

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN070997.D
 Acq On : 18 Feb 2022 10:57
 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 19 00:36:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	660250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1022095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	951217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	406976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	413660	54.846	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.700%			
35) Dibromofluoromethane	8.022	113	334167	54.967	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.940%			
50) Toluene-d8	10.439	98	1346742	55.162	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.320%			
62) 4-Bromofluorobenzene	12.727	95	461787	52.916	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	345867	50.435	ug/l	100
3) Chloromethane	2.299	50	449849	52.189	ug/l	98
4) Vinyl Chloride	2.440	62	421894	48.895	ug/l	99
5) Bromomethane	2.834	94	231523	47.234	ug/l	96
6) Chloroethane	3.004	64	275983	48.754	ug/l	97
7) Trichlorofluoromethane	3.369	101	572359	52.931	ug/l	95
8) Diethyl Ether	3.822	74	235374	50.071	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	338062	50.956	ug/l	95
10) Methyl Iodide	4.422	142	471722	51.339	ug/l	97
11) Tert butyl alcohol	5.363	59	384883	280.015	ug/l	99
12) 1,1-Dichloroethene	4.187	96	317462	49.113	ug/l	97
13) Acrolein	4.040	56	316343	257.560	ug/l	99
14) Allyl chloride	4.840	41	635866	51.581	ug/l	87
15) Acrylonitrile	5.551	53	1195265	295.224	ug/l	99
16) Acetone	4.281	43	1209093	291.093	ug/l	93
17) Carbon Disulfide	4.528	76	848016	45.749	ug/l	98
18) Methyl Acetate	4.851	43	522611	57.553	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	1194175	52.666	ug/l	95
20) Methylene Chloride	5.098	84	390997	51.796	ug/l	93
21) trans-1,2-Dichloroethene	5.593	96	347554	50.096	ug/l	92
22) Diisopropyl ether	6.492	45	1327414	56.143	ug/l	91
23) Vinyl Acetate	6.428	43	5700617	284.824	ug/l	100
24) 1,1-Dichloroethane	6.387	63	704914	53.185	ug/l	99
25) 2-Butanone	7.328	43	1691256	306.081	ug/l	99
26) 2,2-Dichloropropane	7.322	77	570950	51.832	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	417089	52.307	ug/l	94
28) Bromochloromethane	7.651	49	263768	49.169	ug/l	88
29) Tetrahydrofuran	7.681	42	1091667	304.975	ug/l	94
30) Chloroform	7.816	83	685331	52.573	ug/l	100
31) Cyclohexane	8.092	56	658158	50.457	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	586140	52.066	ug/l	97
36) 1,1-Dichloropropene	8.216	75	514863	51.692	ug/l	98
37) Ethyl Acetate	7.410	43	647369	60.604	ug/l	99
38) Carbon Tetrachloride	8.204	117	511590	52.130	ug/l	97
39) Methylcyclohexane	9.457	83	647127	50.493	ug/l	97
40) Benzene	8.457	78	1584638	53.786	ug/l	98

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Manual Integrations APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	346010	61.503	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	546672	54.481	ug/l	98
43) Isopropyl Acetate	8.557	43	955720	56.763	ug/l	98
44) Trichloroethene	9.210	130	391549	50.469	ug/l	99
45) 1,2-Dichloropropane	9.486	63	415862	55.104	ug/l	100
46) Dibromomethane	9.575	93	268405	54.043	ug/l	99
47) Bromodichloromethane	9.757	83	542807	54.078	ug/l	99
48) Methyl methacrylate	9.557	41	474965	59.598	ug/l #	84
49) 1,4-Dioxane	9.563	88	183800	1298.493	ug/l	92
51) 4-Methyl-2-Pentanone	10.327	43	3193858	311.776	ug/l	98
52) Toluene	10.498	92	1000917	54.066	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	593442	54.372	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	649155	54.158	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	391604	54.040	ug/l	98
56) Ethyl methacrylate	10.757	69	643881	58.972	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	692295	55.231	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	617265	253.629	ug/l	97
59) 2-Hexanone	11.080	43	2283825	324.158	ug/l	97
60) Dibromochloromethane	11.233	129	416214	54.348	ug/l	99
61) 1,2-Dibromoethane	11.339	107	405224	54.977	ug/l	100
64) Tetrachloroethene	10.975	164	364705	49.231	ug/l	99
65) Chlorobenzene	11.769	112	1063688	51.894	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	397510	53.202	ug/l	99
67) Ethyl Benzene	11.839	91	1928551	53.758	ug/l	98
68) m/p-Xylenes	11.951	106	1480287	106.823	ug/l	99
69) o-Xylene	12.274	106	727164	53.718	ug/l	100
70) Styrene	12.292	104	1177635	54.712	ug/l	98
71) Bromoform	12.451	173	318836	53.581	ug/l #	100
73) Isopropylbenzene	12.574	105	1885102	57.546	ug/l	100
74) N-amyl acetate	12.386	43	662052	63.226	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	605030	58.122	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	466731m	48.707	ug/l	
77) Bromobenzene	12.857	156	446139	55.634	ug/l	87
78) n-propylbenzene	12.916	91	2111154	57.360	ug/l	98
79) 2-Chlorotoluene	13.004	91	1273293	56.967	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	1511193	56.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	178223	60.270	ug/l	90
82) 4-Chlorotoluene	13.098	91	1213142	55.914	ug/l	95
83) tert-Butylbenzene	13.321	119	1362301	54.126	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1472937	56.381	ug/l	100
85) sec-Butylbenzene	13.498	105	1859807	56.078	ug/l	100
86) p-Isopropyltoluene	13.610	119	1521941	55.902	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	756401	53.284	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	716181	51.492	ug/l	98
89) n-Butylbenzene	13.939	91	1148078	51.687	ug/l	97
90) Hexachloroethane	14.210	117	280096	57.608	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	710537	53.303	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	100594	59.644	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	326425	43.823	ug/l	99
94) Hexachlorobutadiene	15.368	225	209845	43.168	ug/l	99
95) Naphthalene	15.504	128	780004	43.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	315675	45.917	ug/l	99

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ClientSampleId :
VSTDCCC050

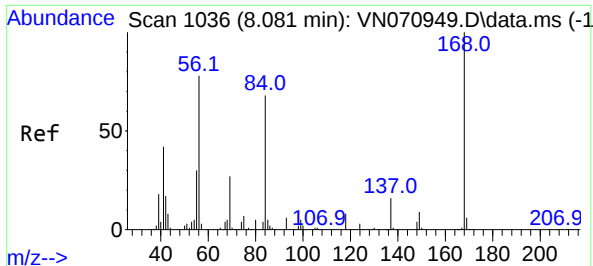
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

Quant Time: Feb 19 00:36:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 16 07:52:42 2022
Response via : Initial Calibration

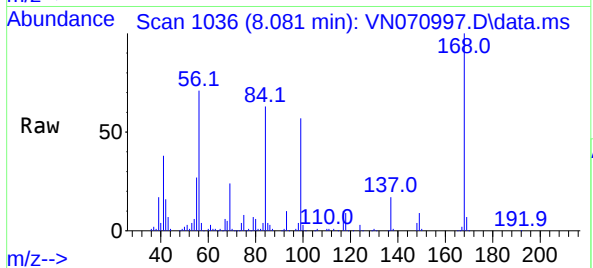
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN070997.D
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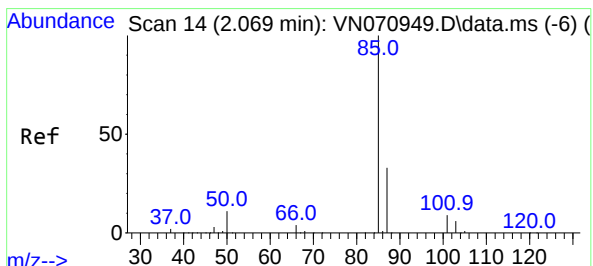
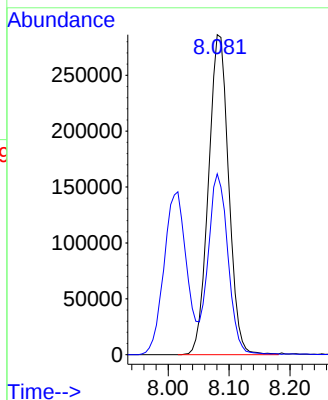
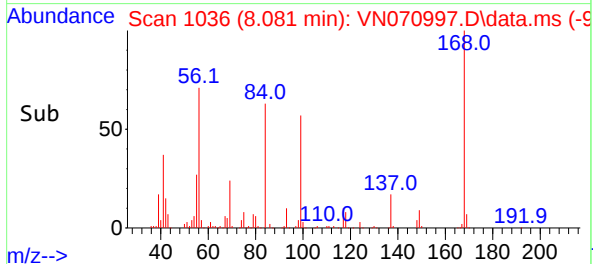
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MSVOA_N
ClientSampleId :
VSTDCCC050



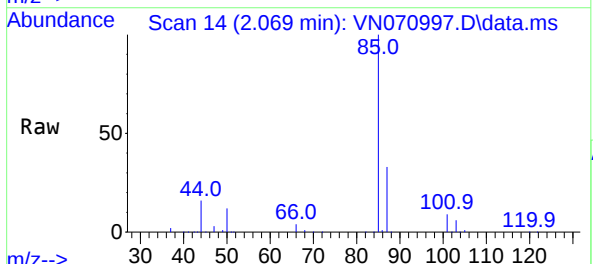
Tgt Ion:168 Resp: 660250
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9

Manual Integrations
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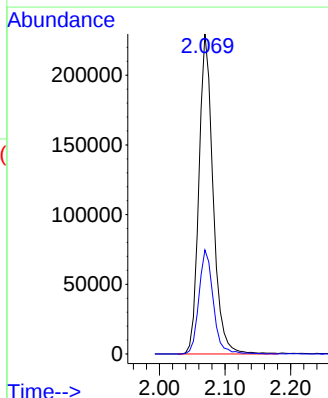
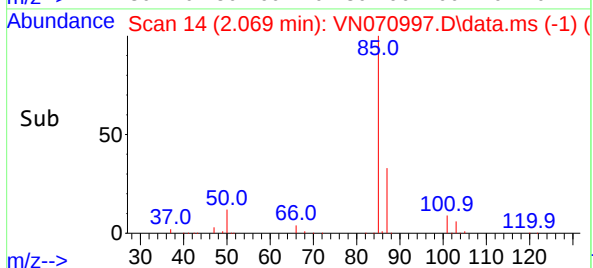
Reviewed By :John Carlone 02/22/2022
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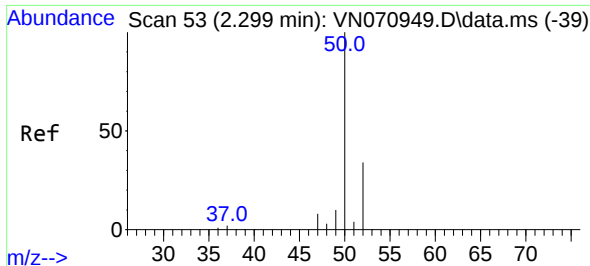


Dichlorodifluoromethane
Concen: 50.435 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



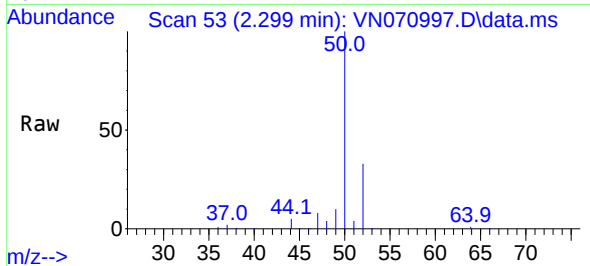
Tgt Ion: 85 Resp: 345867
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 52.189 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

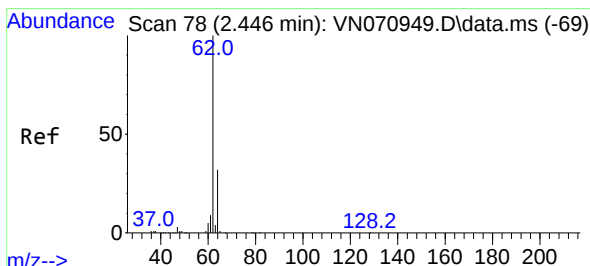
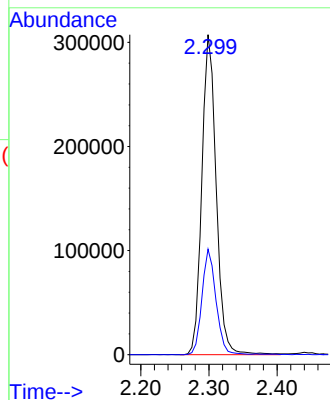
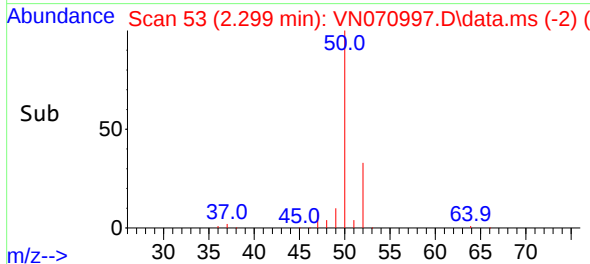
Instrument :
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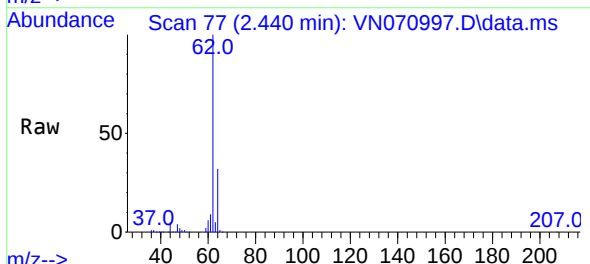
Tgt Ion: 50 Resp: 449849
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

Manual Integrations
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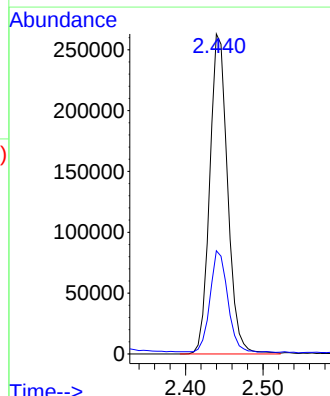
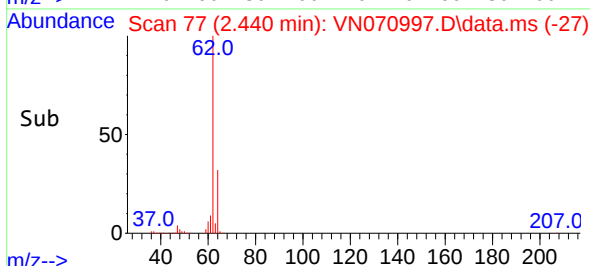
Reviewed By :John Carlone 02/22/2022
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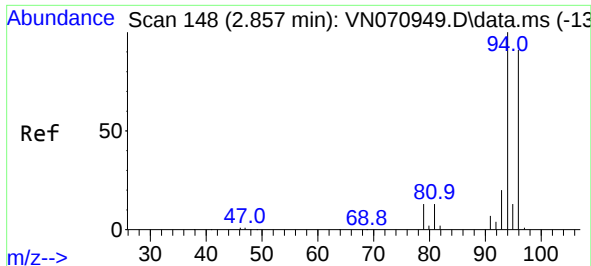


#4
Vinyl Chloride
Concen: 48.895 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



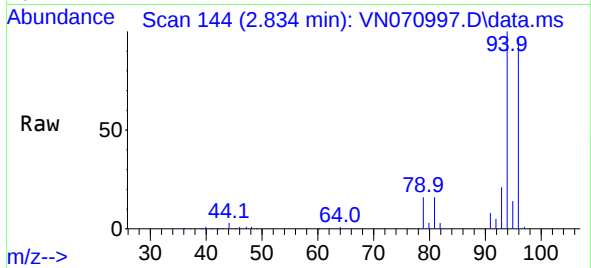
Tgt Ion: 62 Resp: 421894
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 47.234 ug/l
RT: 2.834 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

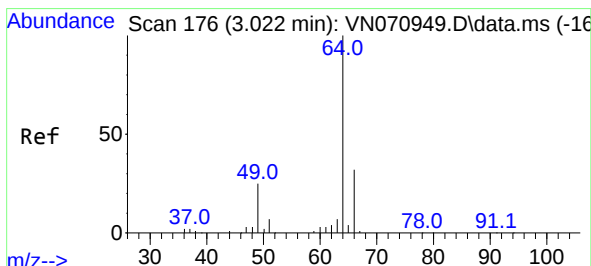
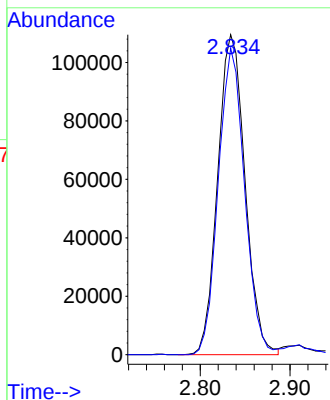
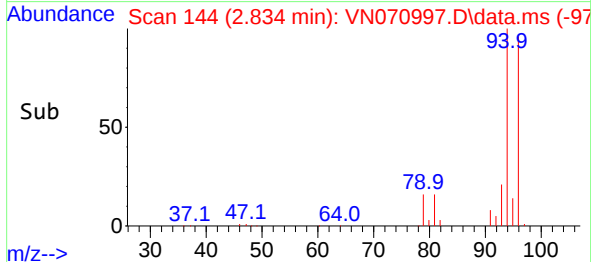
Instrument :
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Tgt Ion: 94 Resp: 23152
Ion Ratio Lower Upper
94 100
96 95.7 73.8 110.8

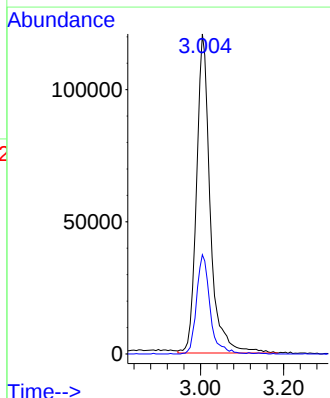
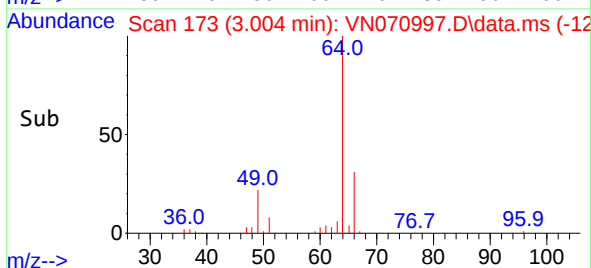
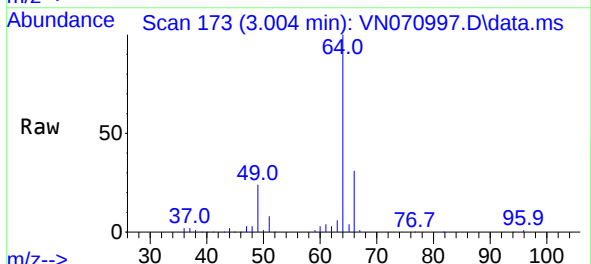
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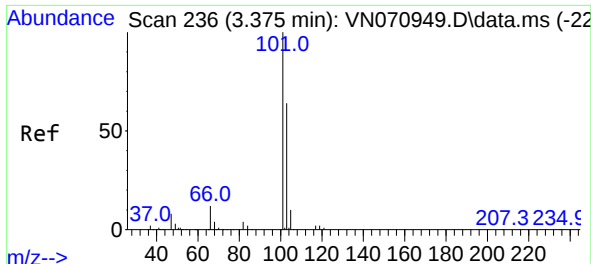
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#6
Chloroethane
Concen: 48.754 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.018 min
Lab File: VN070997.D
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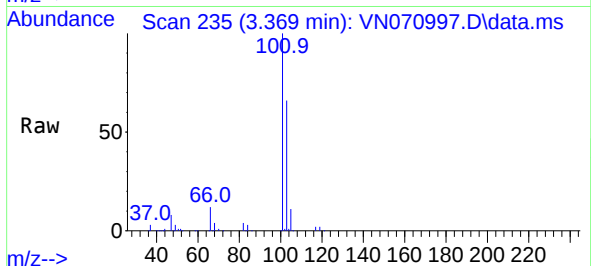
Tgt Ion: 64 Resp: 275983
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 52.931 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN070997.D
 Acq: 18 Feb 2022 10:57

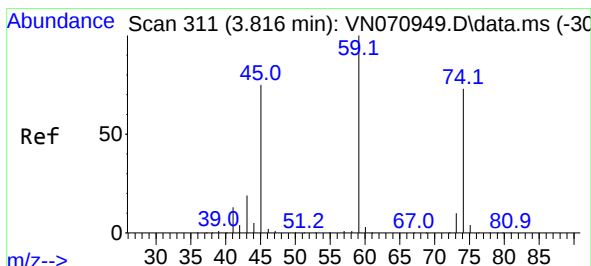
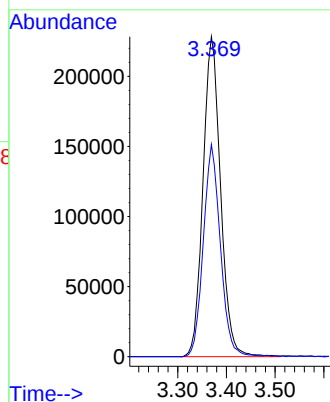
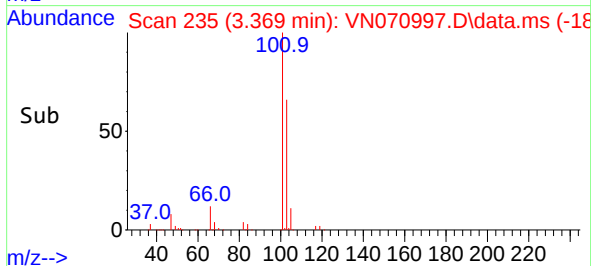
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



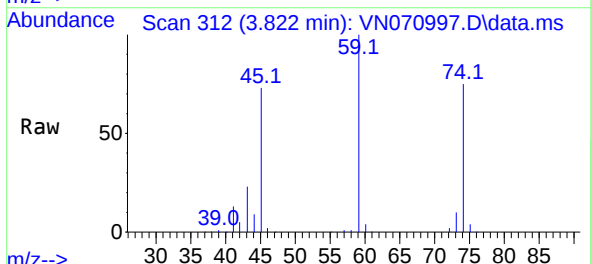
Tgt Ion:101 Resp: 572359
 Ion Ratio Lower Upper
 101 100
 103 66.3 50.1 75.1

Manual Integrations
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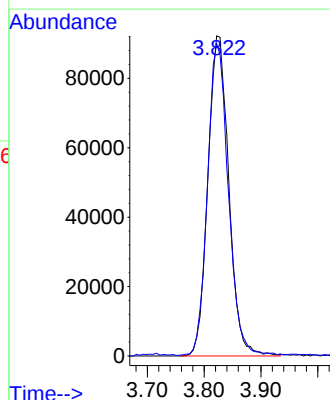
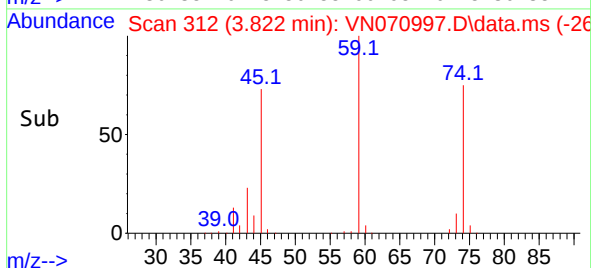
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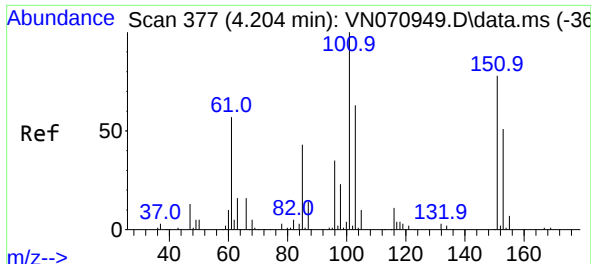


#8
 Diethyl Ether
 Concen: 50.071 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.006 min
 Lab File: VN070997.D
 Acq: 18 Feb 2022 10:57



Tgt Ion: 74 Resp: 235374
 Ion Ratio Lower Upper
 74 100
 45 96.7 47.0 141.2





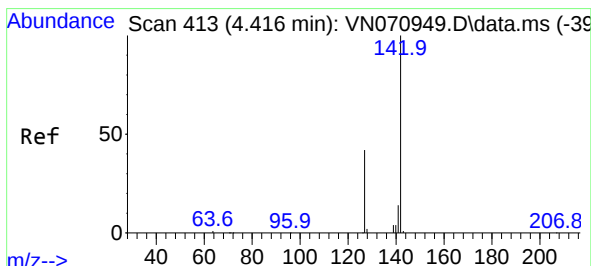
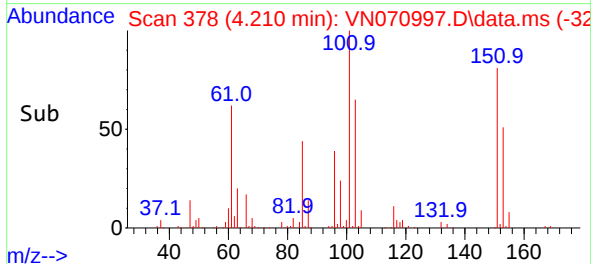
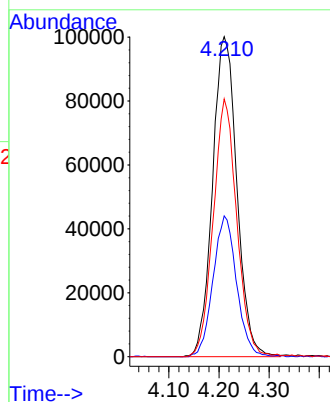
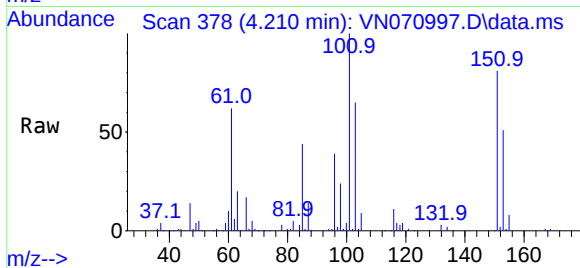
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.956 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 338062
Ion Ratio Lower Upper
101 100
85 42.5 37.2 55.8
151 77.8 65.9 98.9

