

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072946.D
 Acq On : 20 Jun 2022 08:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 21 05:52:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	346165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	577302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.674	117	510615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	240928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	232208	49.616	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.240%		
35) Dibromofluoromethane	7.945	113	185228	51.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.820%		
50) Toluene-d8	10.375	98	684309	51.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.080%		
62) 4-Bromofluorobenzene	12.663	95	257681	53.971	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	164546	49.924	ug/l	96
3) Chloromethane	2.269	50	155122	43.854	ug/l	96
4) Vinyl Chloride	2.410	62	140055	47.384	ug/l	96
5) Bromomethane	2.799	94	65030	55.889	ug/l	98
6) Chloroethane	2.963	64	82650	44.695	ug/l	100
7) Trichlorofluoromethane	3.322	101	275010	57.134	ug/l	97
8) Diethyl Ether	3.763	74	114888	46.248	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.146	101	163972	49.282	ug/l	99
10) Methyl Iodide	4.351	142	190804	50.031	ug/l	97
11) Tert butyl alcohol	5.281	59	224781	185.935	ug/l	100
12) 1,1-Dichloroethene	4.116	96	153953	46.452	ug/l	96
13) Acrolein	3.981	56	83571	175.523	ug/l	98
14) Allyl chloride	4.763	41	317486	44.837	ug/l	96
15) Acrylonitrile	5.469	53	592567	212.632	ug/l	99
16) Acetone	4.216	43	520771	202.430	ug/l	98
17) Carbon Disulfide	4.457	76	348106	40.994	ug/l	100
18) Methyl Acetate	4.775	43	279846	40.849	ug/l	92
19) Methyl tert-butyl Ether	5.528	73	608519	48.888	ug/l	100
20) Methylene Chloride	5.016	84	183932	46.075	ug/l	93
21) trans-1,2-Dichloroethene	5.516	96	161411	44.773	ug/l	97
22) Diisopropyl ether	6.410	45	634376	48.057	ug/l	96
23) Vinyl Acetate	6.345	43	2934748	240.839	ug/l	95
24) 1,1-Dichloroethane	6.304	63	325858	47.085	ug/l	99
25) 2-Butanone	7.257	43	841915	206.234	ug/l	90
26) 2,2-Dichloropropane	7.245	77	305666	53.245	ug/l	99
27) cis-1,2-Dichloroethene	7.239	96	203468	47.240	ug/l	97
28) Bromochloromethane	7.581	49	142210	49.686	ug/l	89
29) Tetrahydrofuran	7.604	42	564340	209.341	ug/l	89
30) Chloroform	7.739	83	340712	48.631	ug/l	99
31) Cyclohexane	8.016	56	278280	43.957	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	302281	49.166	ug/l	99
36) 1,1-Dichloropropene	8.145	75	238504	49.397	ug/l	100
37) Ethyl Acetate	7.334	43	344089	44.555	ug/l	97
38) Carbon Tetrachloride	8.134	117	257859	50.773	ug/l	99
39) Methylcyclohexane	9.386	83	294563	50.615	ug/l	97
40) Benzene	8.386	78	729024	48.044	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	167292	45.680	ug/l	89
42) 1,2-Dichloroethane	8.457	62	270012	50.099	ug/l	98
43) Isopropyl Acetate	8.486	43	538507	48.780	ug/l	95
44) Trichloroethene	9.145	130	189903	49.385	ug/l	95
45) 1,2-Dichloropropane	9.422	63	191270	49.313	ug/l	99
46) Dibromomethane	9.510	93	128943	49.166	ug/l	96
47) Bromodichloromethane	9.692	83	269489	51.704	ug/l	100
48) Methyl methacrylate	9.492	41	234497	46.525	ug/l	92
49) 1,4-Dioxane	9.498	88	84919	748.794	ug/l #	93
51) 4-Methyl-2-Pentanone	10.263	43	1657527	230.248	ug/l	92
52) Toluene	10.439	92	468436	50.283	ug/l	97
53) t-1,3-Dichloropropene	10.651	75	307427	54.845	ug/l	99
54) cis-1,3-Dichloropropene	10.122	75	322368	52.651	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	194188	47.473	ug/l	99
56) Ethyl methacrylate	10.692	69	329691	50.286	ug/l	88
57) 1,3-Dichloropropane	10.980	76	330370	48.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	734483	253.743	ug/l	97
59) 2-Hexanone	11.022	43	1256843	225.729	ug/l	90
60) Dibromochloromethane	11.169	129	208923	54.043	ug/l	100
61) 1,2-Dibromoethane	11.280	107	204798	50.786	ug/l	100
64) Tetrachloroethene	10.910	164	153041	49.268	ug/l	97
65) Chlorobenzene	11.704	112	496846	49.824	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	196174	51.686	ug/l	98
67) Ethyl Benzene	11.780	91	910455	51.865	ug/l	99
68) m/p-Xylenes	11.886	106	693499	100.724	ug/l	96
69) o-Xylene	12.210	106	344566	50.083	ug/l	96
70) Styrene	12.227	104	576209	52.153	ug/l	99
71) Bromoform	12.392	173	157989	55.206	ug/l #	98
73) Isopropylbenzene	12.510	105	921387	49.434	ug/l	99
74) N-amyl acetate	12.321	43	449056	46.427	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.763	83	302284	45.033	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	263004m	45.025	ug/l	
77) Bromobenzene	12.792	156	213132	47.731	ug/l	90
78) n-propylbenzene	12.851	91	1056796	51.547	ug/l	99
79) 2-Chlorotoluene	12.939	91	644534	48.549	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	767695	50.143	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	105631	48.837	ug/l	97
82) 4-Chlorotoluene	13.039	91	624416	49.711	ug/l	99
83) tert-Butylbenzene	13.257	119	677925	48.348	ug/l	96
84) 1,2,4-Trimethylbenzene	13.298	105	765747	50.215	ug/l	97
85) sec-Butylbenzene	13.433	105	950093	50.794	ug/l	100
86) p-Isopropyltoluene	13.551	119	787783	52.020	ug/l	98
87) 1,3-Dichlorobenzene	13.545	146	394296	49.461	ug/l	99
88) 1,4-Dichlorobenzene	13.627	146	398557	49.396	ug/l	99
89) n-Butylbenzene	13.874	91	673409	54.458	ug/l	99
90) Hexachloroethane	14.139	117	149088	52.221	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	402444	48.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	73894	43.643	ug/l	95
93) 1,2,4-Trichlorobenzene	15.186	180	234950	51.065	ug/l	98
94) Hexachlorobutadiene	15.292	225	101792	50.841	ug/l	97
95) Naphthalene	15.427	128	823329	44.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.615	180	228588	46.526	ug/l	98

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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

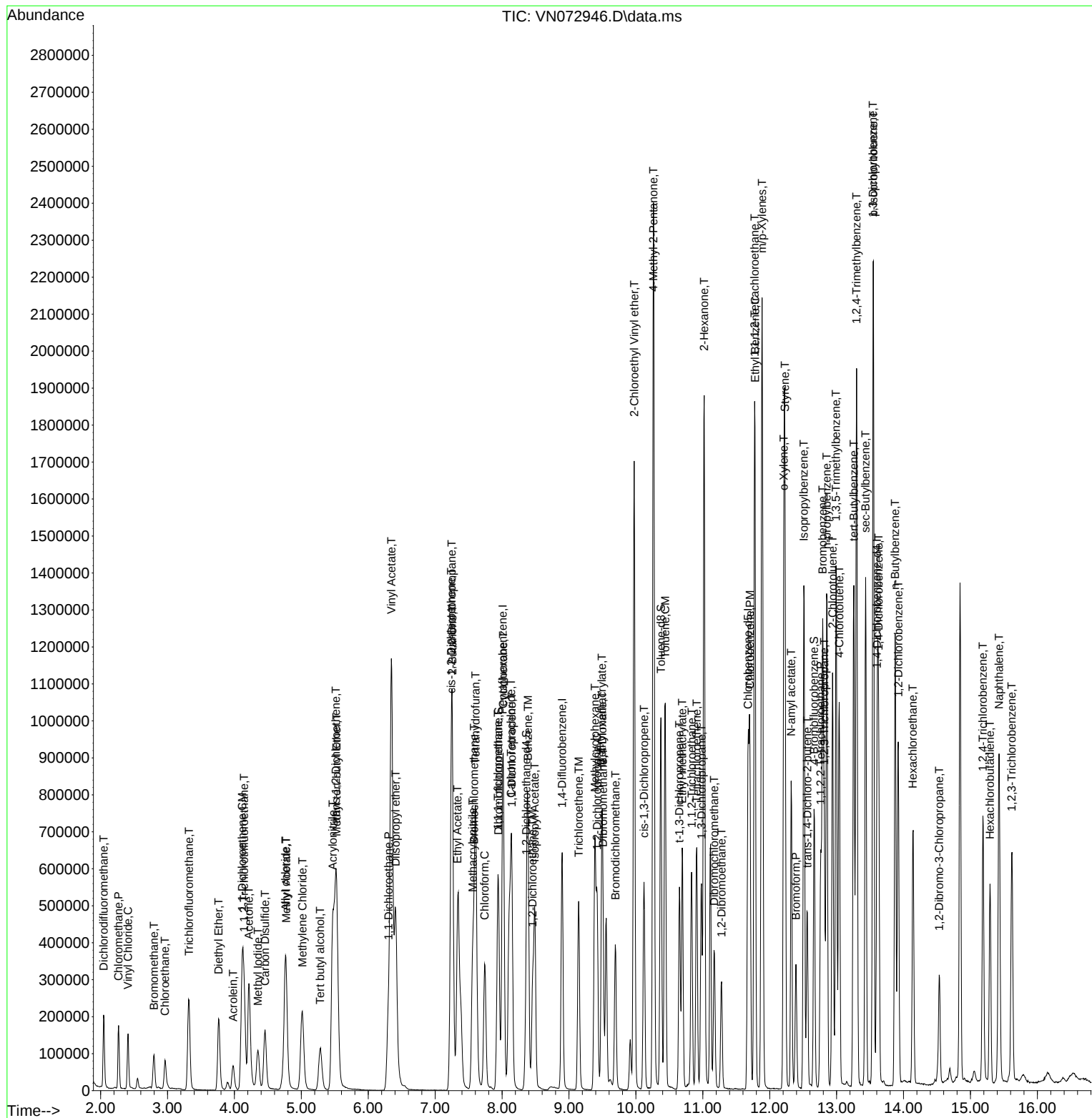
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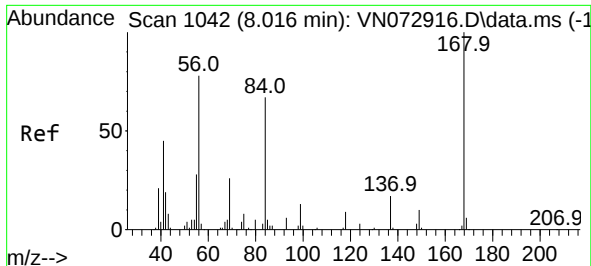
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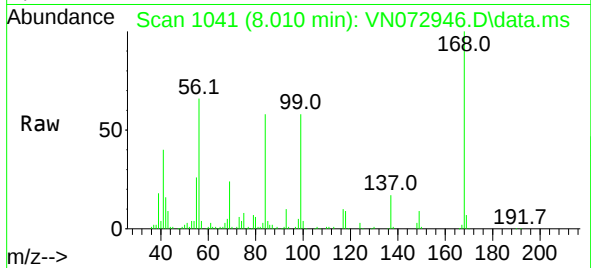
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072946.D
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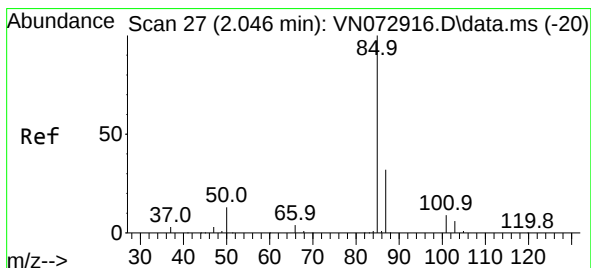
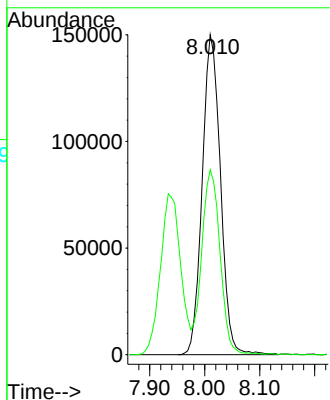
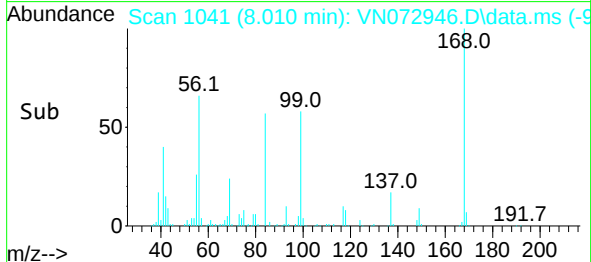
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 34616
Ion Ratio Lower Upper
168 100
99 57.7 42.3 63.5

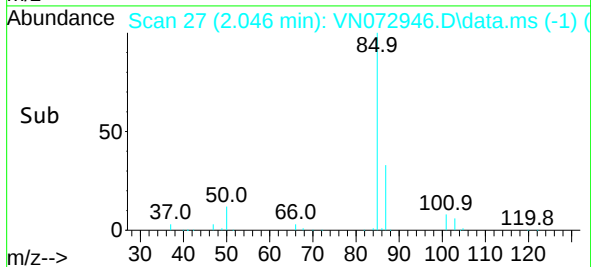
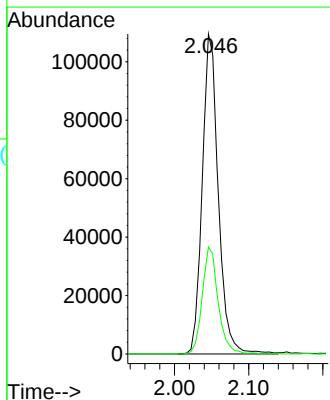
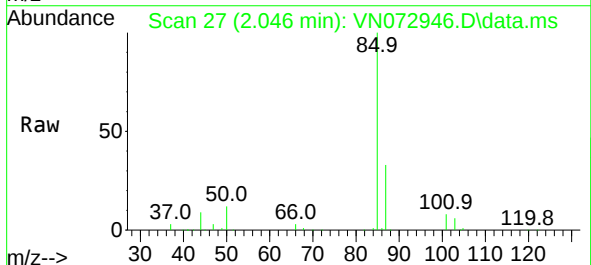
Manual Integrations
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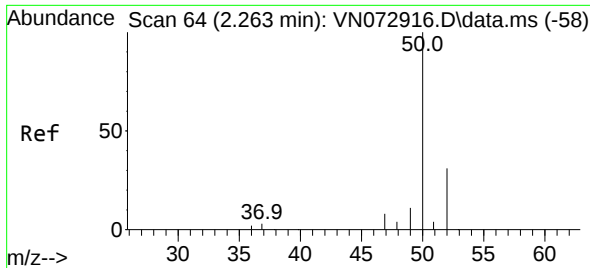
Reviewed By :John Carlone 06/21/2022
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#2
Dichlorodifluoromethane
Concen: 49.924 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

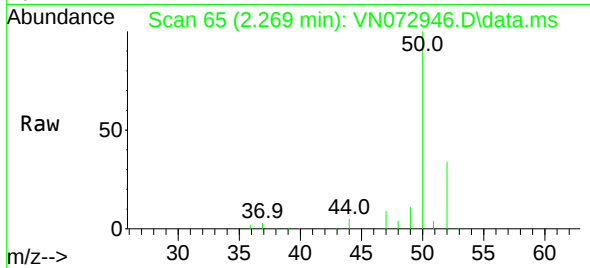
Tgt Ion: 85 Resp: 164546
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.1





#3
Chloromethane
Concen: 43.854 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

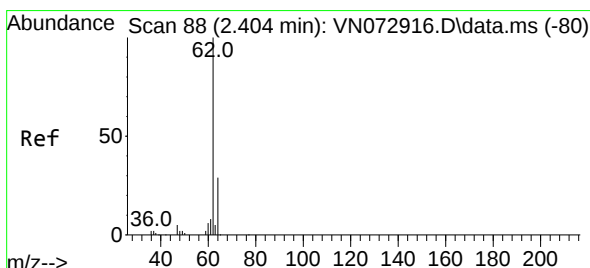
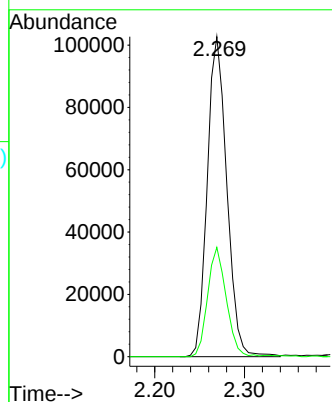
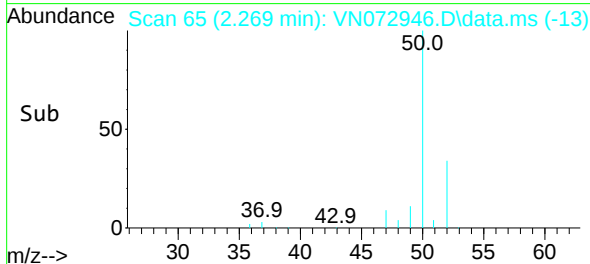
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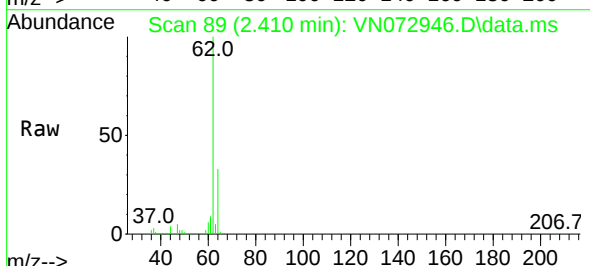
Tgt Ion: 50 Resp: 15512
Ion Ratio Lower Upper
50 100
52 34.2 25.7 38.5

Manual Integrations
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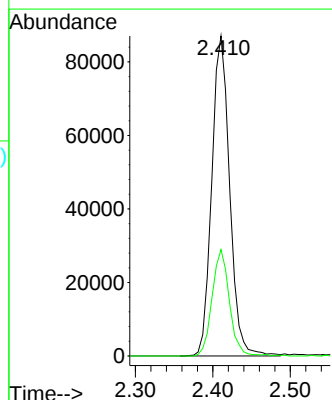
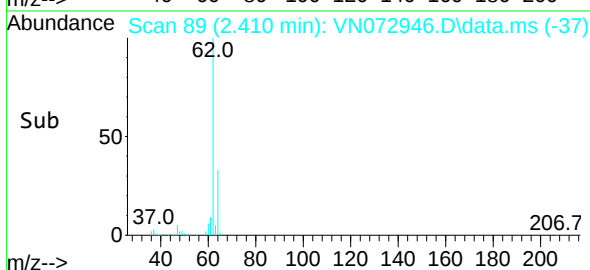
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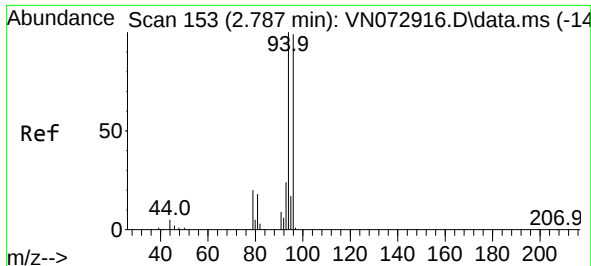


#4
Vinyl Chloride
Concen: 47.384 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



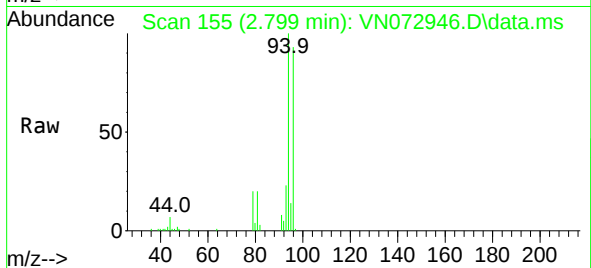
Tgt Ion: 62 Resp: 140055
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.4





#5
Bromomethane
Concen: 55.889 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

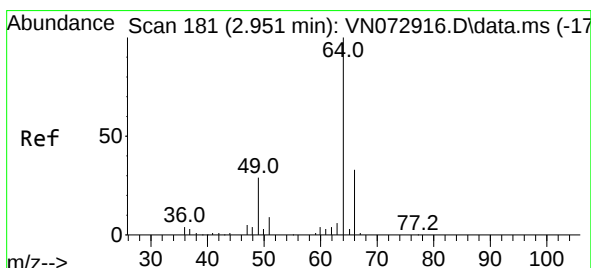
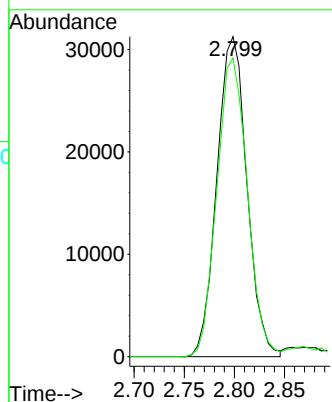
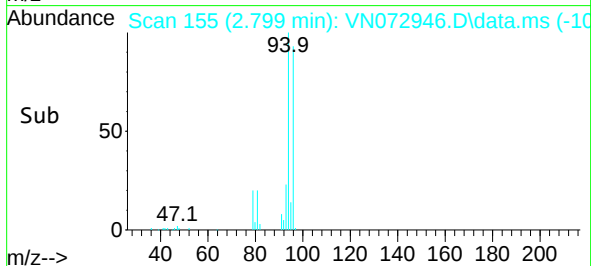
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Tgt Ion: 94 Resp: 65030
Ion Ratio Lower Upper
94 100
96 93.3 76.0 114.0

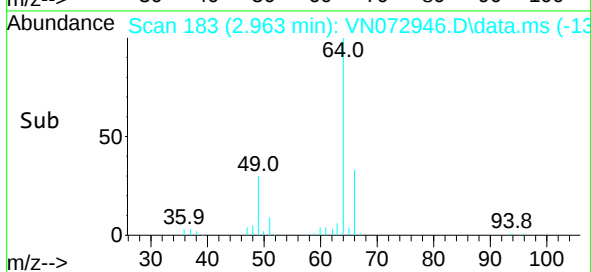
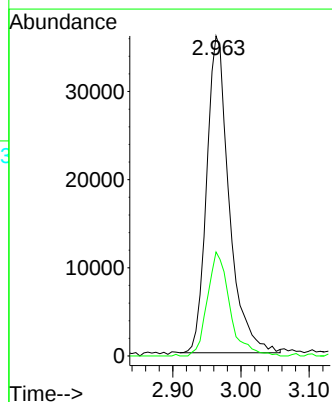
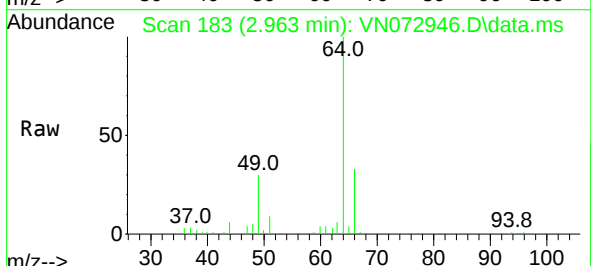
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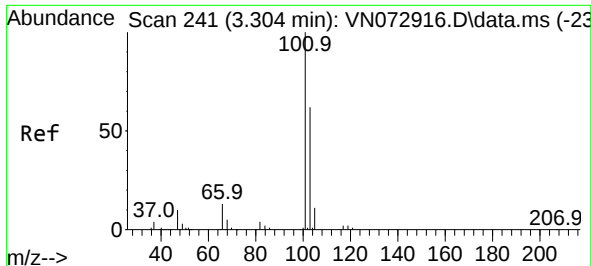
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#6
Chloroethane
Concen: 44.695 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

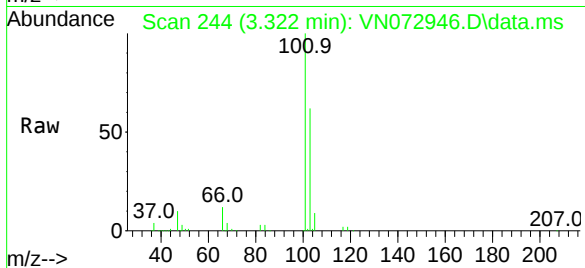
Tgt Ion: 64 Resp: 82650
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 57.134 ug/l
 RT: 3.322 min Scan# 241
 Delta R.T. 0.018 min
 Lab File: VN072946.D
 Acq: 20 Jun 2022 08:22

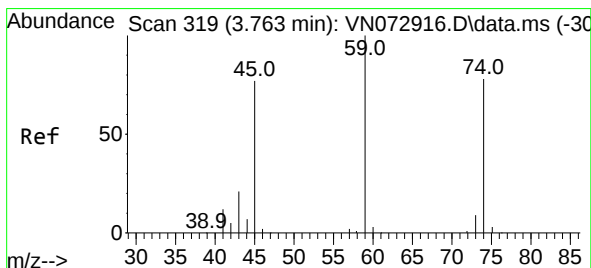
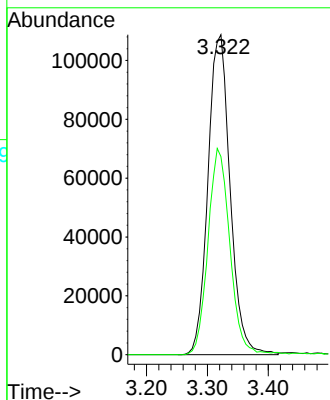
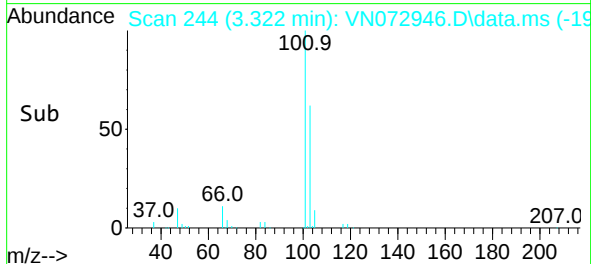
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Tgt Ion:101 Resp: 275010
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.5 77.3

