

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071068.D
 Acq On : 25 Feb 2022 12:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 26 03:41:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	708081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1111517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1023498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	442850	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.434	65	408714	50.530	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.060%
35) Dibromofluoromethane	8.016	113	318036	48.105	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.200%
50) Toluene-d8	10.433	98	1277219	48.105	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.220%
62) 4-Bromofluorobenzene	12.727	95	452670	47.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	345589	46.991	ug/l	99
3) Chloromethane	2.299	50	449252	48.599	ug/l	99
4) Vinyl Chloride	2.446	62	431981	46.682	ug/l	100
5) Bromomethane	2.840	94	237472	45.175	ug/l	98
6) Chloroethane	3.010	64	286111	47.129	ug/l	96
7) Trichlorofluoromethane	3.375	101	591832	51.034	ug/l	99
8) Diethyl Ether	3.822	74	253935	50.371	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	347837	48.888	ug/l	97
10) Methyl Iodide	4.422	142	493586	50.090	ug/l	98
11) Tert butyl alcohol	5.351	59	391839	265.818	ug/l	98
12) 1,1-Dichloroethene	4.187	96	329602	47.547	ug/l	97
13) Acrolein	4.040	56	342939	260.353	ug/l	99
14) Allyl chloride	4.840	41	699112	52.880	ug/l	87
15) Acrylonitrile	5.545	53	1222330	281.515	ug/l	99
16) Acetone	4.275	43	1377498	309.235	ug/l	96
17) Carbon Disulfide	4.534	76	817287	41.113	ug/l	99
18) Methyl Acetate	4.846	43	557489	57.244	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1317342	54.174	ug/l	95
20) Methylene Chloride	5.093	84	399287	49.321	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	356543	47.920	ug/l	91
22) Diisopropyl ether	6.487	45	1464183	57.744	ug/l	92
23) Vinyl Acetate	6.428	43	6244355	290.916	ug/l	99
24) 1,1-Dichloroethane	6.387	63	751537	52.872	ug/l	100
25) 2-Butanone	7.328	43	1821346	307.358	ug/l	95
26) 2,2-Dichloropropane	7.322	77	625596	52.956	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	434824	50.848	ug/l	90
28) Bromochloromethane	7.651	49	332898	57.864	ug/l	85
29) Tetrahydrofuran	7.675	42	1114553	290.335	ug/l	92
30) Chloroform	7.816	83	726489	51.966	ug/l	99
31) Cyclohexane	8.092	56	702902	50.247	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	627647	51.987	ug/l	98
36) 1,1-Dichloropropene	8.216	75	547664	50.562	ug/l	97
37) Ethyl Acetate	7.404	43	650814	56.025	ug/l	99
38) Carbon Tetrachloride	8.204	117	539714	50.571	ug/l	97
39) Methylcyclohexane	9.457	83	681055	48.865	ug/l	94
40) Benzene	8.457	78	1647829	51.431	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	342198	55.932	ug/l	88
42) 1,2-Dichloroethane	8.522	62	575810	52.768	ug/l	98
43) Isopropyl Acetate	8.551	43	1076476	58.791	ug/l	98
44) Trichloroethene	9.210	130	403698	47.849	ug/l	97
45) 1,2-Dichloropropane	9.486	63	449888	54.817	ug/l	98
46) Dibromomethane	9.575	93	278165	51.502	ug/l	97
47) Bromodichloromethane	9.757	83	578333	52.982	ug/l	99
48) Methyl methacrylate	9.551	41	521201	60.138	ug/l #	82
49) 1,4-Dioxane	9.563	88	166850	1083.916	ug/l	89
51) 4-Methyl-2-Pentanone	10.322	43	3313414	297.425	ug/l	98
52) Toluene	10.498	92	1047277	52.019	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	641271	54.027	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	699502	53.664	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	409842	52.007	ug/l	98
56) Ethyl methacrylate	10.757	69	700541	59.000	ug/l	91
57) 1,3-Dichloropropane	11.039	76	733240	53.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	595676	228.648	ug/l	95
59) 2-Hexanone	11.080	43	2436765	318.041	ug/l	98
60) Dibromochloromethane	11.233	129	435813	52.329	ug/l	100
61) 1,2-Dibromoethane	11.339	107	417487	52.084	ug/l	99
64) Tetrachloroethene	10.975	164	352229	44.189	ug/l	98
65) Chlorobenzene	11.763	112	1101213	49.931	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	410694	51.085	ug/l	99
67) Ethyl Benzene	11.839	91	2029119	52.567	ug/l	98
68) m/p-Xylenes	11.951	106	1545033	103.622	ug/l	99
69) o-Xylene	12.274	106	764870	52.513	ug/l	99
70) Styrene	12.286	104	1230675	53.138	ug/l	97
71) Bromoform	12.451	173	327618	51.168	ug/l #	99
73) Isopropylbenzene	12.574	105	1986381	55.726	ug/l	99
74) N-amyl acetate	12.380	43	741749	65.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	621898	54.903	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	469391m	45.017	ug/l	
77) Bromobenzene	12.857	156	460581	52.782	ug/l	84
78) n-propylbenzene	12.916	91	2241212	55.961	ug/l	98
79) 2-Chlorotoluene	13.004	91	1354029	55.672	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1586666	54.943	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	189410	58.864	ug/l	89
82) 4-Chlorotoluene	13.098	91	1296159	54.901	ug/l	95
83) tert-Butylbenzene	13.316	119	1449297	52.918	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1555913	54.733	ug/l	99
85) sec-Butylbenzene	13.498	105	1980903	54.891	ug/l	99
86) p-Isopropyltoluene	13.610	119	1620781	54.710	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	793199	51.349	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	766463	50.643	ug/l	99
89) n-Butylbenzene	13.939	91	1261319	52.185	ug/l	97
90) Hexachloroethane	14.204	117	293232	55.424	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	753697	51.960	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	104366	56.867	ug/l	92
93) 1,2,4-Trichlorobenzene	15.257	180	370238	45.594	ug/l	98
94) Hexachlorobutadiene	15.362	225	226242	42.771	ug/l	100
95) Naphthalene	15.498	128	921003	46.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	347123	46.375	ug/l	98

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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

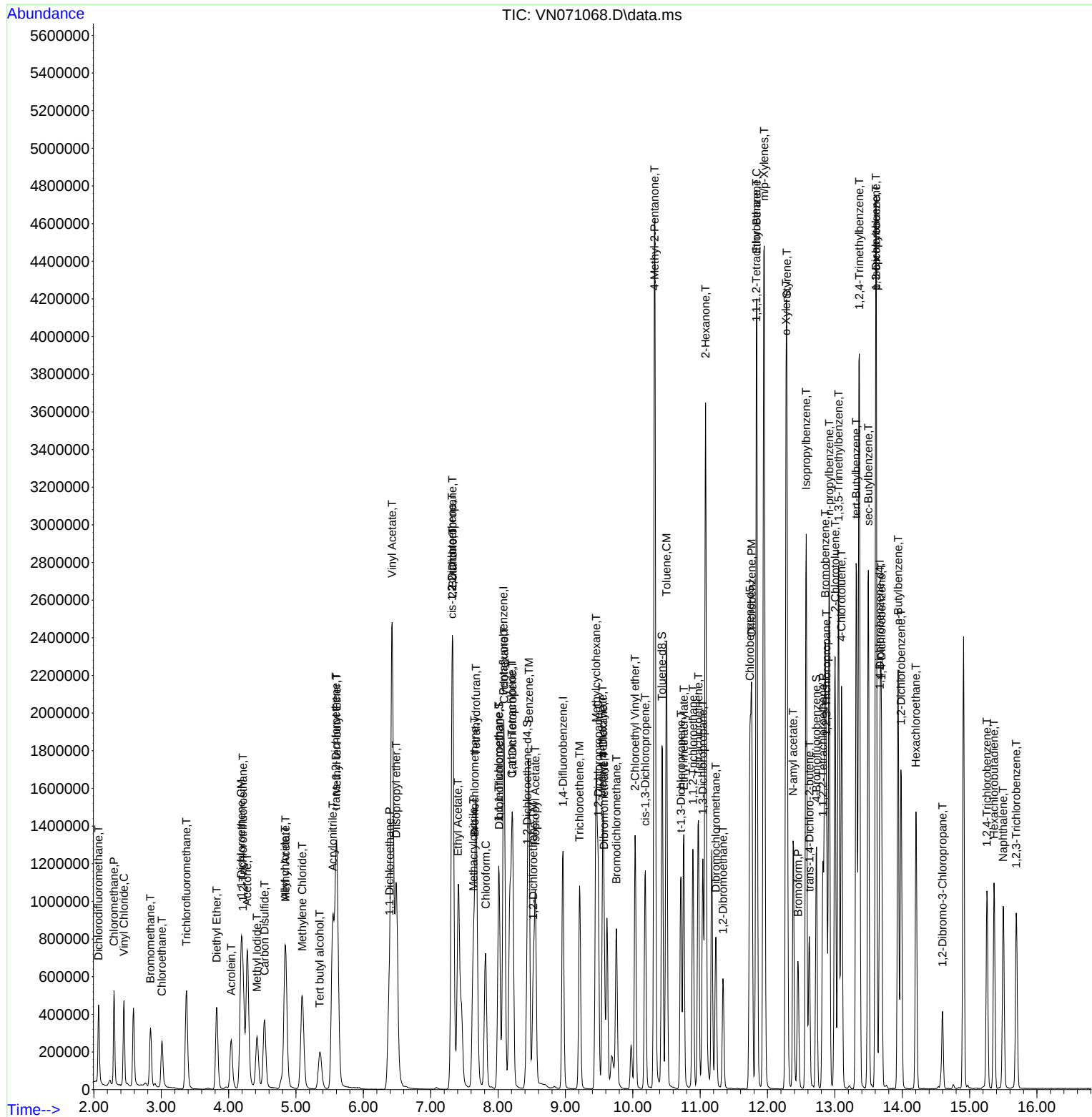
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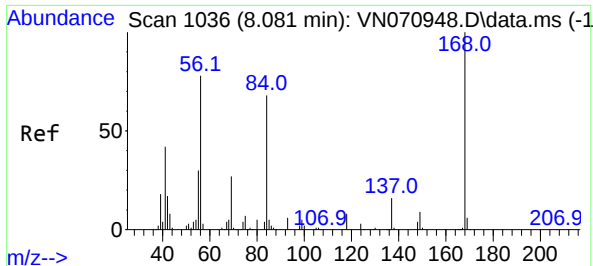
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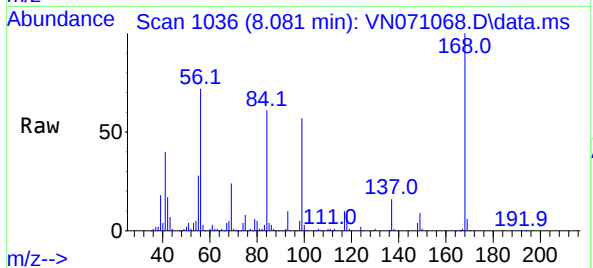
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071068.D
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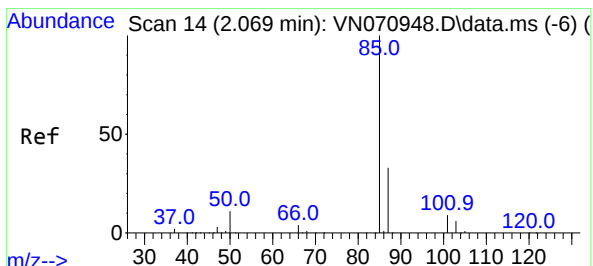
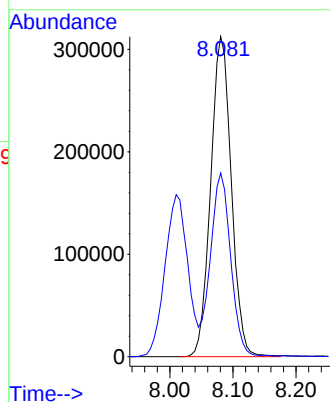
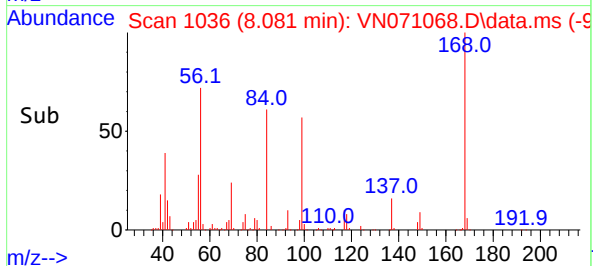
Instrument :
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ClientSampleId :
VSTDCCC050



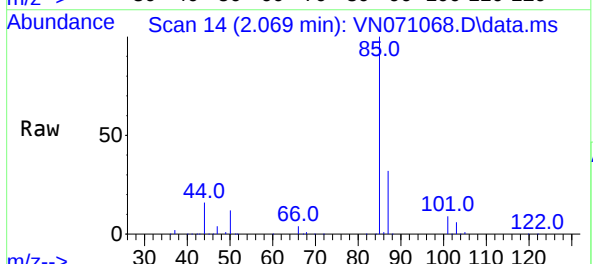
Tgt Ion:168 Resp: 70808
Ion Ratio Lower Upper
168 100
99 57.2 41.3 61.9

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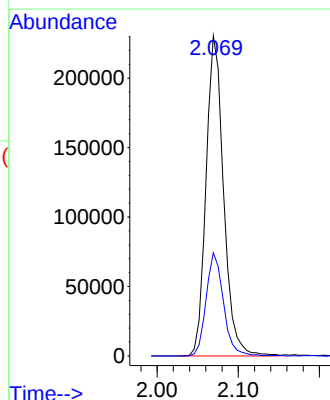
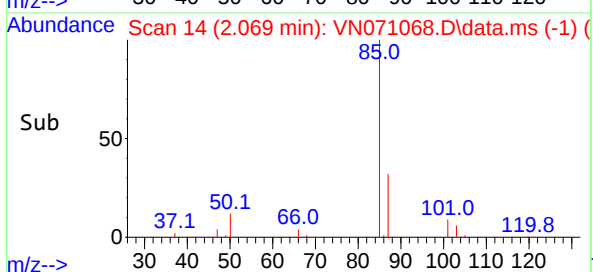
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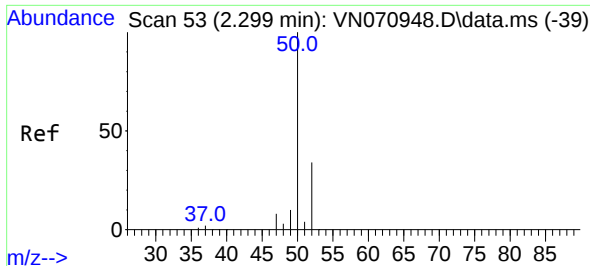


#2
Dichlorodifluoromethane
Concen: 46.991 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



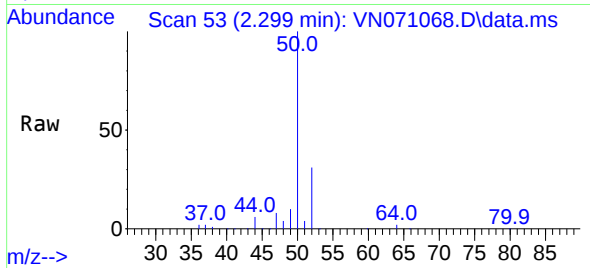
Tgt Ion: 85 Resp: 345589
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 48.599 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

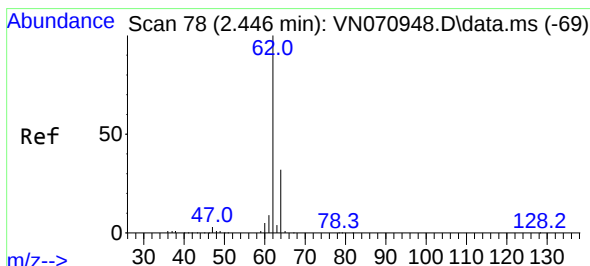
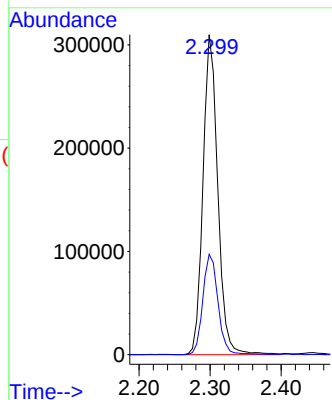
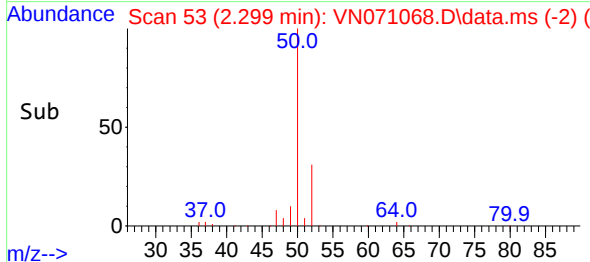
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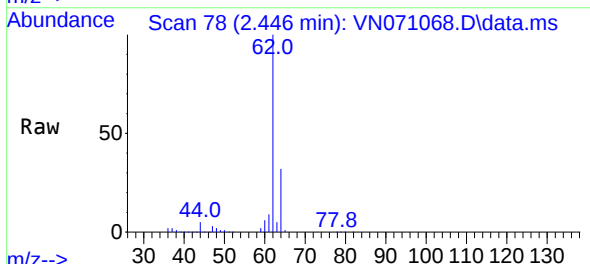
Tgt Ion: 50 Resp: 449252
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.0

Manual Integrations
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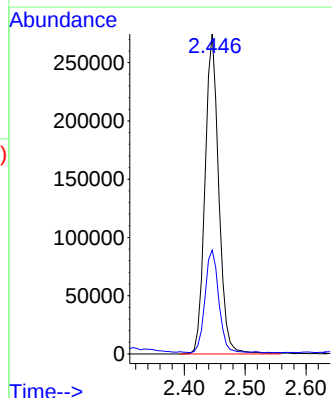
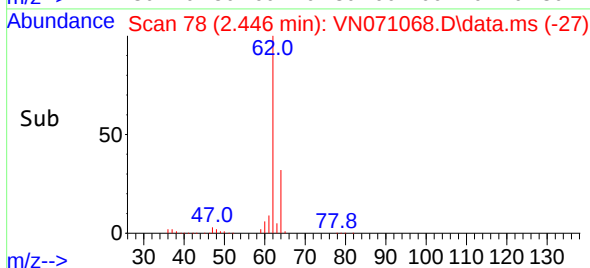
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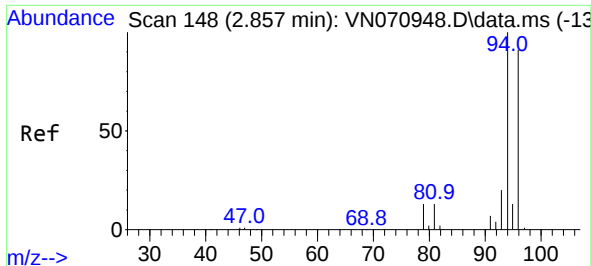


#4
Vinyl Chloride
Concen: 46.682 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



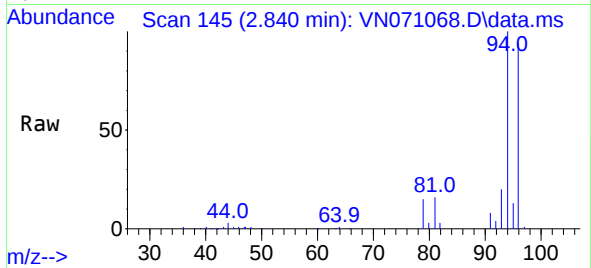
Tgt Ion: 62 Resp: 431981
Ion Ratio Lower Upper
62 100
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 45.175 ug/l
RT: 2.840 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

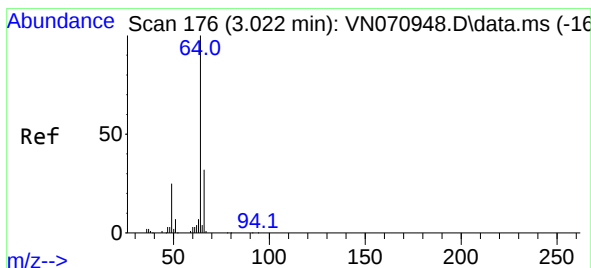
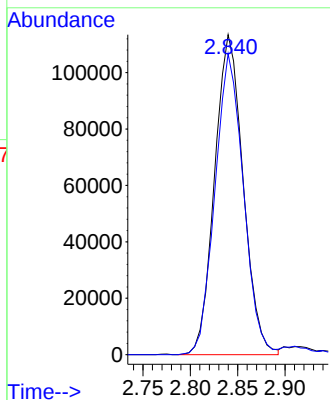
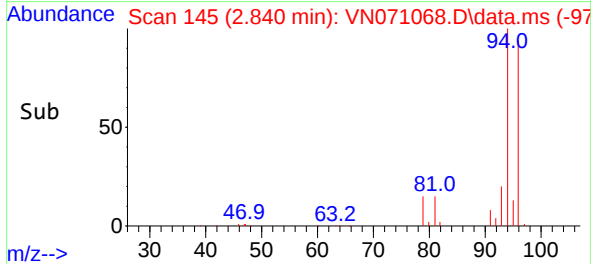
Instrument :
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Tgt Ion: 94 Resp: 237472
Ion Ratio Lower Upper
94 100
96 94.0 73.8 110.8

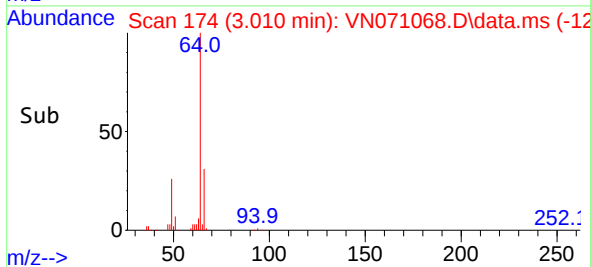
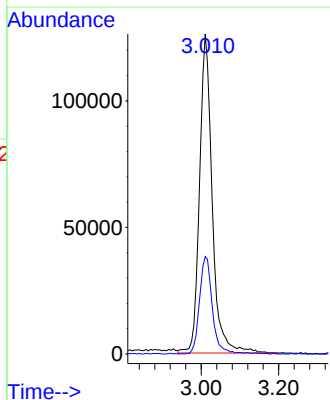
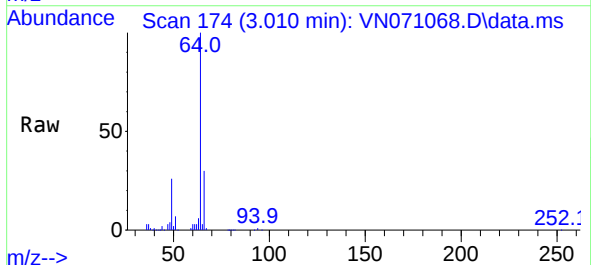
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#6
Chloroethane
Concen: 47.129 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.012 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

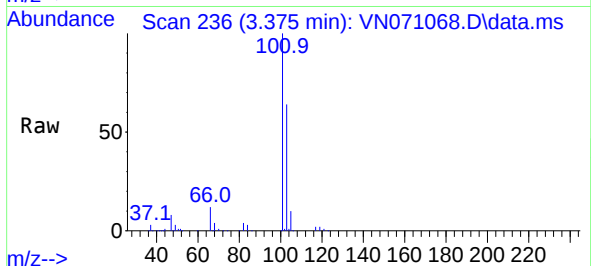
Tgt Ion: 64 Resp: 286111
Ion Ratio Lower Upper
64 100
66 30.5 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.034 ug/l
RT: 3.375 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

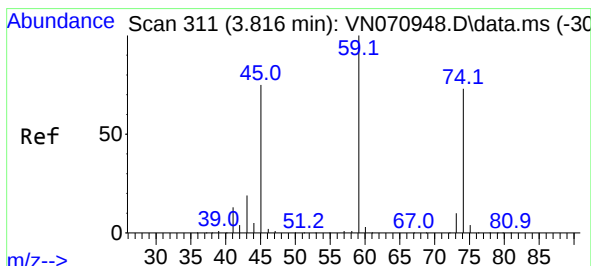
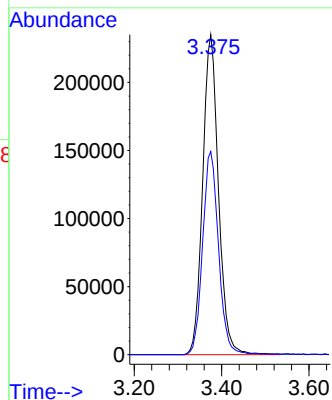
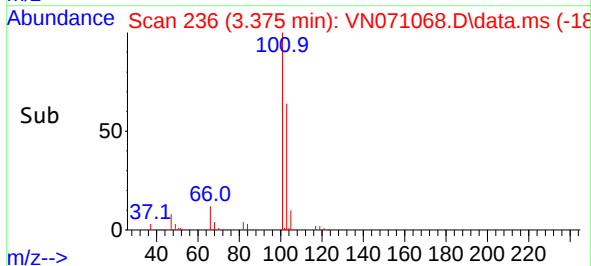
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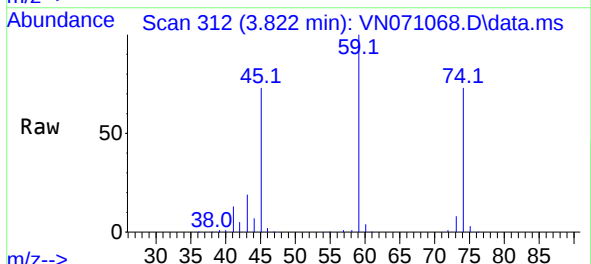
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Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

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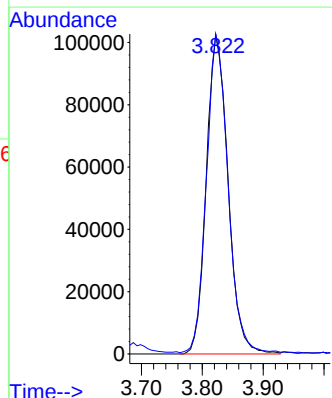
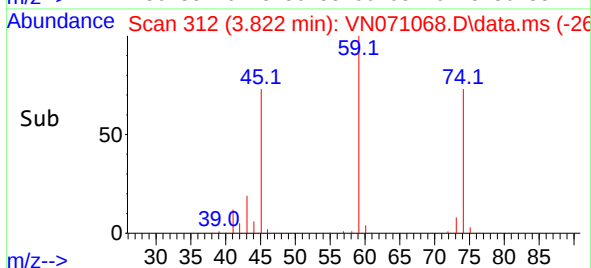
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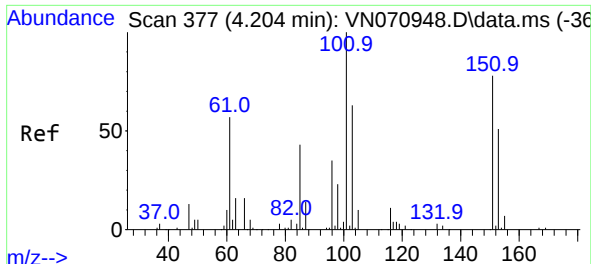


#8
Diethyl Ether
Concen: 50.371 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



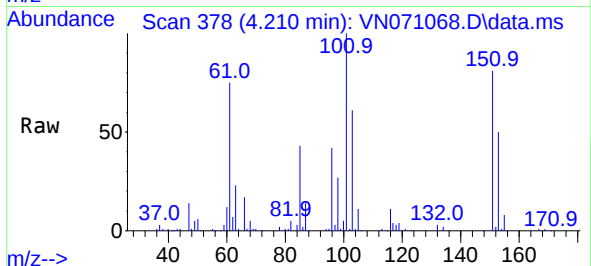
Tgt Ion: 74 Resp: 253935
Ion Ratio Lower Upper
74 100
45 99.9 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.888 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