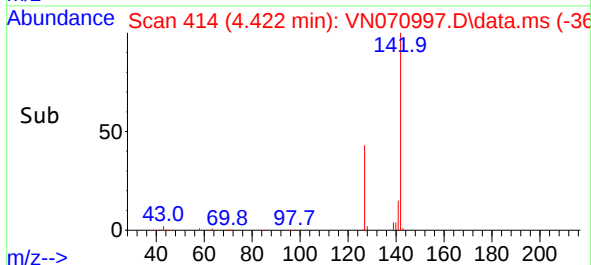
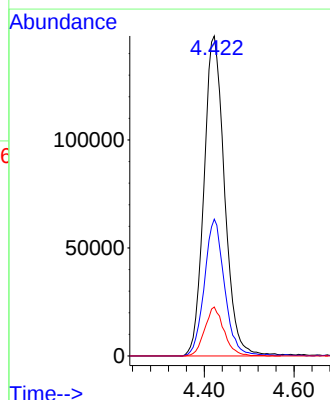
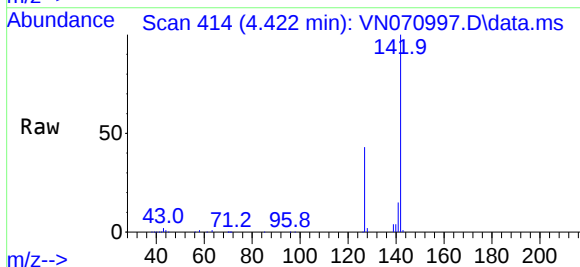
Manual Integrations
APPROVED

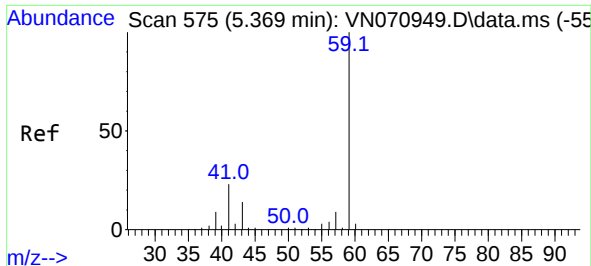
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Methyl Iodide
Concen: 51.339 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

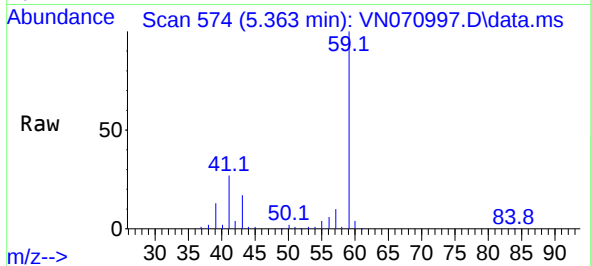
Tgt Ion:142 Resp: 471722
Ion Ratio Lower Upper
142 100
127 41.8 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 280.015 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

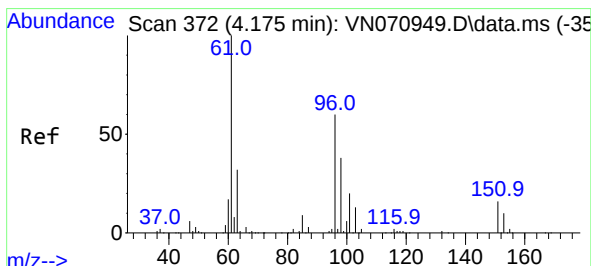
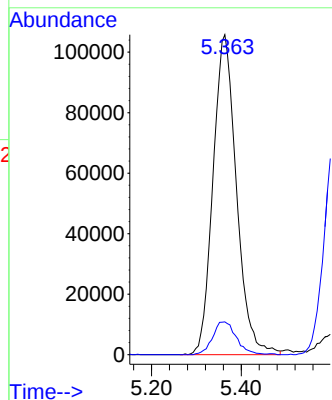
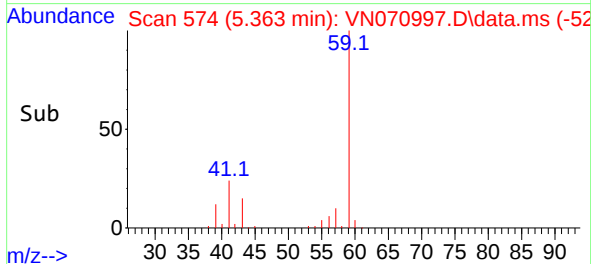
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



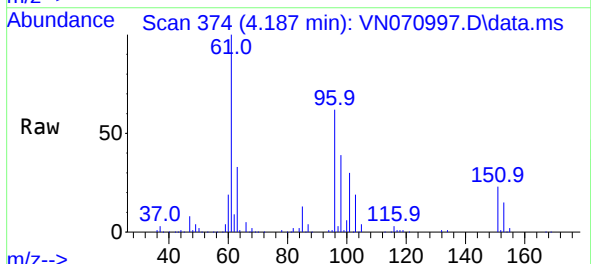
Tgt Ion: 59 Resp: 38488
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
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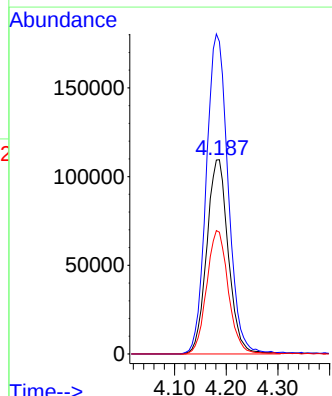
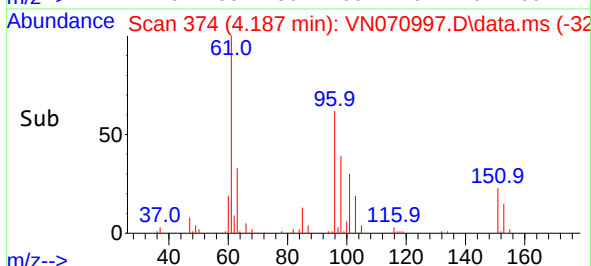
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

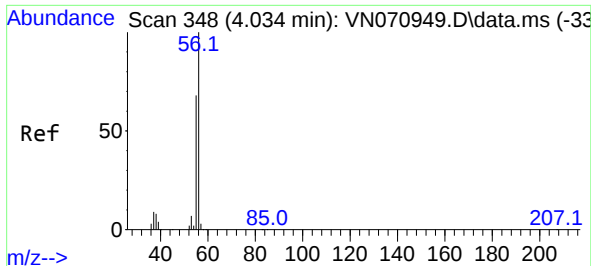


#12
1,1-Dichloroethene
Concen: 49.113 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



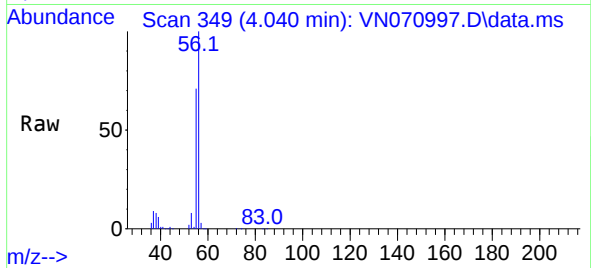
Tgt Ion: 96 Resp: 317462
Ion Ratio Lower Upper
96 100
61 160.8 131.0 196.6
98 62.7 52.4 78.6





#13
Acrolein
Concen: 257.560 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

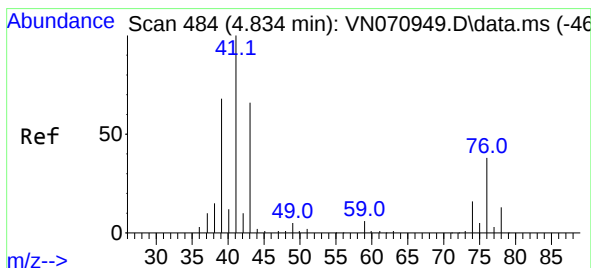
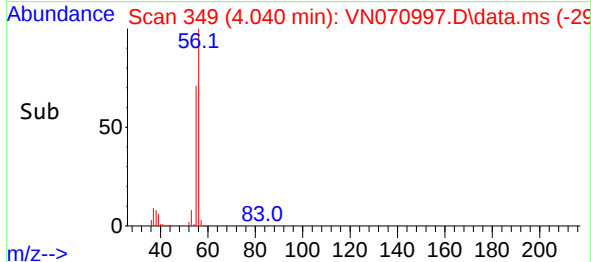
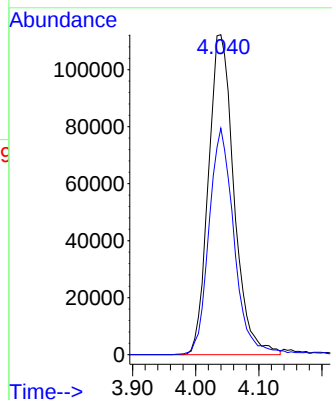
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 31634
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0

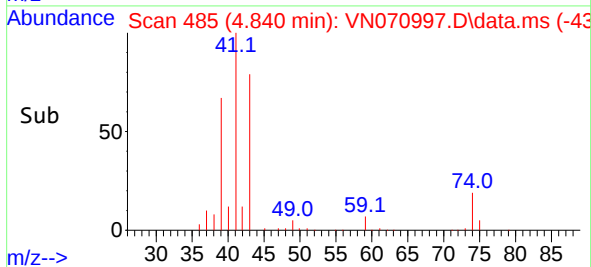
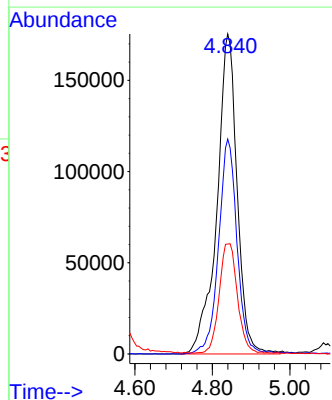
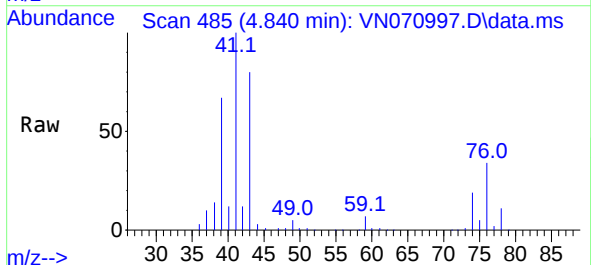
Manual Integrations
APPROVED

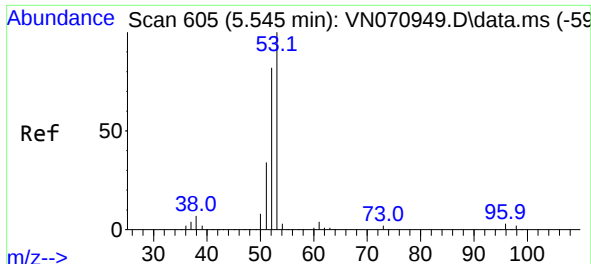
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#14
Allyl chloride
Concen: 51.581 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

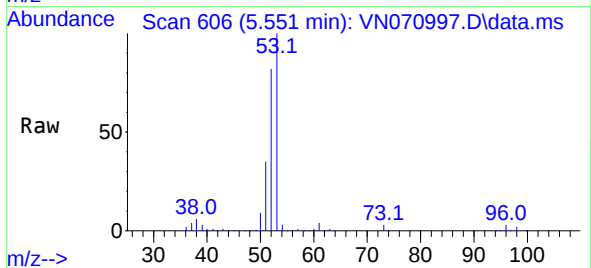
Tgt Ion: 41 Resp: 635866
Ion Ratio Lower Upper
41 100
39 61.3 61.2 91.8
76 30.8 26.0 39.0





#15
Acrylonitrile
Concen: 295.224 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

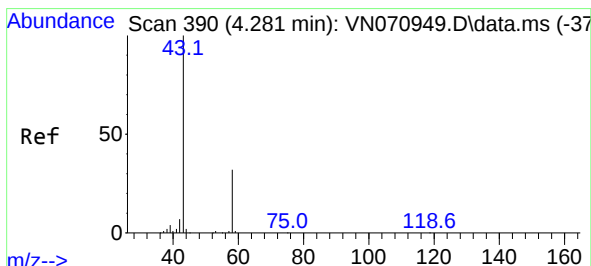
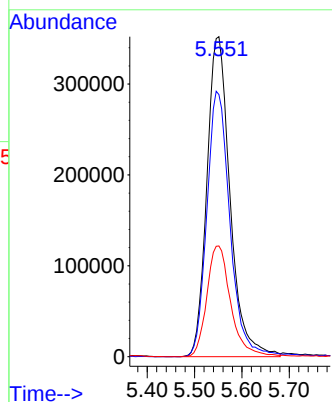
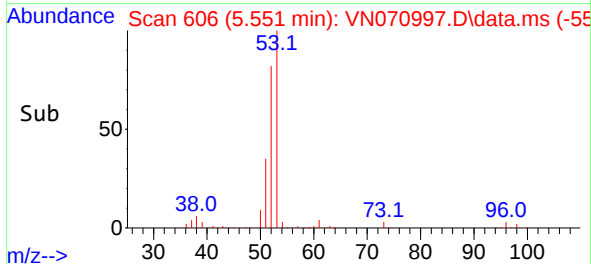
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



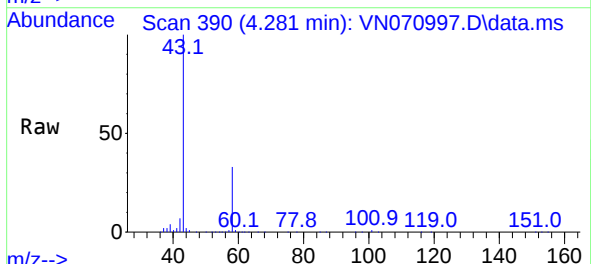
Tgt Ion: 53 Resp: 119526
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 35.9 29.6 44.4

Manual Integrations
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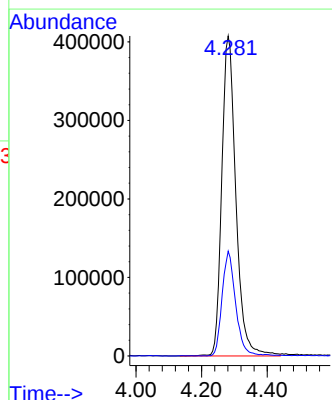
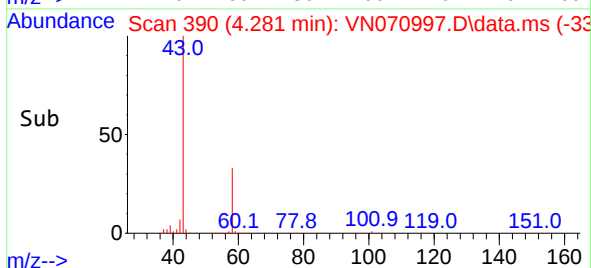
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

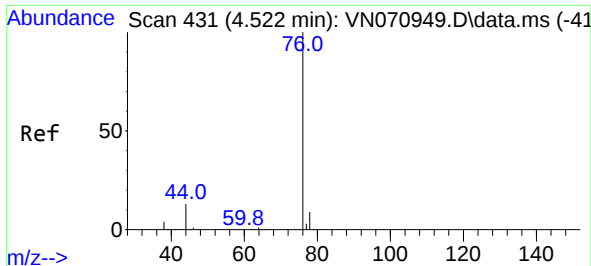


#16
Acetone
Concen: 291.093 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion: 43 Resp: 1209093
Ion Ratio Lower Upper
43 100
58 32.7 23.1 34.7





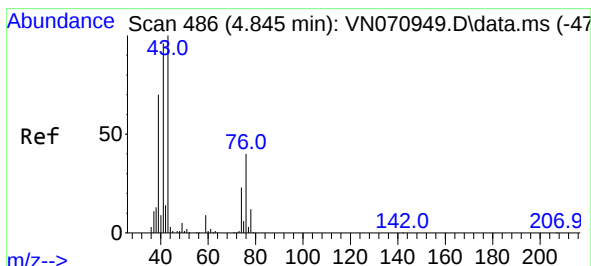
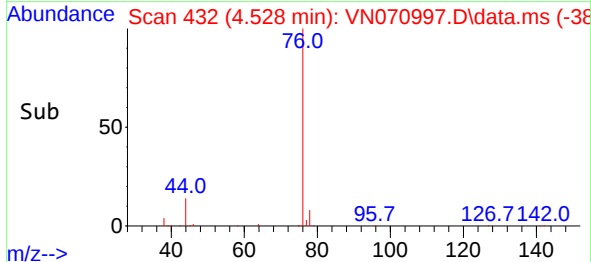
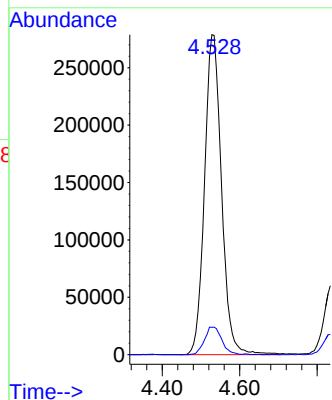
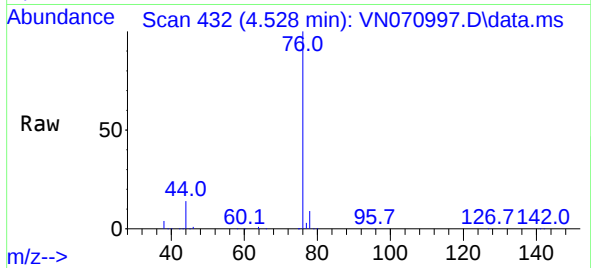
#17
Carbon Disulfide
Concen: 45.749 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 848010
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3

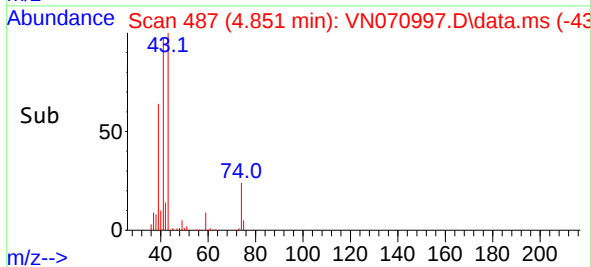
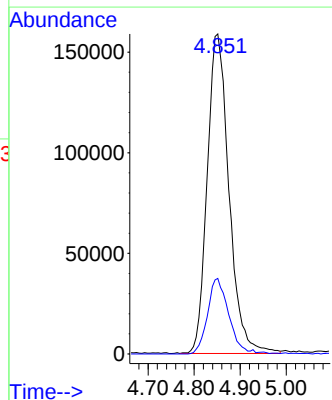
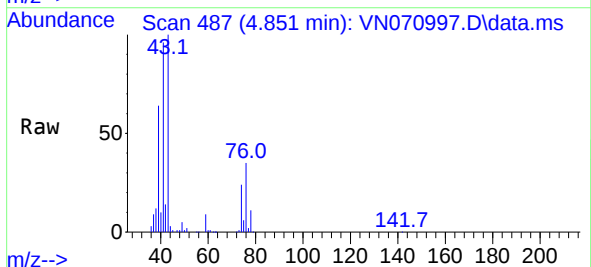
Manual Integrations
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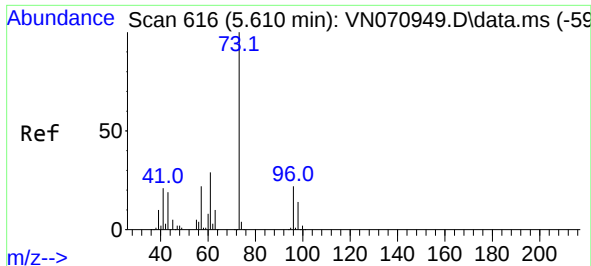
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#18
Methyl Acetate
Concen: 57.553 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

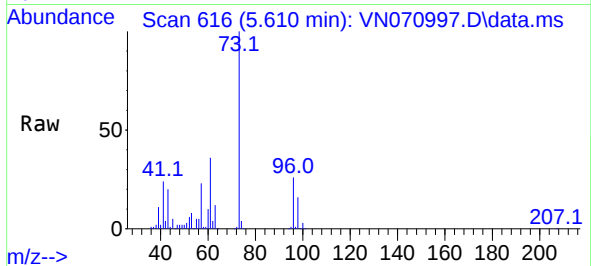
Tgt Ion: 43 Resp: 522611
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 52.666 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

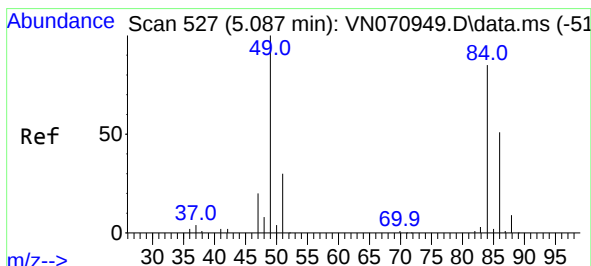
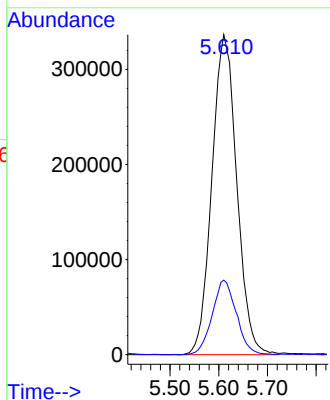
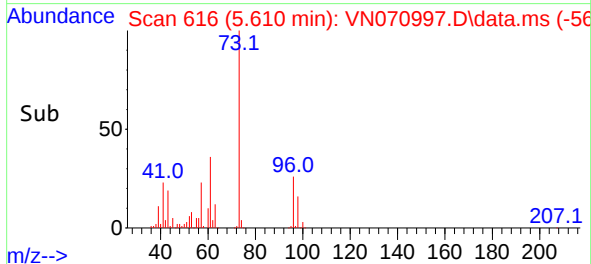
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 119417
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

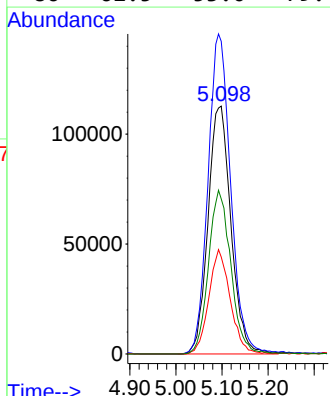
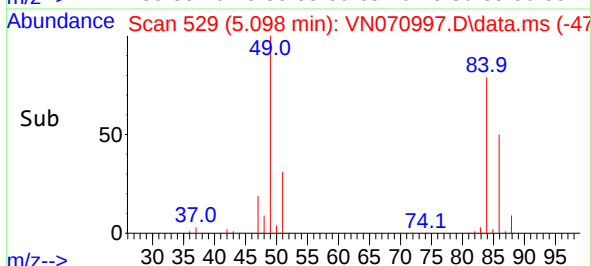
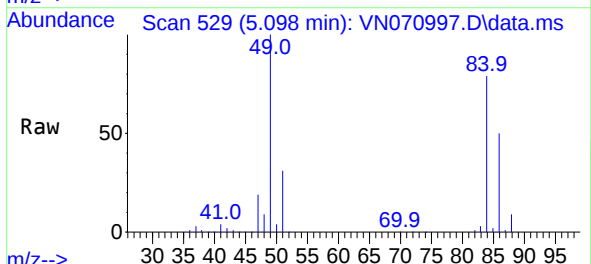
Manual Integrations
APPROVED

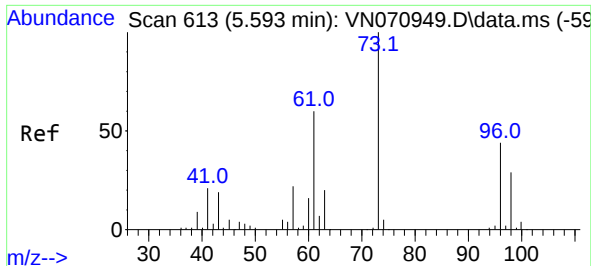
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#20
Methylene Chloride
Concen: 51.796 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

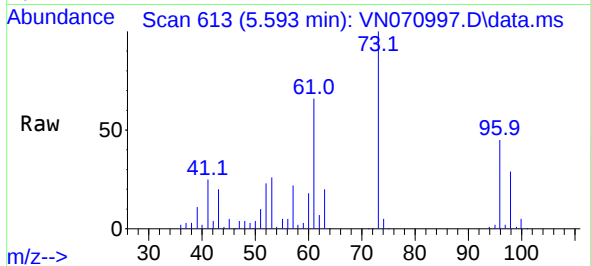
Tgt Ion: 84 Resp: 390997
Ion Ratio Lower Upper
84 100
49 126.2 93.5 140.3
51 39.1 29.4 44.2
86 62.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 50.096 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

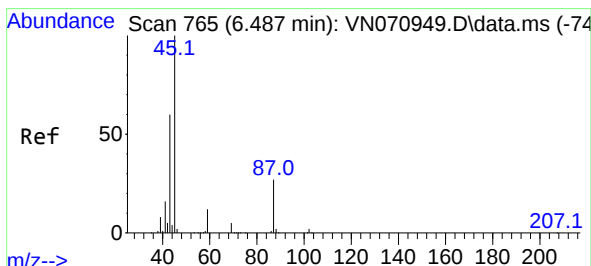
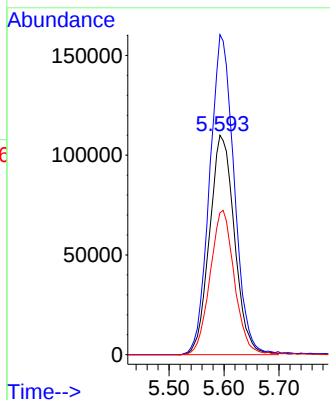
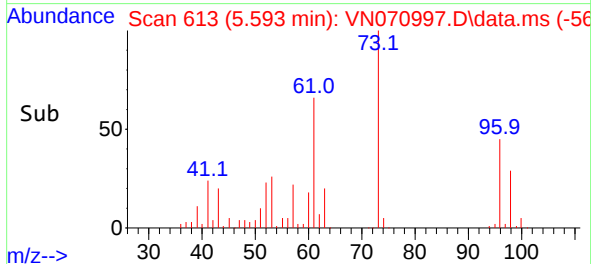
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



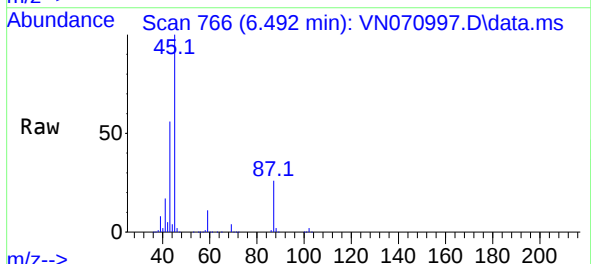
Tgt Ion: 96 Resp: 347554
Ion Ratio Lower Upper
96 100
61 145.9 105.8 158.6
98 64.7 52.0 78.0

Manual Integrations
APPROVED

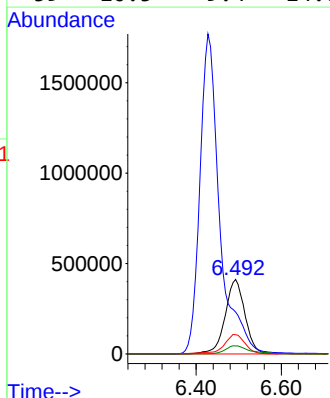
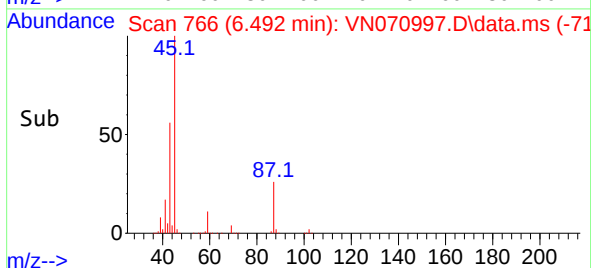
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

