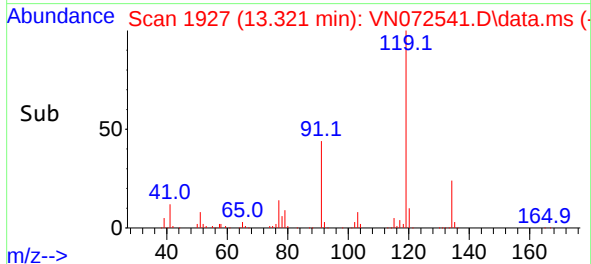
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 414314
Ion Ratio Lower Upper
119 100
91 68.9 31.6 94.8
134 26.1 13.7 41.1

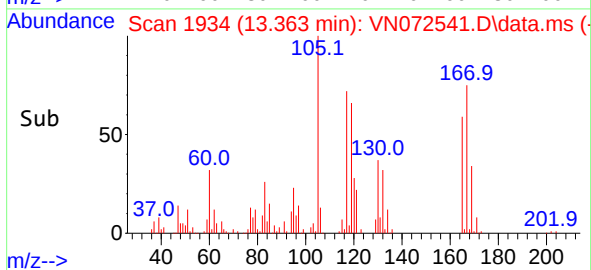
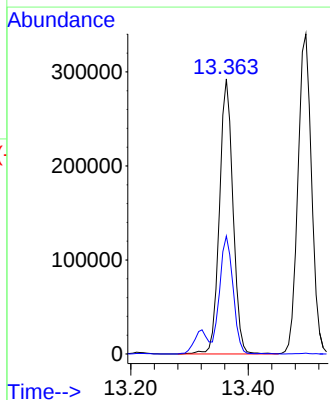
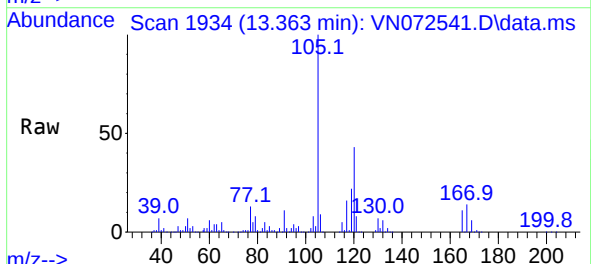
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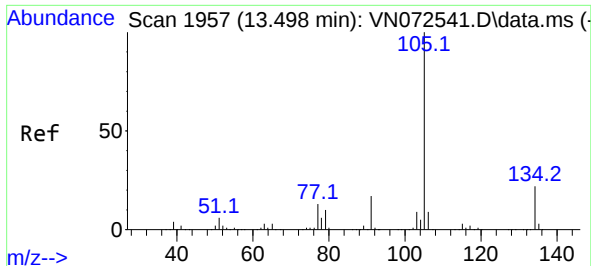
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#84
1,2,4-Trimethylbenzene
Concen: 49.202 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

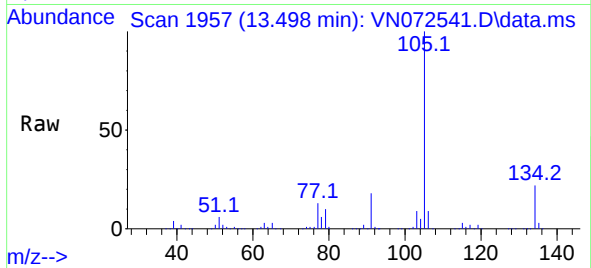
Tgt Ion:105 Resp: 467563
Ion Ratio Lower Upper
105 100
120 42.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 48.370 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072541.D
 Acq: 18 May 2022 14:42