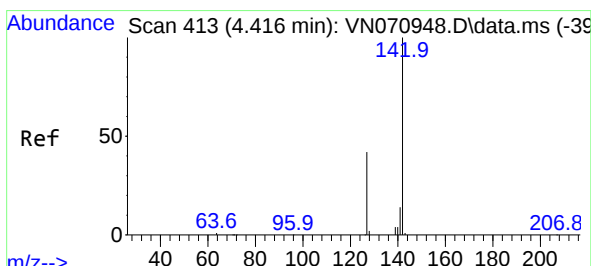
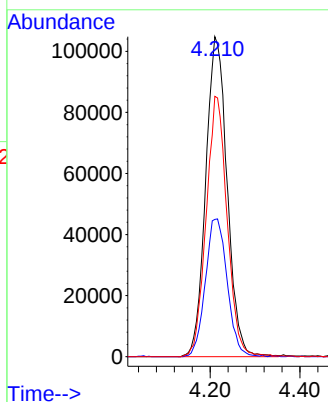
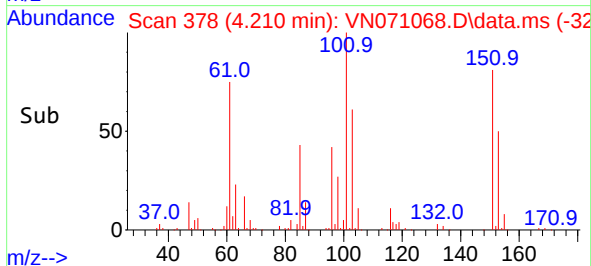
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



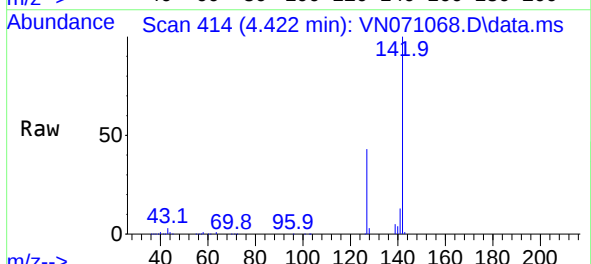
Tgt Ion:101 Resp: 34783
Ion Ratio Lower Upper
101 100
85 43.9 37.2 55.8
151 79.7 65.9 98.9

Manual Integrations
APPROVED

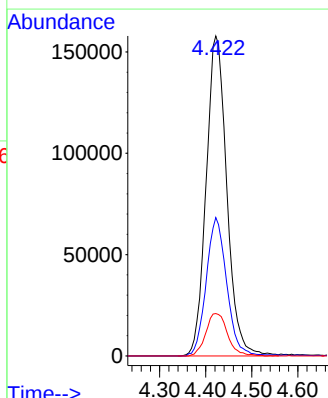
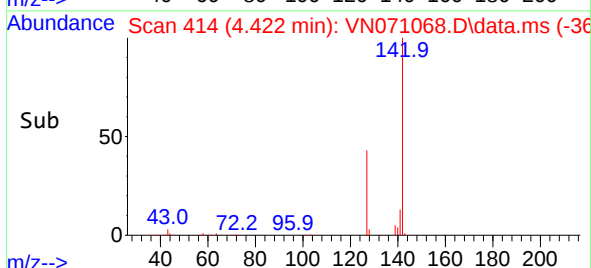
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

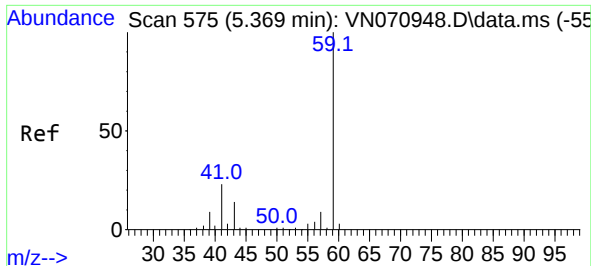


#10
Methyl Iodide
Concen: 50.090 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



Tgt Ion:142 Resp: 493586
Ion Ratio Lower Upper
142 100
127 43.0 35.4 53.0
141 13.9 11.6 17.4





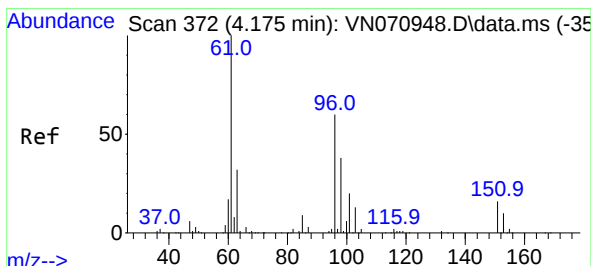
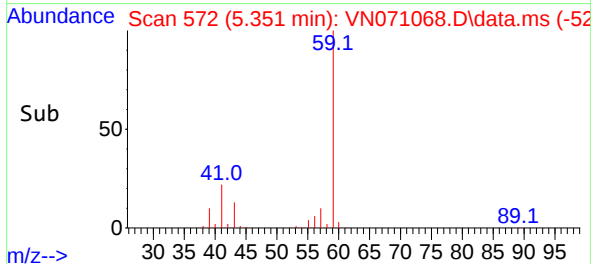
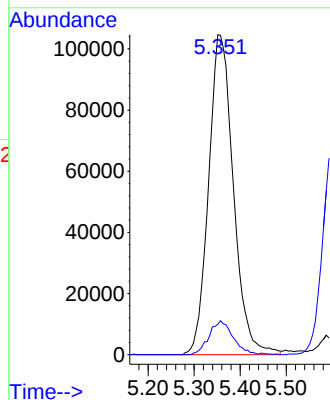
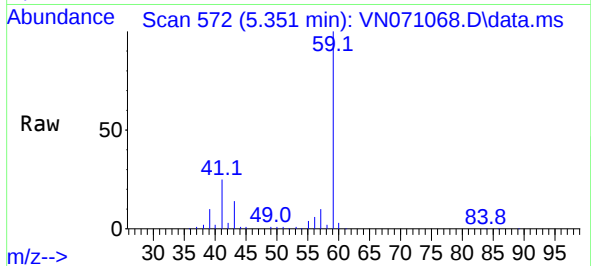
#11
Tert butyl alcohol
Concen: 265.818 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 391839
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

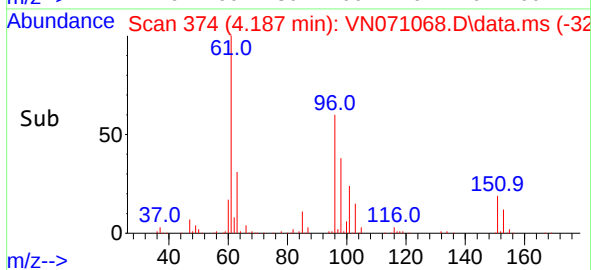
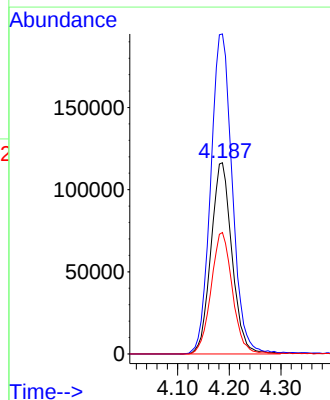
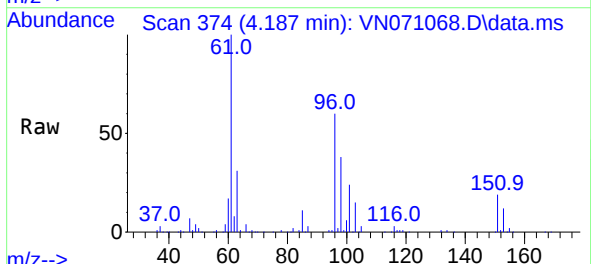
Manual Integrations
APPROVED

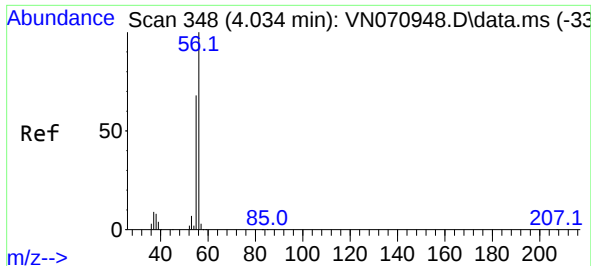
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#12
1,1-Dichloroethene
Concen: 47.547 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

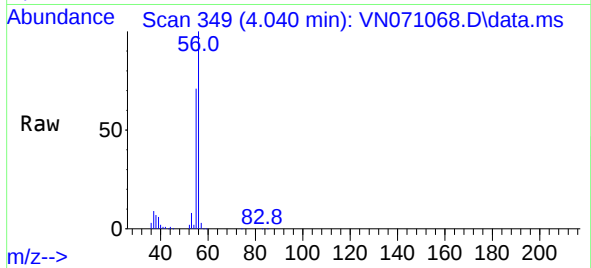
Tgt Ion: 96 Resp: 329602
Ion Ratio Lower Upper
96 100
61 167.4 131.0 196.6
98 63.5 52.4 78.6





#13
Acrolein
Concen: 260.353 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

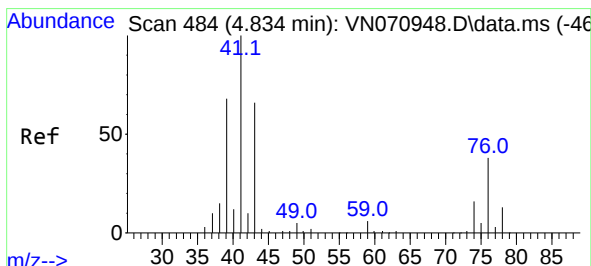
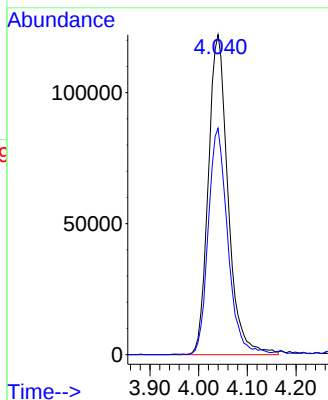
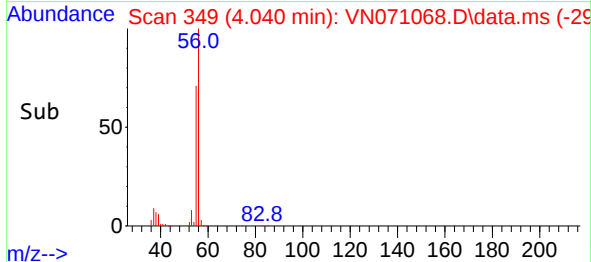
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



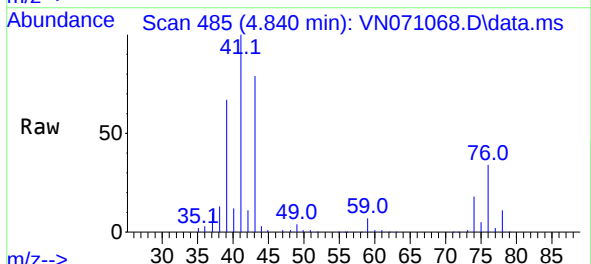
Tgt Ion: 56 Resp: 342939
Ion Ratio Lower Upper
56 100
55 69.6 56.6 85.0

Manual Integrations
APPROVED

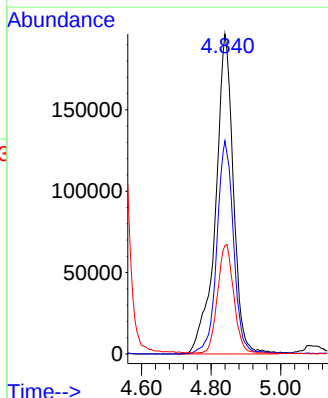
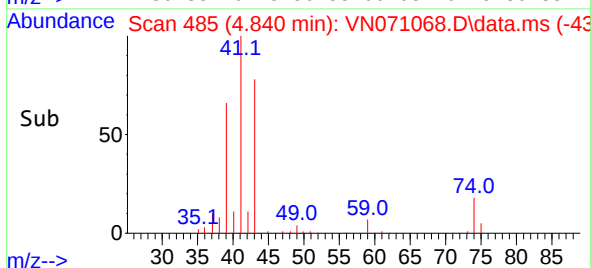
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

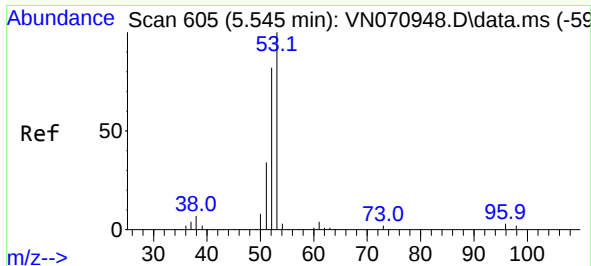


#14
Allyl chloride
Concen: 52.880 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



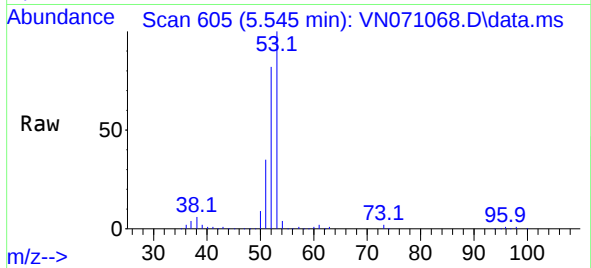
Tgt Ion: 41 Resp: 699112
Ion Ratio Lower Upper
41 100
39 61.8 61.2 91.8
76 31.1 26.0 39.0





#15
Acrylonitrile
Concen: 281.515 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

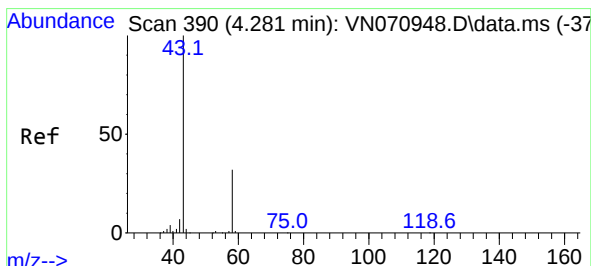
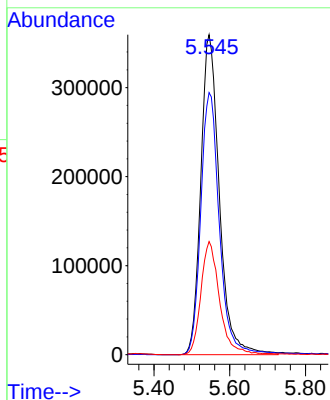
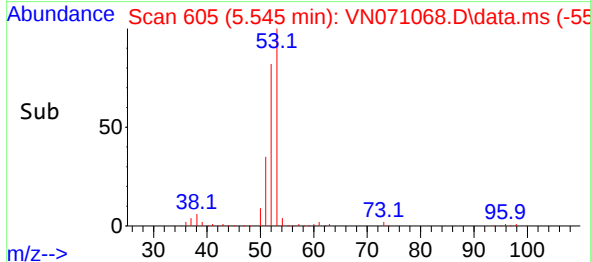
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



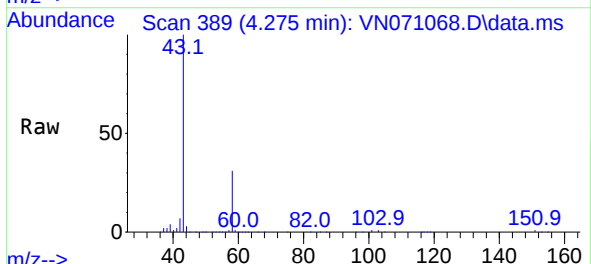
Tgt Ion: 53 Resp: 1222330
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.2
51 35.5 29.6 44.4

Manual Integrations
APPROVED

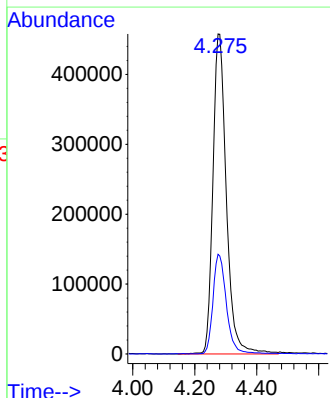
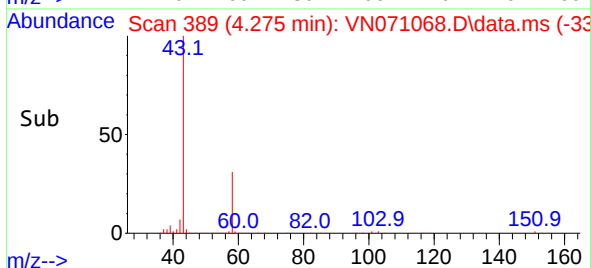
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

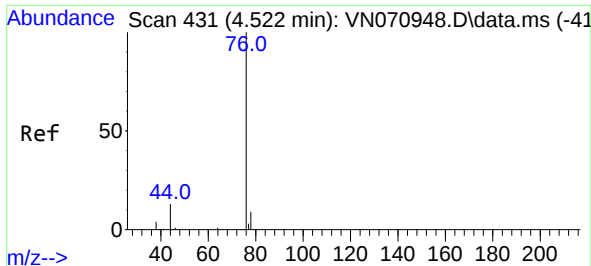


#16
Acetone
Concen: 309.235 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



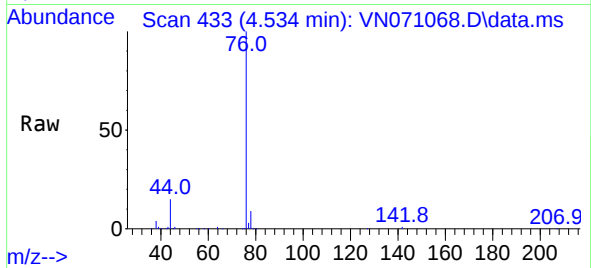
Tgt Ion: 43 Resp: 1377498
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7





#17
Carbon Disulfide
Concen: 41.113 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

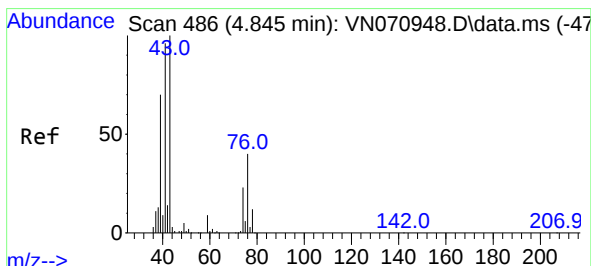
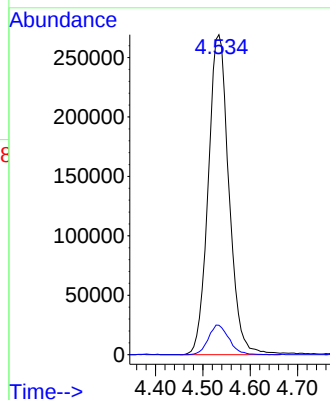
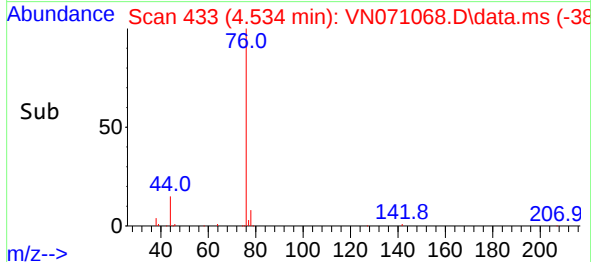
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



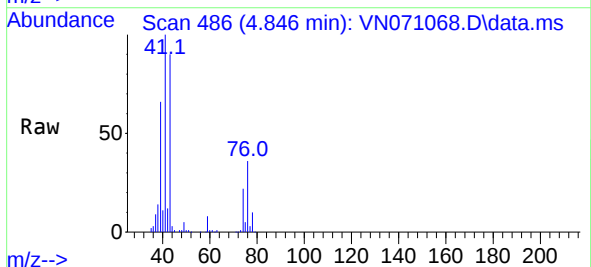
Tgt Ion: 76 Resp: 81728
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
APPROVED

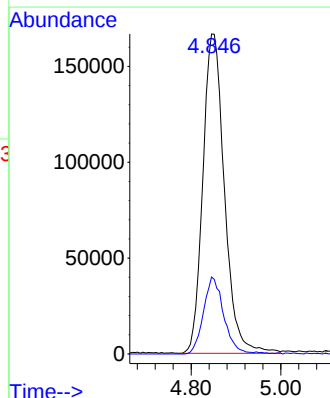
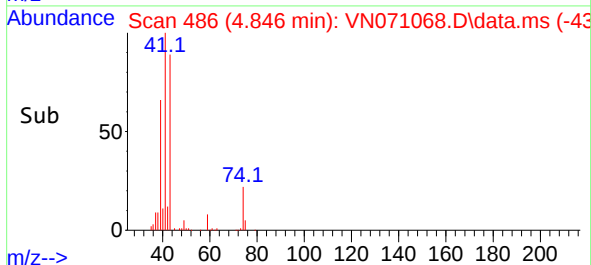
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

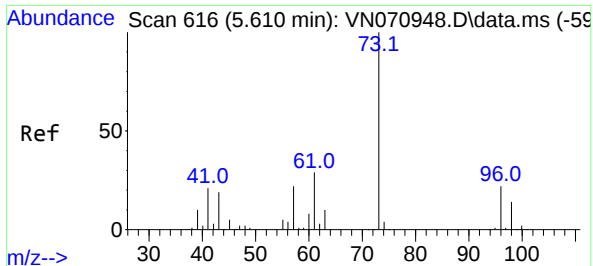


#18
Methyl Acetate
Concen: 57.244 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.001 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



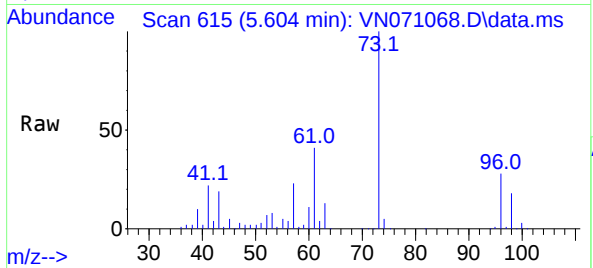
Tgt Ion: 43 Resp: 557489
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.174 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

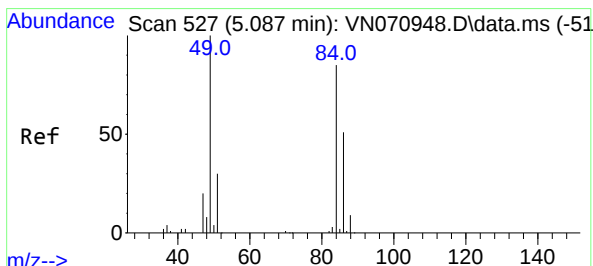
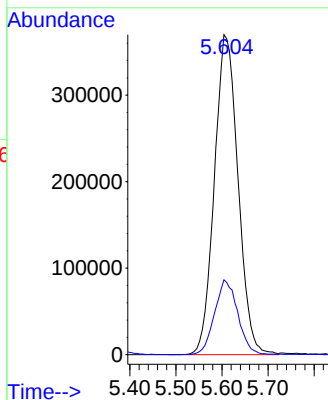
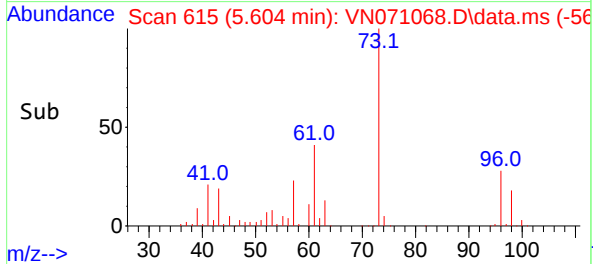
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



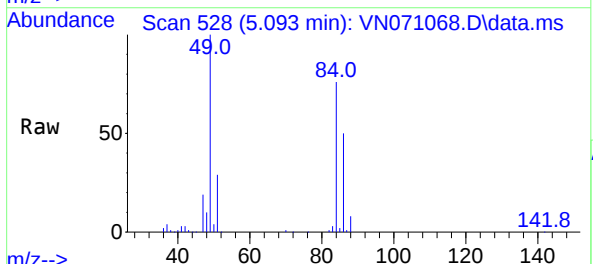
Tgt Ion: 73 Resp: 131734
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

Manual Integrations
APPROVED

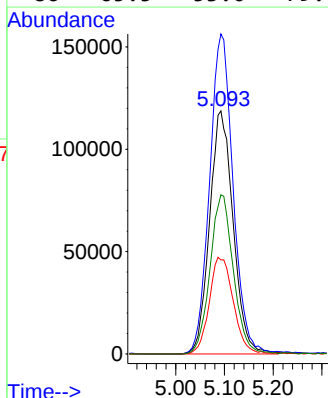
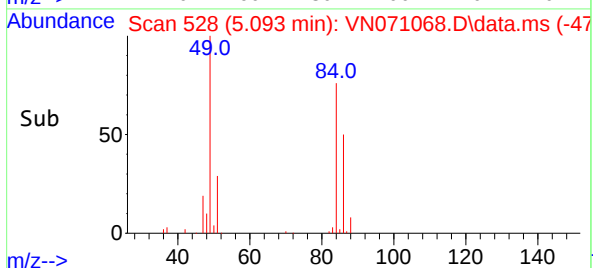
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

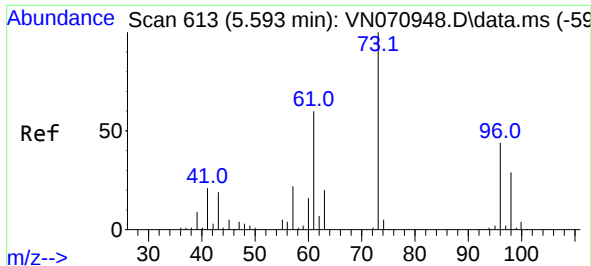


#20
Methylene Chloride
Concen: 49.321 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



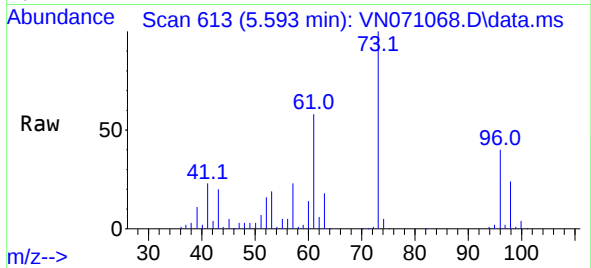
Tgt Ion: 84 Resp: 399287
Ion Ratio Lower Upper
84 100
49 131.7 93.5 140.3
51 38.7 29.4 44.2
86 65.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.920 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