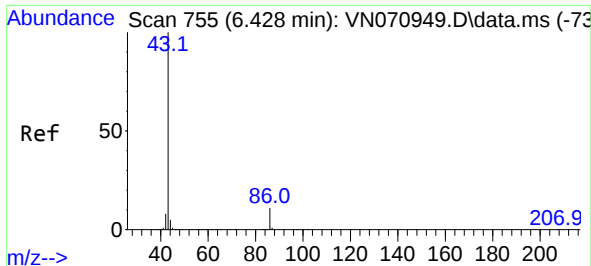


#22
Diisopropyl ether
Concen: 56.143 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



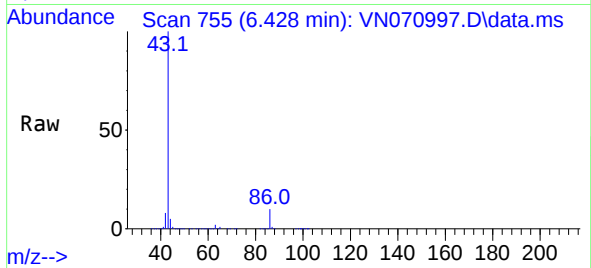
Tgt Ion: 45 Resp: 1327414
Ion Ratio Lower Upper
45 100
43 56.2 51.7 77.5
87 25.6 23.2 34.8
59 10.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 284.824 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN070997.D
 Acq: 18 Feb 2022 10:57

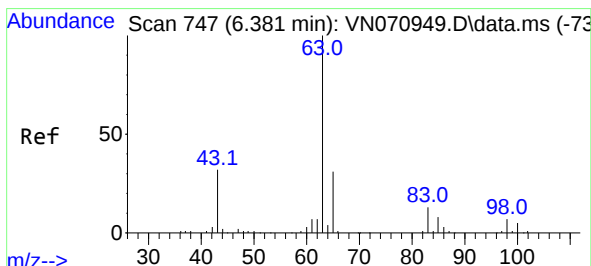
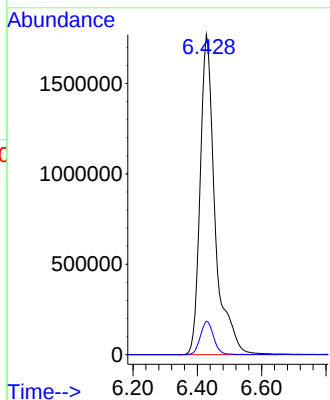
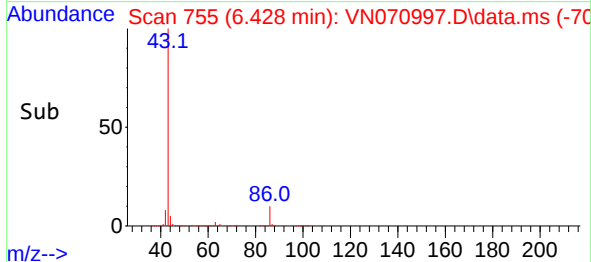
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



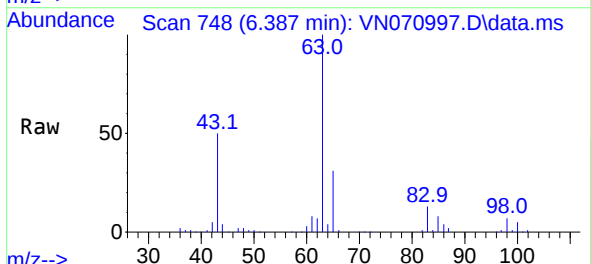
Tgt Ion: 43 Resp: 570061
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7

Manual Integrations
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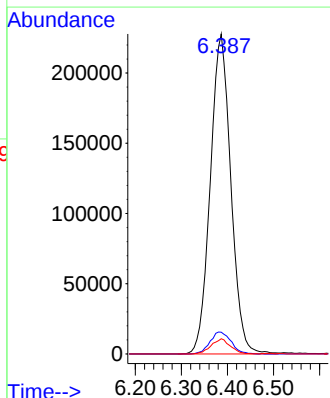
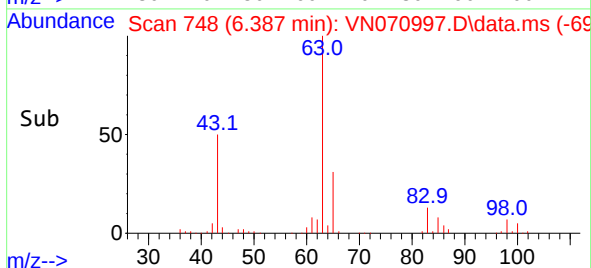
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

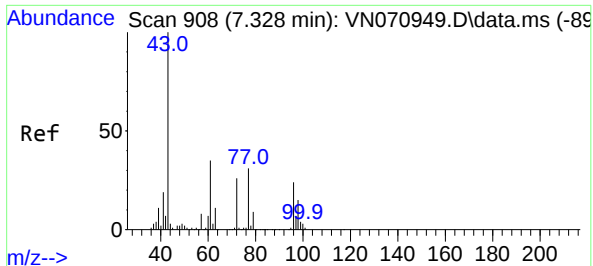


#24
 1,1-Dichloroethane
 Concen: 53.185 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN070997.D
 Acq: 18 Feb 2022 10:57



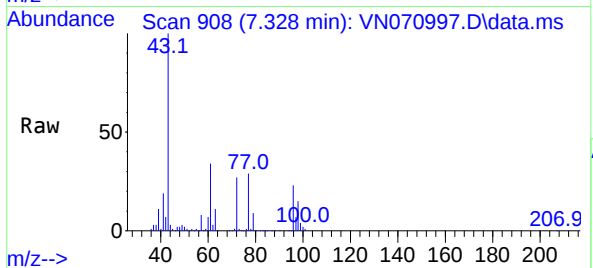
Tgt Ion: 63 Resp: 704914
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 306.081 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

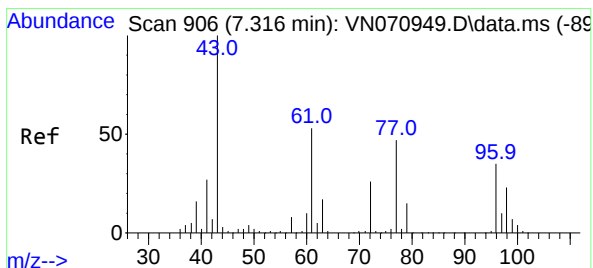
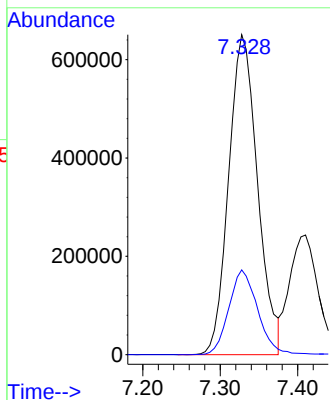
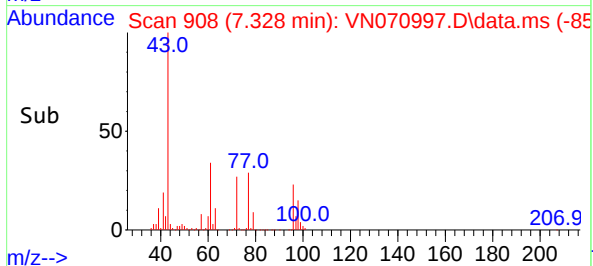
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



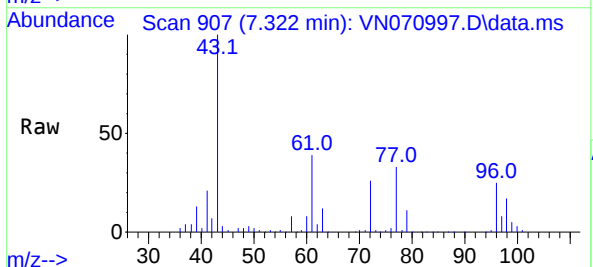
Tgt Ion: 43 Resp: 1691250
Ion Ratio Lower Upper
43 100
72 26.5 21.7 32.5

Manual Integrations
APPROVED

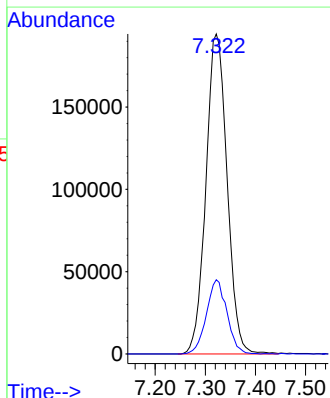
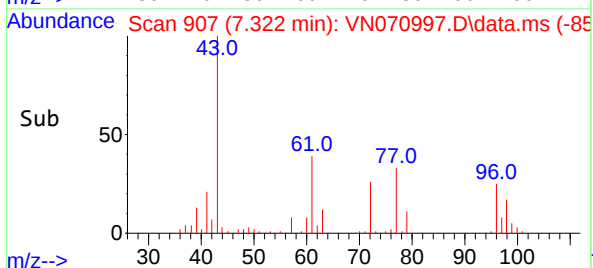
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

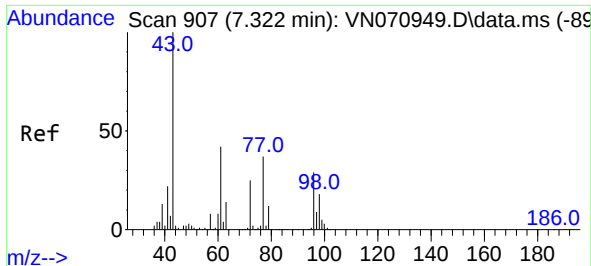


#26
2,2-Dichloropropane
Concen: 51.832 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion: 77 Resp: 570950
Ion Ratio Lower Upper
77 100
97 22.5 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.307 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN070997.D

Acq: 18 Feb 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 417089

Ion Ratio Lower Upper

96 100

61 148.7 0.0 275.0

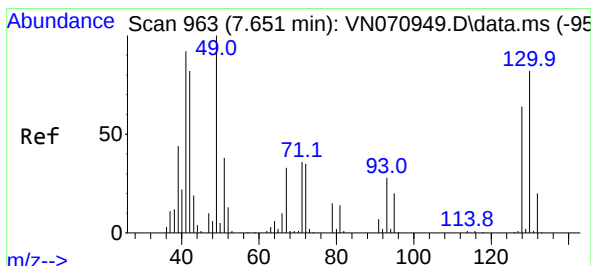
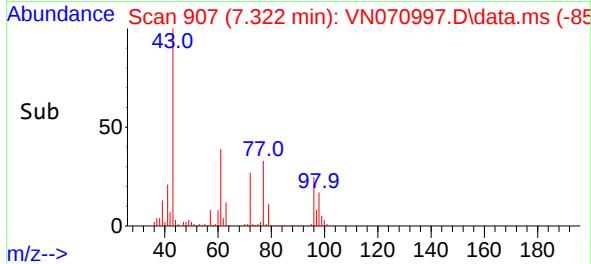
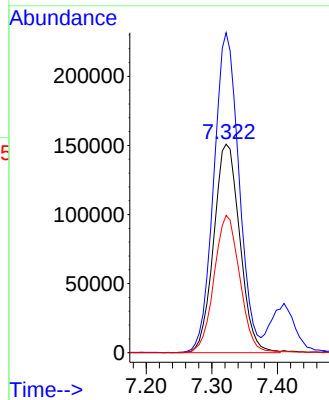
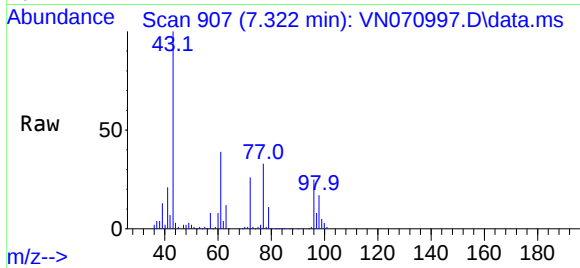
98 65.1 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#28

Bromochloromethane

Concen: 49.169 ug/l

RT: 7.651 min Scan# 963

Delta R.T. 0.000 min

Lab File: VN070997.D

Acq: 18 Feb 2022 10:57

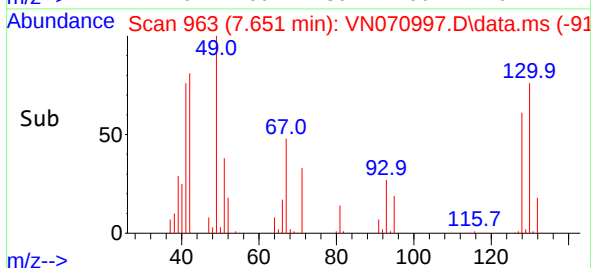
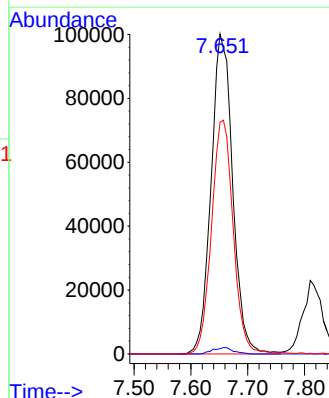
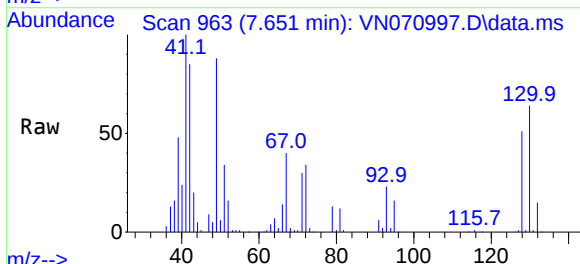
Tgt Ion: 49 Resp: 263768

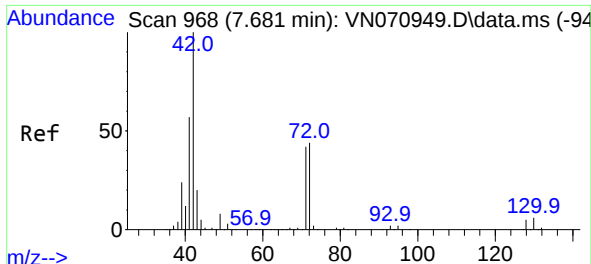
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 73.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 304.975 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN070997.D

Acq: 18 Feb 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 109166

Ion Ratio Lower Upper

42 100

72 41.7 36.3 54.5

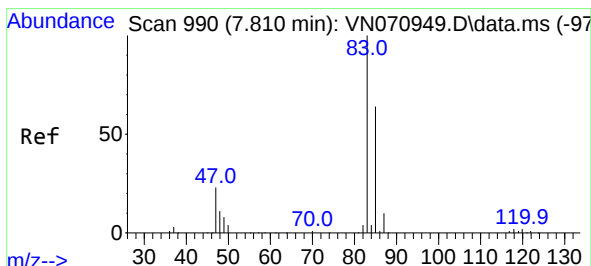
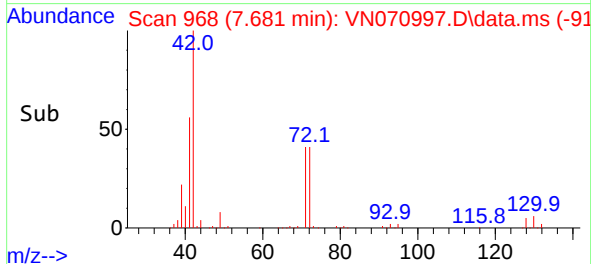
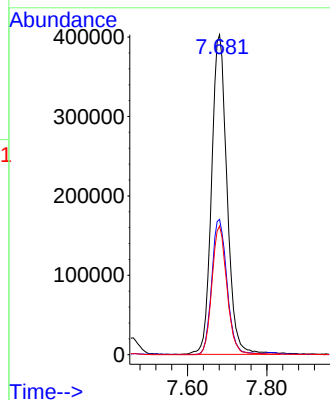
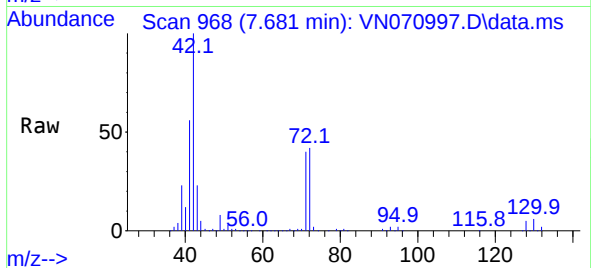
71 39.1 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#30

Chloroform

Concen: 52.573 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN070997.D

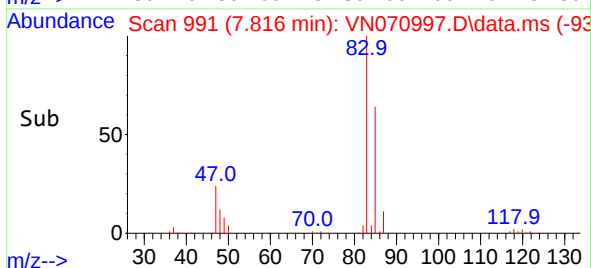
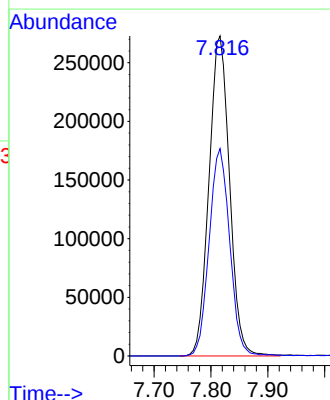
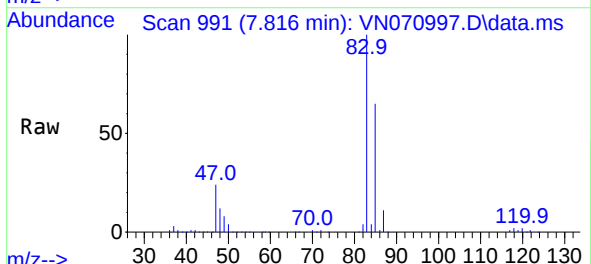
Acq: 18 Feb 2022 10:57

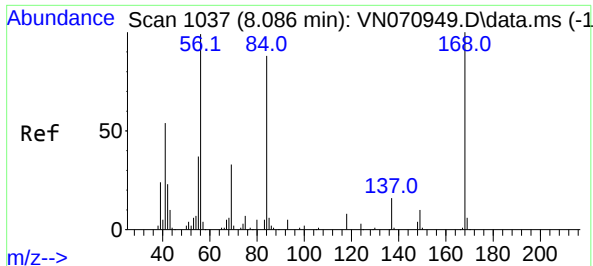
Tgt Ion: 83 Resp: 685331

Ion Ratio Lower Upper

83 100

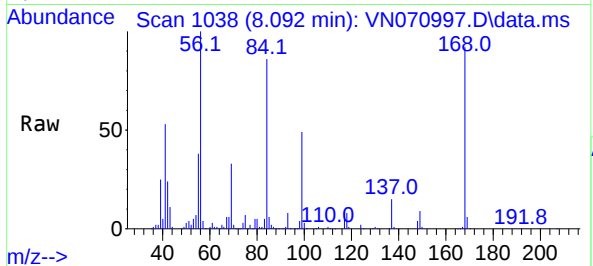
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 50.457 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

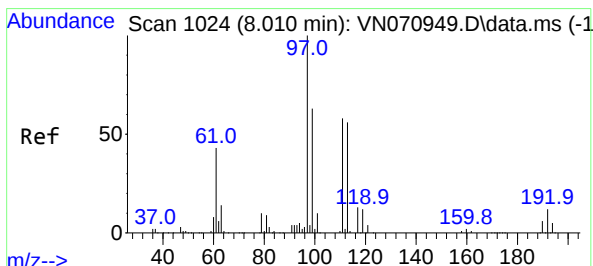
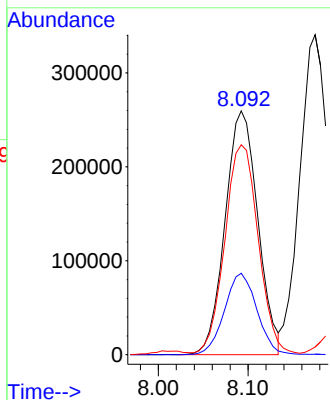
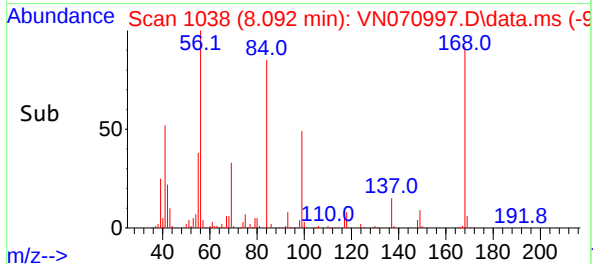
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



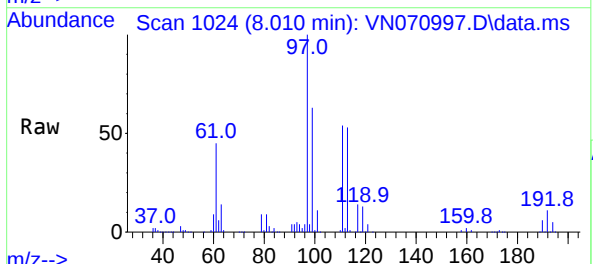
Tgt Ion: 56 Resp: 65815
Ion Ratio Lower Upper
56 100
69 33.4 27.1 40.7
84 84.6 73.4 110.0

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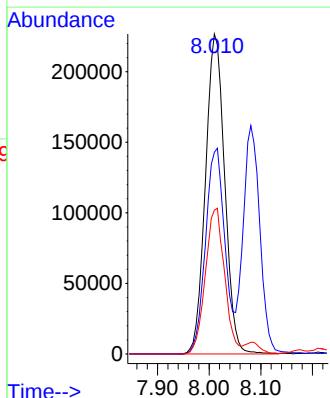
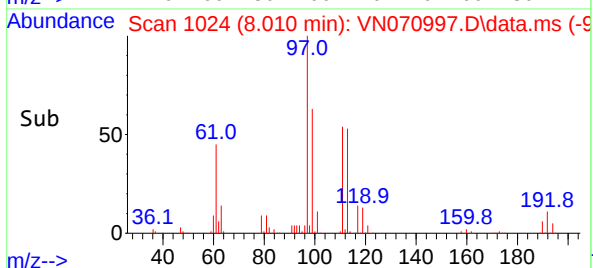
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

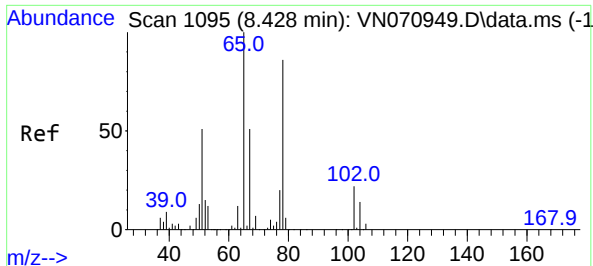


#32
1,1,1-Trichloroethane
Concen: 52.066 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion: 97 Resp: 586140
Ion Ratio Lower Upper
97 100
99 65.6 50.1 75.1
61 45.7 35.2 52.8





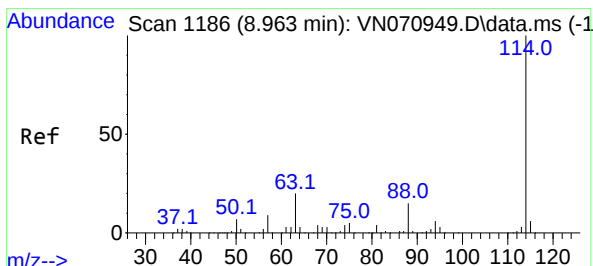
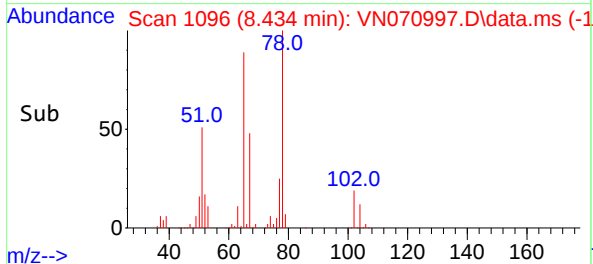
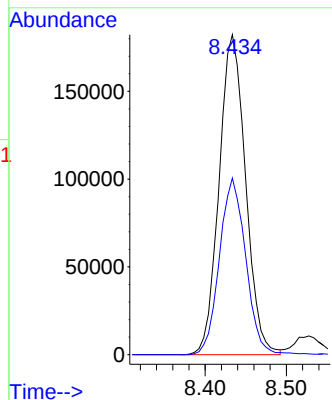
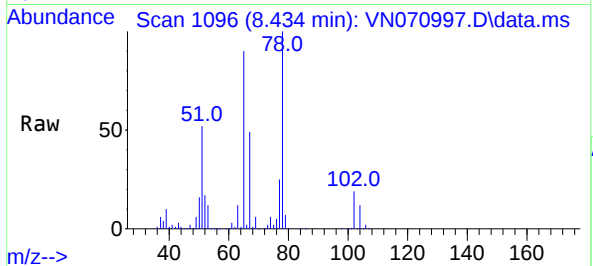
#33
1,2-Dichloroethane-d4
Concen: 54.846 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 413660
Ion Ratio Lower Upper
65 100
67 54.8 0.0 103.0

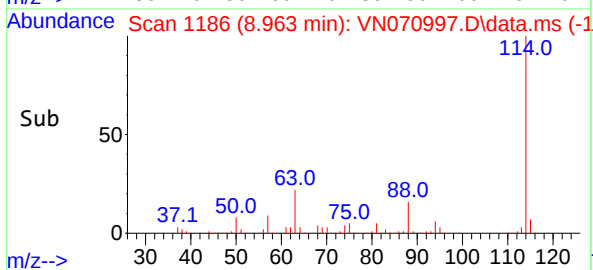
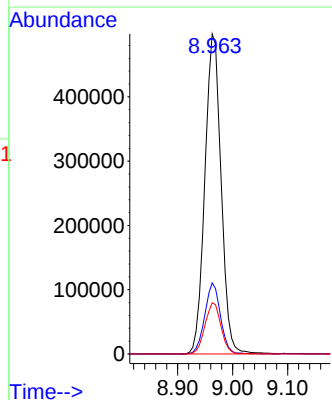
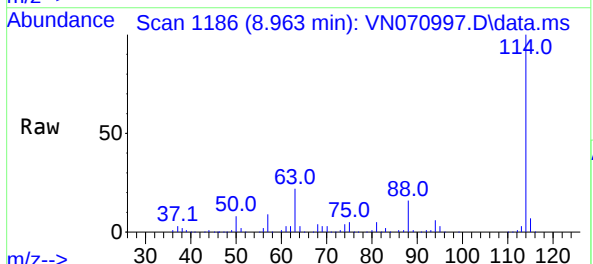
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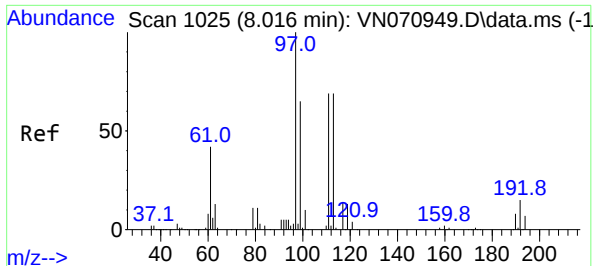
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

