

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071160.D
 Acq On : 04 Mar 2022 10:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 22:14:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	582967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	921848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	837257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	350004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.427	65	378537	56.843	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.680%			
35) Dibromofluoromethane	8.016	113	301610	55.007	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.020%			
50) Toluene-d8	10.433	98	1183414	53.743	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.480%			
62) 4-Bromofluorobenzene	12.727	95	407958	51.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	277199	45.781	ug/l	99
3) Chloromethane	2.298	50	368095	48.366	ug/l	99
4) Vinyl Chloride	2.446	62	356165	46.749	ug/l	99
5) Bromomethane	2.851	94	200350	46.293	ug/l	94
6) Chloroethane	3.016	64	238197	47.657	ug/l	97
7) Trichlorofluoromethane	3.381	101	492563	51.590	ug/l	97
8) Diethyl Ether	3.822	74	210003	50.597	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	292776	49.980	ug/l	96
10) Methyl Iodide	4.422	142	388946	47.942	ug/l	99
11) Tert butyl alcohol	5.351	59	264706	218.112	ug/l	98
12) 1,1-Dichloroethene	4.192	96	276202	48.395	ug/l	97
13) Acrolein	4.034	56	253637	233.882	ug/l	99
14) Allyl chloride	4.839	41	586355	53.870	ug/l	87
15) Acrylonitrile	5.545	53	984637	275.440	ug/l	98
16) Acetone	4.275	43	945518	257.814	ug/l	96
17) Carbon Disulfide	4.534	76	648715	39.636	ug/l	100
18) Methyl Acetate	4.845	43	457857	57.102	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1117953	55.841	ug/l	97
20) Methylene Chloride	5.092	84	347095	52.076	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	297942	48.638	ug/l	93
22) Diisopropyl ether	6.486	45	1282115	61.415	ug/l	93
23) Vinyl Acetate	6.428	43	5252403	297.219	ug/l	99
24) 1,1-Dichloroethane	6.386	63	648686	55.431	ug/l	99
25) 2-Butanone	7.328	43	1330130	272.637	ug/l	98
26) 2,2-Dichloropropane	7.322	77	524478	53.925	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	373485	53.048	ug/l	90
28) Bromochloromethane	7.657	49	296472	62.592	ug/l	84
29) Tetrahydrofuran	7.675	42	868699	274.857	ug/l	91
30) Chloroform	7.810	83	627131	54.486	ug/l	99
31) Cyclohexane	8.092	56	591273	51.339	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	538646	54.191	ug/l	99
36) 1,1-Dichloropropene	8.216	75	459739	51.177	ug/l	97
37) Ethyl Acetate	7.404	43	550072	57.096	ug/l	96
38) Carbon Tetrachloride	8.204	117	455850	51.502	ug/l	98
39) Methylcyclohexane	9.451	83	560623	48.500	ug/l	92
40) Benzene	8.451	78	1419366	53.415	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	284570	56.082	ug/l #	86
42) 1,2-Dichloroethane	8.522	62	496957	54.912	ug/l	98
43) Isopropyl Acetate	8.551	43	867435	57.122	ug/l	97
44) Trichloroethene	9.210	130	340373	48.644	ug/l	99
45) 1,2-Dichloropropane	9.480	63	388626	57.095	ug/l	97
46) Dibromomethane	9.569	93	230659	51.493	ug/l	98
47) Bromodichloromethane	9.757	83	499462	55.171	ug/l	100
48) Methyl methacrylate	9.551	41	420001	58.432	ug/l #	80
49) 1,4-Dioxane	9.563	88	113554	889.464	ug/l	91
51) 4-Methyl-2-Pentanone	10.321	43	2636736	285.381	ug/l	100
52) Toluene	10.498	92	897050	53.724	ug/l	95
53) t-1,3-Dichloropropene	10.710	75	536670	54.517	ug/l	96
54) cis-1,3-Dichloropropene	10.180	75	596407	55.168	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	352320	53.906	ug/l	97
56) Ethyl methacrylate	10.757	69	554436	56.302	ug/l	89
57) 1,3-Dichloropropane	11.039	76	617126	54.588	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	408209	194.453	ug/l	93
59) 2-Hexanone	11.080	43	1756889	276.484	ug/l	99
60) Dibromochloromethane	11.233	129	371555	53.792	ug/l	99
61) 1,2-Dibromoethane	11.339	107	341804	51.415	ug/l	100
64) Tetrachloroethene	10.969	164	297832	45.676	ug/l	98
65) Chlorobenzene	11.763	112	928651	51.473	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	352805	53.646	ug/l	99
67) Ethyl Benzene	11.839	91	1708820	54.116	ug/l	97
68) m/p-Xylenes	11.945	106	1292857	105.996	ug/l	98
69) o-Xylene	12.274	106	640302	53.740	ug/l	98
70) Styrene	12.286	104	1031322	54.436	ug/l	97
71) Bromoform	12.451	173	267465	51.066	ug/l #	99
73) Isopropylbenzene	12.574	105	1676685	59.515	ug/l	99
74) N-amyl acetate	12.380	43	533115	59.200	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	507122	56.646	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	413877m	50.222	ug/l	
77) Bromobenzene	12.851	156	386394	56.026	ug/l	86
78) n-propylbenzene	12.915	91	1869265	59.055	ug/l	98
79) 2-Chlorotoluene	12.998	91	1150278	59.841	ug/l	94
80) 1,3,5-Trimethylbenzene	13.051	105	1355636	59.396	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.615	75	135596	53.319	ug/l	95
82) 4-Chlorotoluene	13.098	91	1075153	57.620	ug/l	95
83) tert-Butylbenzene	13.315	119	1189671	54.961	ug/l	96
84) 1,2,4-Trimethylbenzene	13.362	105	1311904	58.391	ug/l	100
85) sec-Butylbenzene	13.492	105	1660433	58.216	ug/l	99
86) p-Isopropyltoluene	13.610	119	1347792	57.563	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	656998	53.815	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	621694	51.975	ug/l	98
89) n-Butylbenzene	13.933	91	1017140	53.246	ug/l	96
90) Hexachloroethane	14.204	117	251902	60.243	ug/l	89
91) 1,2-Dichlorobenzene	13.980	146	616451	53.772	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74581	51.418	ug/l	87
93) 1,2,4-Trichlorobenzene	15.256	180	250672	39.345	ug/l	98
94) Hexachlorobutadiene	15.362	225	185444	44.359	ug/l	99
95) Naphthalene	15.498	128	496192	33.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	225184	38.516	ug/l	99

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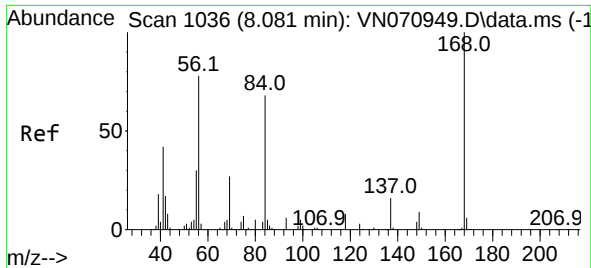
Manual Integrations
APPROVED

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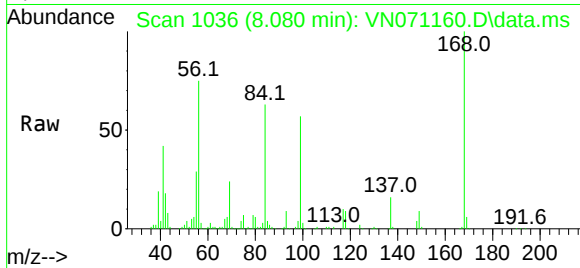
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
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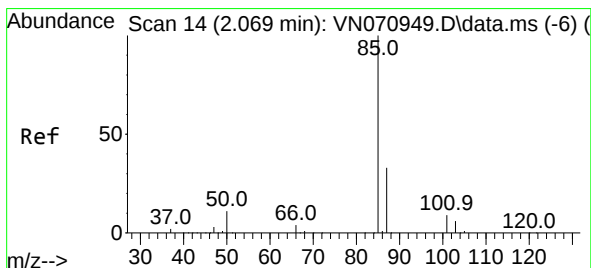
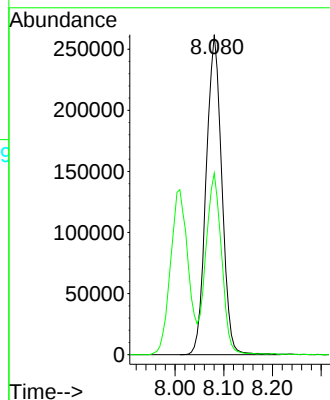
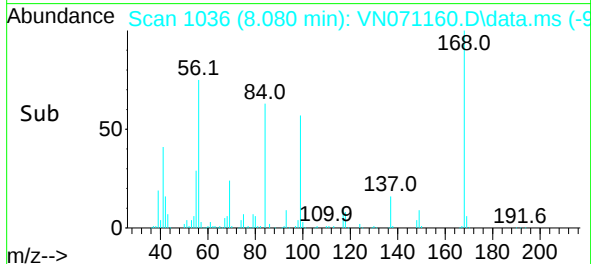
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 58296
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9

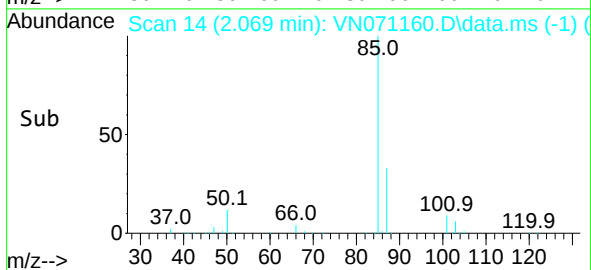
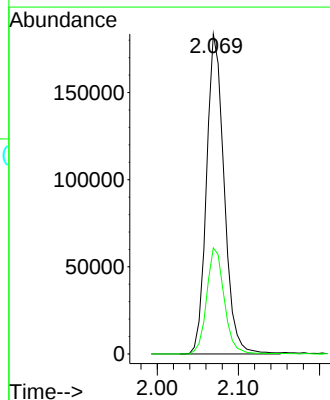
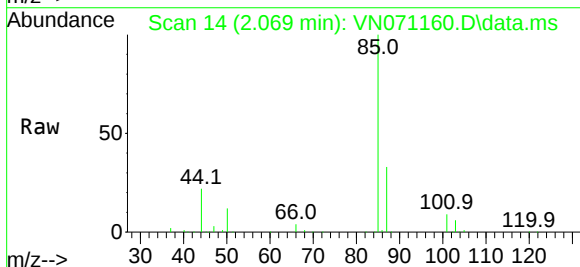
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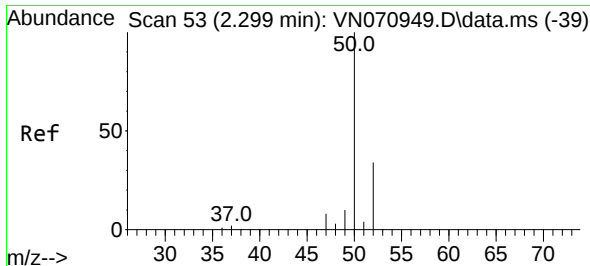
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#2
Dichlorodifluoromethane
Concen: 45.781 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

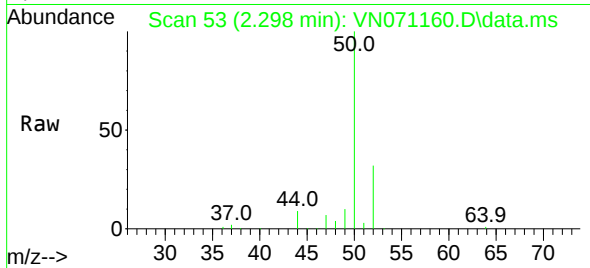
Tgt Ion: 85 Resp: 277199
Ion Ratio Lower Upper
85 100
87 33.2 16.3 48.9





#3
Chloromethane
Concen: 48.366 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

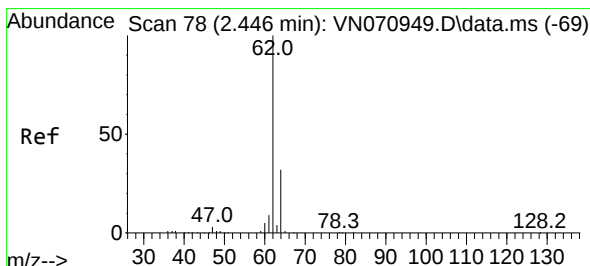
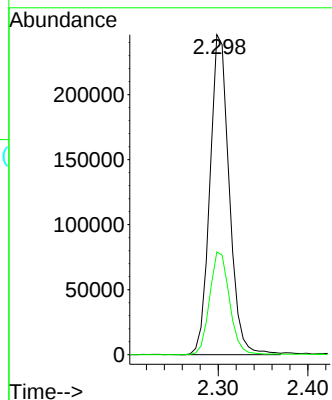
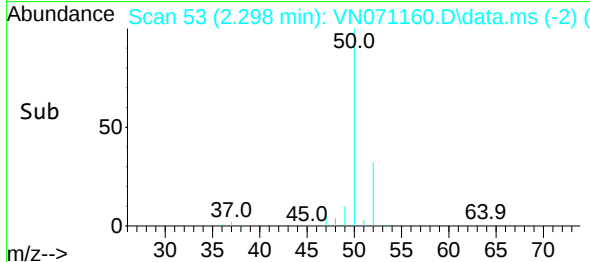
Instrument :
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Tgt Ion: 50 Resp: 368095
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.0

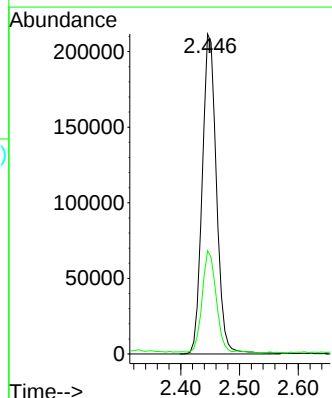
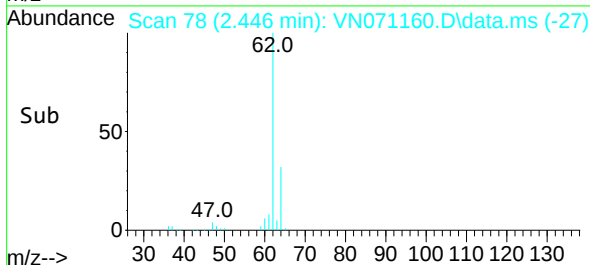
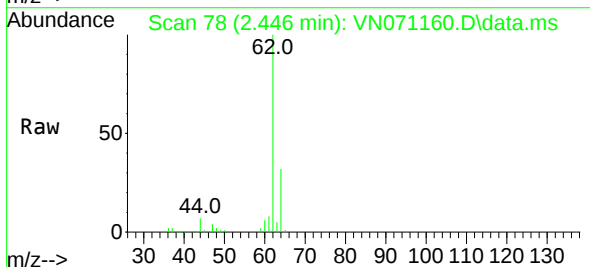
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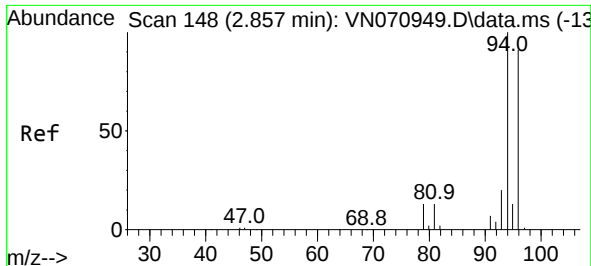
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#4
Vinyl Chloride
Concen: 46.749 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071160.D
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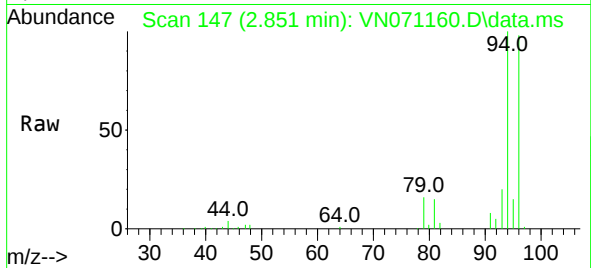
Tgt Ion: 62 Resp: 356165
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 46.293 ug/l
RT: 2.851 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

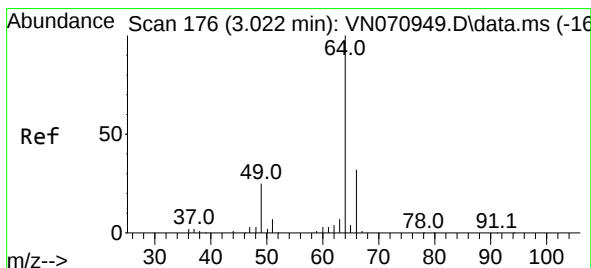
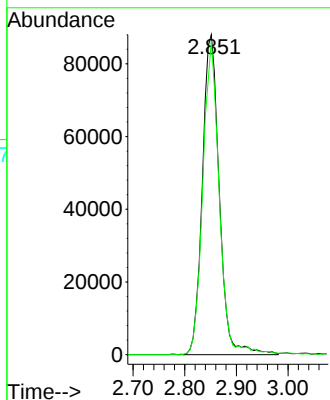
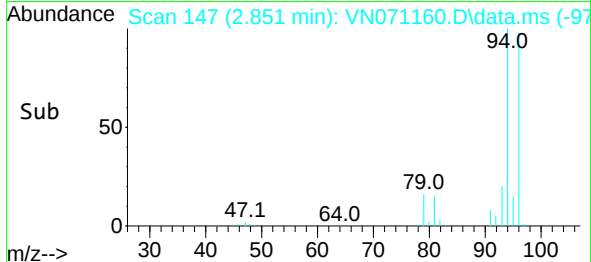
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Tgt Ion: 94 Resp: 200350
Ion Ratio Lower Upper
94 100
96 97.9 73.8 110.8

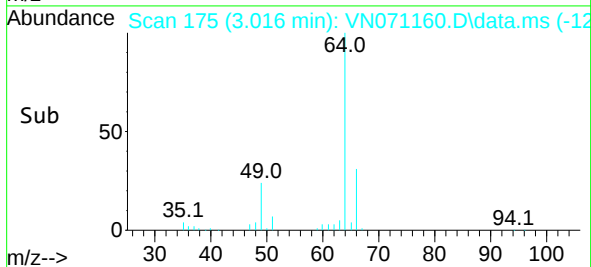
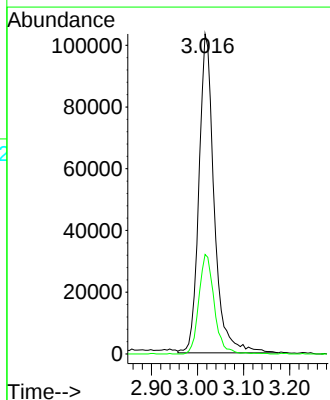
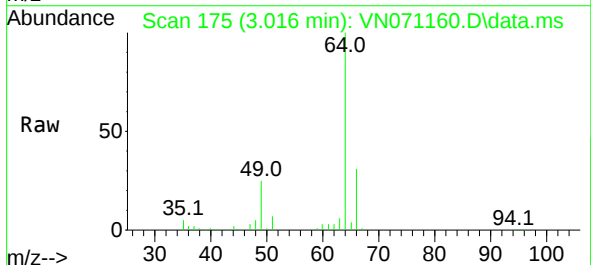
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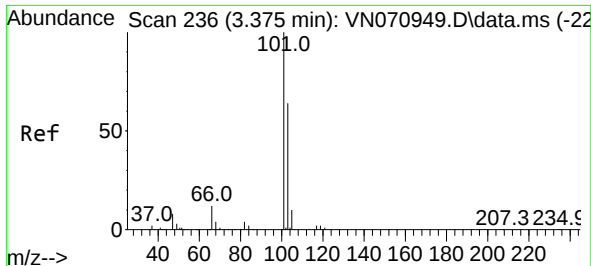
Reviewed By :John Carlone 03/07/2022
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#6
Chloroethane
Concen: 47.657 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.006 min
Lab File: VN071160.D
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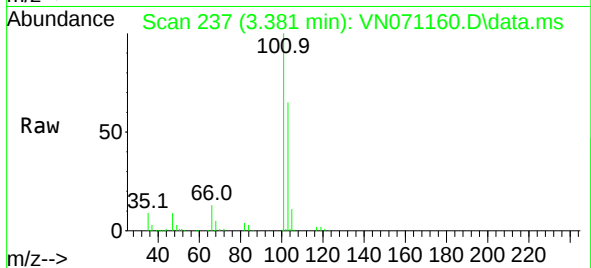
Tgt Ion: 64 Resp: 238197
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.590 ug/l
RT: 3.381 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

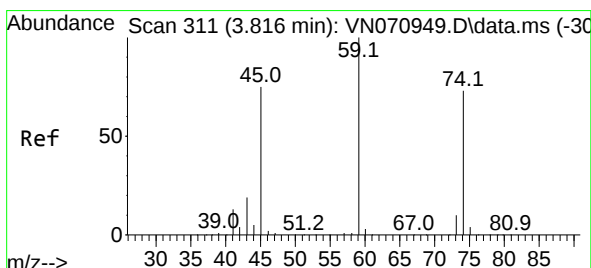
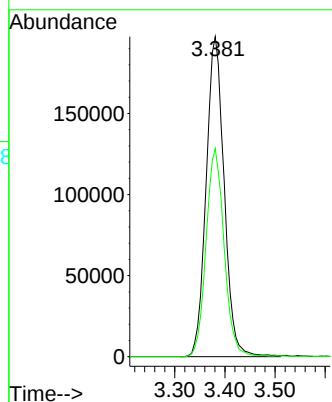
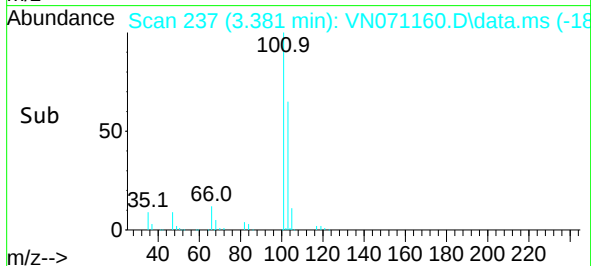
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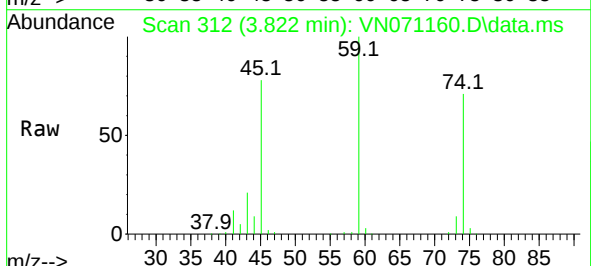
Tgt Ion:101 Resp: 49256
Ion Ratio Lower Upper
101 100
103 65.0 50.1 75.1

Manual Integrations
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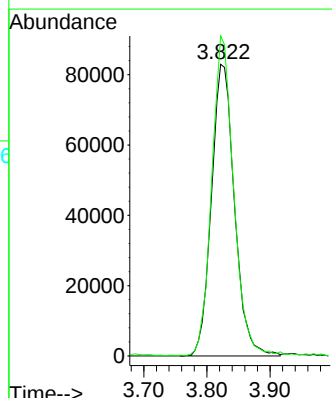
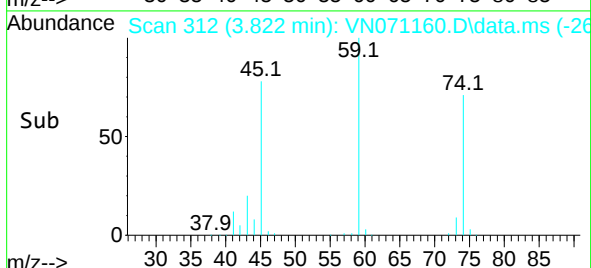
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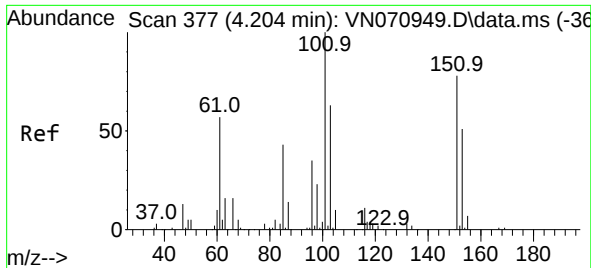


#8
Diethyl Ether
Concen: 50.597 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 210003
Ion Ratio Lower Upper
74 100
45 103.8 47.0 141.2





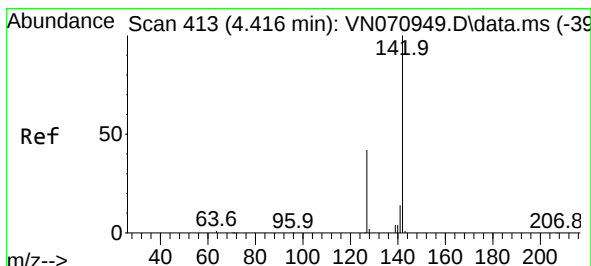
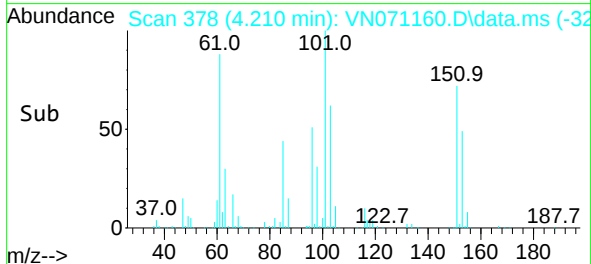
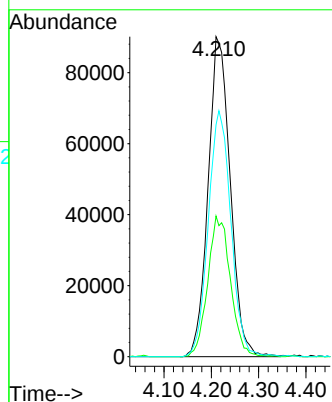
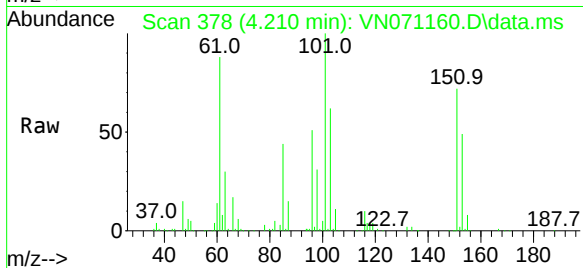
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.980 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 292770
Ion Ratio Lower Upper
101 100
85 44.9 37.2 55.8
151 78.5 65.9 98.9