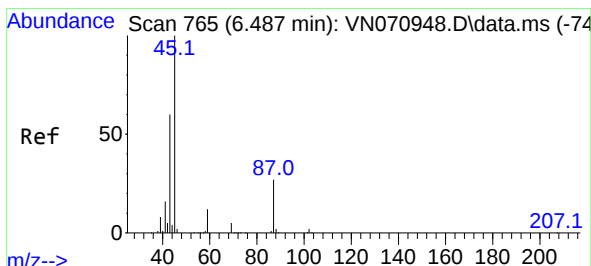
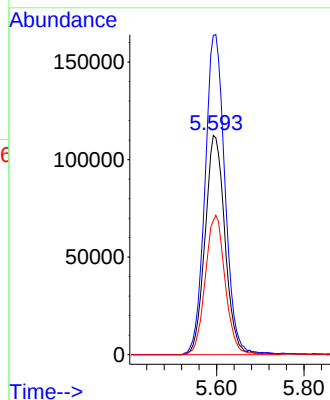
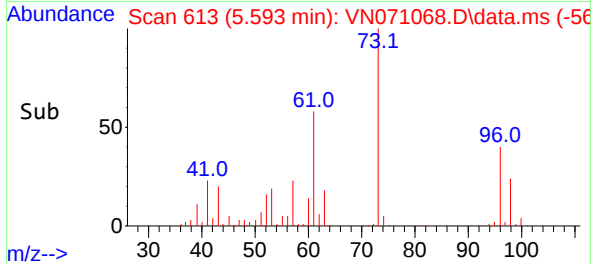
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



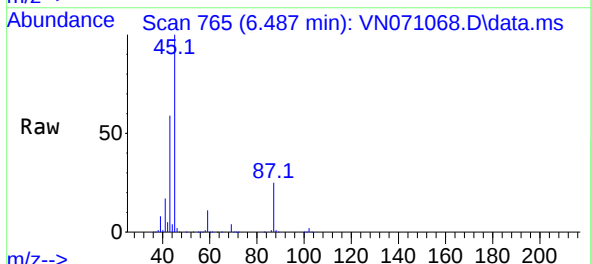
Tgt Ion: 96 Resp: 35654
Ion Ratio Lower Upper
96 100
61 145.6 105.8 158.6
98 61.2 52.0 78.0

Manual Integrations
APPROVED

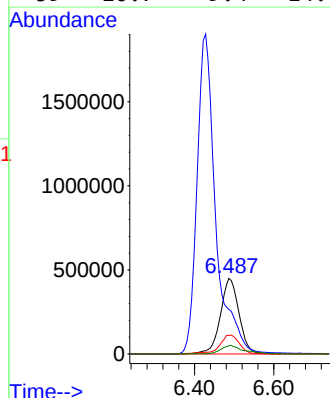
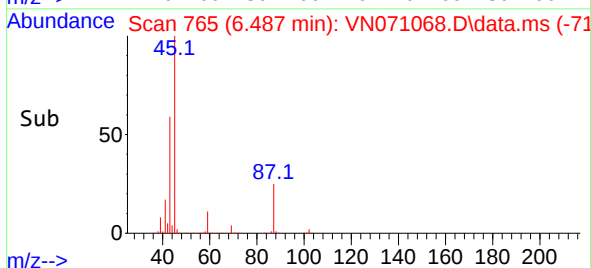
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

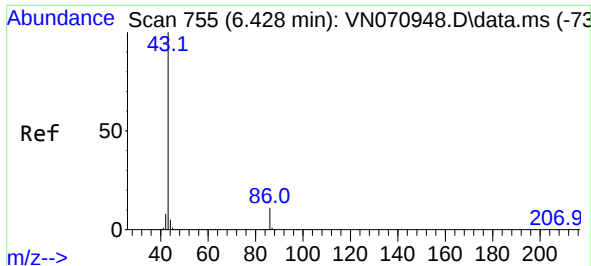


#22
Diisopropyl ether
Concen: 57.744 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



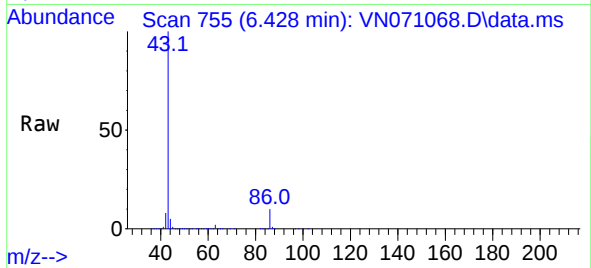
Tgt Ion: 45 Resp: 1464183
Ion Ratio Lower Upper
45 100
43 58.0 51.7 77.5
87 24.5 23.2 34.8
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 290.916 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071068.D
 Acq: 25 Feb 2022 12:22

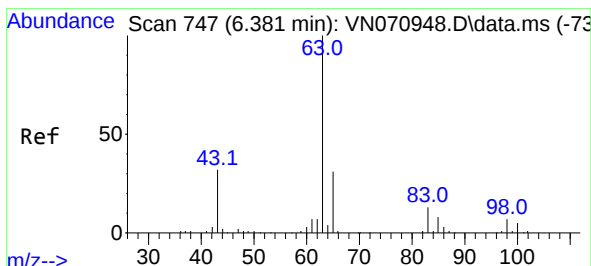
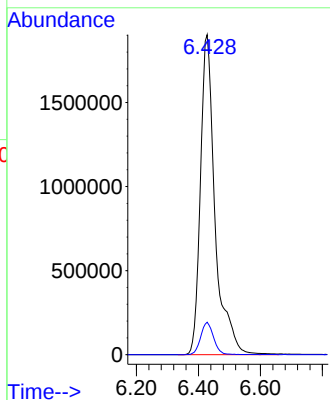
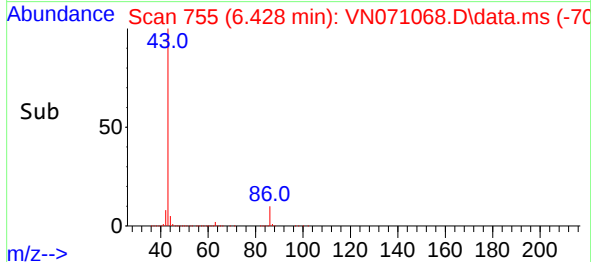
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



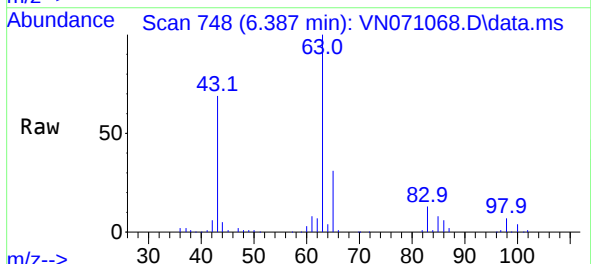
Tgt Ion: 43 Resp: 624435
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

Manual Integrations
 APPROVED

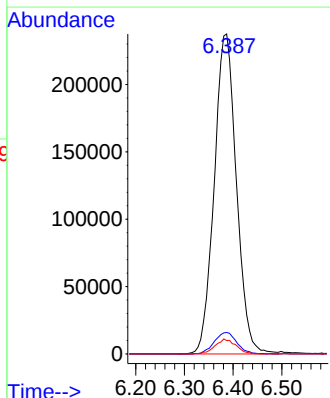
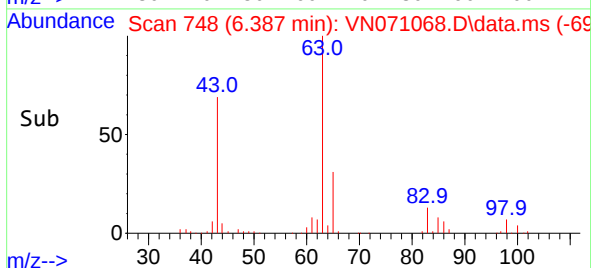
Reviewed By :John Carlone 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

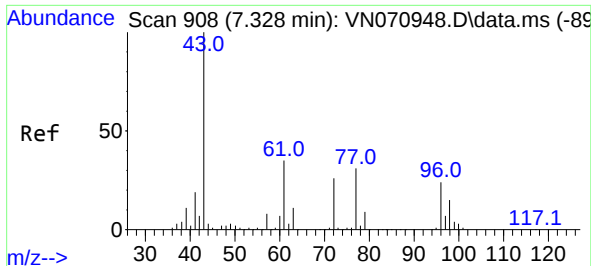


#24
 1,1-Dichloroethane
 Concen: 52.872 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071068.D
 Acq: 25 Feb 2022 12:22



Tgt Ion: 63 Resp: 751537
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.2 2.1 6.5





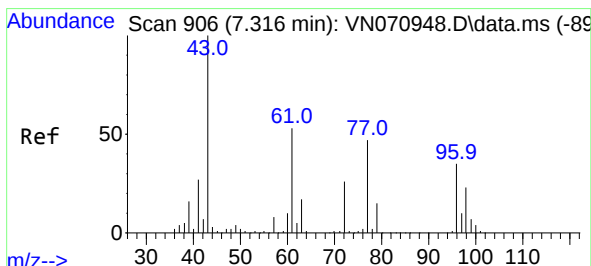
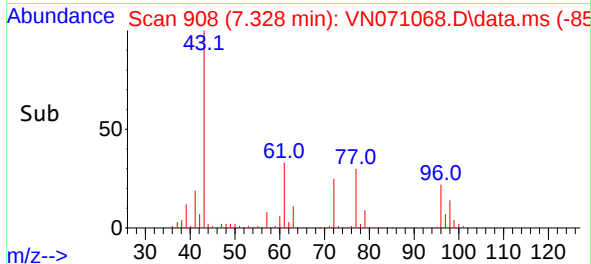
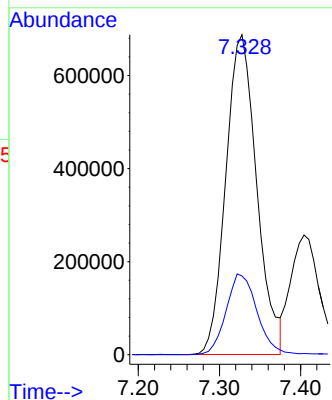
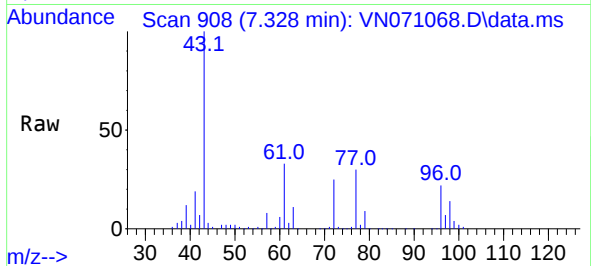
#25
2-Butanone
Concen: 307.358 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
Client SampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1821340
Ion Ratio Lower Upper
43 100
72 24.6 21.7 32.5

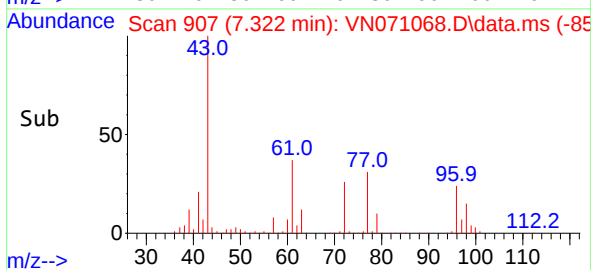
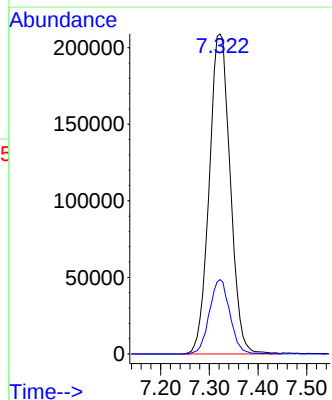
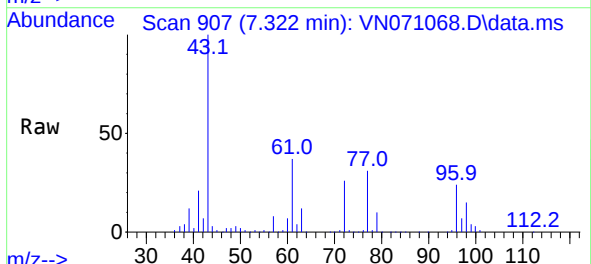
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#26
2,2-Dichloropropane
Concen: 52.956 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Tgt Ion: 77 Resp: 625596
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 50.848 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN071068.D

Acq: 25 Feb 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 434824

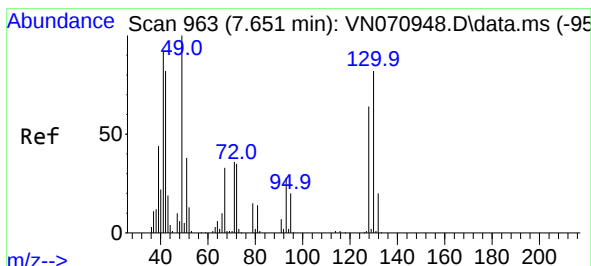
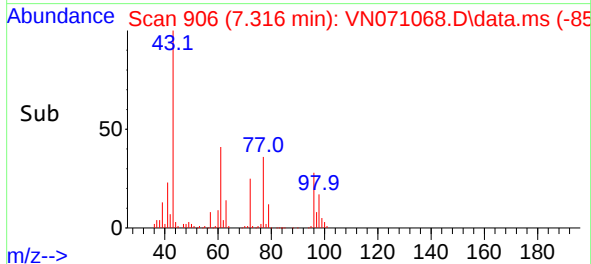
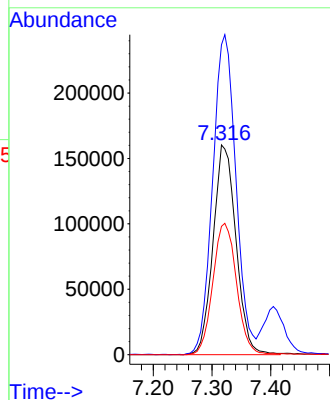
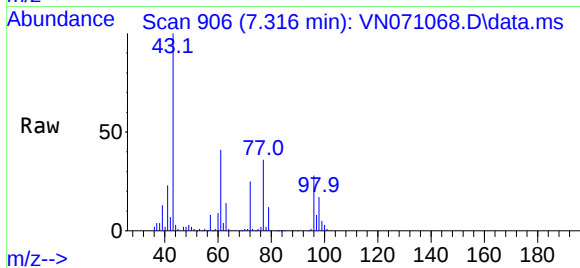
Ion	Ratio	Lower	Upper
96	100		
61	154.6	0.0	275.0
98	64.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2022

Supervised By :Mahesh Dadoda 02/28/2022



#28

Bromochloromethane

Concen: 57.864 ug/l

RT: 7.651 min Scan# 963

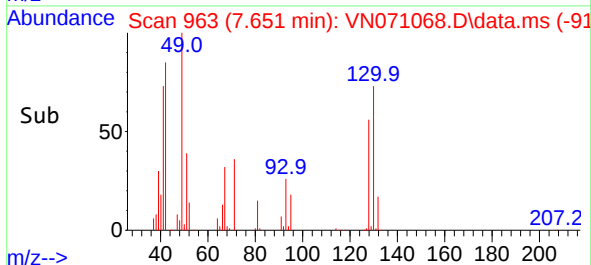
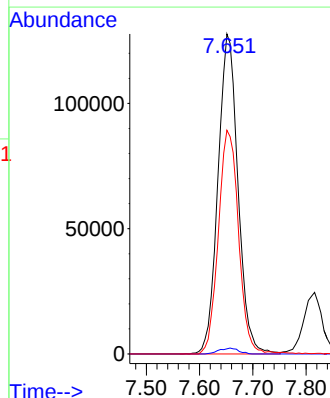
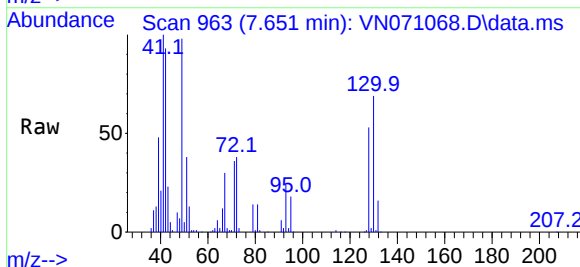
Delta R.T. 0.000 min

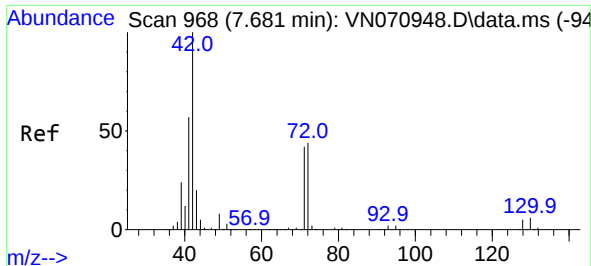
Lab File: VN071068.D

Acq: 25 Feb 2022 12:22

Tgt Ion: 49 Resp: 332898

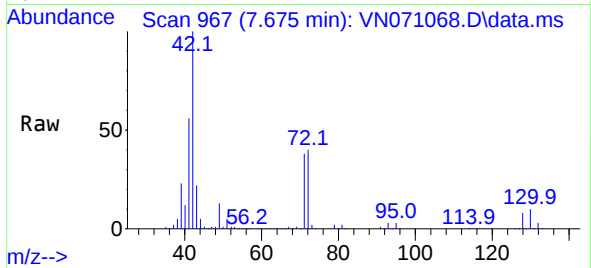
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	70.4	67.8	101.8





#29
Tetrahydrofuran
Concen: 290.335 ug/l
RT: 7.675 min Scan# 90
Delta R.T. -0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

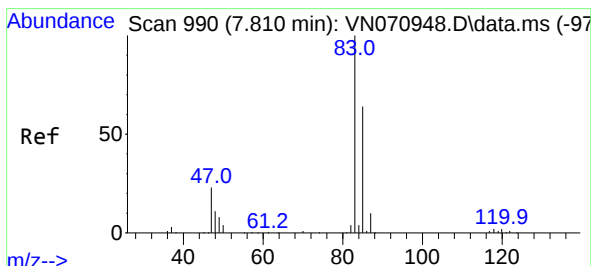
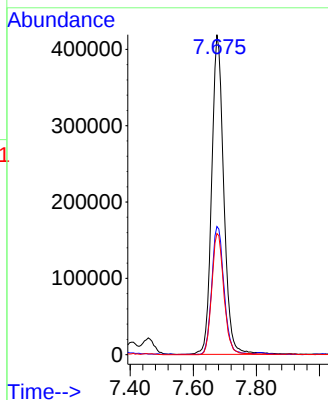
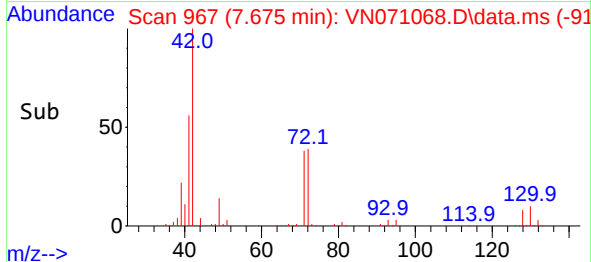
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



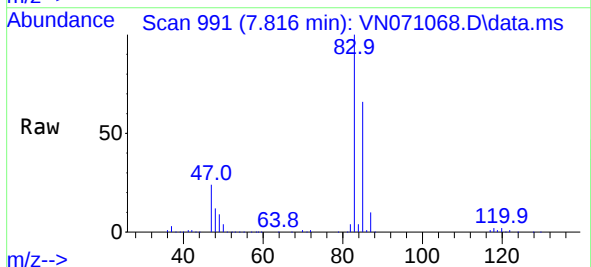
Tgt Ion: 42 Resp: 111455
Ion Ratio Lower Upper
42 100
72 40.5 36.3 54.5
71 37.9 34.7 52.1

Manual Integrations
APPROVED

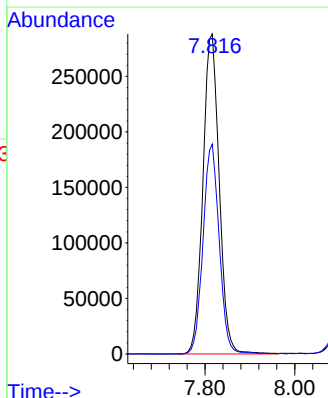
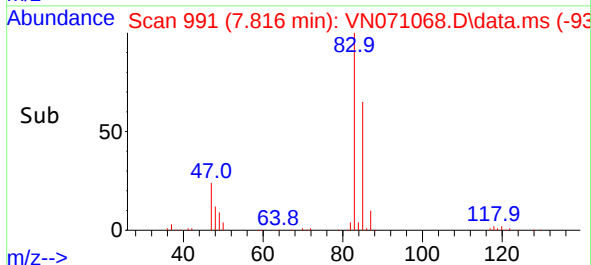
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

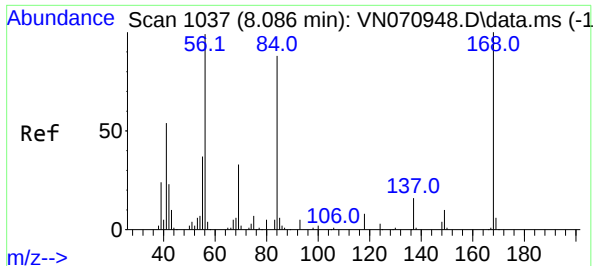


#30
Chloroform
Concen: 51.966 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



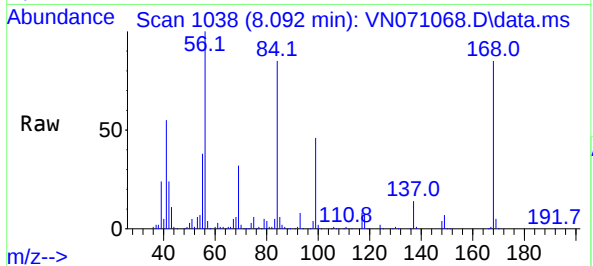
Tgt Ion: 83 Resp: 726489
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9





#31
Cyclohexane
Concen: 50.247 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

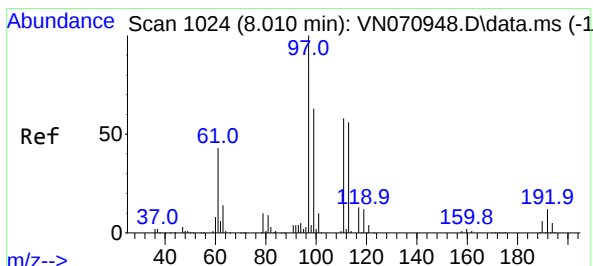
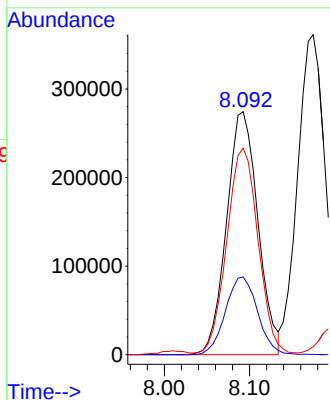
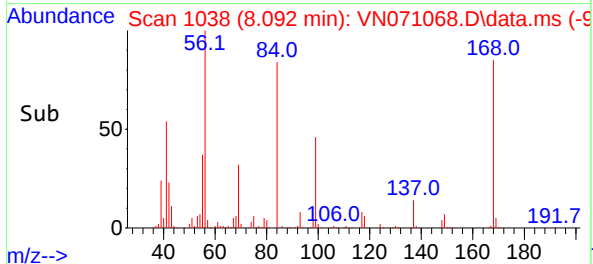
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



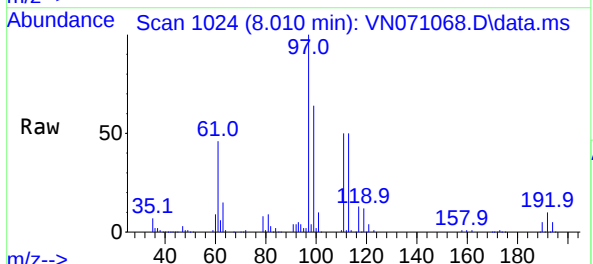
Tgt Ion: 56 Resp: 70290
Ion Ratio Lower Upper
56 100
69 32.0 27.1 40.7
84 83.7 73.4 110.0

Manual Integrations
APPROVED

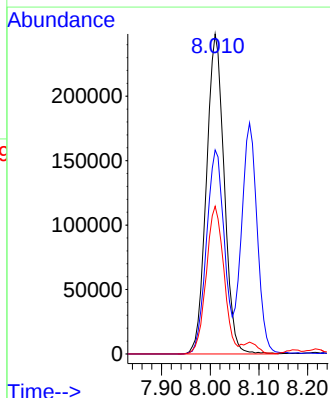
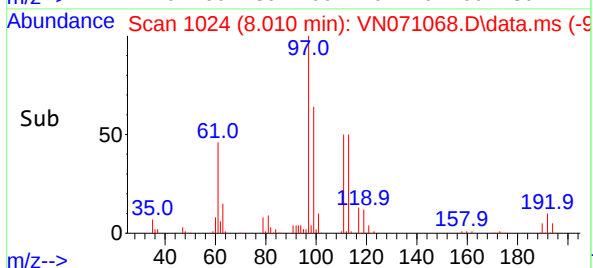
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

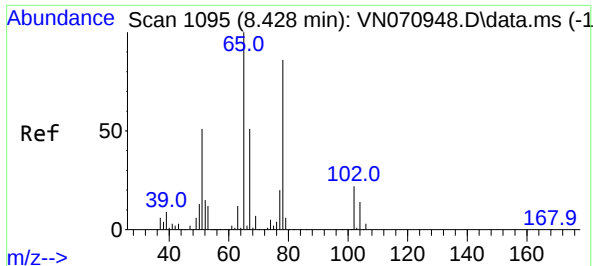


#32
1,1,1-Trichloroethane
Concen: 51.987 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



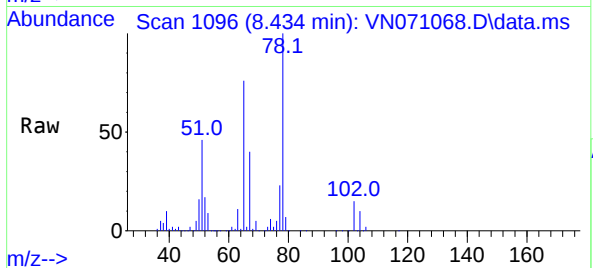
Tgt Ion: 97 Resp: 627647
Ion Ratio Lower Upper
97 100
99 63.6 50.1 75.1
61 45.9 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 50.530 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

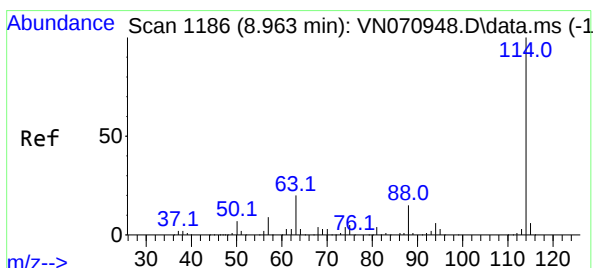
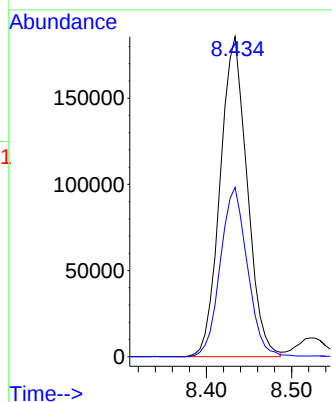
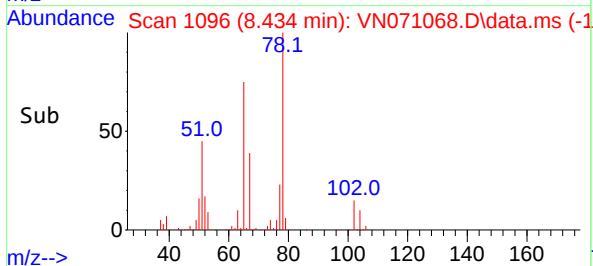
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