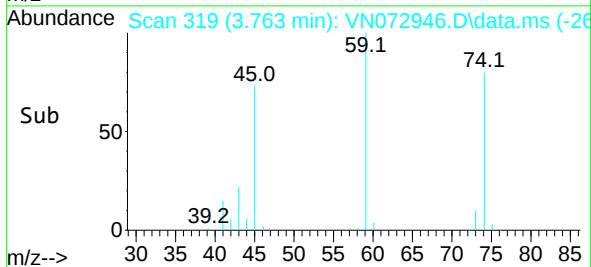
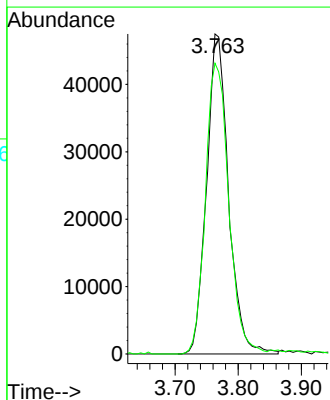
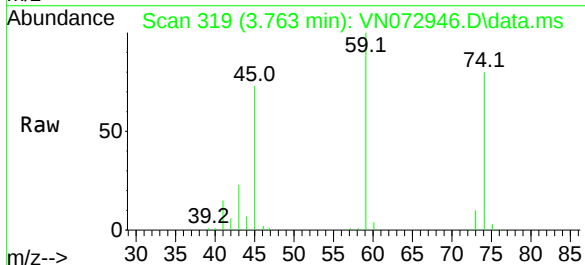
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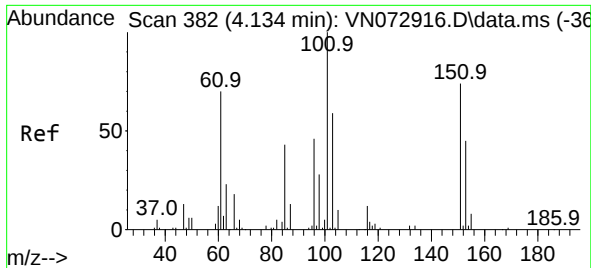
Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022



#8
 Diethyl Ether
 Concen: 46.248 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN072946.D
 Acq: 20 Jun 2022 08:22

Tgt Ion: 74 Resp: 114888
 Ion Ratio Lower Upper
 74 100
 45 96.4 42.9 128.5





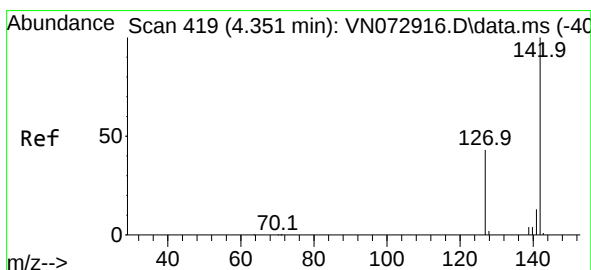
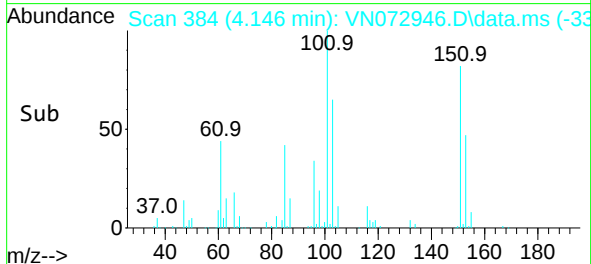
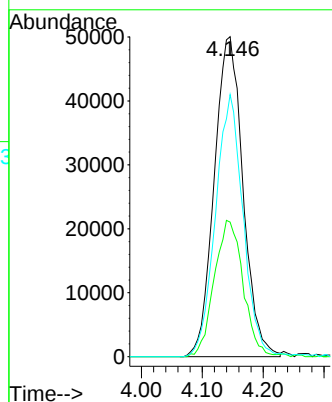
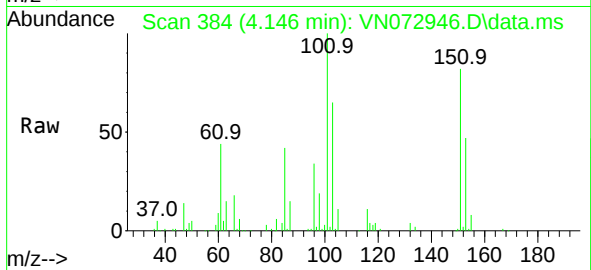
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.282 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050

Tgt Ion:101 Resp: 163972
Ion Ratio Lower Upper
101 100
85 42.6 34.7 52.1
151 78.8 63.0 94.4

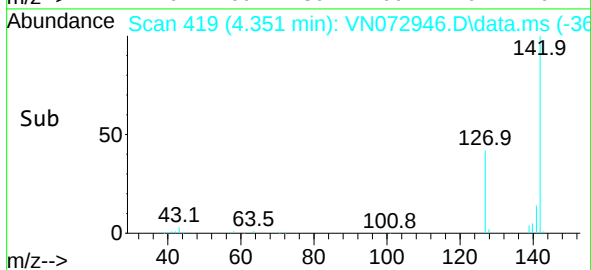
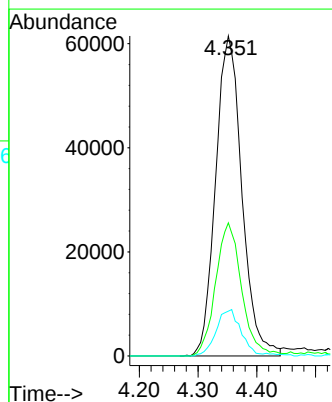
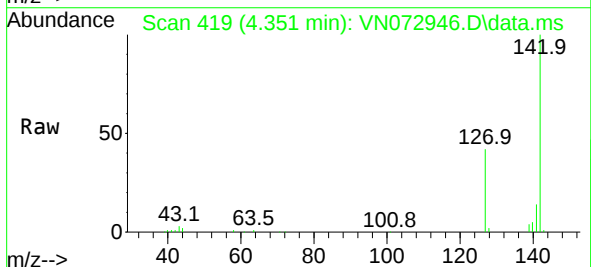
Manual Integrations
APPROVED

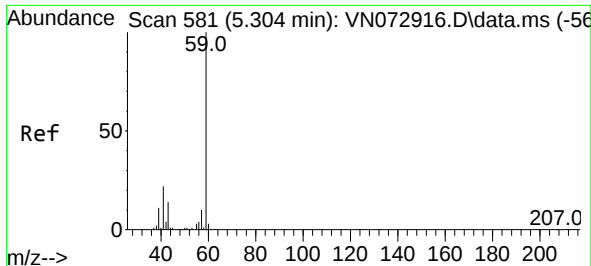
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#10
Methyl Iodide
Concen: 50.031 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

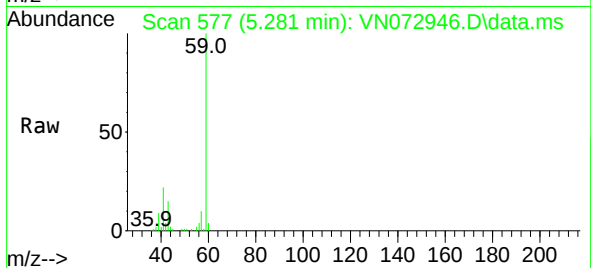
Tgt Ion:142 Resp: 190804
Ion Ratio Lower Upper
142 100
127 41.1 31.3 46.9
141 13.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 185.935 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

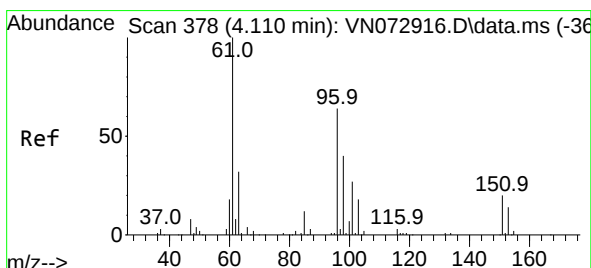
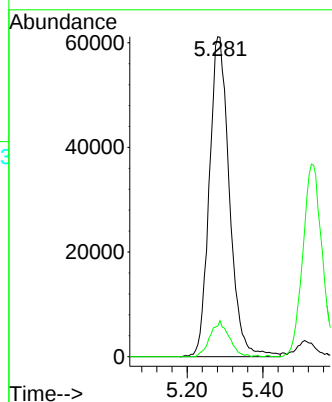
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 22478
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

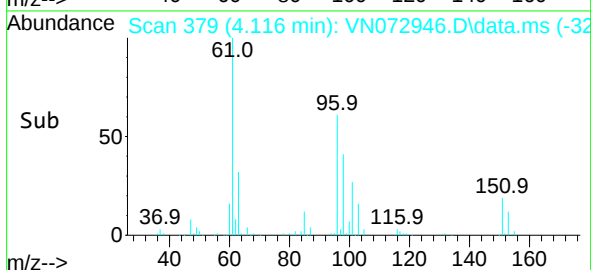
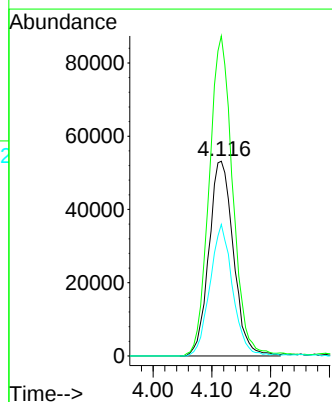
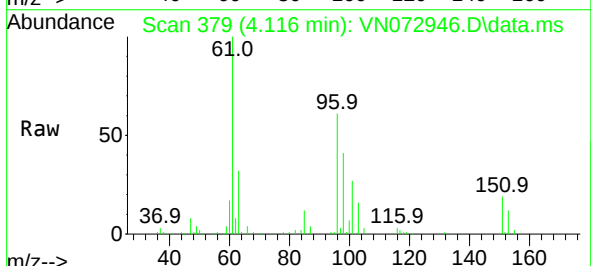
Manual Integrations
APPROVED

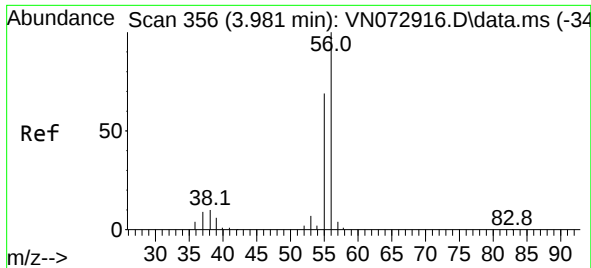
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#12
1,1-Dichloroethene
Concen: 46.452 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

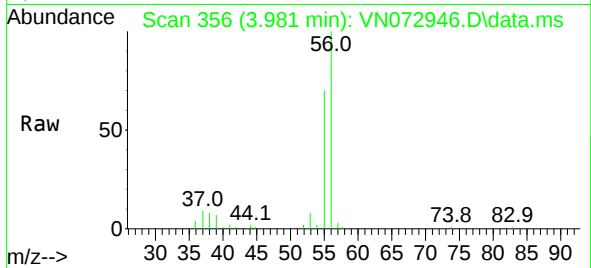
Tgt Ion: 96 Resp: 153953
Ion Ratio Lower Upper
96 100
61 164.3 127.6 191.4
98 67.5 51.2 76.8





#13
Acrolein
Concen: 175.523 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

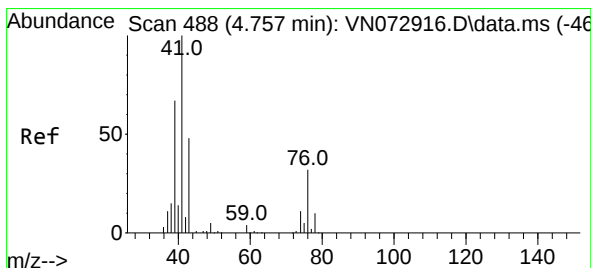
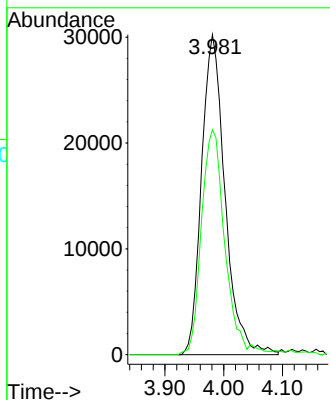
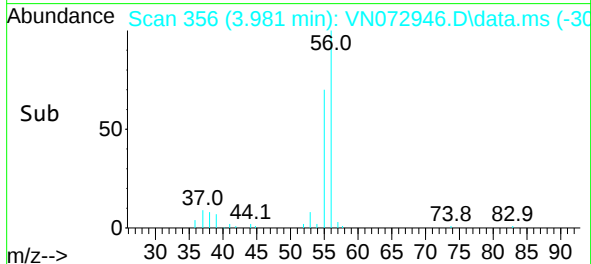
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



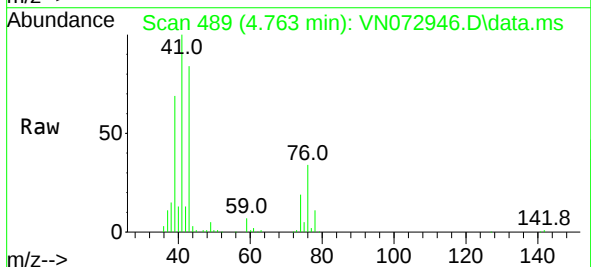
Tgt Ion: 56 Resp: 8357
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2

Manual Integrations
APPROVED

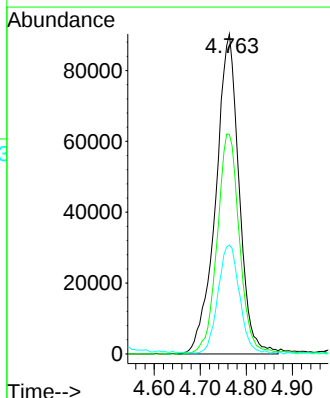
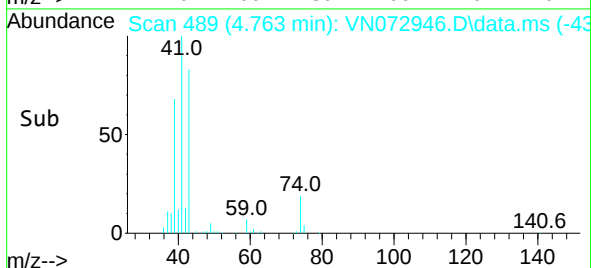
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#14
Allyl chloride
Concen: 44.837 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



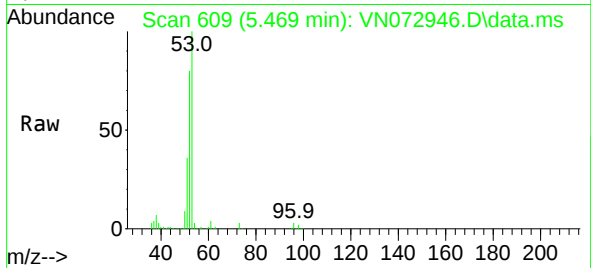
Tgt Ion: 41 Resp: 317486
Ion Ratio Lower Upper
41 100
39 66.1 53.2 79.8
76 30.7 29.9 44.9





#15
Acrylonitrile
Concen: 212.632 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

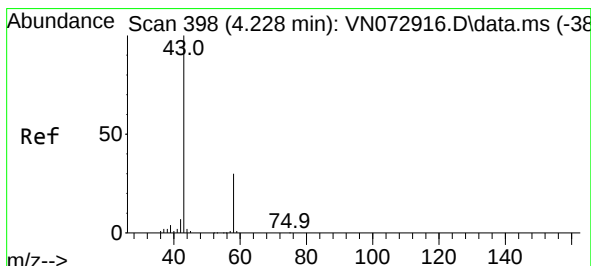
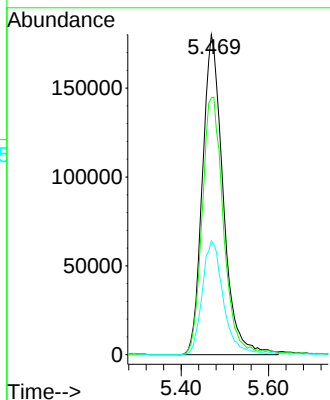
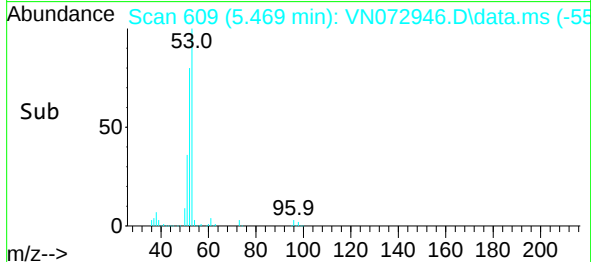
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



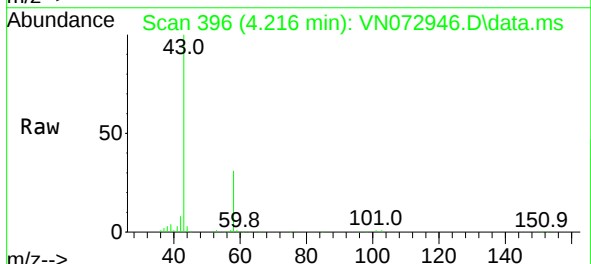
Tgt Ion: 53 Resp: 59256
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 36.3 28.5 42.7

Manual Integrations
APPROVED

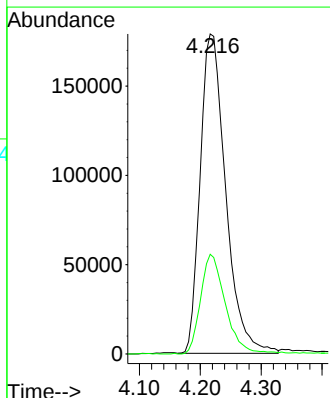
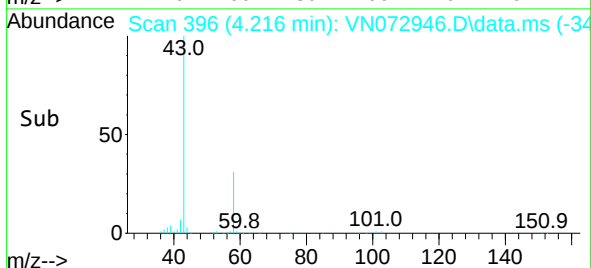
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

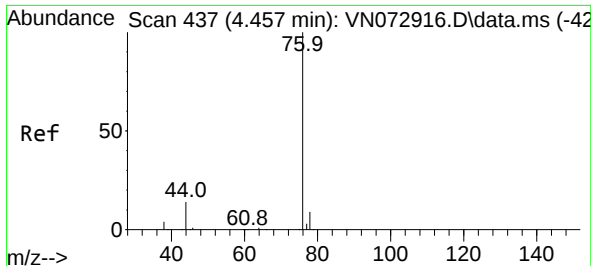


#16
Acetone
Concen: 202.430 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.012 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



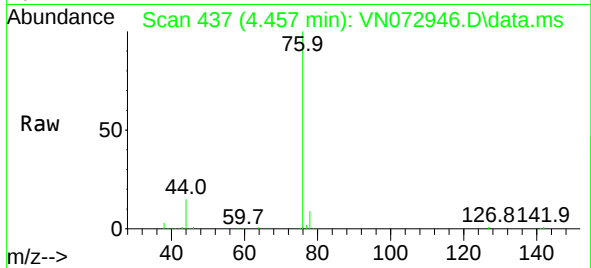
Tgt Ion: 43 Resp: 520771
Ion Ratio Lower Upper
43 100
58 31.2 26.0 39.0





#17
Carbon Disulfide
Concen: 40.994 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

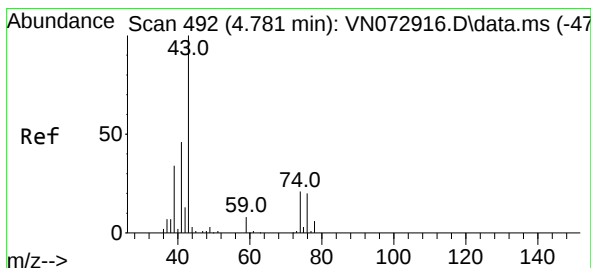
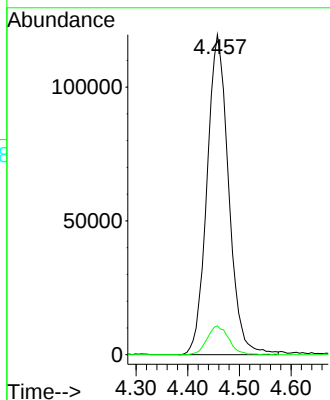
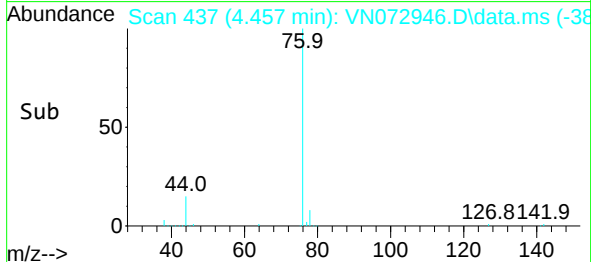
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



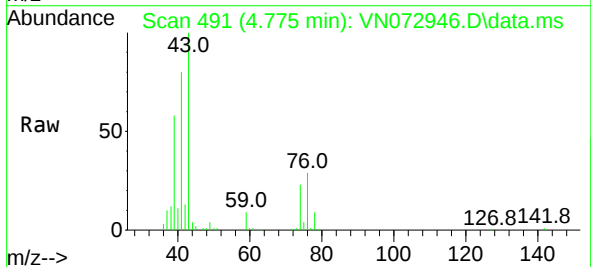
Tgt Ion: 76 Resp: 34810
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
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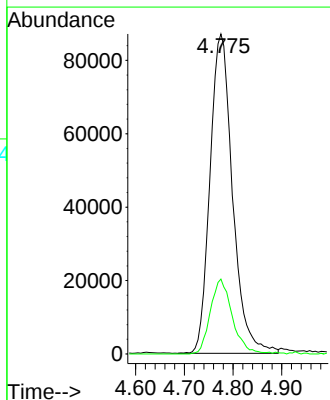
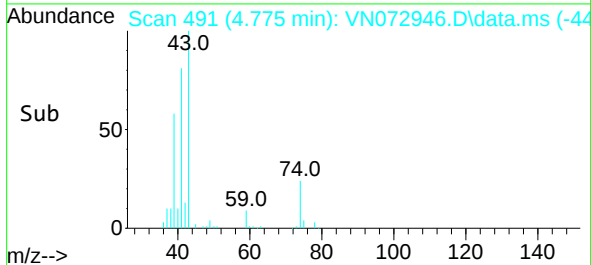
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

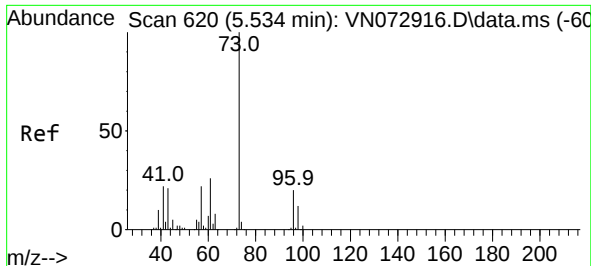


#18
Methyl Acetate
Concen: 40.849 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



Tgt Ion: 43 Resp: 279846
Ion Ratio Lower Upper
43 100
74 22.8 21.6 32.4





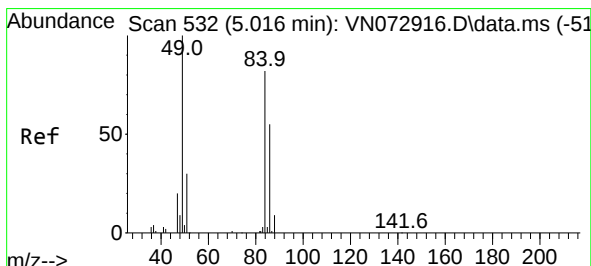
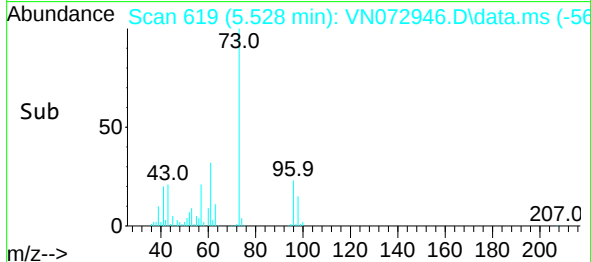
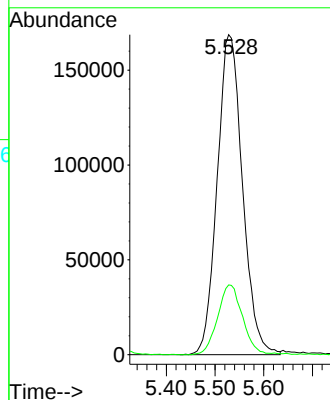
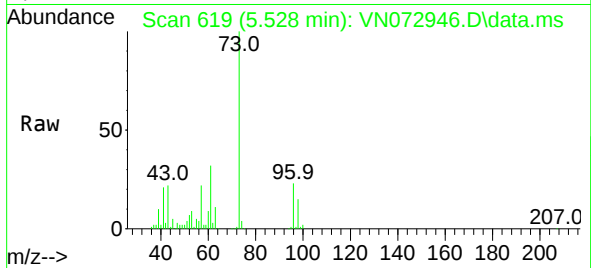
#19
Methyl tert-butyl Ether
Concen: 48.888 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 608519
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

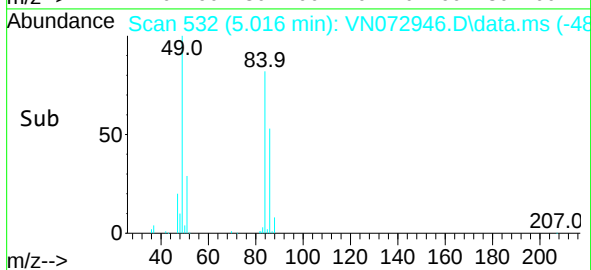
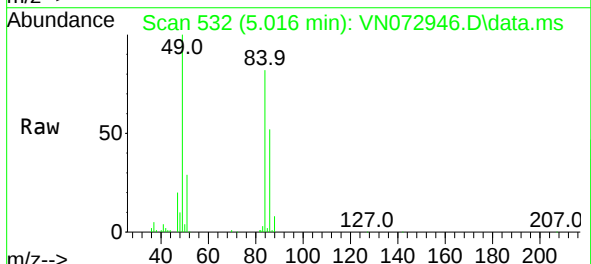
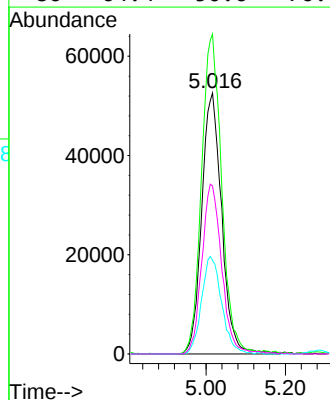
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#20
Methylene Chloride
Concen: 46.075 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

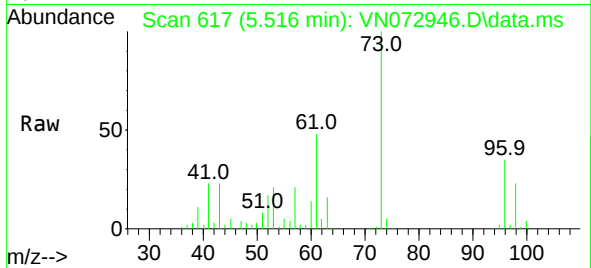
Tgt Ion: 84 Resp: 183932
Ion Ratio Lower Upper
84 100
49 122.6 88.3 132.5
51 36.0 28.2 42.2
86 64.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 44.773 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