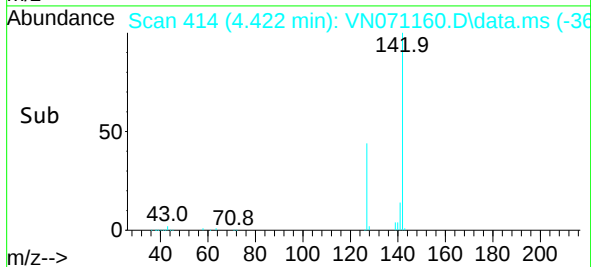
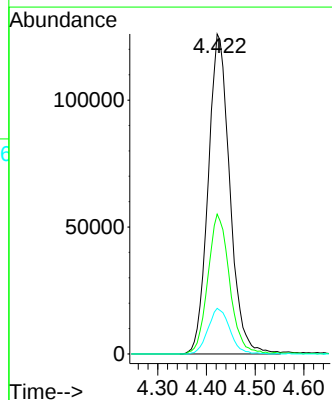
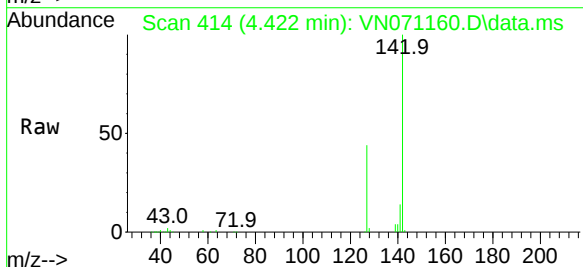
Manual Integrations
APPROVED

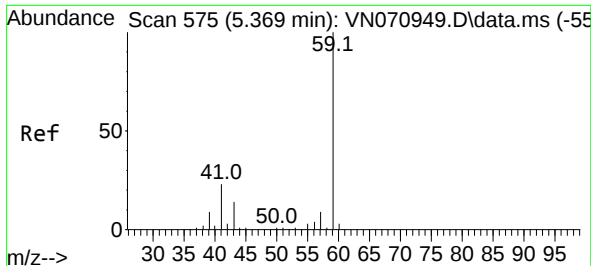
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#10
Methyl Iodide
Concen: 47.942 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

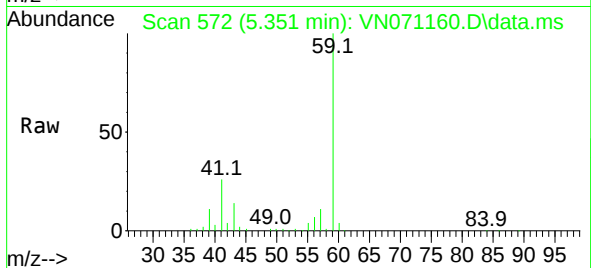
Tgt Ion:142 Resp: 388946
Ion Ratio Lower Upper
142 100
127 43.8 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 218.112 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

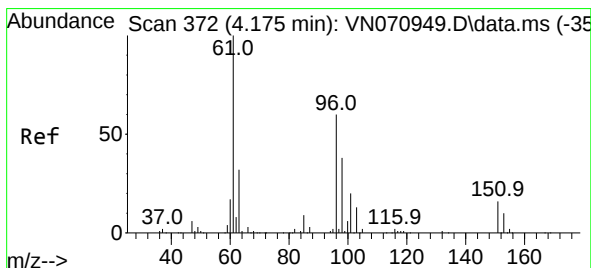
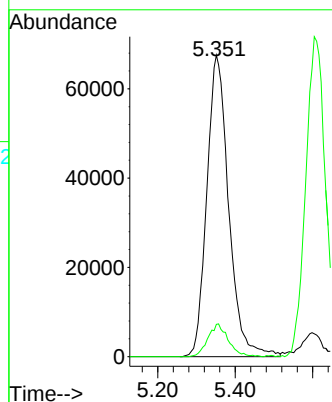
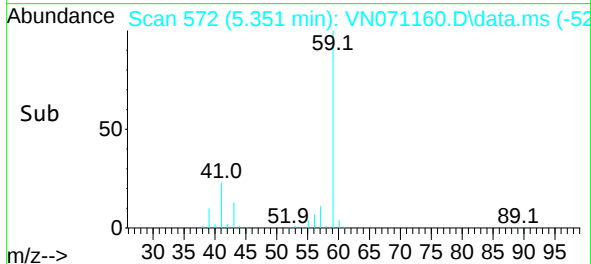
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 264700
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

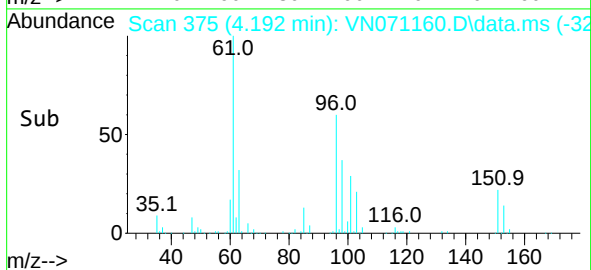
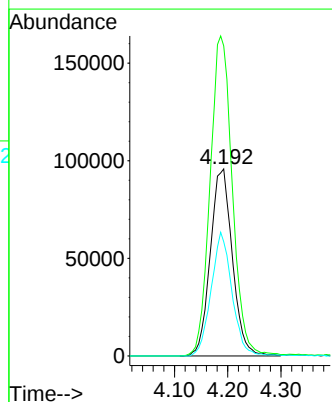
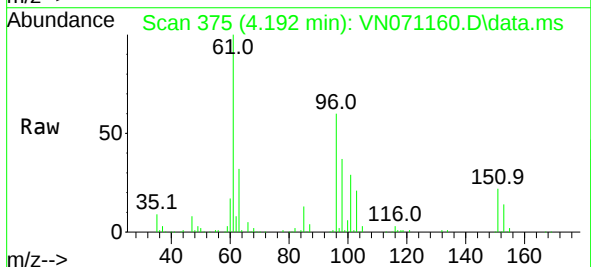
Manual Integrations
APPROVED

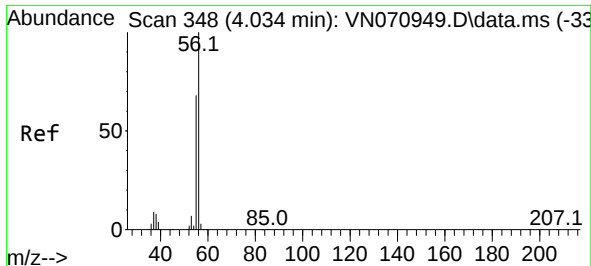
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#12
1,1-Dichloroethene
Concen: 48.395 ug/l
RT: 4.192 min Scan# 375
Delta R.T. 0.018 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

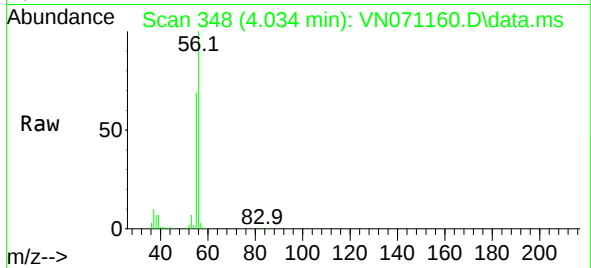
Tgt Ion: 96 Resp: 276202
Ion Ratio Lower Upper
96 100
61 165.7 131.0 196.6
98 61.0 52.4 78.6





#13
Acrolein
Concen: 233.882 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

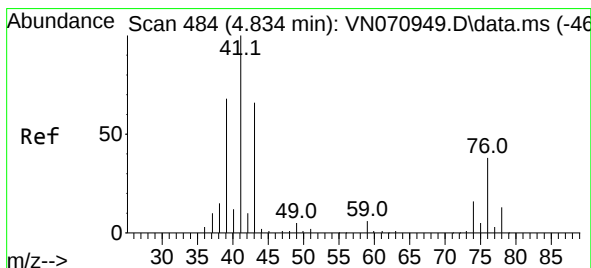
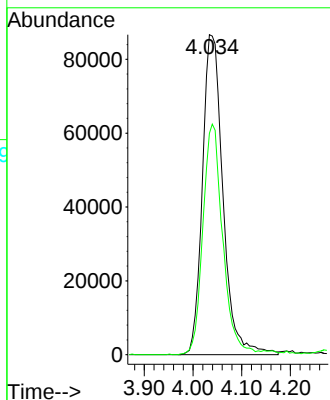
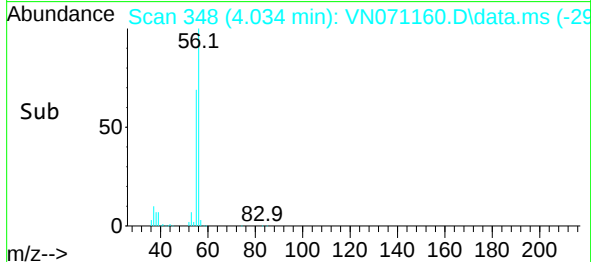
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



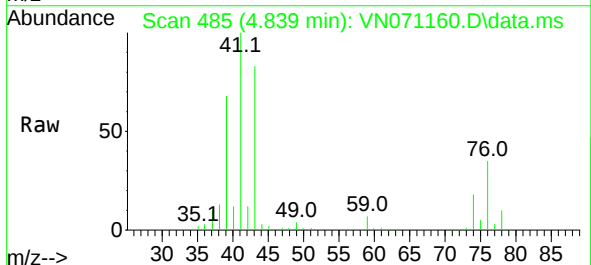
Tgt Ion: 56 Resp: 25363
Ion Ratio Lower Upper
56 100
55 69.6 56.6 85.0

Manual Integrations
APPROVED

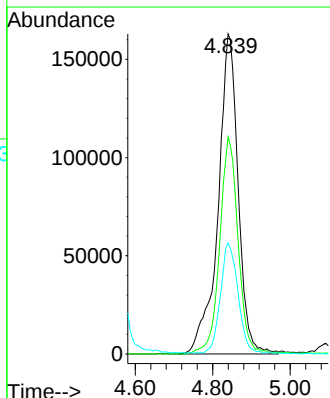
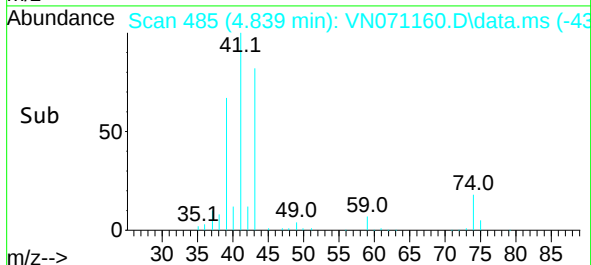
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

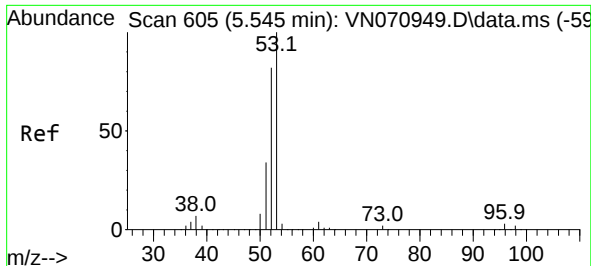


#14
Allyl chloride
Concen: 53.870 ug/l
RT: 4.839 min Scan# 485
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



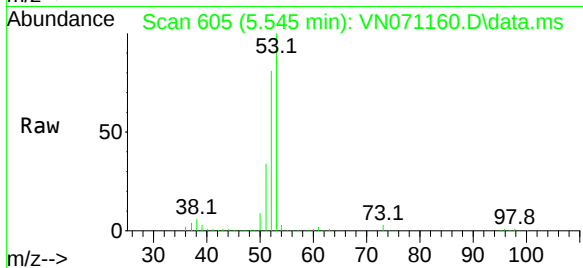
Tgt Ion: 41 Resp: 586355
Ion Ratio Lower Upper
41 100
39 61.8 61.2 91.8
76 29.8 26.0 39.0





#15
Acrylonitrile
Concen: 275.440 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

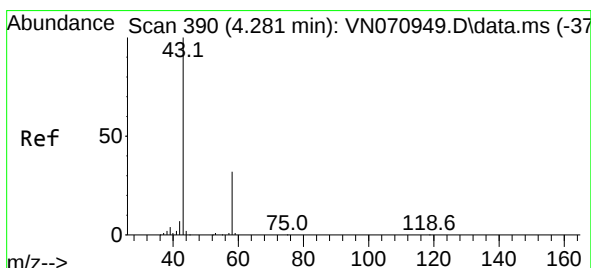
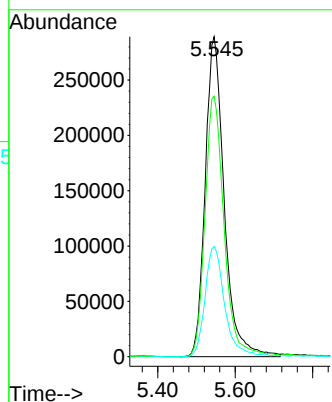
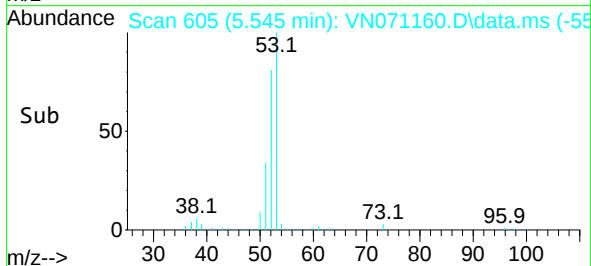
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



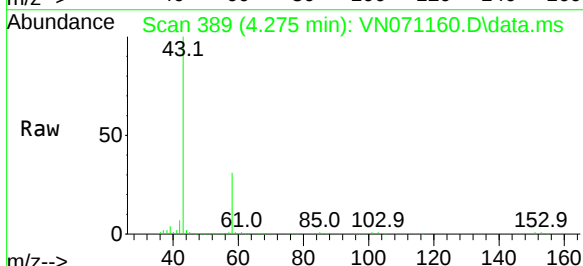
Tgt Ion: 53 Resp: 98463
Ion Ratio Lower Upper
53 100
52 81.5 66.2 99.2
51 35.9 29.6 44.4

Manual Integrations
APPROVED

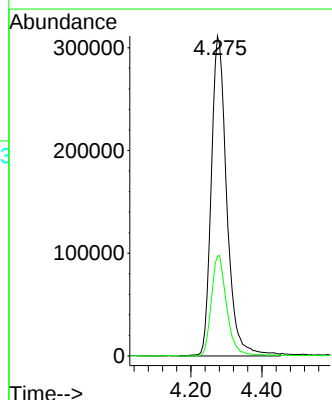
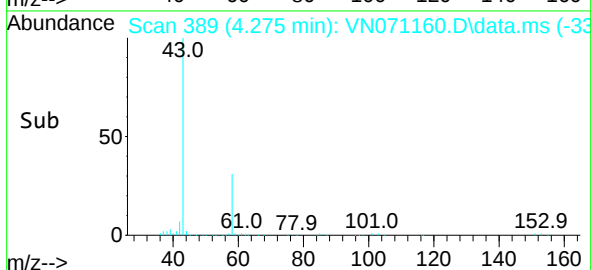
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

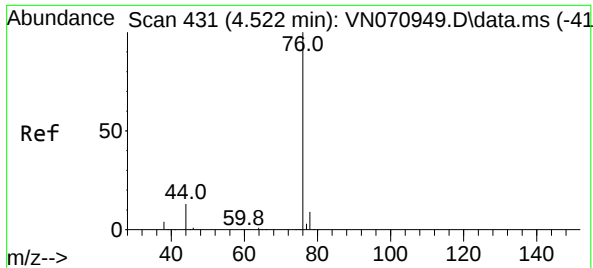


#16
Acetone
Concen: 257.814 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



Tgt Ion: 43 Resp: 945518
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7





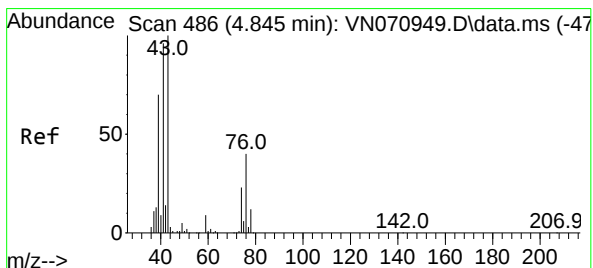
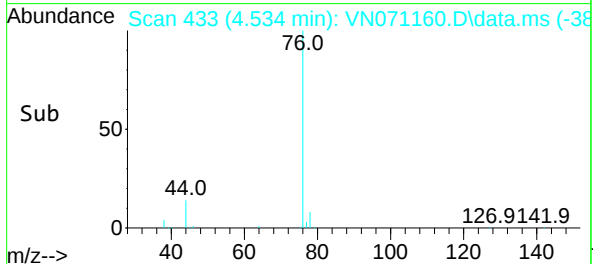
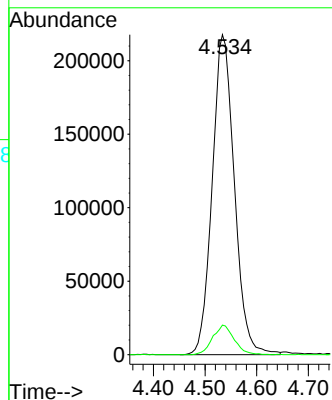
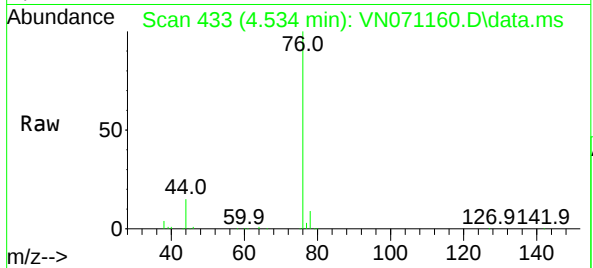
#17
Carbon Disulfide
Concen: 39.636 ug/l
RT: 4.534 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 648715
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

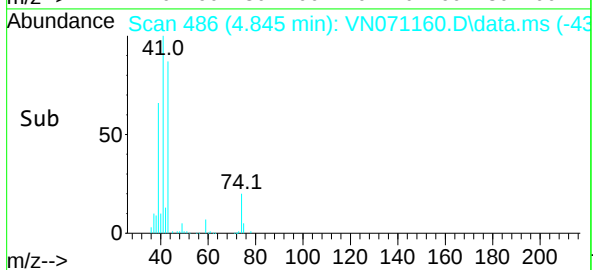
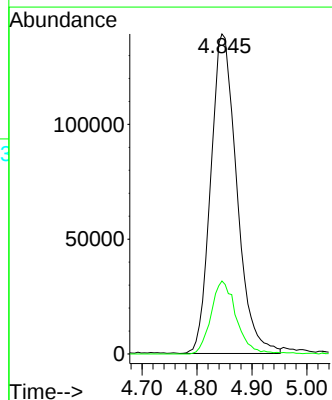
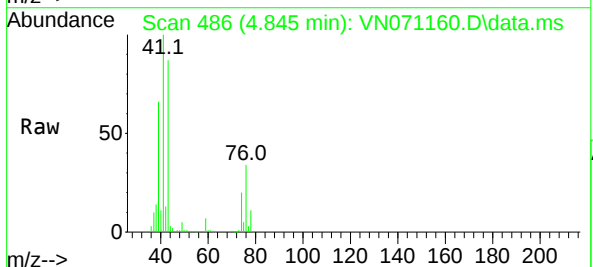
Manual Integrations
APPROVED

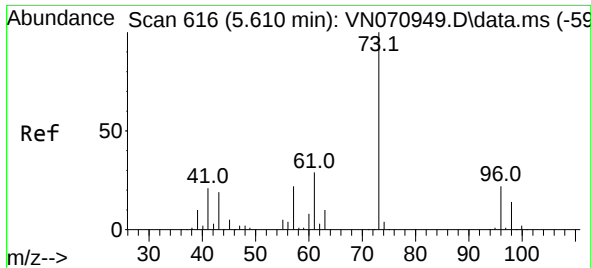
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#18
Methyl Acetate
Concen: 57.102 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

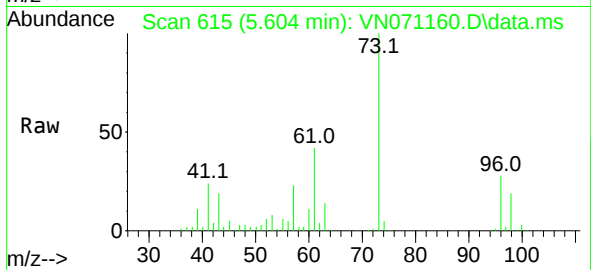
Tgt Ion: 43 Resp: 457857
Ion Ratio Lower Upper
43 100
74 22.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 55.841 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

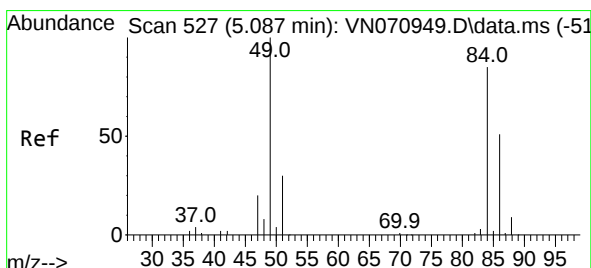
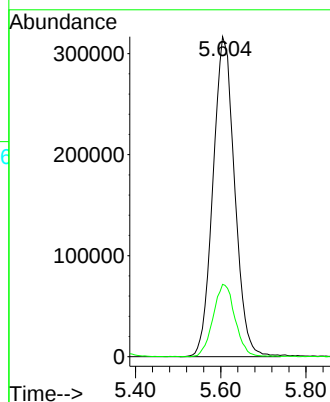
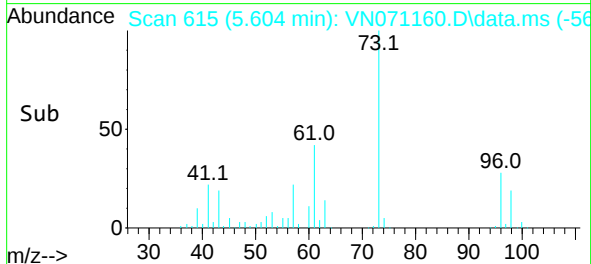
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 111795
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

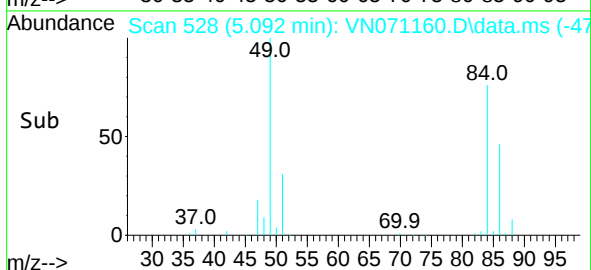
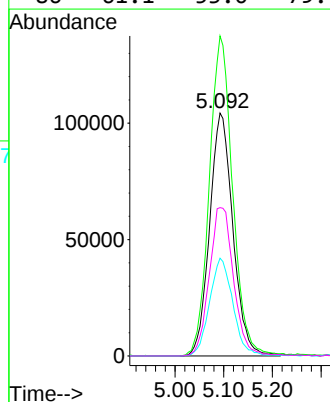
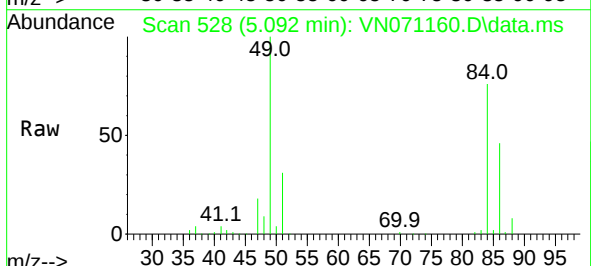
Manual Integrations
APPROVED

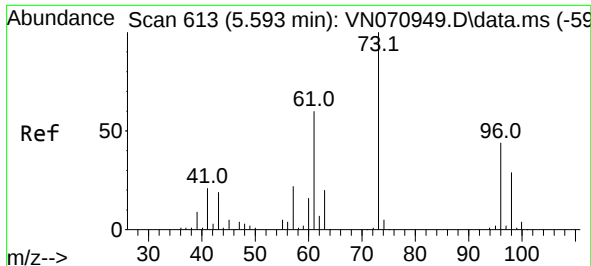
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20
Methylene Chloride
Concen: 52.076 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

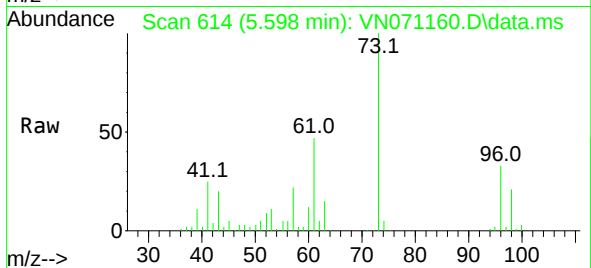
Tgt Ion: 84 Resp: 347095
Ion Ratio Lower Upper
84 100
49 131.7 93.5 140.3
51 40.2 29.4 44.2
86 61.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.638 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