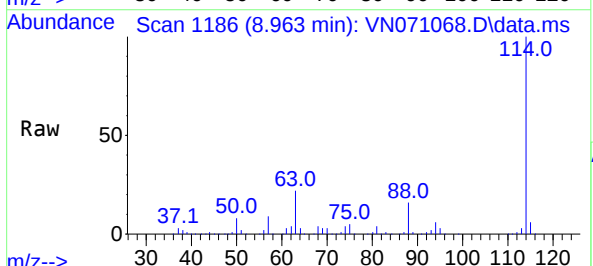
Tgt Ion: 65 Resp: 408714
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

Manual Integrations
APPROVED

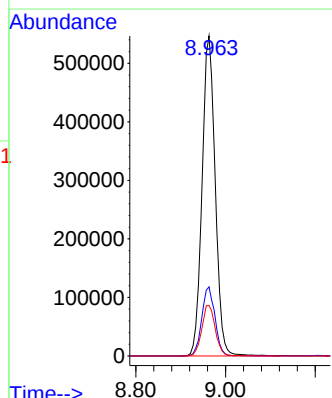
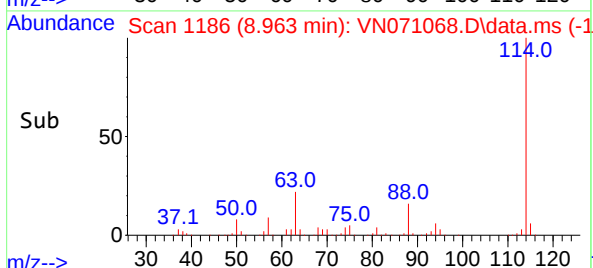
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

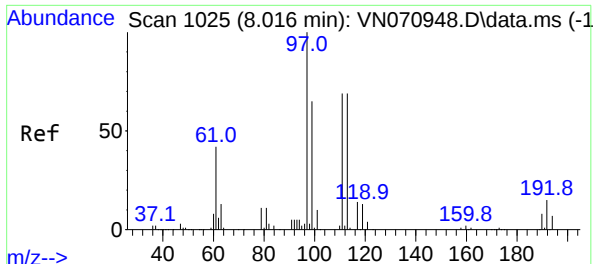


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



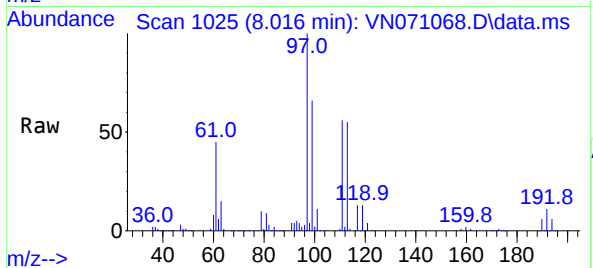
Tgt Ion:114 Resp: 1111517
Ion Ratio Lower Upper
114 100
63 21.6 0.0 37.8
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.105 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

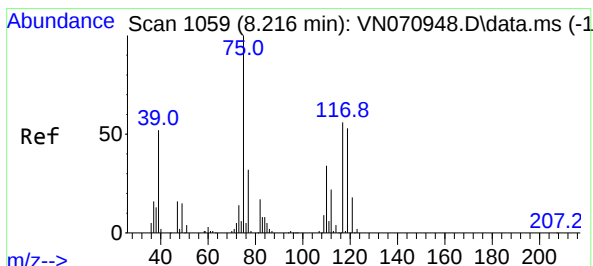
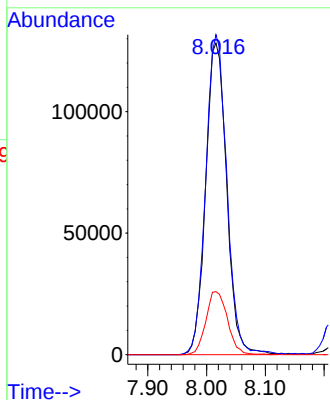
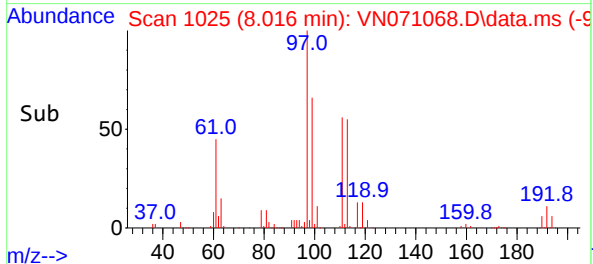
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



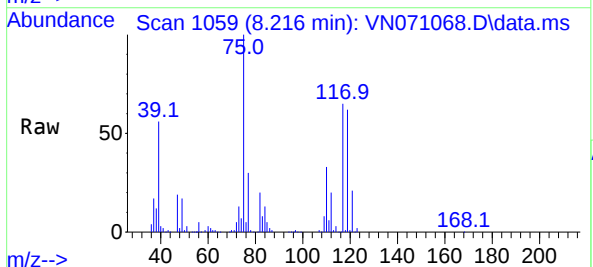
Tgt Ion:113 Resp: 318036
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.7 16.9 25.3

Manual Integrations
APPROVED

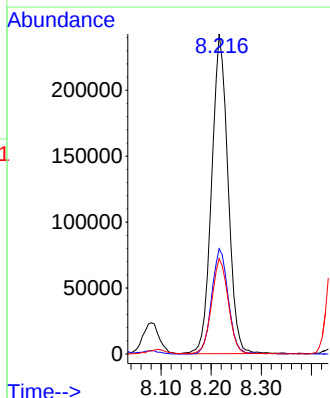
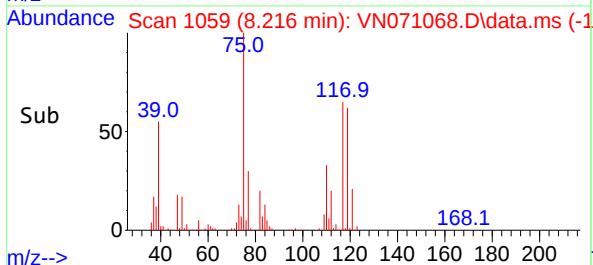
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

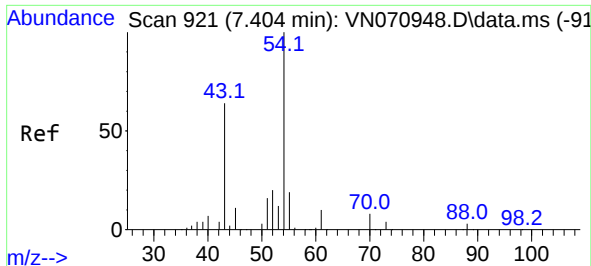


#36
1,1-Dichloropropene
Concen: 50.562 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



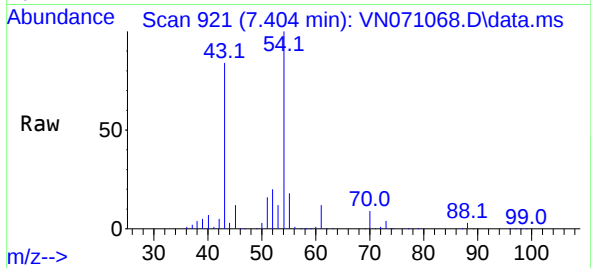
Tgt Ion: 75 Resp: 547664
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 56.025 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

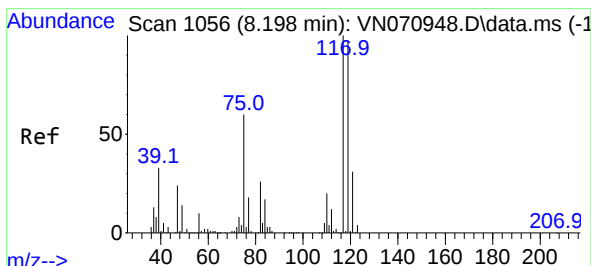
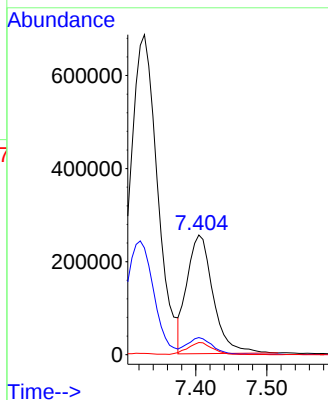
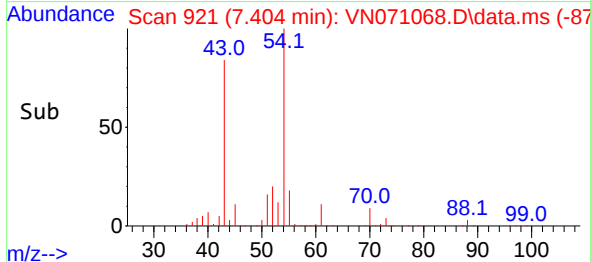
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



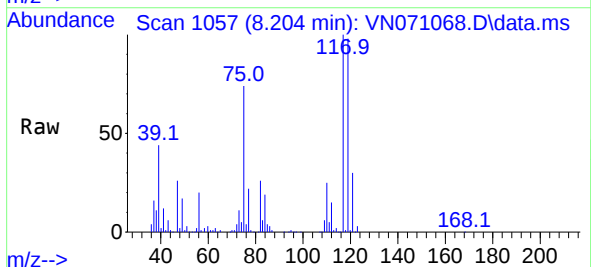
Tgt Ion: 43 Resp: 650814
Ion Ratio Lower Upper
43 100
61 13.9 11.5 17.3
70 9.7 7.9 11.9

Manual Integrations
APPROVED

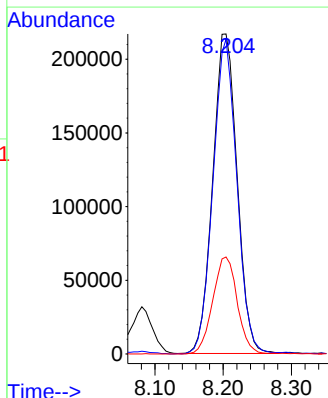
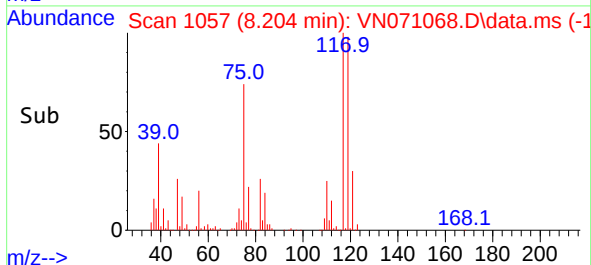
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

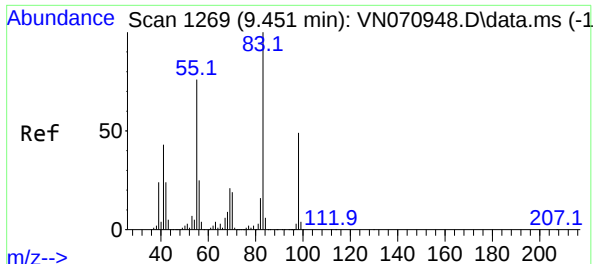


#38
Carbon Tetrachloride
Concen: 50.571 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



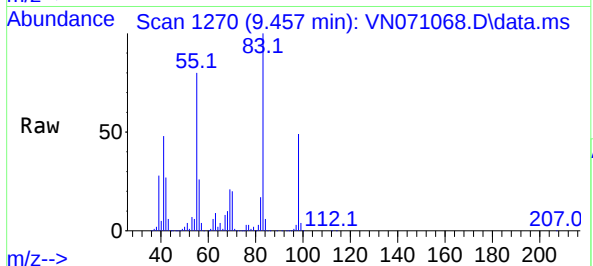
Tgt Ion:117 Resp: 539714
Ion Ratio Lower Upper
117 100
119 98.5 76.1 114.1
121 30.4 24.2 36.2





#39
Methylcyclohexane
Concen: 48.865 ug/l
RT: 9.457 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

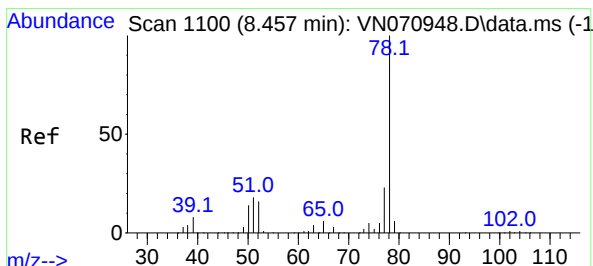
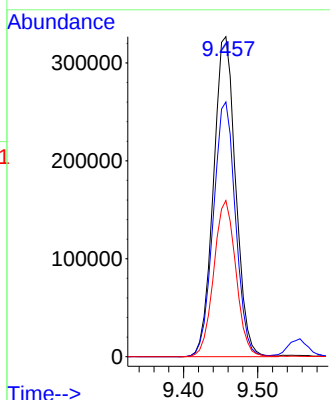
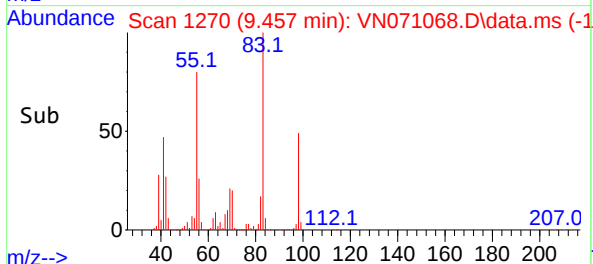
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



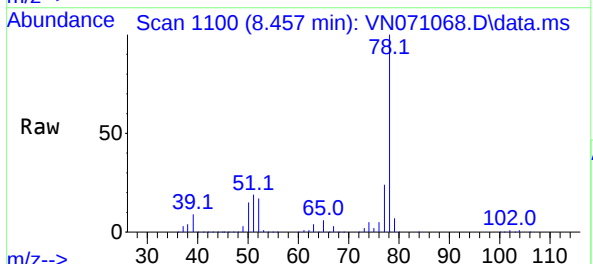
Tgt Ion: 83 Resp: 68105
Ion Ratio Lower Upper
83 100
55 79.6 58.1 87.1
98 48.8 38.4 57.6

Manual Integrations
APPROVED

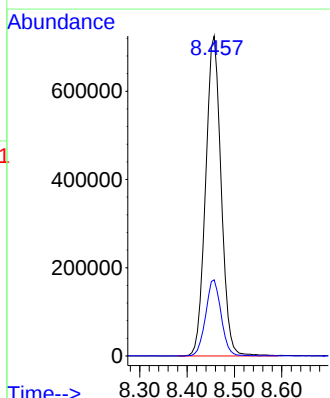
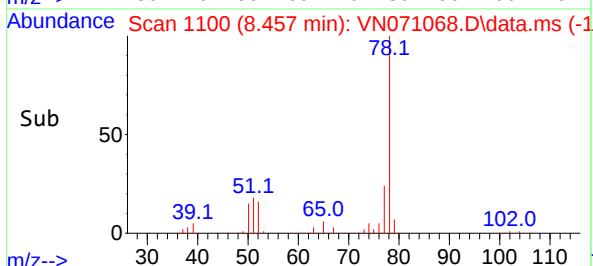
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

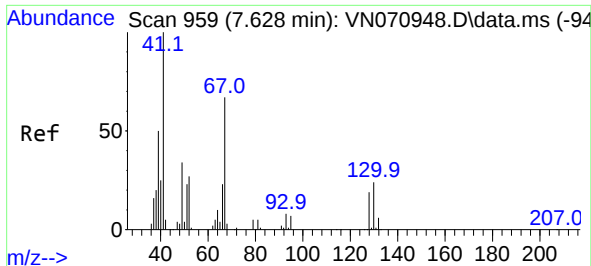


#40
Benzene
Concen: 51.431 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



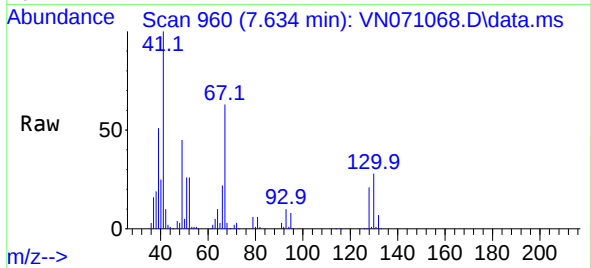
Tgt Ion: 78 Resp: 1647829
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 55.932 ug/l
RT: 7.634 min Scan# 959
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

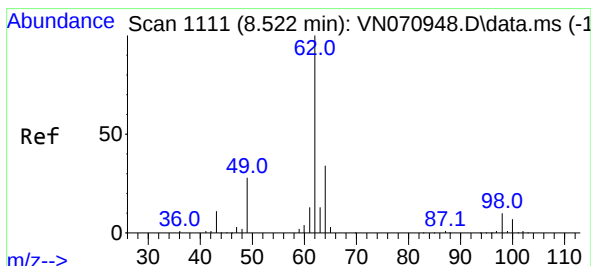
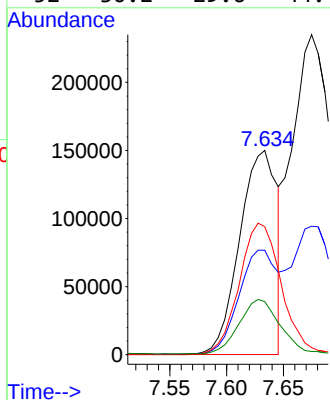
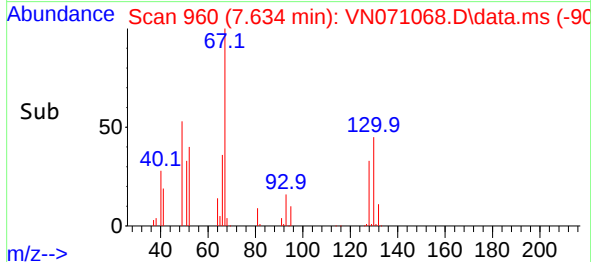
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion: 41 Resp: 342198
Ion Ratio Lower Upper
41 100
39 51.5 48.1 72.1
67 73.8 68.3 102.5
52 30.2 29.6 44.4

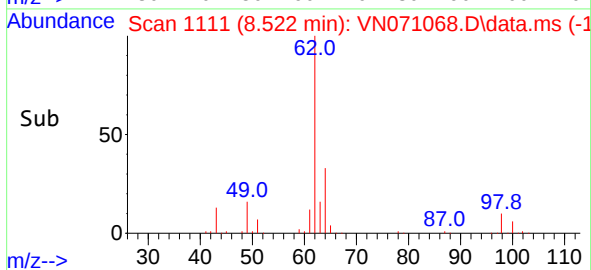
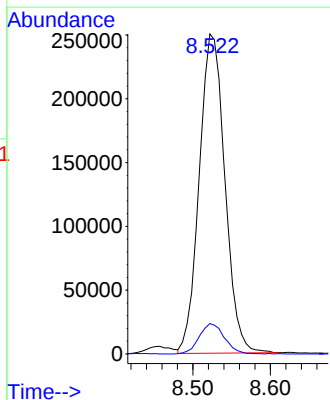
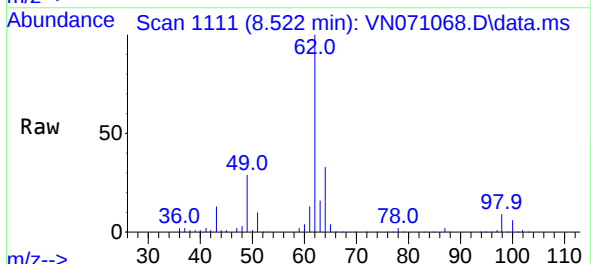
Manual Integrations
APPROVED

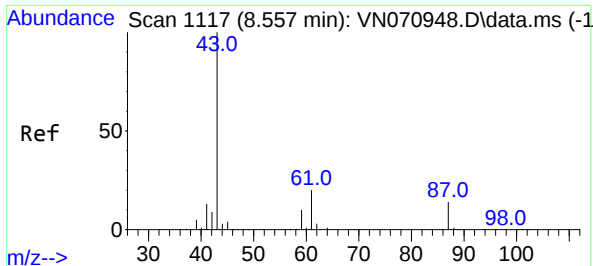
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#42
1,2-Dichloroethane
Concen: 52.768 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

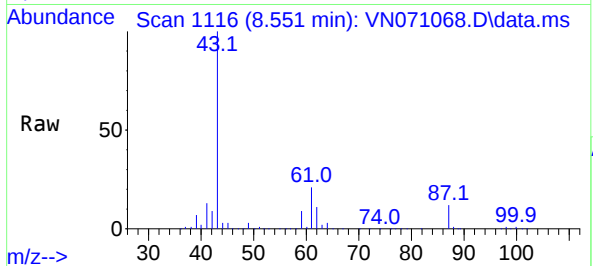
Tgt Ion: 62 Resp: 575810
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 58.791 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

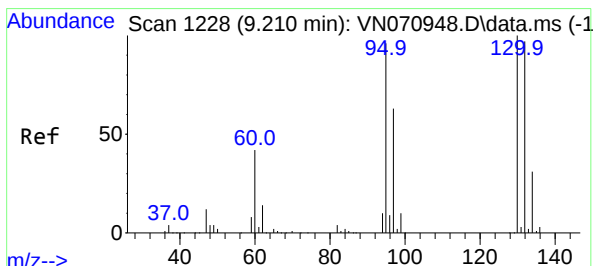
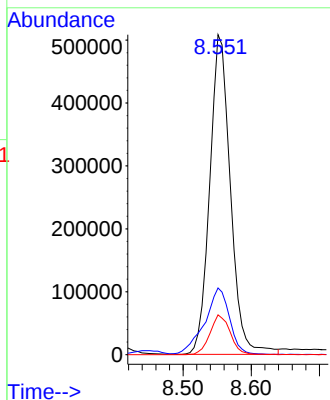
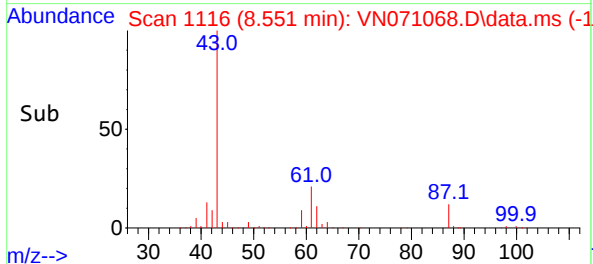
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



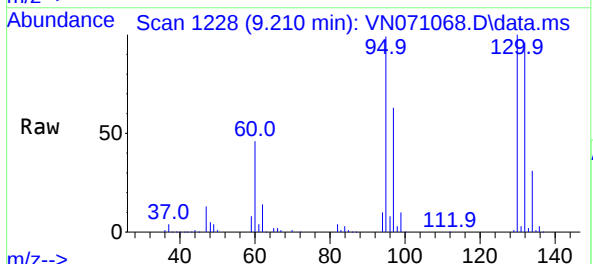
Tgt Ion: 43 Resp: 1076470
Ion Ratio Lower Upper
43 100
61 25.0 20.4 30.6
87 12.2 11.2 16.8

Manual Integrations
APPROVED

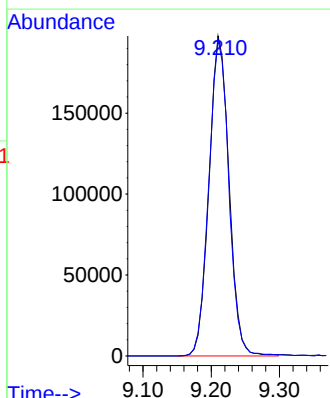
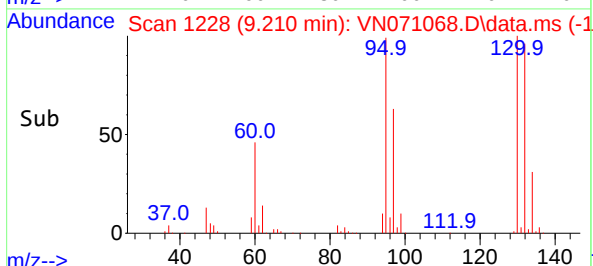
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

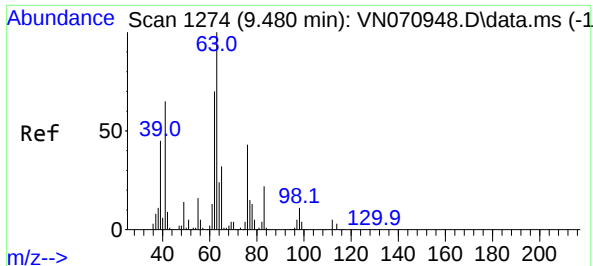


#44
Trichloroethene
Concen: 47.849 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



Tgt Ion:130 Resp: 403698
Ion Ratio Lower Upper
130 100
95 98.7 0.0 191.2





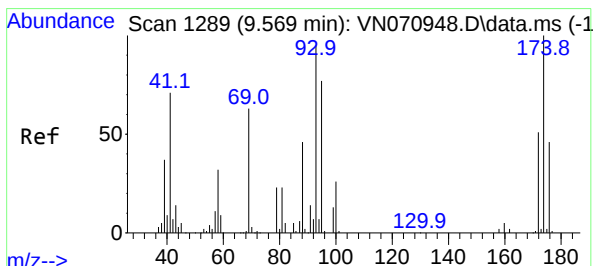
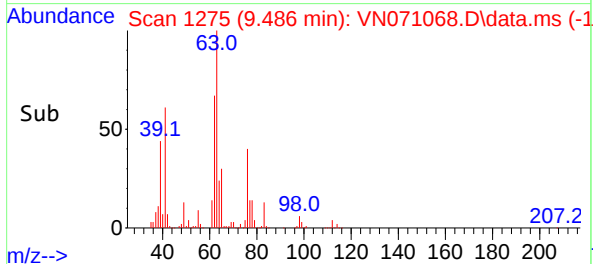
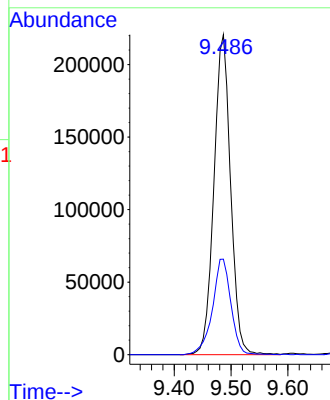
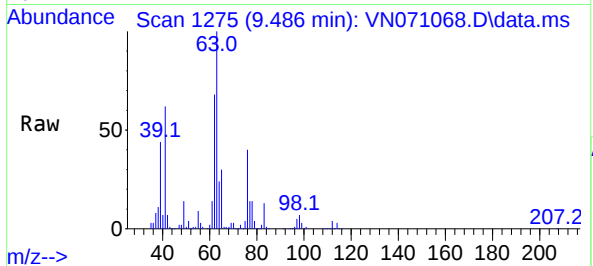
#45
1,2-Dichloropropane
Concen: 54.817 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 449888
Ion Ratio Lower Upper
63 100
65 29.8 24.7 37.1

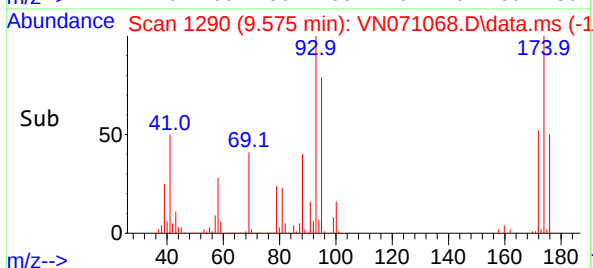
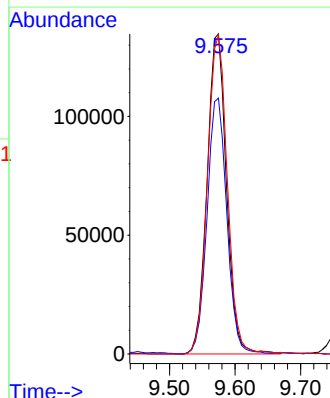
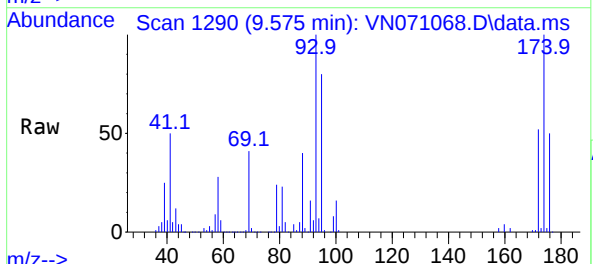
Manual Integrations
APPROVED