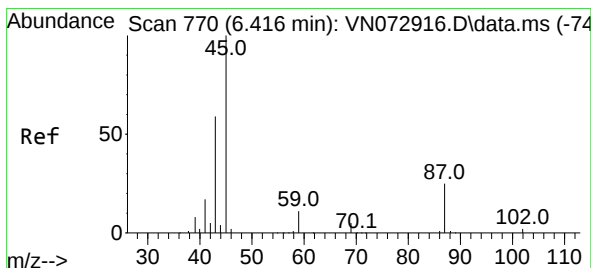
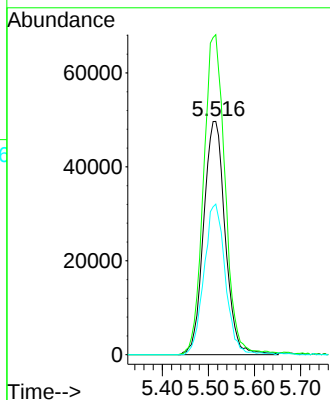
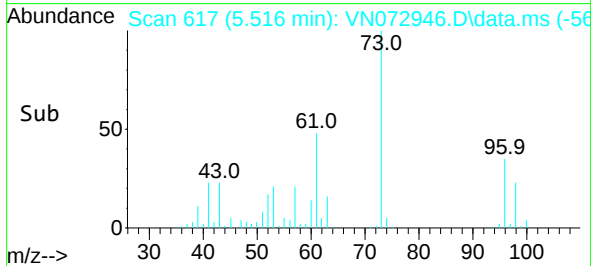
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



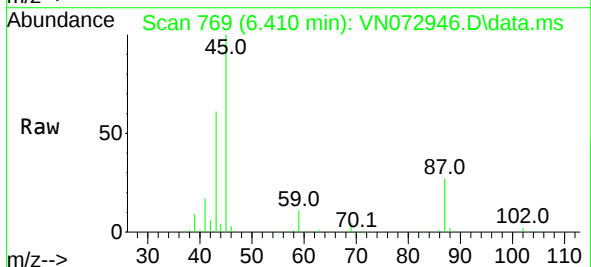
Tgt Ion: 96 Resp: 16141
Ion Ratio Lower Upper
96 100
61 137.1 105.8 158.8
98 64.6 50.3 75.5

Manual Integrations
APPROVED

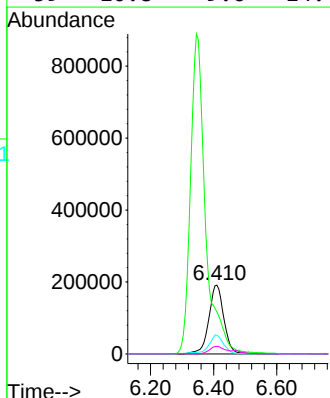
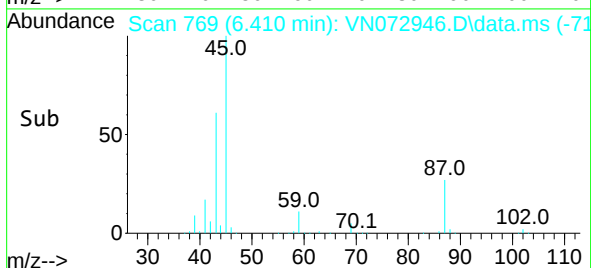
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#22
Diisopropyl ether
Concen: 48.057 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



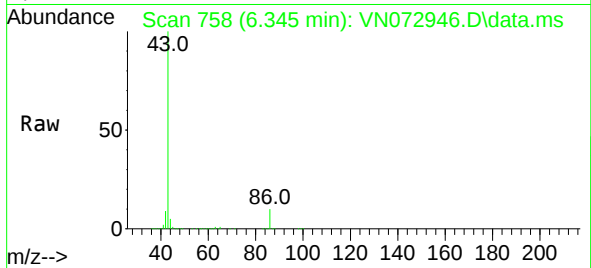
Tgt Ion: 45 Resp: 634376
Ion Ratio Lower Upper
45 100
43 60.5 46.6 70.0
87 27.1 24.3 36.5
59 10.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 240.839 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN072946.D
 Acq: 20 Jun 2022 08:22

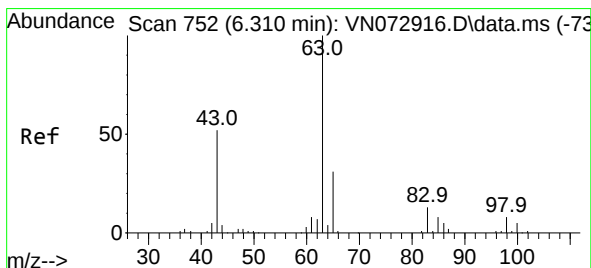
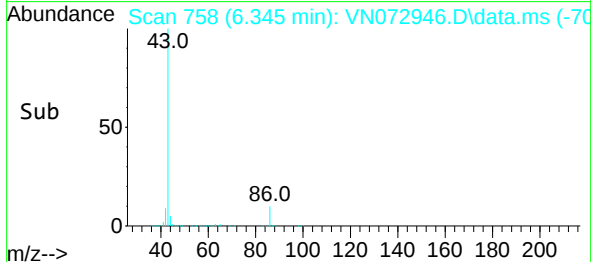
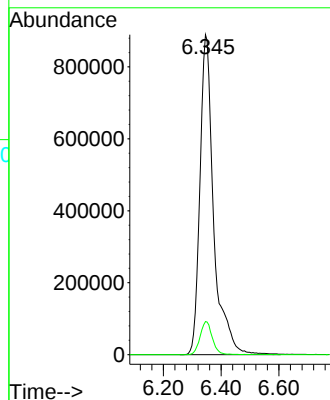
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 293474
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.0 15.0

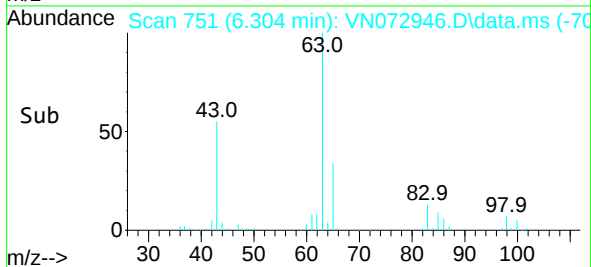
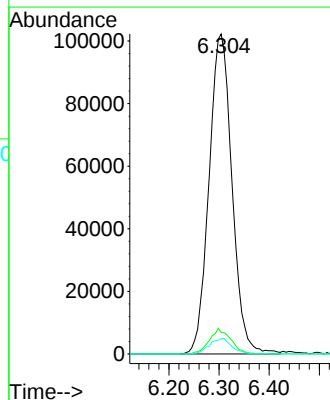
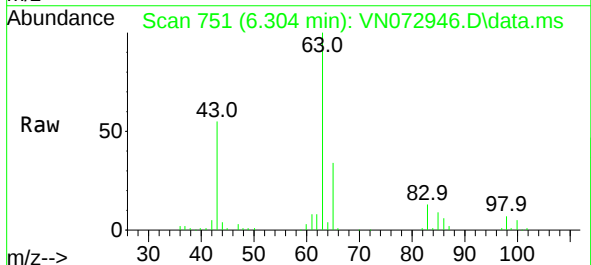
Manual Integrations
 APPROVED

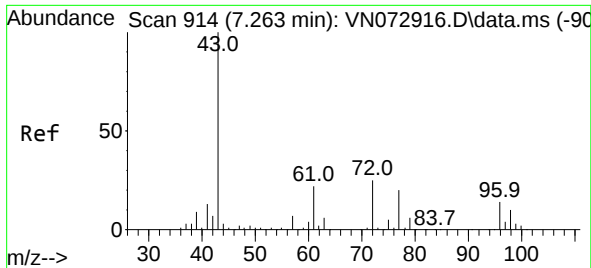
Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022



#24
 1,1-Dichloroethane
 Concen: 47.085 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN072946.D
 Acq: 20 Jun 2022 08:22

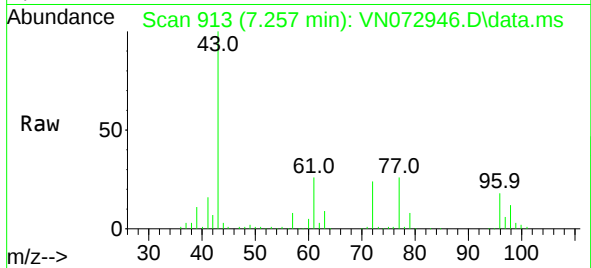
Tgt Ion: 63 Resp: 325858
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.7 2.3 6.8





#25
2-Butanone
Concen: 206.234 ug/l
RT: 7.257 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

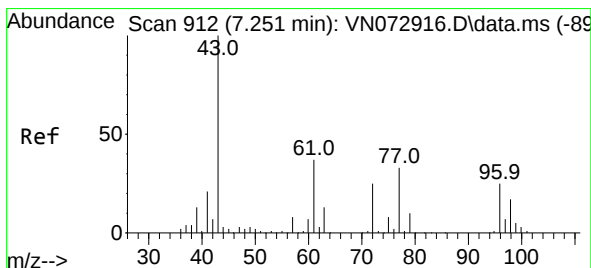
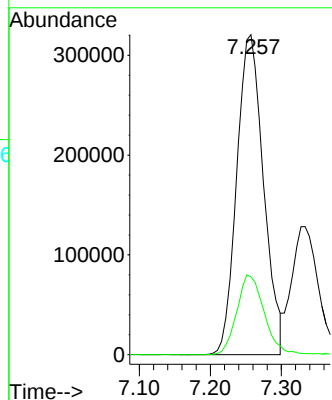
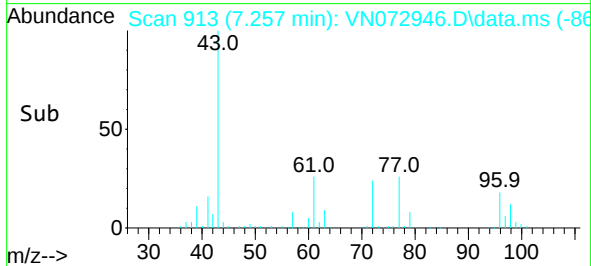
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 841915
Ion Ratio Lower Upper
43 100
72 24.4 23.7 35.5

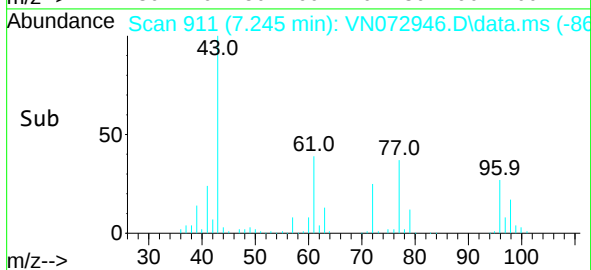
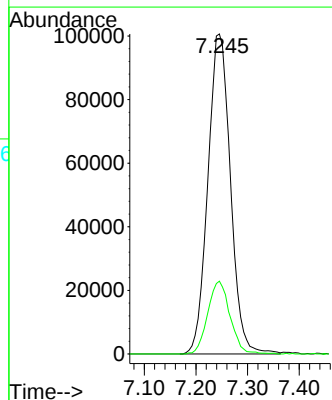
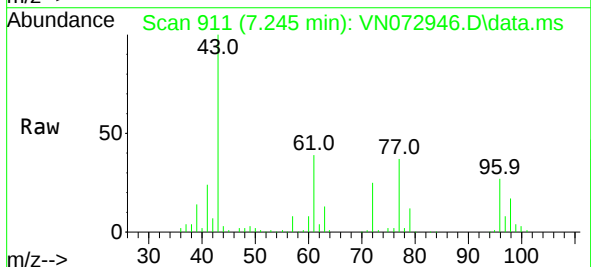
Manual Integrations
APPROVED

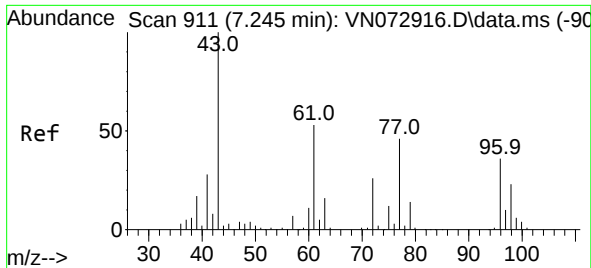
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#26
2,2-Dichloropropane
Concen: 53.245 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

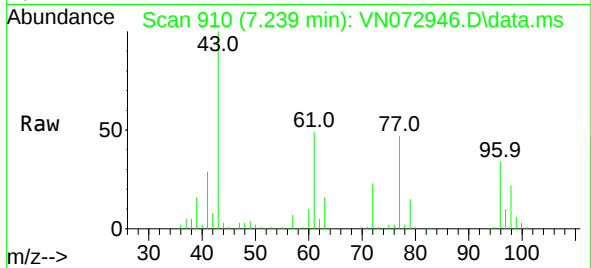
Tgt Ion: 77 Resp: 305666
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 47.240 ug/l
 RT: 7.239 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN072946.D
 Acq: 20 Jun 2022 08:22

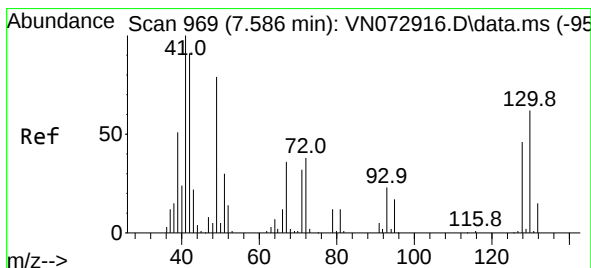
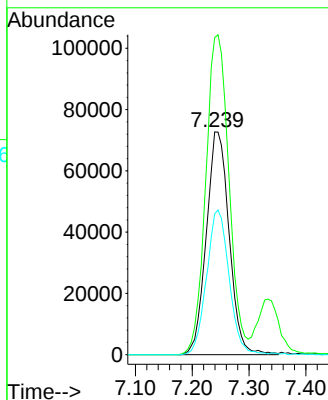
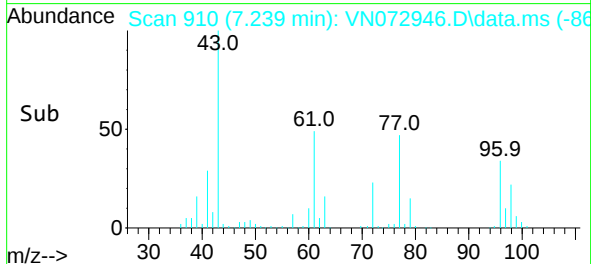
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



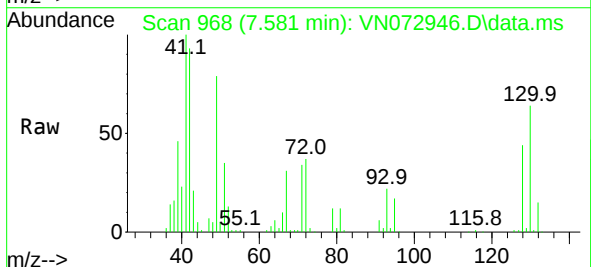
Tgt Ion: 96 Resp: 203468
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 280.6
 98 64.0 0.0 128.4

Manual Integrations
 APPROVED

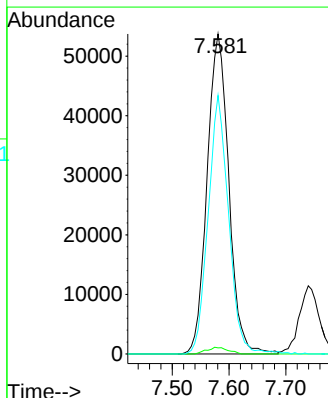
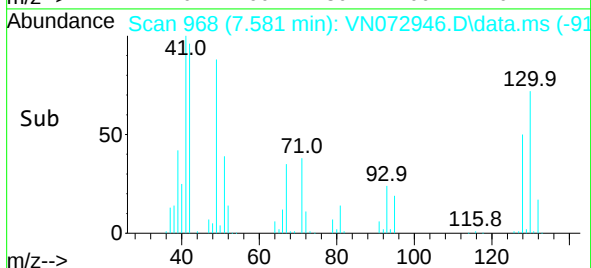
Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022

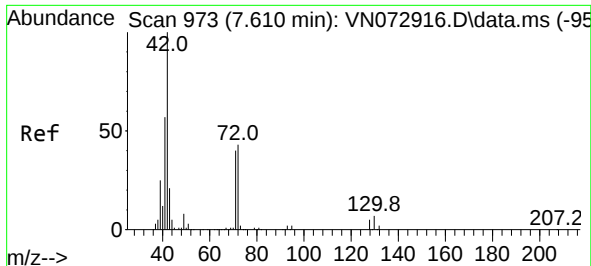


#28
 Bromochloromethane
 Concen: 49.686 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN072946.D
 Acq: 20 Jun 2022 08:22



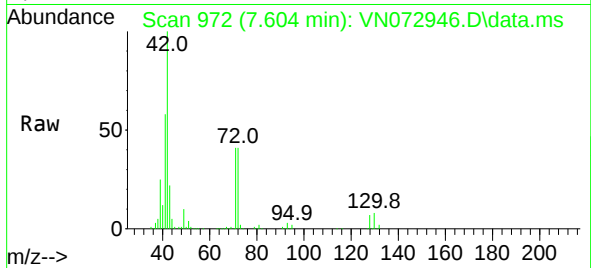
Tgt Ion: 49 Resp: 142210
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 76.4 69.7 104.5





#29
Tetrahydrofuran
Concen: 209.341 ug/l
RT: 7.604 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

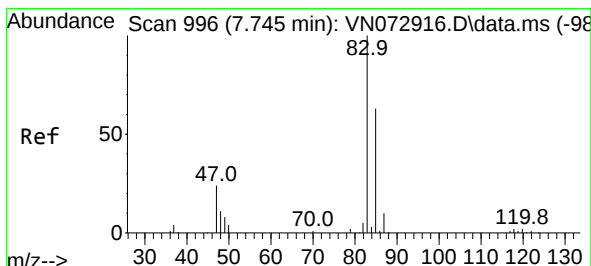
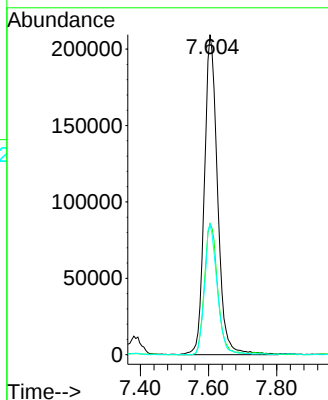
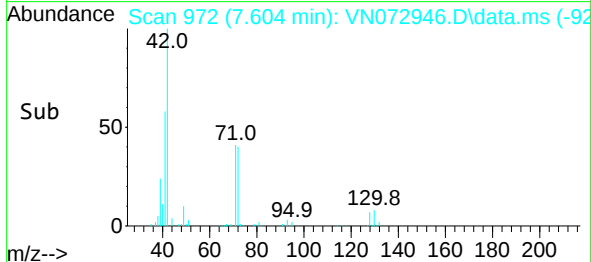
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



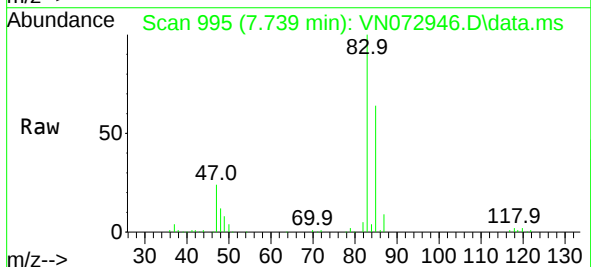
Tgt Ion: 42 Resp: 564340
Ion Ratio Lower Upper
42 100
72 41.0 39.7 59.5
71 39.0 36.6 55.0

Manual Integrations
APPROVED

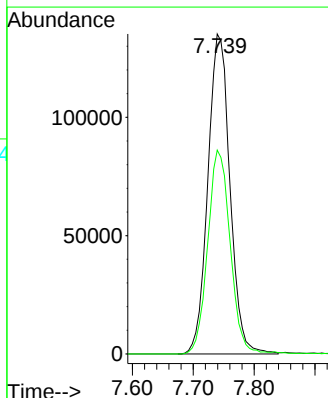
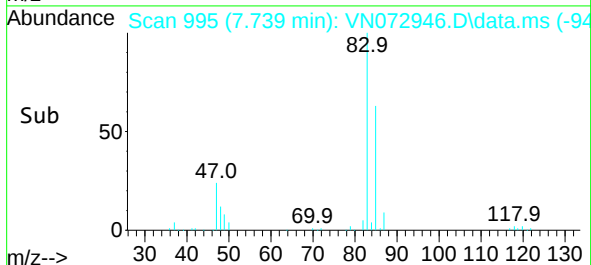
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

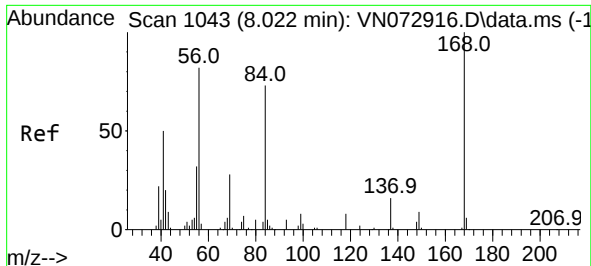


#30
Chloroform
Concen: 48.631 ug/l
RT: 7.739 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



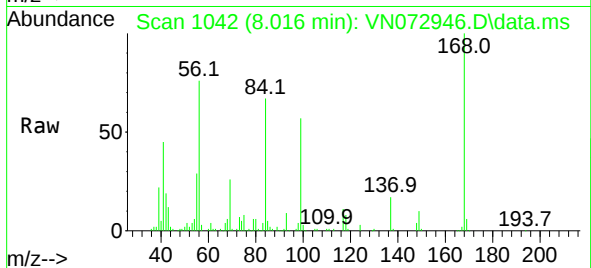
Tgt Ion: 83 Resp: 340712
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8





#31
Cyclohexane
Concen: 43.957 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

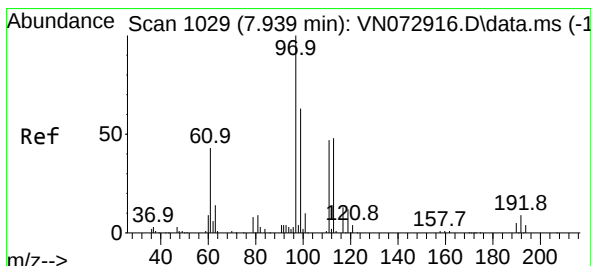
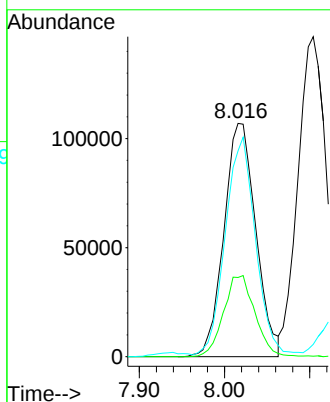
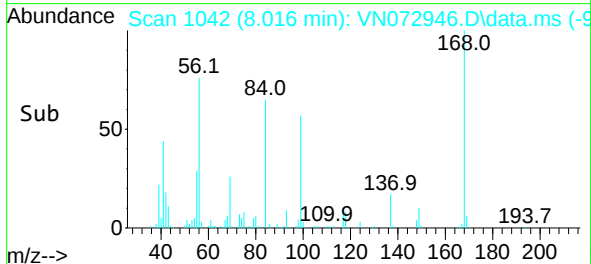
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



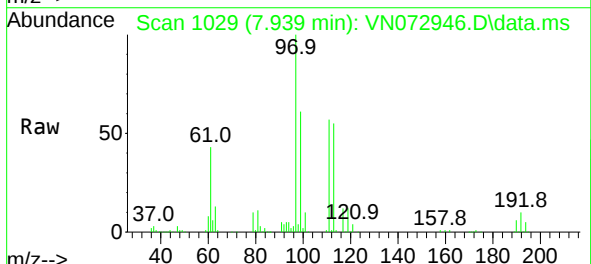
Tgt Ion: 56 Resp: 278280
Ion Ratio Lower Upper
56 100
69 33.6 27.8 41.8
84 87.0 76.9 115.3

Manual Integrations
APPROVED

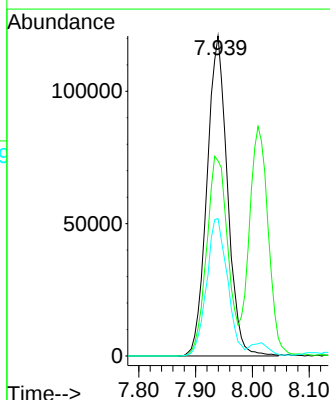
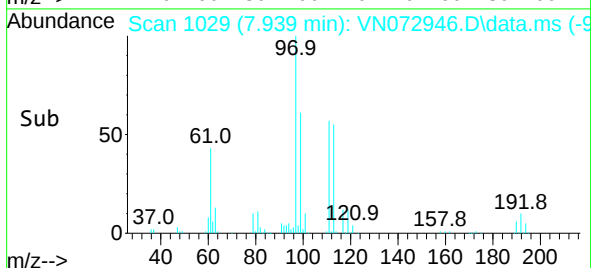
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

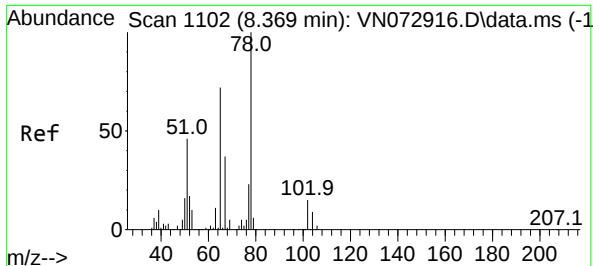


#32
1,1,1-Trichloroethane
Concen: 49.166 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



Tgt Ion: 97 Resp: 302281
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 43.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.616 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 232208