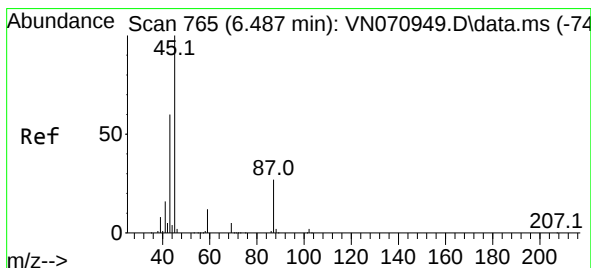
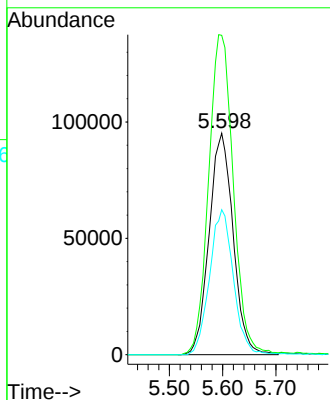
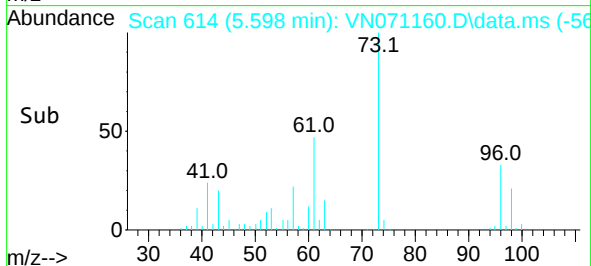
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 297942
Ion Ratio Lower Upper
96 100
61 144.3 105.8 158.6
98 65.5 52.0 78.0

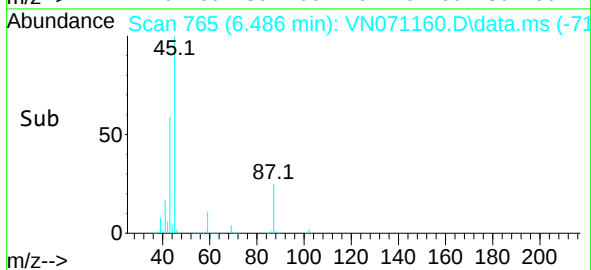
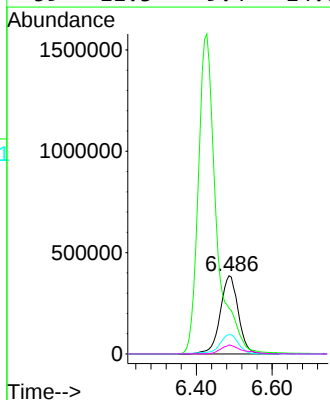
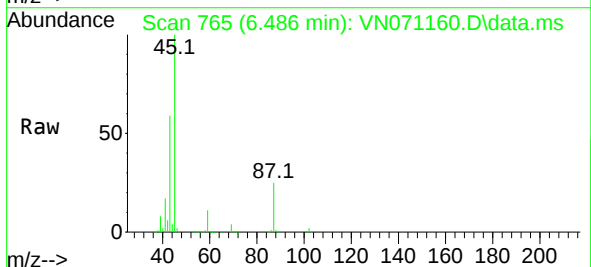
Manual Integrations
APPROVED

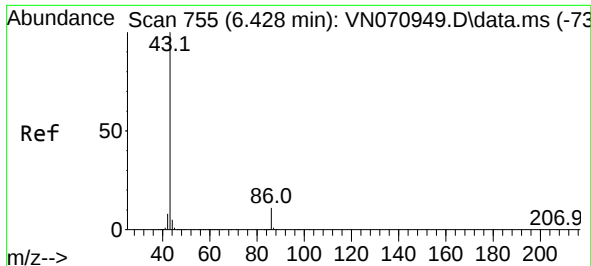
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#22
Diisopropyl ether
Concen: 61.415 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Tgt Ion: 45 Resp: 1282115
Ion Ratio Lower Upper
45 100
43 58.4 51.7 77.5
87 24.4 23.2 34.8
59 11.3 9.4 14.0





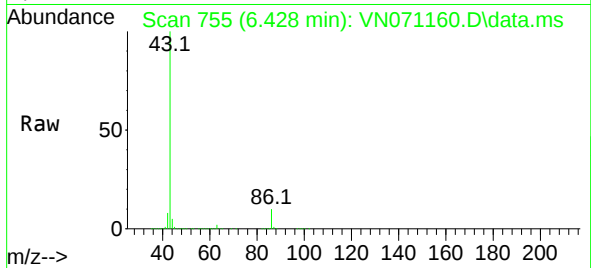
#23
 Vinyl Acetate
 Concen: 297.219 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071160.D
 Acq: 04 Mar 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

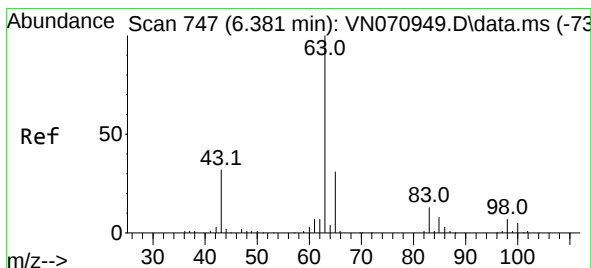
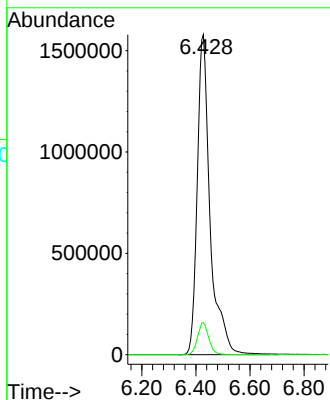
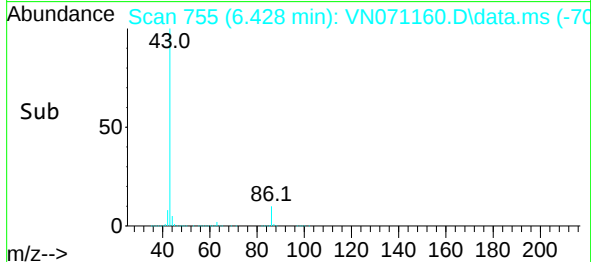
VSTDCCC050



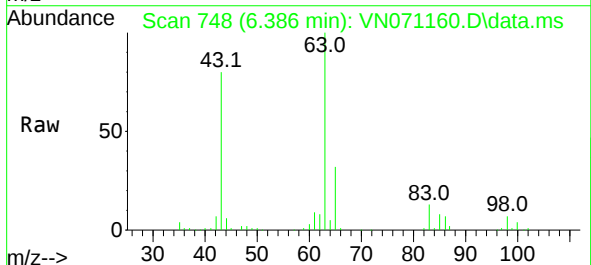
Tgt Ion: 43 Resp: 525240
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.5 12.7

Manual Integrations
 APPROVED

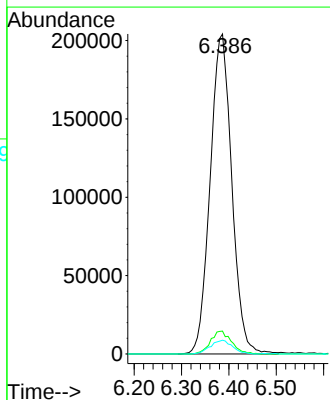
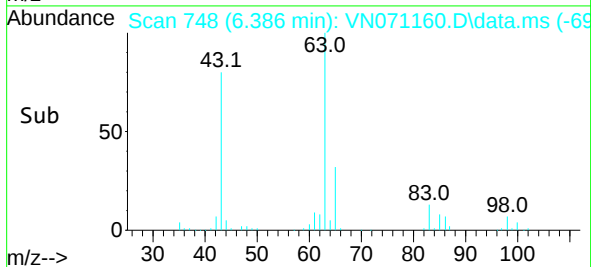
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

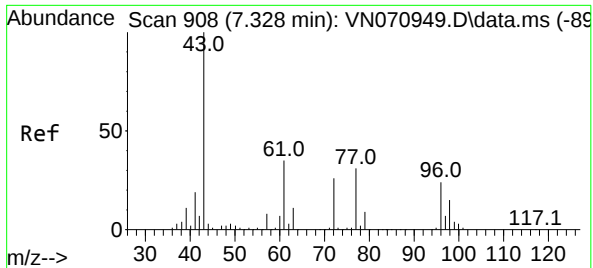


#24
 1,1-Dichloroethane
 Concen: 55.431 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071160.D
 Acq: 04 Mar 2022 10:21



Tgt Ion: 63 Resp: 648686
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.3 2.1 6.5





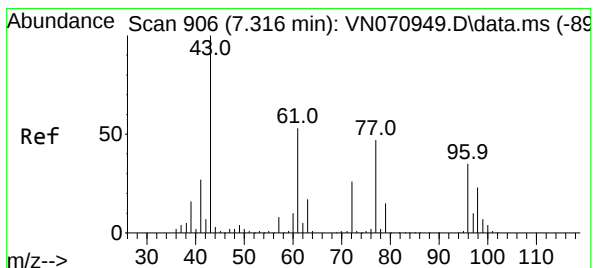
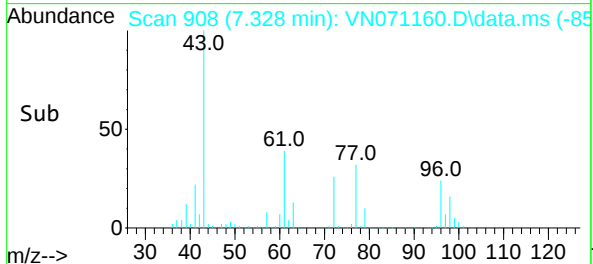
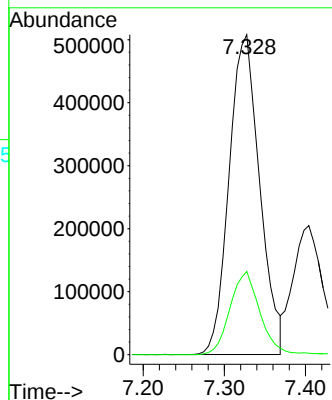
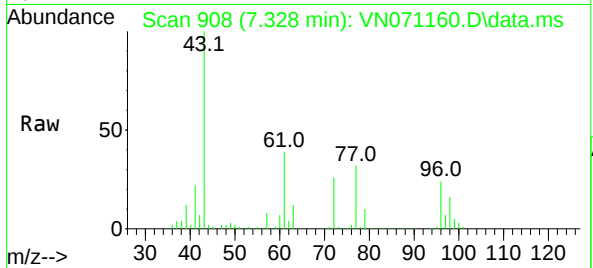
#25
2-Butanone
Concen: 272.637 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1330130
Ion Ratio Lower Upper
43 100
72 26.0 21.7 32.5

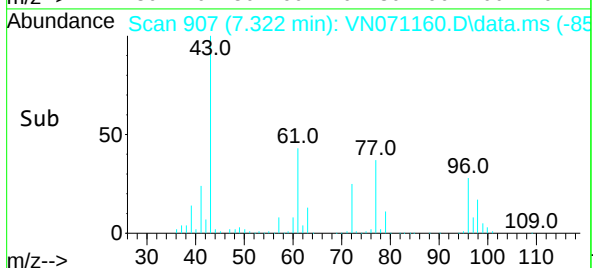
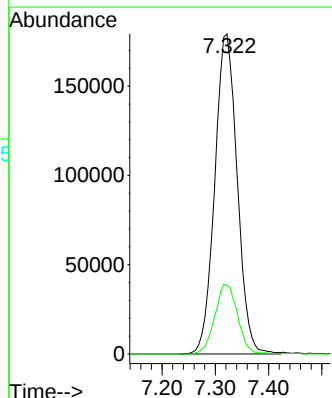
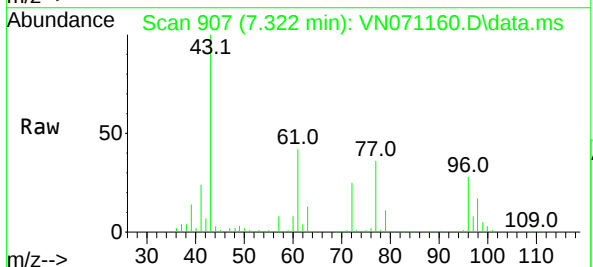
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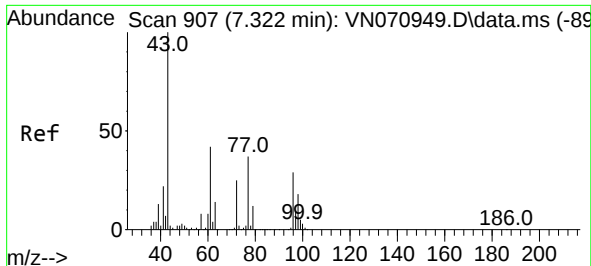
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
2,2-Dichloropropane
Concen: 53.925 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Tgt Ion: 77 Resp: 524478
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 53.048 ug/l

RT: 7.316 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071160.D

Acq: 04 Mar 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

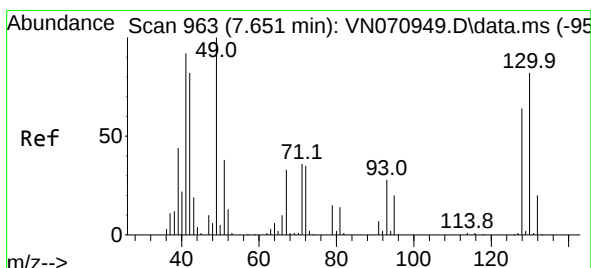
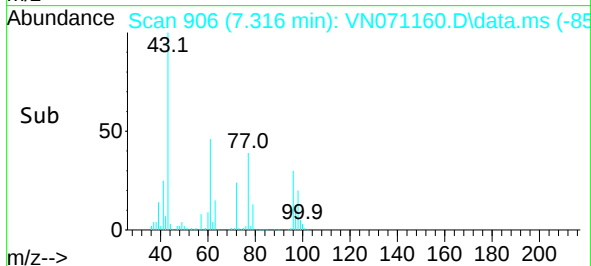
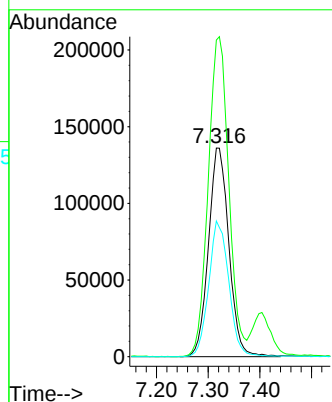
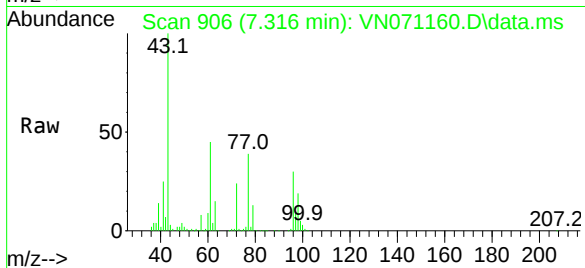
Tgt Ion:	96	Resp:	37348
Ion	Ratio	Lower	Upper
96	100		
61	154.7	0.0	275.0
98	64.2	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#28

Bromochloromethane

Concen: 62.592 ug/l

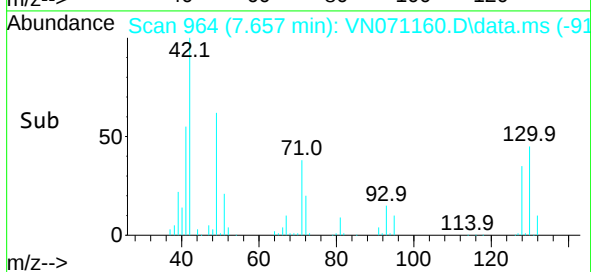
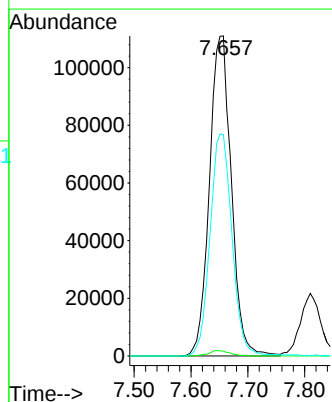
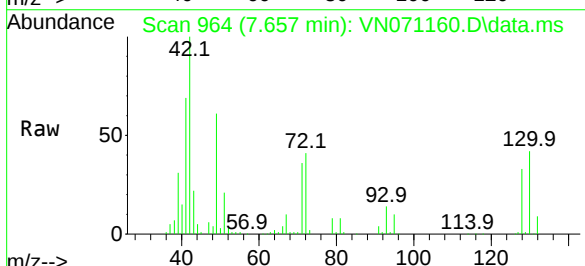
RT: 7.657 min Scan# 964

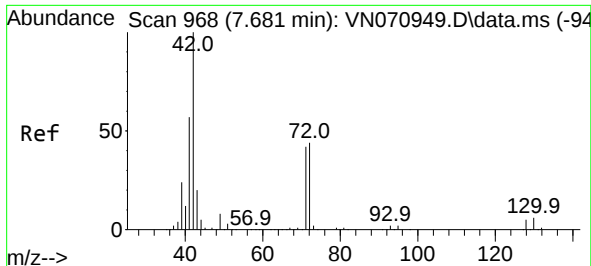
Delta R.T. 0.006 min

Lab File: VN071160.D

Acq: 04 Mar 2022 10:21

Tgt Ion:	49	Resp:	296472
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.0
130	69.7	67.8	101.8





#29

Tetrahydrofuran

Concen: 274.857 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071160.D

Acq: 04 Mar 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 86869

Ion Ratio Lower Upper

42 100

72 40.2 36.3 54.5

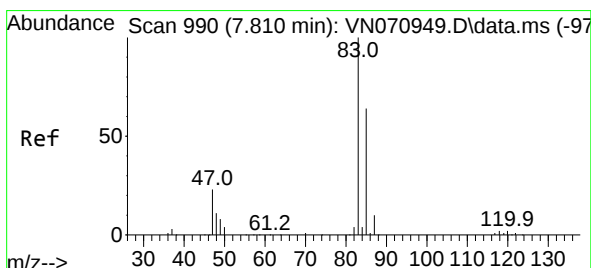
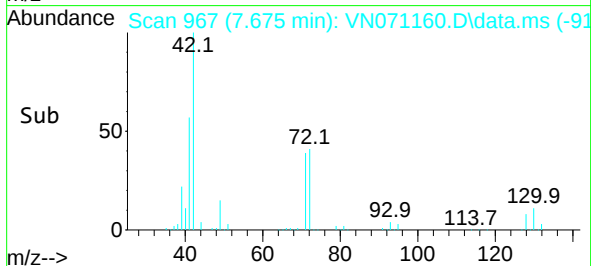
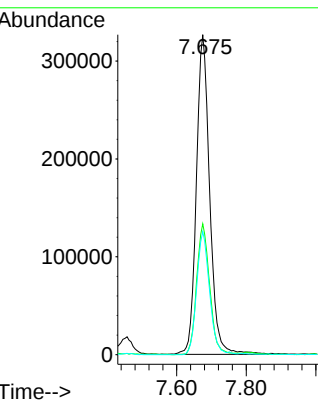
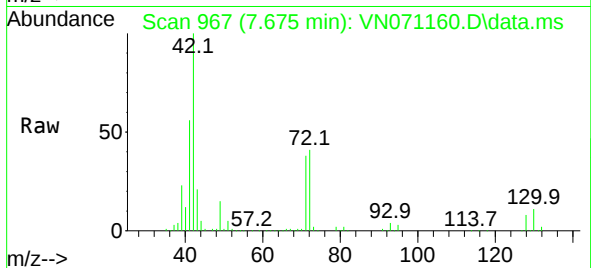
71 37.2 34.7 52.1

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Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#30

Chloroform

Concen: 54.486 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN071160.D

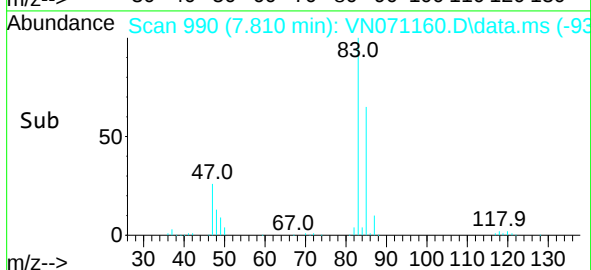
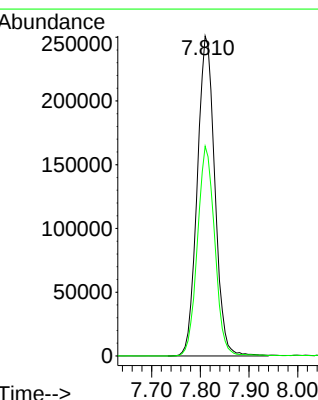
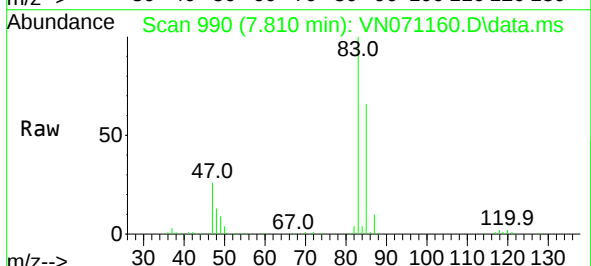
Acq: 04 Mar 2022 10:21

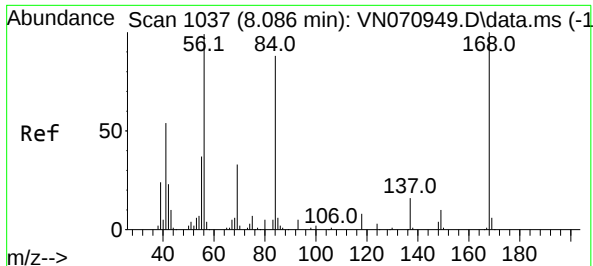
Tgt Ion: 83 Resp: 627131

Ion Ratio Lower Upper

83 100

85 65.6 51.9 77.9





#31

Cyclohexane

Concen: 51.339 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VN071160.D

Acq: 04 Mar 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 59127

Ion Ratio Lower Upper

56 100

69 30.0 27.1 40.7

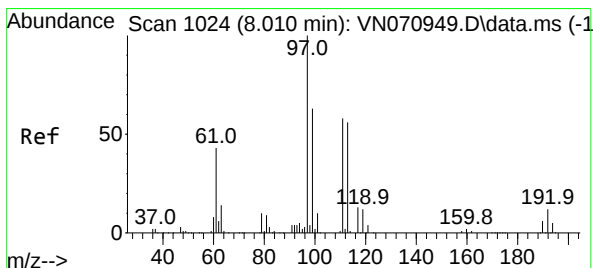
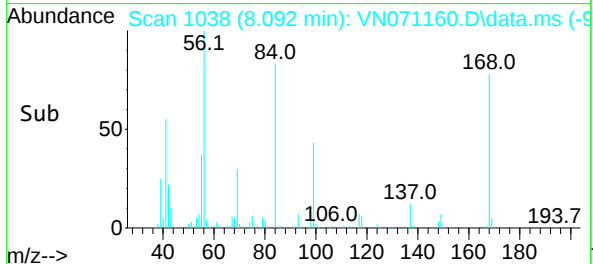
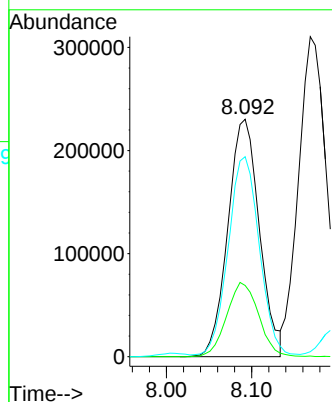
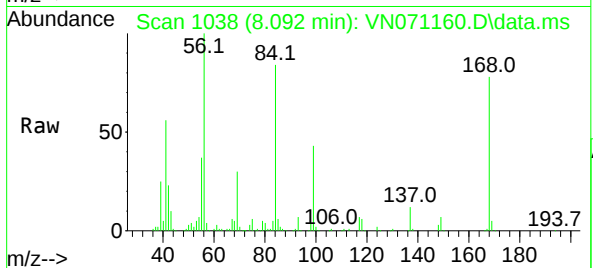
84 83.0 73.4 110.0

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Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#32

1,1,1-Trichloroethane

Concen: 54.191 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN071160.D

Acq: 04 Mar 2022 10:21

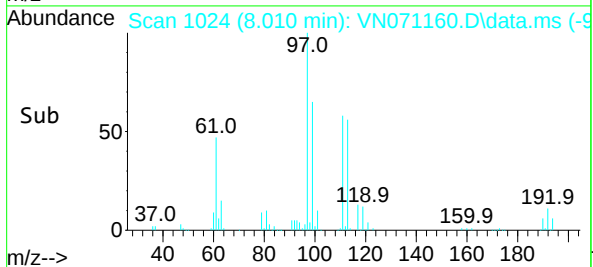
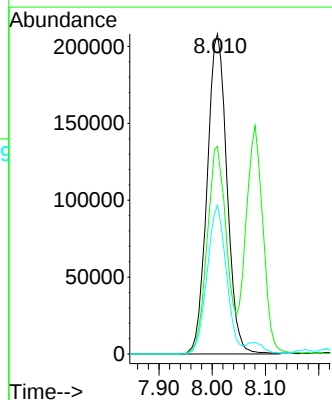
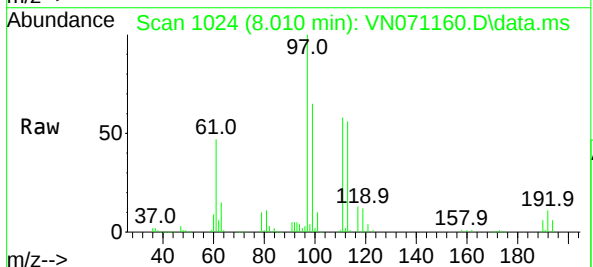
Tgt Ion: 97 Resp: 538646

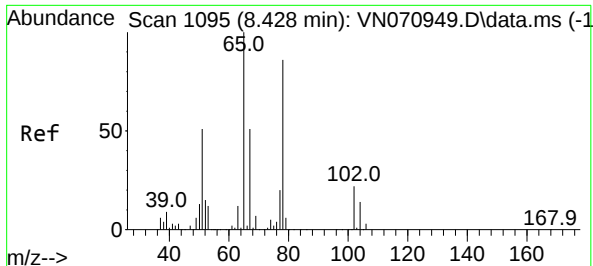
Ion Ratio Lower Upper

97 100

99 63.4 50.1 75.1

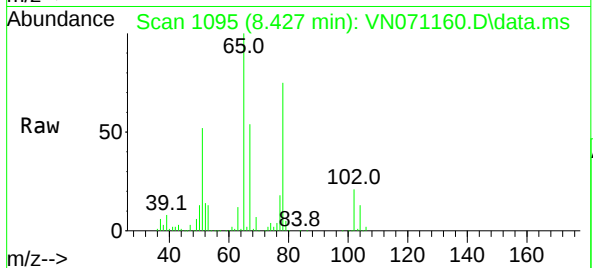
61 45.2 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 56.843 ug/l
RT: 8.427 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