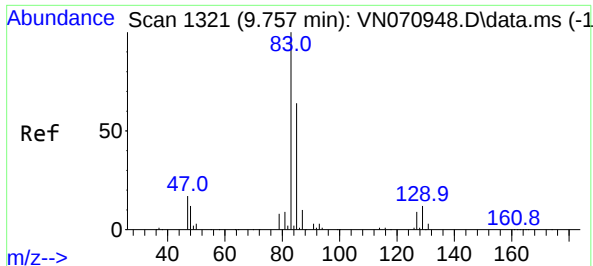
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#46
Dibromomethane
Concen: 51.502 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Tgt Ion: 93 Resp: 278165
Ion Ratio Lower Upper
93 100
95 81.3 65.9 98.9
174 101.5 84.6 127.0





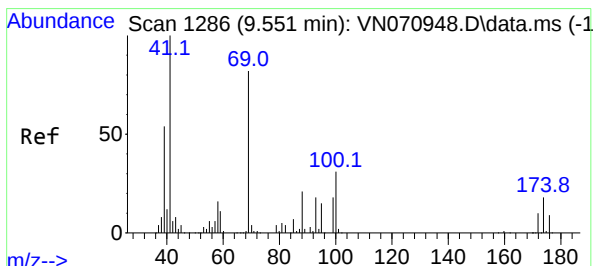
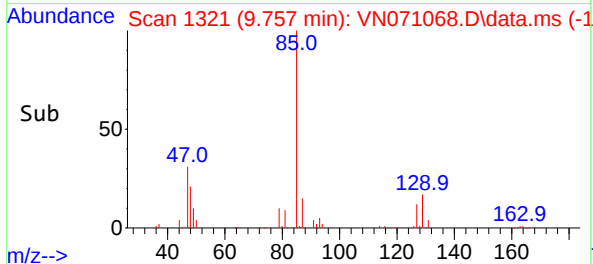
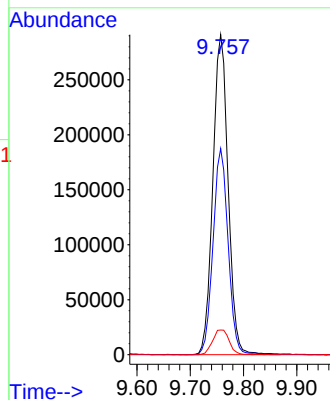
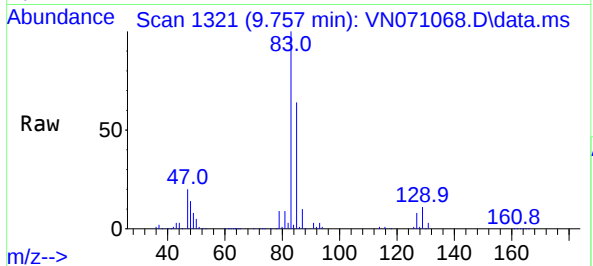
#47
Bromodichloromethane
Concen: 52.982 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 578333
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 7.7 7.1 10.7

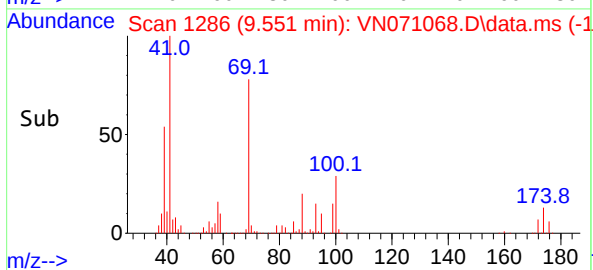
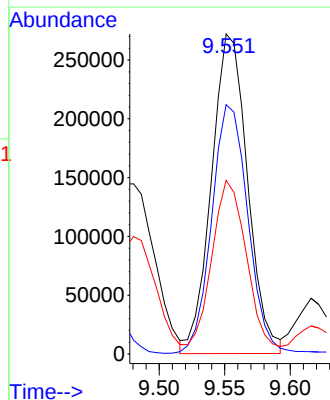
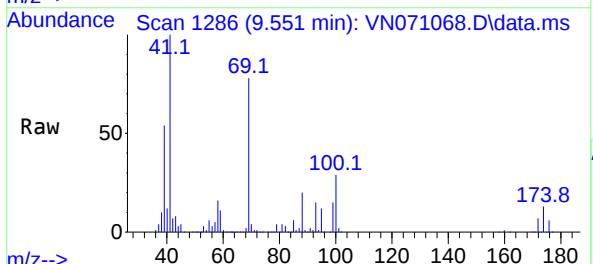
Manual Integrations
APPROVED

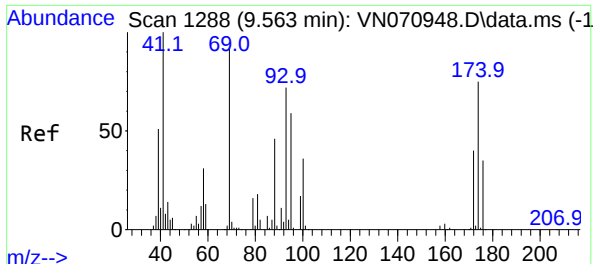
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#48
Methyl methacrylate
Concen: 60.138 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

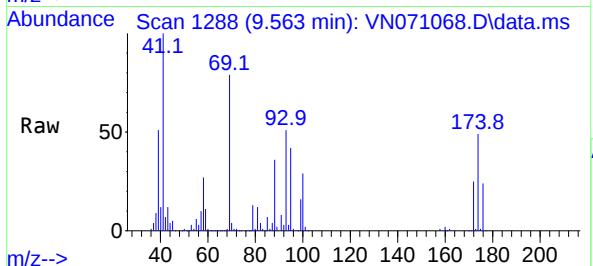
Tgt Ion: 41 Resp: 521201
Ion Ratio Lower Upper
41 100
69 78.7 72.4 108.6
39 52.3 58.4 87.6#





#49
1,4-Dioxane
Concen: 1083.916 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

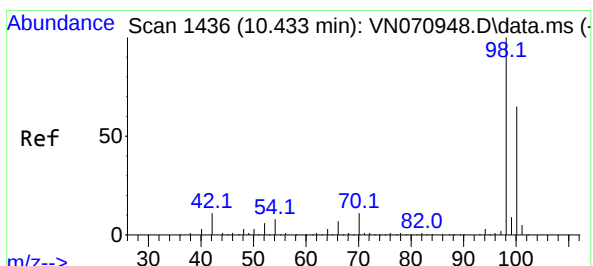
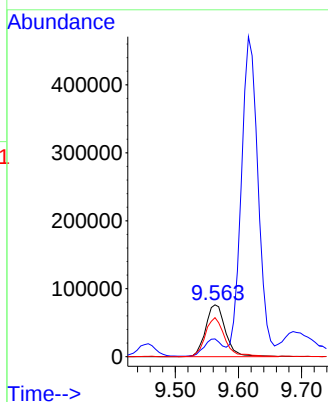
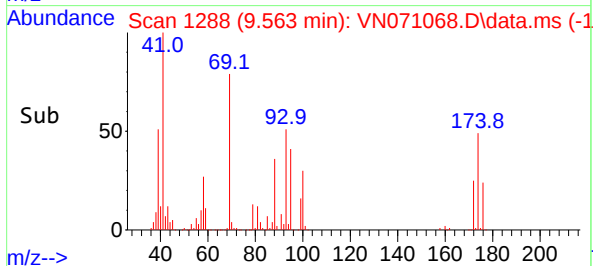
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



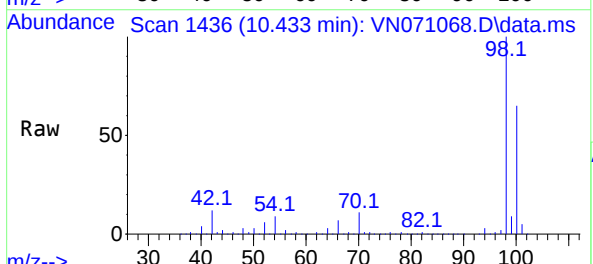
Tgt Ion: 88 Resp: 166850
Ion Ratio Lower Upper
88 100
43 31.1 23.4 35.2
58 74.5 50.6 75.8

Manual Integrations
APPROVED

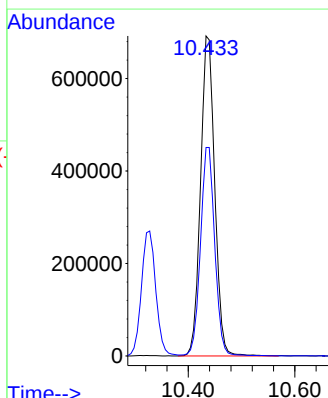
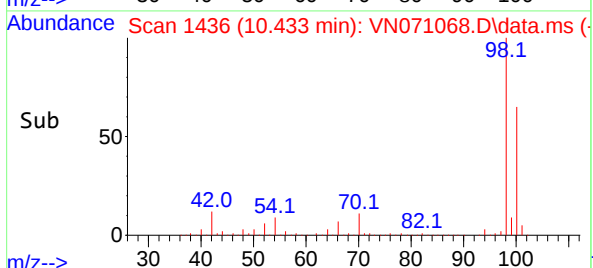
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

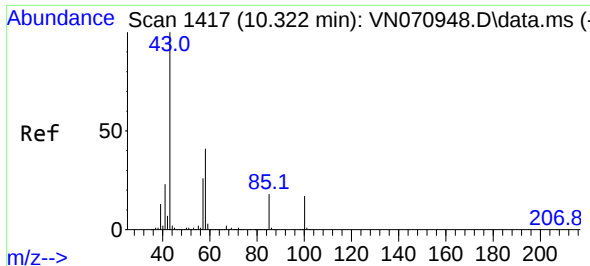


#50
Toluene-d8
Concen: 48.105 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



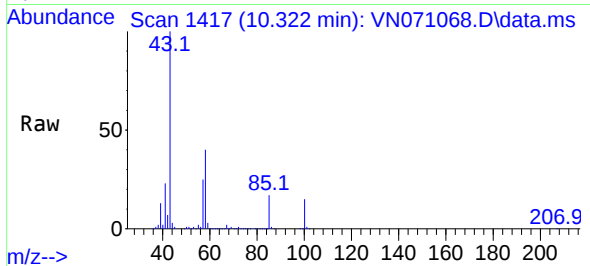
Tgt Ion: 98 Resp: 1277219
Ion Ratio Lower Upper
98 100
100 65.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 297.425 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

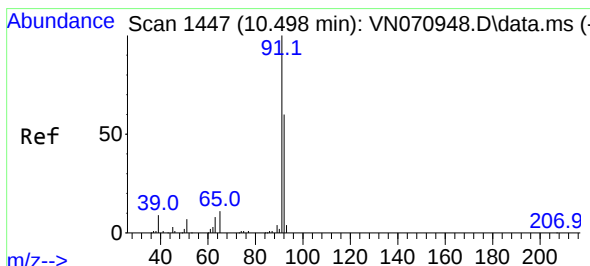
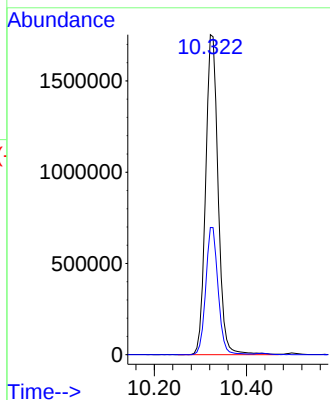
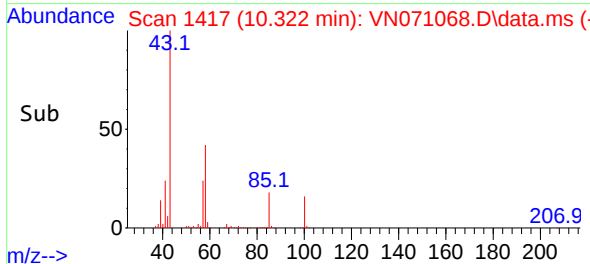
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



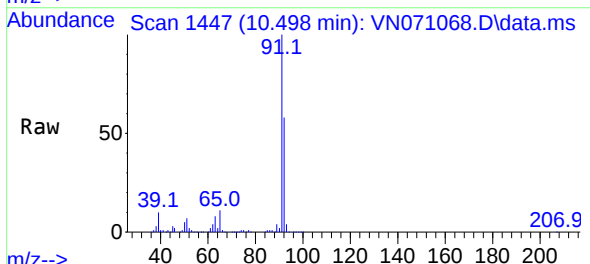
Tgt Ion: 43 Resp: 3313414
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

Manual Integrations
APPROVED

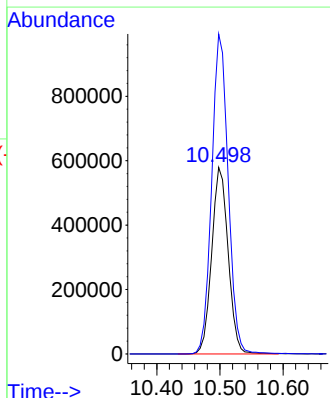
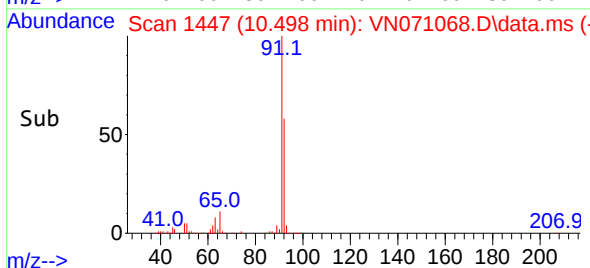
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

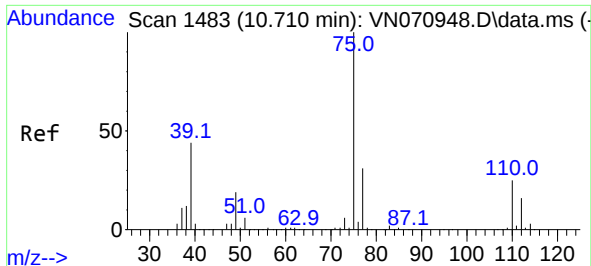


#52
Toluene
Concen: 52.019 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



Tgt Ion: 92 Resp: 1047277
Ion Ratio Lower Upper
92 100
91 172.0 142.0 213.0





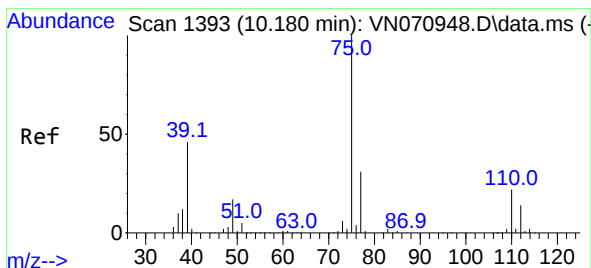
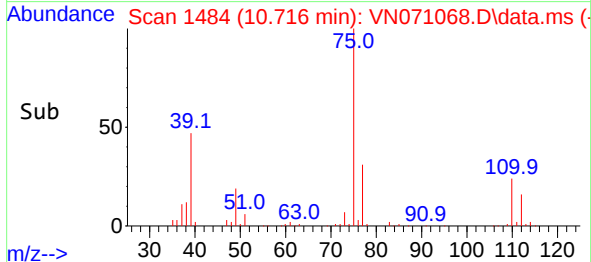
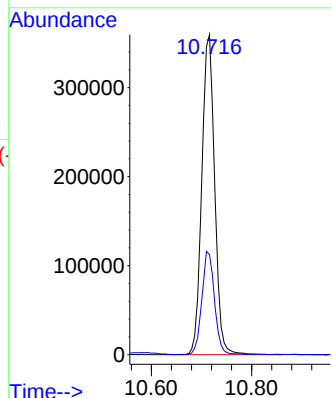
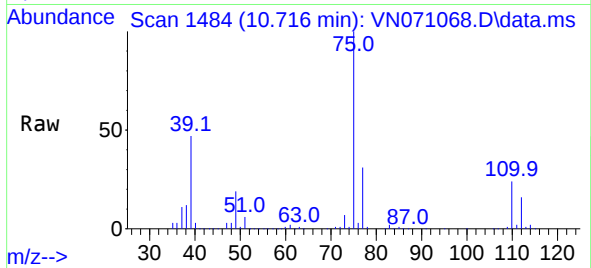
#53
t-1,3-Dichloropropene
Concen: 54.027 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 64127
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

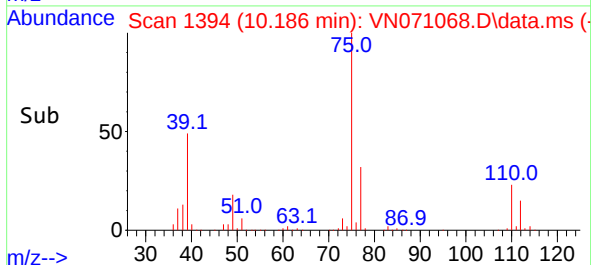
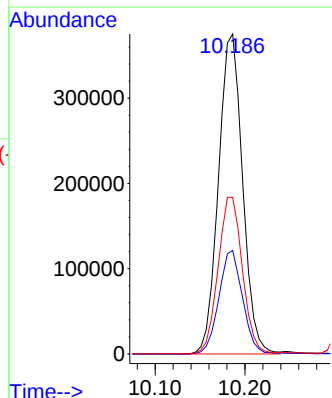
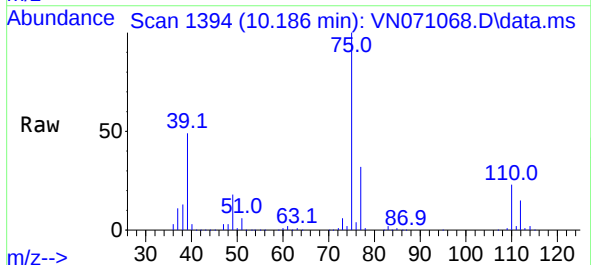
Manual Integrations
APPROVED

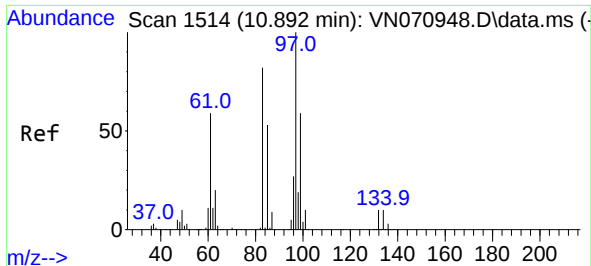
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#54
cis-1,3-Dichloropropene
Concen: 53.664 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

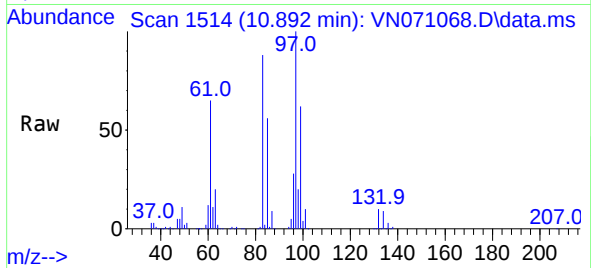
Tgt Ion: 75 Resp: 699502
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
39 48.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 52.007 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

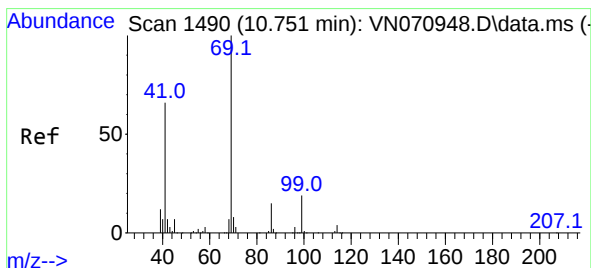
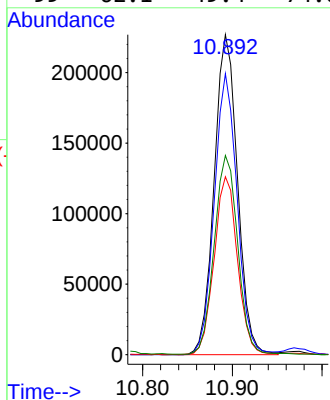
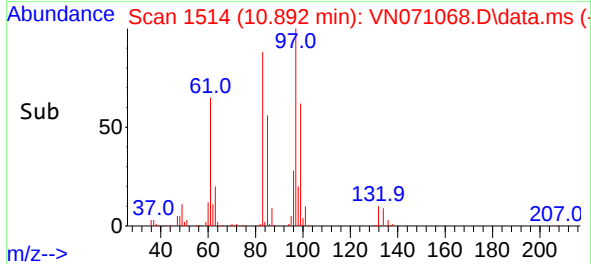


Tgt Ion: 97 Resp: 40984

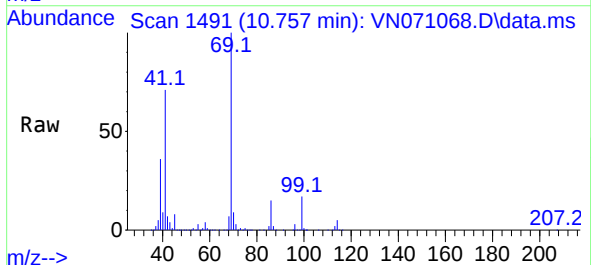
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.8	101.6
85	55.6	45.4	68.2
99	62.1	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

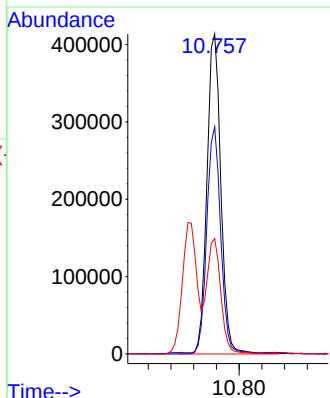
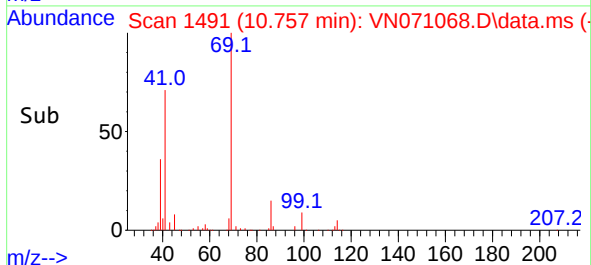


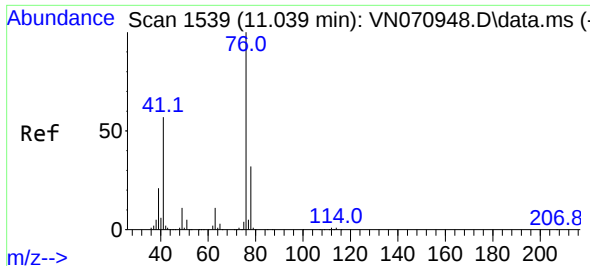
#56
Ethyl methacrylate
Concen: 59.000 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



Tgt Ion: 69 Resp: 700541

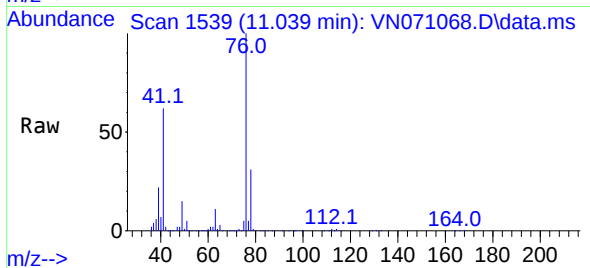
Ion	Ratio	Lower	Upper
69	100		
41	69.7	51.4	77.0
39	36.1	34.6	52.0





#57
1,3-Dichloropropane
Concen: 53.791 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

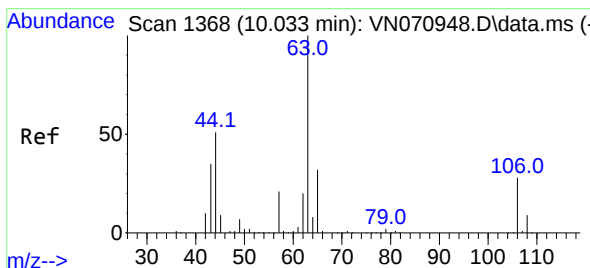
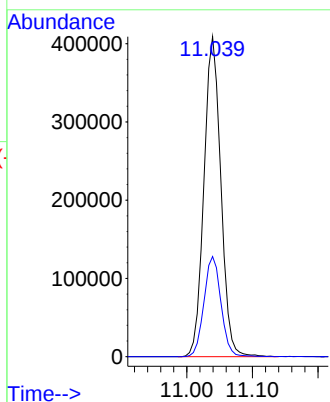
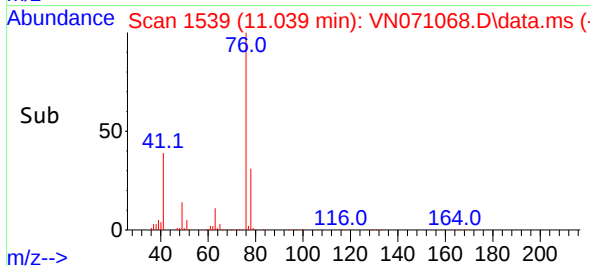
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



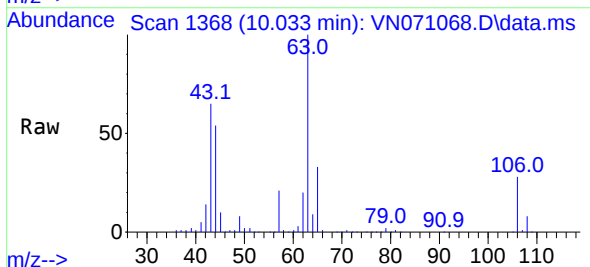
Tgt Ion: 76 Resp: 733240
Ion Ratio Lower Upper
76 100
78 31.6 25.7 38.5

Manual Integrations
APPROVED

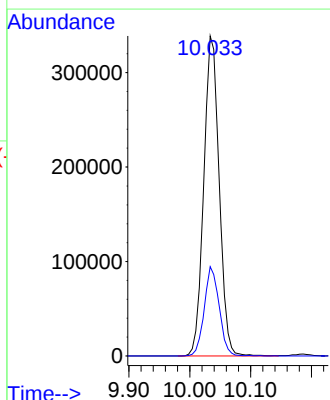
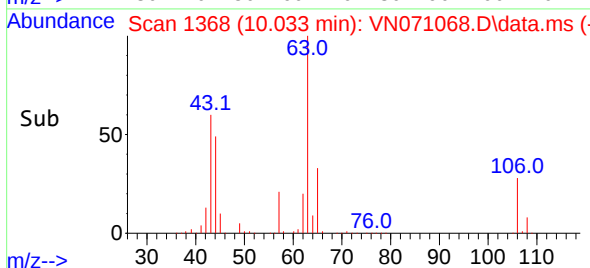
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