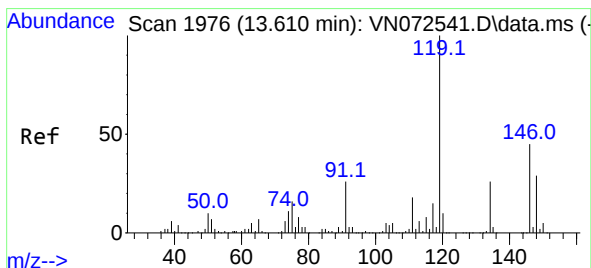
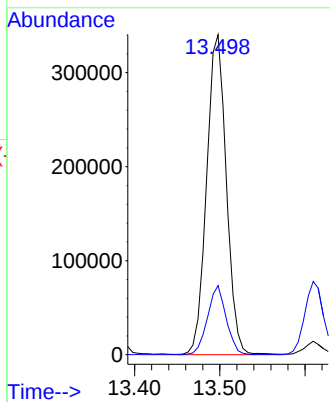
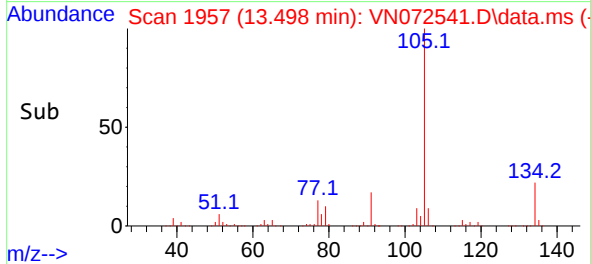
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



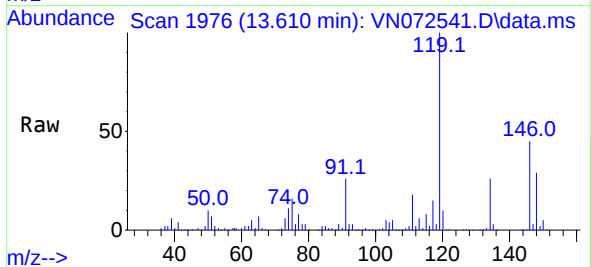
Tgt Ion:105 Resp: 548129
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

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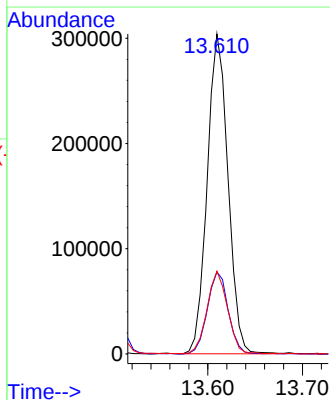
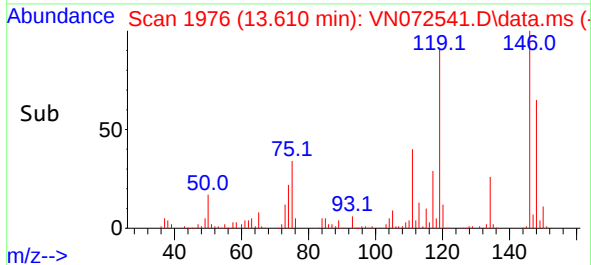
Reviewed By :John Carlone 05/19/2022
 Supervised By :Mahesh Dadoda 05/19/2022

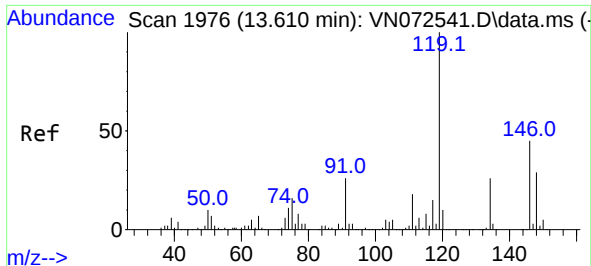


#86
 p-Isopropyltoluene
 Concen: 52.120 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072541.D
 Acq: 18 May 2022 14:42



Tgt Ion:119 Resp: 462717
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 25.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 45.983 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072541.D