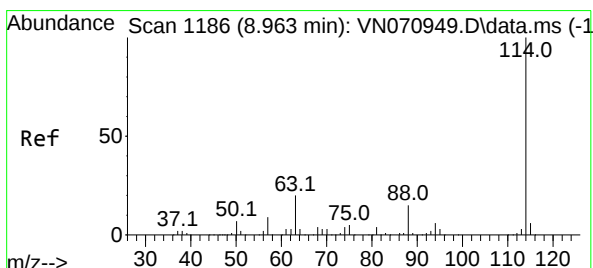
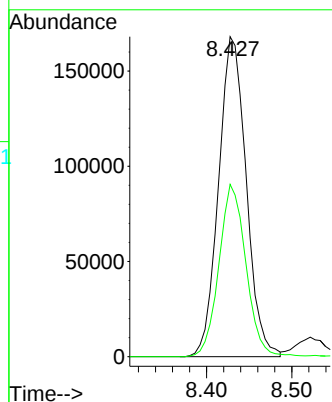
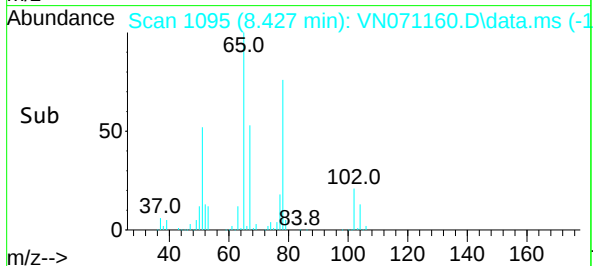
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



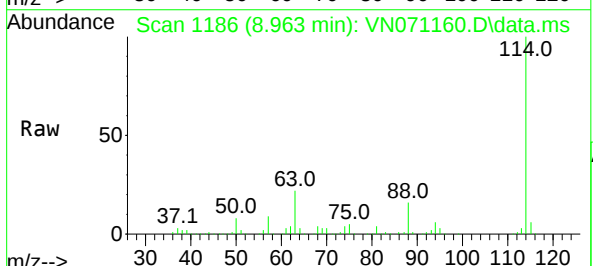
Tgt Ion: 65 Resp: 37853
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0

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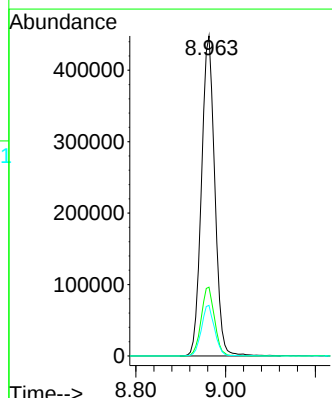
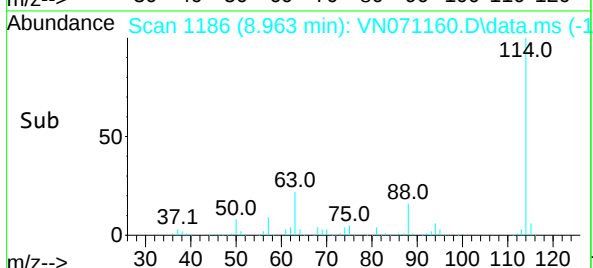
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

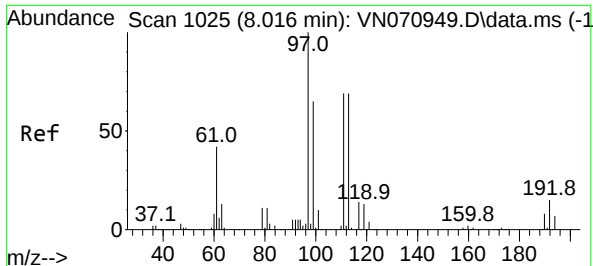


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



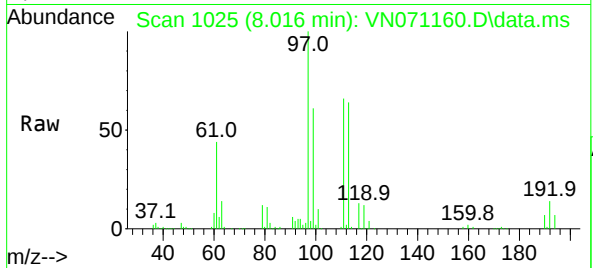
Tgt Ion:114 Resp: 921848
Ion Ratio Lower Upper
114 100
63 21.5 0.0 37.8
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 55.007 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

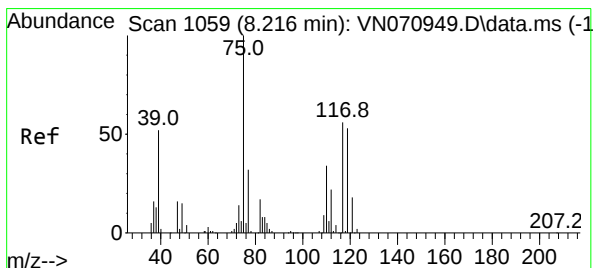
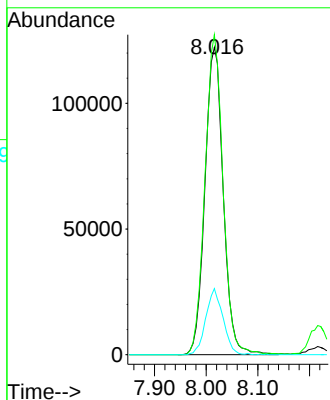
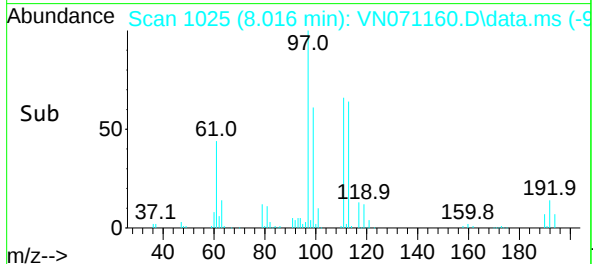
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



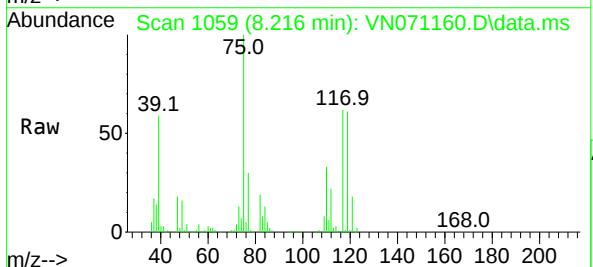
Tgt Ion:113 Resp: 301610
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.1 16.9 25.3

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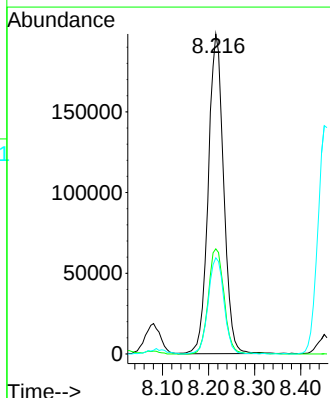
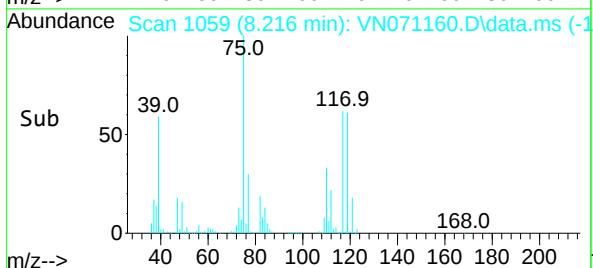
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

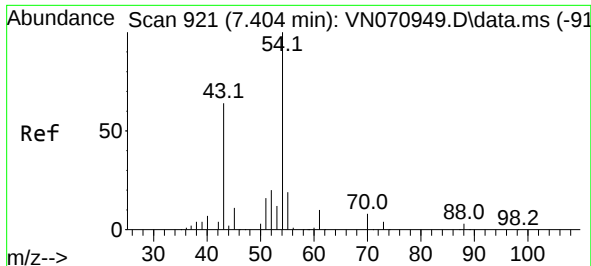


#36
1,1-Dichloropropene
Concen: 51.177 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



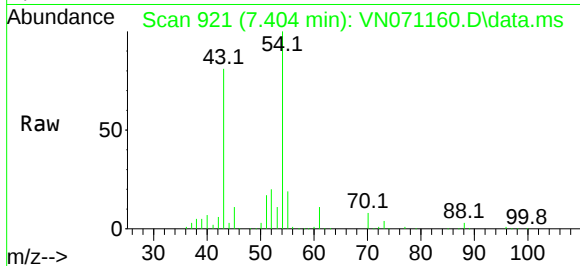
Tgt Ion: 75 Resp: 459739
Ion Ratio Lower Upper
75 100
110 33.7 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 57.096 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

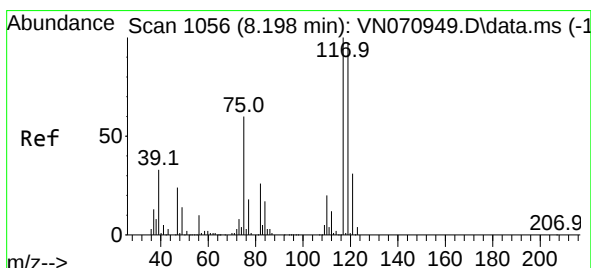
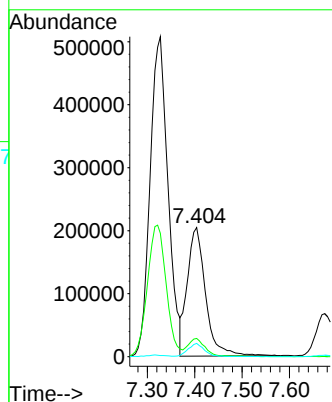
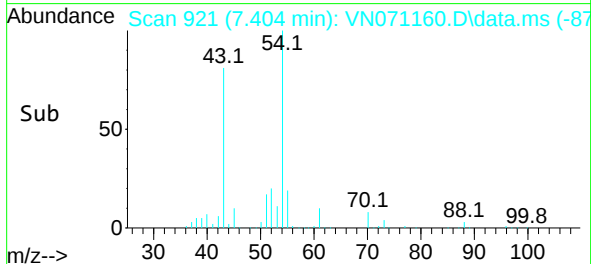
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



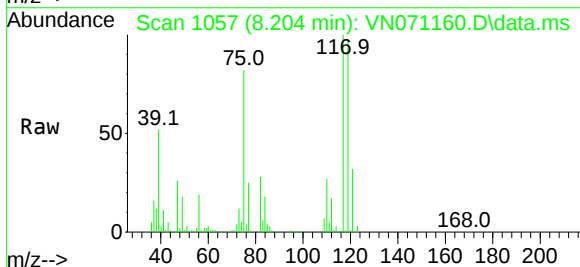
Tgt Ion: 43 Resp: 550072
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 9.1 7.9 11.9

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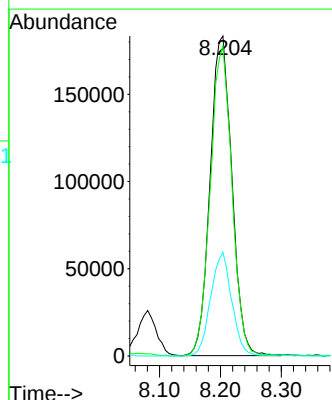
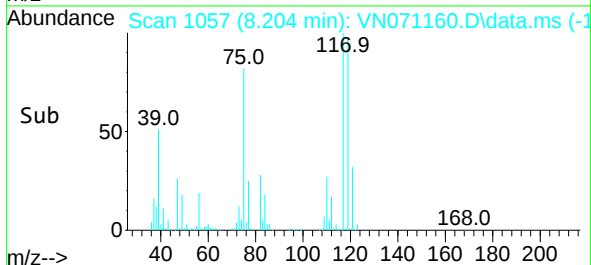
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

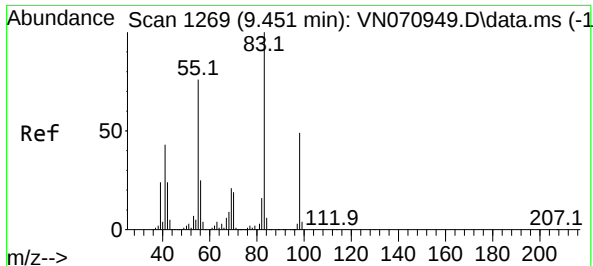


#38
Carbon Tetrachloride
Concen: 51.502 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



Tgt Ion:117 Resp: 455850
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1
121 32.4 24.2 36.2





#39

Methylcyclohexane

Concen: 48.500 ug/l

RT: 9.451 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VN071160.D

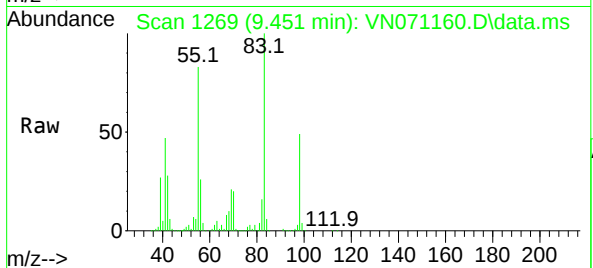
Acq: 04 Mar 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

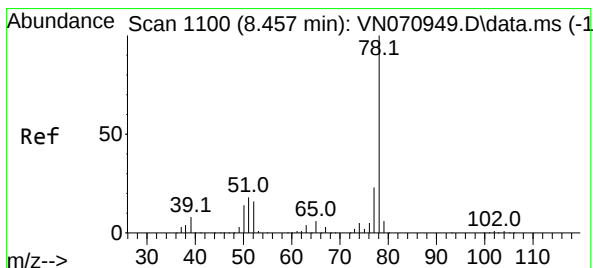
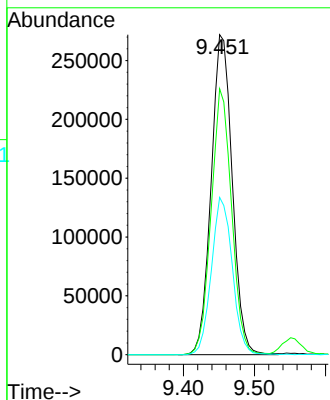
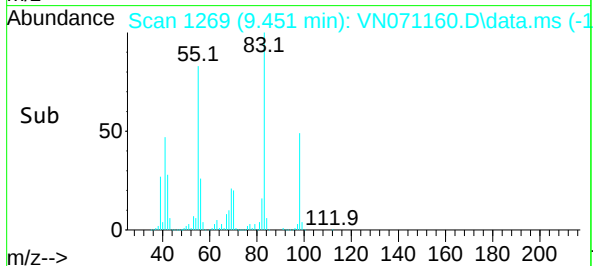


Tgt Ion: 83	Resp: 56062
Ion Ratio	Lower Upper
83	100
55	83.0 58.1 87.1
98	49.2 38.4 57.6

Manual Integrations
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Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#40

Benzene

Concen: 53.415 ug/l

RT: 8.451 min Scan# 1099

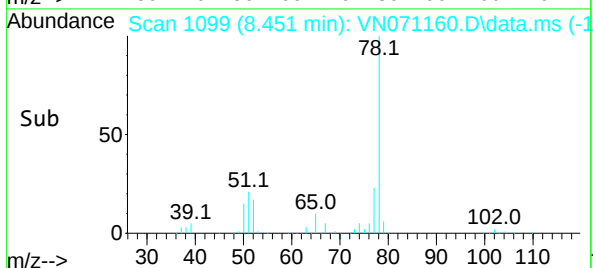
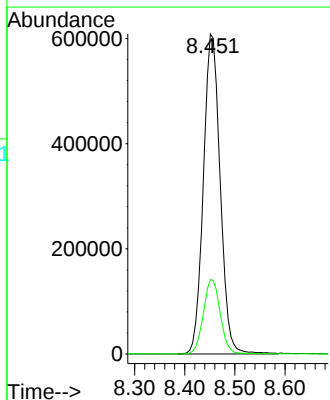
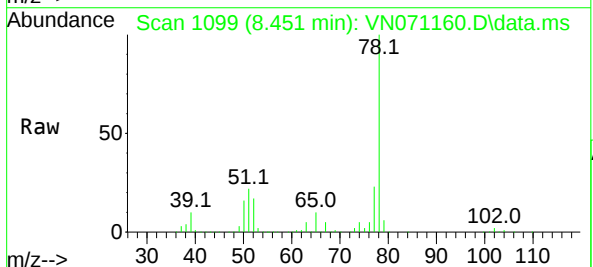
Delta R.T. -0.006 min

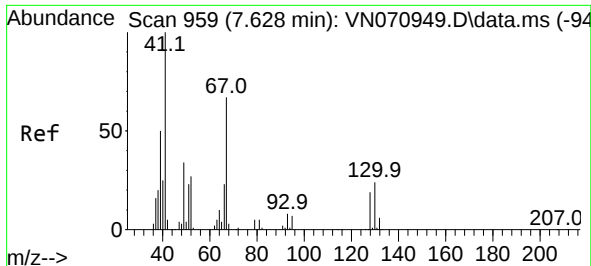
Lab File: VN071160.D

Acq: 04 Mar 2022 10:21

Tgt Ion: 78 Resp: 1419366

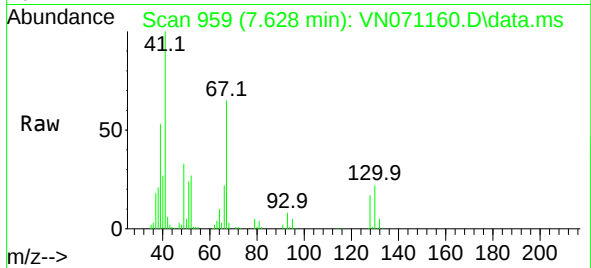
Ion Ratio	Lower Upper
78	100
77	23.2 18.6 27.8





#41
Methacrylonitrile
Concen: 56.082 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

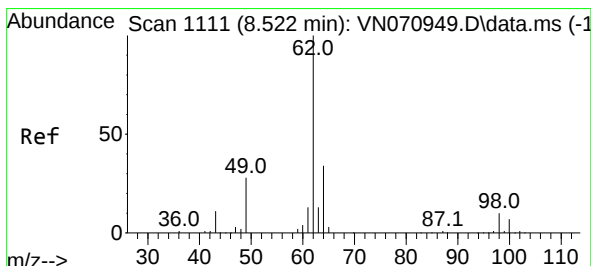
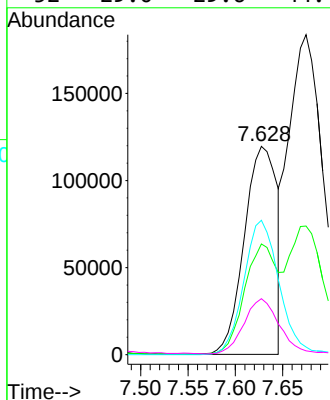
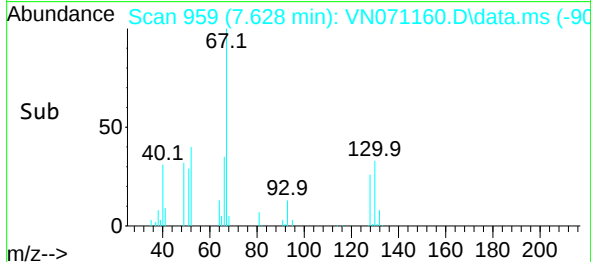
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 284570
Ion Ratio Lower Upper
41 100
39 51.7 48.1 72.1
67 70.9 68.3 102.5
52 29.0 29.6 44.4#

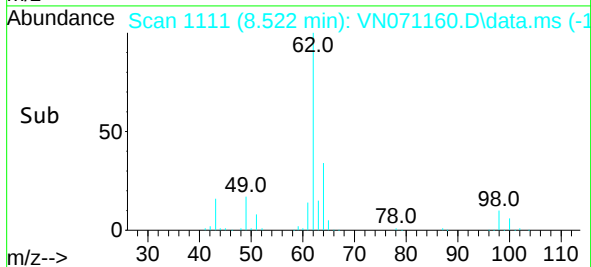
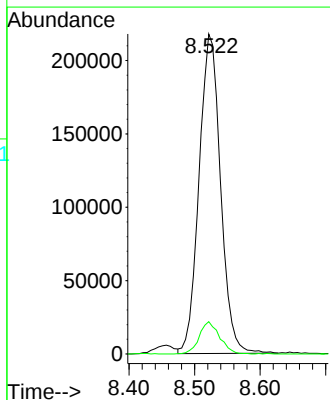
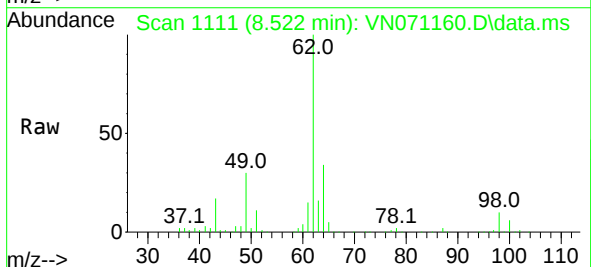
Manual Integrations
APPROVED

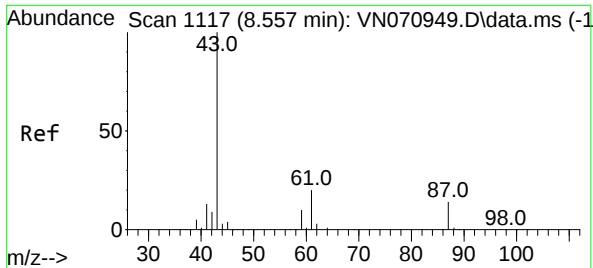
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
1,2-Dichloroethane
Concen: 54.912 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

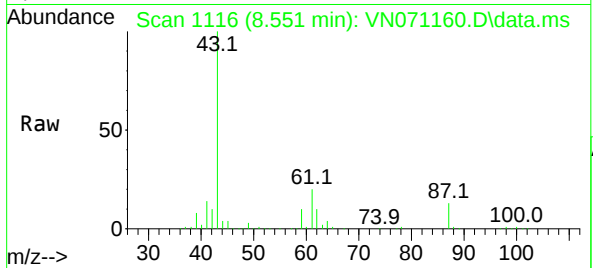
Tgt Ion: 62 Resp: 496957
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 57.122 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

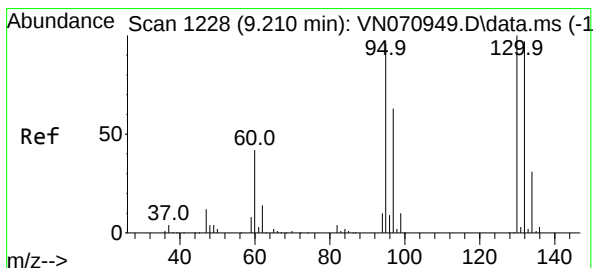
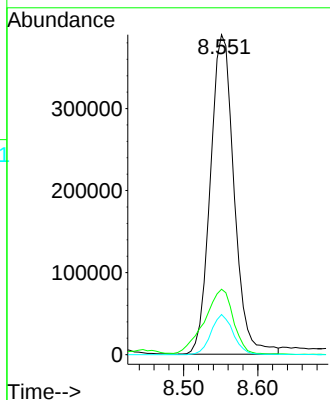
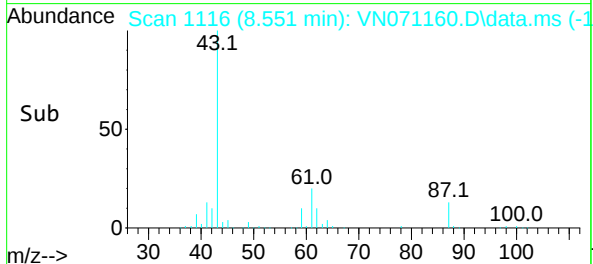
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



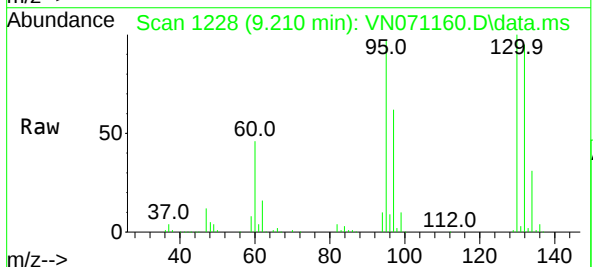
Tgt Ion: 43 Resp: 86743
Ion Ratio Lower Upper
43 100
61 24.7 20.4 30.6
87 11.8 11.2 16.8

Manual Integrations
APPROVED

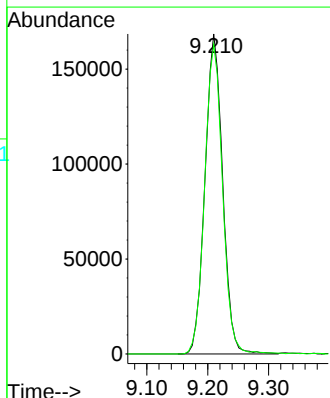
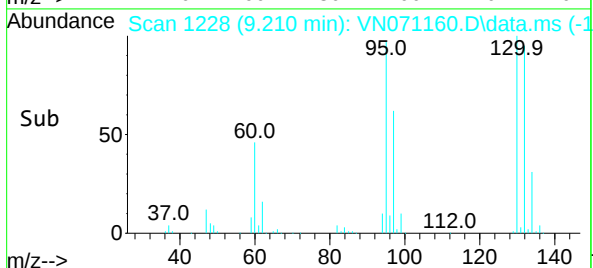
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