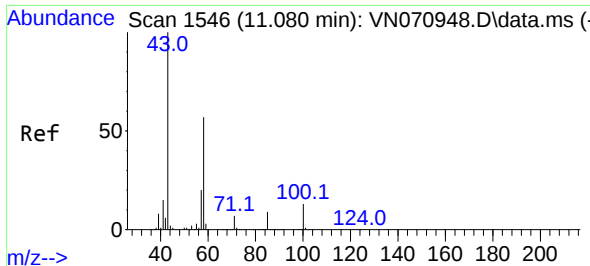


#58
2-Chloroethyl Vinyl ether
Concen: 228.648 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



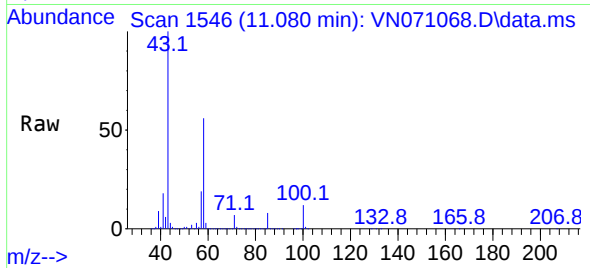
Tgt Ion: 63 Resp: 595676
Ion Ratio Lower Upper
63 100
106 27.0 23.9 35.9





#59
2-Hexanone
Concen: 318.041 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

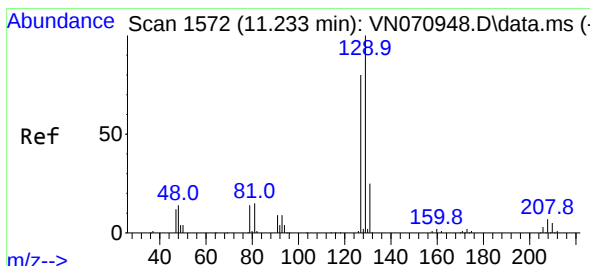
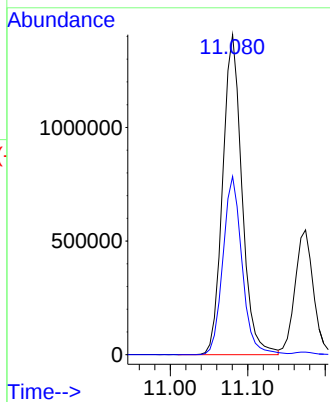
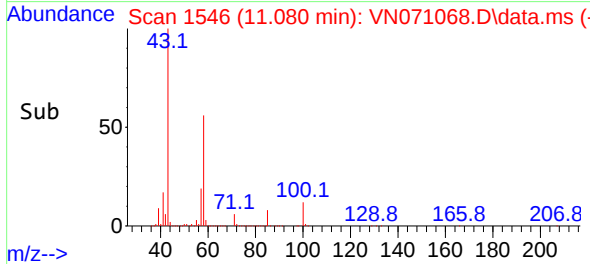
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 243676
Ion Ratio Lower Upper
43 100
58 55.2 26.9 80.7

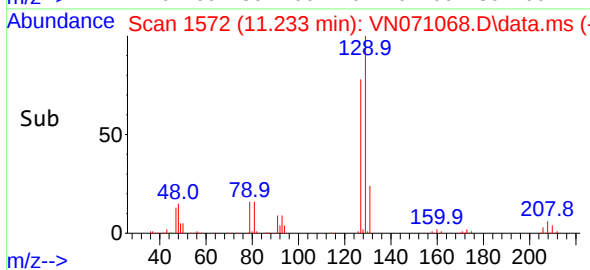
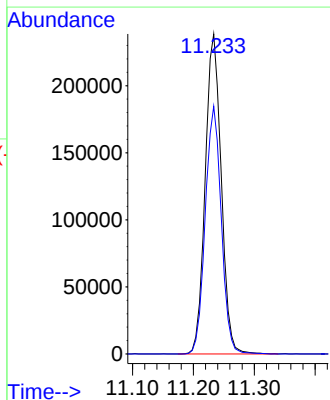
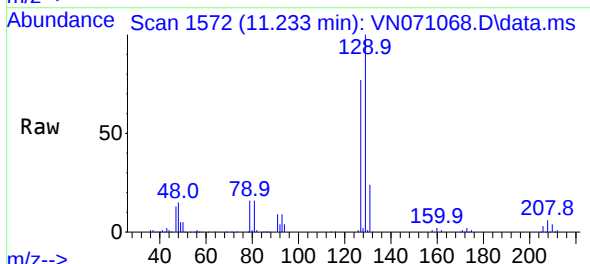
Manual Integrations
APPROVED

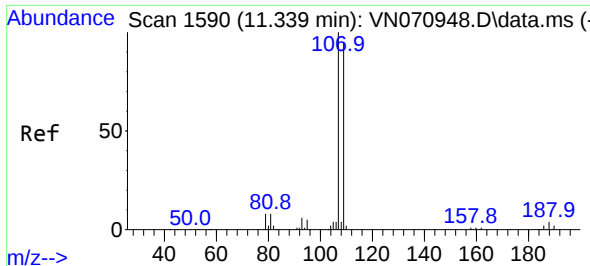
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#60
Dibromochloromethane
Concen: 52.329 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

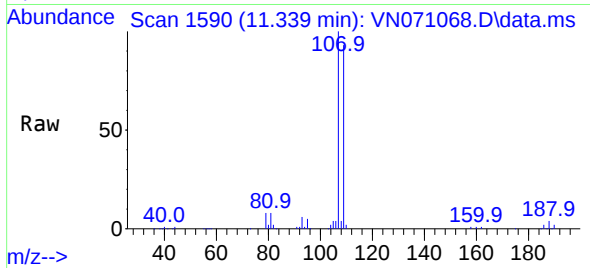
Tgt Ion:129 Resp: 435813
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.084 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

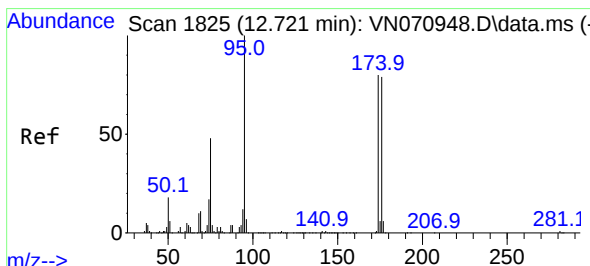
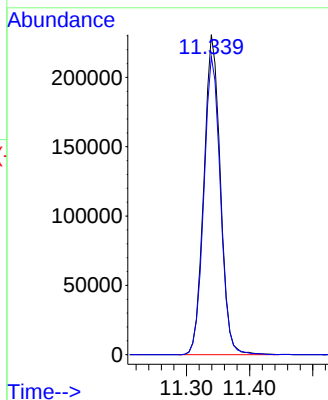
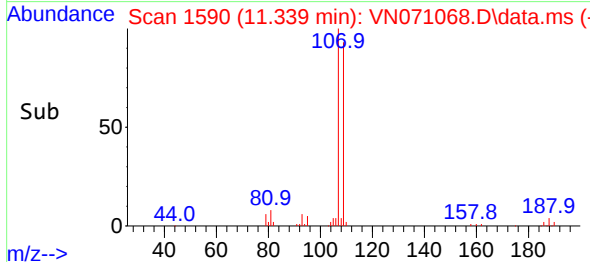
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



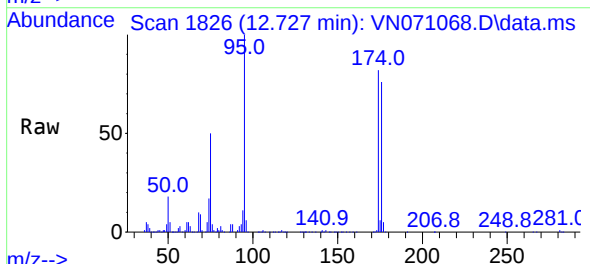
Tgt Ion:107 Resp: 41748
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

Manual Integrations
APPROVED

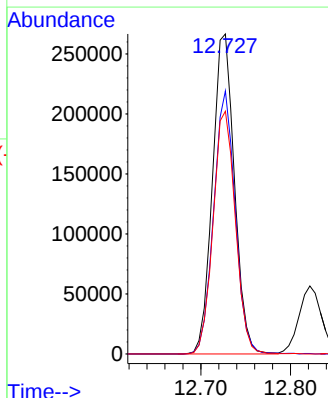
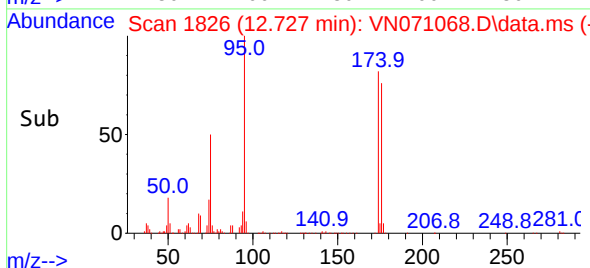
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

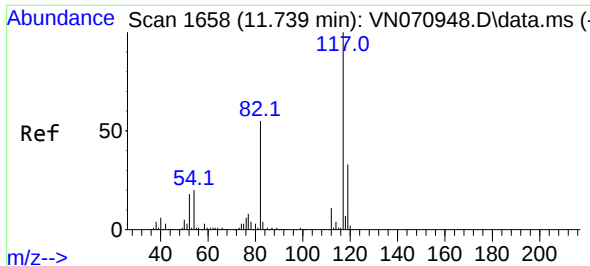


#62
4-Bromofluorobenzene
Concen: 47.698 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



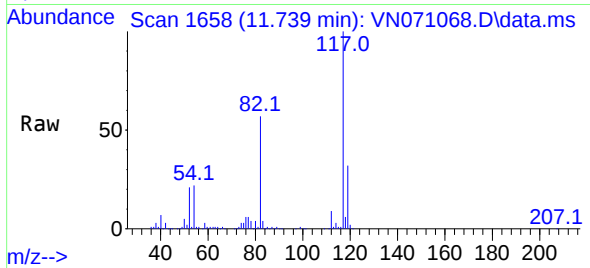
Tgt Ion: 95 Resp: 452670
Ion Ratio Lower Upper
95 100
174 80.6 0.0 187.2
176 77.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

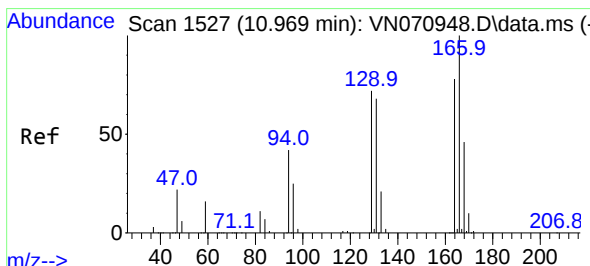
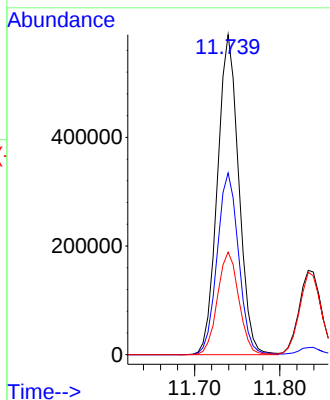
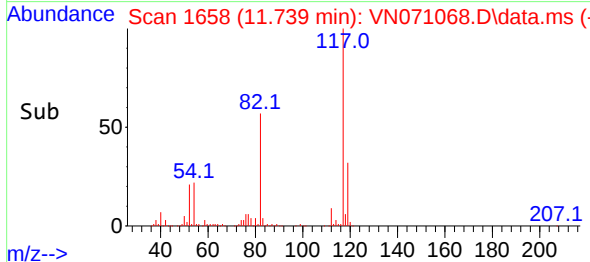
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



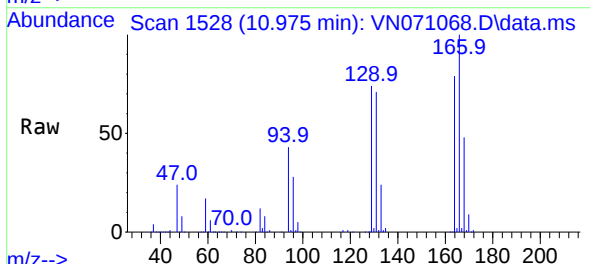
Tgt Ion:117 Resp: 1023498
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

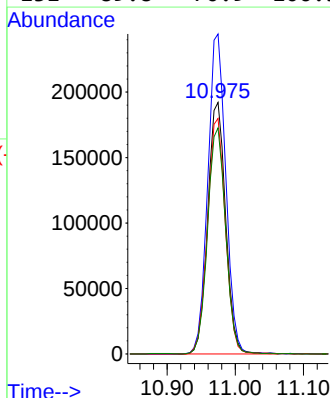
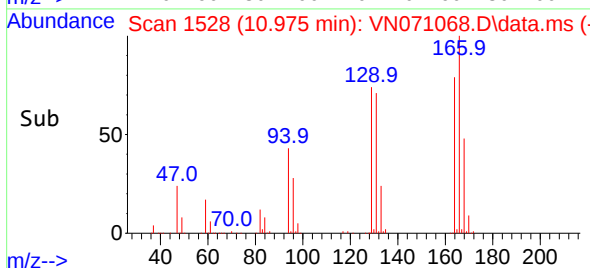
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

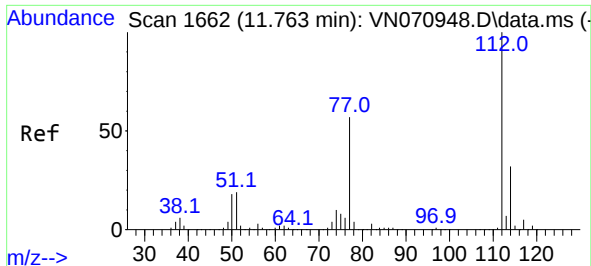


#64
Tetrachloroethene
Concen: 44.189 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



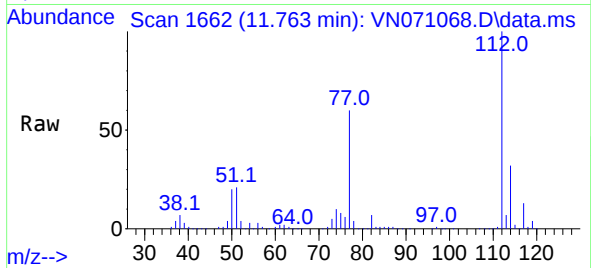
Tgt Ion:164 Resp: 352229
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 93.7 72.0 108.0
131 89.8 70.9 106.3





#65
Chlorobenzene
Concen: 49.931 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

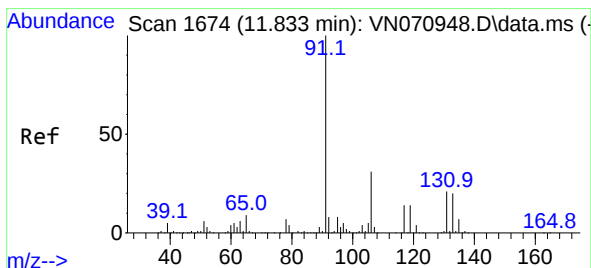
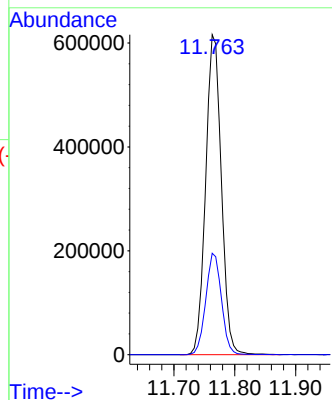
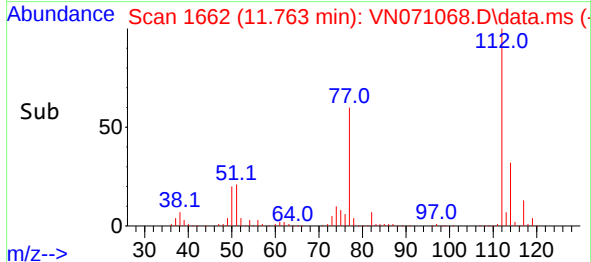
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



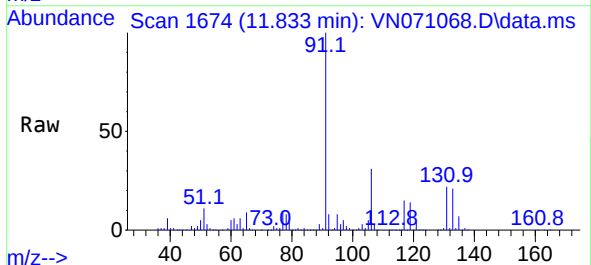
Tgt Ion:112 Resp: 110121
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
APPROVED

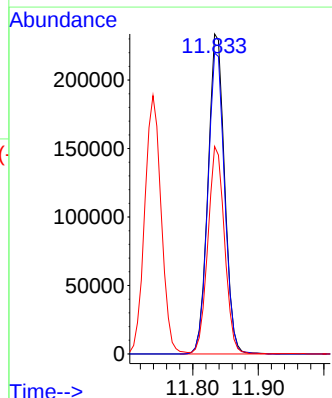
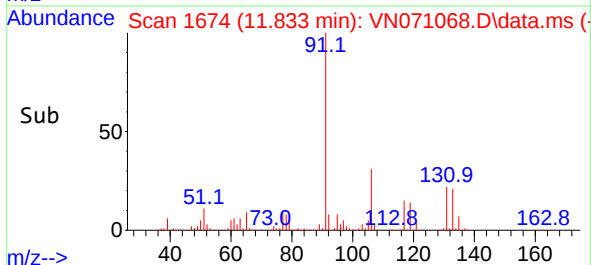
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

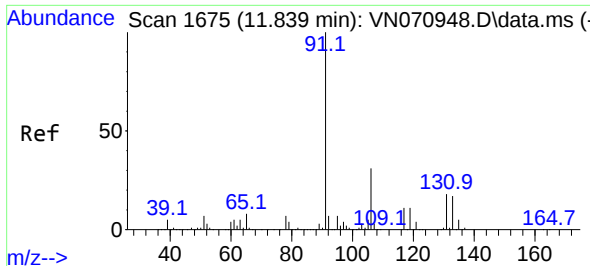


#66
1,1,1,2-Tetrachloroethane
Concen: 51.085 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



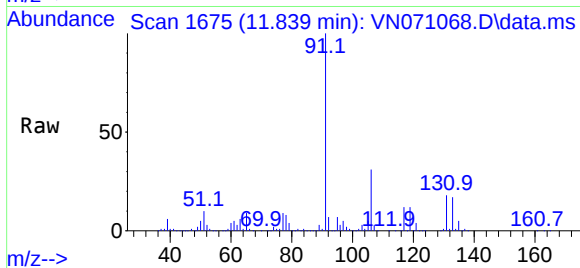
Tgt Ion:131 Resp: 410694
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 65.4 32.1 96.5





#67
Ethyl Benzene
Concen: 52.567 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

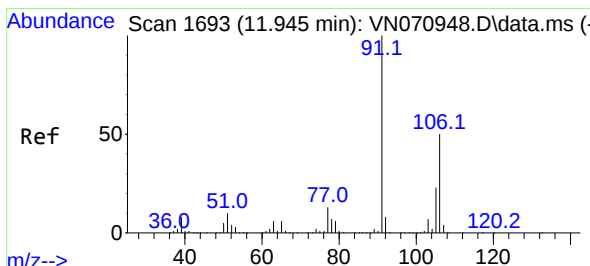
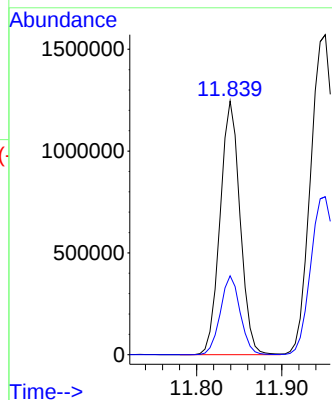
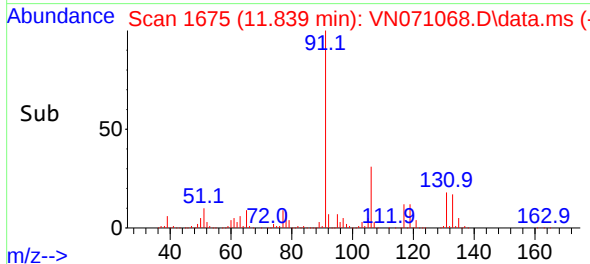
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



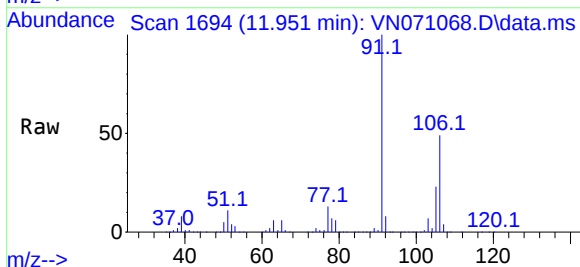
Tgt Ion: 91 Resp: 2029119
Ion Ratio Lower Upper
91 100
106 31.1 25.7 38.5

Manual Integrations
APPROVED

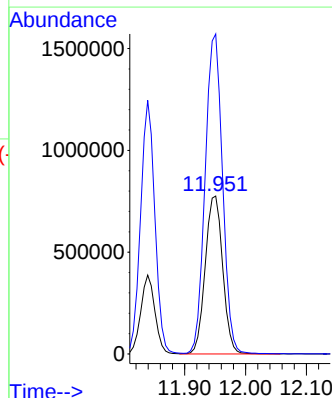
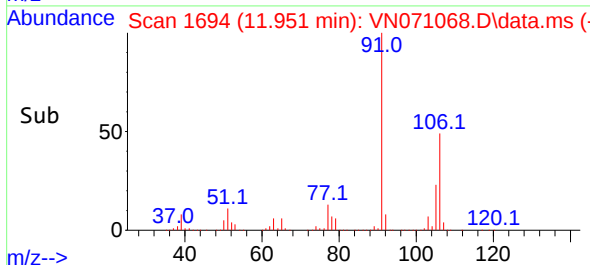
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

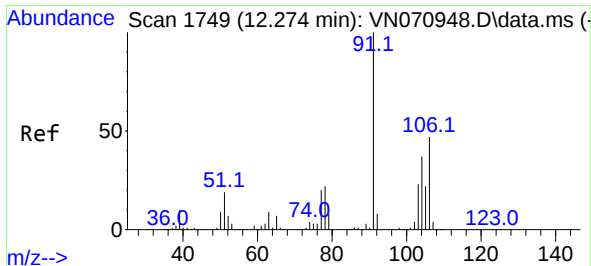


#68
m/p-Xylenes
Concen: 103.622 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



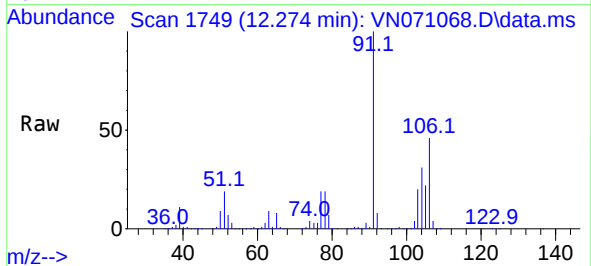
Tgt Ion:106 Resp: 1545033
Ion Ratio Lower Upper
106 100
91 201.6 160.6 240.8





#69
o-Xylene
Concen: 52.513 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

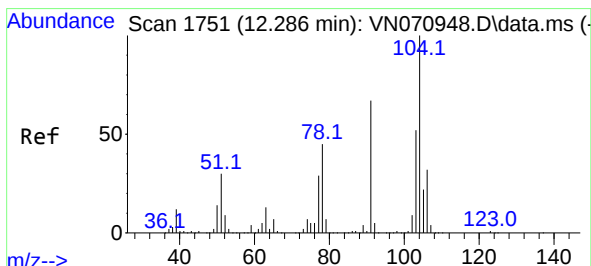
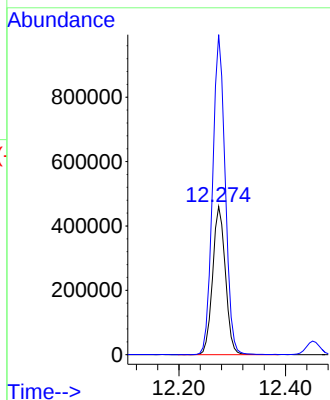
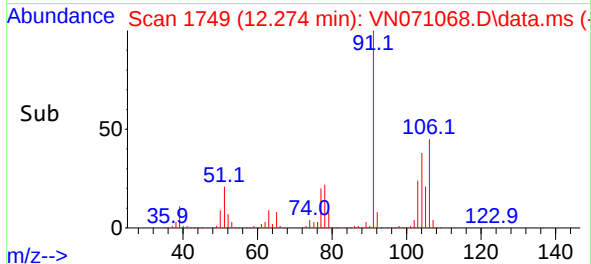
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



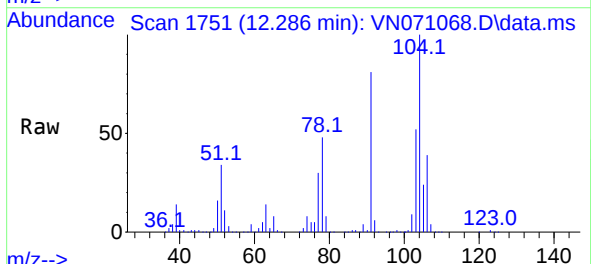
Tgt Ion:106 Resp: 764870
Ion Ratio Lower Upper
106 100
91 213.5 105.8 317.3

Manual Integrations
APPROVED

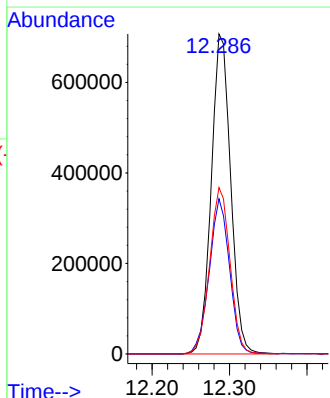
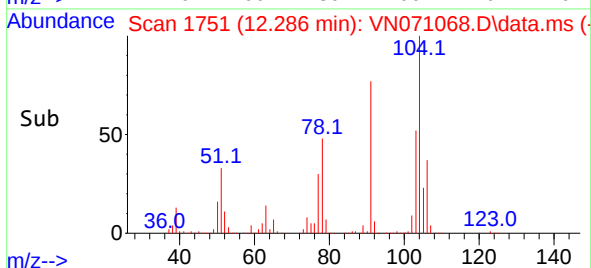
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

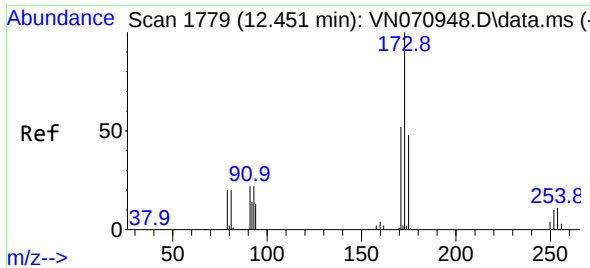


#70
Styrene
Concen: 53.138 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



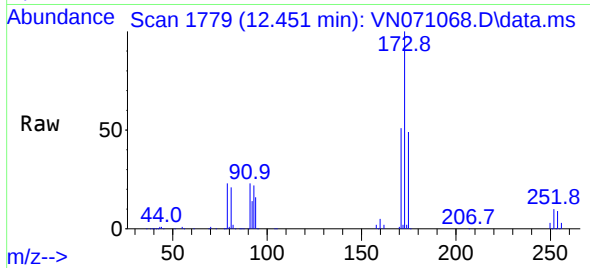
Tgt Ion:104 Resp: 1230675
Ion Ratio Lower Upper
104 100
78 50.9 38.7 58.1
103 54.9 45.0 67.6