Ion Ratio Lower Upper

65 100

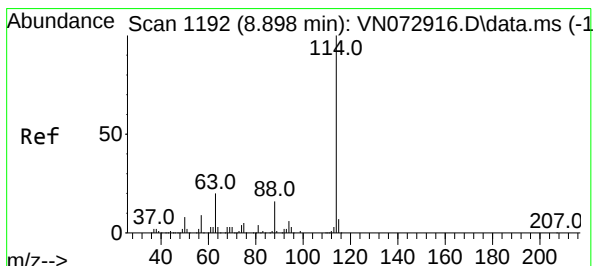
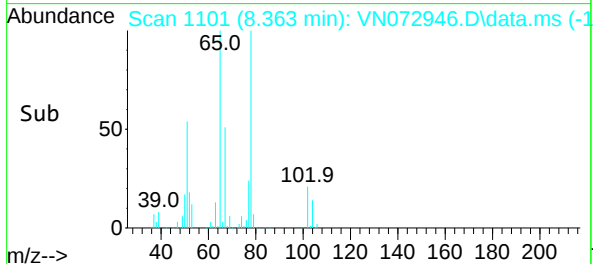
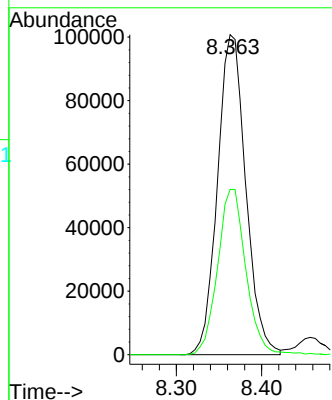
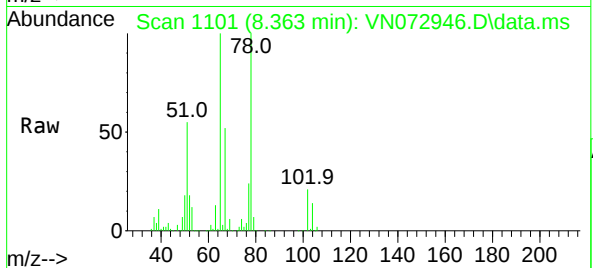
67 51.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

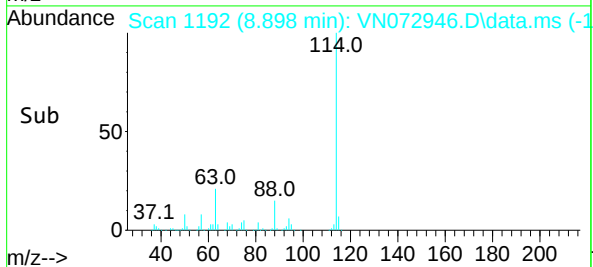
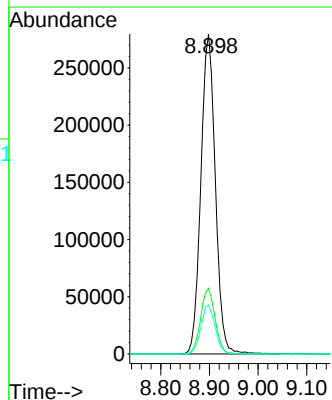
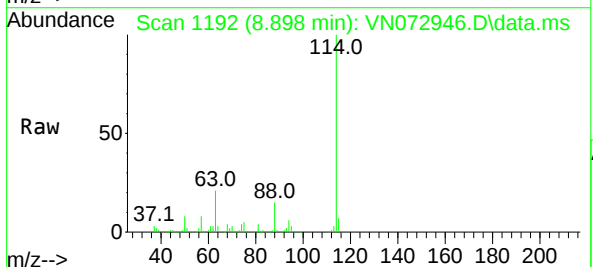
Tgt Ion:114 Resp: 577302

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.910 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

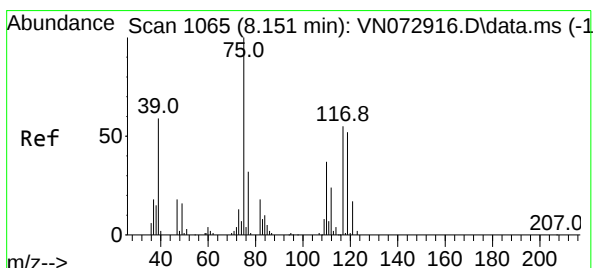
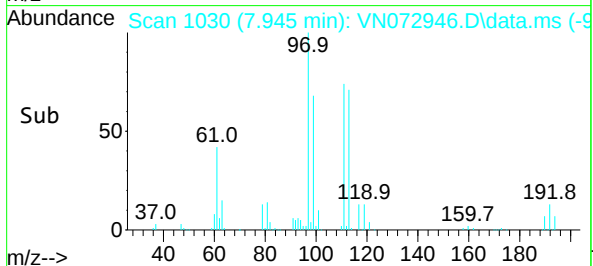
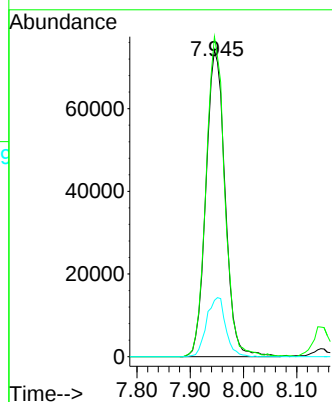
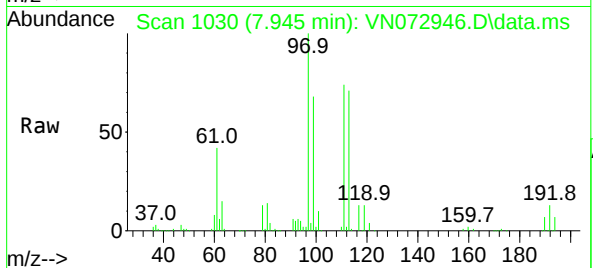
Tgt Ion:113 Resp: 185228
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.0
 192 19.3 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#36

1,1-Dichloropropene

Concen: 49.397 ug/l

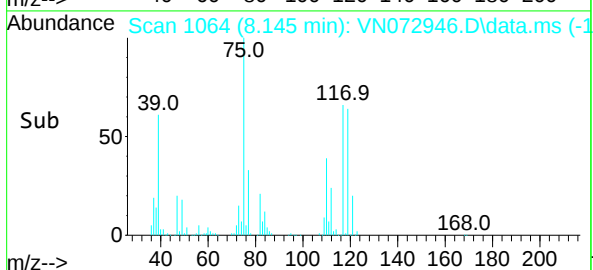
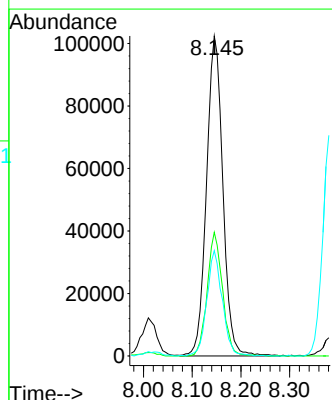
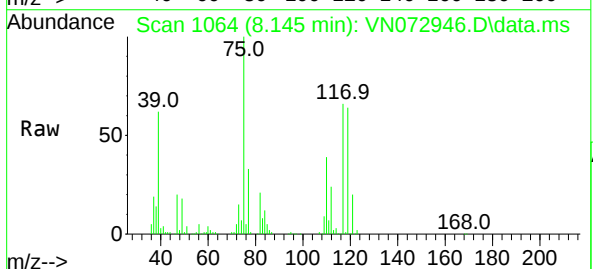
RT: 8.145 min Scan# 1064

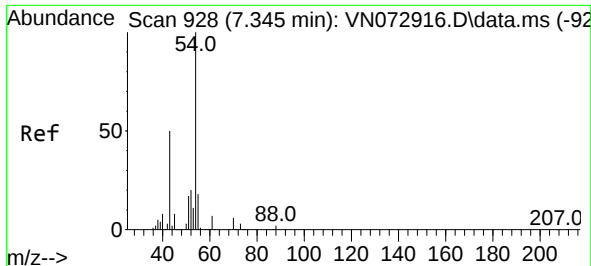
Delta R.T. -0.006 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

Tgt Ion: 75 Resp: 238504
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.3 54.8
 77 31.1 25.1 37.7





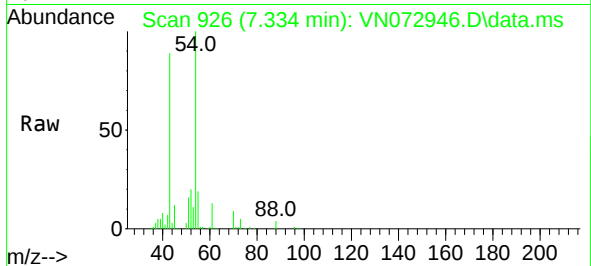
#37
Ethyl Acetate
Concen: 44.555 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

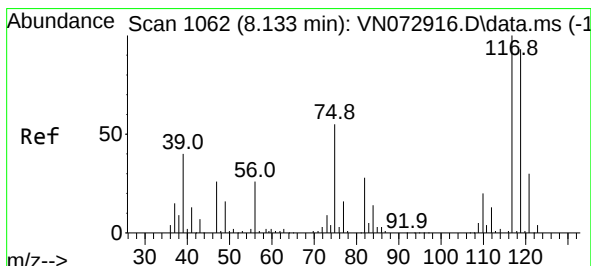
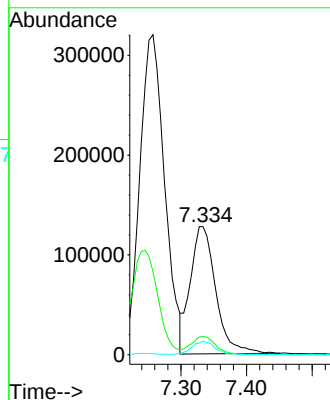
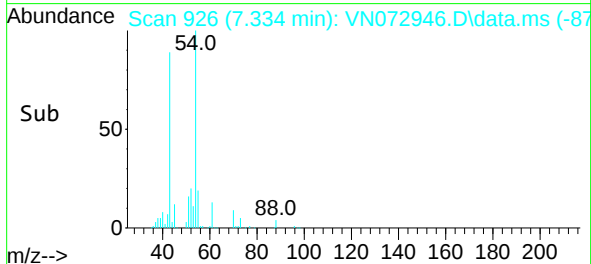
VSTDCCC050



Tgt Ion: 43 Resp: 344089
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 9.6 9.3 13.9

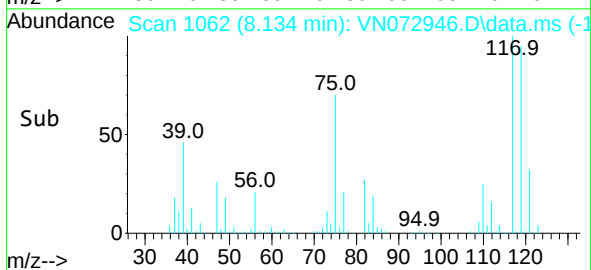
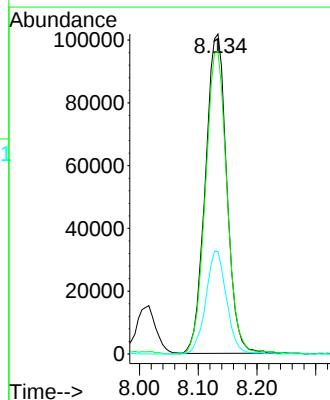
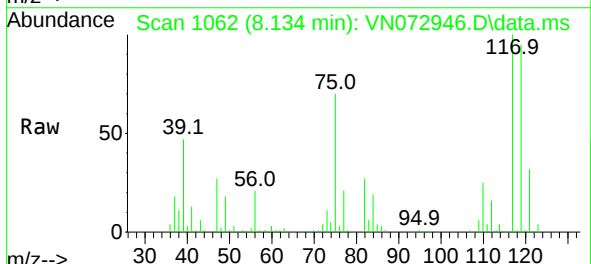
Manual Integrations
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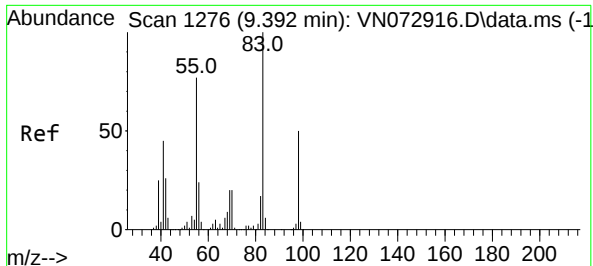
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#38
Carbon Tetrachloride
Concen: 50.773 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Tgt Ion:117 Resp: 257859
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 32.2 24.6 37.0





#39

Methylcyclohexane

Concen: 50.615 ug/l

RT: 9.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN072946.D

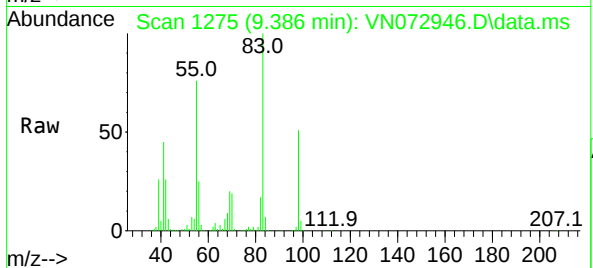
Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 29456

Ion Ratio Lower Upper

83 100

55 76.0 57.8 86.8

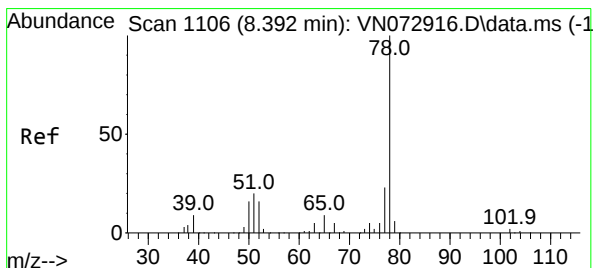
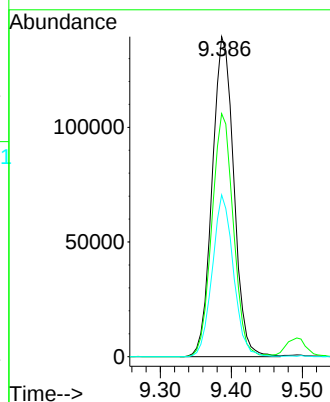
98 50.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#40

Benzene

Concen: 48.044 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN072946.D

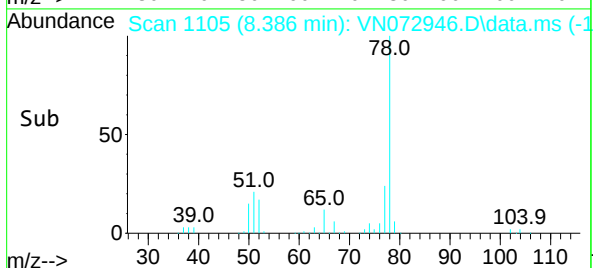
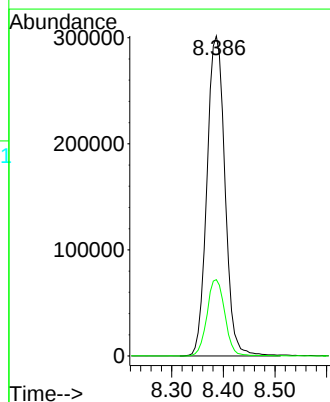
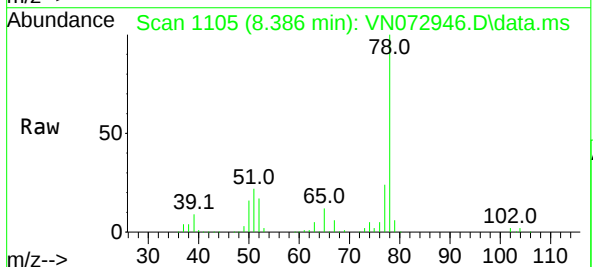
Acq: 20 Jun 2022 08:22

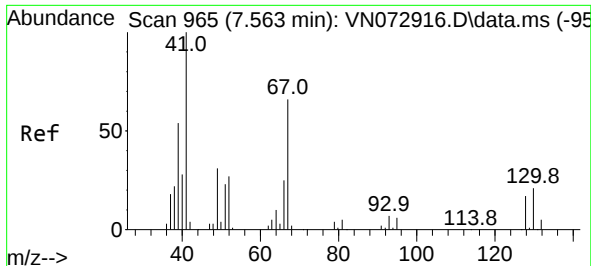
Tgt Ion: 78 Resp: 729024

Ion Ratio Lower Upper

78 100

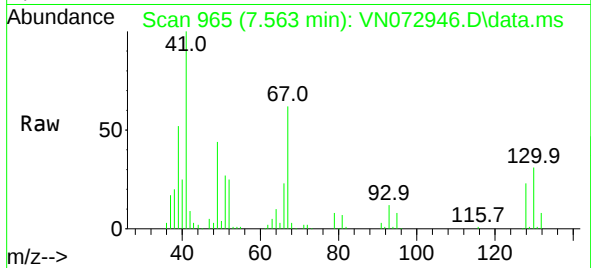
77 23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 45.680 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

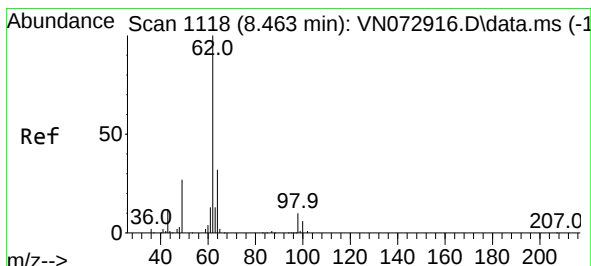
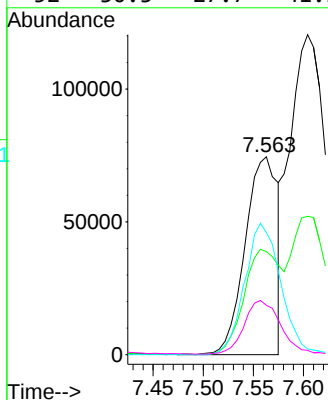
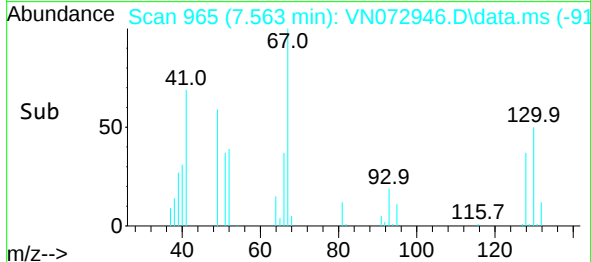
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



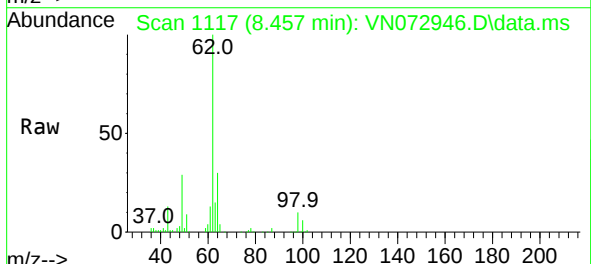
Tgt Ion: 41 Resp: 167292
Ion Ratio Lower Upper
41 100
39 61.4 48.6 73.0
67 74.2 73.4 110.2
52 30.3 27.7 41.5

Manual Integrations
APPROVED

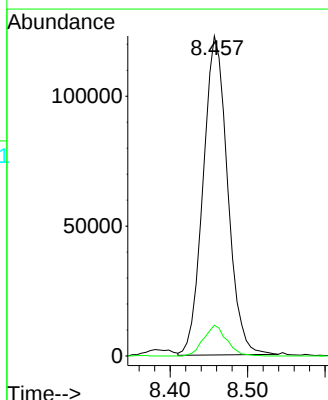
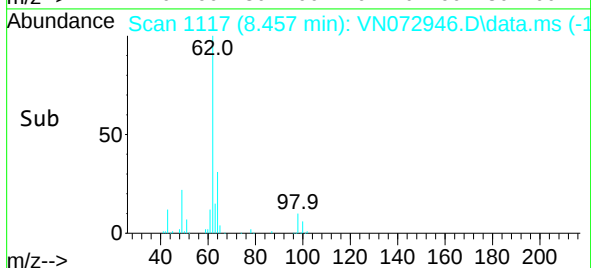
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

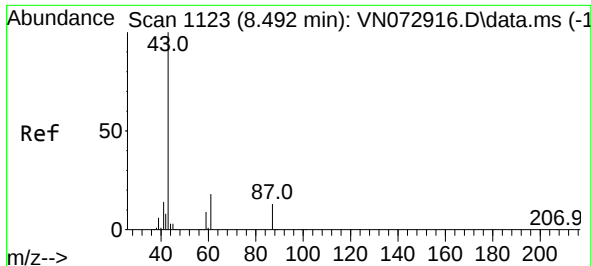


#42
1,2-Dichloroethane
Concen: 50.099 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



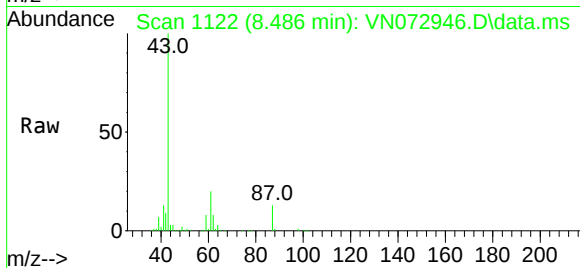
Tgt Ion: 62 Resp: 270012
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 48.780 ug/l
RT: 8.486 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

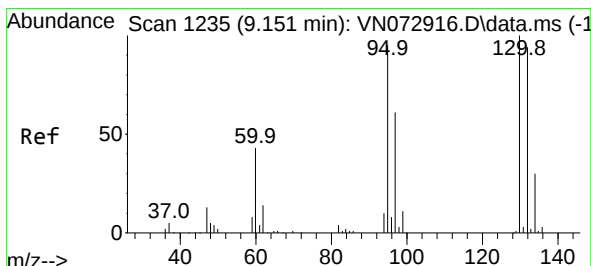
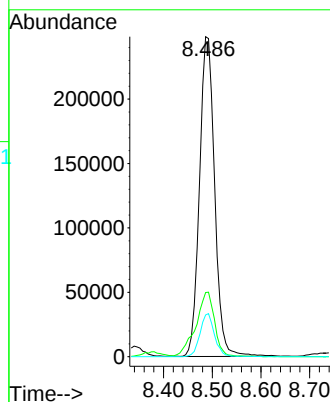
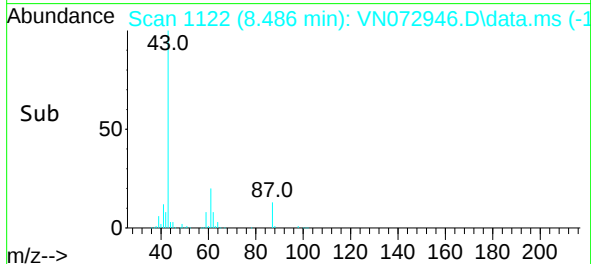
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



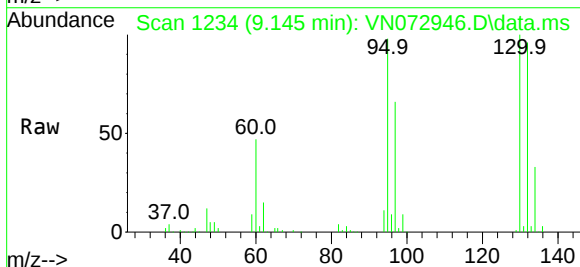
Tgt Ion: 43 Resp: 53850
Ion Ratio Lower Upper
43 100
61 25.1 21.9 32.9
87 12.9 12.0 18.0

Manual Integrations
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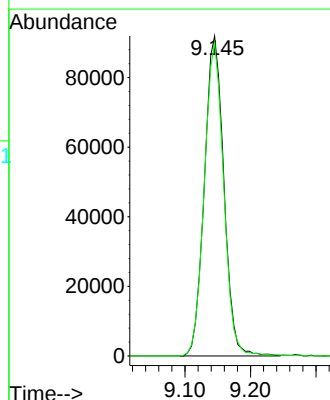
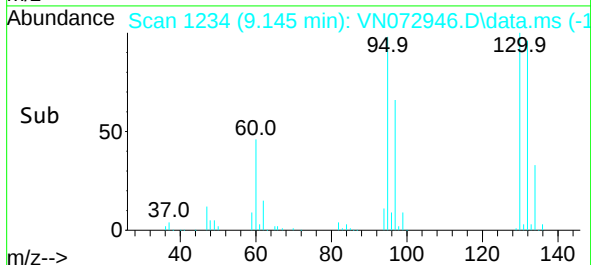
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

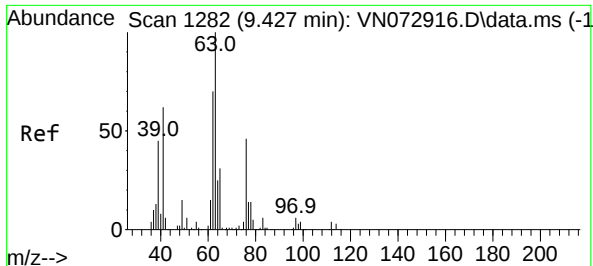


#44
Trichloroethene
Concen: 49.385 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



Tgt Ion:130 Resp: 189903
Ion Ratio Lower Upper
130 100
95 97.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.313 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 191270

Ion Ratio Lower Upper

63 100

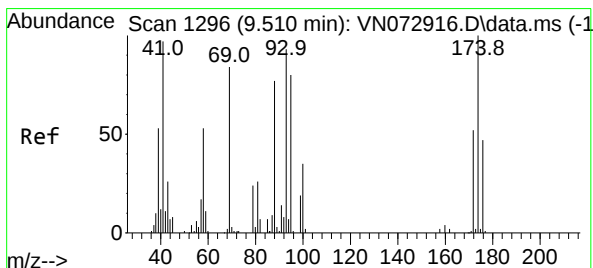
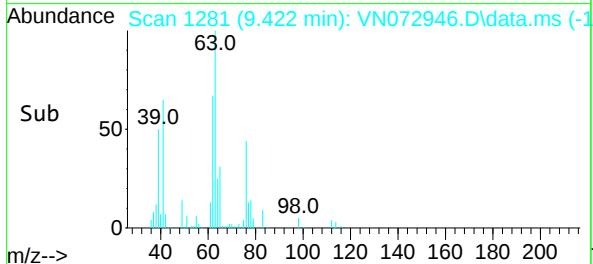
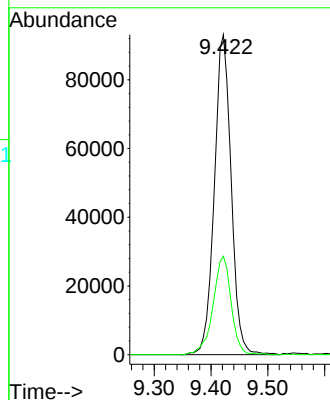
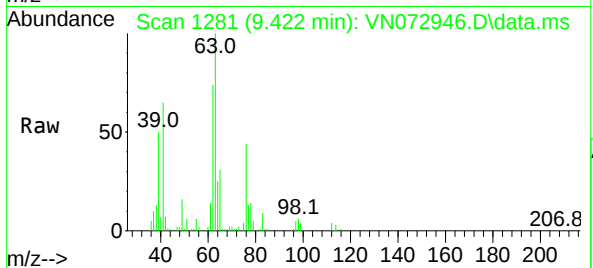
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#46