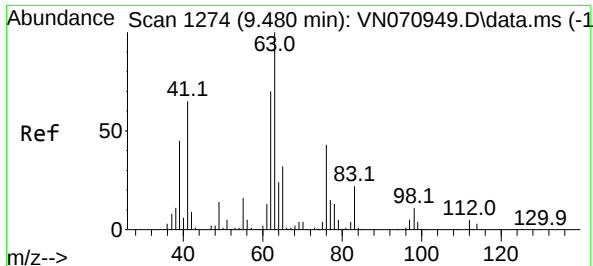


#44
Trichloroethene
Concen: 48.644 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



Tgt Ion:130 Resp: 340373
Ion Ratio Lower Upper
130 100
95 96.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 57.095 ug/l

RT: 9.480 min Scan# 1274

Delta R.T. -0.000 min

Lab File: VN071160.D

Acq: 04 Mar 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 388620

Ion Ratio Lower Upper

63 100

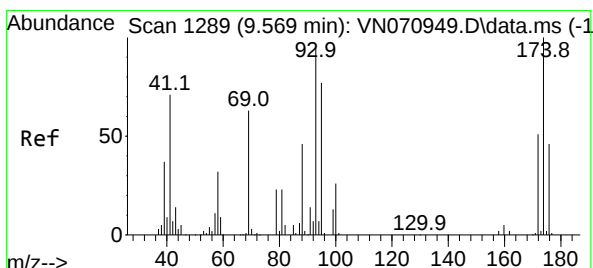
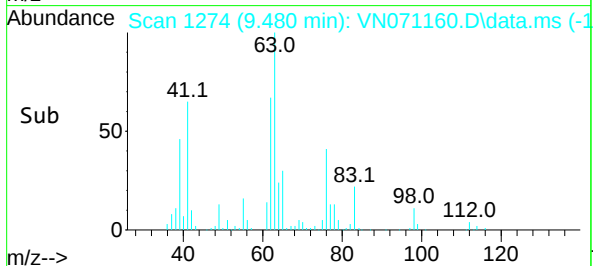
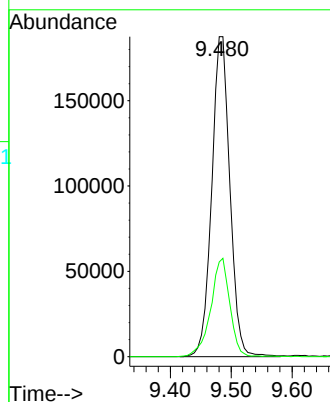
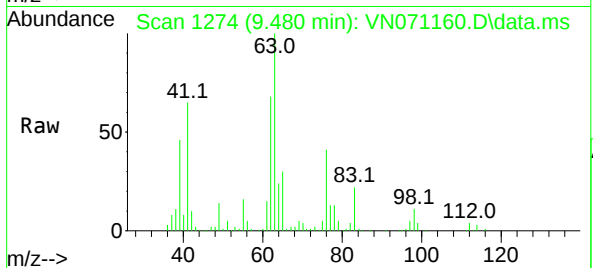
65 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

Dibromomethane

Concen: 51.493 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN071160.D

Acq: 04 Mar 2022 10:21

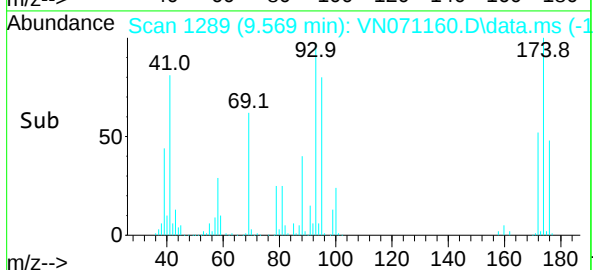
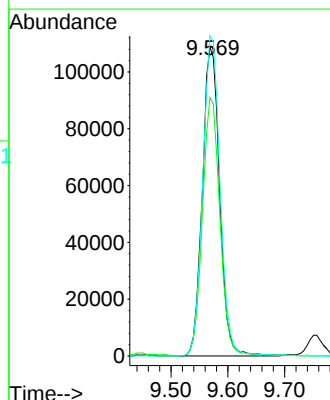
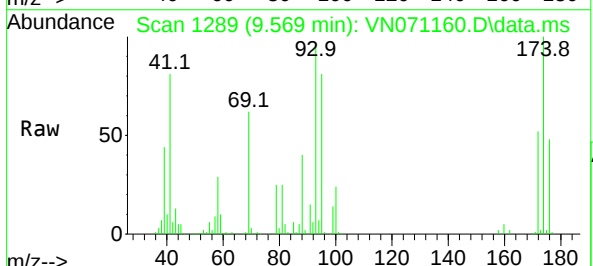
Tgt Ion: 93 Resp: 230659

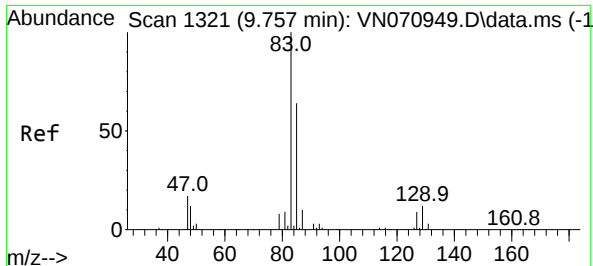
Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

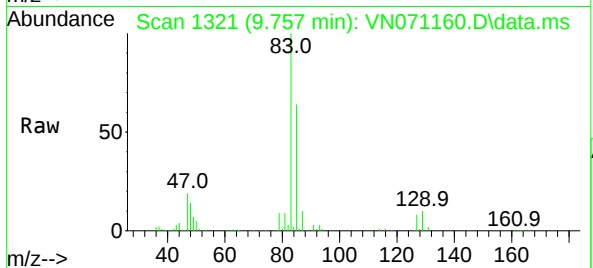
174 103.0 84.6 127.0





#47
Bromodichloromethane
Concen: 55.171 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

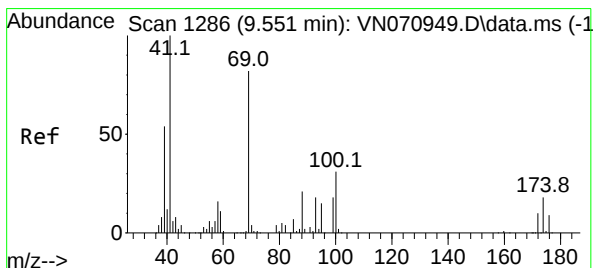
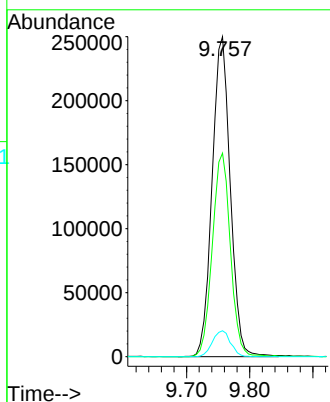
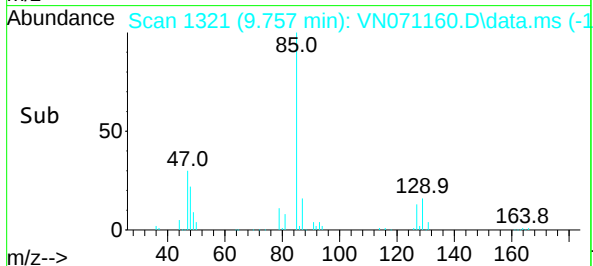
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



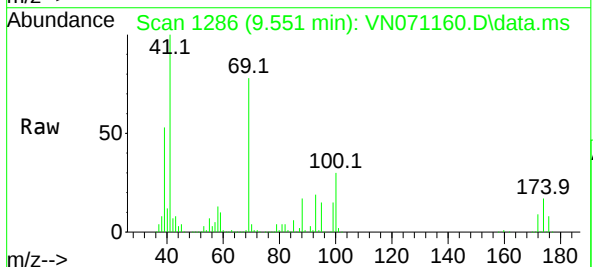
Tgt Ion: 83 Resp: 499462
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

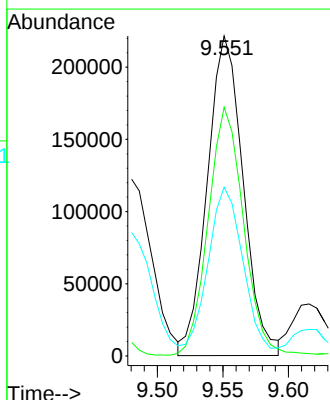
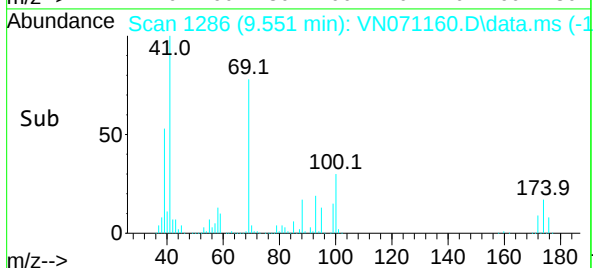
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

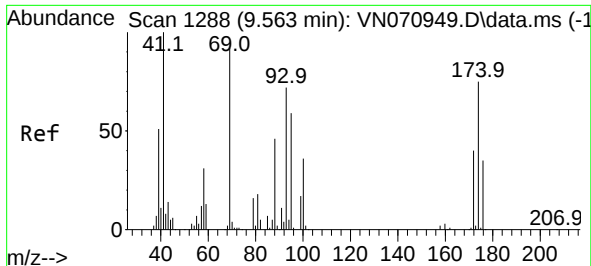


#48
Methyl methacrylate
Concen: 58.432 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



Tgt Ion: 41 Resp: 420001
Ion Ratio Lower Upper
41 100
69 76.5 72.4 108.6
39 51.7 58.4 87.6#





#49

1,4-Dioxane

Concen: 889.464 ug/l

RT: 9.563 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071160.D

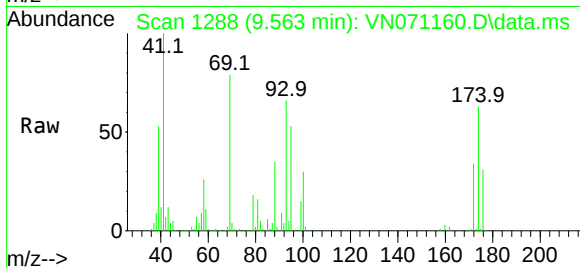
Acq: 04 Mar 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 88 Resp: 113554

Ion Ratio Lower Upper

88 100

43 31.1 23.4 35.2

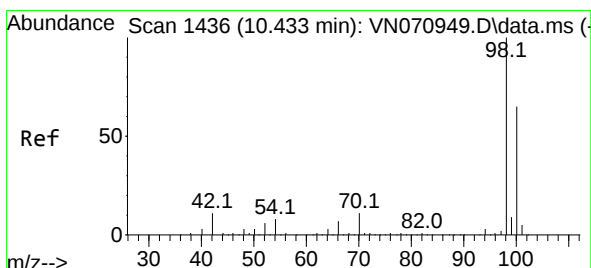
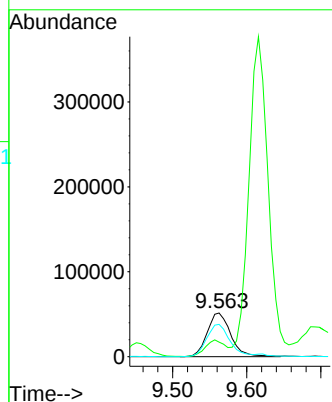
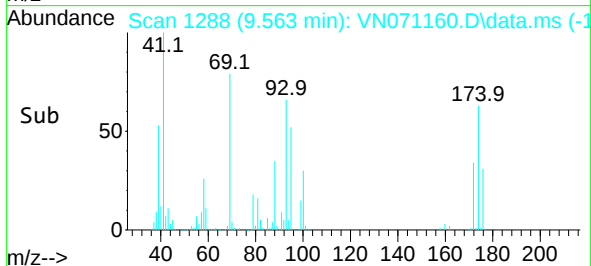
58 72.8 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

Toluene-d8

Concen: 53.743 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.000 min

Lab File: VN071160.D

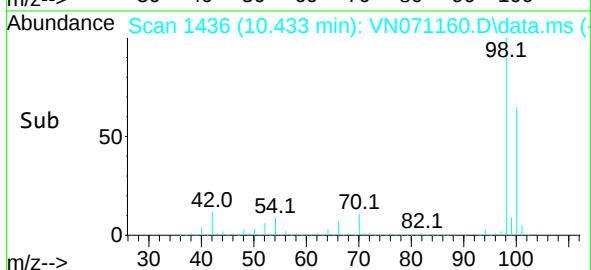
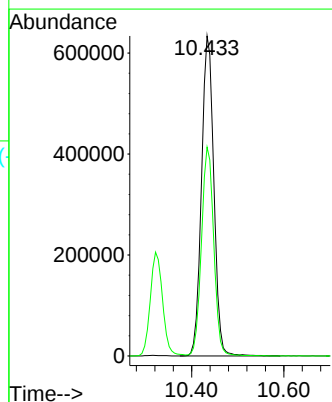
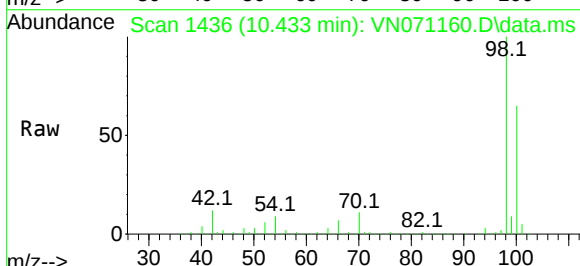
Acq: 04 Mar 2022 10:21

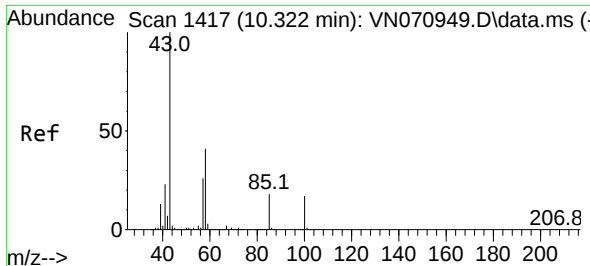
Tgt Ion: 98 Resp: 1183414

Ion Ratio Lower Upper

98 100

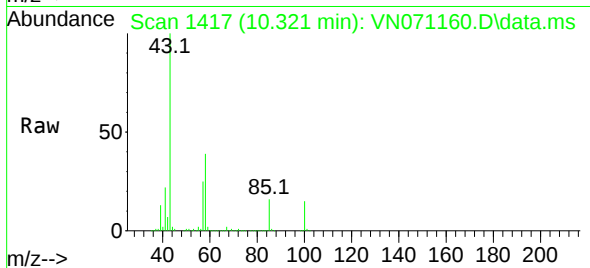
100 65.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 285.381 ug/l
RT: 10.321 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

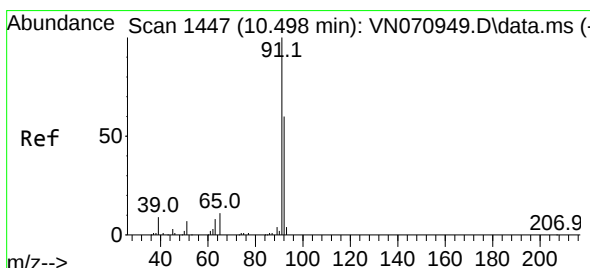
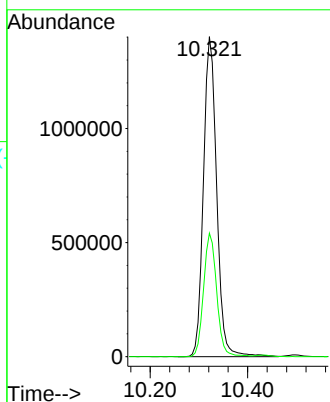
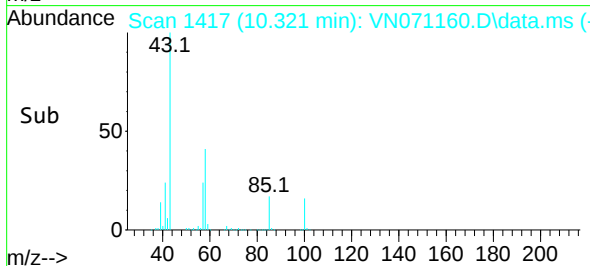
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 2636730
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6

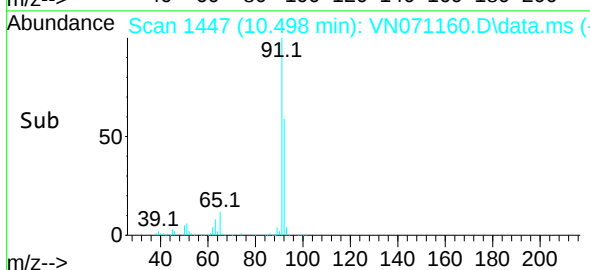
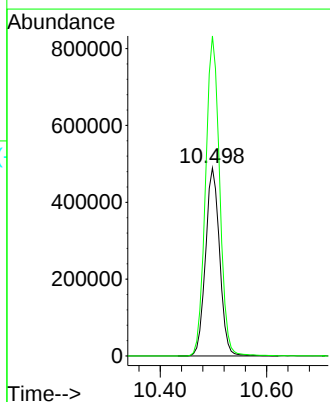
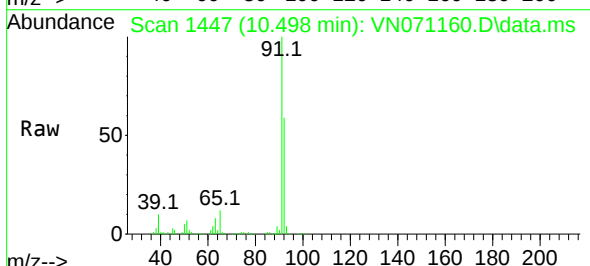
Manual Integrations
APPROVED

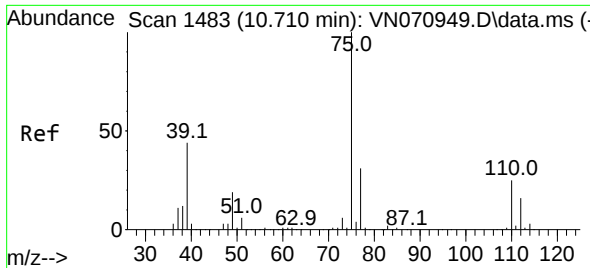
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#52
Toluene
Concen: 53.724 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

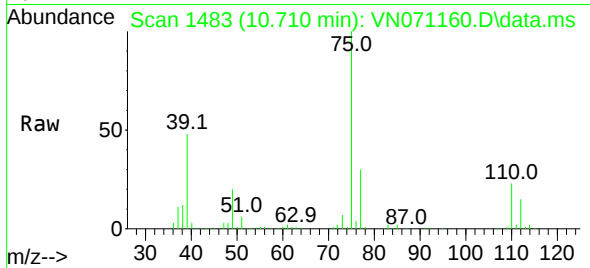
Tgt Ion: 92 Resp: 897050
Ion Ratio Lower Upper
92 100
91 171.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 54.517 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

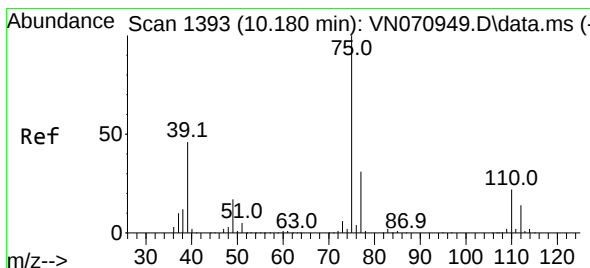
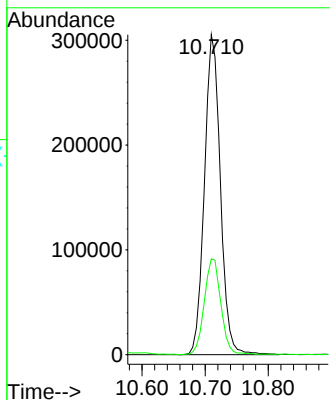
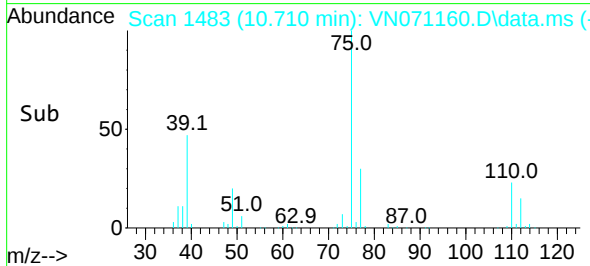
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



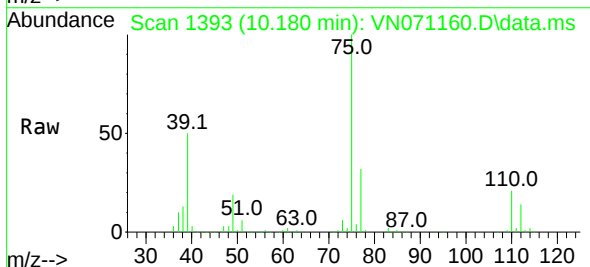
Tgt Ion: 75 Resp: 536670
Ion Ratio Lower Upper
75 100
77 29.9 25.6 38.4

Manual Integrations
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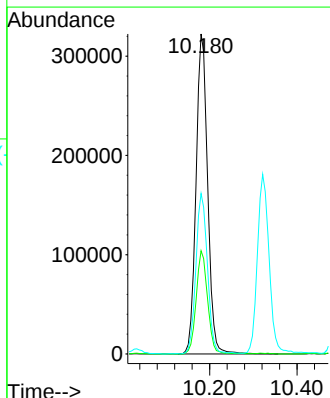
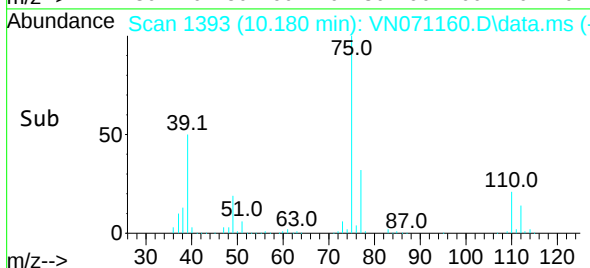
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

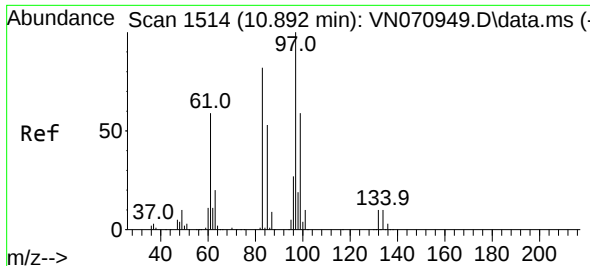


#54
cis-1,3-Dichloropropene
Concen: 55.168 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



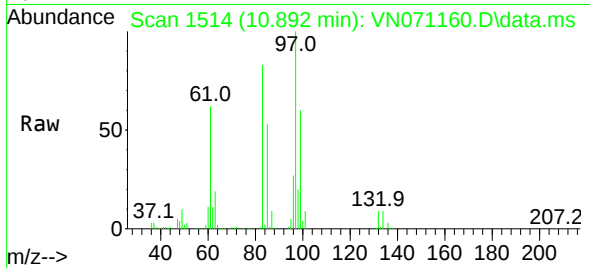
Tgt Ion: 75 Resp: 596407
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
39 50.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 53.906 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

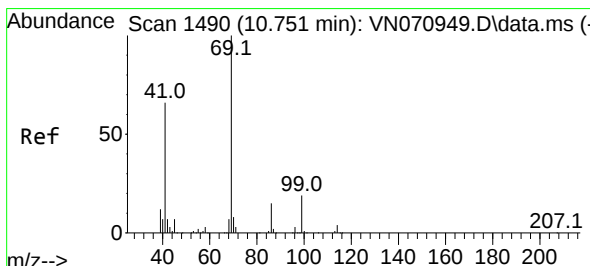
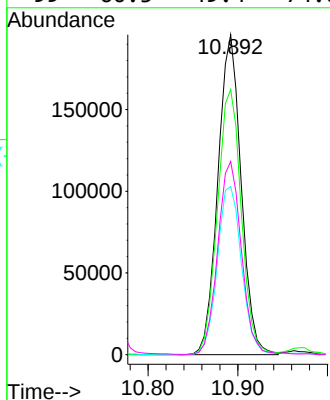
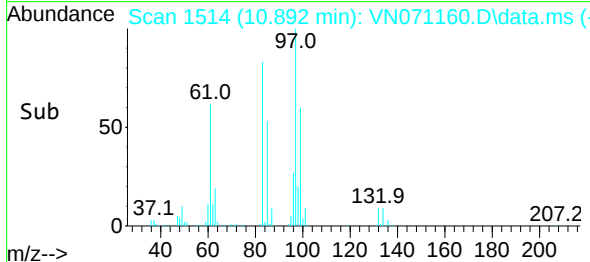


Tgt Ion: 97 Resp: 352320

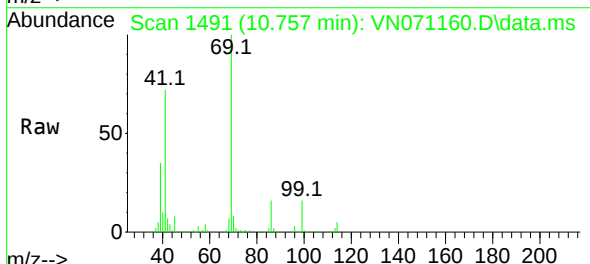
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.8	101.6
85	52.5	45.4	68.2
99	60.3	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