#71
Bromoform
Concen: 51.168 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

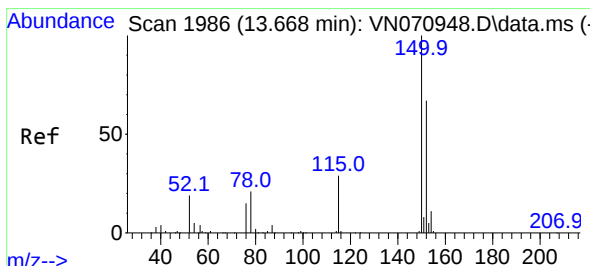
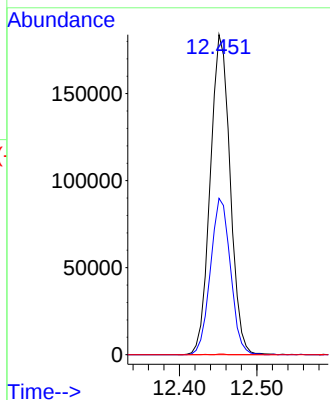
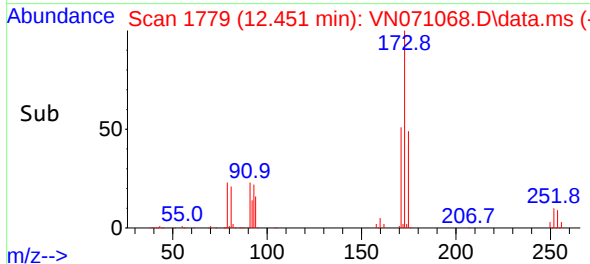
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



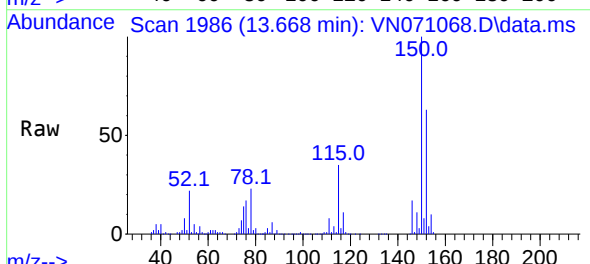
Tgt Ion:173 Resp: 327618
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

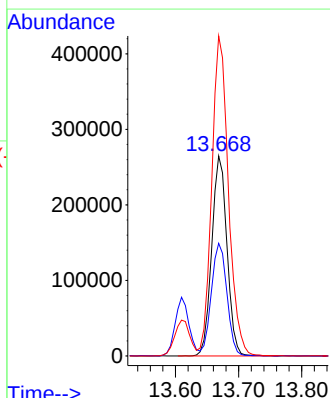
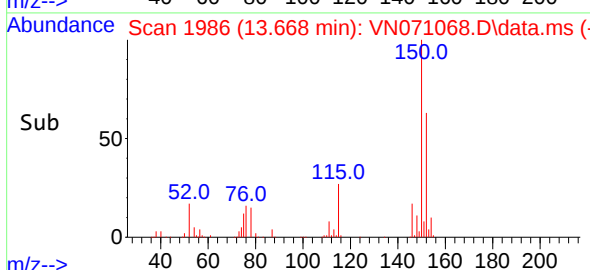
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

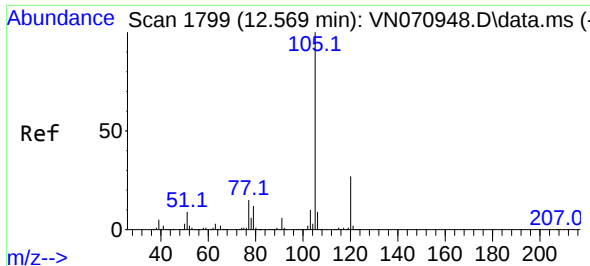


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



Tgt Ion:152 Resp: 442850
Ion Ratio Lower Upper
152 100
115 57.6 27.5 82.5
150 175.2 0.0 344.4





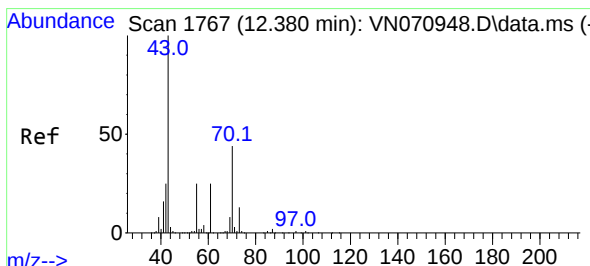
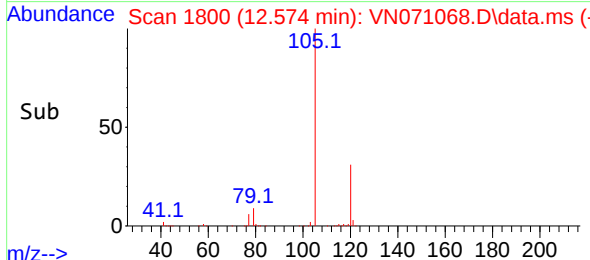
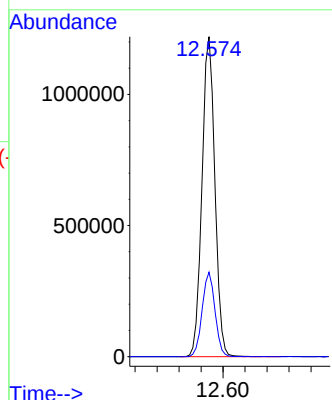
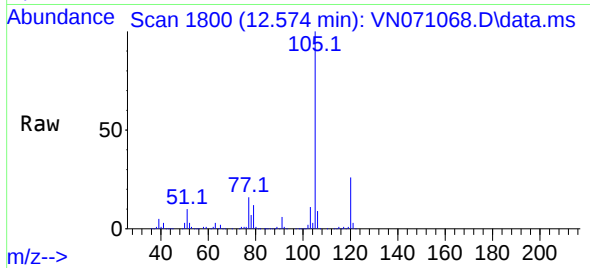
#73
Isopropylbenzene
Concen: 55.726 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 198638
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

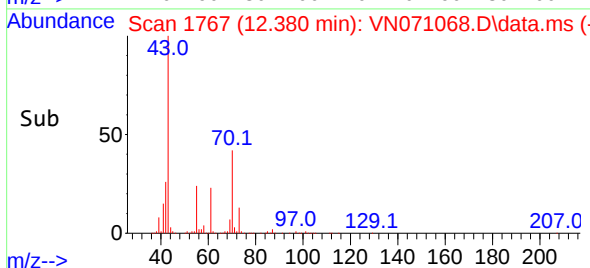
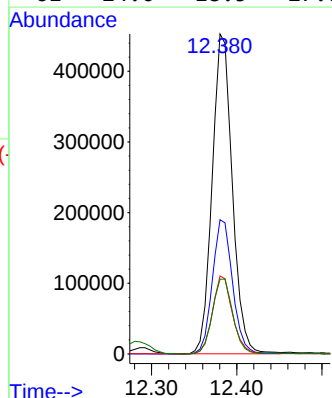
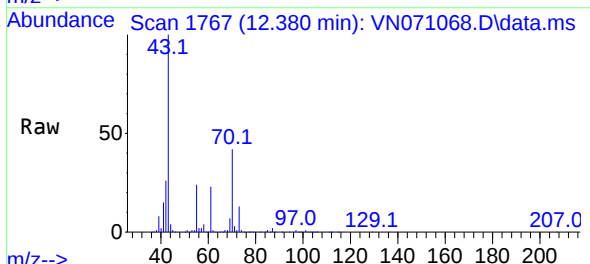
Manual Integrations
APPROVED

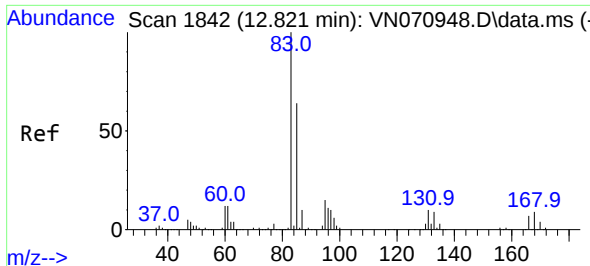
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#74
N-ethyl acetate
Concen: 65.098 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

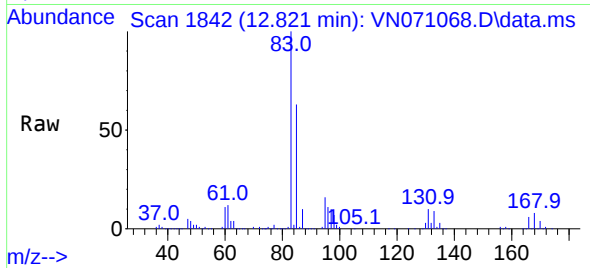
Tgt Ion: 43 Resp: 741749
Ion Ratio Lower Upper
43 100
70 42.4 33.4 50.0
55 24.3 19.3 28.9
61 24.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 54.903 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

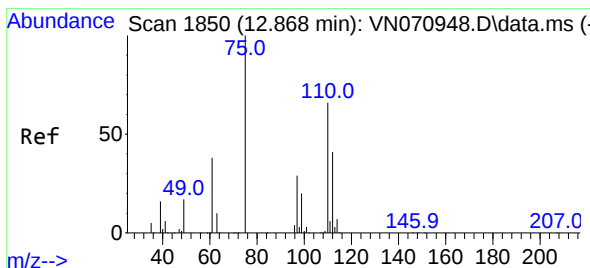
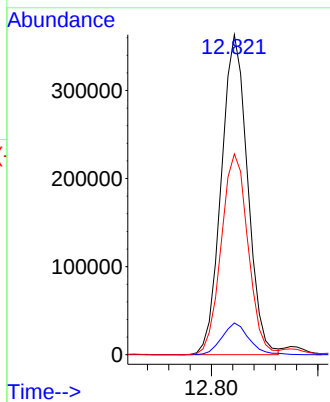
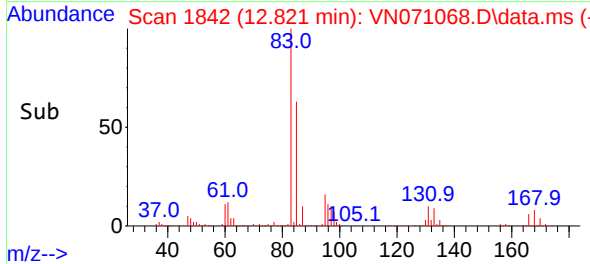
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



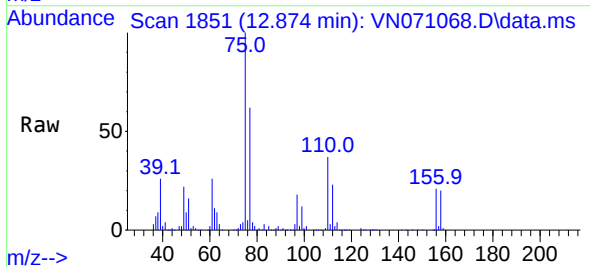
Tgt Ion: 83 Resp: 621898
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

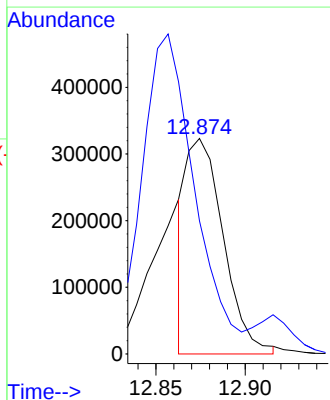
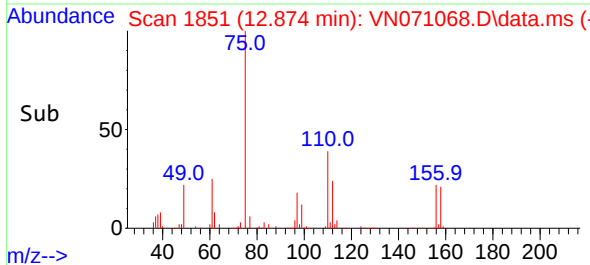
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

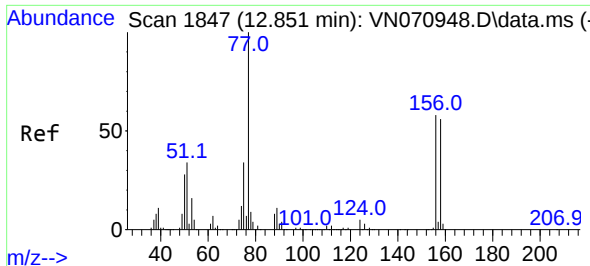


#76
1,2,3-Trichloropropane
Concen: 45.017 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



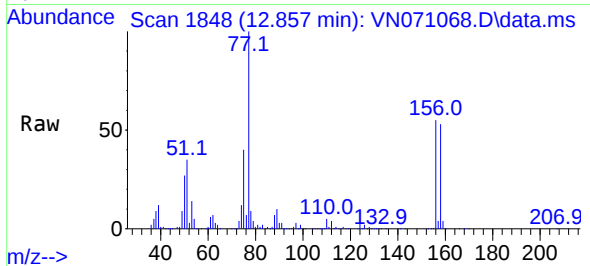
Tgt Ion: 75 Resp: 469391
Ion Ratio Lower Upper
75 100
77 210.1 82.6 247.8





#77
Bromobenzene
Concen: 52.782 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

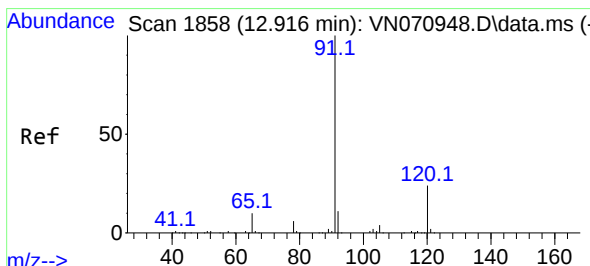
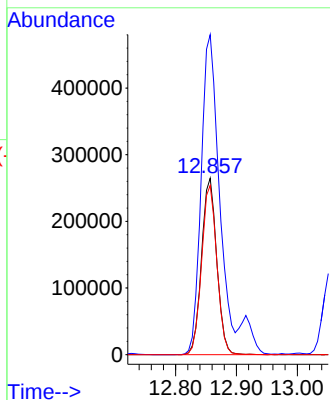
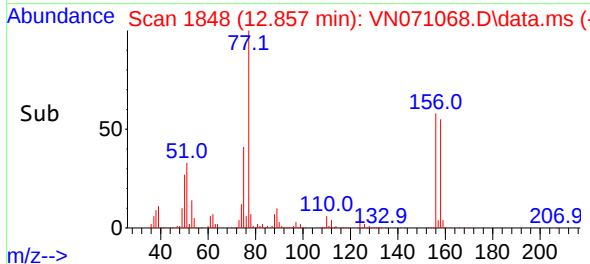
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 46058
Ion Ratio Lower Upper
156 100
77 214.1 90.6 271.8
158 96.3 48.9 146.7

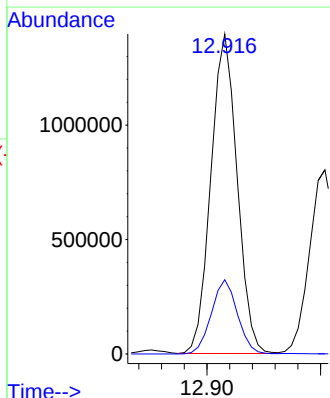
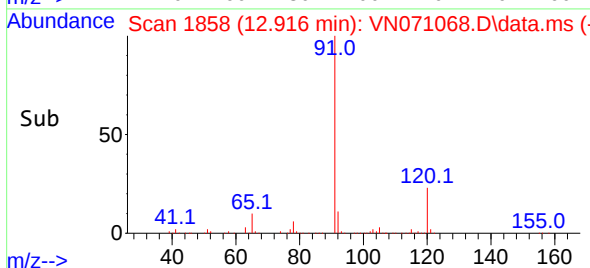
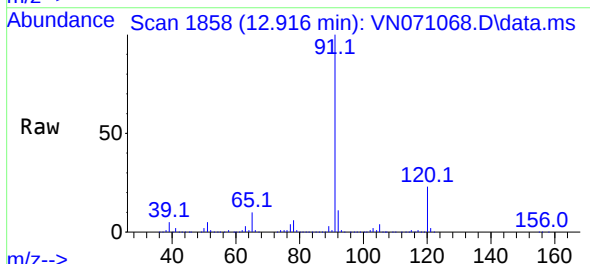
Manual Integrations
APPROVED

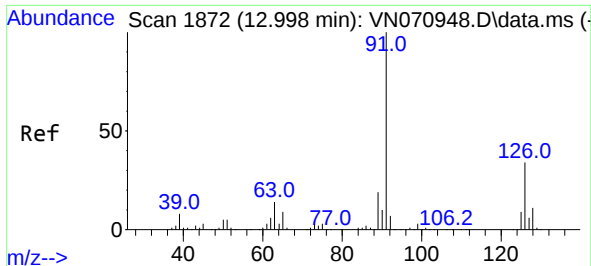
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#78
n-propylbenzene
Concen: 55.961 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Tgt Ion: 91 Resp: 2241212
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9





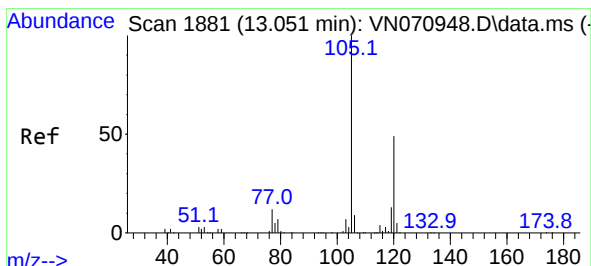
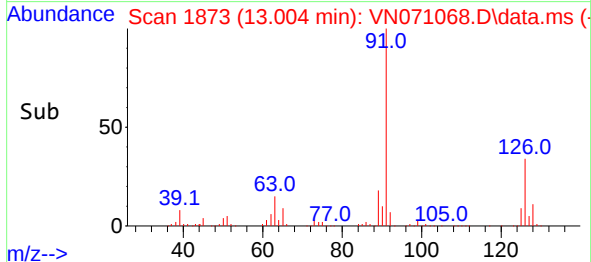
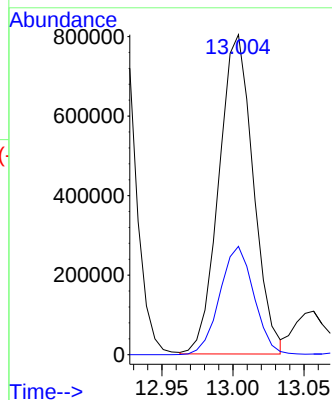
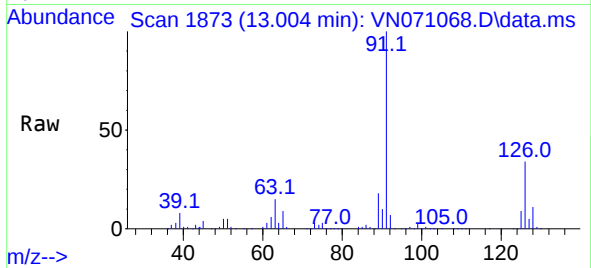
#79
2-Chlorotoluene
Concen: 55.672 ug/l
RT: 13.004 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1354029
Ion Ratio Lower Upper
91 100
126 33.8 18.3 54.8

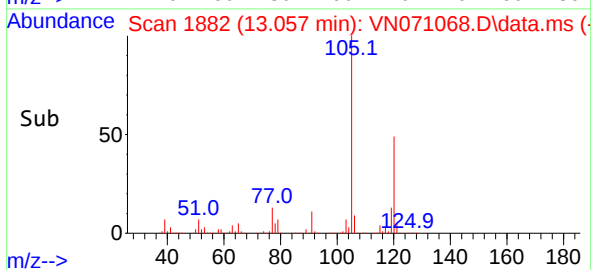
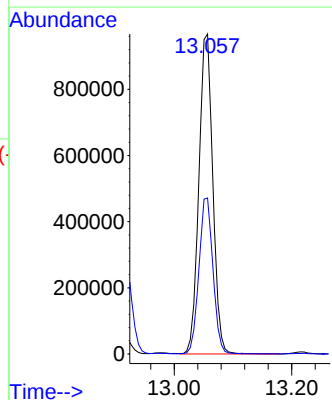
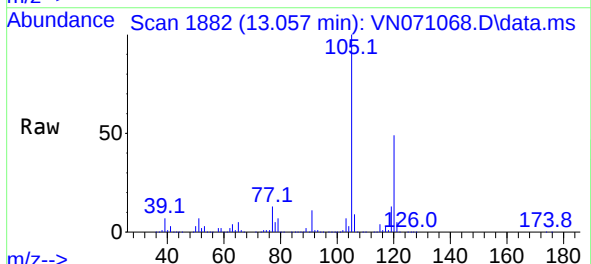
Manual Integrations
APPROVED

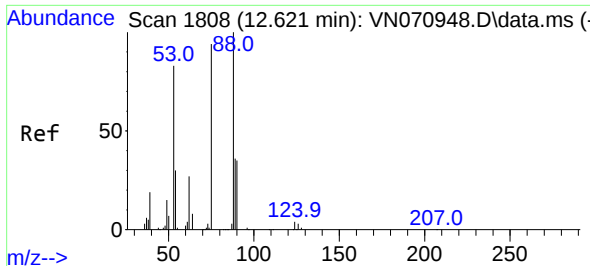
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.943 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

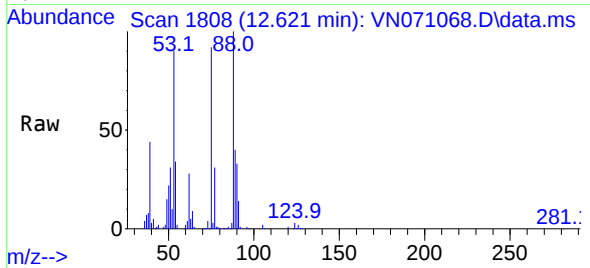
Tgt Ion:105 Resp: 1586666
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 58.864 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

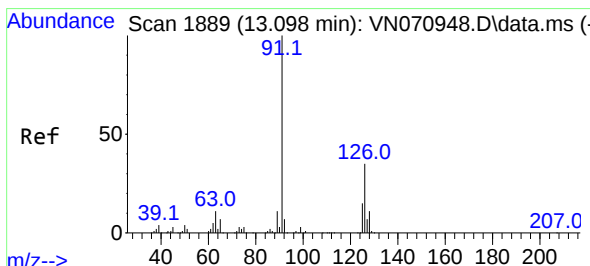
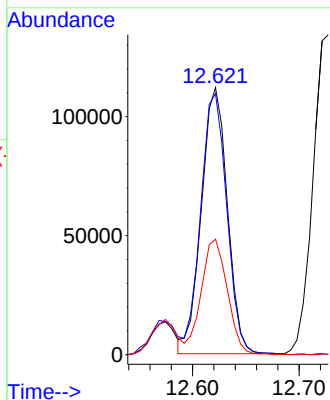
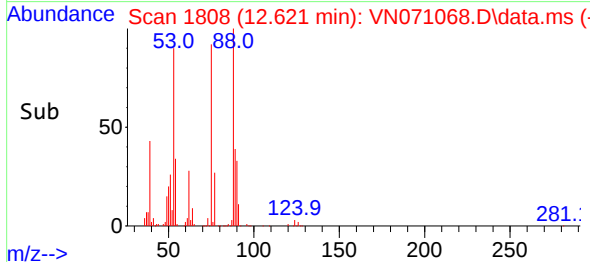
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



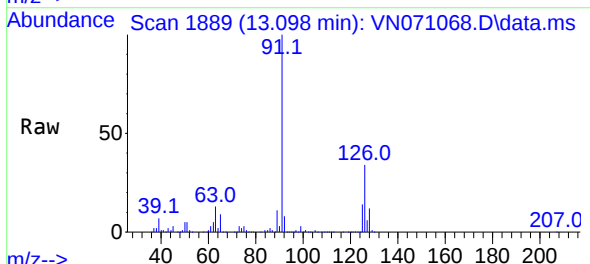
Tgt Ion: 75 Resp: 189410
Ion Ratio Lower Upper
75 100
53 98.5 90.5 135.7
89 43.7 38.2 57.4

Manual Integrations
APPROVED

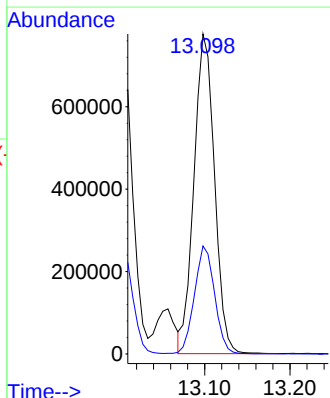
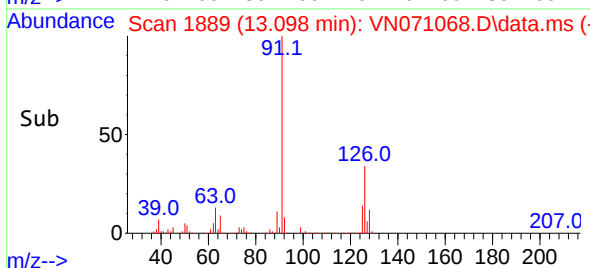
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

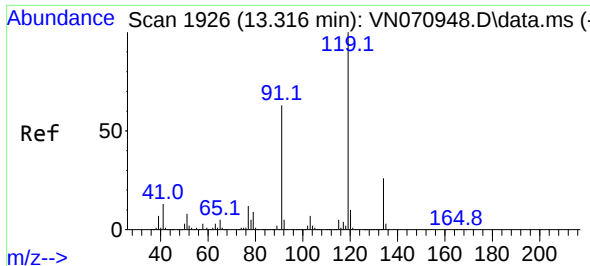


#82
4-Chlorotoluene
Concen: 54.901 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



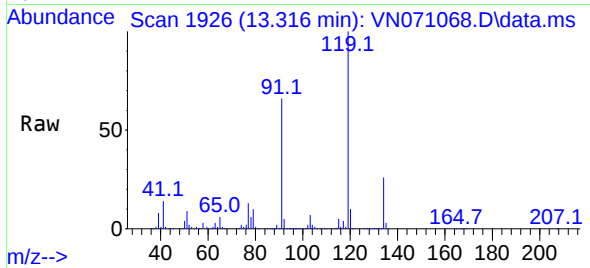
Tgt Ion: 91 Resp: 1296159
Ion Ratio Lower Upper
91 100
126 33.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.918 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

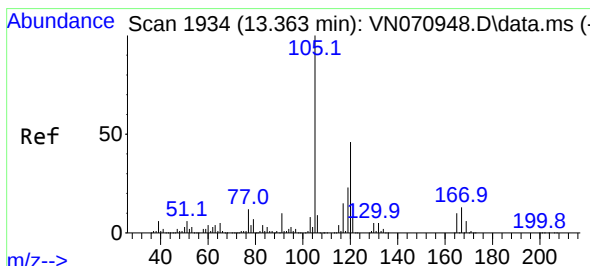
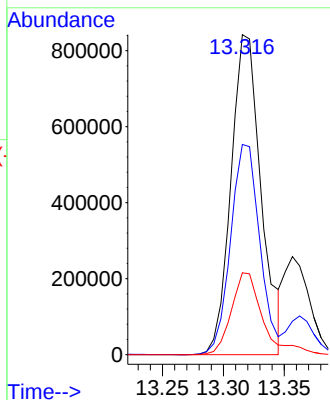
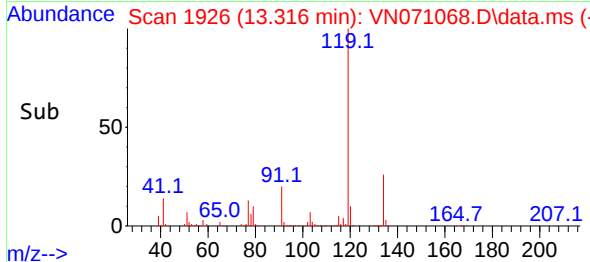
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