Dibromomethane

Concen: 49.166 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

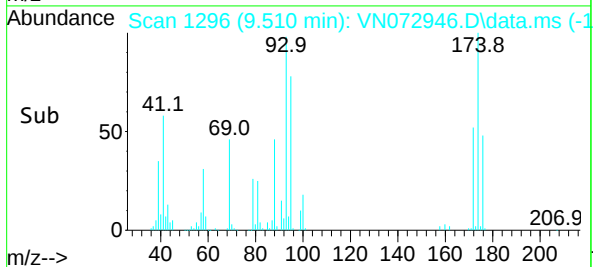
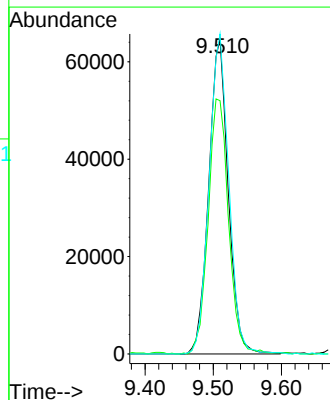
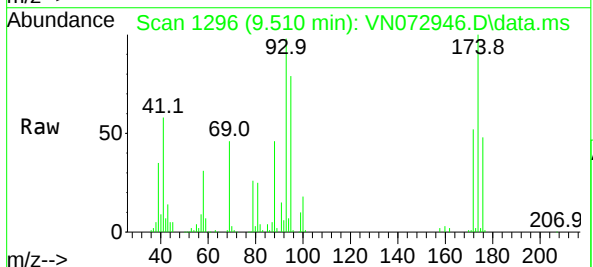
Tgt Ion: 93 Resp: 128943

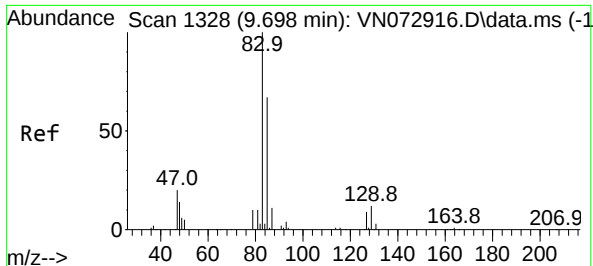
Ion Ratio Lower Upper

93 100

95 84.6 66.9 100.3

174 102.6 86.6 130.0





#47

Bromodichloromethane

Concen: 51.704 ug/l

RT: 9.692 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072946.D

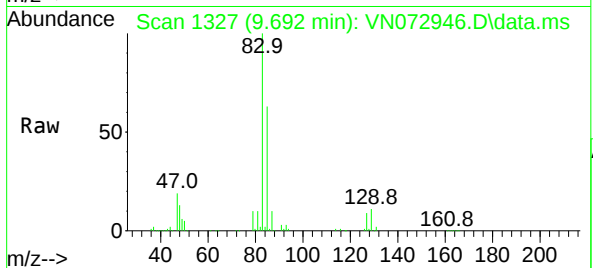
Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 269489

Ion Ratio Lower Upper

83 100

85 63.4 50.5 75.7

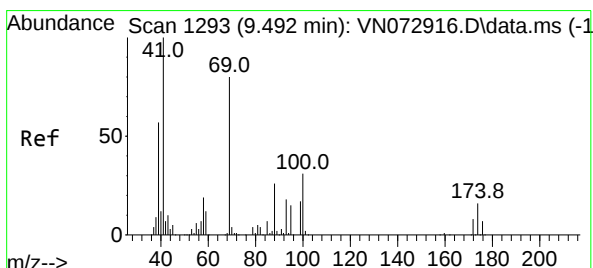
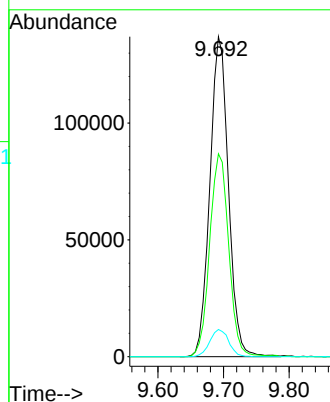
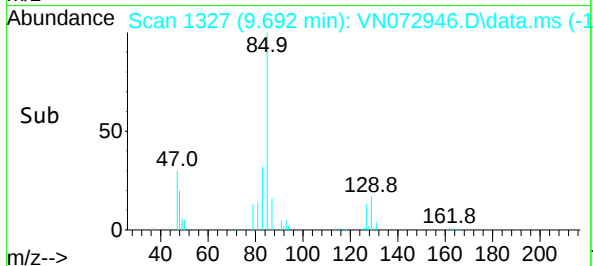
127 8.5 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#48

Methyl methacrylate

Concen: 46.525 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

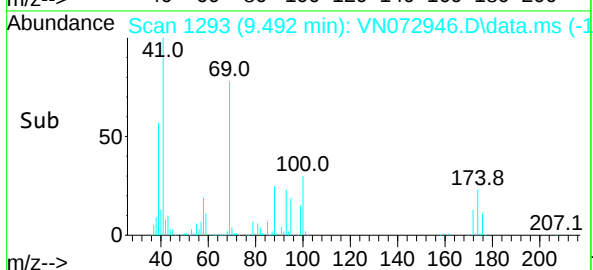
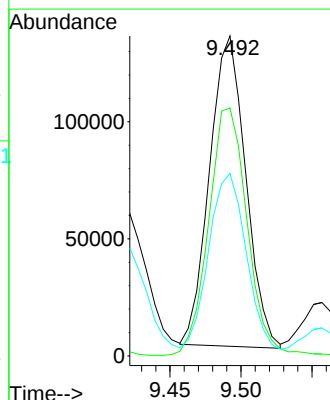
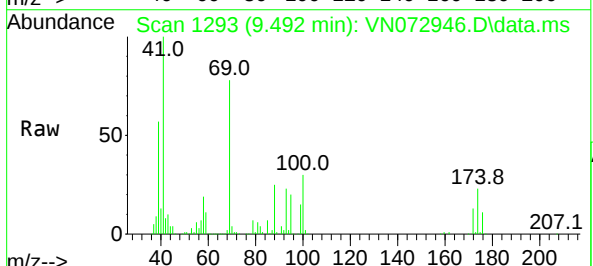
Tgt Ion: 41 Resp: 234497

Ion Ratio Lower Upper

41 100

69 85.0 74.7 112.1

39 62.8 45.6 68.4





#49

1,4-Dioxane

Concen: 748.794 ug/l

RT: 9.498 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 84919

Ion Ratio Lower Upper

88 100

43 33.1 20.2 30.4

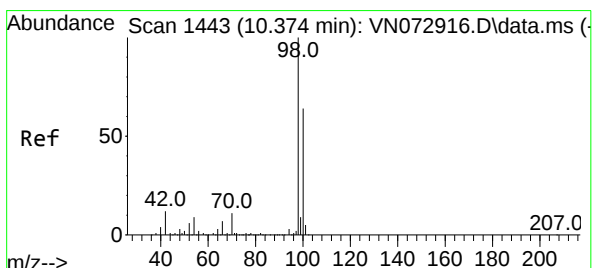
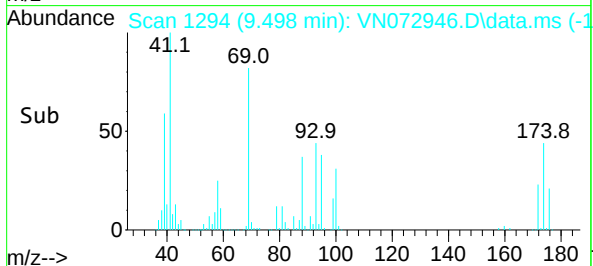
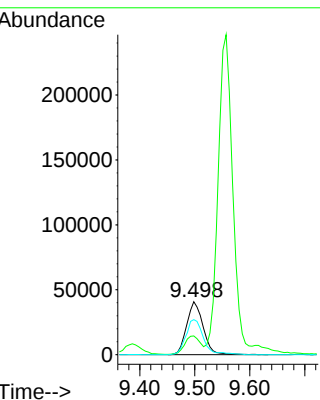
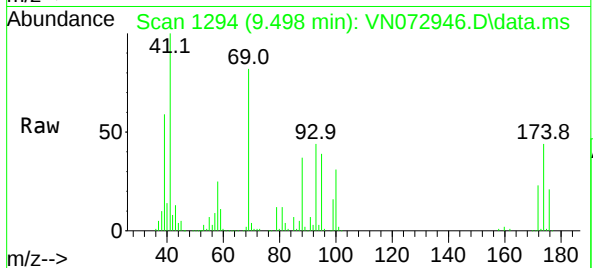
58 70.6 54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#50

Toluene-d8

Concen: 51.539 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN072946.D

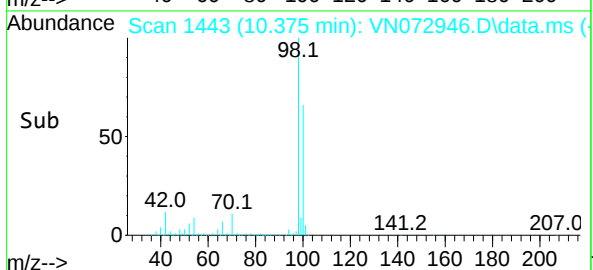
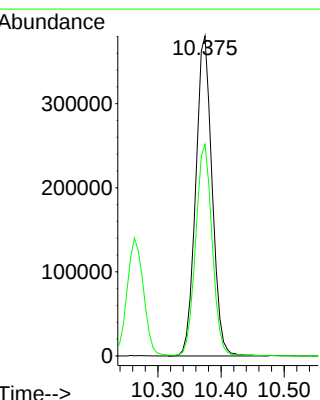
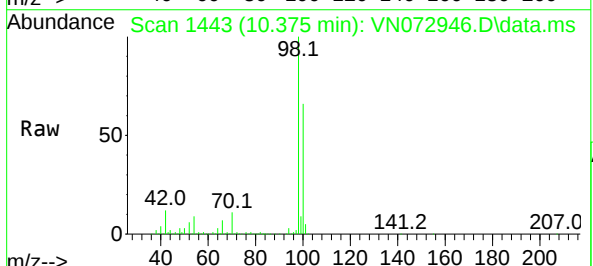
Acq: 20 Jun 2022 08:22

Tgt Ion: 98 Resp: 684309

Ion Ratio Lower Upper

98 100

100 67.0 52.6 78.8





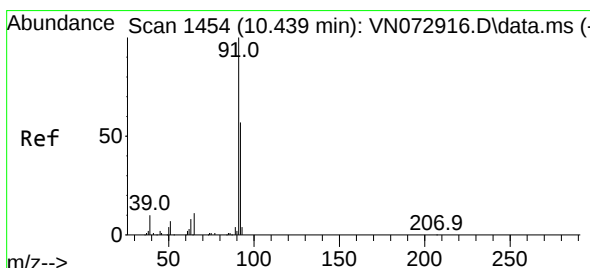
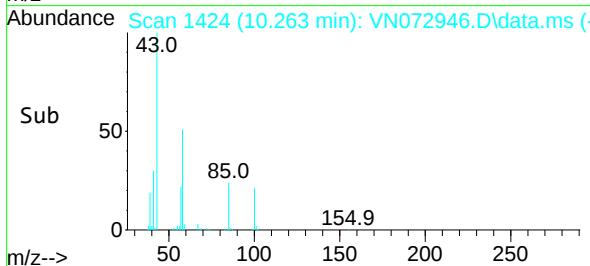
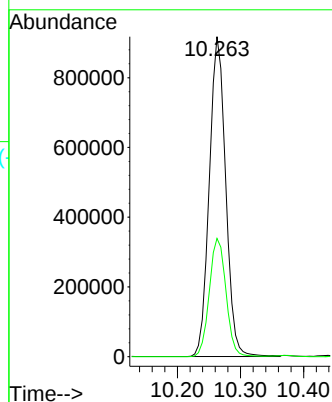
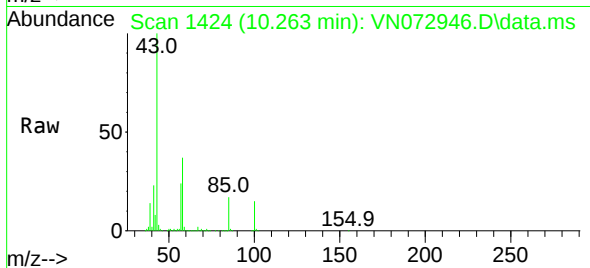
#51
4-Methyl-2-Pentanone
Concen: 230.248 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 165752
Ion Ratio Lower Upper
43 100
58 37.6 34.1 51.1

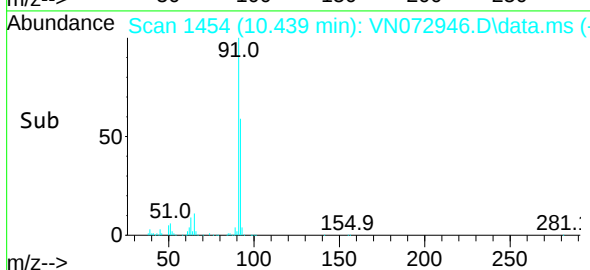
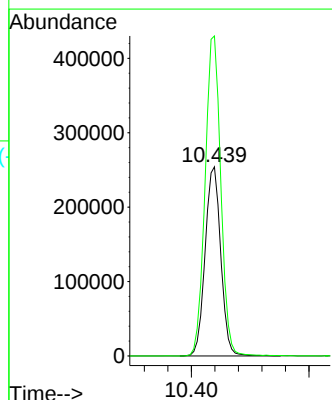
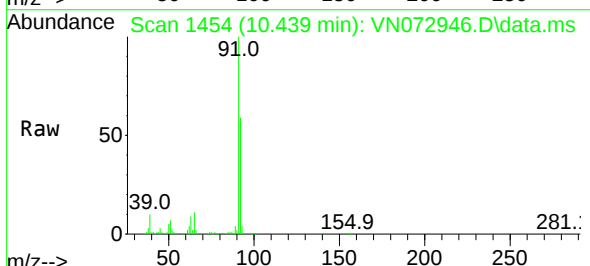
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#52
Toluene
Concen: 50.283 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

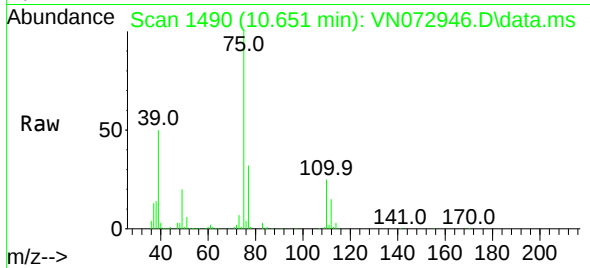
Tgt Ion: 92 Resp: 468436
Ion Ratio Lower Upper
92 100
91 169.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.845 ug/l
RT: 10.651 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

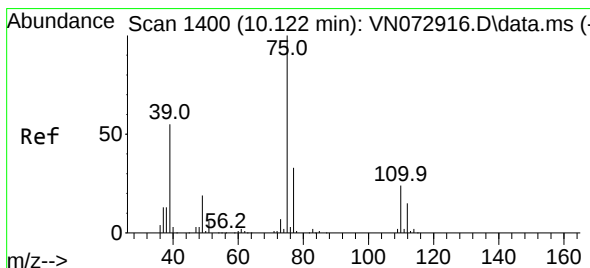
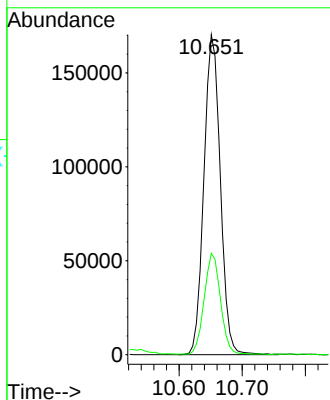
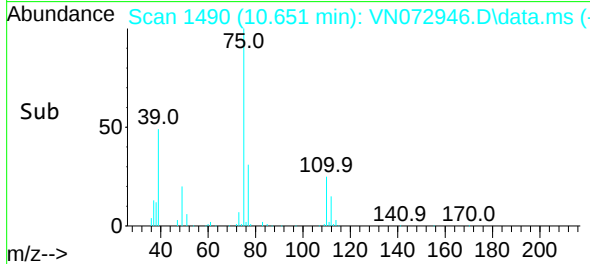
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 307427
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

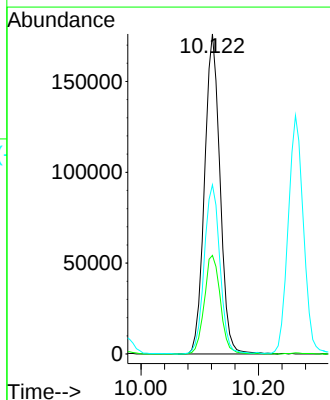
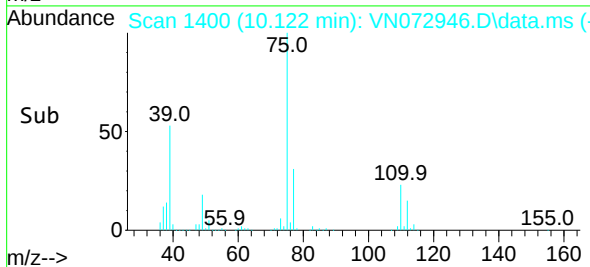
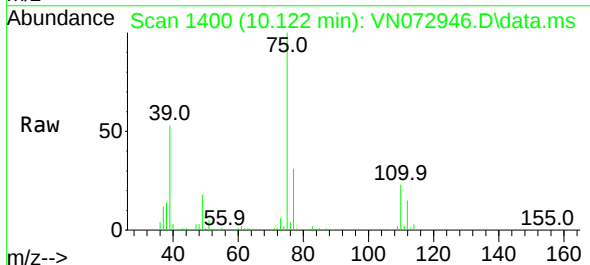
Manual Integrations
APPROVED

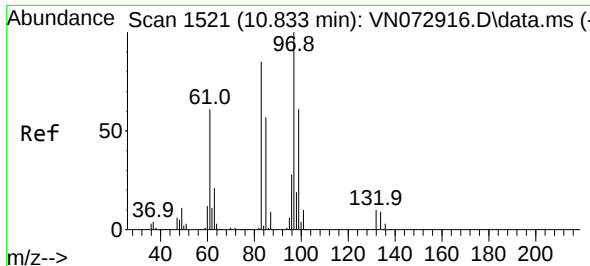
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#54
cis-1,3-Dichloropropene
Concen: 52.651 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

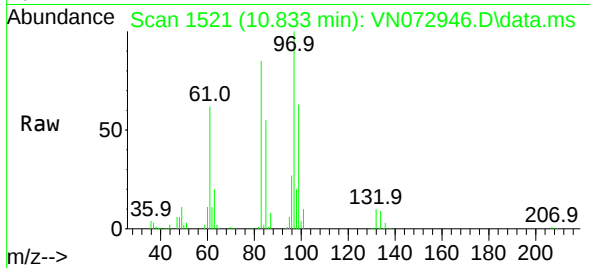
Tgt Ion: 75 Resp: 322368
Ion Ratio Lower Upper
75 100
77 30.8 25.2 37.8
39 52.9 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 47.473 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

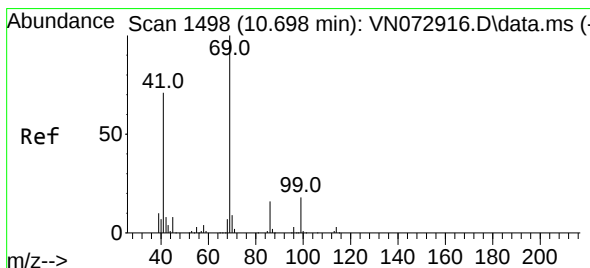
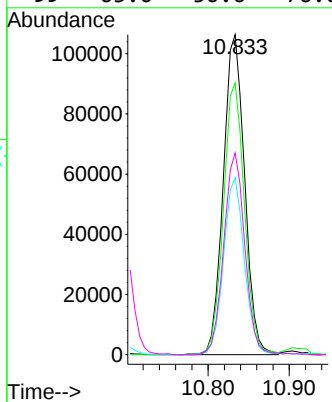
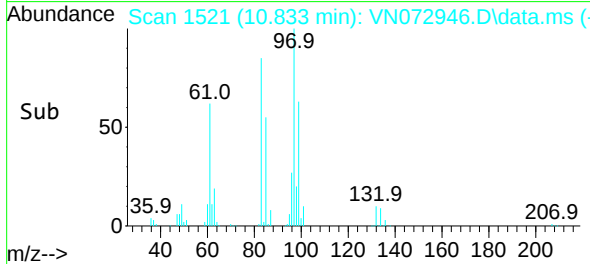
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



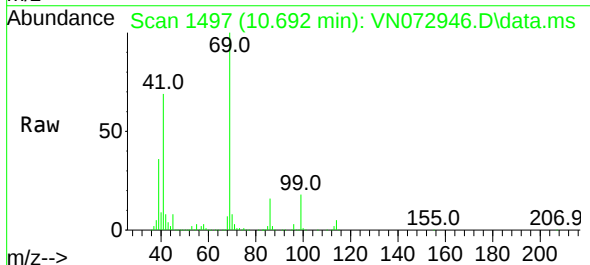
Tgt Ion: 97 Resp: 194188
Ion Ratio Lower Upper
97 100
83 85.0 66.2 99.4
85 55.2 43.9 65.9
99 63.0 50.6 76.0

Manual Integrations
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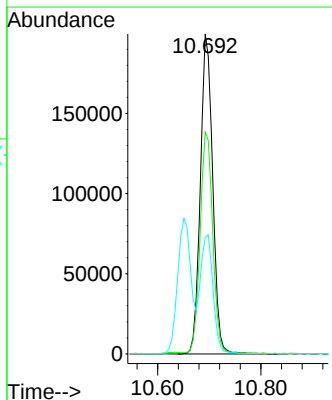
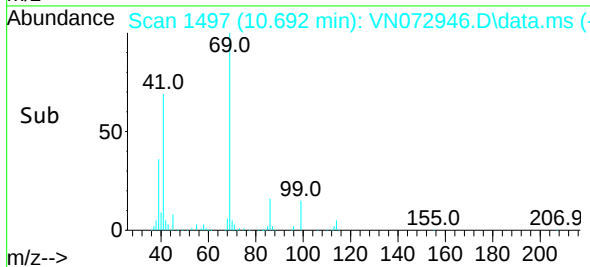
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

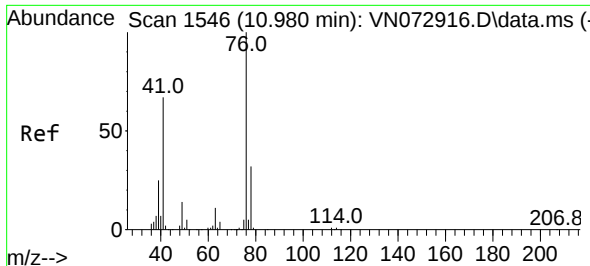


#56
Ethyl methacrylate
Concen: 50.286 ug/l
RT: 10.692 min Scan# 1497
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



Tgt Ion: 69 Resp: 329691
Ion Ratio Lower Upper
69 100
41 71.0 47.8 71.6
39 37.8 27.3 40.9





#57

1,3-Dichloropropane

Concen: 48.682 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN072946.D

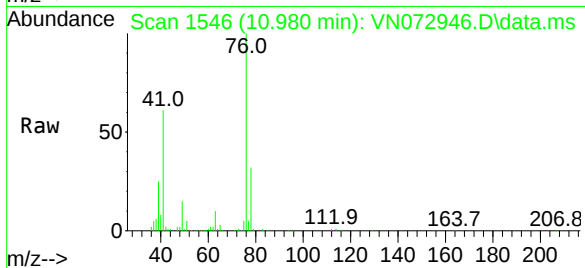
Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 330370

Ion Ratio Lower Upper

76 100

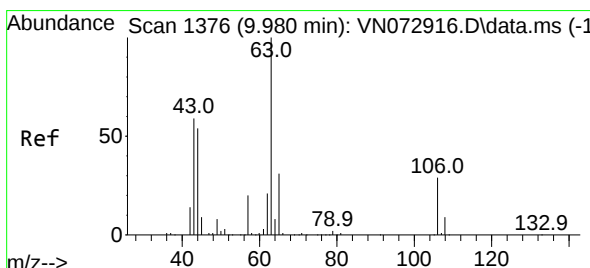
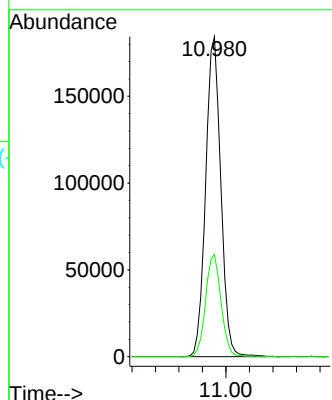
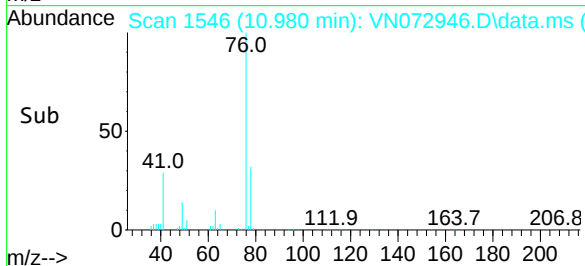
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 253.743 ug/l

RT: 9.975 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VN072946.D

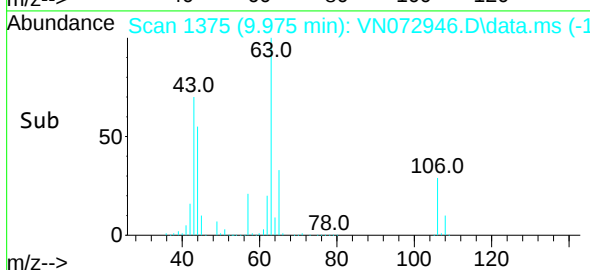
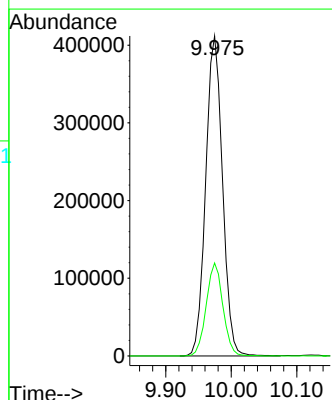
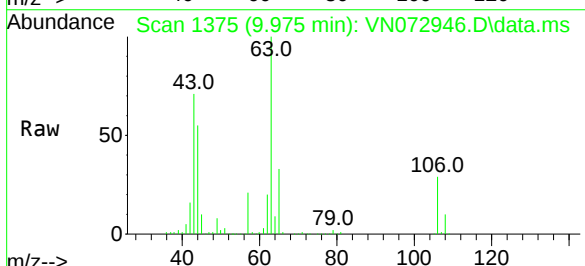
Acq: 20 Jun 2022 08:22