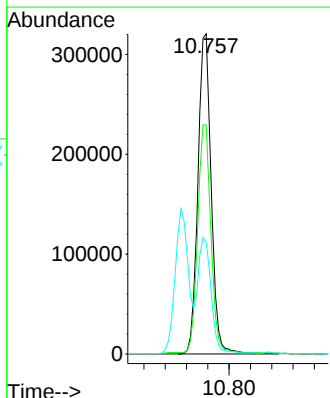
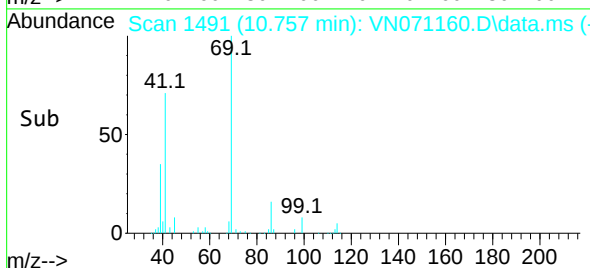


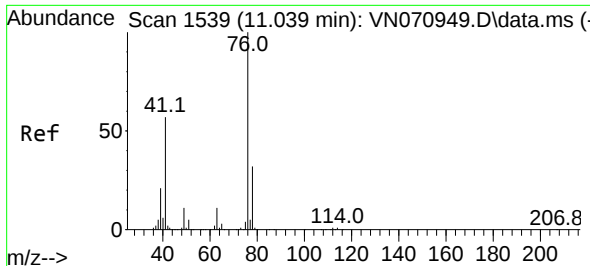
#56
Ethyl methacrylate
Concen: 56.302 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



Tgt Ion: 69 Resp: 554436

Ion	Ratio	Lower	Upper
69	100		
41	72.3	51.4	77.0
39	35.6	34.6	52.0





#57

1,3-Dichloropropane

Concen: 54.588 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071160.D

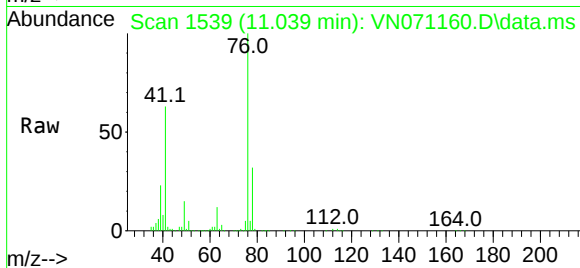
Acq: 04 Mar 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 76 Resp: 617120

Ion Ratio Lower Upper

76 100

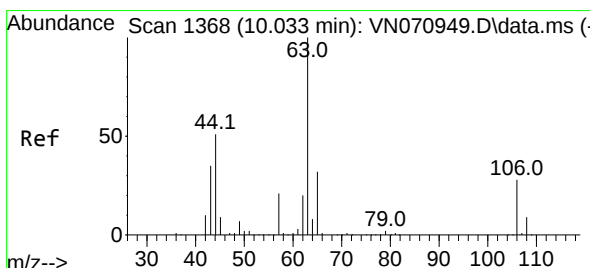
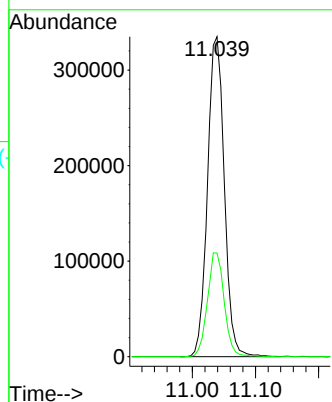
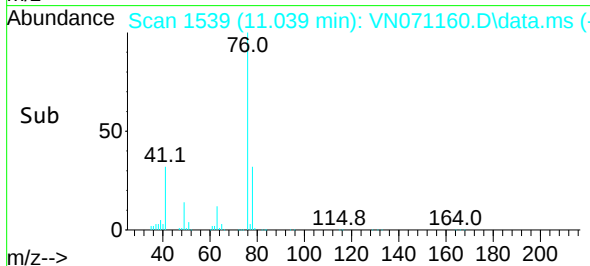
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 194.453 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071160.D

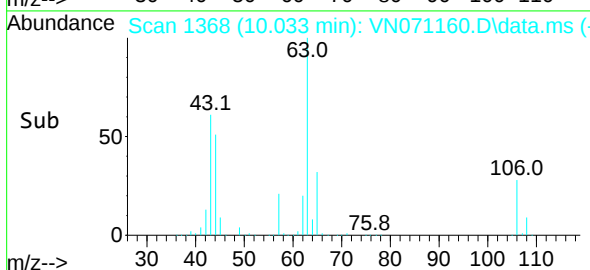
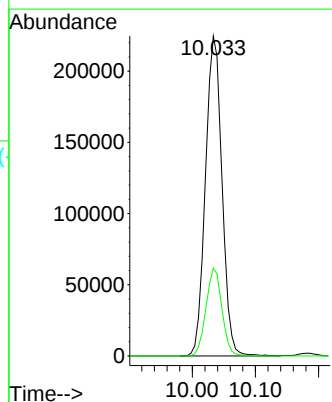
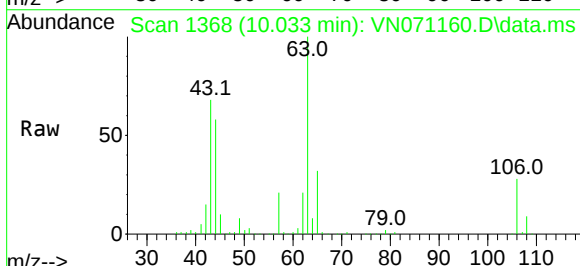
Acq: 04 Mar 2022 10:21

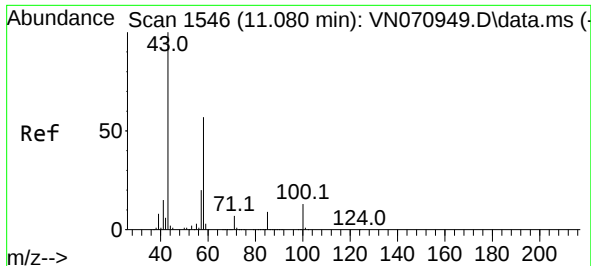
Tgt Ion: 63 Resp: 408209

Ion Ratio Lower Upper

63 100

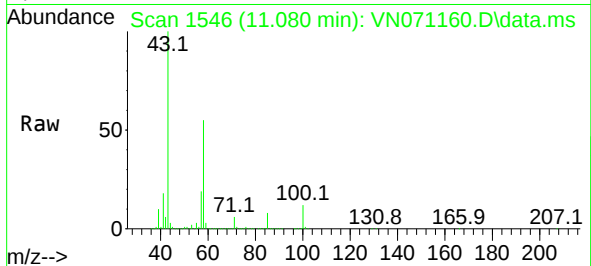
106 26.4 23.9 35.9





#59
2-Hexanone
Concen: 276.484 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

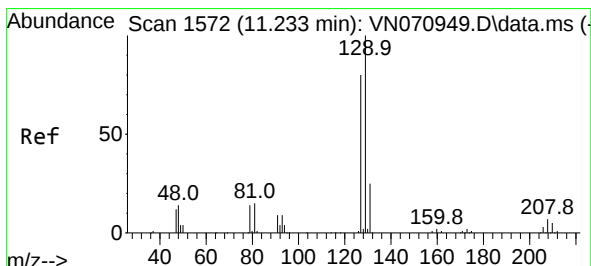
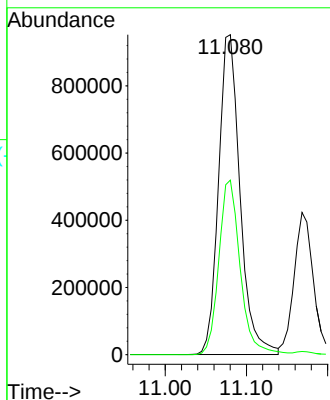
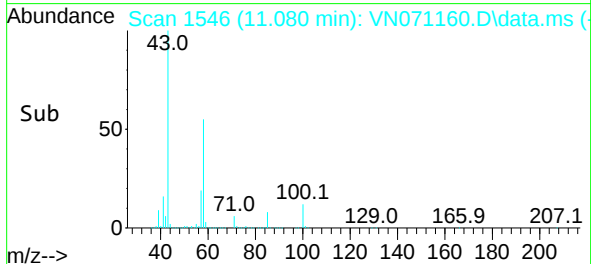
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1756889
Ion Ratio Lower Upper
43 100
58 54.2 26.9 80.7

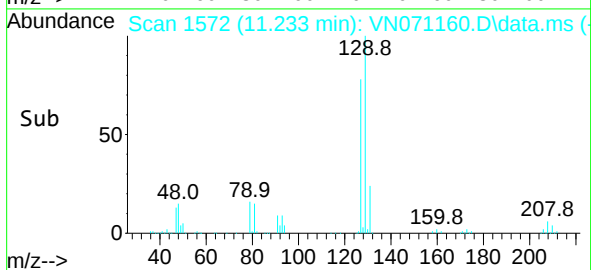
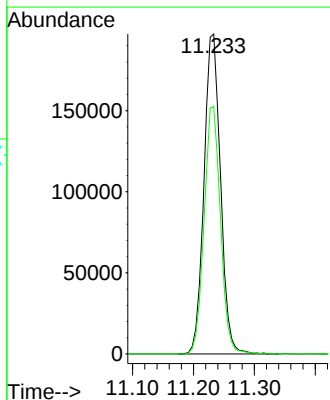
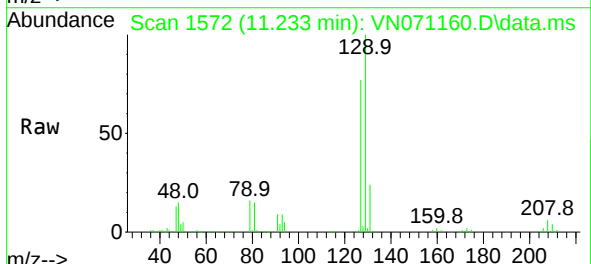
Manual Integrations
APPROVED

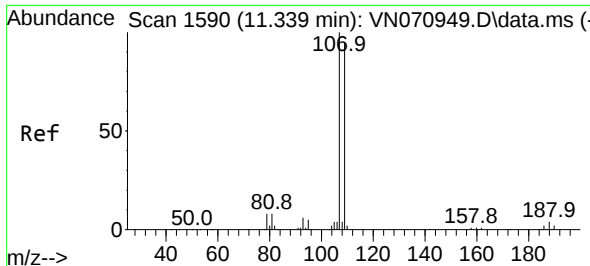
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#60
Dibromochloromethane
Concen: 53.792 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

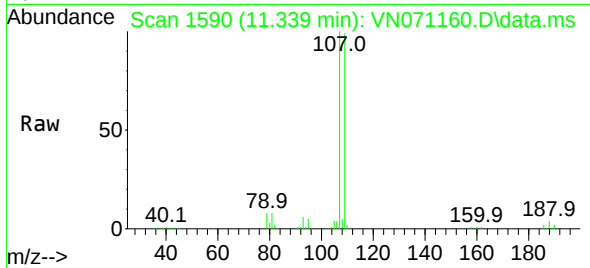
Tgt Ion:129 Resp: 371555
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.415 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

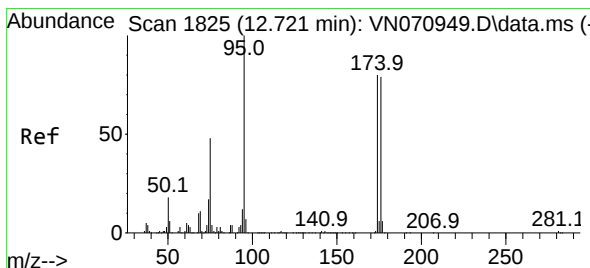
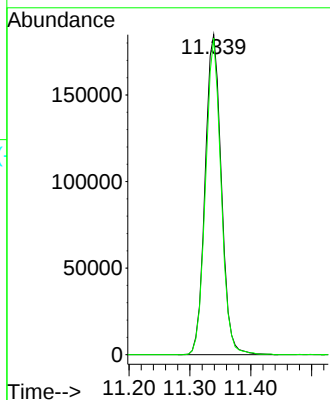
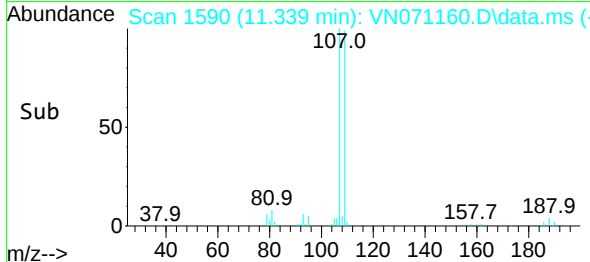
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



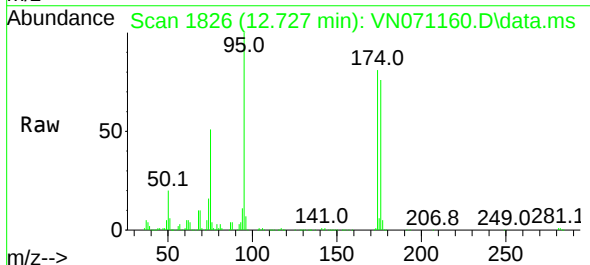
Tgt Ion:107 Resp: 341804
Ion Ratio Lower Upper
107 100
109 94.8 75.7 113.5

Manual Integrations
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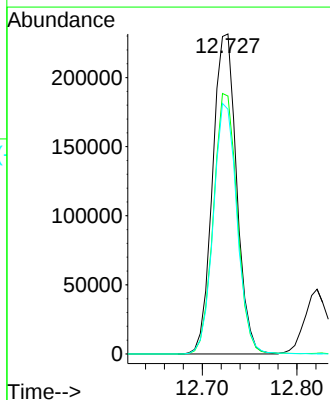
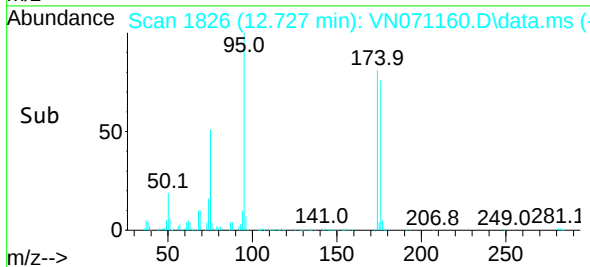
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

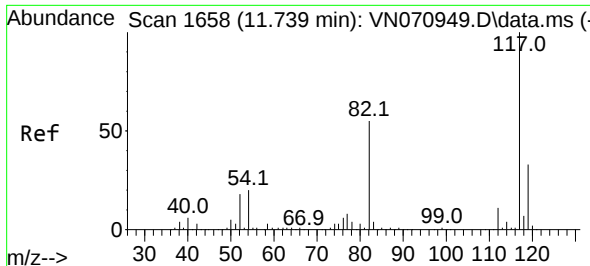


#62
4-Bromofluorobenzene
Concen: 51.831 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



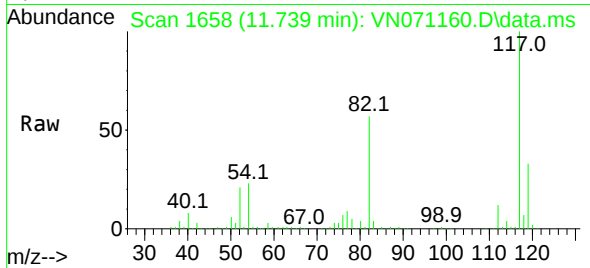
Tgt Ion: 95 Resp: 407958
Ion Ratio Lower Upper
95 100
174 80.4 0.0 187.2
176 77.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

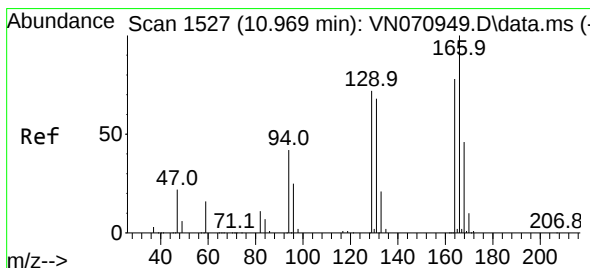
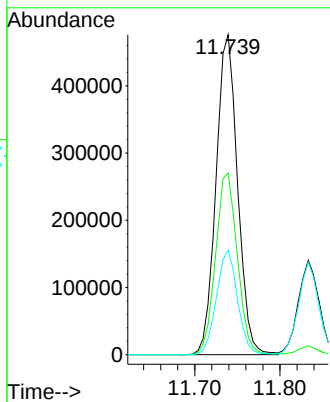
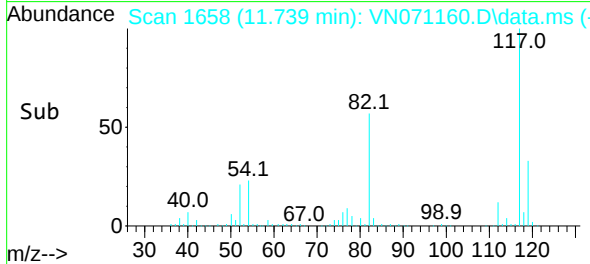
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



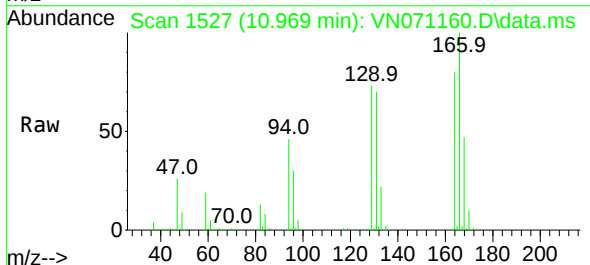
Tgt Ion:117 Resp: 83725
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.7 25.4 38.2

Manual Integrations
APPROVED

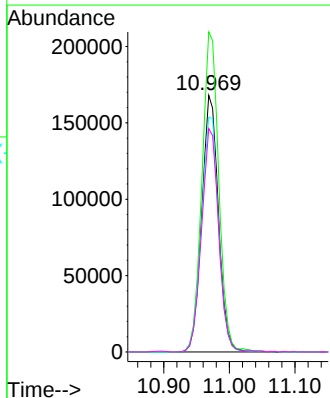
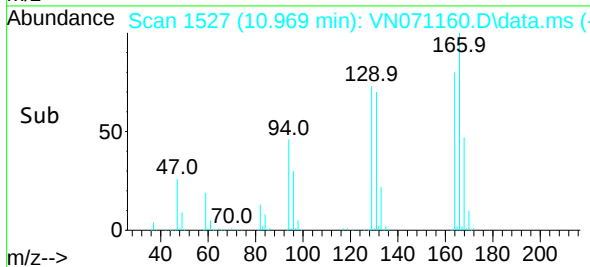
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

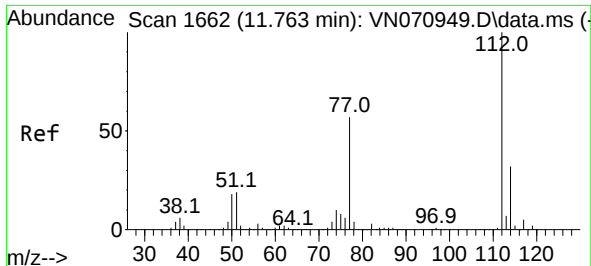


#64
Tetrachloroethene
Concen: 45.676 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



Tgt Ion:164 Resp: 297832
Ion Ratio Lower Upper
164 100
166 124.7 101.9 152.9
129 91.4 72.0 108.0
131 87.0 70.9 106.3





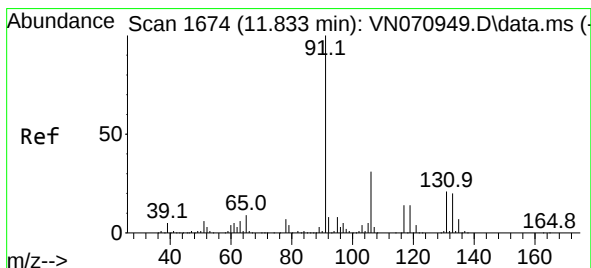
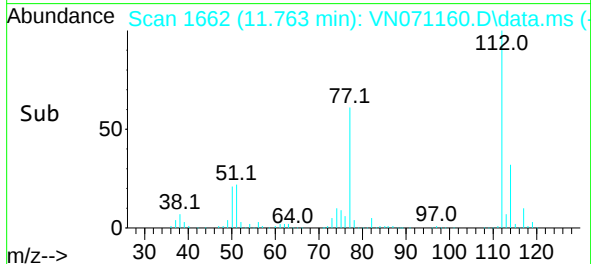
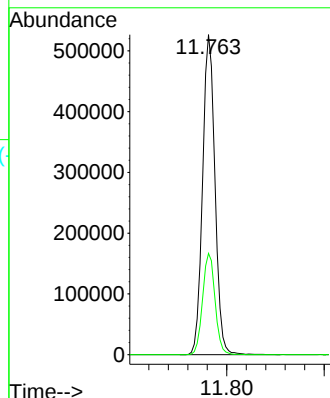
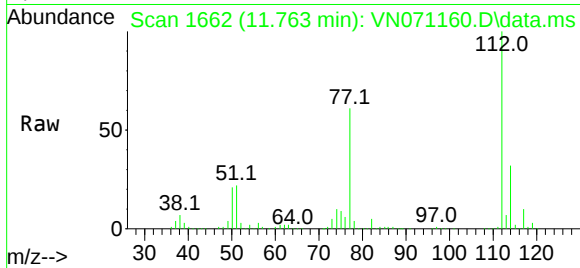
#65
Chlorobenzene
Concen: 51.473 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 92865
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

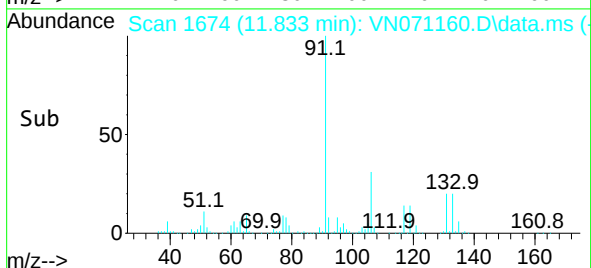
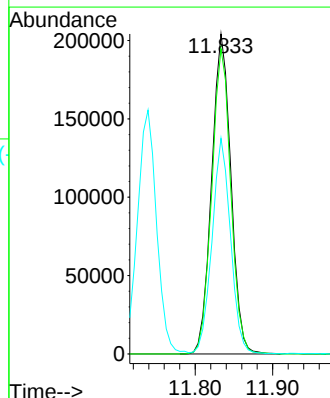
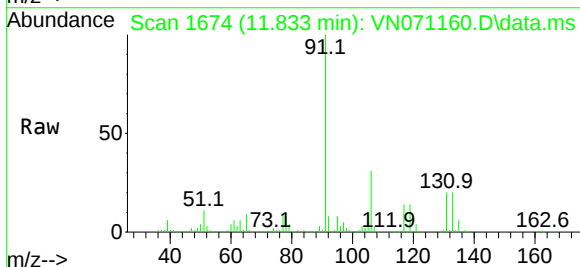
Manual Integrations
APPROVED

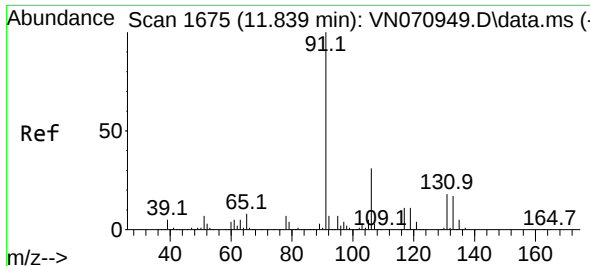
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.646 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

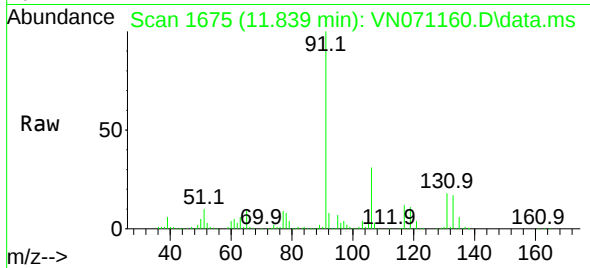
Tgt Ion:131 Resp: 352805
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.7
119 64.7 32.1 96.5





#67
Ethyl Benzene
Concen: 54.116 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

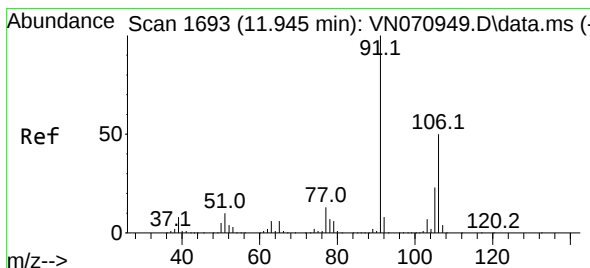
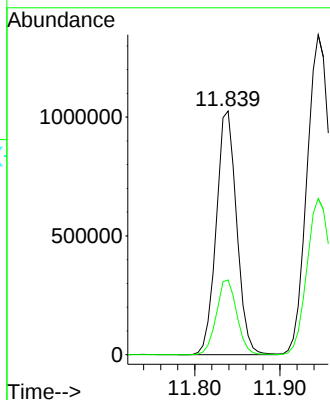
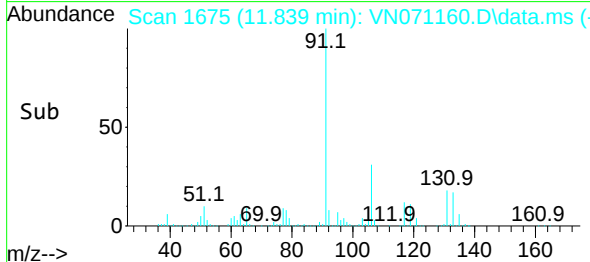
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



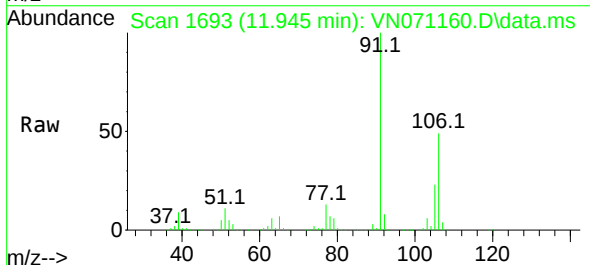
Tgt Ion: 91 Resp: 1708820
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