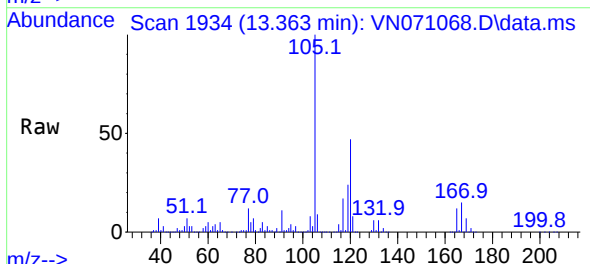
Tgt Ion:119 Resp: 1449297
Ion Ratio Lower Upper
119 100
91 63.6 31.5 94.5
134 26.8 12.4 37.4

Manual Integrations
APPROVED

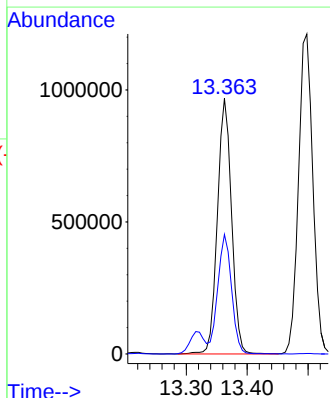
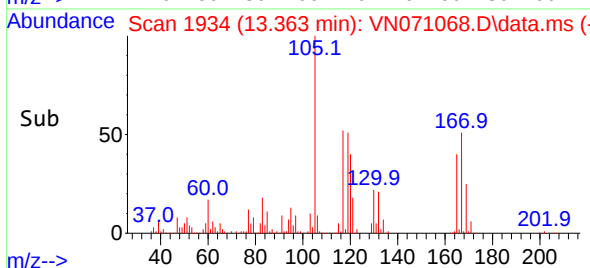
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

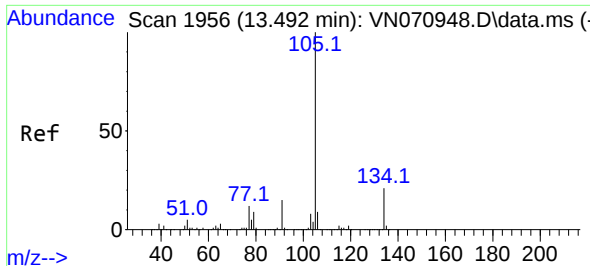


#84
1,2,4-Trimethylbenzene
Concen: 54.733 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



Tgt Ion:105 Resp: 1555913
Ion Ratio Lower Upper
105 100
120 46.0 22.8 68.4





#85
sec-Butylbenzene
Concen: 54.891 ug/l
RT: 13.498 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :

MSVOA_N

ClientSampleId :

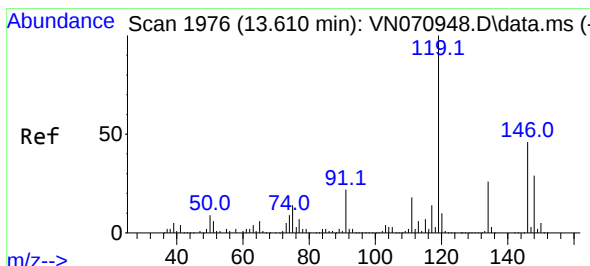
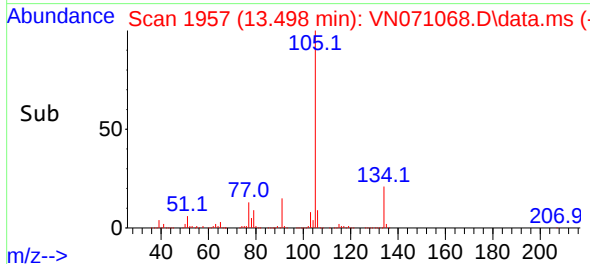
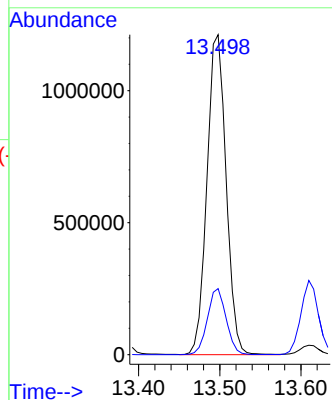
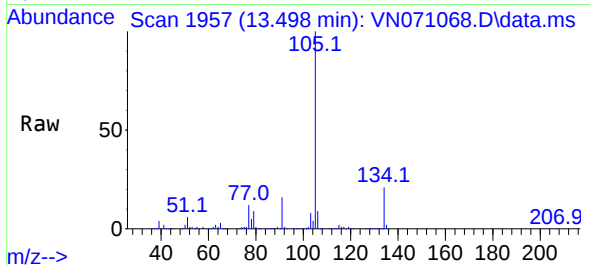
VSTDCCC050

Tgt Ion:105 Resp: 198090
Ion Ratio Lower Upper
105 100
134 20.3 10.4 31.1

Manual Integrations

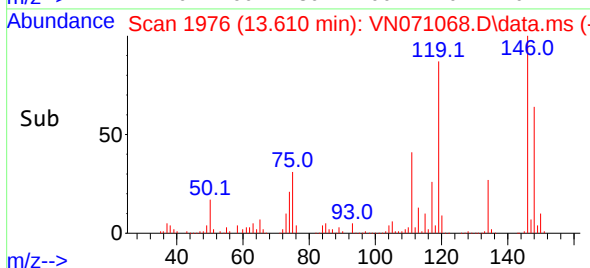
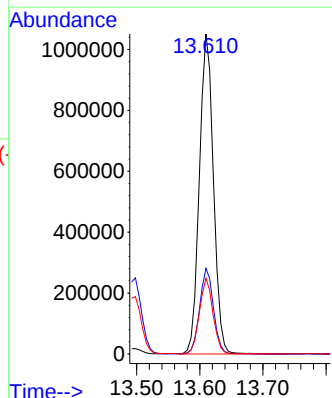
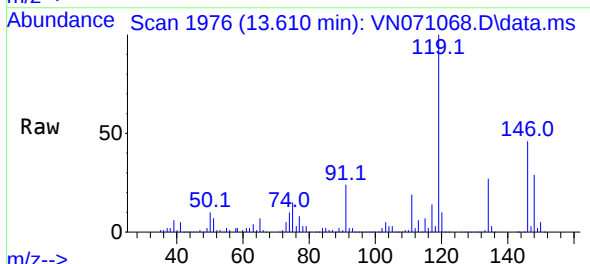
APPROVED

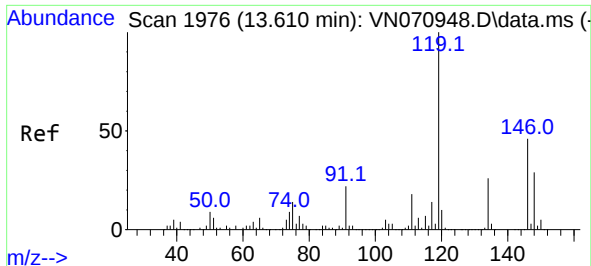
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#86
p-Isopropyltoluene
Concen: 54.710 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

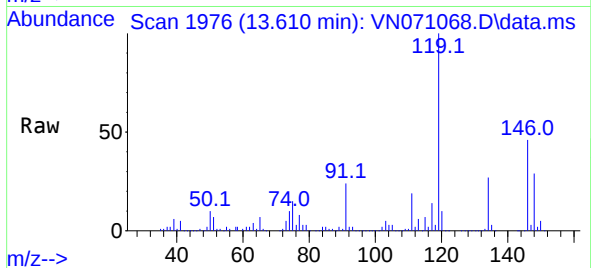
Tgt Ion:119 Resp: 1620781
Ion Ratio Lower Upper
119 100
134 26.3 13.6 40.7
91 23.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 51.349 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

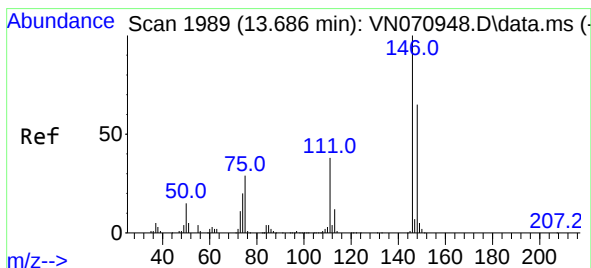
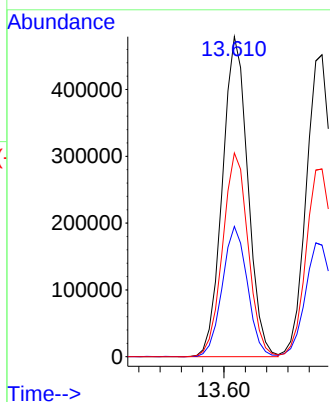
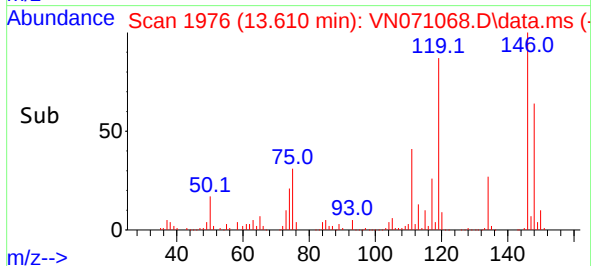
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



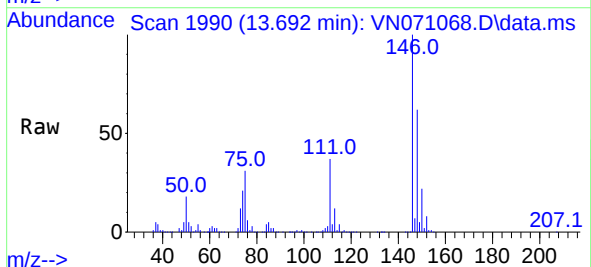
Tgt Ion:146 Resp: 793199
Ion Ratio Lower Upper
146 100
111 40.2 18.6 55.6
148 63.9 31.6 95.0

Manual Integrations
APPROVED

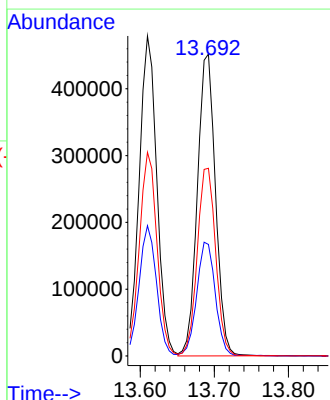
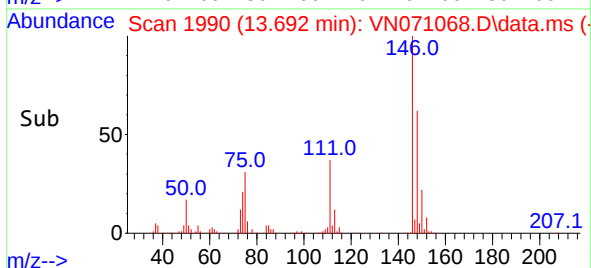
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

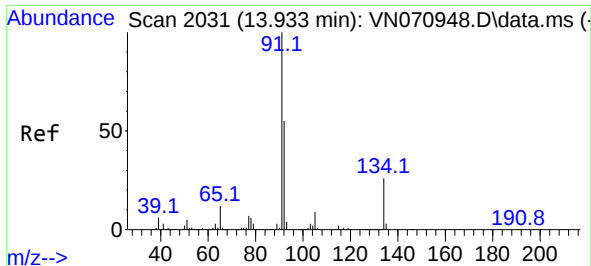


#88
1,4-Dichlorobenzene
Concen: 50.643 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



Tgt Ion:146 Resp: 766463
Ion Ratio Lower Upper
146 100
111 38.3 18.3 54.8
148 63.4 31.8 95.4





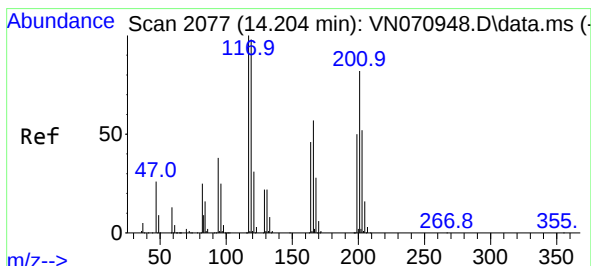
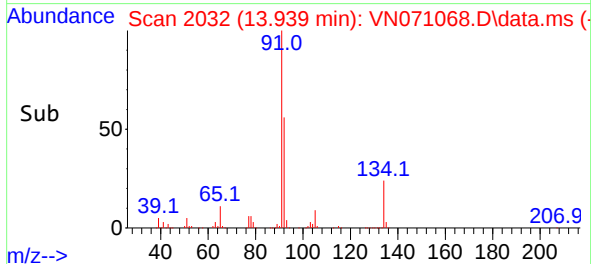
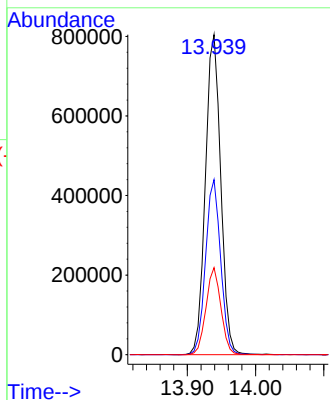
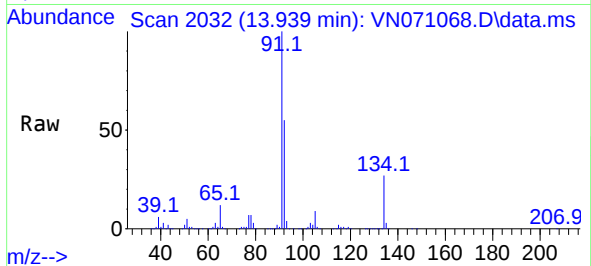
#89
n-Butylbenzene
Concen: 52.185 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1261319
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 26.4 13.6 40.8

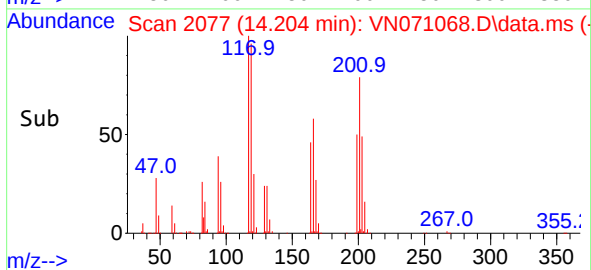
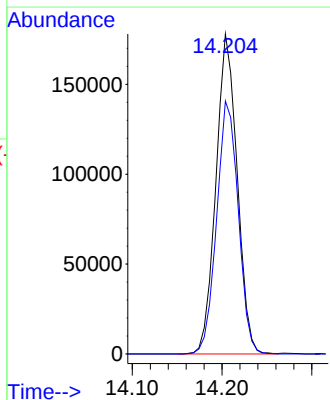
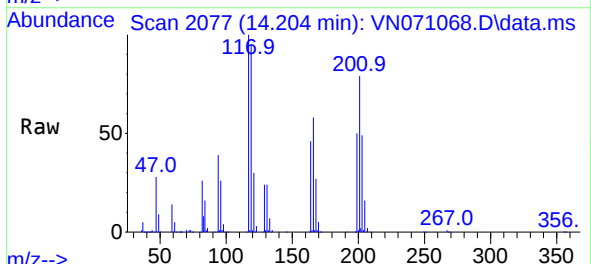
Manual Integrations
APPROVED

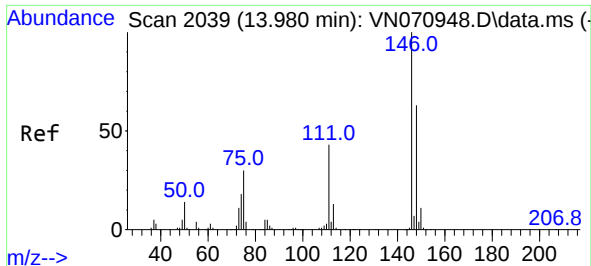
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#90
Hexachloroethane
Concen: 55.424 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

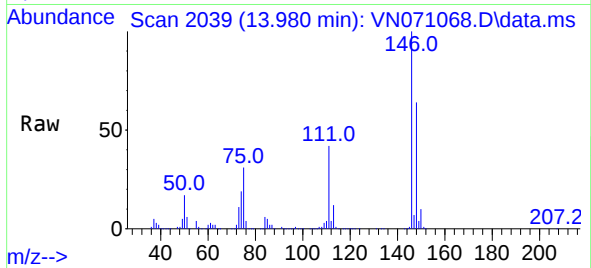
Tgt Ion:117 Resp: 293232
Ion Ratio Lower Upper
117 100
201 80.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 51.960 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

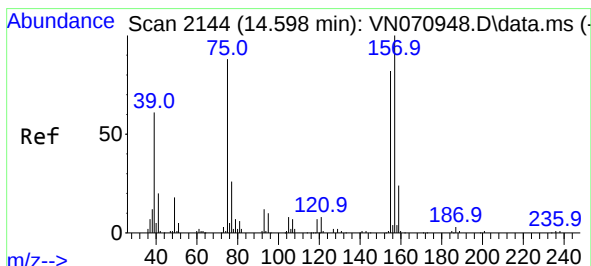
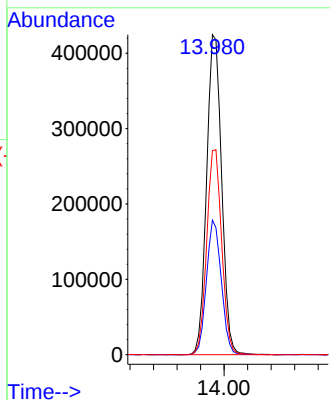
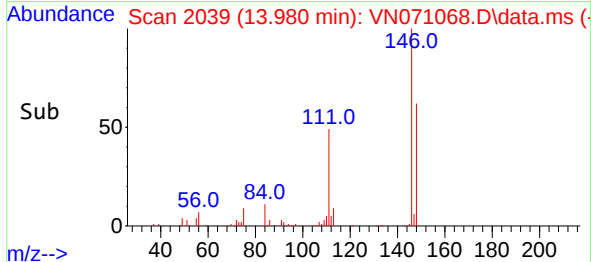
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



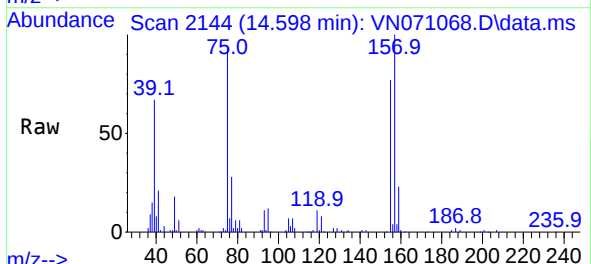
Tgt Ion:146 Resp: 75369
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

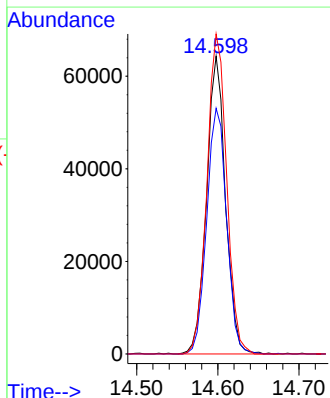
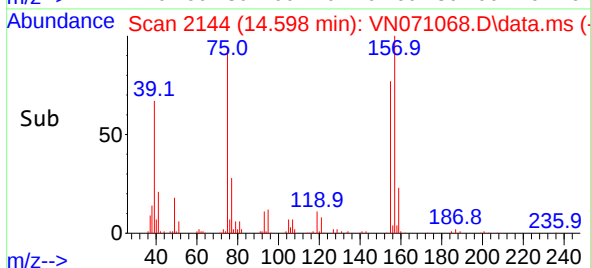
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

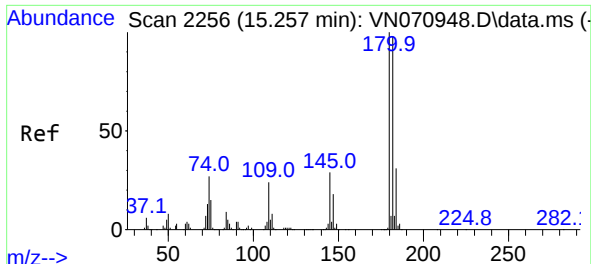


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.867 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



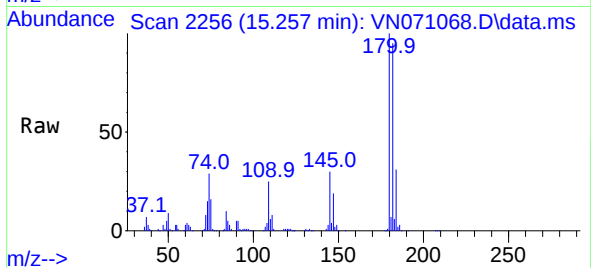
Tgt Ion: 75 Resp: 104366
Ion Ratio Lower Upper
75 100
155 86.6 46.9 140.7
157 111.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 45.594 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

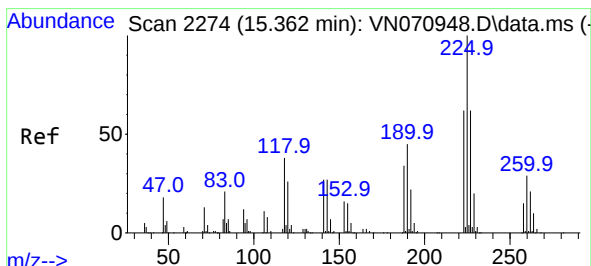
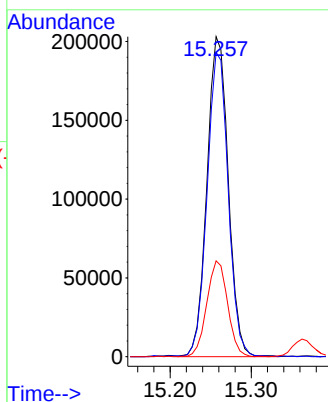
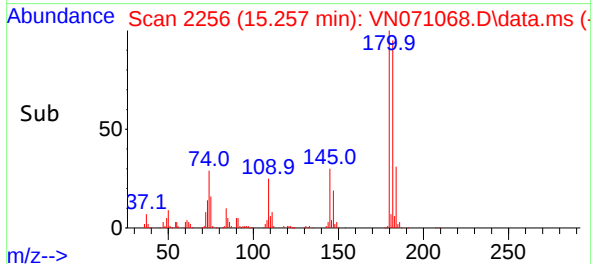
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



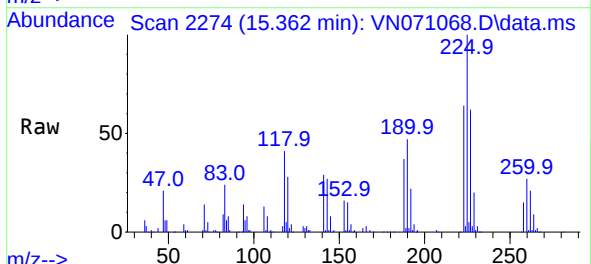
Tgt Ion:180 Resp: 370238
Ion Ratio Lower Upper
180 100
182 93.9 48.3 144.9
145 29.2 14.5 43.5

Manual Integrations
APPROVED

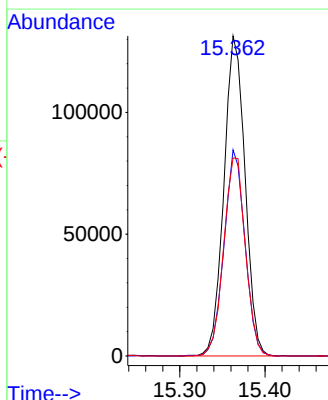
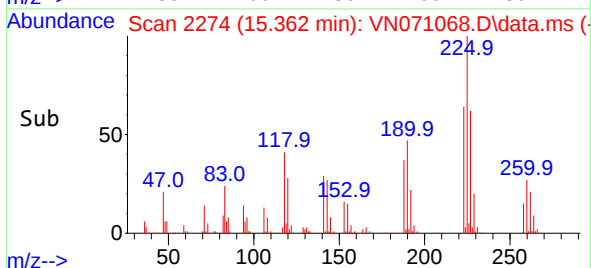
Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

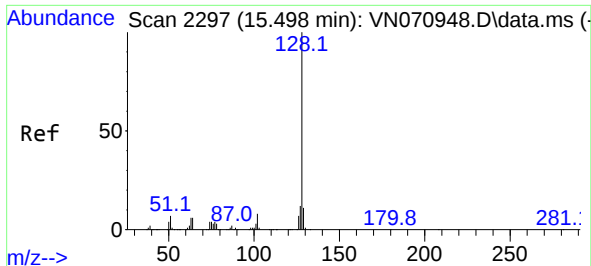


#94
Hexachlorobutadiene
Concen: 42.771 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22



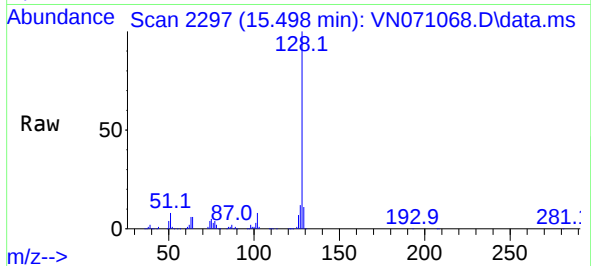
Tgt Ion:225 Resp: 226242
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 63.8 32.1 96.3





#95
Naphthalene
Concen: 46.866 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

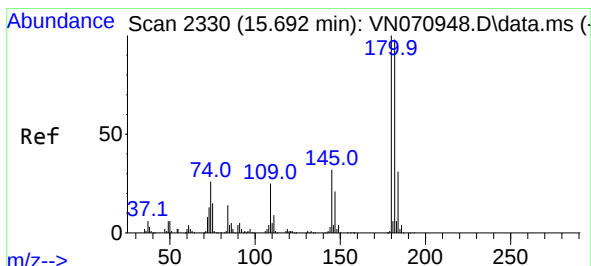
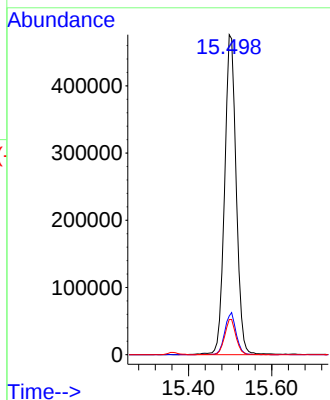
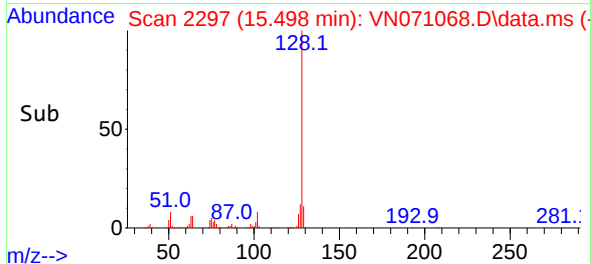
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 921000
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.375 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071068.D
Acq: 25 Feb 2022 12:22

Tgt Ion:180 Resp: 347123
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.2 15.0 45.1