Acq: 18 May 2022 14:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 225949

Ion Ratio Lower Upper

146 100

111 41.2 20.0 60.0

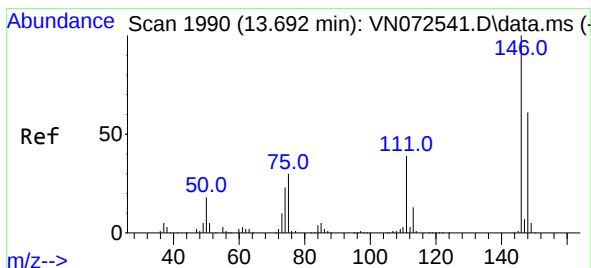
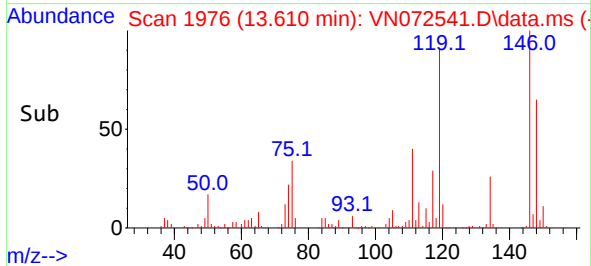
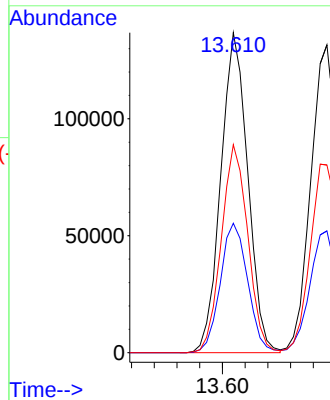
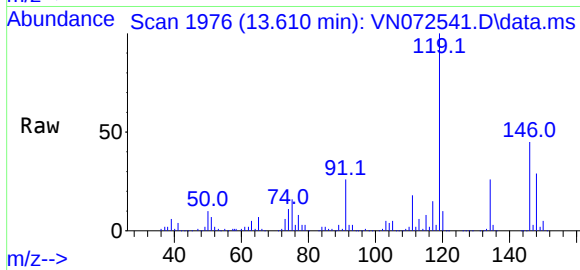
148 63.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2022

Supervised By :Mahesh Dadoda 05/19/2022



#88

1,4-Dichlorobenzene

Concen: 45.658 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN072541.D

Acq: 18 May 2022 14:42

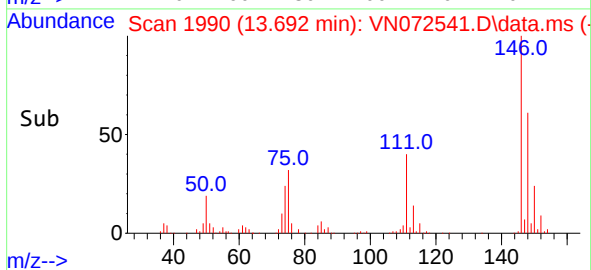
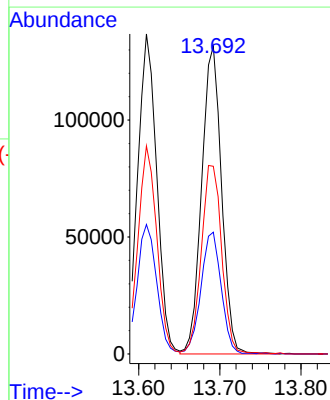
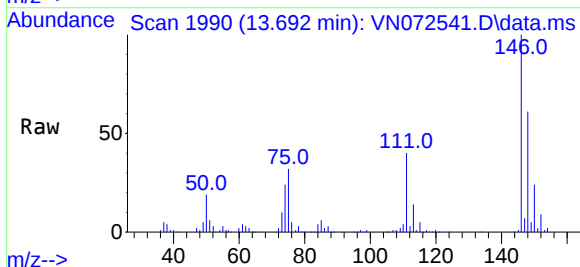
Tgt Ion:146 Resp: 224104