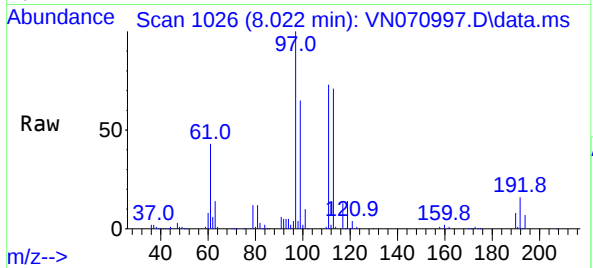
Tgt Ion:114 Resp: 1022095
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.8
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.967 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

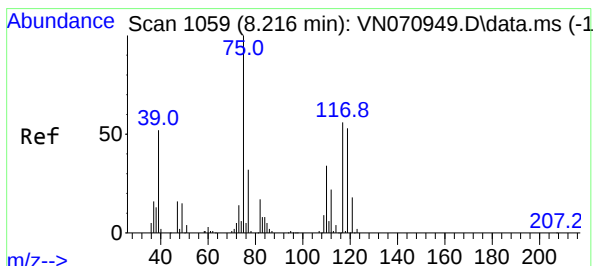
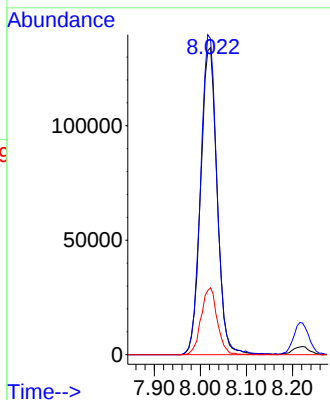
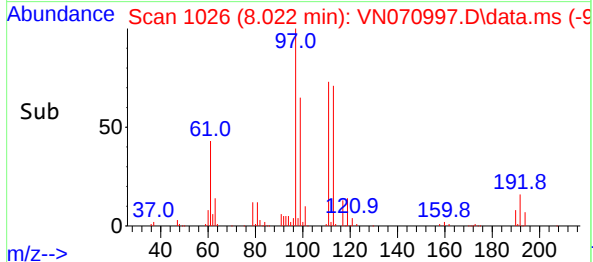
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



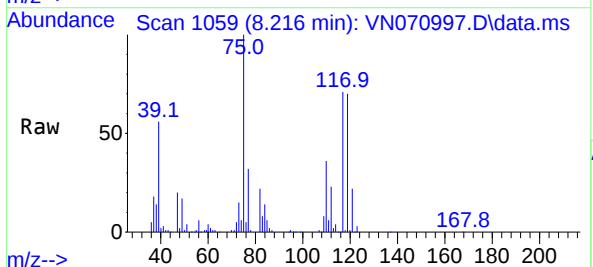
Tgt Ion: 113 Resp: 33416
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.3 16.9 25.3

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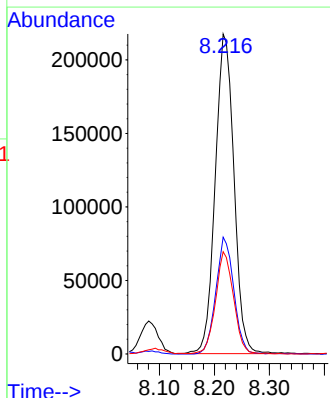
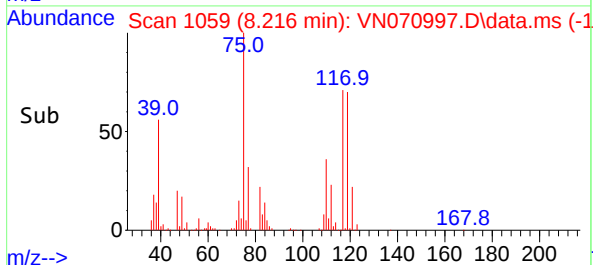
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

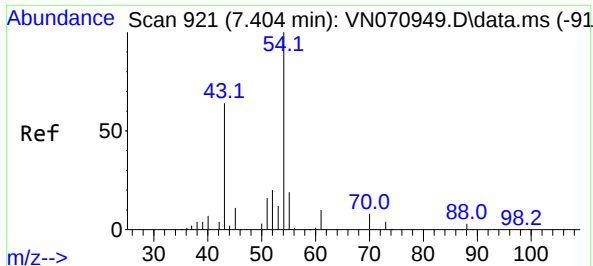


#36
1,1-Dichloropropene
Concen: 51.692 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion: 75 Resp: 514863
Ion Ratio Lower Upper
75 100
110 34.9 18.4 55.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 60.604 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN070997.D

Acq: 18 Feb 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 647369

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

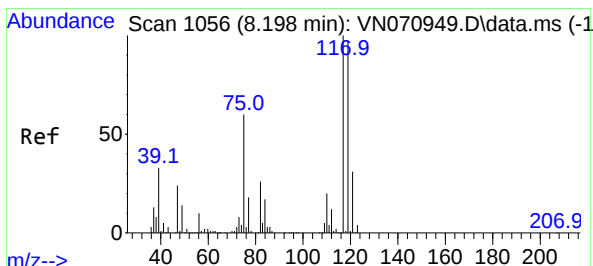
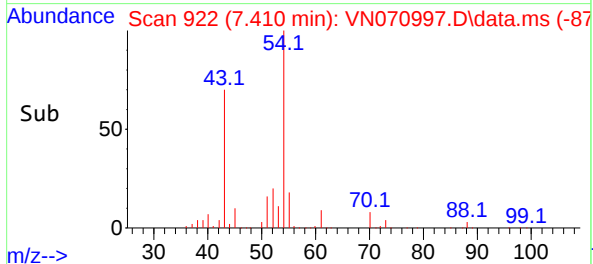
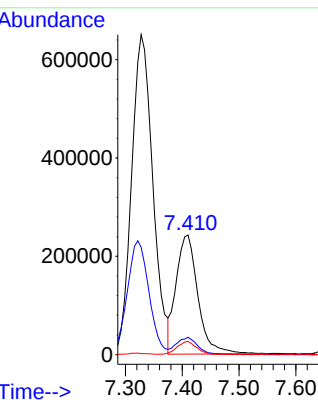
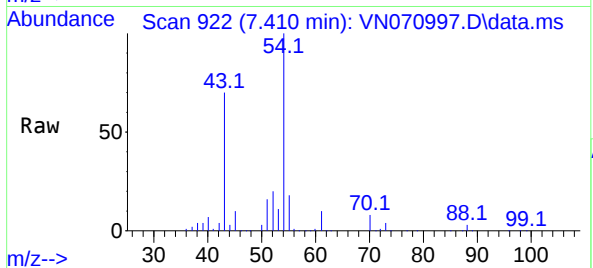
70 10.3 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#38

Carbon Tetrachloride

Concen: 52.130 ug/l

RT: 8.204 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN070997.D

Acq: 18 Feb 2022 10:57

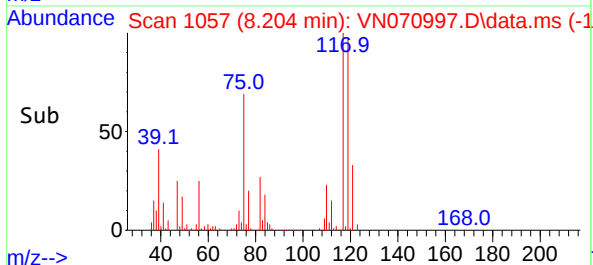
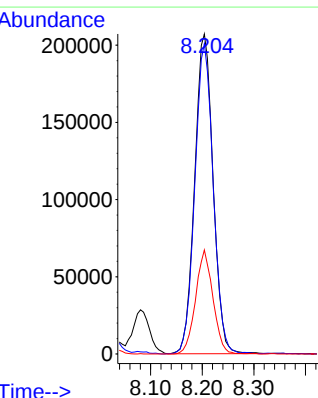
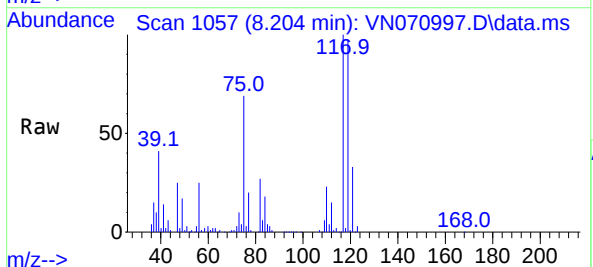
Tgt Ion:117 Resp: 511590

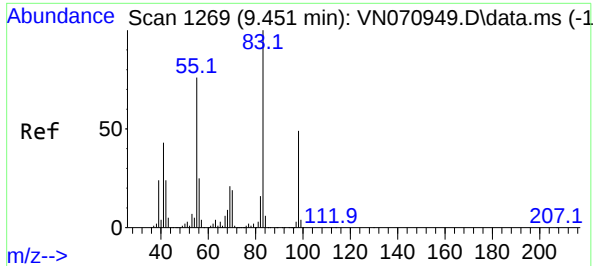
Ion Ratio Lower Upper

117 100

119 97.0 76.1 114.1

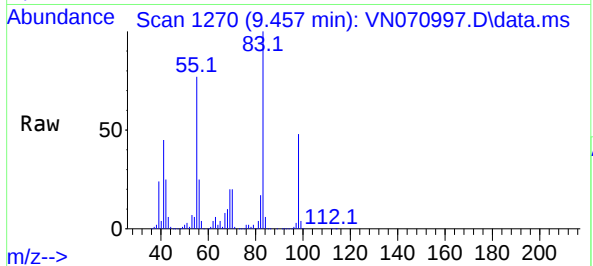
121 32.5 24.2 36.2





#39
Methylcyclohexane
Concen: 50.493 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

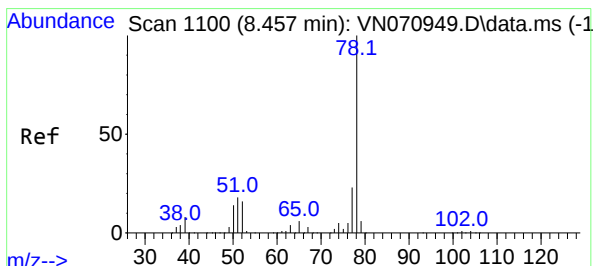
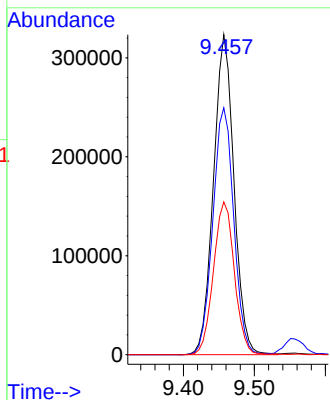
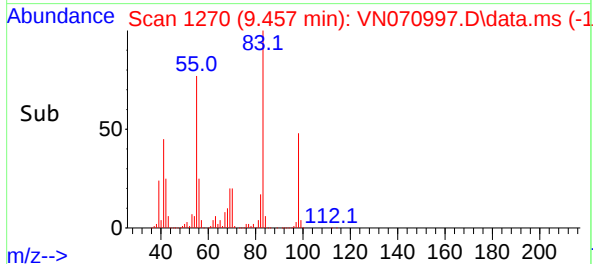
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 64712
Ion Ratio Lower Upper
83 100
55 77.1 58.1 87.1
98 47.7 38.4 57.6

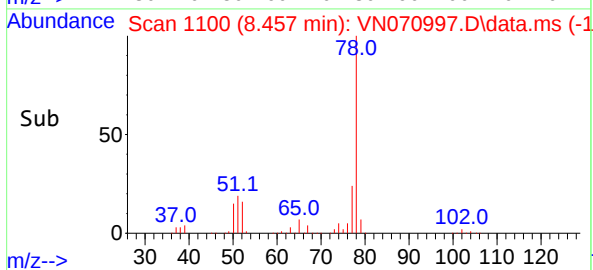
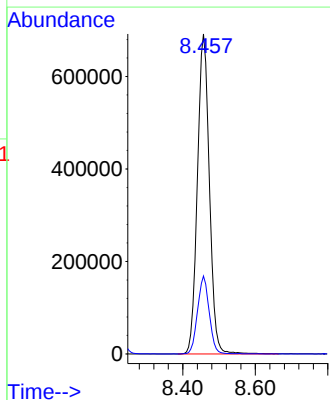
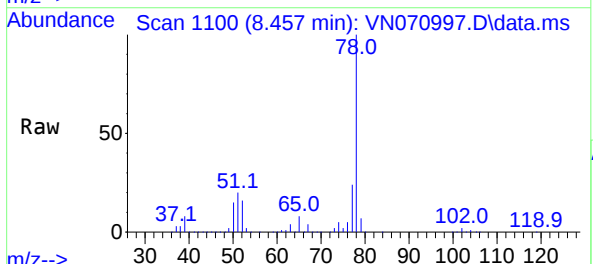
Manual Integrations
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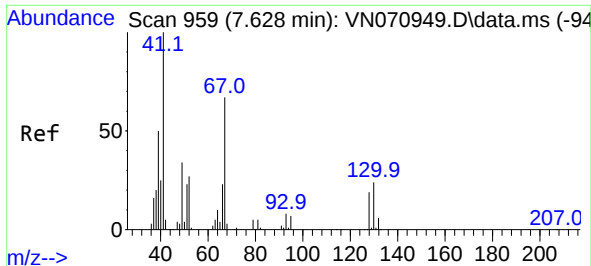
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#40
Benzene
Concen: 53.786 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

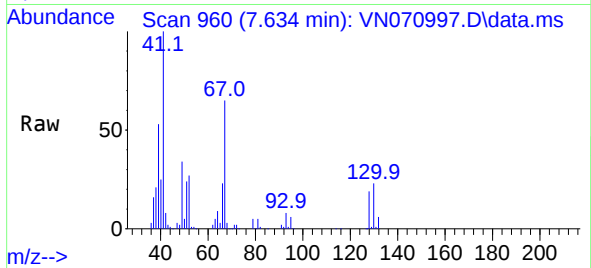
Tgt Ion: 78 Resp: 1584638
Ion Ratio Lower Upper
78 100
77 24.4 18.6 27.8





#41
Methacrylonitrile
Concen: 61.503 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

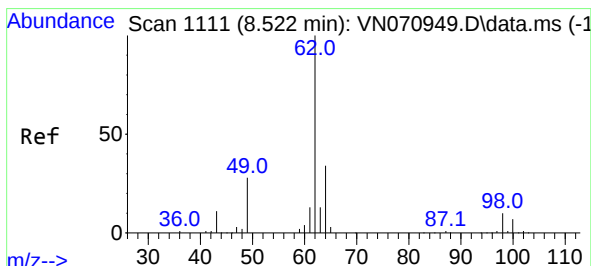
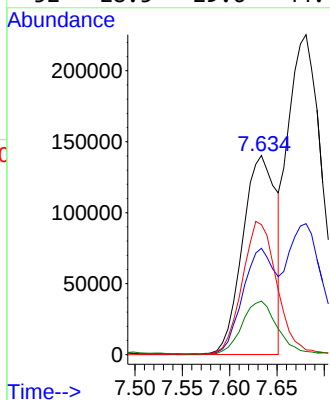
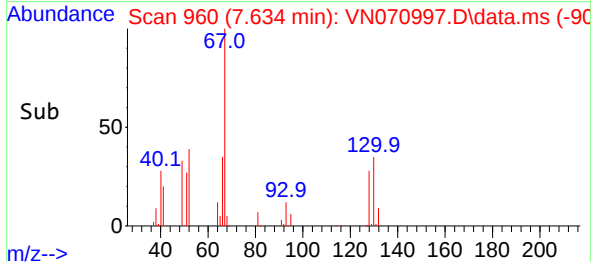
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



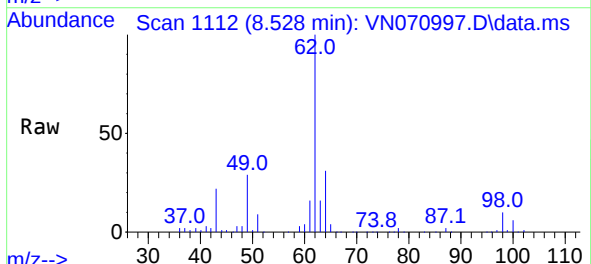
Tgt Ion: 41 Resp: 346010
Ion Ratio Lower Upper
41 100
39 51.8 48.1 72.1
67 69.8 68.3 102.5
52 28.5 29.6 44.4#

Manual Integrations
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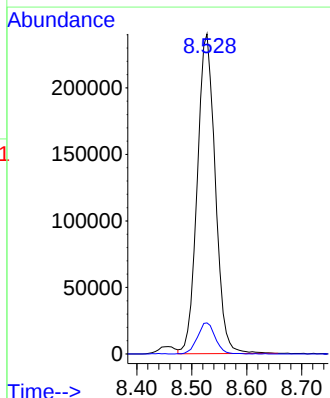
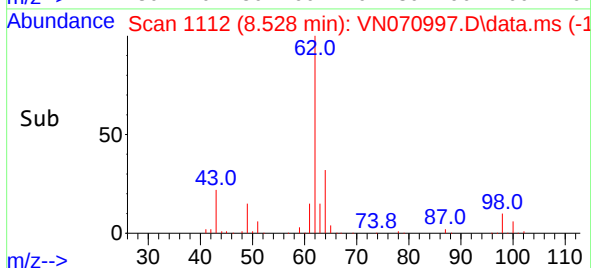
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

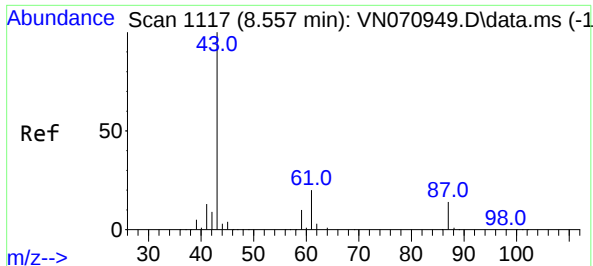


#42
1,2-Dichloroethane
Concen: 54.481 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



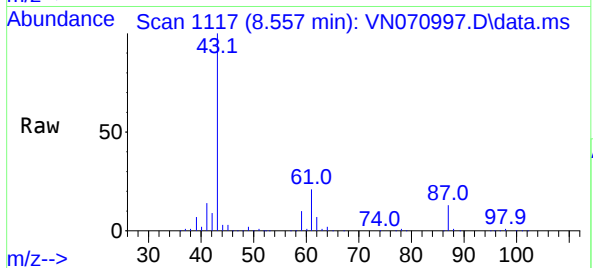
Tgt Ion: 62 Resp: 546672
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 56.763 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

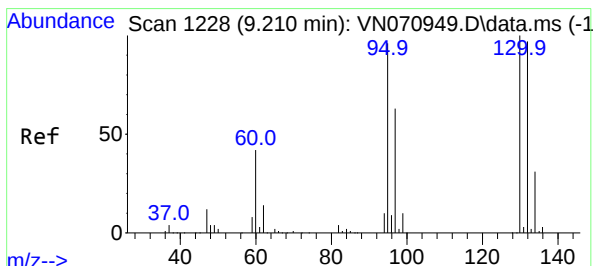
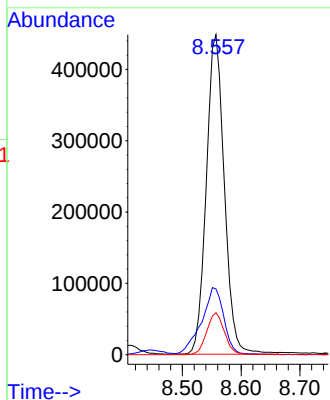
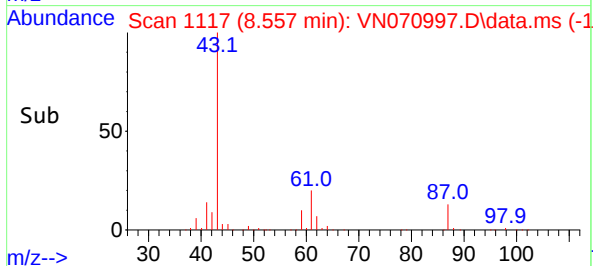
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



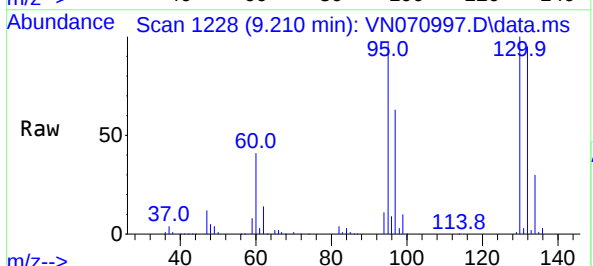
Tgt Ion: 43 Resp: 955720
Ion Ratio Lower Upper
43 100
61 26.2 20.4 30.6
87 13.0 11.2 16.8

Manual Integrations
APPROVED

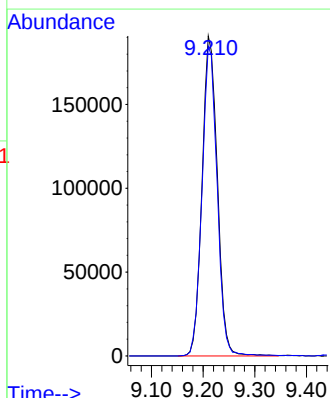
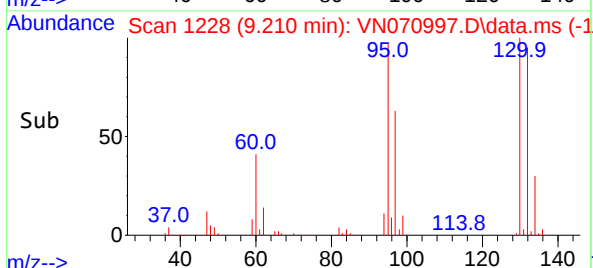
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

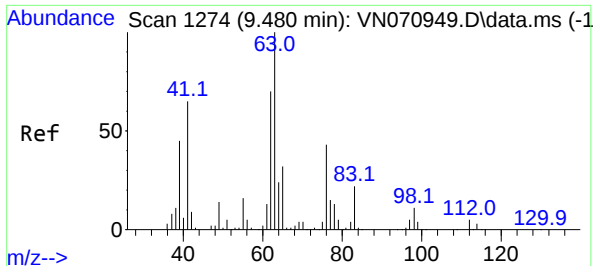


#44
Trichloroethene
Concen: 50.469 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



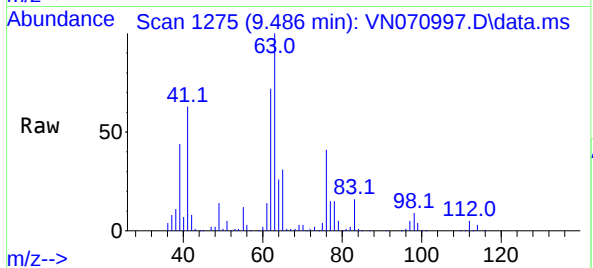
Tgt Ion:130 Resp: 391549
Ion Ratio Lower Upper
130 100
95 96.8 0.0 191.2





#45
1,2-Dichloropropane
Concen: 55.104 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

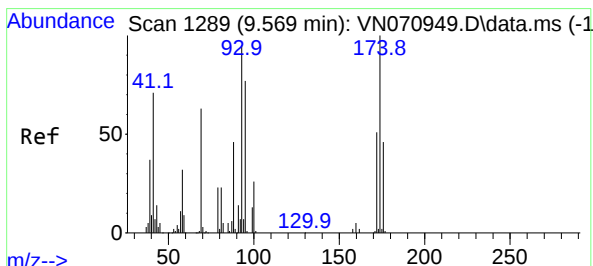
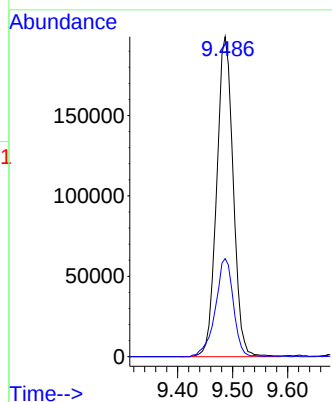
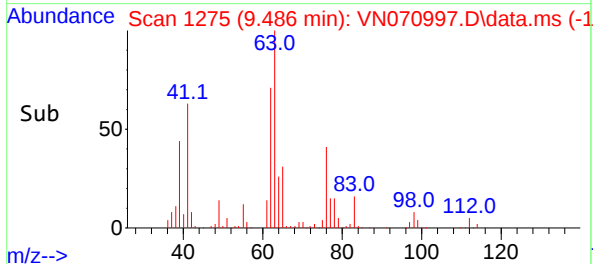
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



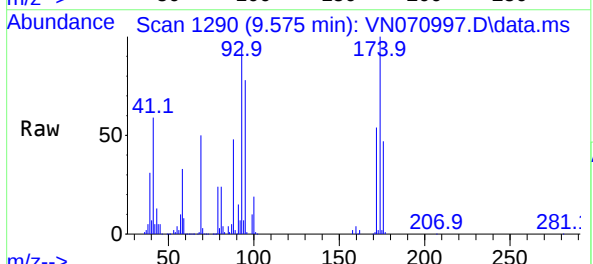
Tgt Ion: 63 Resp: 415862
Ion Ratio Lower Upper
63 100
65 30.7 24.7 37.1

Manual Integrations
APPROVED

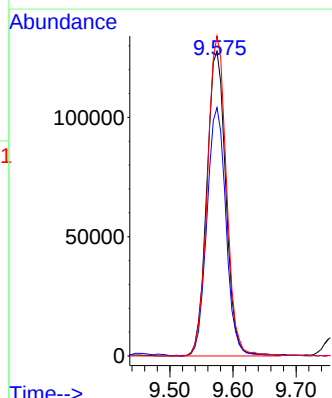
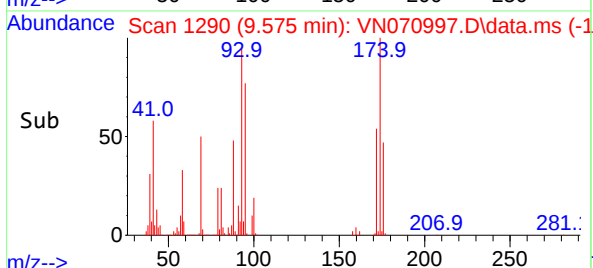
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

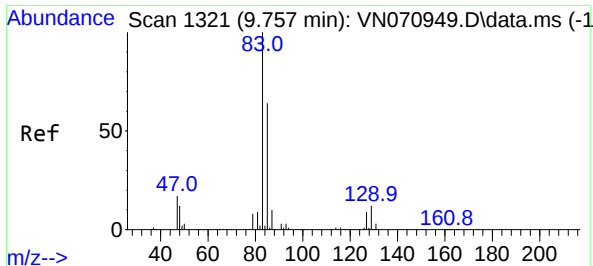


#46
Dibromomethane
Concen: 54.043 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion: 93 Resp: 268405
Ion Ratio Lower Upper
93 100
95 81.4 65.9 98.9
174 104.7 84.6 127.0