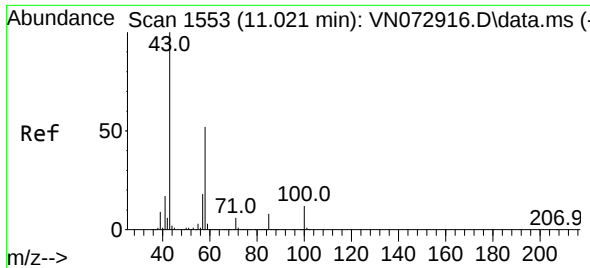
Tgt Ion: 63 Resp: 734483

Ion Ratio Lower Upper

63 100

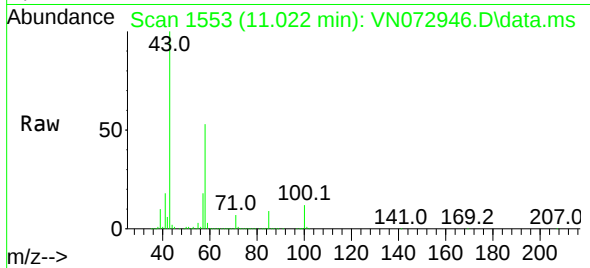
106 28.8 24.6 36.8





#59
2-Hexanone
Concen: 225.729 ug/l
RT: 11.022 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

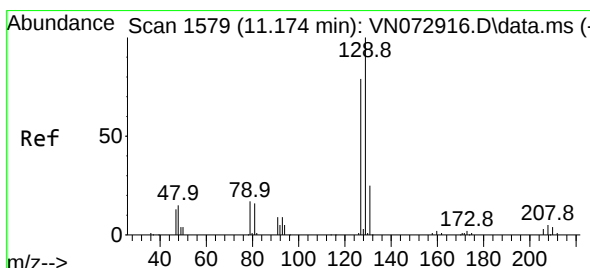
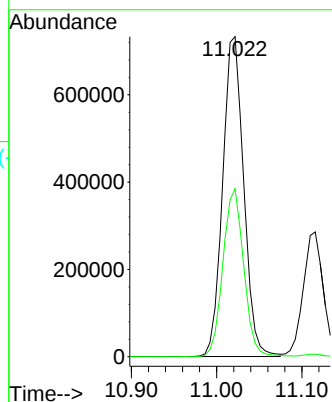
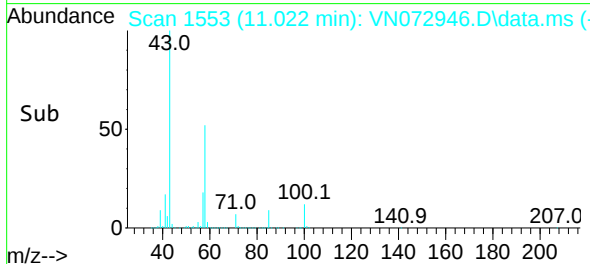
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



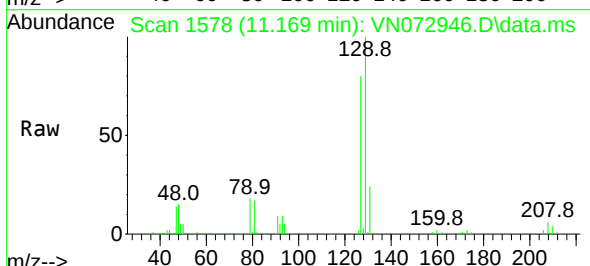
Tgt Ion: 43 Resp: 125684
Ion Ratio Lower Upper
43 100
58 51.9 29.7 89.1

Manual Integrations
APPROVED

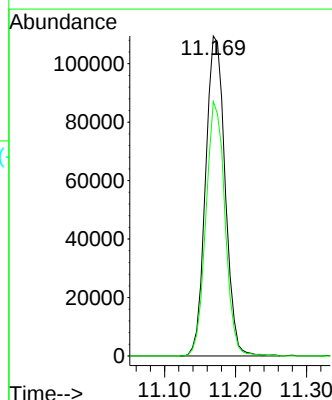
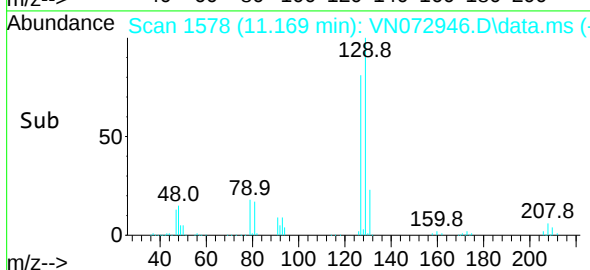
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

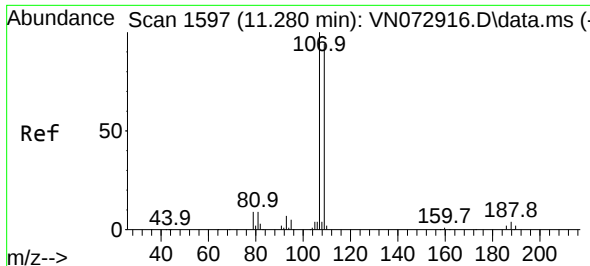


#60
Dibromochloromethane
Concen: 54.043 ug/l
RT: 11.169 min Scan# 1578
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



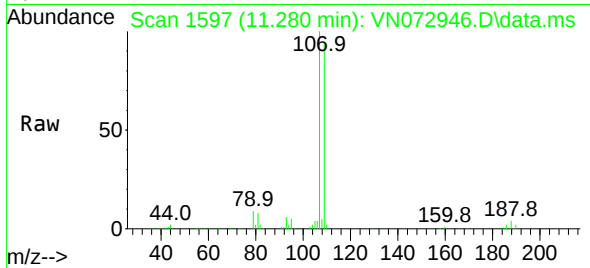
Tgt Ion:129 Resp: 208923
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.786 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

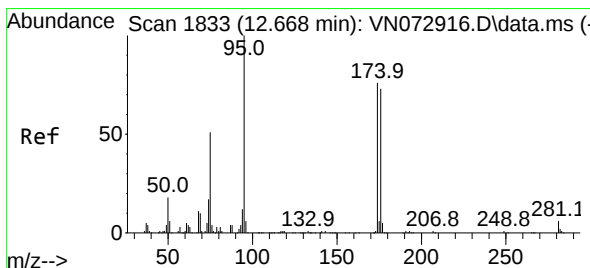
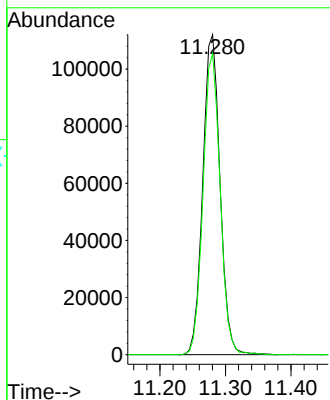
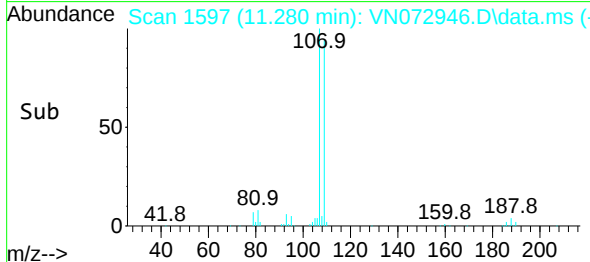
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 204798
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6

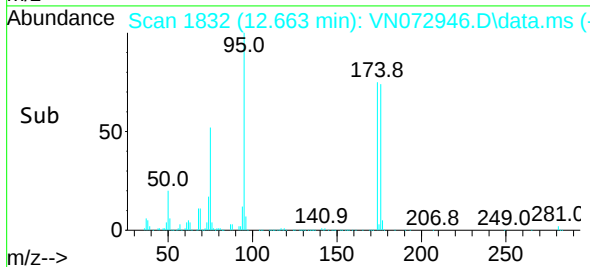
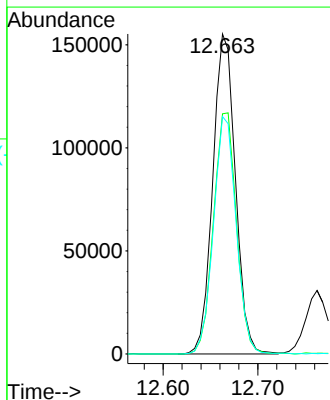
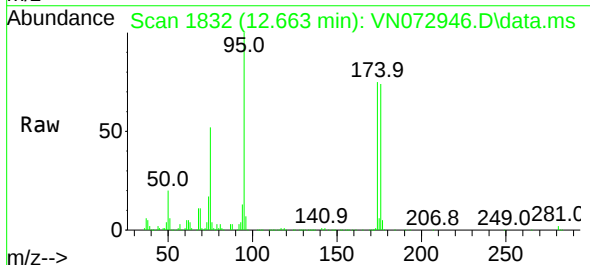
Manual Integrations
APPROVED

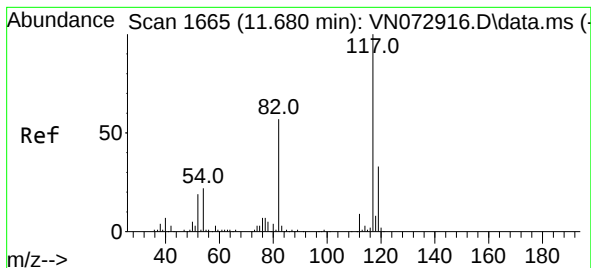
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#62
4-Bromofluorobenzene
Concen: 53.971 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

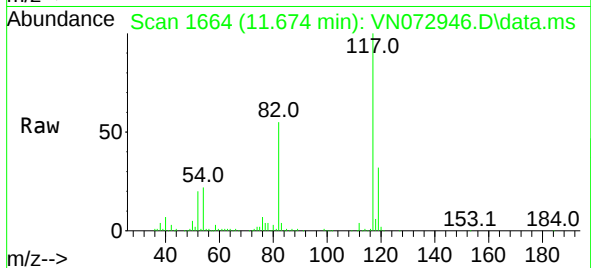
Tgt Ion: 95 Resp: 257681
Ion Ratio Lower Upper
95 100
174 76.7 0.0 167.6
176 74.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.674 min Scan# 1166
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

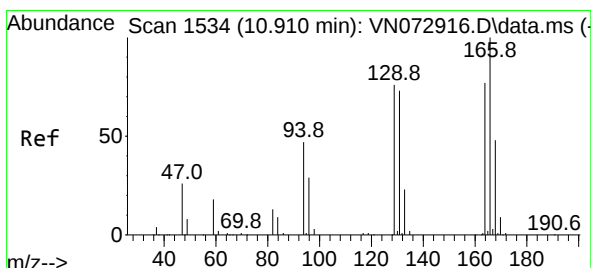
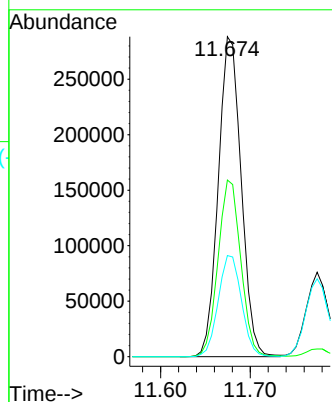
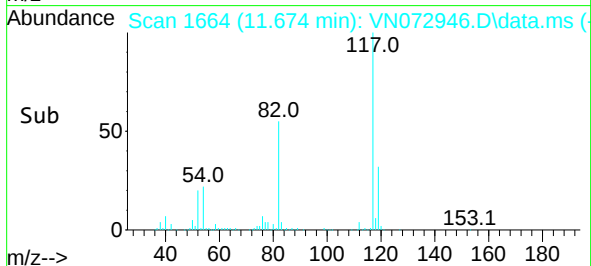
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 510615
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.6 25.4 38.0

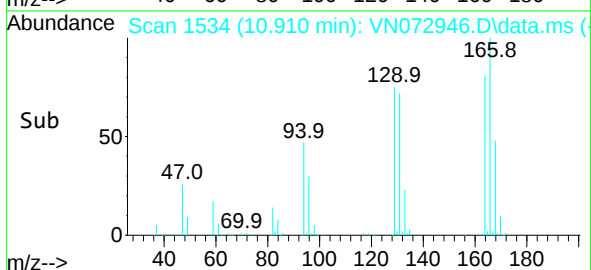
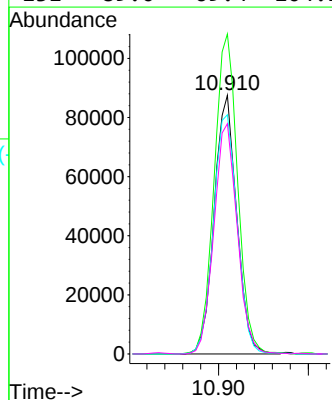
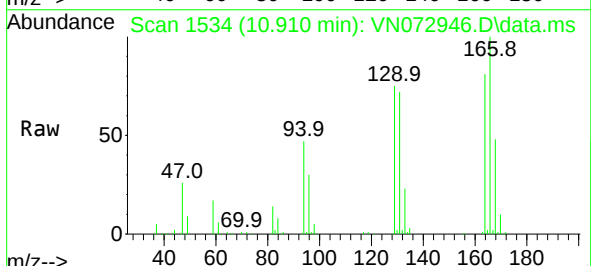
Manual Integrations
APPROVED

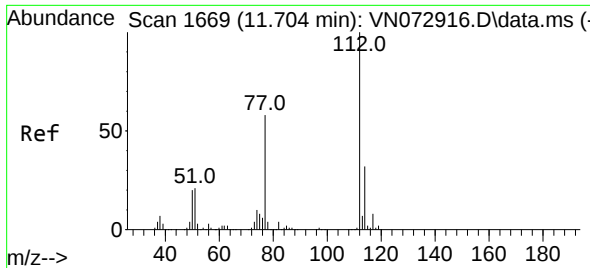
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#64
Tetrachloroethene
Concen: 49.268 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

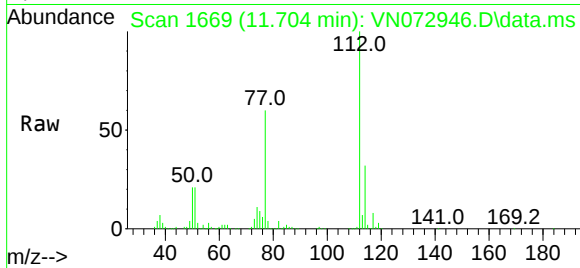
Tgt Ion:164 Resp: 153041
Ion Ratio Lower Upper
164 100
166 123.7 104.2 156.2
129 92.5 73.9 110.9
131 89.0 69.4 104.2





#65
Chlorobenzene
Concen: 49.824 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

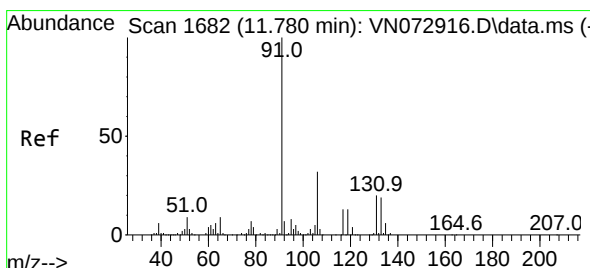
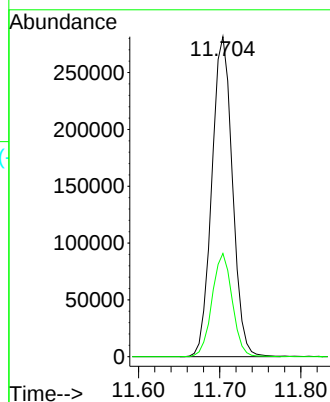
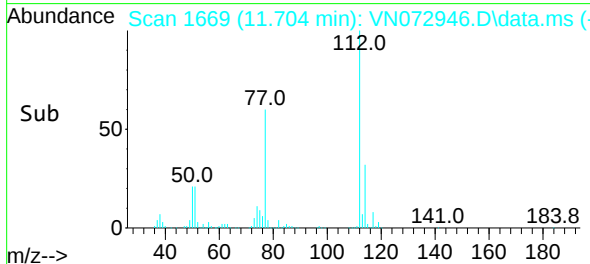
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



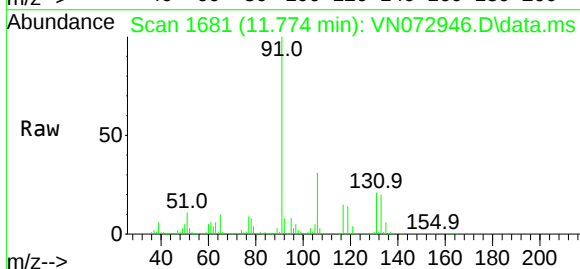
Tgt Ion:112 Resp: 496840
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
APPROVED

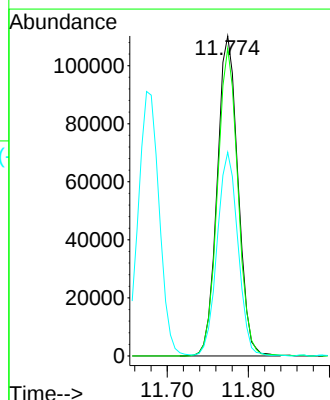
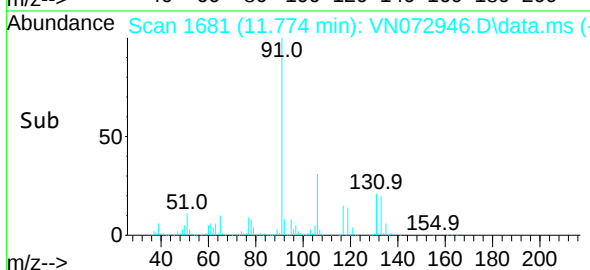
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

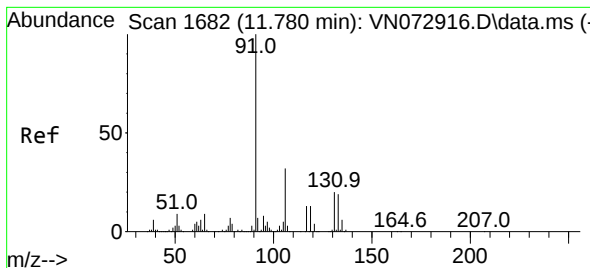


#66
1,1,1,2-Tetrachloroethane
Concen: 51.686 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



Tgt Ion:131 Resp: 196174
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 63.9 33.4 100.2





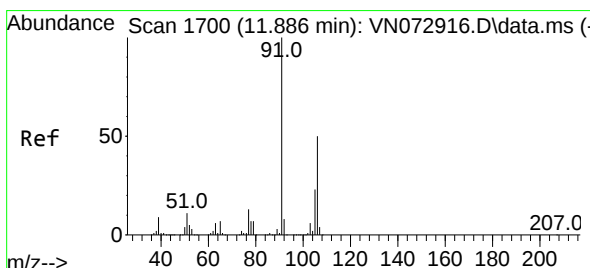
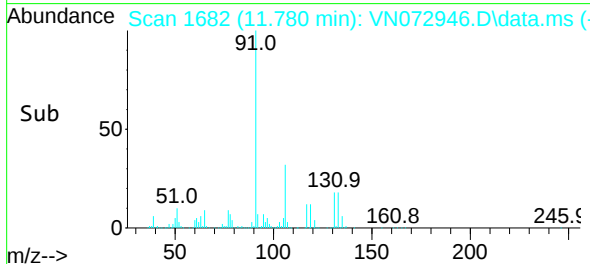
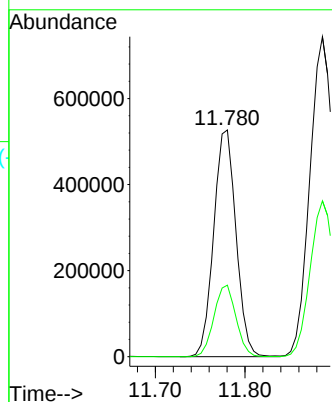
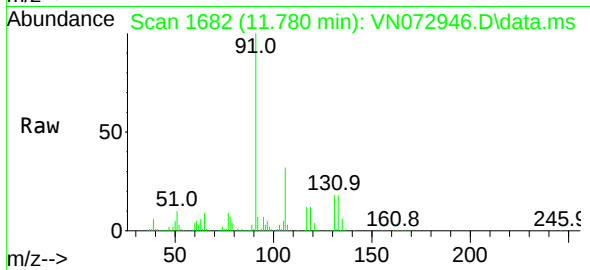
#67
Ethyl Benzene
Concen: 51.865 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 91045
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

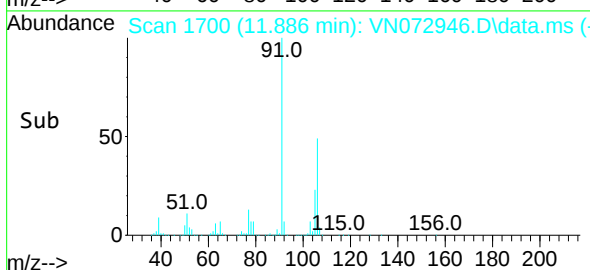
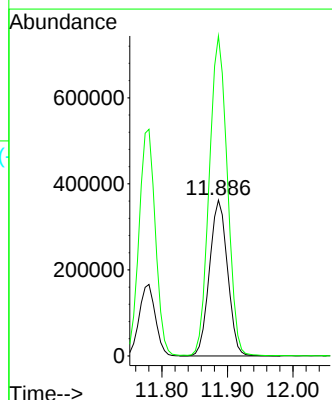
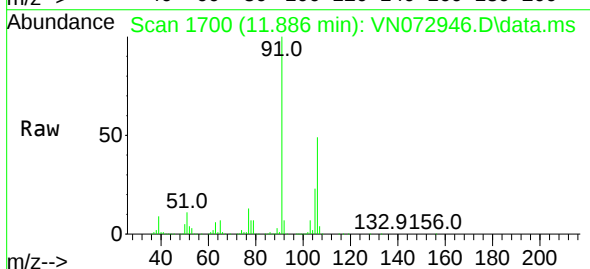
Manual Integrations
APPROVED

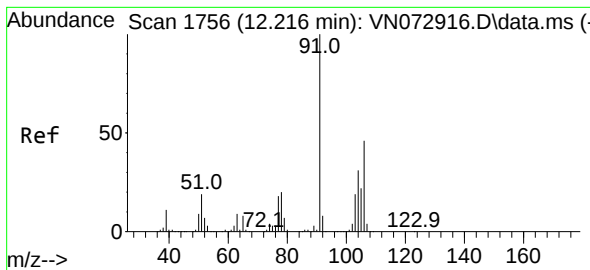
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#68
m/p-Xylenes
Concen: 100.724 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Tgt Ion:106 Resp: 693499
Ion Ratio Lower Upper
106 100
91 204.9 158.9 238.3





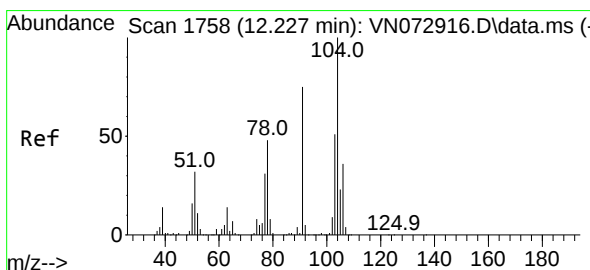
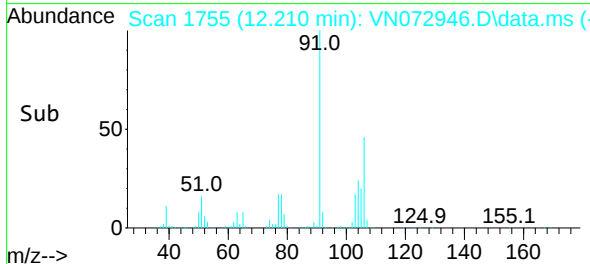
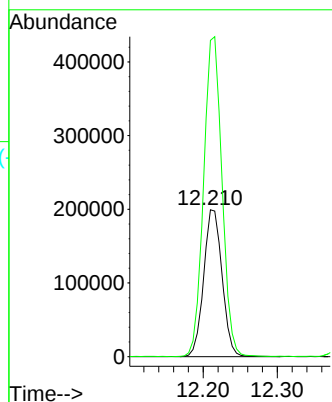
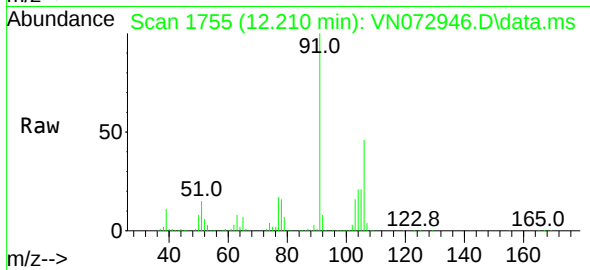
#69
o-Xylene
Concen: 50.083 ug/l
RT: 12.210 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 344560
Ion Ratio Lower Upper
106 100
91 217.7 106.0 318.0

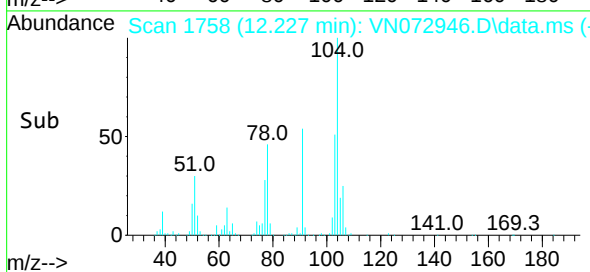
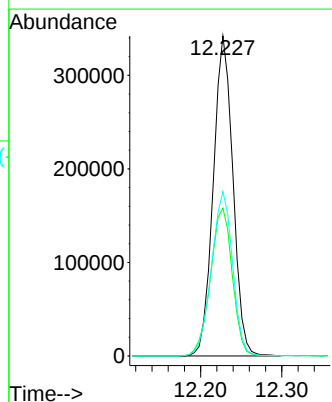
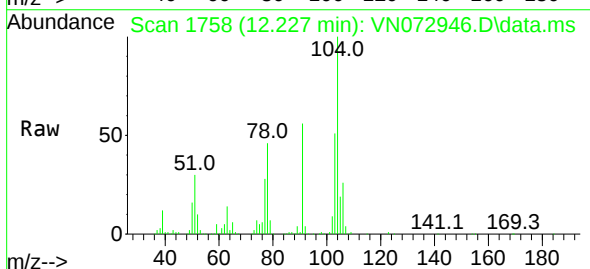
Manual Integrations
APPROVED

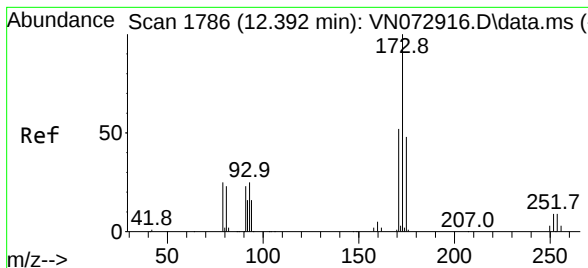
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#70
Styrene
Concen: 52.153 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

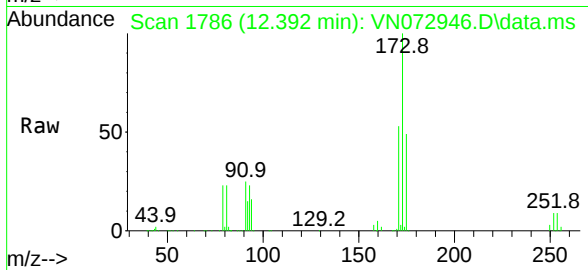
Tgt Ion:104 Resp: 576209
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 55.206 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