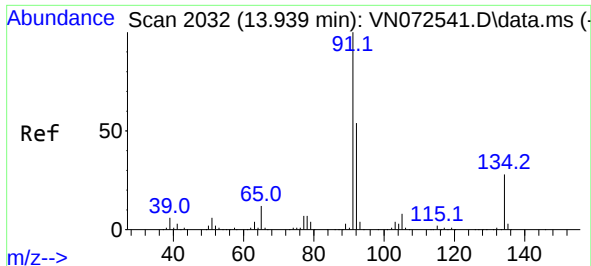
Ion Ratio Lower Upper

146 100

111 40.0 19.1 57.1

148 63.2 31.4 94.3





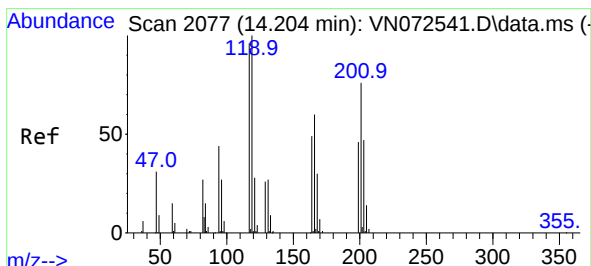
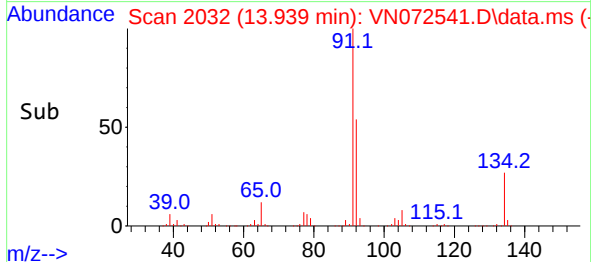
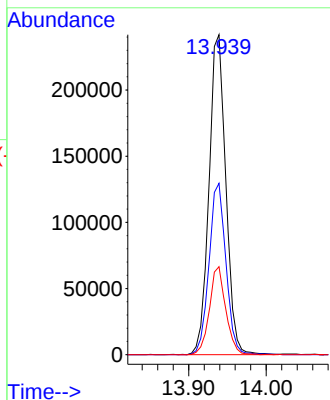
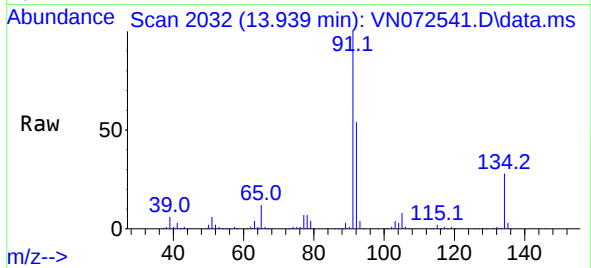
#89
n-Butylbenzene
Concen: 53.437 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 364849
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 26.7 13.6 40.8

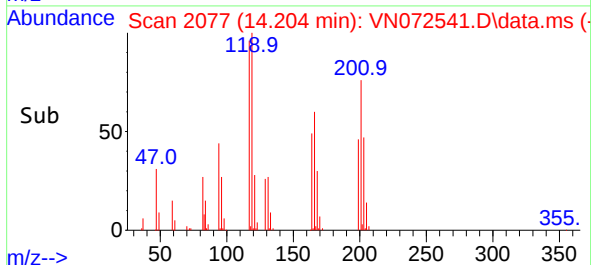
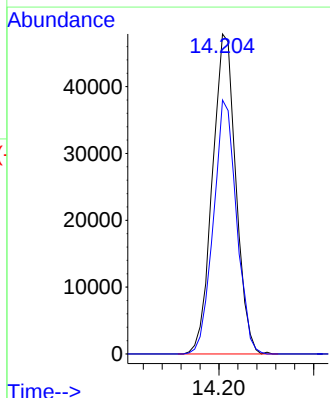
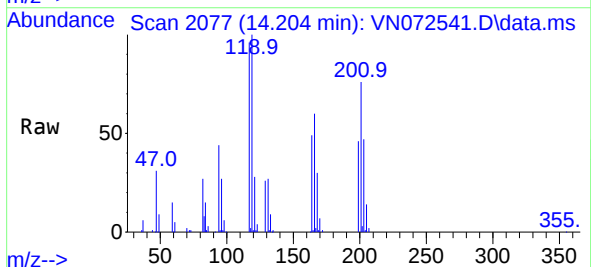
Manual Integrations
APPROVED