Manual Integrations
APPROVED

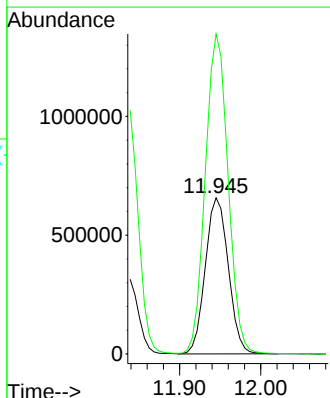
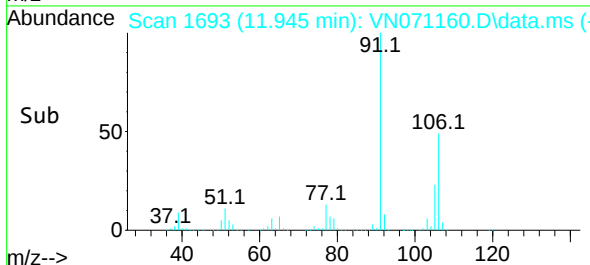
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

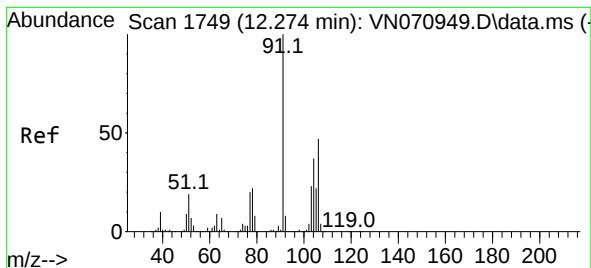


#68
m/p-Xylenes
Concen: 105.996 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



Tgt Ion:106 Resp: 1292857
Ion Ratio Lower Upper
106 100
91 203.2 160.6 240.8





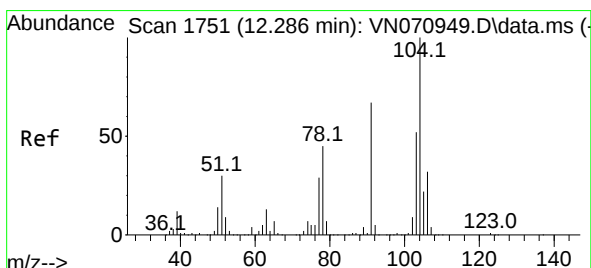
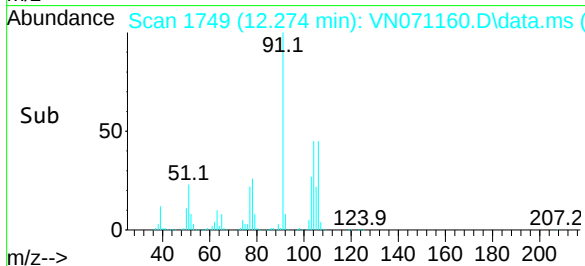
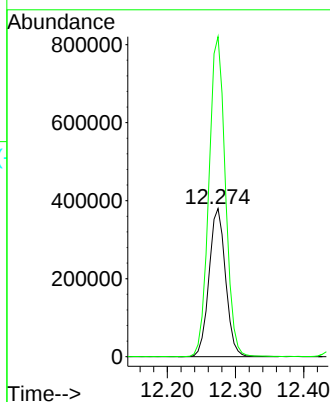
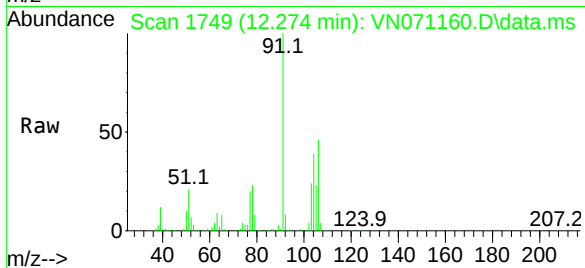
#69
o-Xylene
Concen: 53.740 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 640302
Ion Ratio Lower Upper
106 100
91 215.2 105.8 317.3

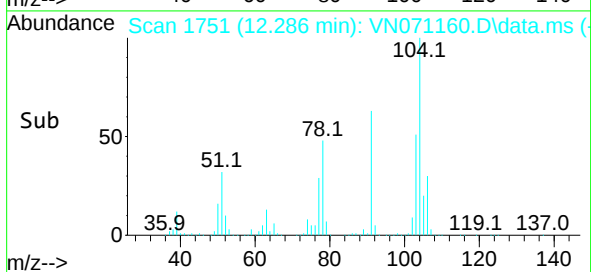
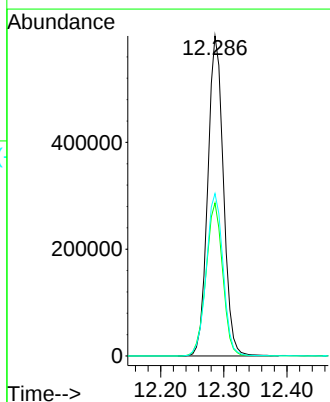
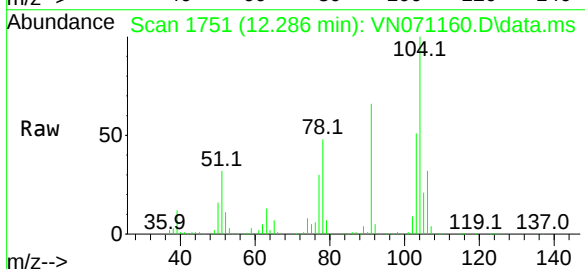
Manual Integrations
APPROVED

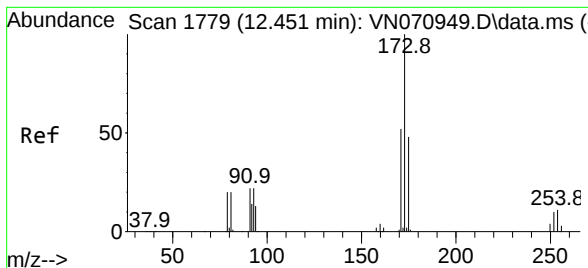
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#70
Styrene
Concen: 54.436 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

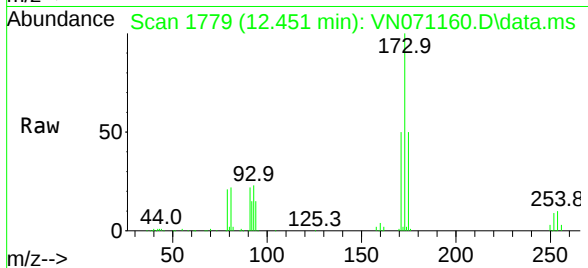
Tgt Ion:104 Resp: 1031322
Ion Ratio Lower Upper
104 100
78 50.8 38.7 58.1
103 54.6 45.0 67.6





#71
Bromoform
Concen: 51.066 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

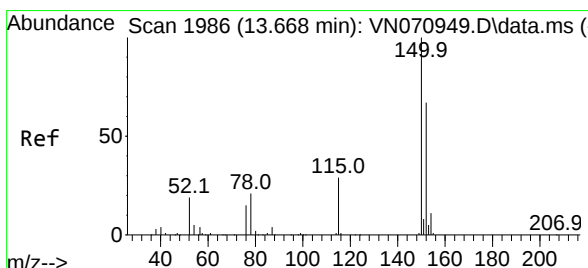
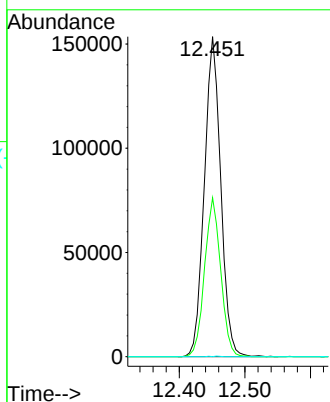
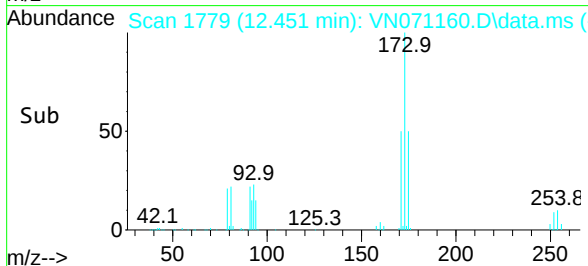
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



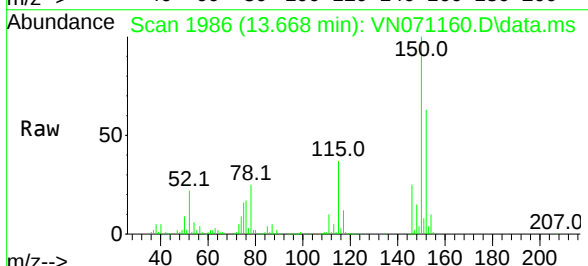
Tgt Ion:173 Resp: 26746
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
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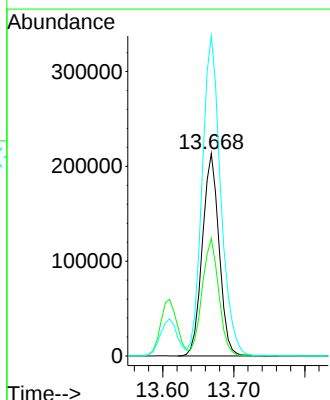
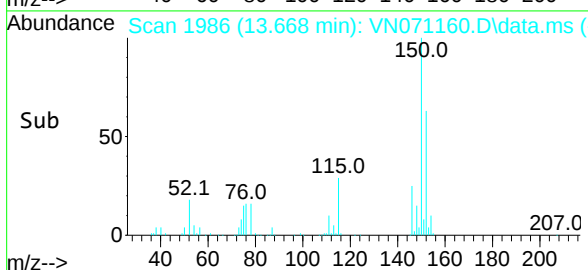
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

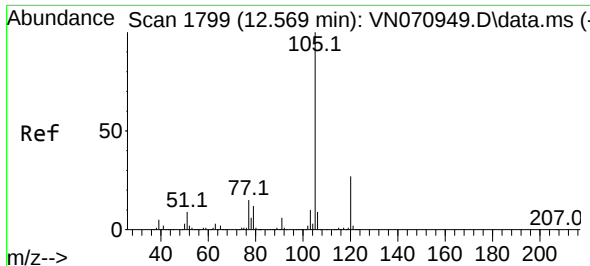


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



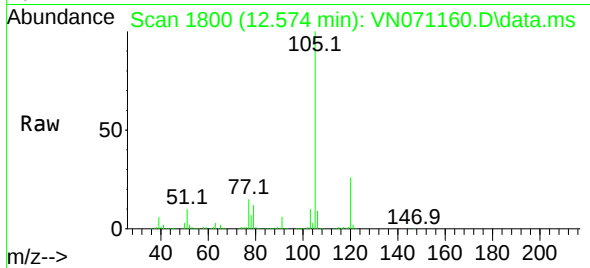
Tgt Ion:152 Resp: 350004
Ion Ratio Lower Upper
152 100
115 58.2 27.5 82.5
150 175.2 0.0 344.4





#73
Isopropylbenzene
Concen: 59.515 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

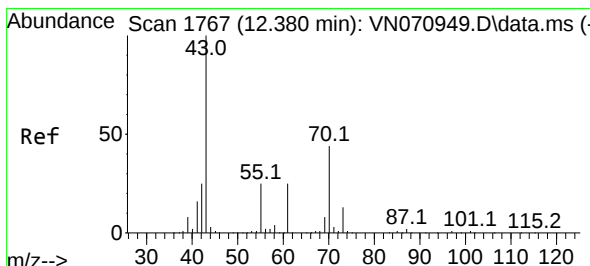
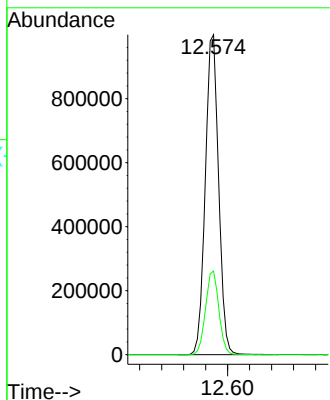
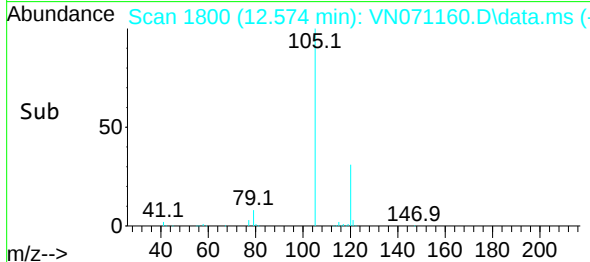
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 167668
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

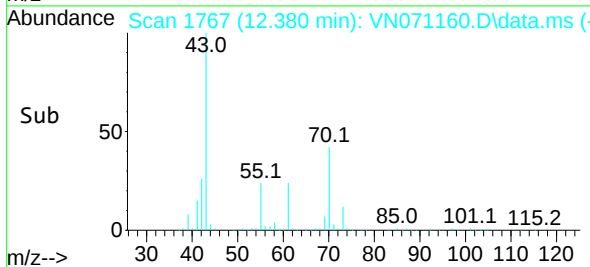
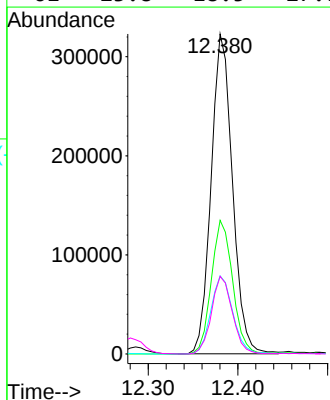
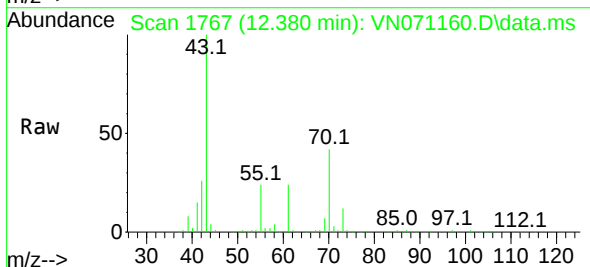
Manual Integrations
APPROVED

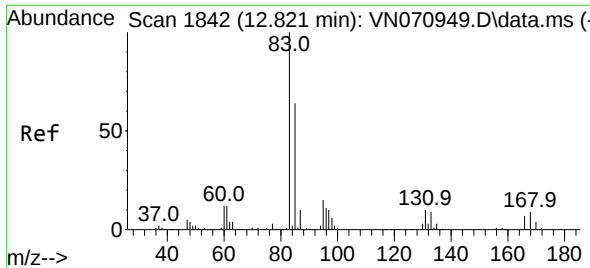
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#74
N-amy1 acetate
Concen: 59.200 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

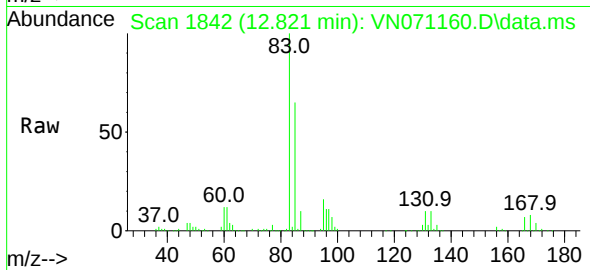
Tgt Ion: 43 Resp: 533115
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.0
55 25.2 19.3 28.9
61 23.8 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.646 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

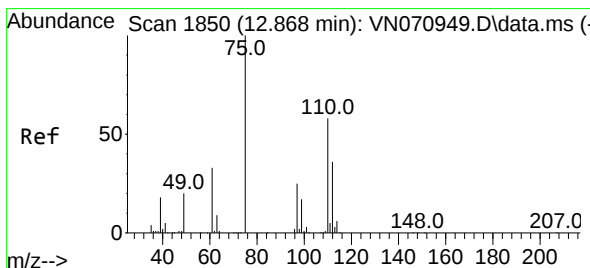
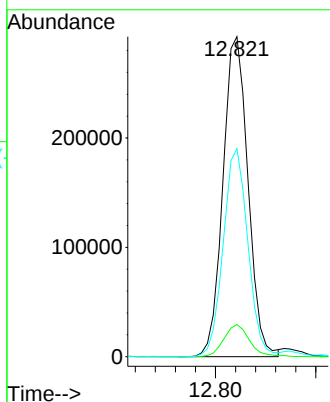
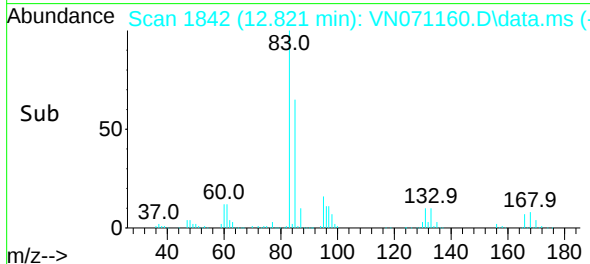
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



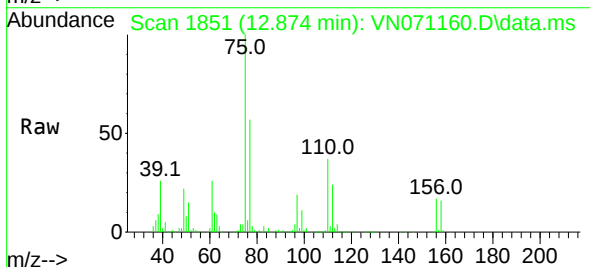
Tgt Ion: 83 Resp: 50712
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 64.0 32.4 97.2

Manual Integrations
APPROVED

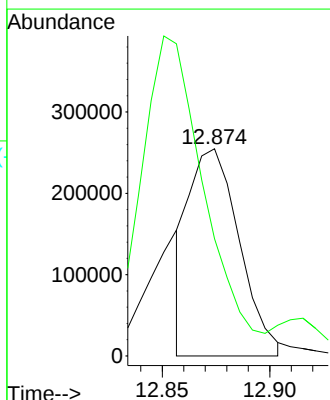
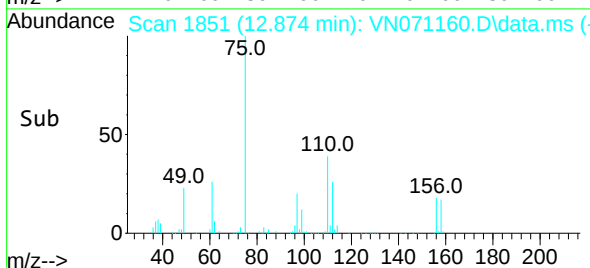
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

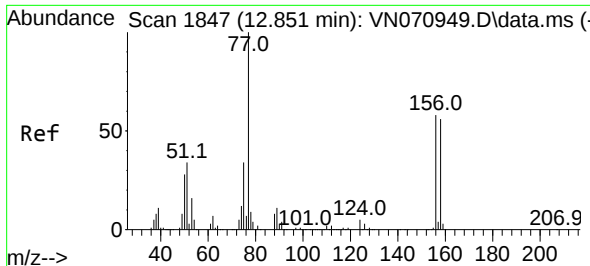


#76
1,2,3-Trichloropropane
Concen: 50.222 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



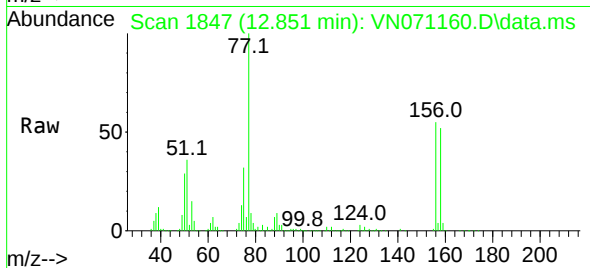
Tgt Ion: 75 Resp: 413877
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 56.026 ug/l
RT: 12.851 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

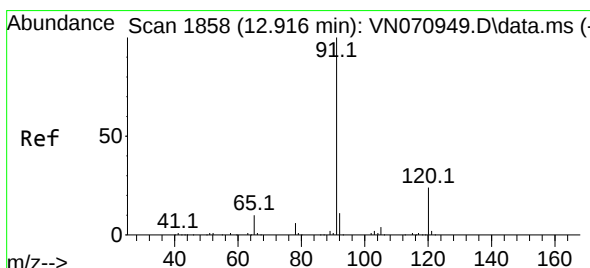
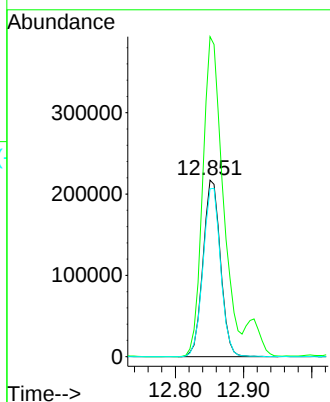
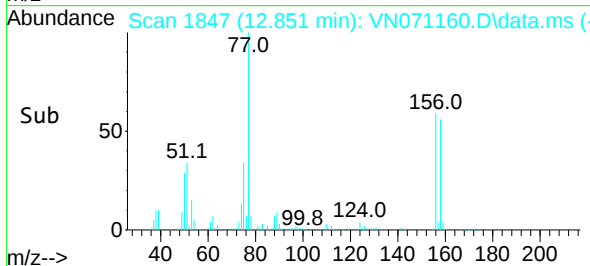
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 386394
Ion Ratio Lower Upper
156 100
77 210.1 90.6 271.8
158 96.3 48.9 146.7

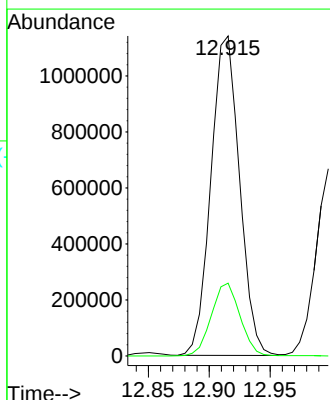
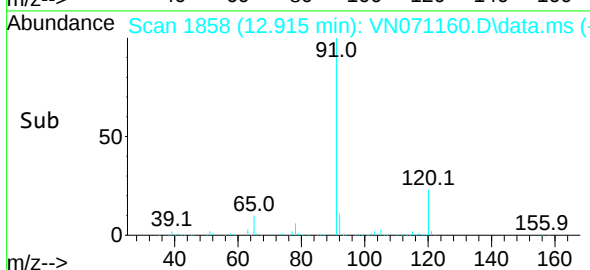
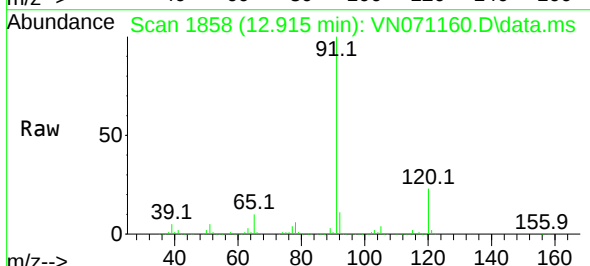
Manual Integrations
APPROVED

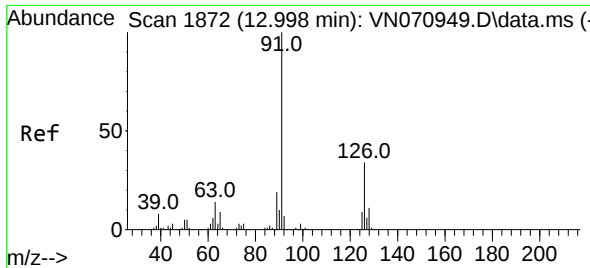
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#78
n-propylbenzene
Concen: 59.055 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Tgt Ion: 91 Resp: 1869265
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





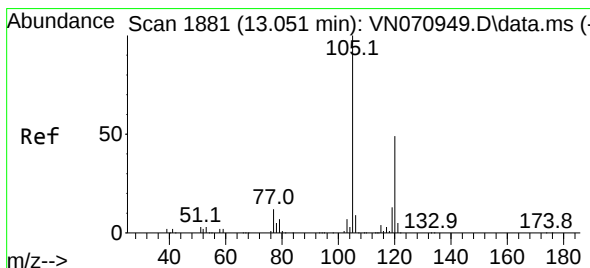
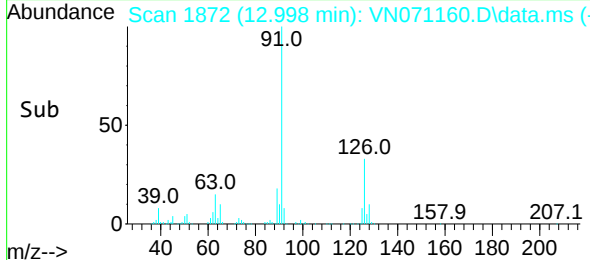
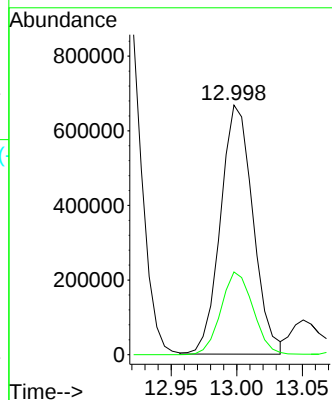
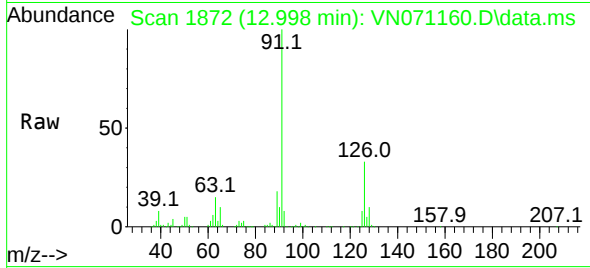
#79
2-Chlorotoluene
Concen: 59.841 ug/l
RT: 12.998 min Scan# 1872
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1150278
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