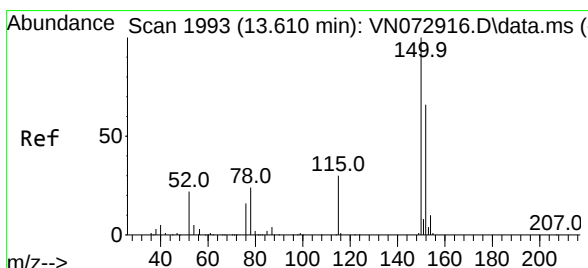
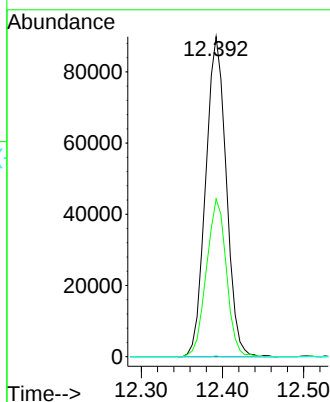
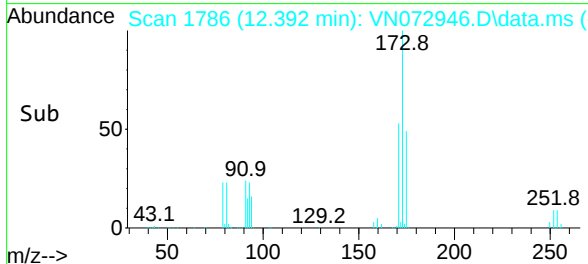
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



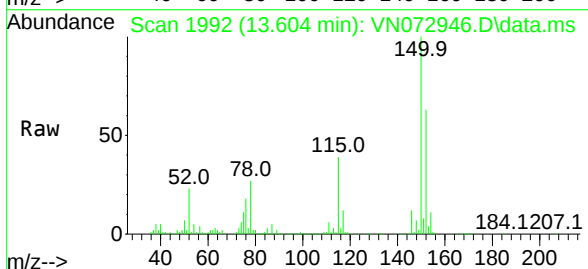
Tgt Ion:173 Resp: 157989
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
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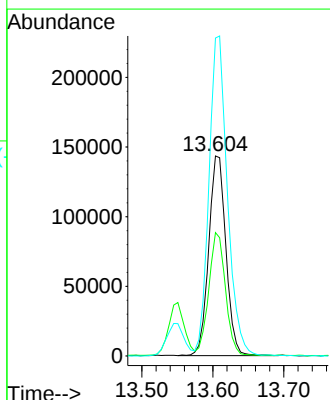
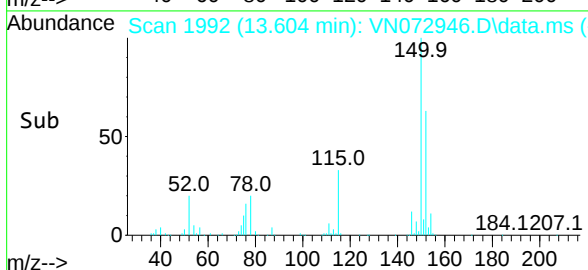
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

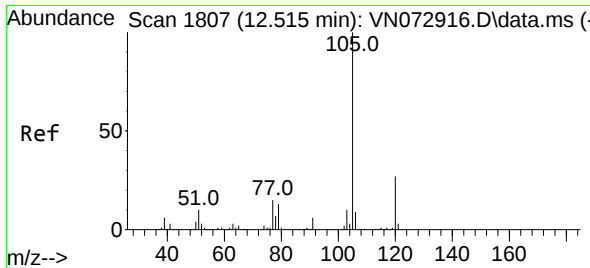


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.604 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



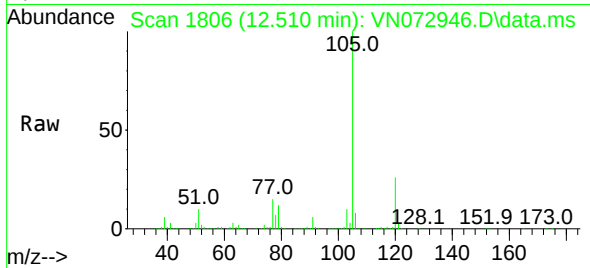
Tgt Ion:152 Resp: 240928
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.7
150 172.4 0.0 356.2





#73
Isopropylbenzene
Concen: 49.434 ug/l
RT: 12.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

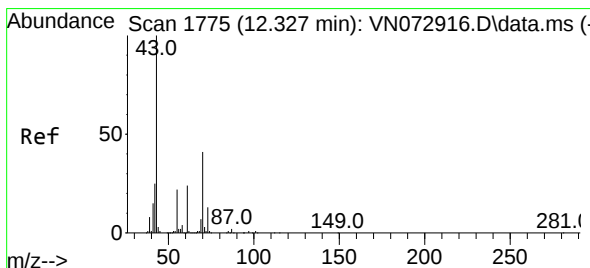
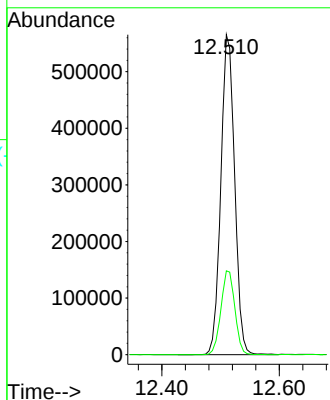
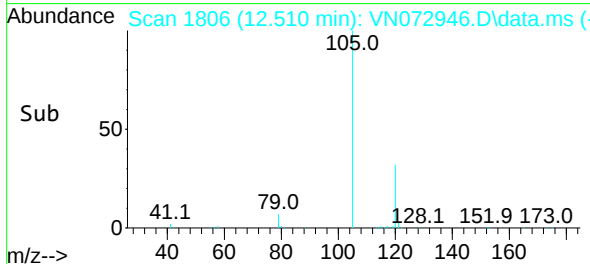
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



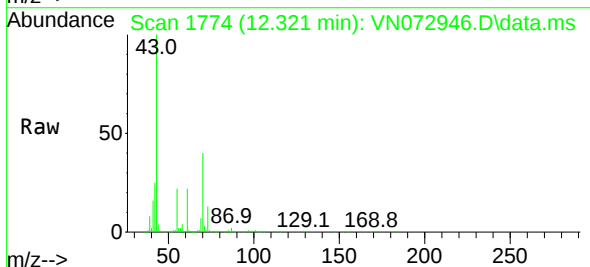
Tgt Ion:105 Resp: 92138
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

Manual Integrations
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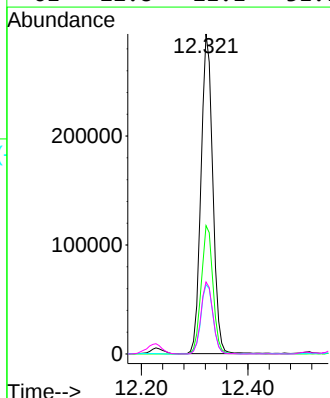
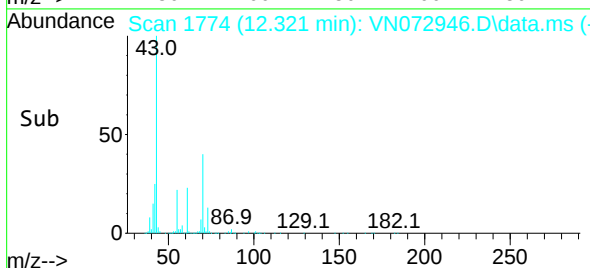
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

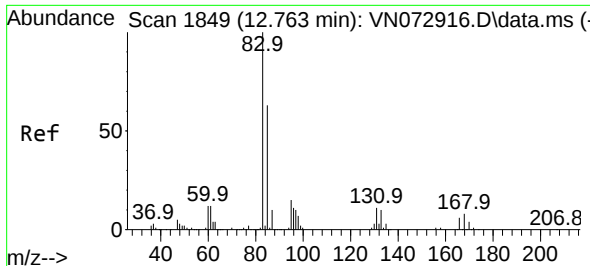


#74
N-ethyl acetate
Concen: 46.427 ug/l
RT: 12.321 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



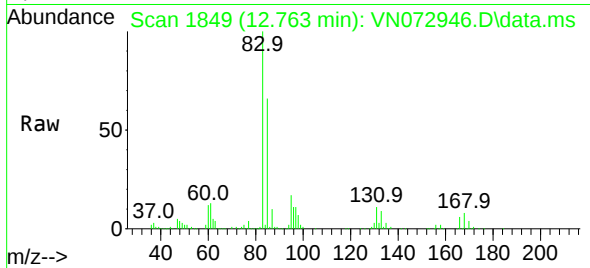
Tgt Ion: 43 Resp: 449056
Ion Ratio Lower Upper
43 100
70 40.0 39.0 58.4
55 22.4 21.1 31.7
61 22.8 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.033 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

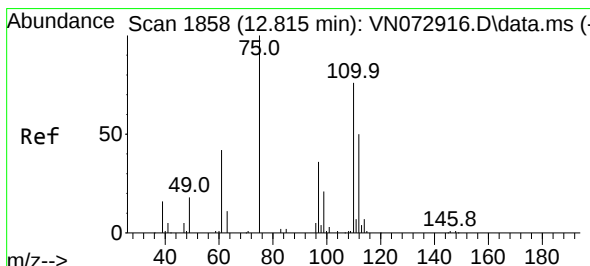
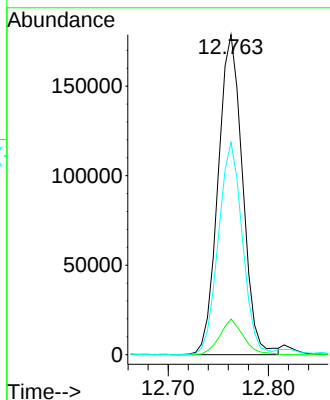
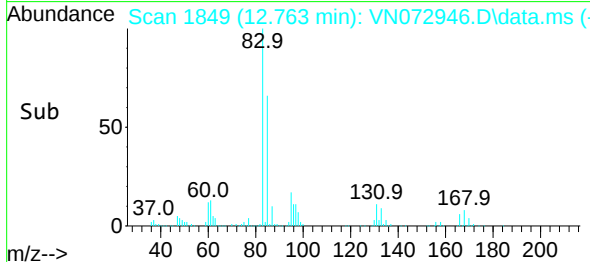
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



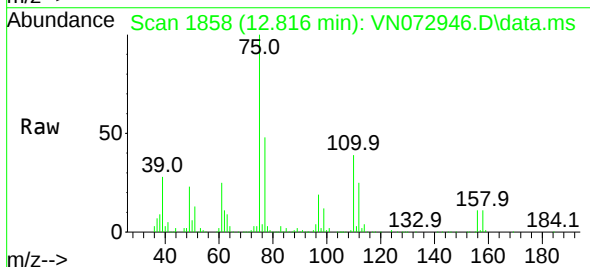
Tgt Ion: 83 Resp: 302284
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 65.1 32.3 96.9

Manual Integrations
APPROVED

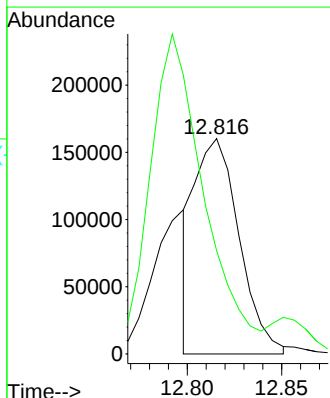
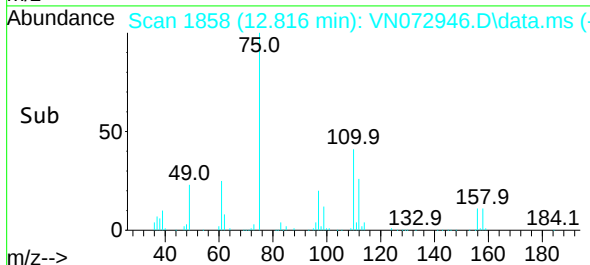
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#76
1,2,3-Trichloropropane
Concen: 45.025 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



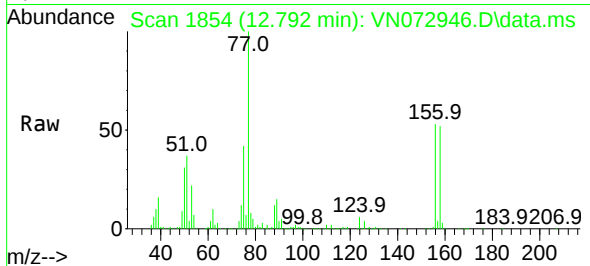
Tgt Ion: 75 Resp: 263004
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 47.731 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

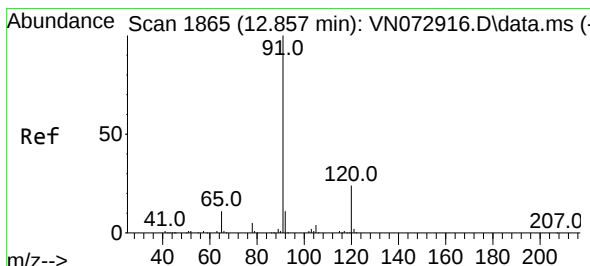
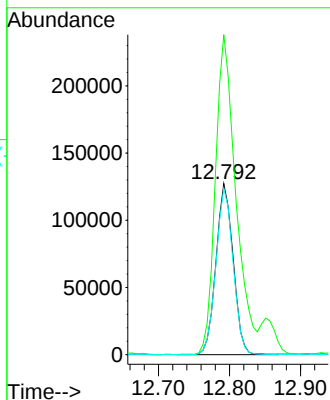
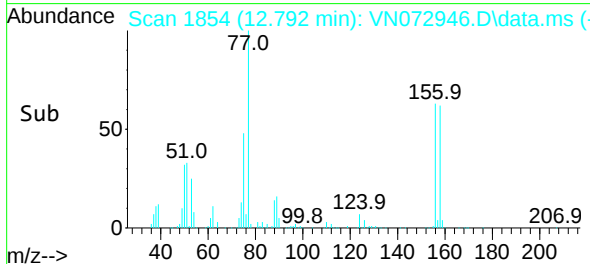
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



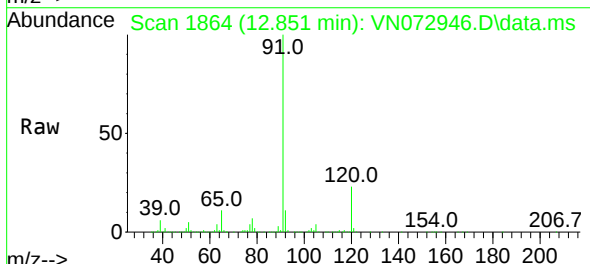
Tgt Ion:156 Resp: 21313
Ion Ratio Lower Upper
156 100
77 223.1 100.5 301.5
158 97.3 48.9 146.6

Manual Integrations
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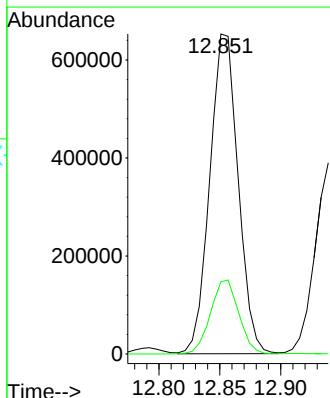
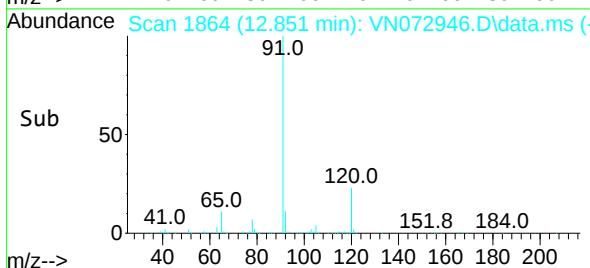
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

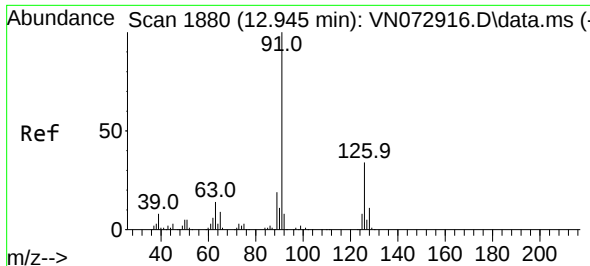


#78
n-propylbenzene
Concen: 51.547 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



Tgt Ion: 91 Resp: 1056796
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





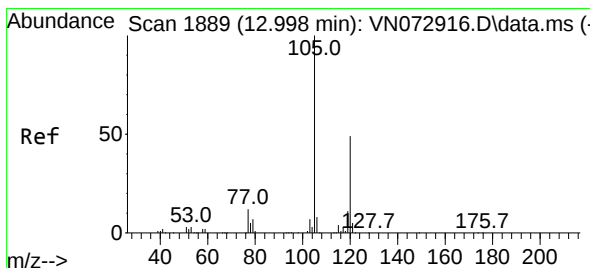
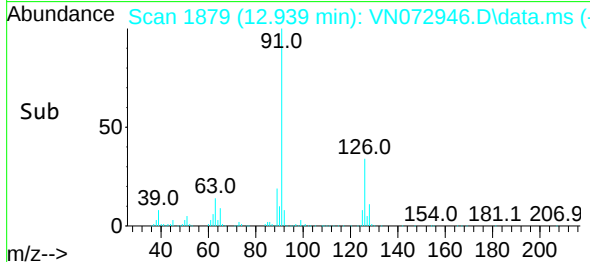
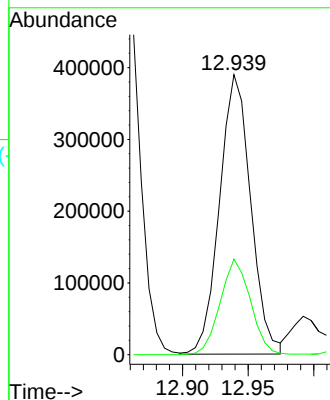
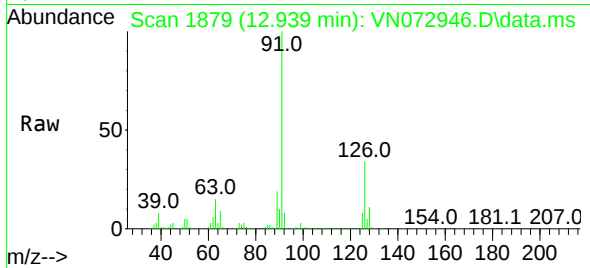
#79
2-Chlorotoluene
Concen: 48.549 ug/l
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 644534
Ion Ratio Lower Upper
91 100
126 33.2 17.3 51.9

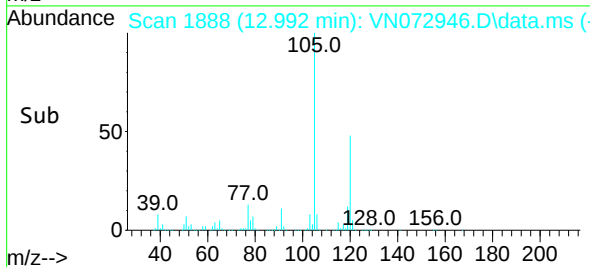
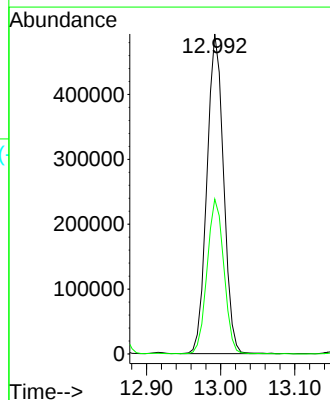
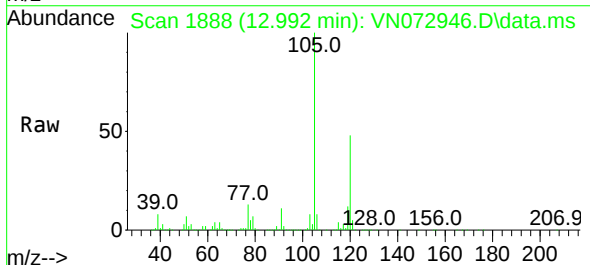
Manual Integrations
APPROVED

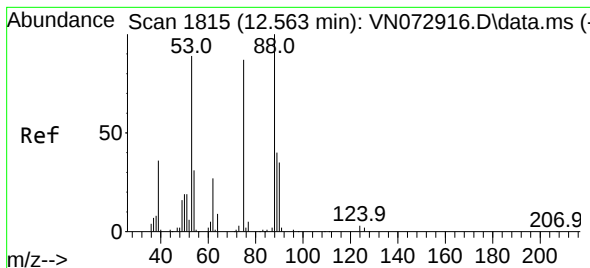
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.143 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

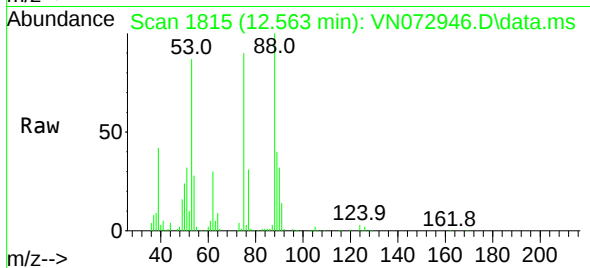
Tgt Ion:105 Resp: 767695
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.837 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

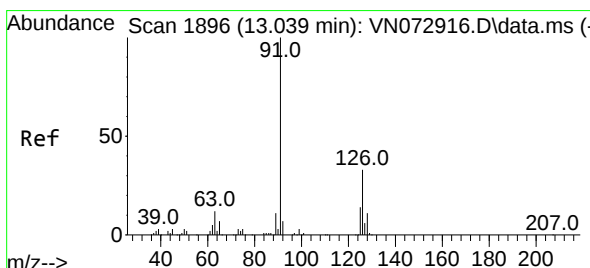
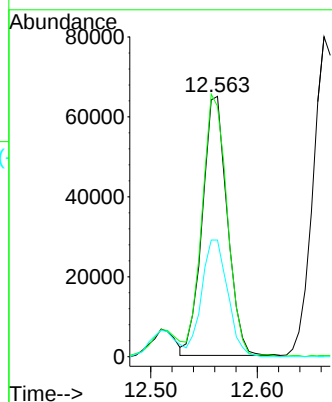
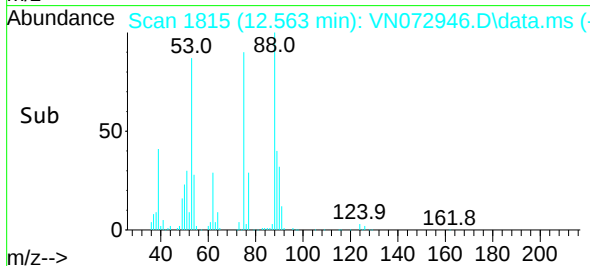
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



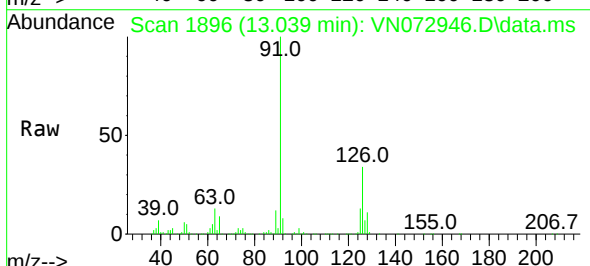
Tgt Ion: 75 Resp: 10563
Ion Ratio Lower Upper
75 100
53 101.7 78.0 117.0
89 46.8 37.2 55.8

Manual Integrations
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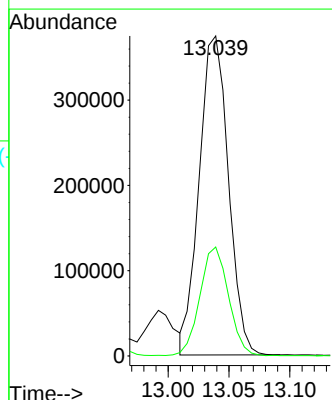
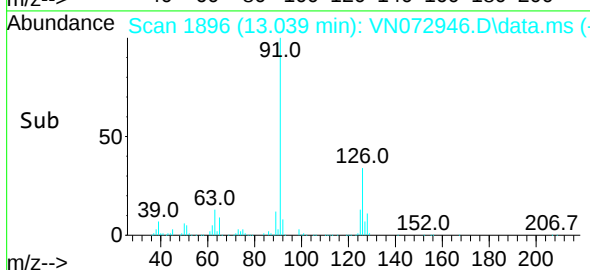
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

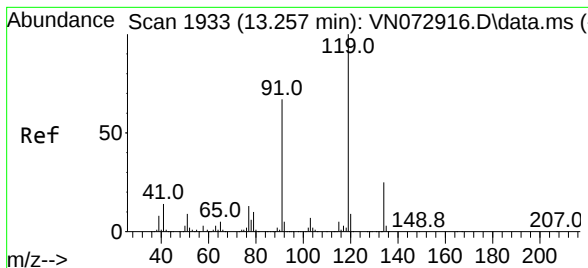


#82
4-Chlorotoluene
Concen: 49.711 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



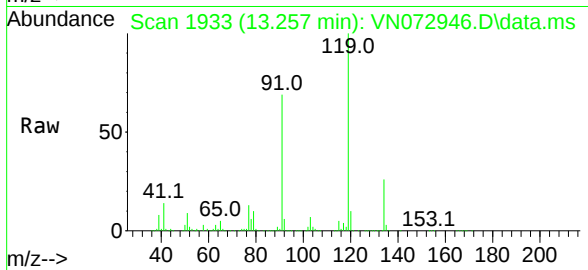
Tgt Ion: 91 Resp: 624416
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.348 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

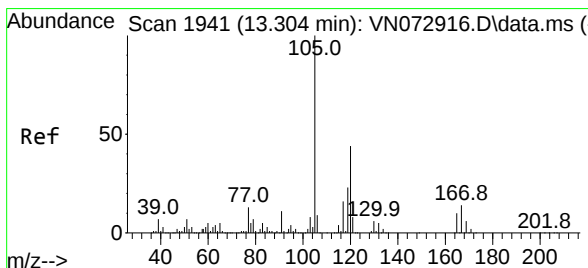
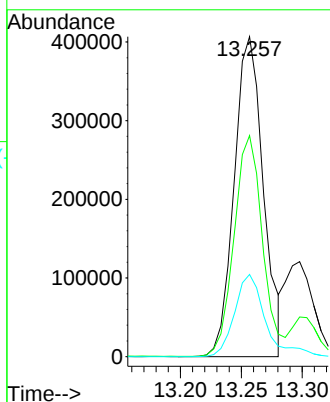
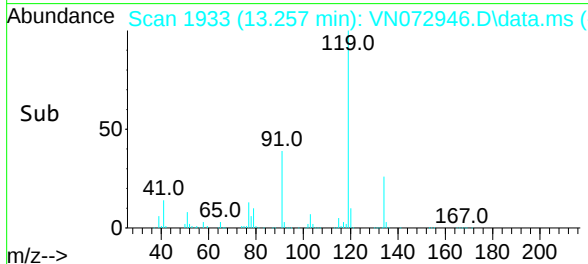
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