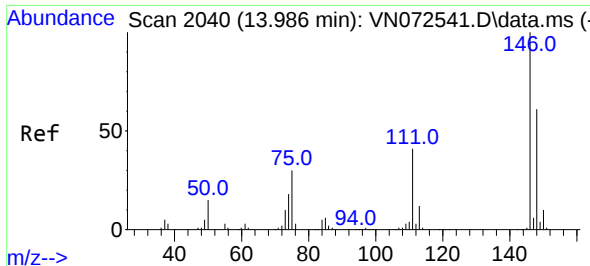
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#90
Hexachloroethane
Concen: 46.423 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

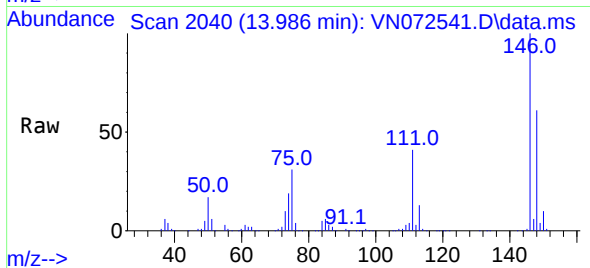
Tgt Ion:117 Resp: 82283
Ion Ratio Lower Upper
117 100
201 78.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 47.264 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

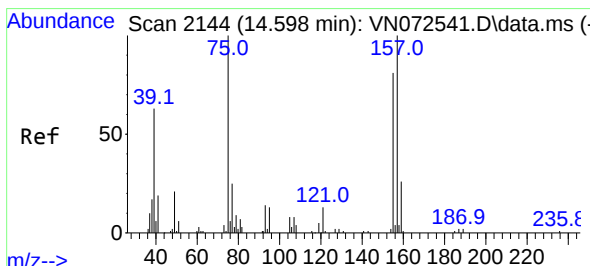
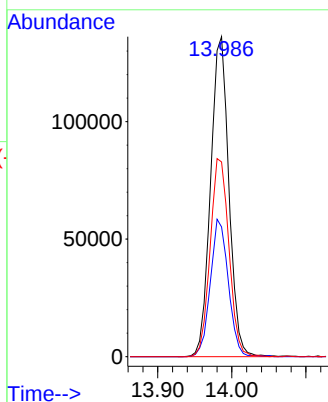
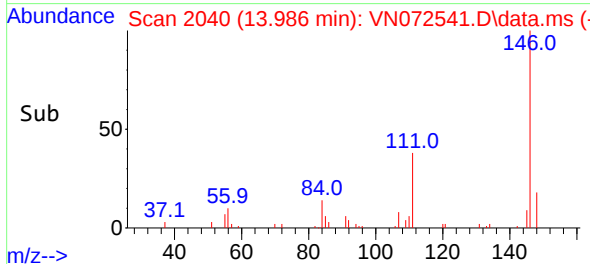
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



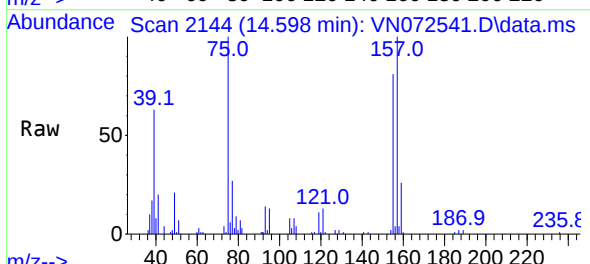
Tgt Ion:146 Resp: 233120
Ion Ratio Lower Upper
146 100
111 42.4 20.9 62.8
148 63.7 32.1 96.3

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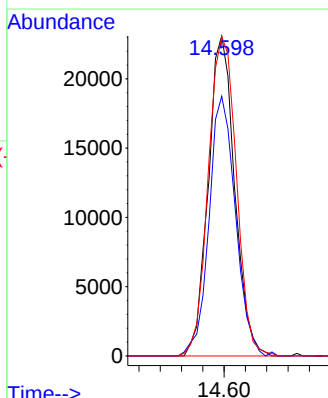
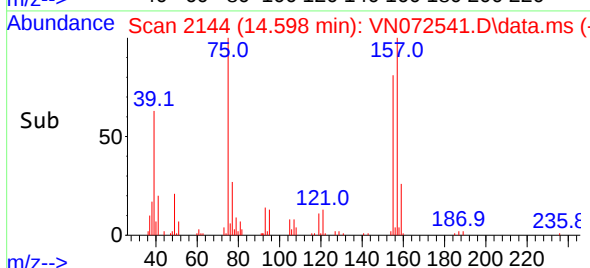
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