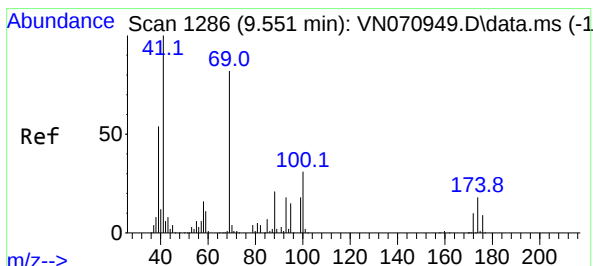
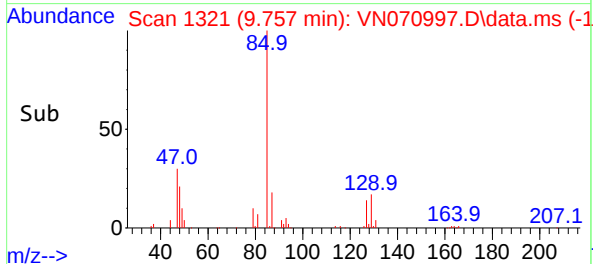
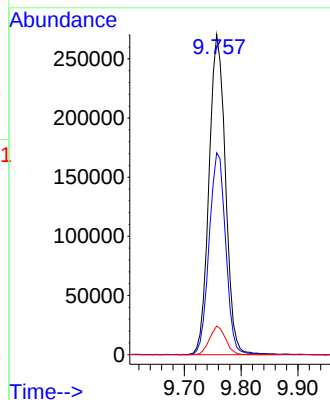
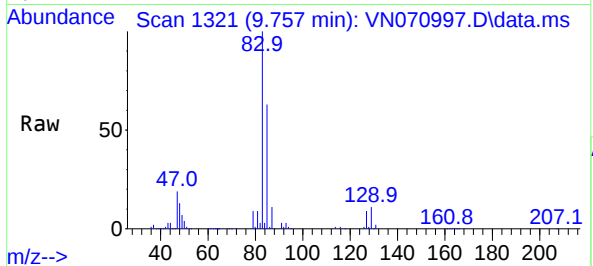
#47
Bromodichloromethane
Concen: 54.078 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 54280
Ion Ratio Lower Upper
83 100
85 63.1 50.9 76.3
127 9.0 7.1 10.7

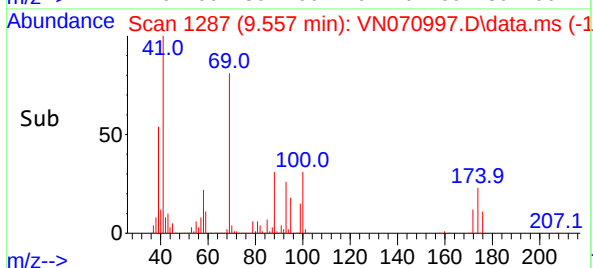
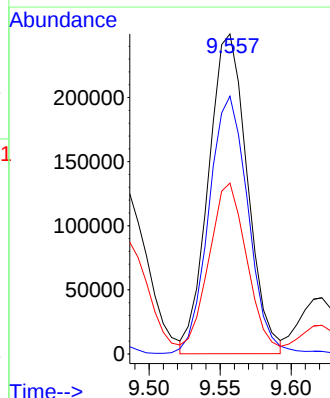
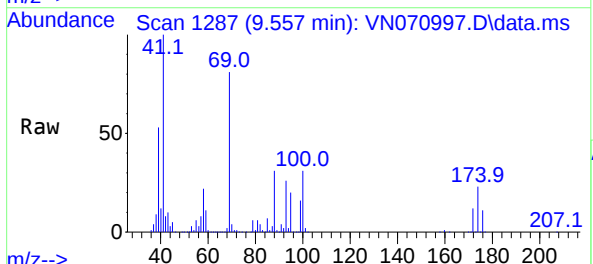
Manual Integrations
APPROVED

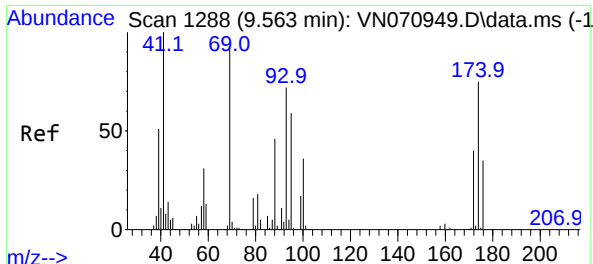
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#48
Methyl methacrylate
Concen: 59.598 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

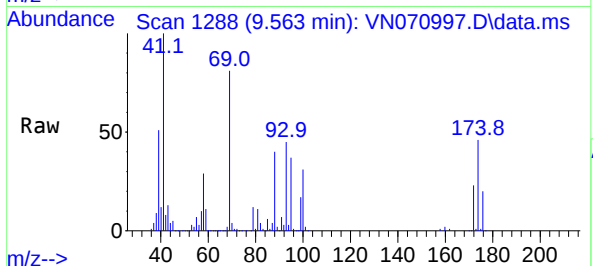
Tgt Ion: 41 Resp: 474965
Ion Ratio Lower Upper
41 100
69 81.6 72.4 108.6
39 52.4 58.4 87.6#





#49
1,4-Dioxane
Concen: 1298.493 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

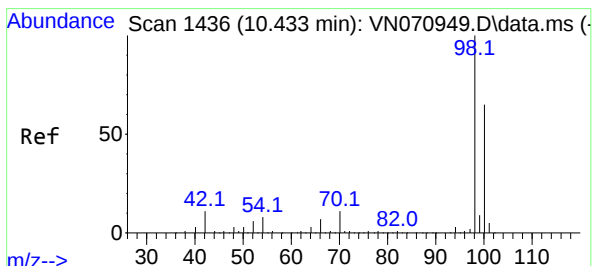
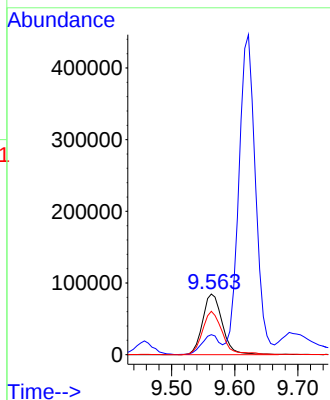
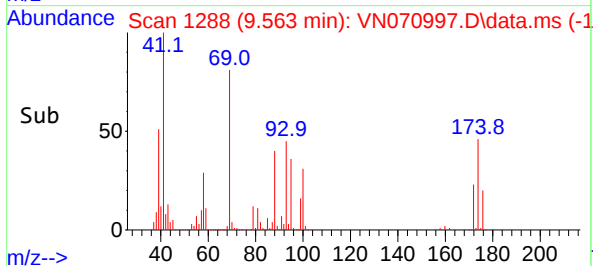
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



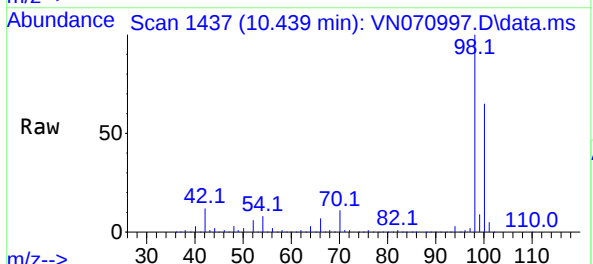
Tgt Ion: 88 Resp: 183800
Ion Ratio Lower Upper
88 100
43 29.0 23.4 35.2
58 72.3 50.6 75.8

Manual Integrations
APPROVED

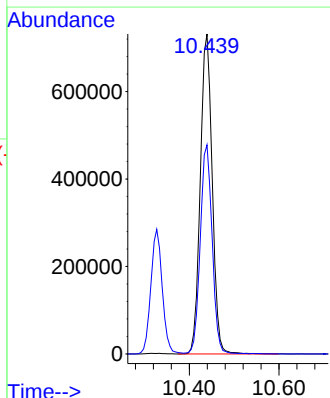
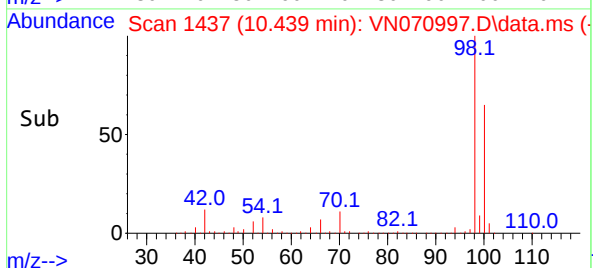
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

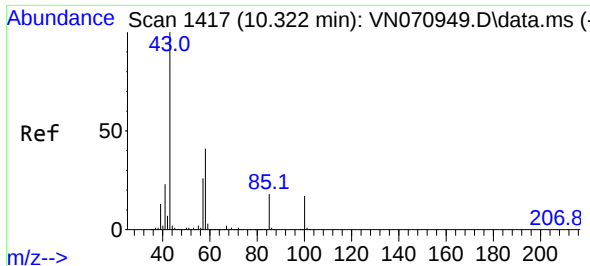


#50
Toluene-d8
Concen: 55.162 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



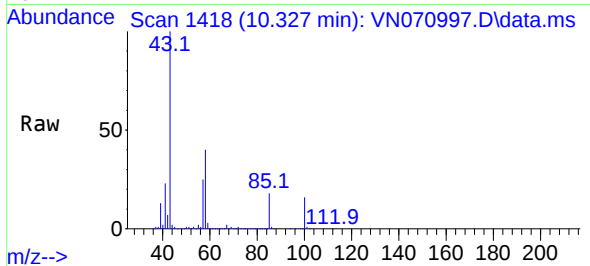
Tgt Ion: 98 Resp: 1346742
Ion Ratio Lower Upper
98 100
100 65.0 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 311.776 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

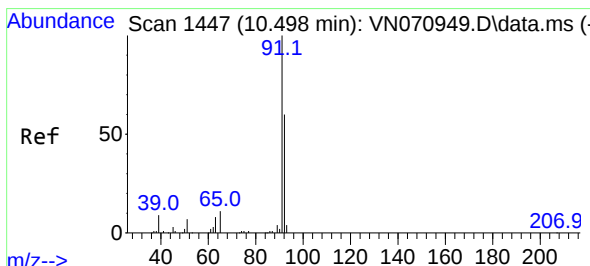
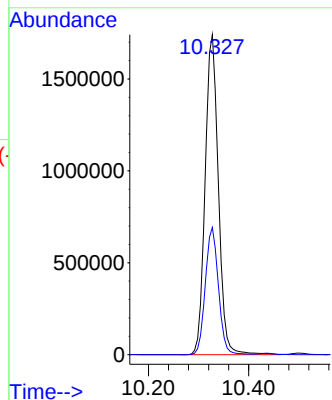
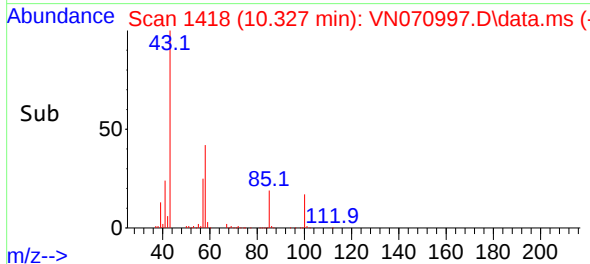
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 319385
Ion Ratio Lower Upper
43 100
58 39.4 30.4 45.6

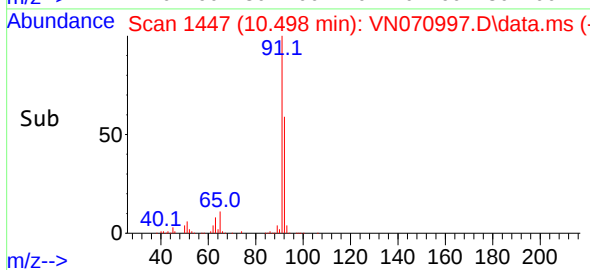
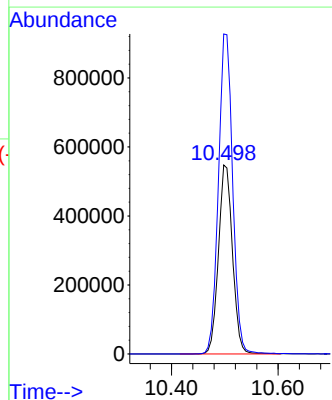
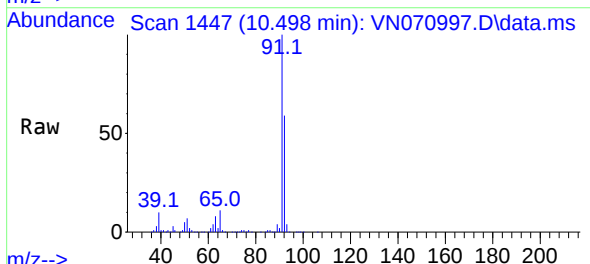
Manual Integrations
APPROVED

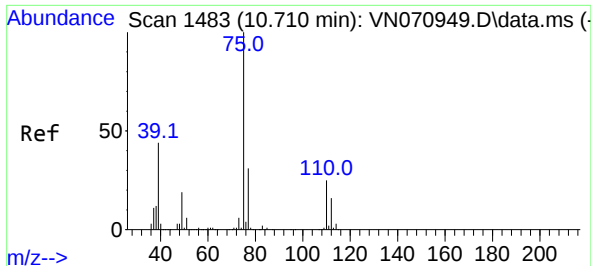
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#52
Toluene
Concen: 54.066 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

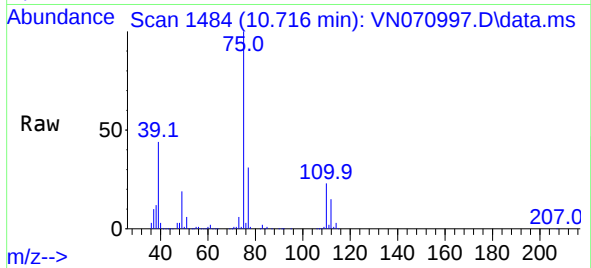
Tgt Ion: 92 Resp: 1000917
Ion Ratio Lower Upper
92 100
91 171.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 54.372 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

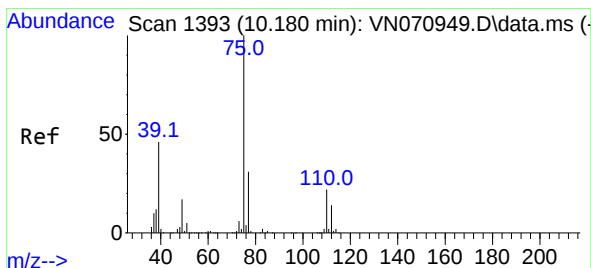
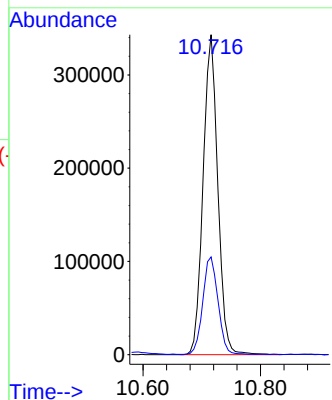
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



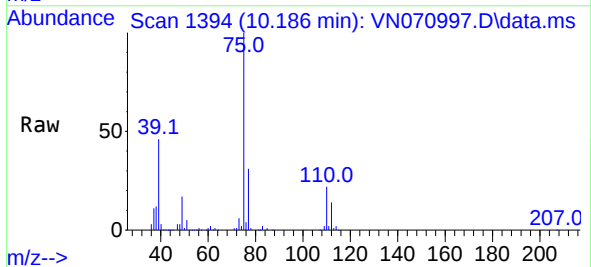
Tgt Ion: 75 Resp: 59344
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

Manual Integrations
APPROVED

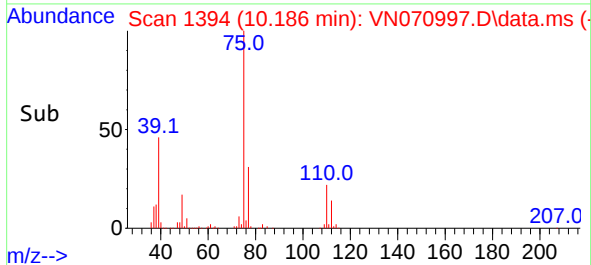
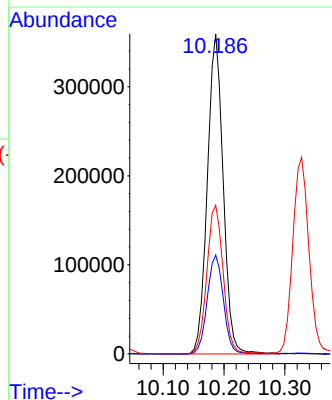
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

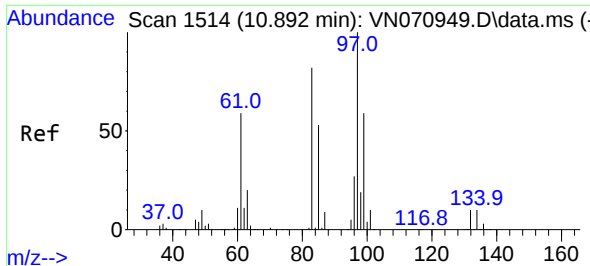


#54
cis-1,3-Dichloropropene
Concen: 54.158 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



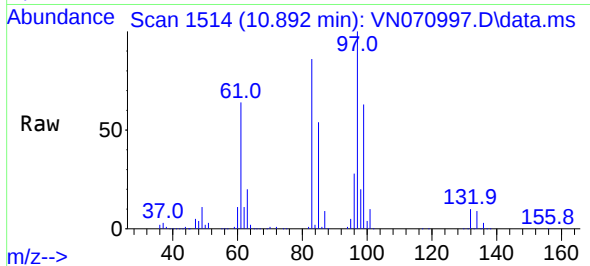
Tgt Ion: 75 Resp: 649155
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 46.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 54.040 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

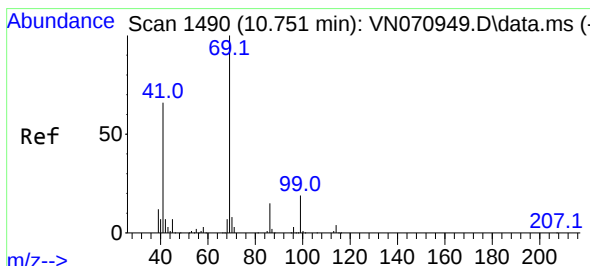
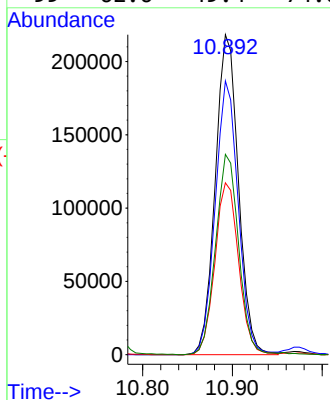
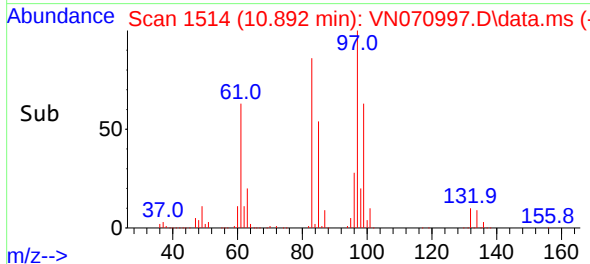
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



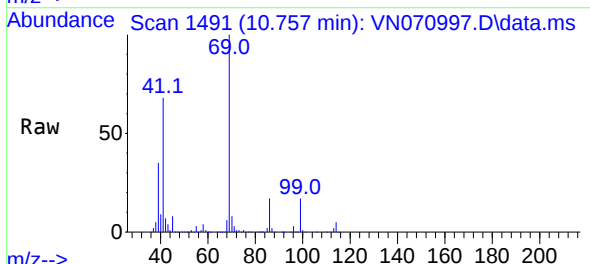
Tgt Ion: 97 Resp: 391604
Ion Ratio Lower Upper
97 100
83 85.6 67.8 101.6
85 53.7 45.4 68.2
99 62.6 49.4 74.0

Manual Integrations
APPROVED

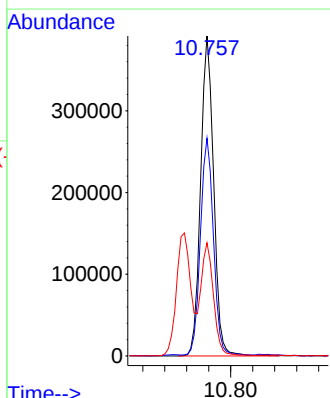
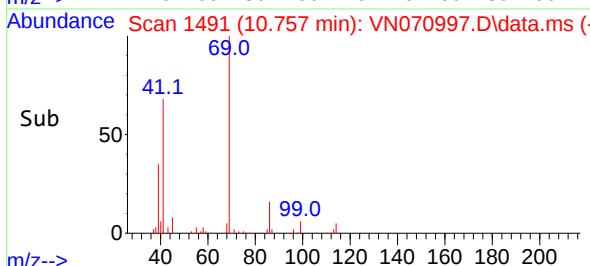
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

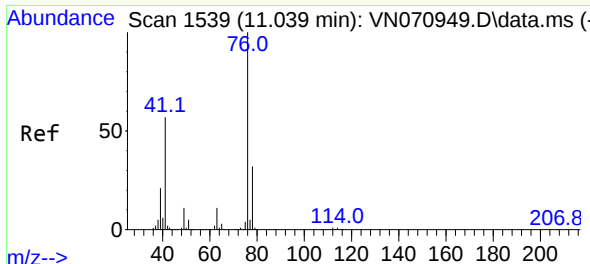


#56
Ethyl methacrylate
Concen: 58.972 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



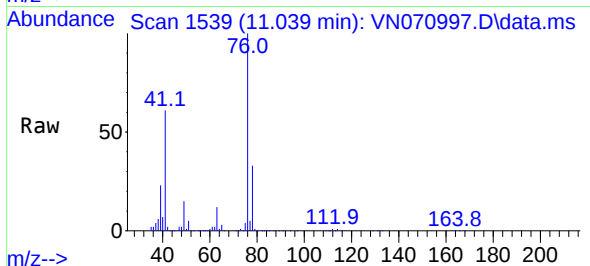
Tgt Ion: 69 Resp: 643881
Ion Ratio Lower Upper
69 100
41 67.4 51.4 77.0
39 32.5 34.6 52.0#





#57
1,3-Dichloropropane
Concen: 55.231 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

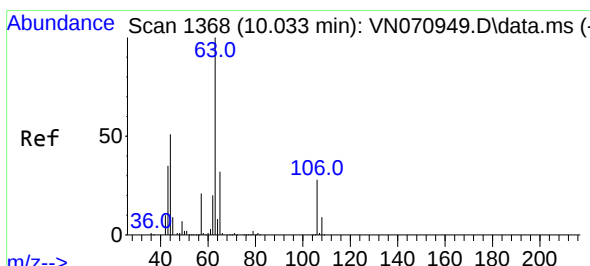
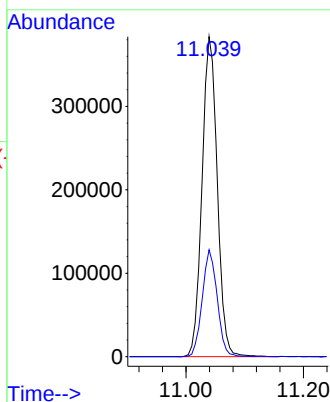
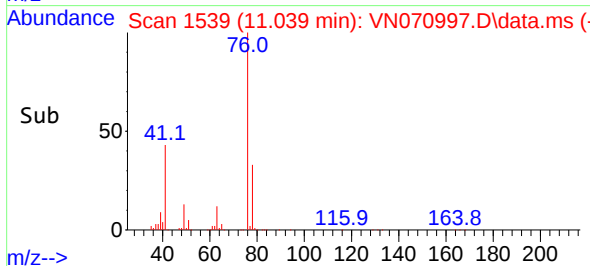
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



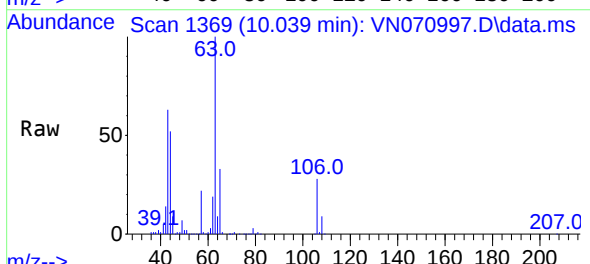
Tgt Ion: 76 Resp: 692295
Ion Ratio Lower Upper
76 100
78 32.7 25.7 38.5

Manual Integrations
APPROVED

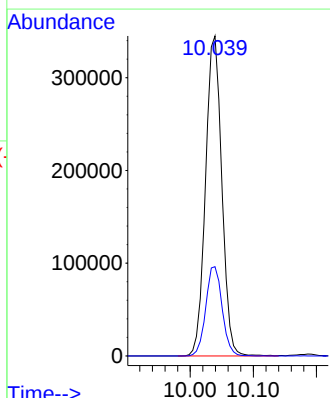
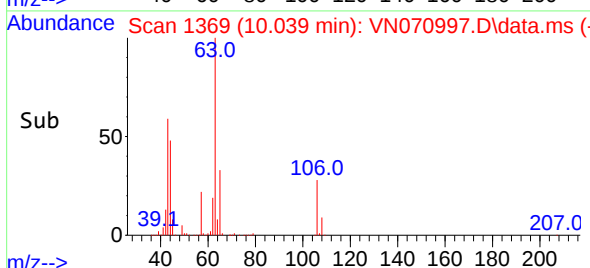
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

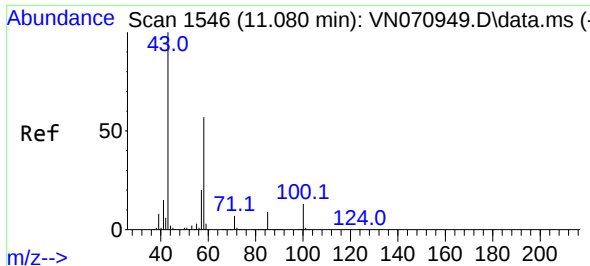


#58
2-Chloroethyl Vinyl ether
Concen: 253.629 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



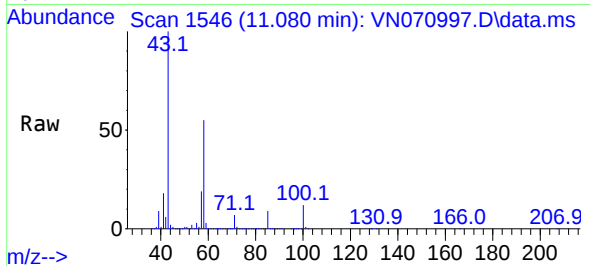
Tgt Ion: 63 Resp: 617265
Ion Ratio Lower Upper
63 100
106 28.1 23.9 35.9