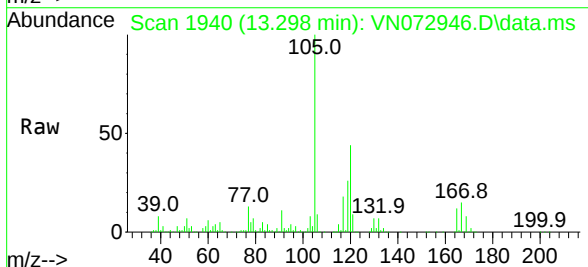
Tgt Ion:119 Resp: 677925
Ion Ratio Lower Upper
119 100
91 67.6 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
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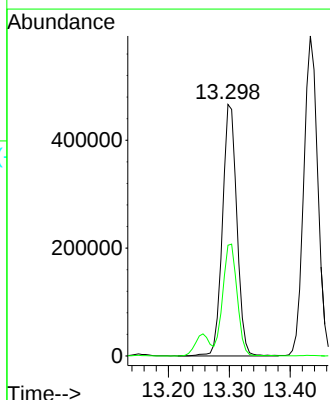
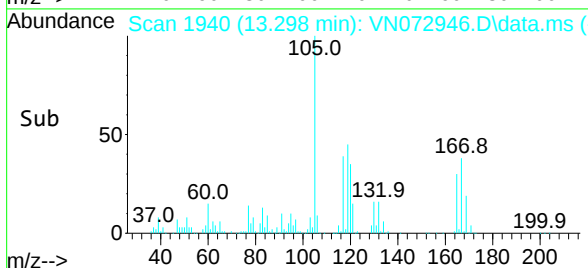
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

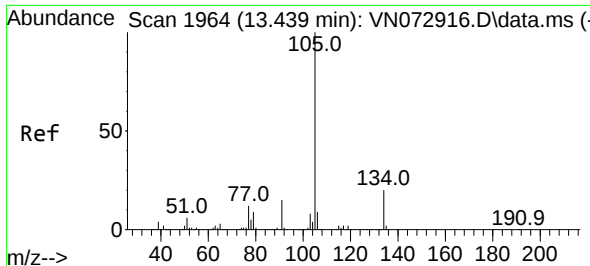


#84
1,2,4-Trimethylbenzene
Concen: 50.215 ug/l
RT: 13.298 min Scan# 1940
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



Tgt Ion:105 Resp: 765747
Ion Ratio Lower Upper
105 100
120 44.4 23.3 69.8





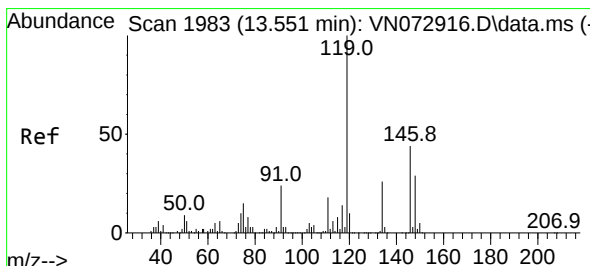
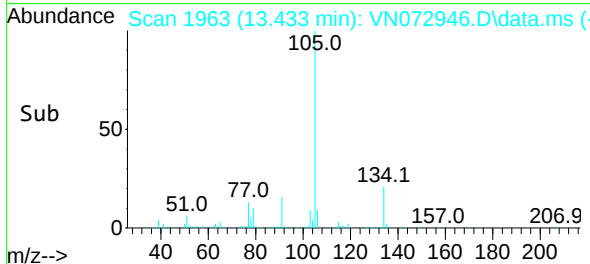
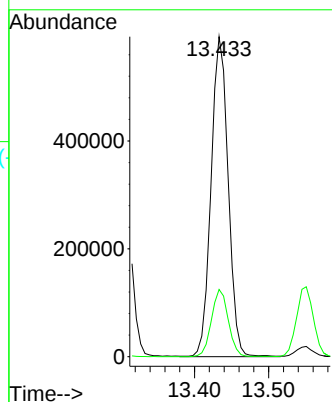
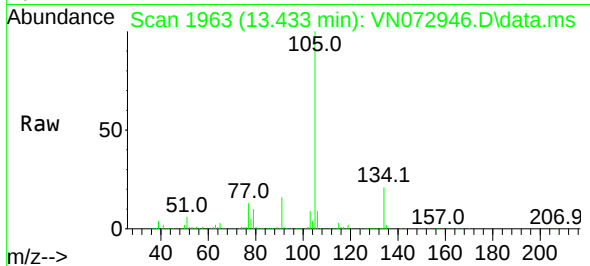
#85
 sec-Butylbenzene
 Concen: 50.794 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN072946.D
 Acq: 20 Jun 2022 08:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 950093
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

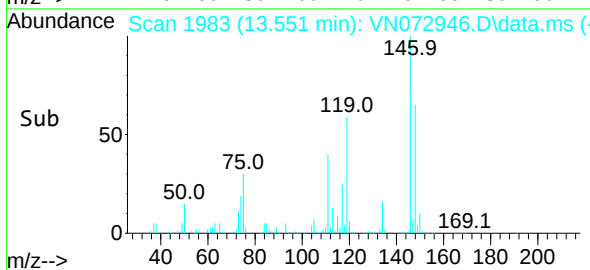
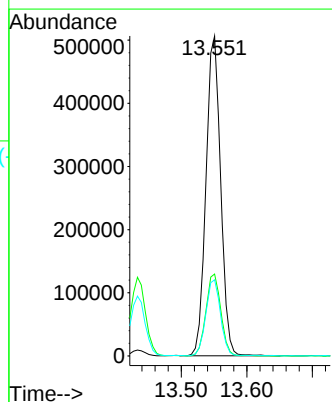
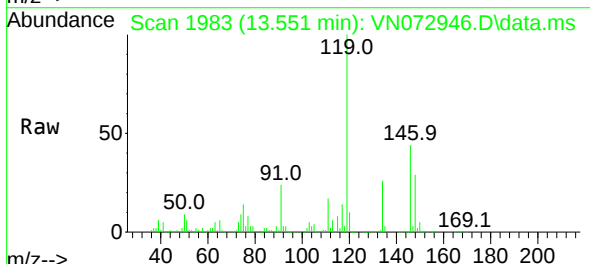
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/21/2022
 Supervised By :Mahesh Dadoda 06/21/2022



#86
 p-Isopropyltoluene
 Concen: 52.020 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072946.D
 Acq: 20 Jun 2022 08:22

Tgt Ion:119 Resp: 787783
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 23.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.461 ug/l

RT: 13.545 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 394290

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

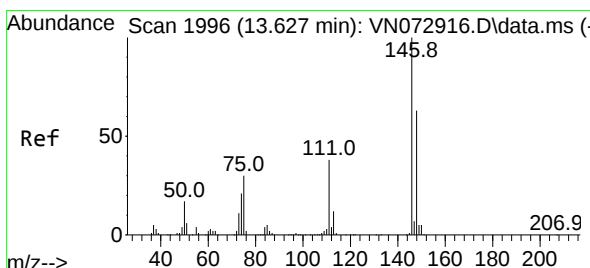
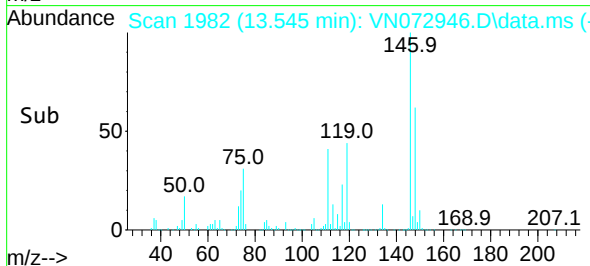
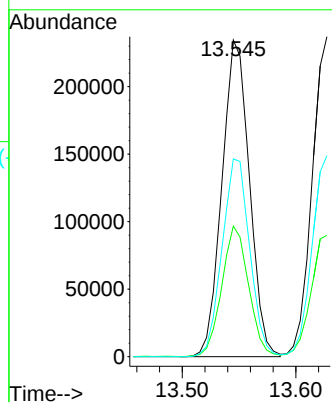
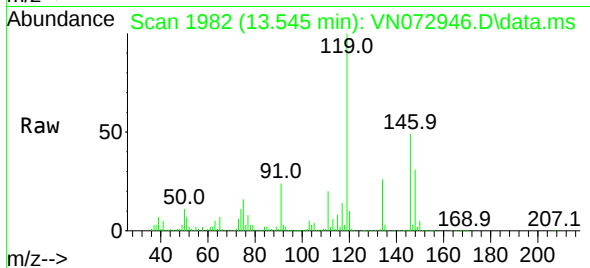
148 62.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#88

1,4-Dichlorobenzene

Concen: 49.396 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

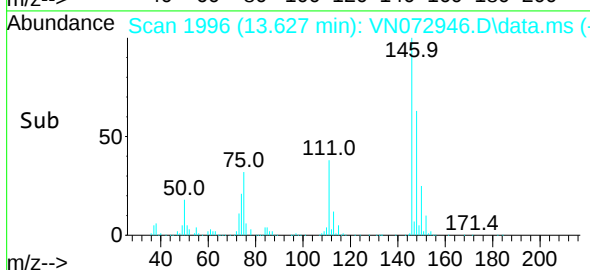
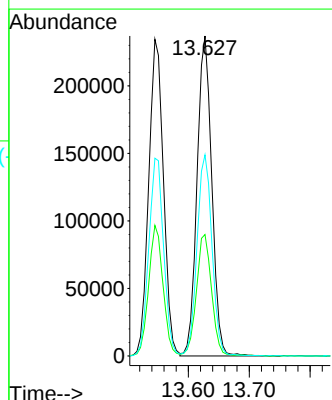
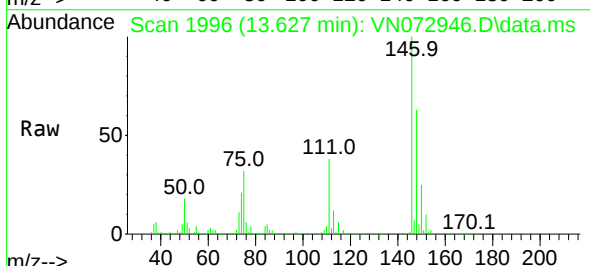
Tgt Ion:146 Resp: 398557

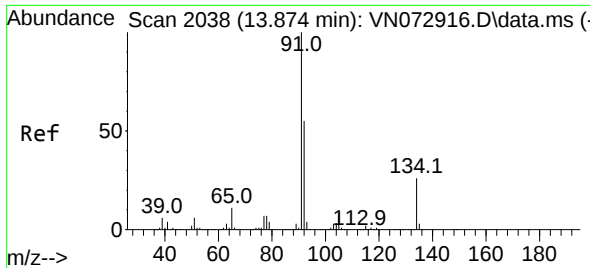
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 63.9 31.4 94.3





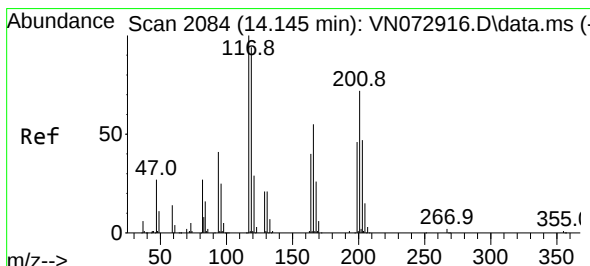
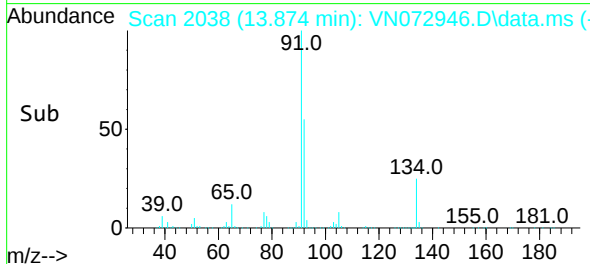
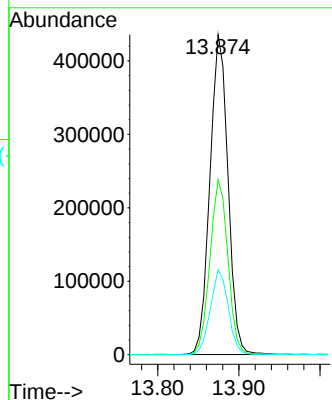
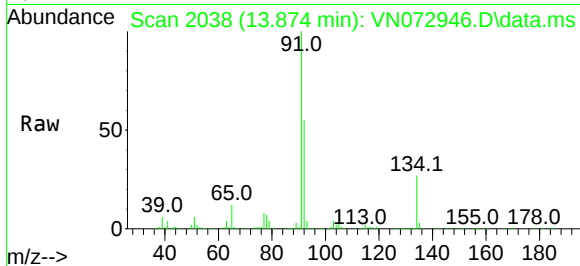
#89
n-Butylbenzene
Concen: 54.458 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 673409
Ion Ratio Lower Upper
91 100
92 54.5 26.9 80.7
134 26.5 13.6 40.8

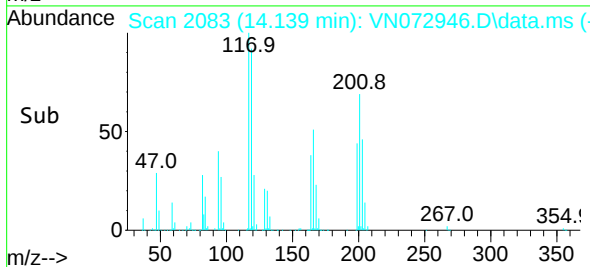
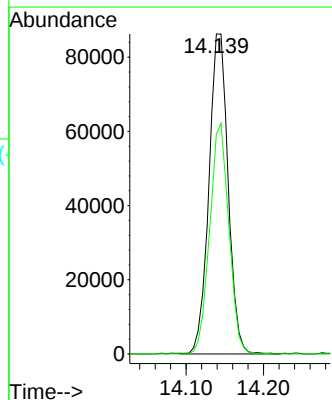
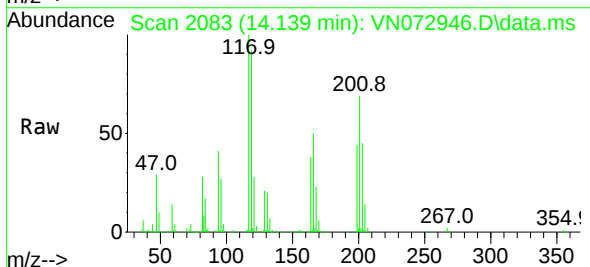
Manual Integrations
APPROVED

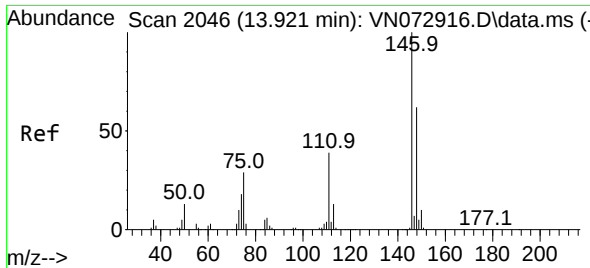
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#90
Hexachloroethane
Concen: 52.221 ug/l
RT: 14.139 min Scan# 2083
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

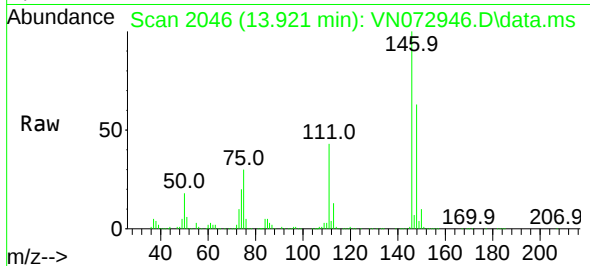
Tgt Ion:117 Resp: 149088
Ion Ratio Lower Upper
117 100
201 71.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.408 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

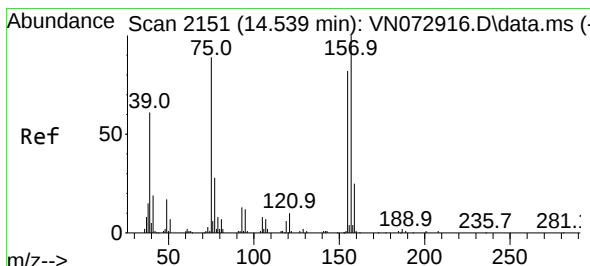
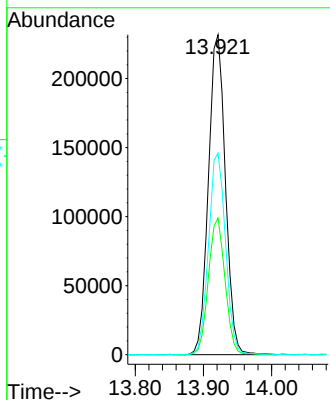
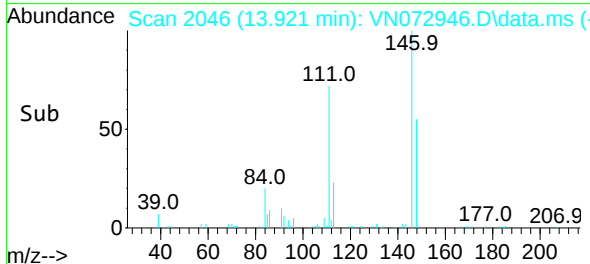
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



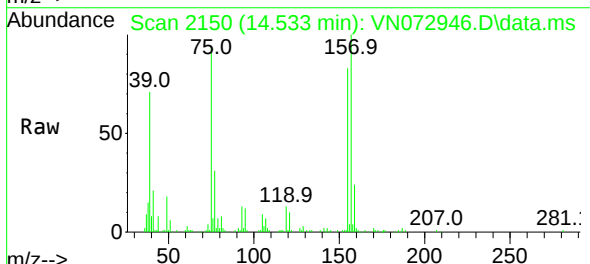
Tgt Ion:146 Resp: 402444
Ion Ratio Lower Upper
146 100
111 42.0 20.9 62.8
148 63.3 32.1 96.3

Manual Integrations
APPROVED

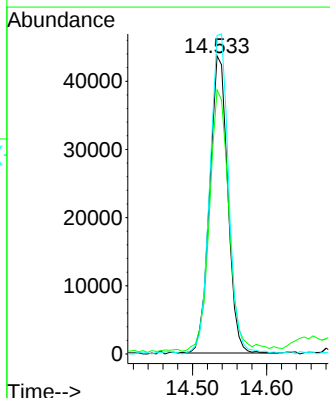
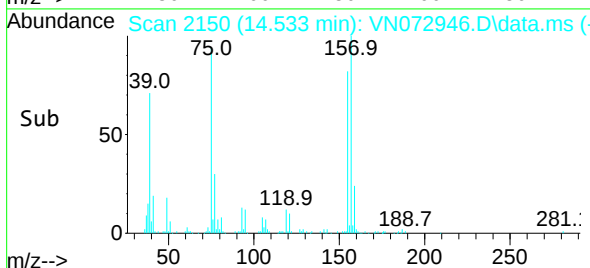
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

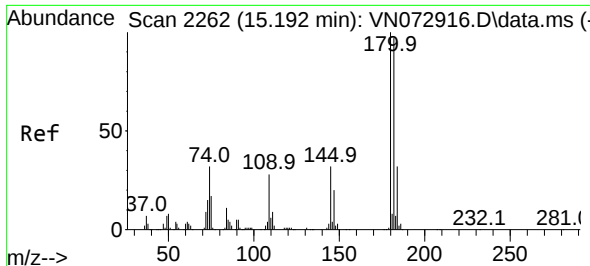


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.643 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



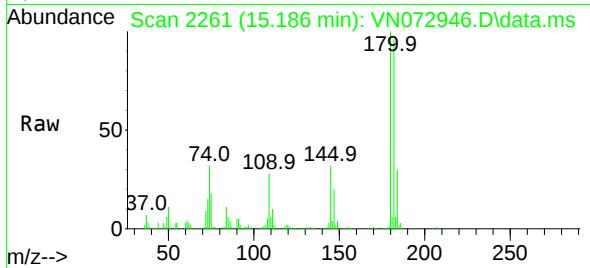
Tgt Ion: 75 Resp: 73894
Ion Ratio Lower Upper
75 100
155 94.4 44.9 134.5
157 112.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 51.065 ug/l
RT: 15.186 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22

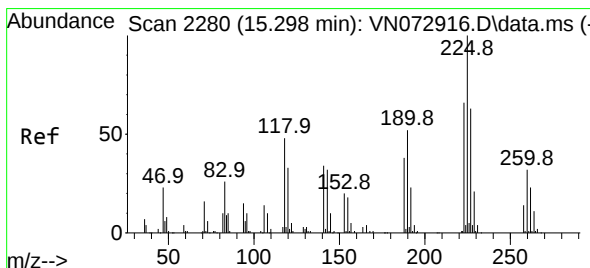
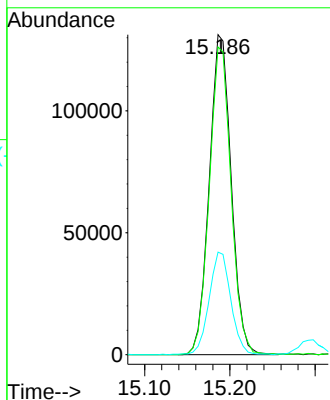
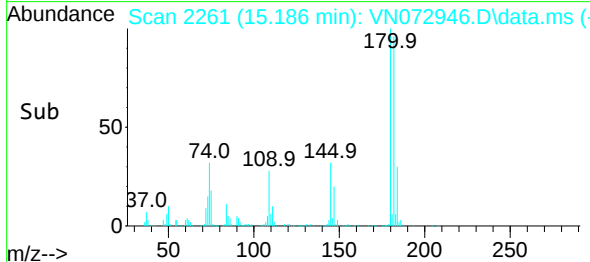
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



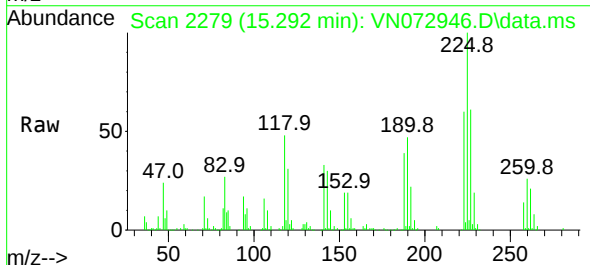
Tgt Ion:180 Resp: 234950
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 31.8 14.5 43.5

Manual Integrations
APPROVED

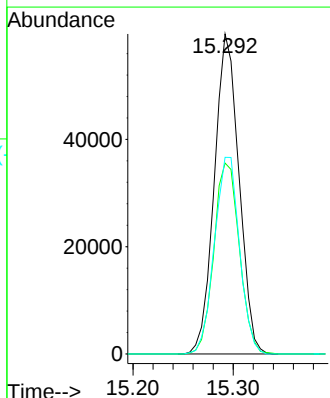
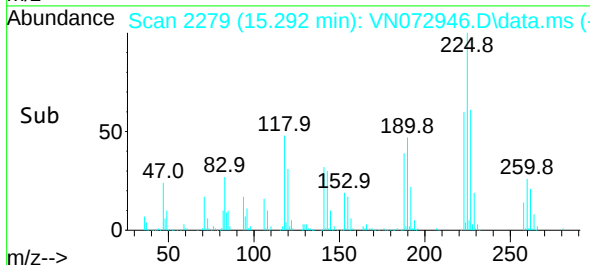
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

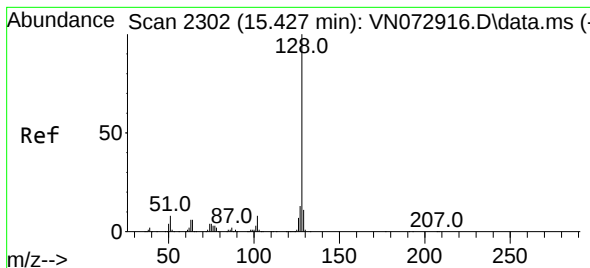


#94
Hexachlorobutadiene
Concen: 50.841 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.006 min
Lab File: VN072946.D
Acq: 20 Jun 2022 08:22



Tgt Ion:225 Resp: 101792
Ion Ratio Lower Upper
225 100
223 61.8 32.4 97.2
227 62.6 31.8 95.4





#95

Naphthalene

Concen: 44.236 ug/l

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

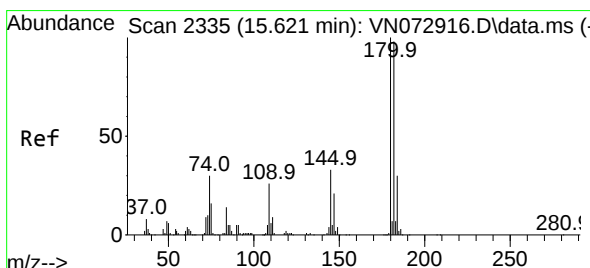
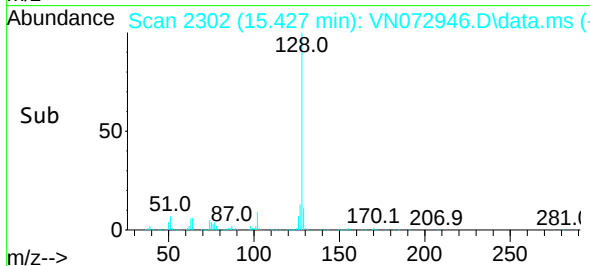
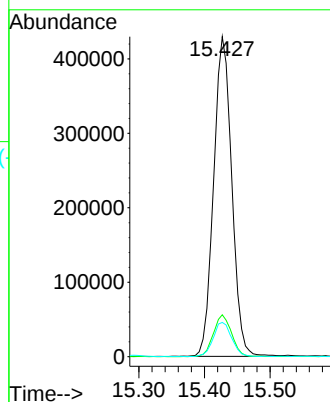
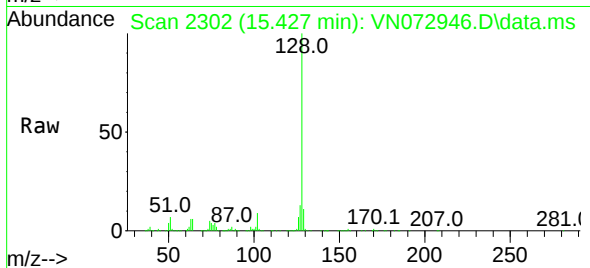
Tgt Ion:128 Resp: 823329
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 46.526 ug/l

RT: 15.615 min Scan# 2334

Delta R.T. -0.006 min

Lab File: VN072946.D

Acq: 20 Jun 2022 08:22

Tgt Ion:180 Resp: 228588
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.8 143.3
 145 34.0 15.5 46.5