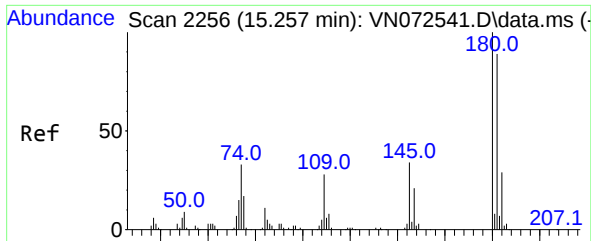


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.244 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



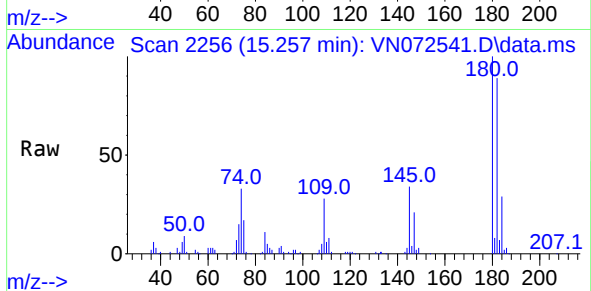
Tgt Ion: 75 Resp: 39774
Ion Ratio Lower Upper
75 100
155 81.3 44.9 134.5
157 105.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 62.524 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

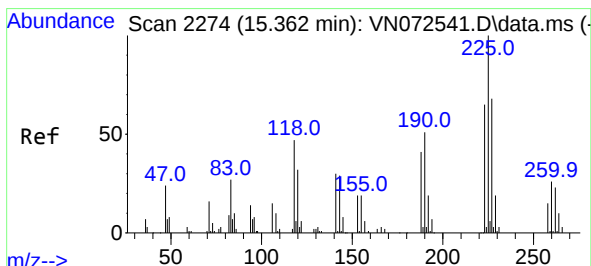
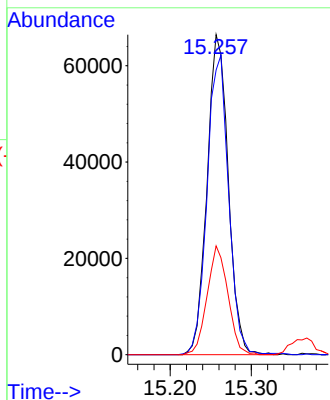
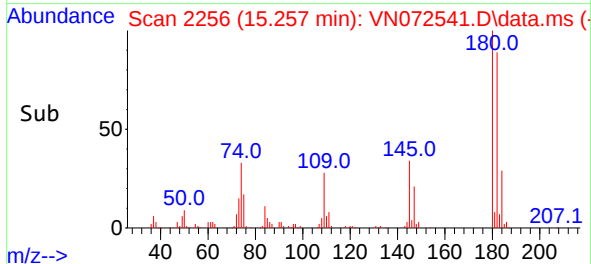
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



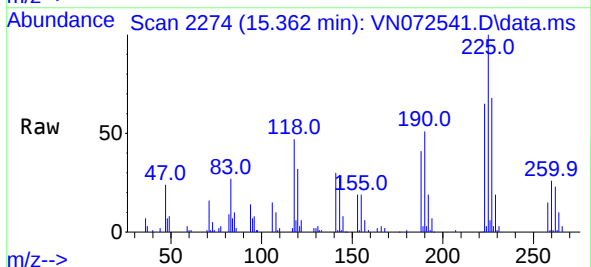
Tgt Ion:180 Resp: 120502
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 33.3 14.5 43.5