#59
2-Hexanone
Concen: 324.158 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

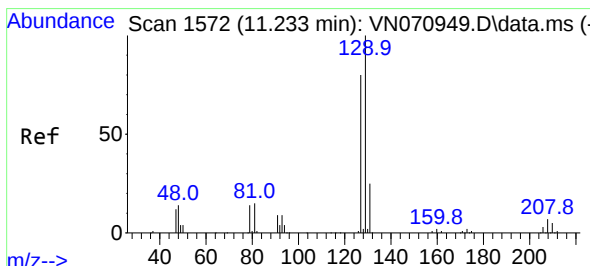
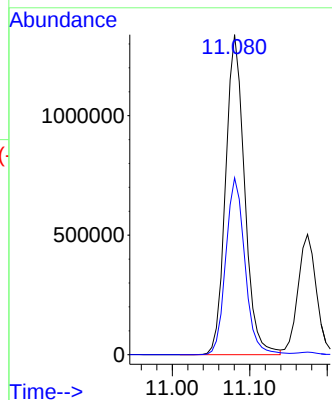
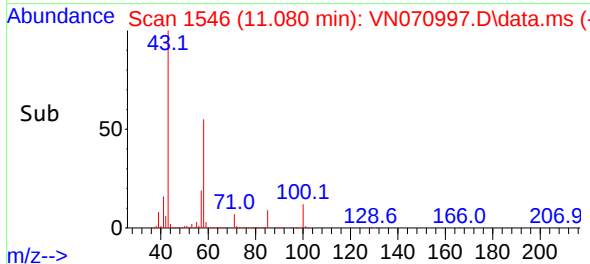
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



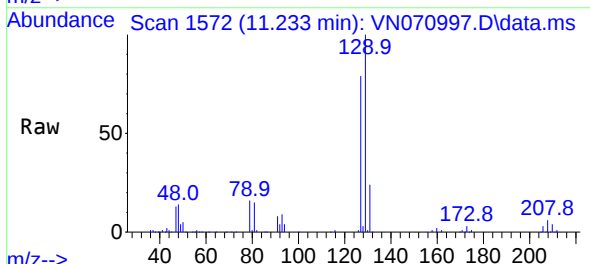
Tgt Ion: 43 Resp: 228382
Ion Ratio Lower Upper
43 100
58 55.6 26.9 80.7

Manual Integrations
APPROVED

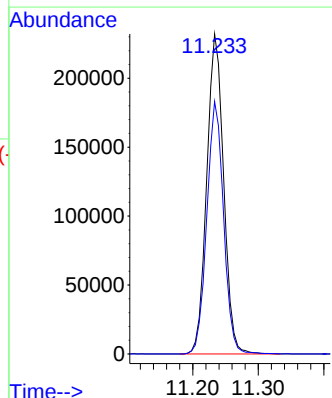
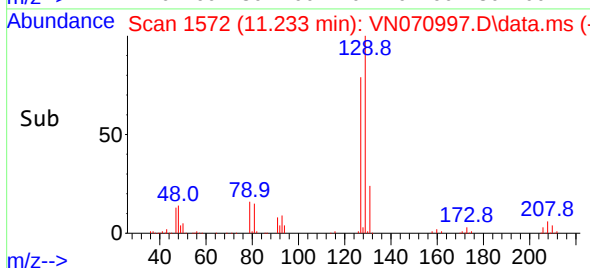
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

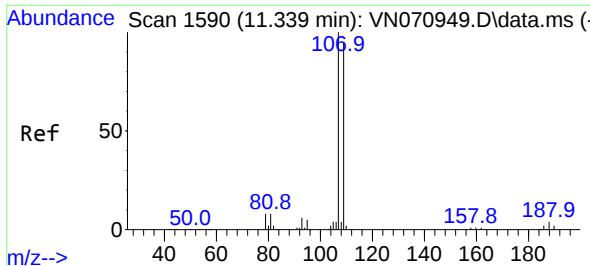


#60
Dibromochloromethane
Concen: 54.348 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



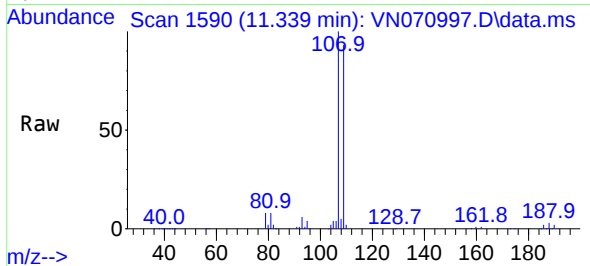
Tgt Ion:129 Resp: 416214
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.977 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

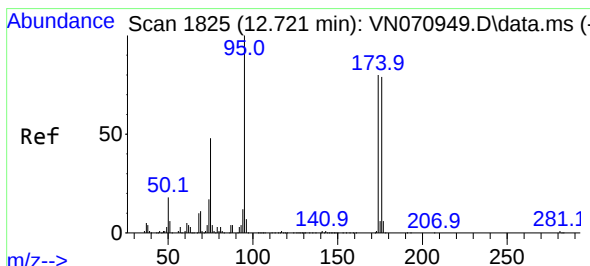
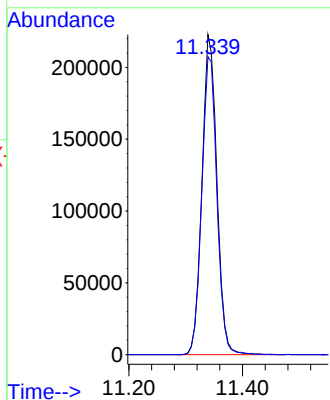
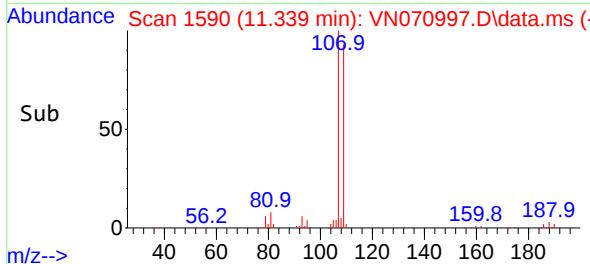
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



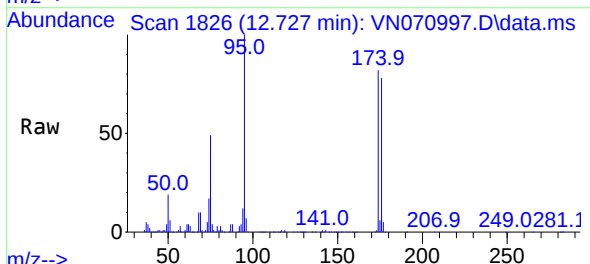
Tgt Ion:107 Resp: 405224
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

Manual Integrations
APPROVED

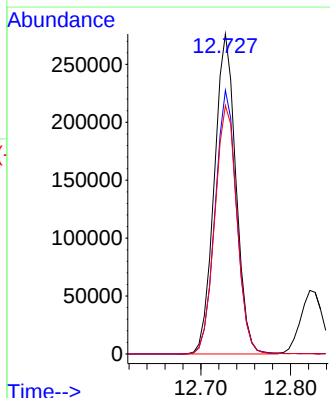
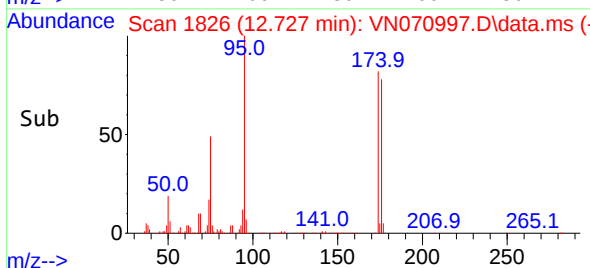
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

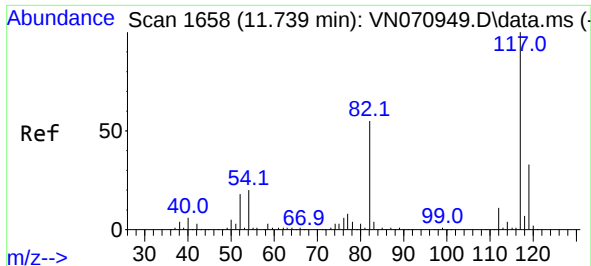


#62
4-Bromofluorobenzene
Concen: 52.916 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



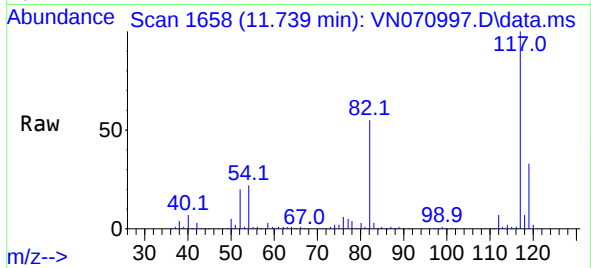
Tgt Ion: 95 Resp: 461787
Ion Ratio Lower Upper
95 100
174 82.1 0.0 187.2
176 79.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

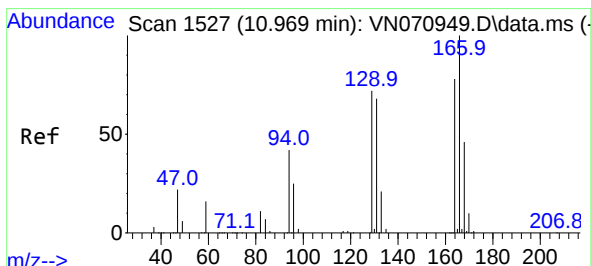
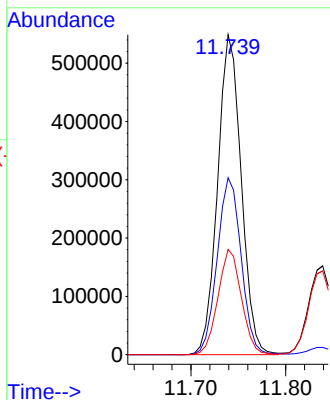
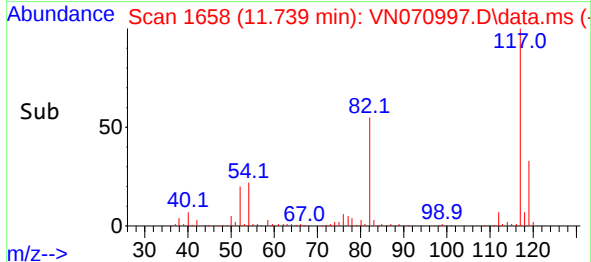
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



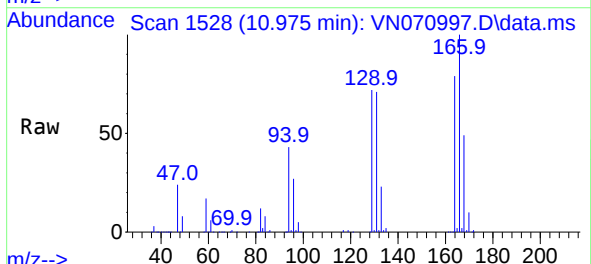
Tgt Ion:117 Resp: 95121
Ion Ratio Lower Upper
117 100
82 55.3 42.4 63.6
119 32.9 25.4 38.2

Manual Integrations
APPROVED

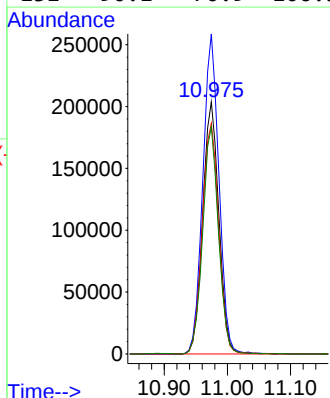
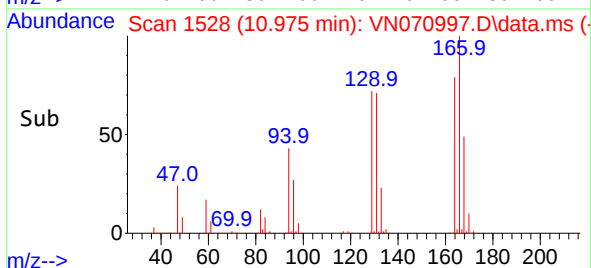
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

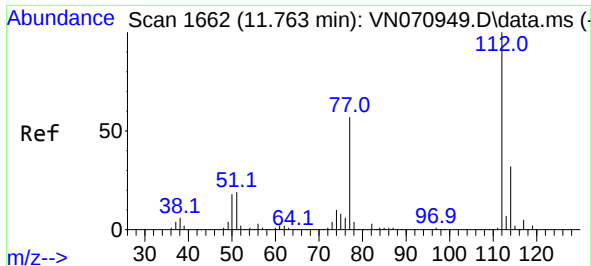


#64
Tetrachloroethene
Concen: 49.231 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



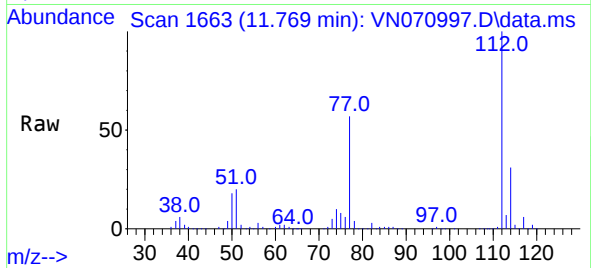
Tgt Ion:164 Resp: 364705
Ion Ratio Lower Upper
164 100
166 127.0 101.9 152.9
129 91.5 72.0 108.0
131 90.1 70.9 106.3





#65
Chlorobenzene
Concen: 51.894 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

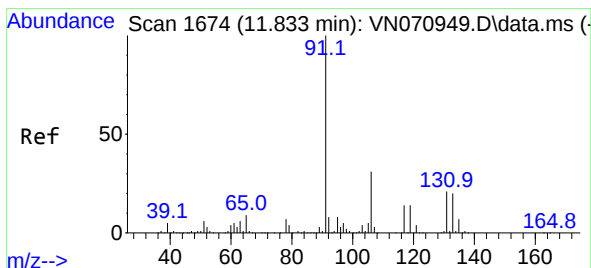
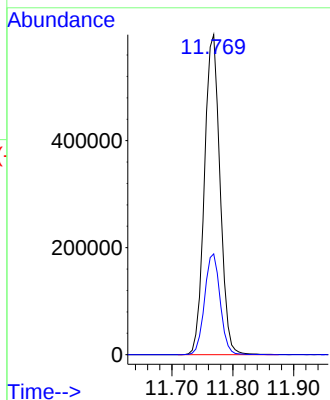
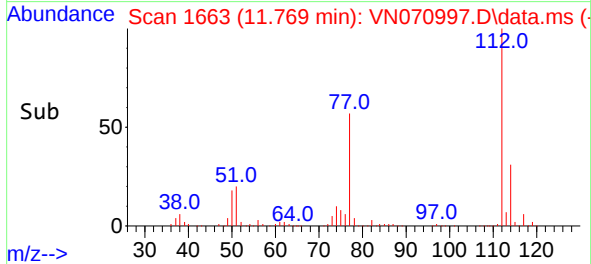
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



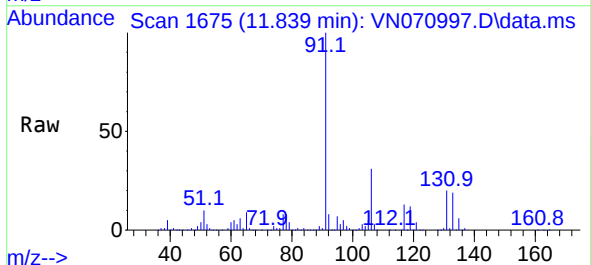
Tgt Ion:112 Resp: 106368
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
APPROVED

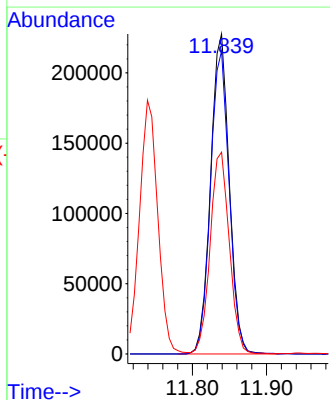
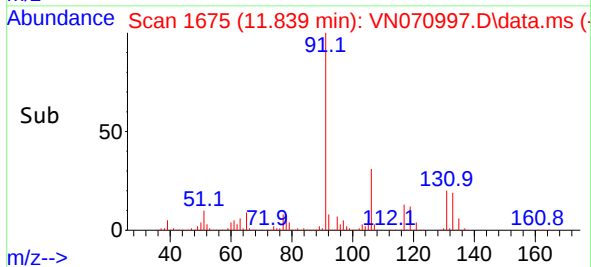
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

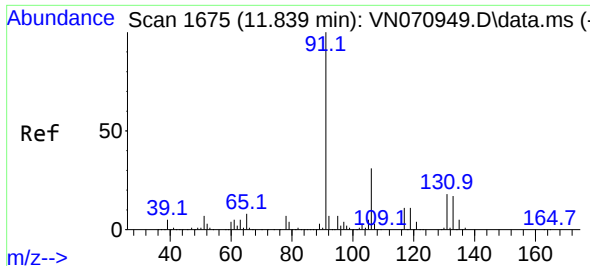


#66
1,1,1,2-Tetrachloroethane
Concen: 53.202 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



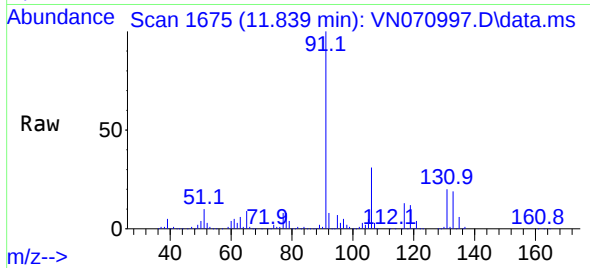
Tgt Ion:131 Resp: 397510
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 64.7 32.1 96.5





#67
Ethyl Benzene
Concen: 53.758 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

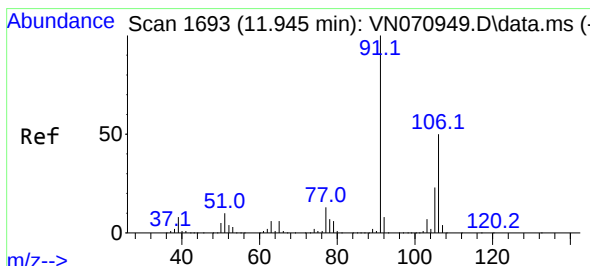
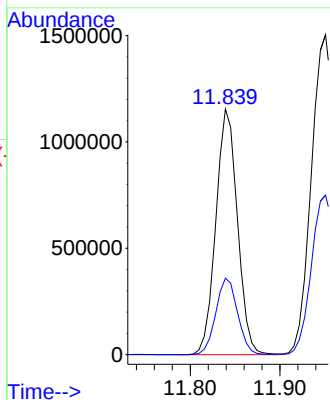
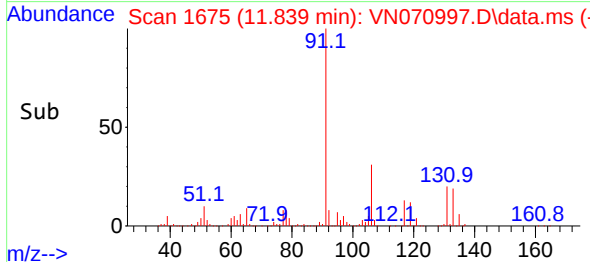
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



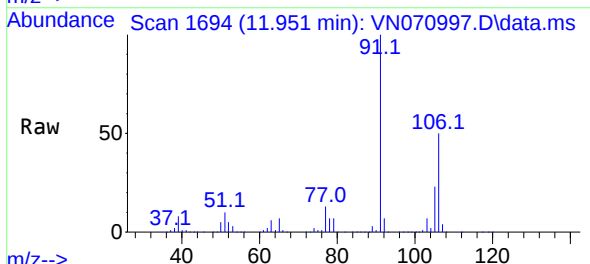
Tgt Ion: 91 Resp: 192855
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5

Manual Integrations
APPROVED

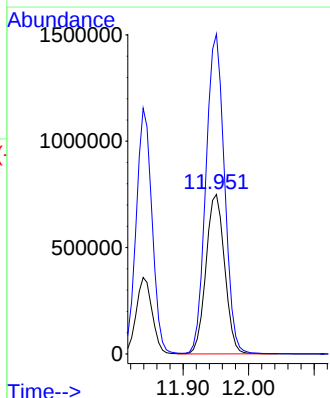
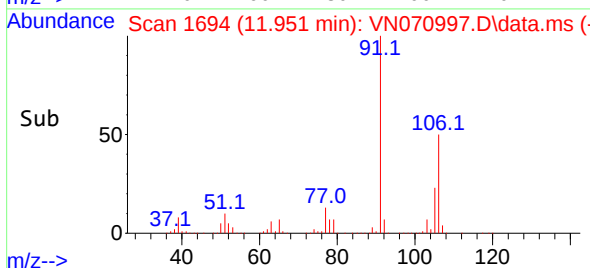
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

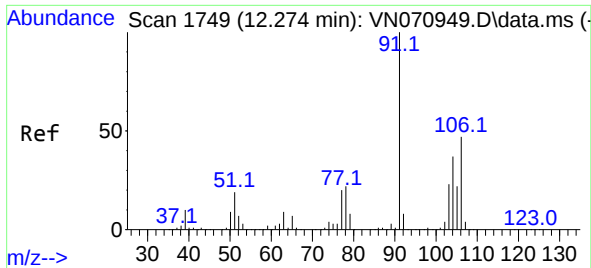


#68
m/p-Xylenes
Concen: 106.823 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion:106 Resp: 1480287
Ion Ratio Lower Upper
106 100
91 199.4 160.6 240.8





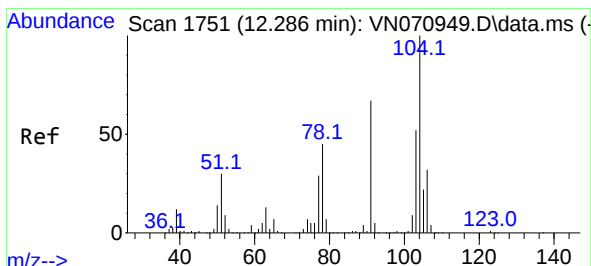
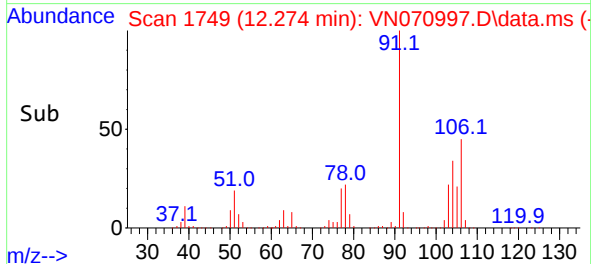
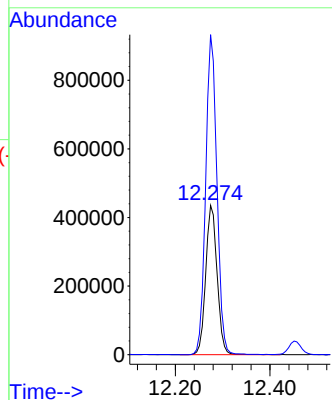
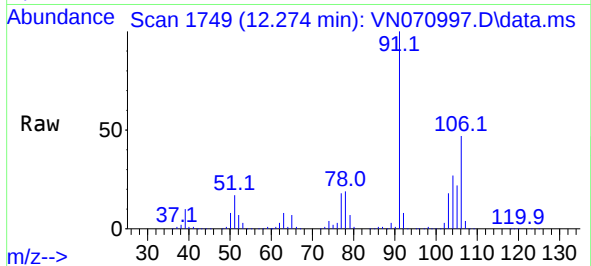
#69
o-Xylene
Concen: 53.718 ug/l
RT: 12.274 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 727164
Ion Ratio Lower Upper
106 100
91 211.7 105.8 317.3

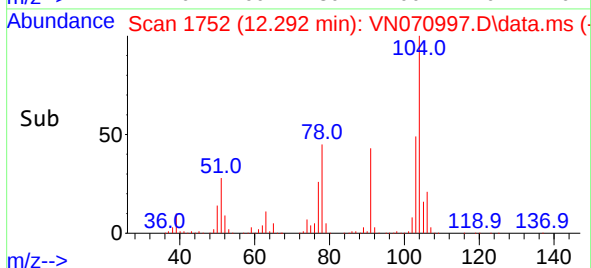
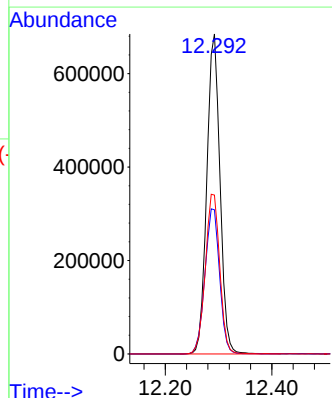
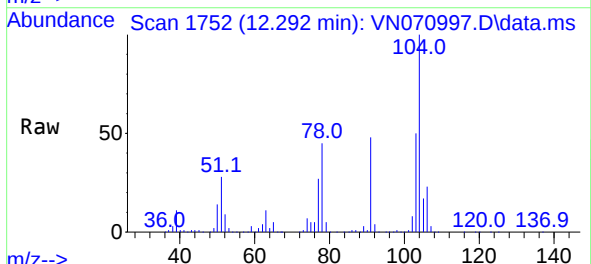
Manual Integrations
APPROVED

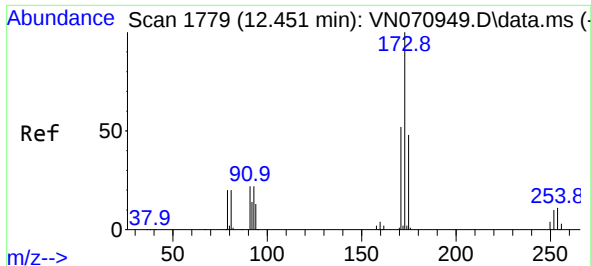
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#70
Styrene
Concen: 54.712 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

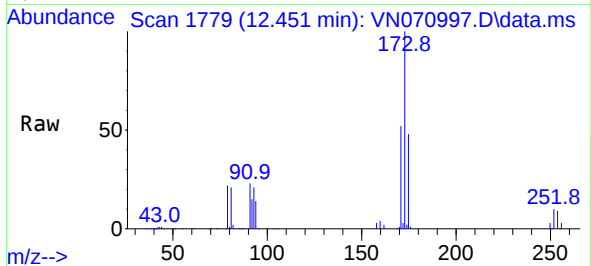
Tgt Ion:104 Resp: 1177635
Ion Ratio Lower Upper
104 100
78 50.2 38.7 58.1
103 54.6 45.0 67.6





#71
Bromoform
Concen: 53.581 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