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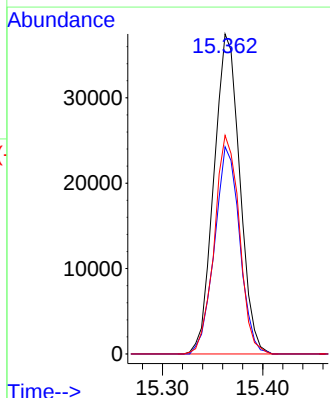
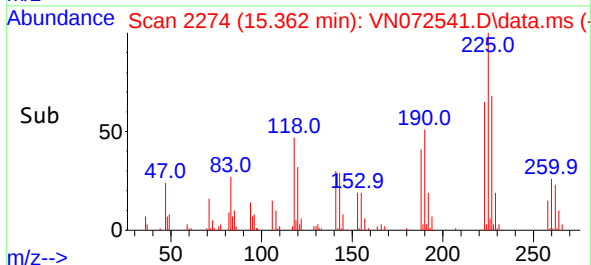
Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022

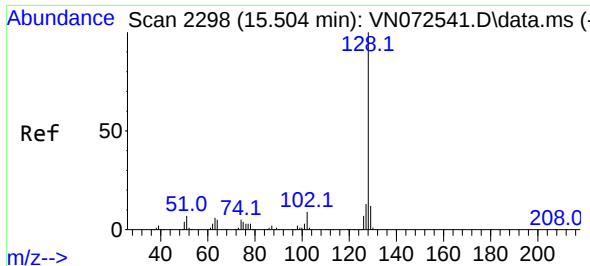


#94
Hexachlorobutadiene
Concen: 52.837 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42



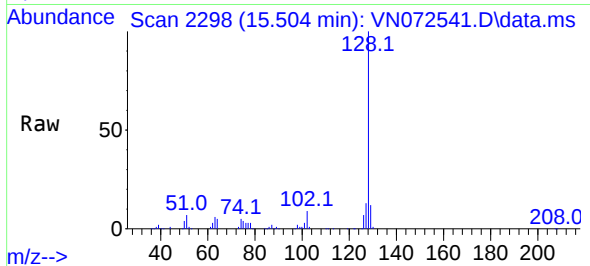
Tgt Ion:225 Resp: 66984
Ion Ratio Lower Upper
225 100
223 63.0 32.4 97.2
227 66.2 31.8 95.4





#95
Naphthalene
Concen: 65.483 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

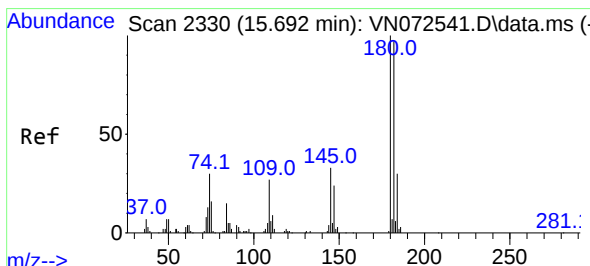
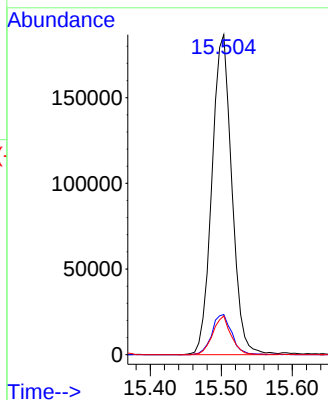
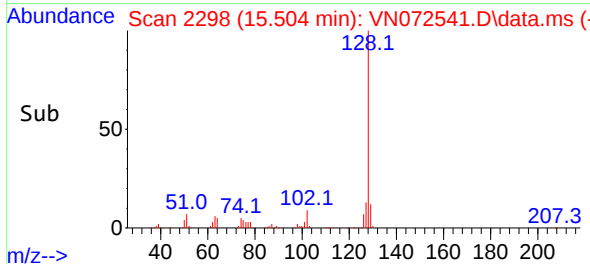
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 363298
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/19/2022
Supervised By :Mahesh Dadoda 05/19/2022



#96
1,2,3-Trichlorobenzene
Concen: 63.092 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN072541.D
Acq: 18 May 2022 14:42

Tgt Ion:180 Resp: 121896
Ion Ratio Lower Upper
180 100
182 98.4 47.8 143.3
145 34.3 15.5 46.5