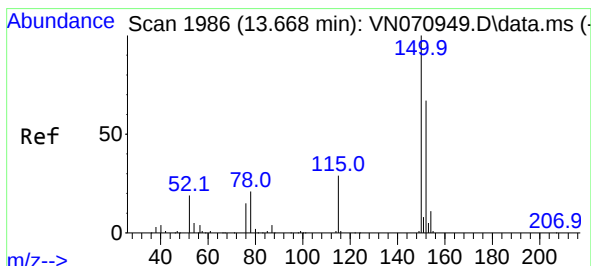
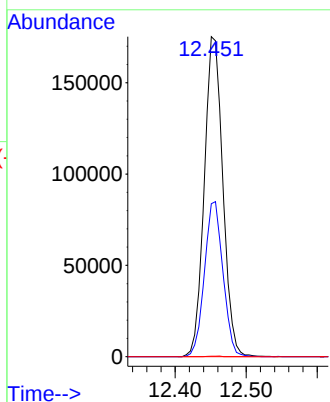
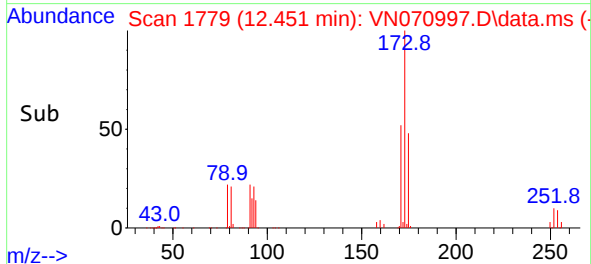
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



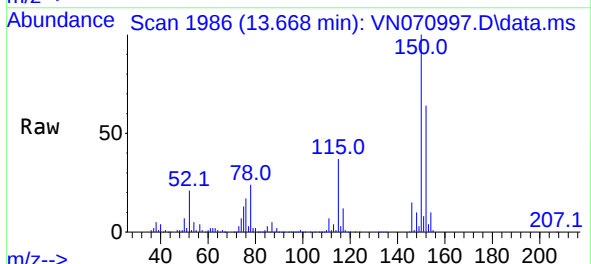
Tgt Ion:173 Resp: 318830
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

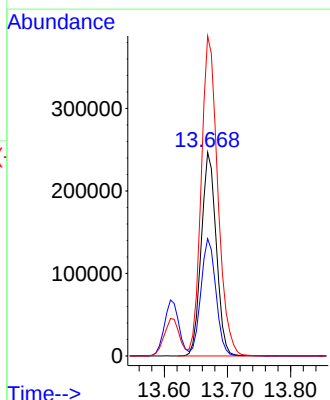
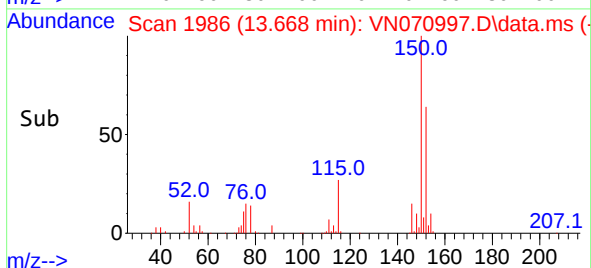
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

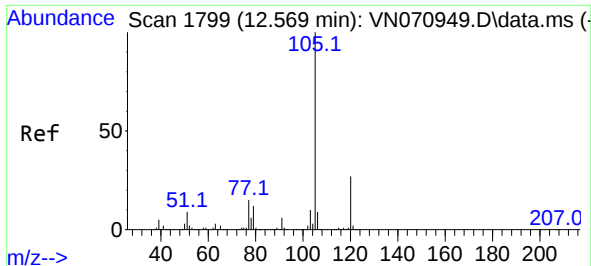


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion:152 Resp: 406976
Ion Ratio Lower Upper
152 100
115 57.8 27.5 82.5
150 173.2 0.0 344.4





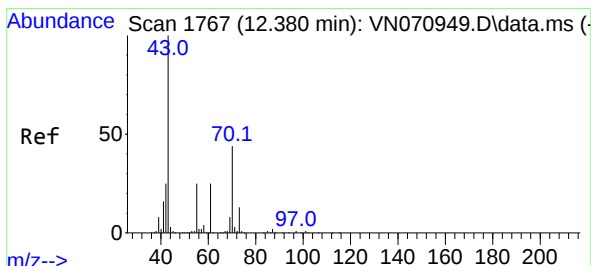
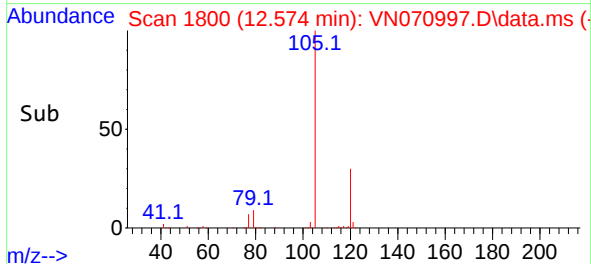
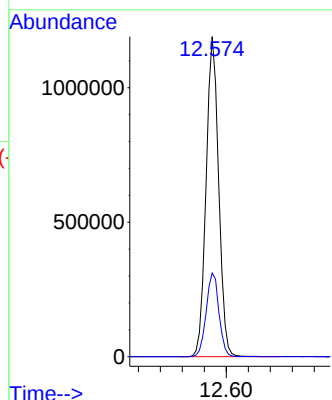
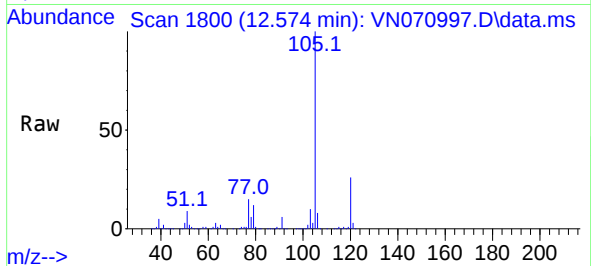
#73
Isopropylbenzene
Concen: 57.546 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1885102
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

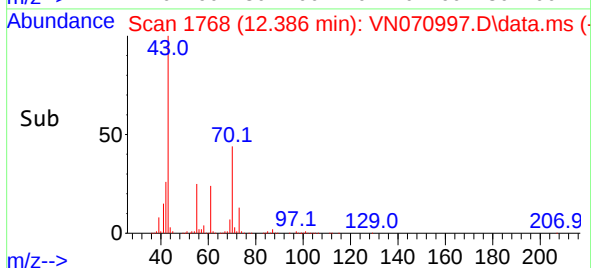
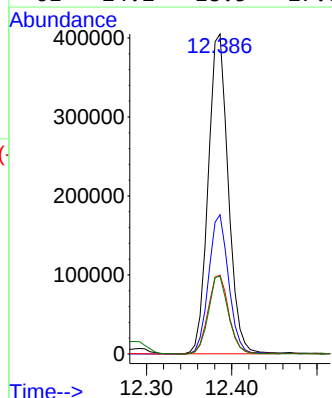
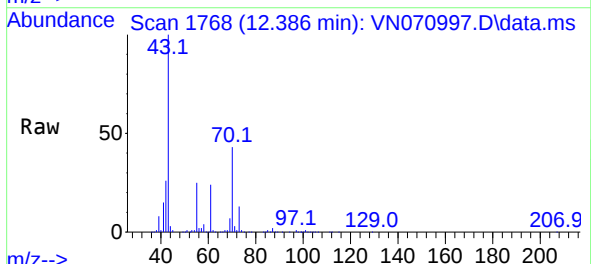
Manual Integrations
APPROVED

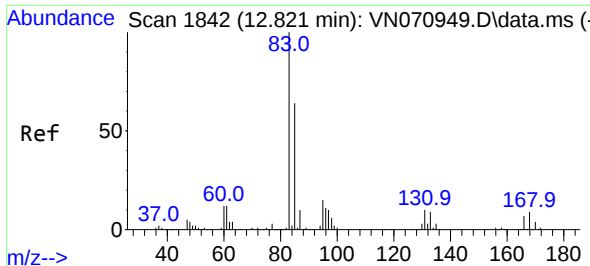
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#74
N-amy1 acetate
Concen: 63.226 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

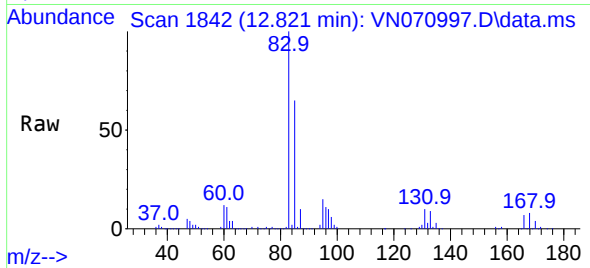
Tgt Ion: 43 Resp: 662052
Ion Ratio Lower Upper
43 100
70 43.4 33.4 50.0
55 25.4 19.3 28.9
61 24.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 58.122 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

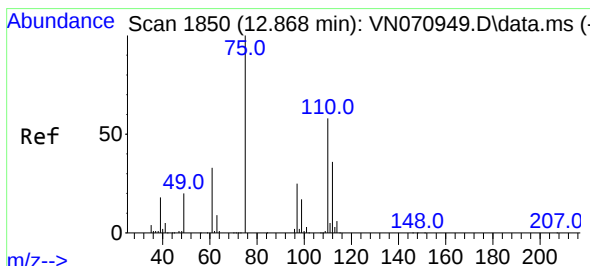
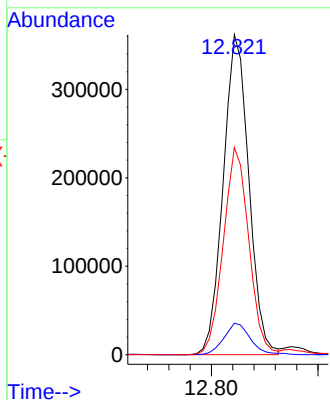
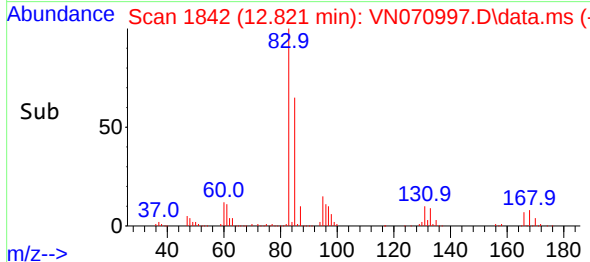
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



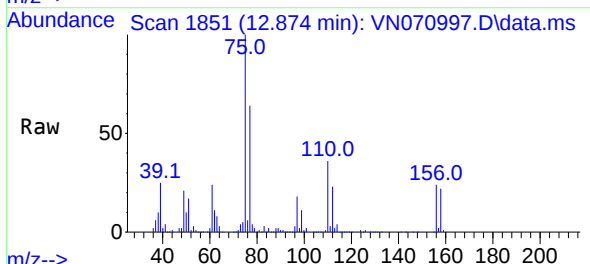
Tgt Ion: 83 Resp: 605030
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 64.4 32.4 97.2

Manual Integrations
APPROVED

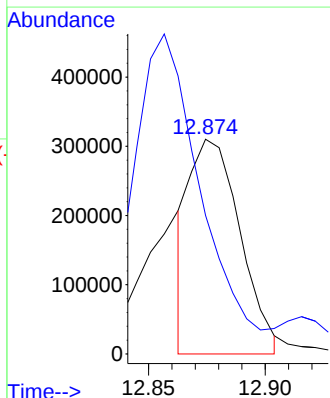
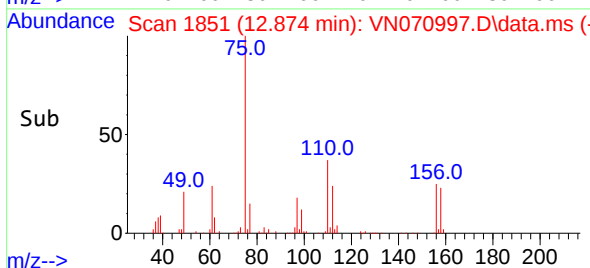
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

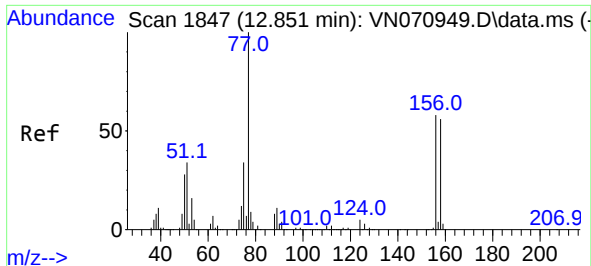


#76
1,2,3-Trichloropropane
Concen: 48.707 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



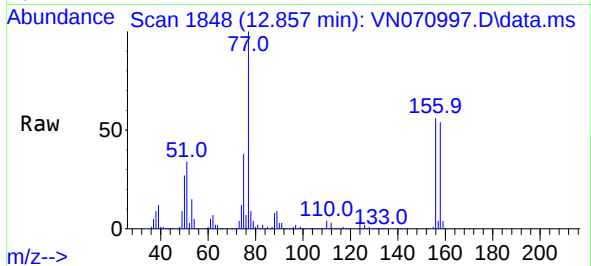
Tgt Ion: 75 Resp: 466731
Ion Ratio Lower Upper
75 100
77 199.1 82.6 247.8





#77
Bromobenzene
Concen: 55.634 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

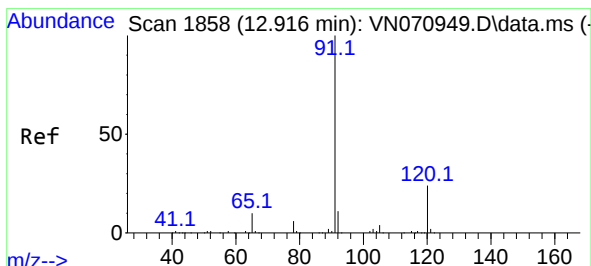
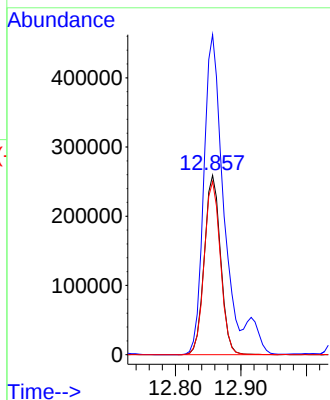
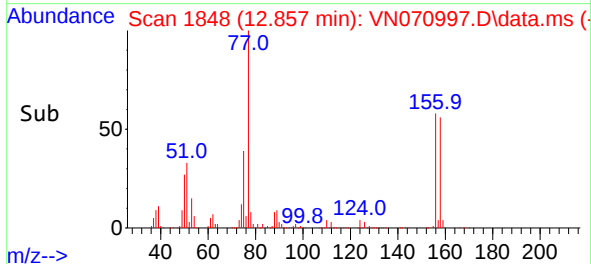
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 446139
Ion Ratio Lower Upper
156 100
77 208.3 90.6 271.8
158 96.6 48.9 146.7

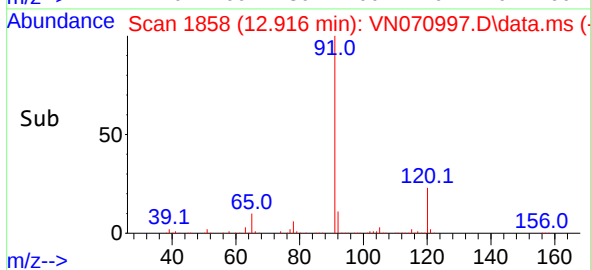
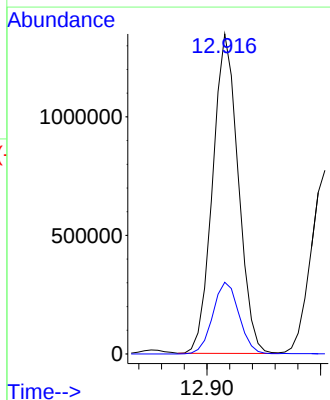
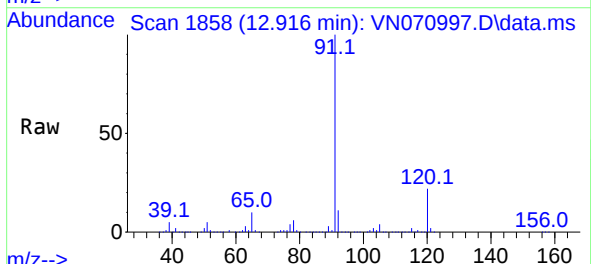
Manual Integrations
APPROVED

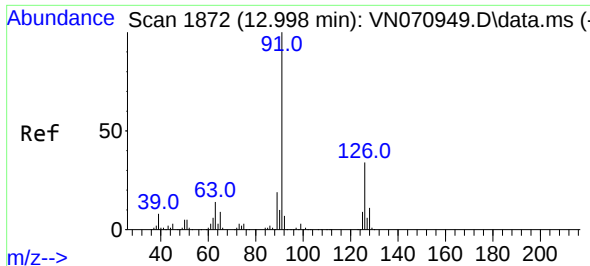
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#78
n-propylbenzene
Concen: 57.360 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Tgt Ion: 91 Resp: 2111154
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9





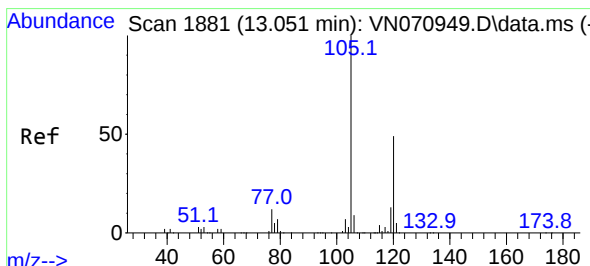
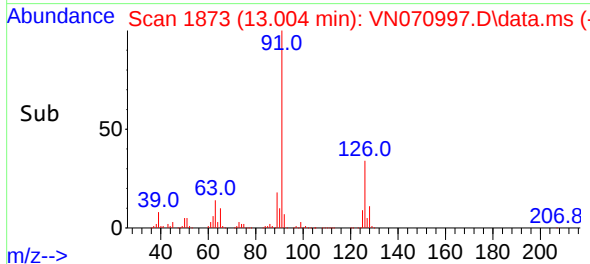
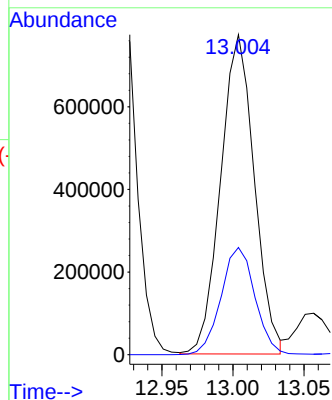
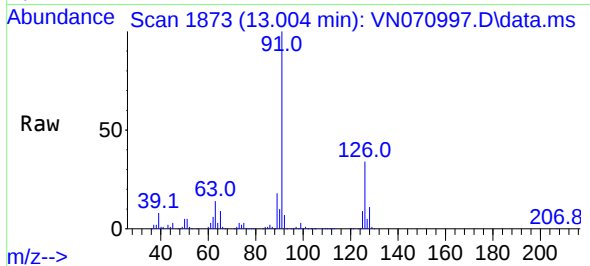
#79
2-Chlorotoluene
Concen: 56.967 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 127329
Ion Ratio Lower Upper
91 100
126 34.0 18.3 54.8

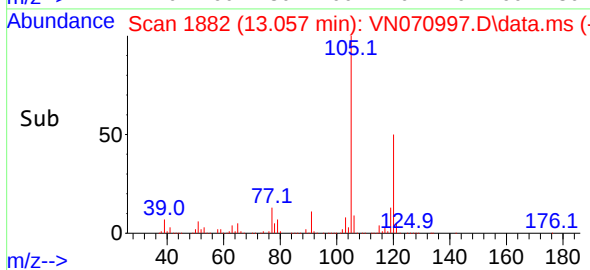
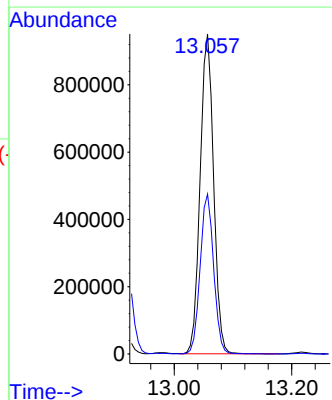
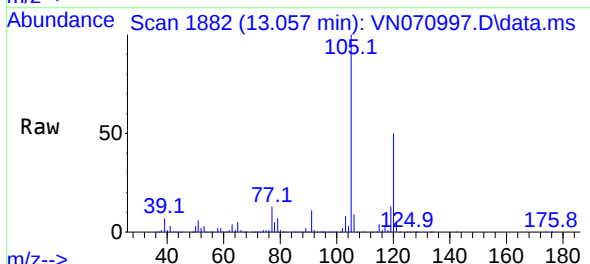
Manual Integrations
APPROVED

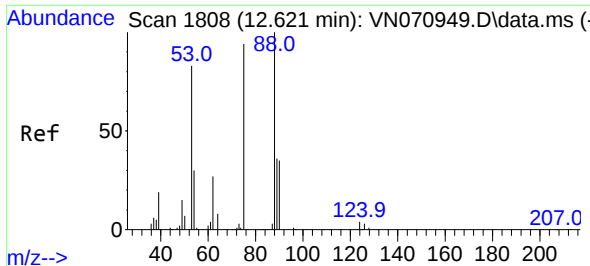
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.942 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

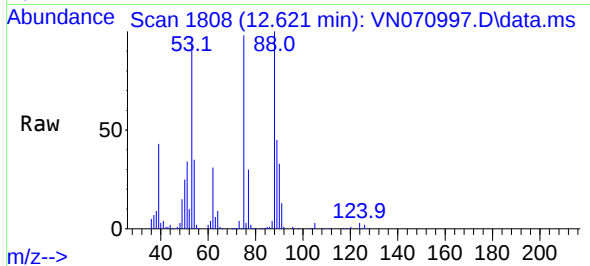
Tgt Ion:105 Resp: 1511193
Ion Ratio Lower Upper
105 100
120 50.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 60.270 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

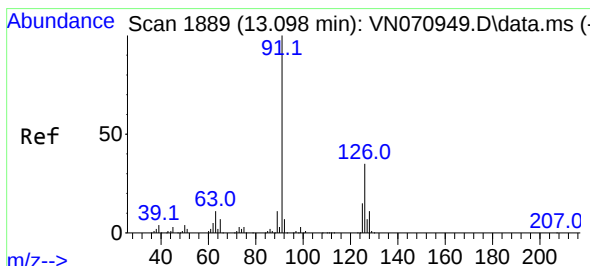
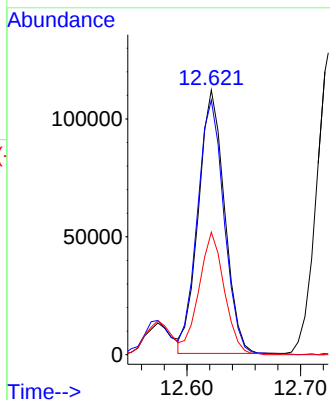
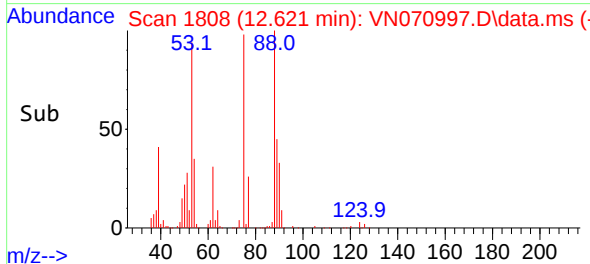
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



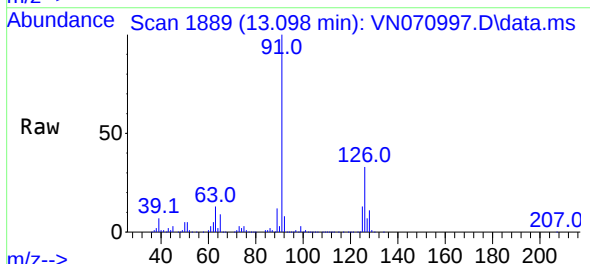
Tgt Ion: 75 Resp: 17822
Ion Ratio Lower Upper
75 100
53 99.3 90.5 135.7
89 45.4 38.2 57.4

Manual Integrations
APPROVED

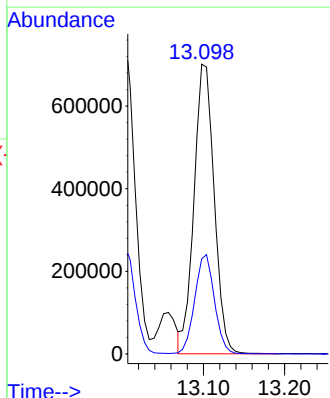
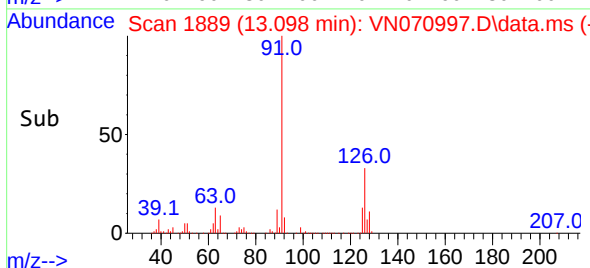
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

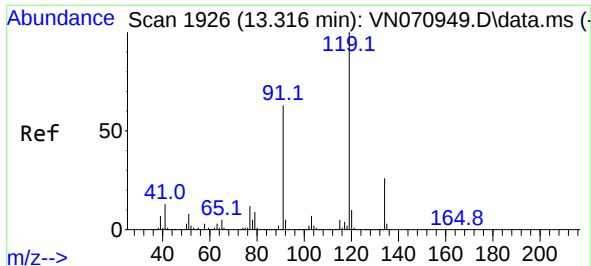


#82
4-Chlorotoluene
Concen: 55.914 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion: 91 Resp: 1213142
Ion Ratio Lower Upper
91 100
126 33.7 18.2 54.6





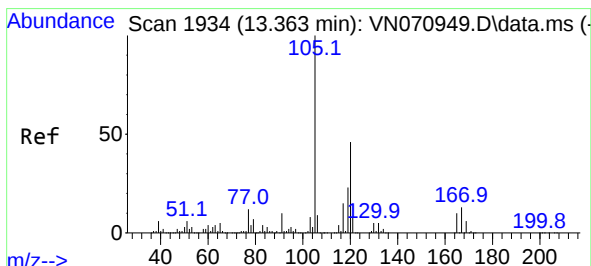
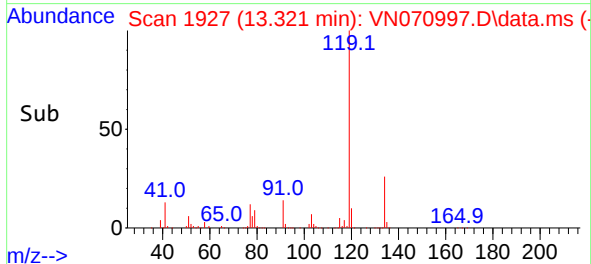
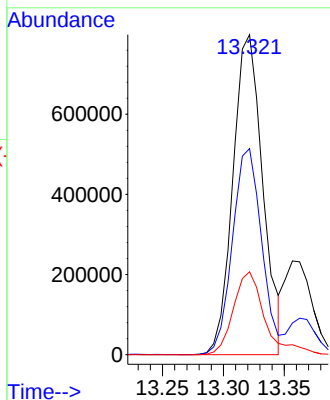
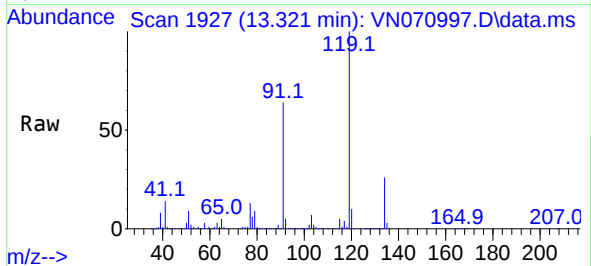
#83
tert-Butylbenzene
Concen: 54.126 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 136230
Ion Ratio Lower Upper
119 100
91 64.1 31.5 94.5
134 27.3 12.4 37.4

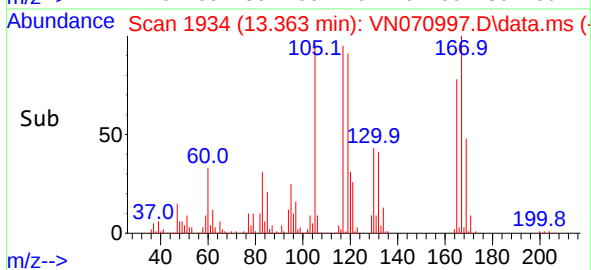
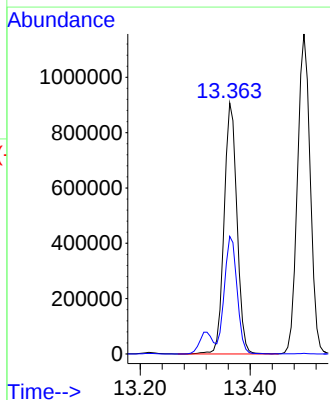
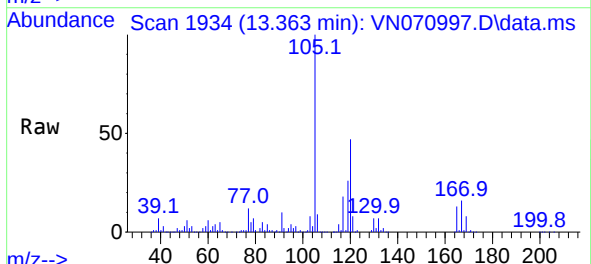
Manual Integrations
APPROVED

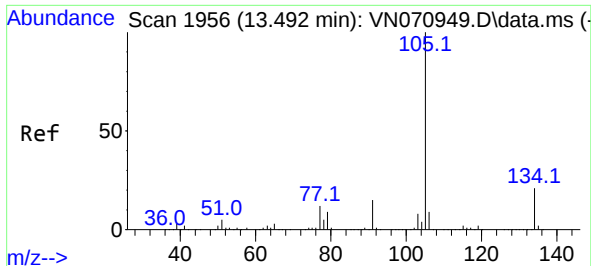
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 56.381 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Tgt Ion:105 Resp: 1472937
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 56.078 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VN070997.D
 Acq: 18 Feb 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

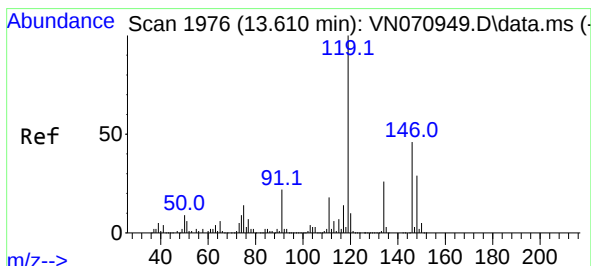
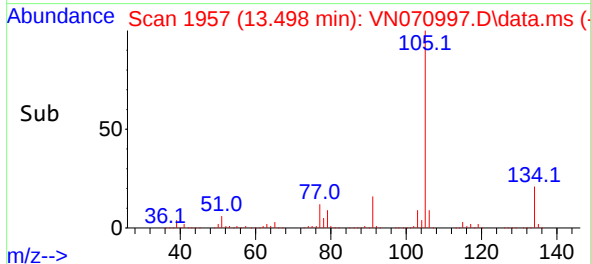
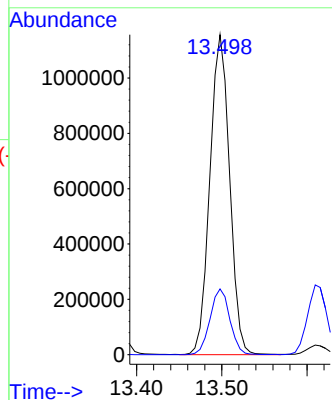
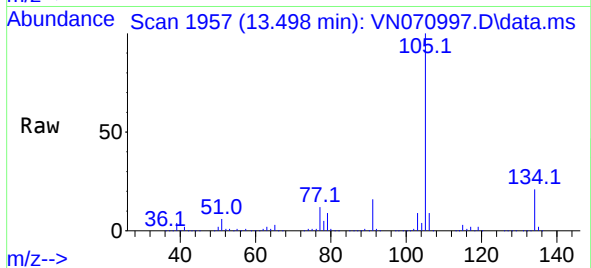
VSTDCCC050

Tgt Ion:105 Resp: 185980
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

Manual Integrations

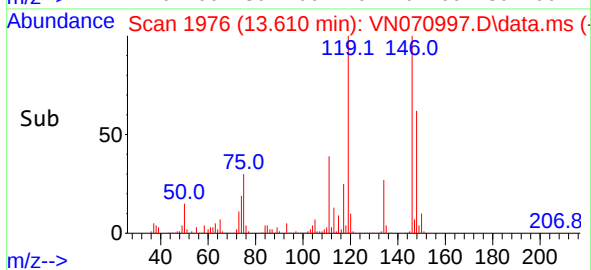
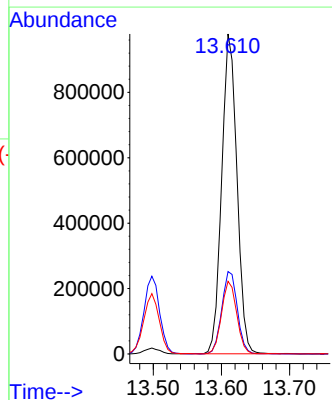
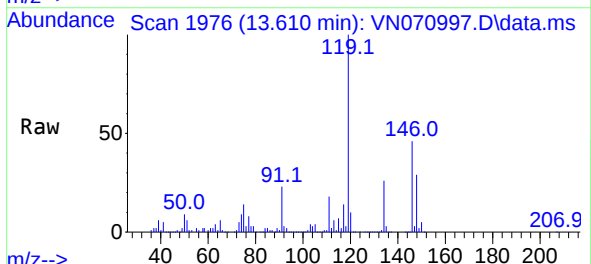
APPROVED

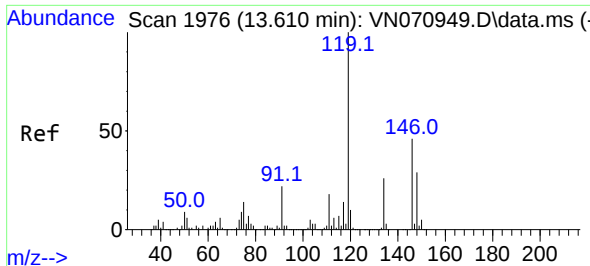
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#86
 p-Isopropyltoluene
 Concen: 55.902 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN070997.D
 Acq: 18 Feb 2022 10:57

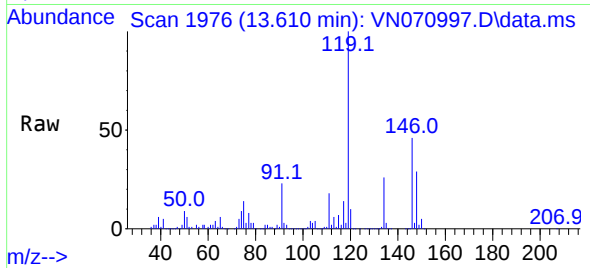
Tgt Ion:119 Resp: 1521941
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 22.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 53.284 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

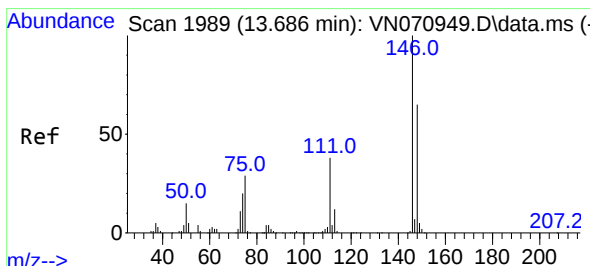
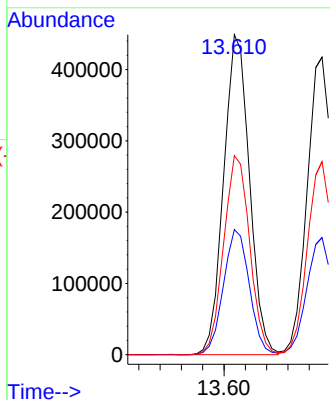
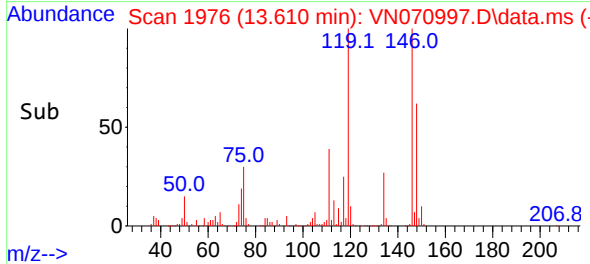
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



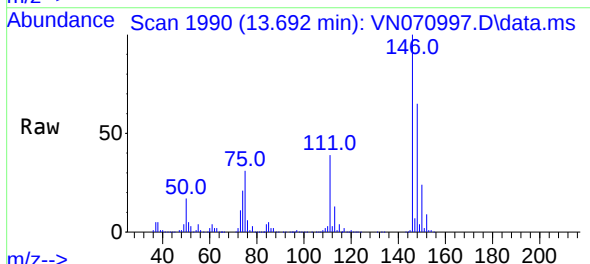
Tgt Ion:146 Resp: 75640
Ion Ratio Lower Upper
146 100
111 39.2 18.6 55.6
148 62.9 31.6 95.0

Manual Integrations
APPROVED

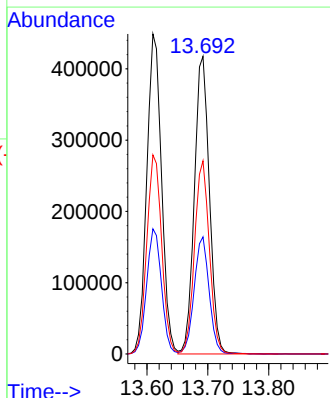
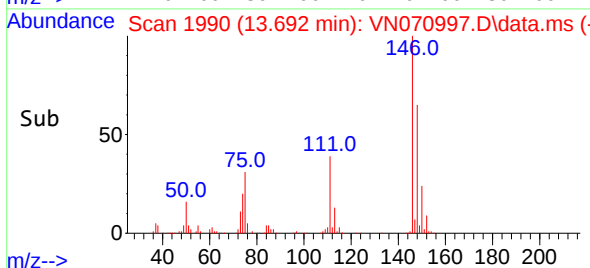
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

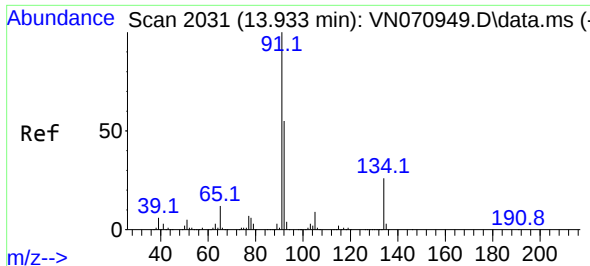


#88
1,4-Dichlorobenzene
Concen: 51.492 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion:146 Resp: 716181
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 64.2 31.8 95.4





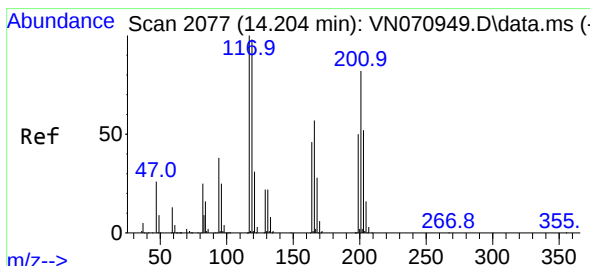
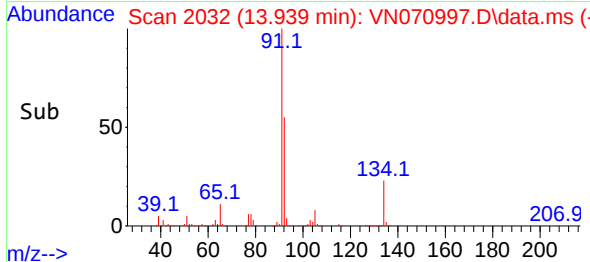
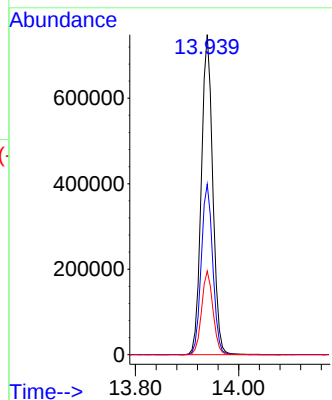
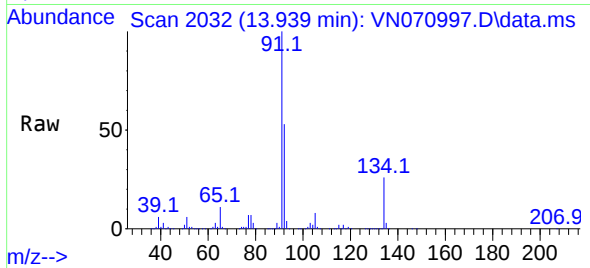
#89
n-Butylbenzene
Concen: 51.687 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1148078
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 26.0 13.6 40.8

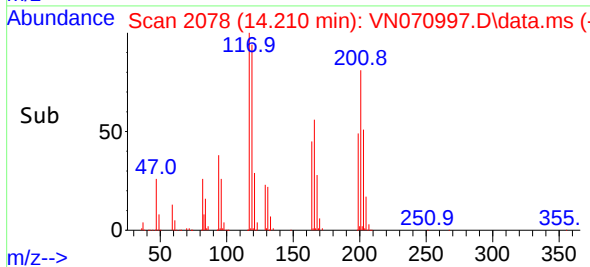
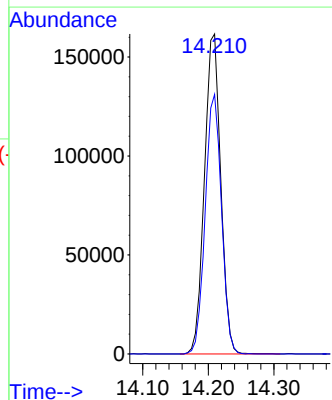
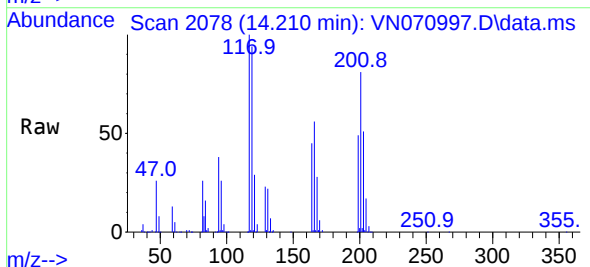
Manual Integrations
APPROVED

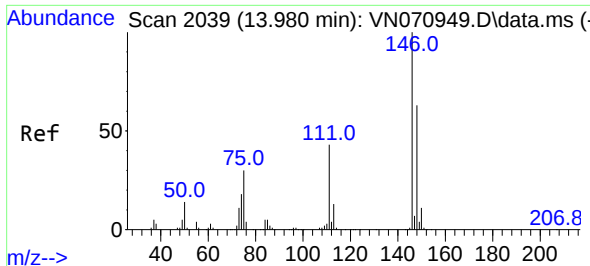
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#90
Hexachloroethane
Concen: 57.608 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Tgt Ion:117 Resp: 280096
Ion Ratio Lower Upper
117 100
201 80.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 53.303 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :

MSVOA_N

ClientSampleId :

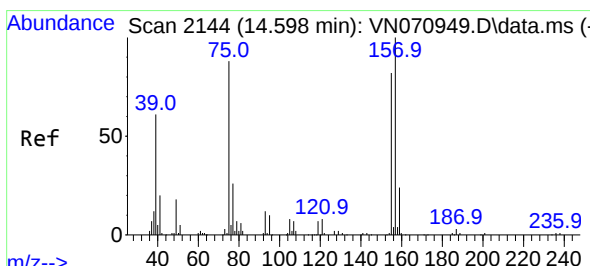
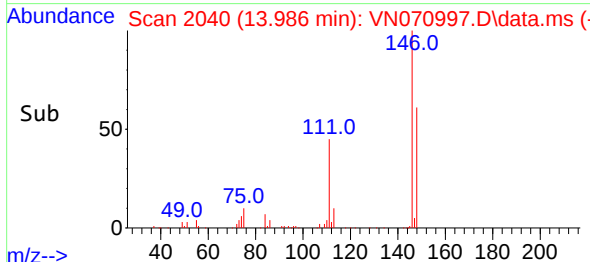
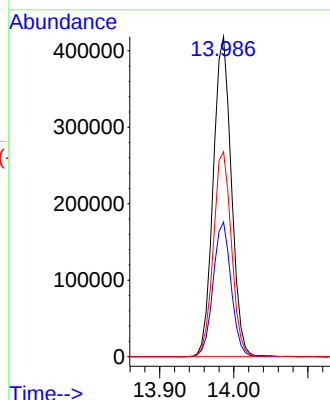
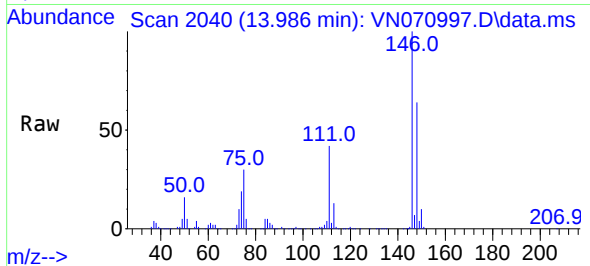
VSTDCCC050

Tgt Ion:146 Resp: 71053
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations

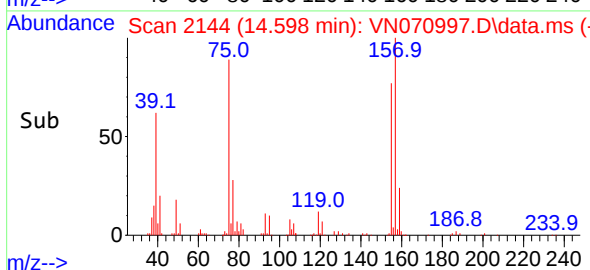
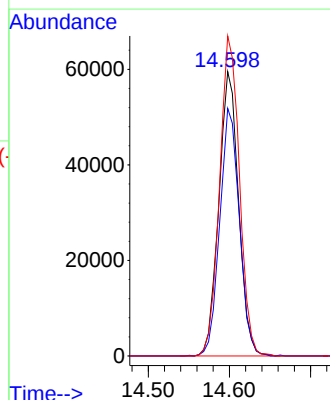
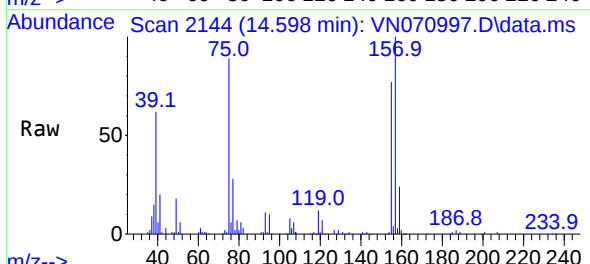
APPROVED

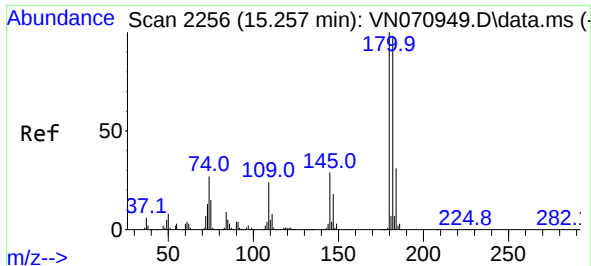
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.644 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

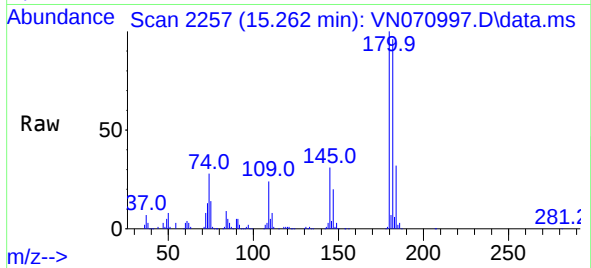
Tgt Ion: 75 Resp: 100594
Ion Ratio Lower Upper
75 100
155 86.2 46.9 140.7
157 113.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 43.823 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

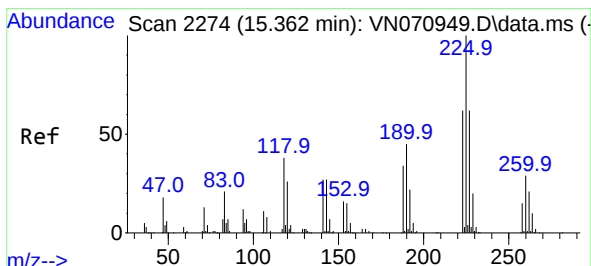
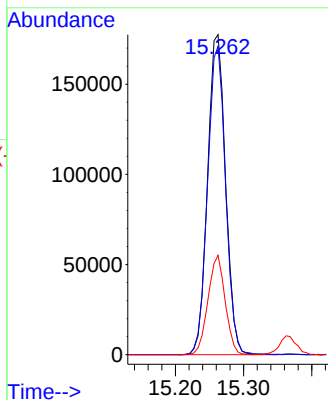
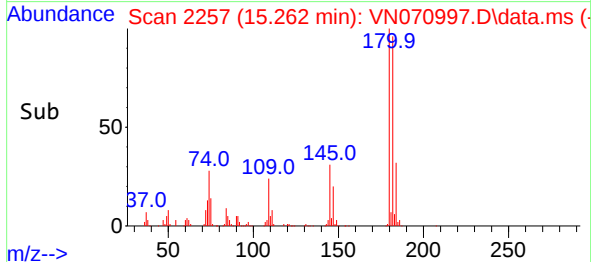
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



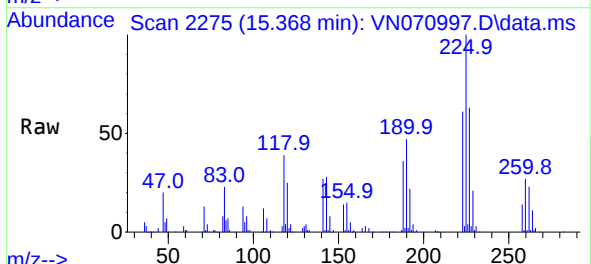
Tgt Ion:180 Resp: 326425
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.9
145 29.5 14.5 43.5

Manual Integrations
APPROVED

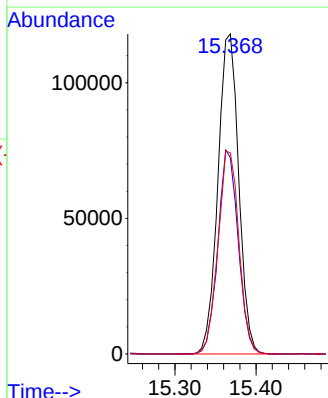
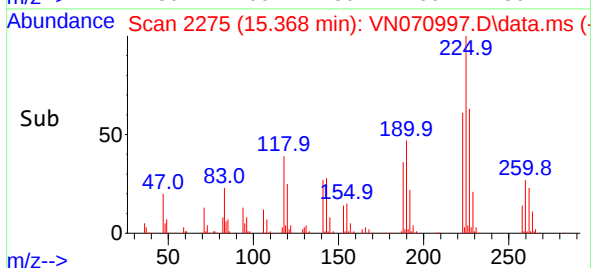
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

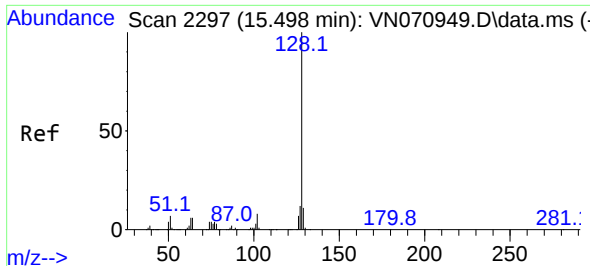


#94
Hexachlorobutadiene
Concen: 43.168 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57



Tgt Ion:225 Resp: 209845
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.7
227 64.0 32.1 96.3





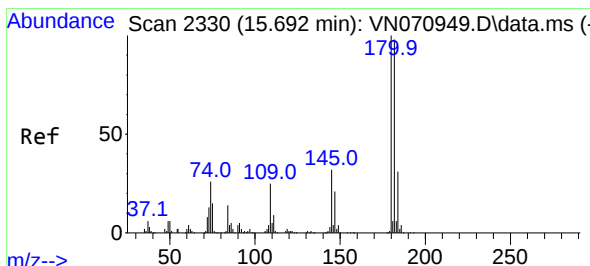
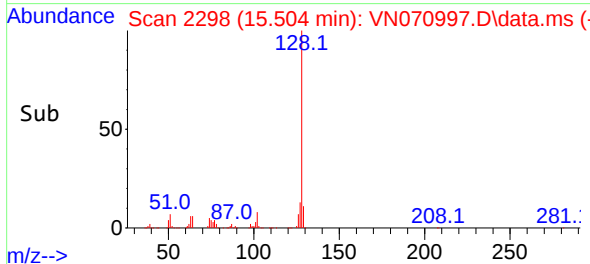
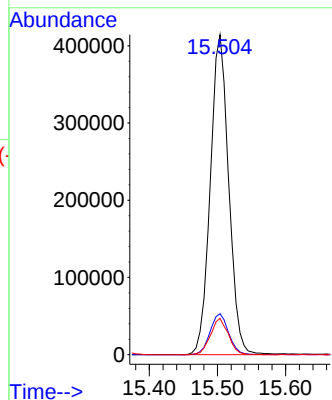
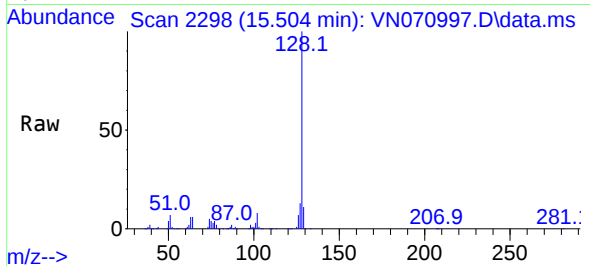
#95
Naphthalene
Concen: 43.581 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 780004
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.917 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN070997.D
Acq: 18 Feb 2022 10:57

Tgt Ion:180 Resp: 315675
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 30.6 15.0 45.1