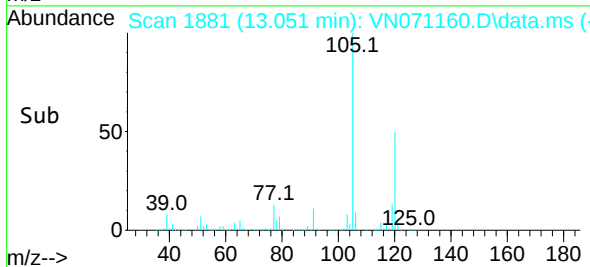
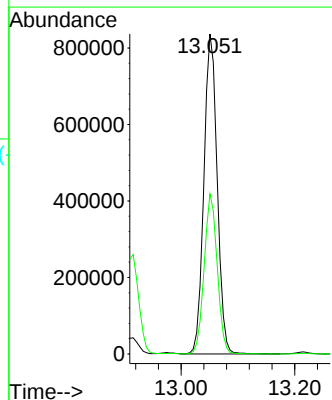
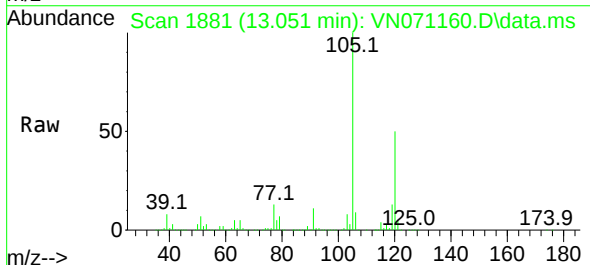
Manual Integrations
APPROVED

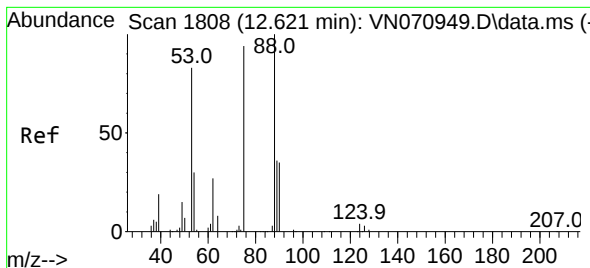
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 59.396 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

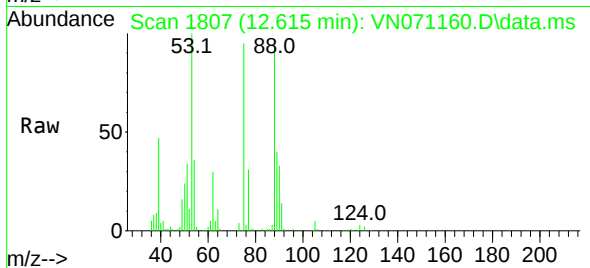
Tgt Ion:105 Resp: 1355636
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 53.319 ug/l
RT: 12.615 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

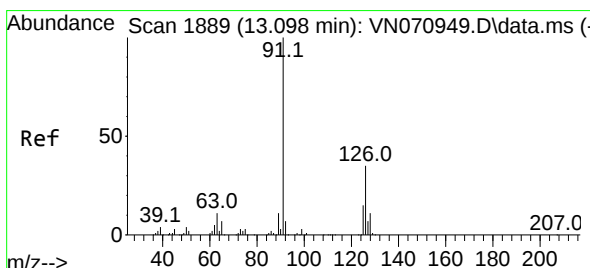
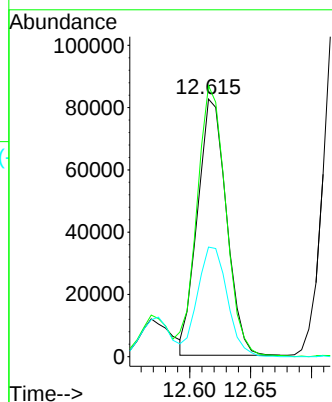
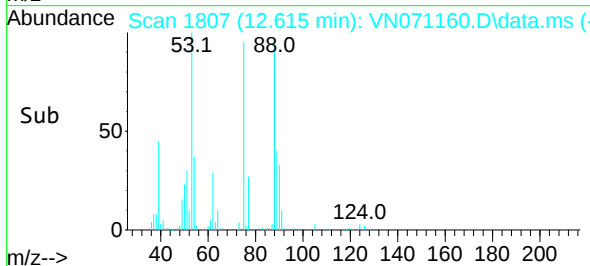
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 135590
Ion Ratio Lower Upper
75 100
53 107.4 90.5 135.7
89 44.4 38.2 57.4

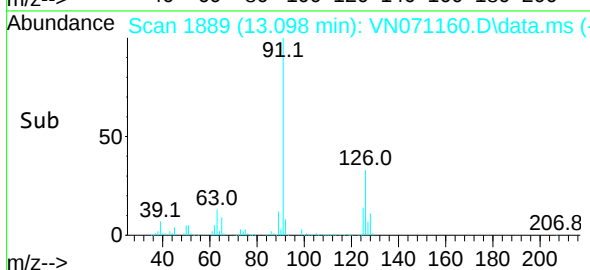
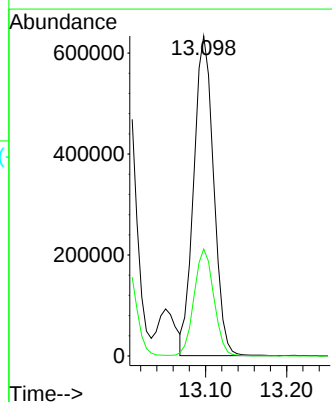
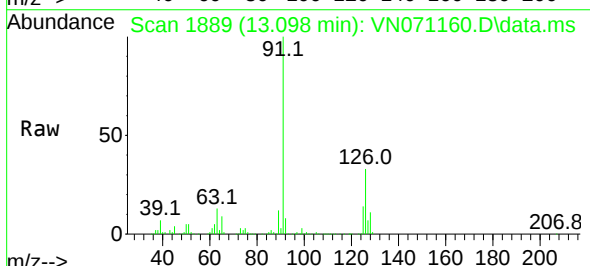
Manual Integrations
APPROVED

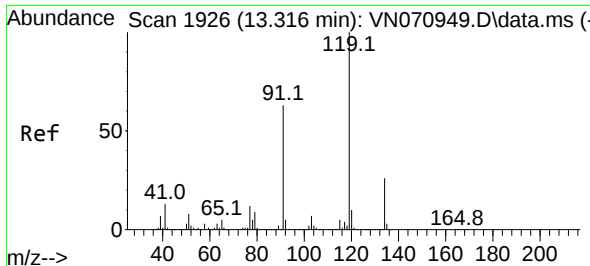
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#82
4-Chlorotoluene
Concen: 57.620 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

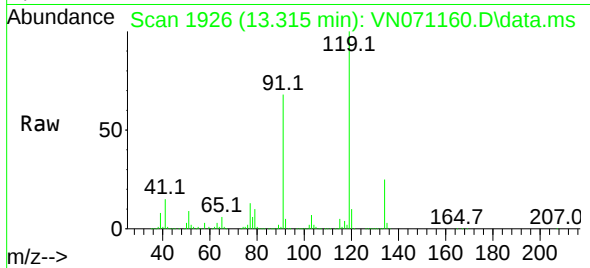
Tgt Ion: 91 Resp: 1075153
Ion Ratio Lower Upper
91 100
126 33.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 54.961 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

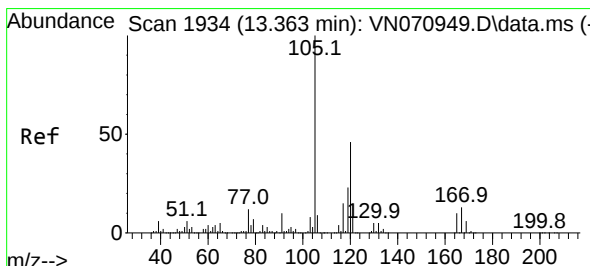
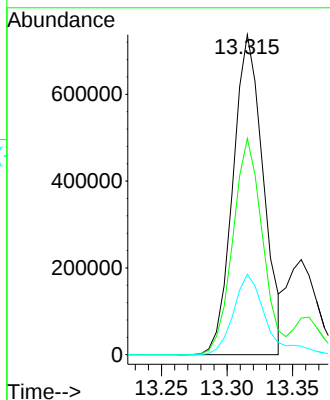
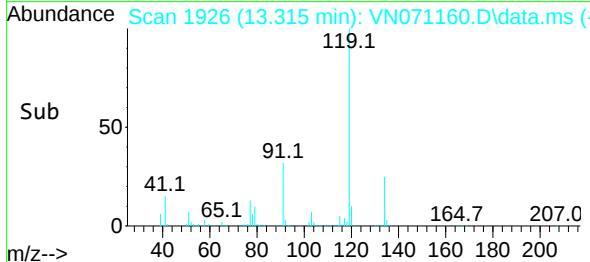
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



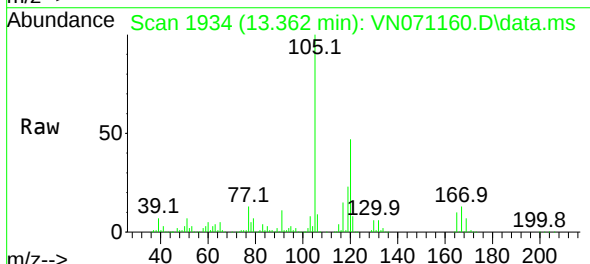
Tgt Ion:119 Resp: 118967
Ion Ratio Lower Upper
119 100
91 66.3 31.5 94.5
134 26.9 12.4 37.4

Manual Integrations
APPROVED

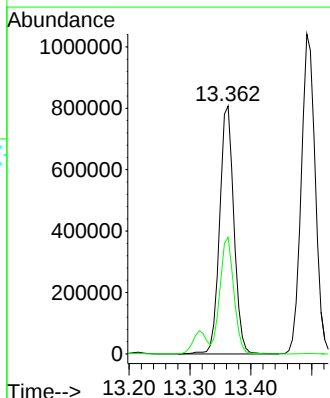
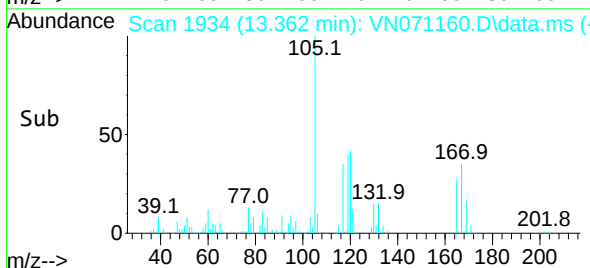
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

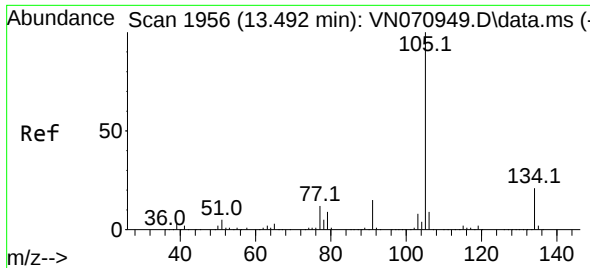


#84
1,2,4-Trimethylbenzene
Concen: 58.391 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



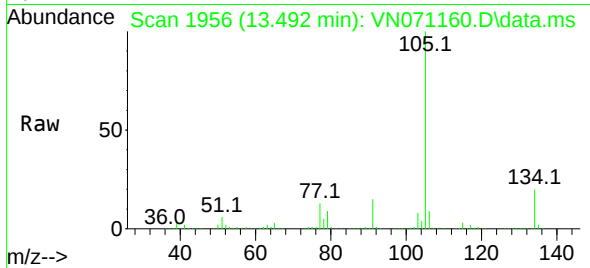
Tgt Ion:105 Resp: 1311904
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 58.216 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN071160.D
 Acq: 04 Mar 2022 10:21

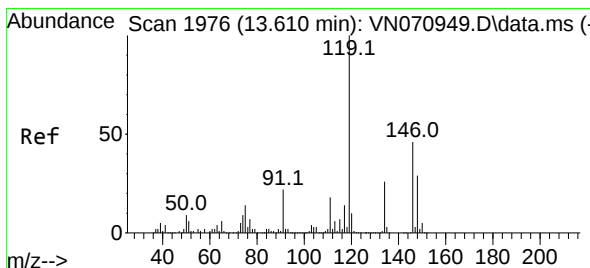
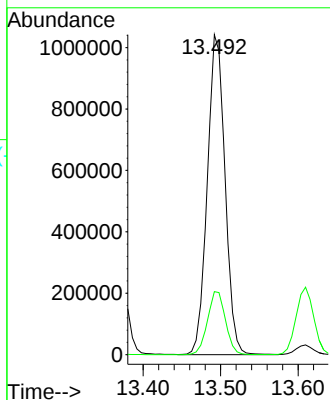
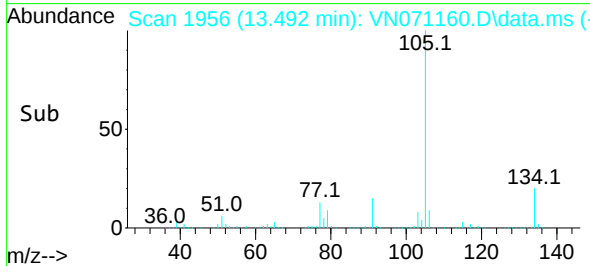
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



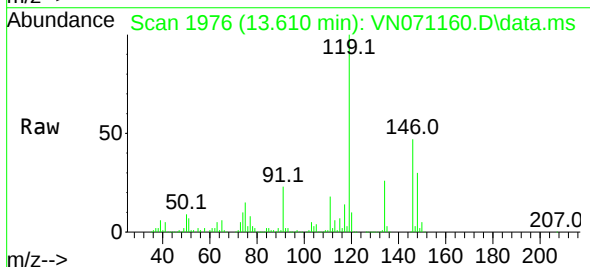
Tgt Ion:105 Resp: 166043
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.1

Manual Integrations
 APPROVED

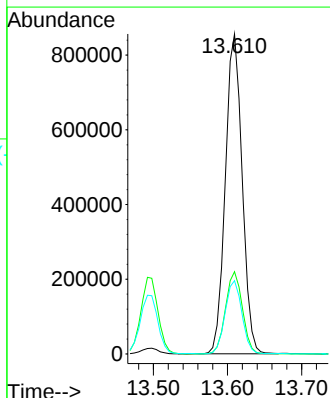
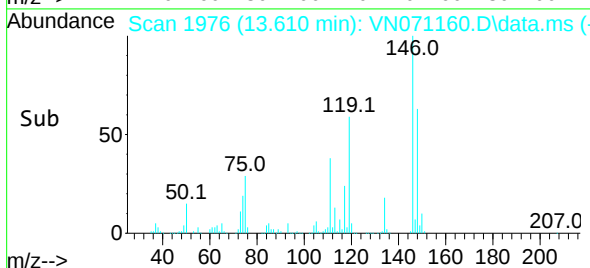
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022

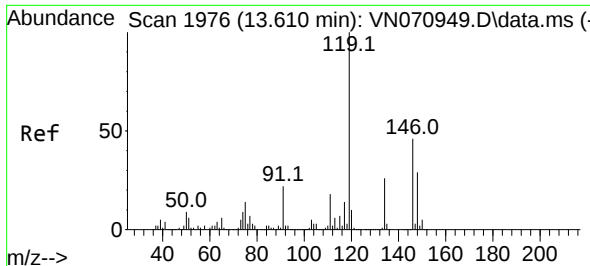


#86
 p-Isopropyltoluene
 Concen: 57.563 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071160.D
 Acq: 04 Mar 2022 10:21



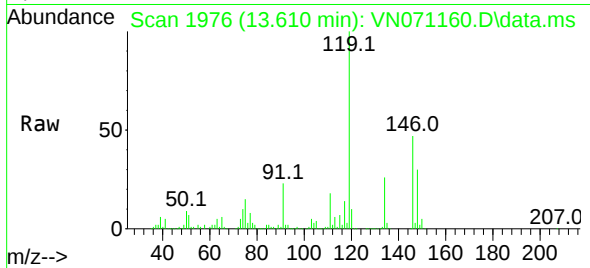
Tgt Ion:119 Resp: 1347792
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 22.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 53.815 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

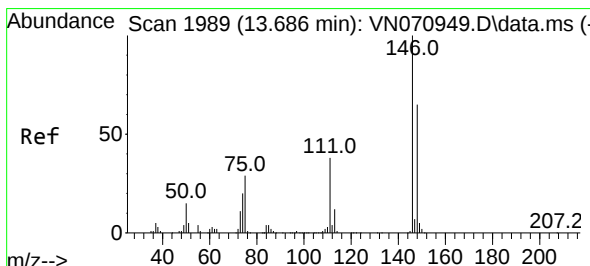
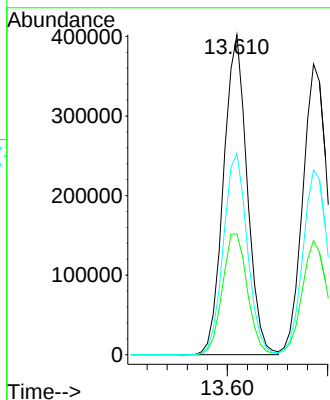
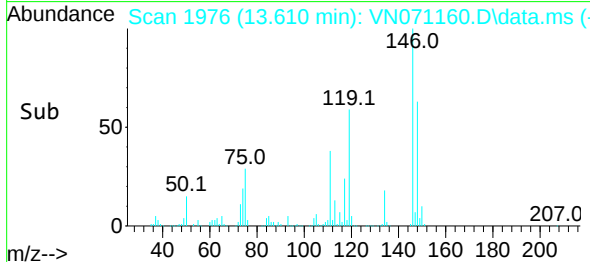
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



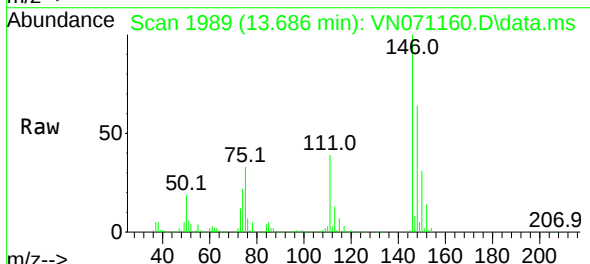
Tgt Ion:146 Resp: 656998
Ion Ratio Lower Upper
146 100
111 40.1 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
APPROVED

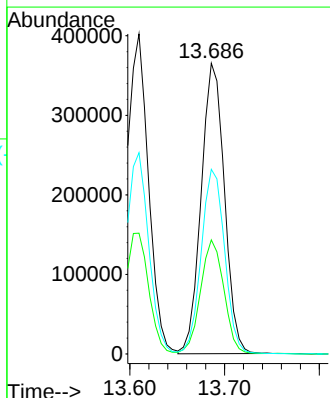
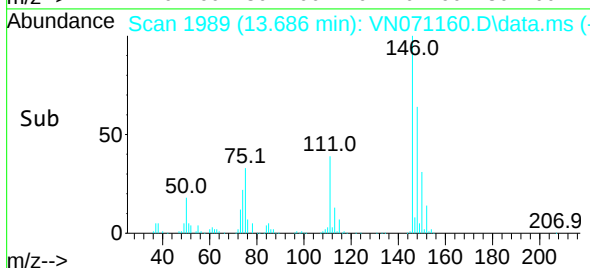
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

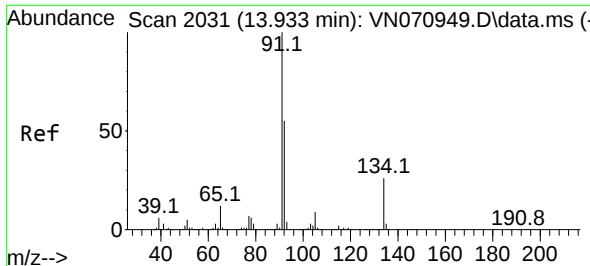


#88
1,4-Dichlorobenzene
Concen: 51.975 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



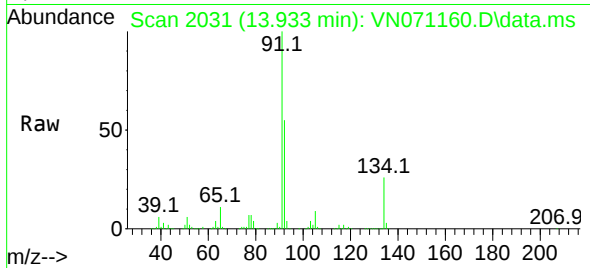
Tgt Ion:146 Resp: 621694
Ion Ratio Lower Upper
146 100
111 39.2 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 53.246 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

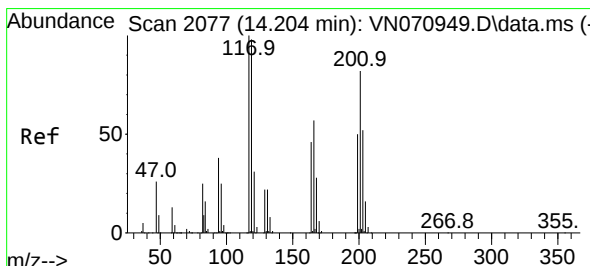
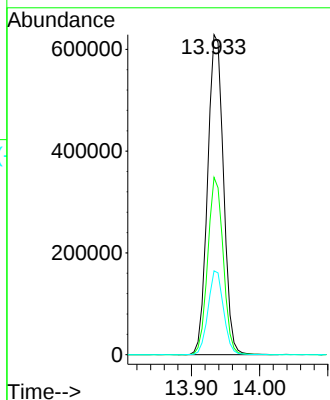
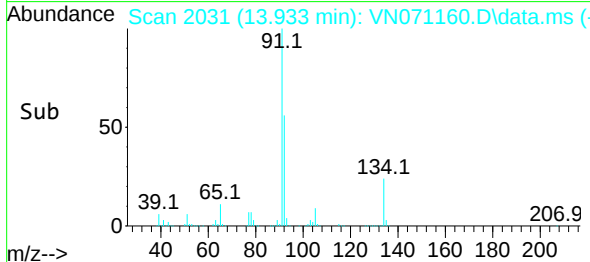
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1017140
Ion Ratio Lower Upper
91 100
92 54.0 25.4 76.0
134 25.6 13.6 40.8

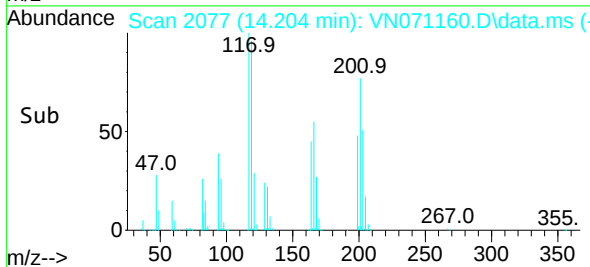
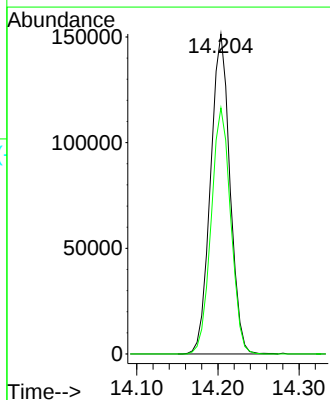
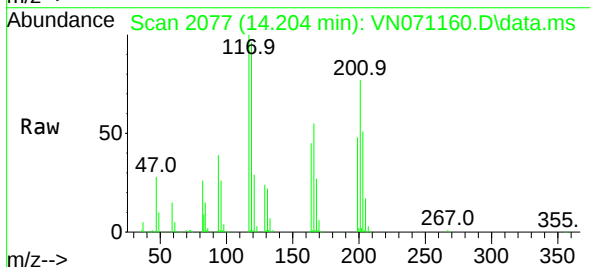
Manual Integrations
APPROVED

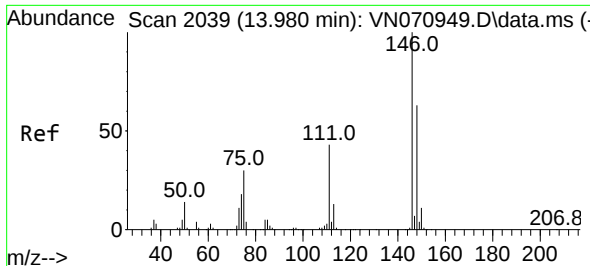
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#90
Hexachloroethane
Concen: 60.243 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

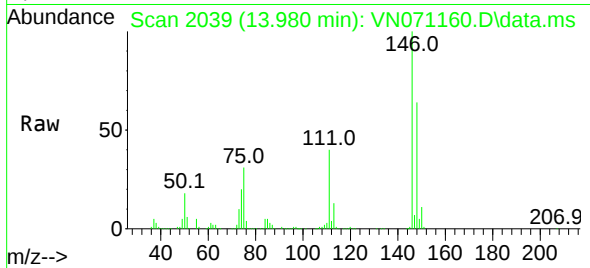
Tgt Ion:117 Resp: 251902
Ion Ratio Lower Upper
117 100
201 77.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 53.772 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

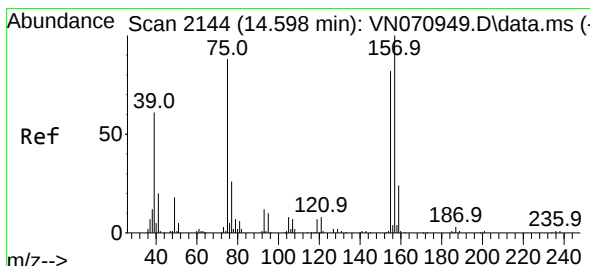
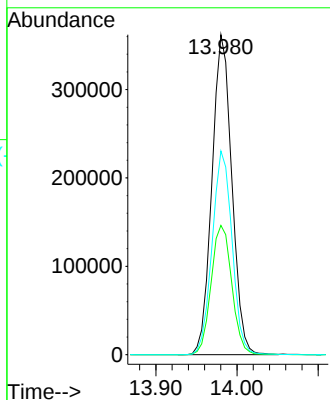
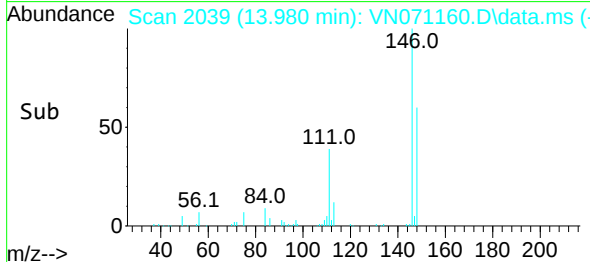
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 61645
Ion Ratio Lower Upper
146 100
111 42.0 19.1 57.3
148 63.8 32.1 96.3

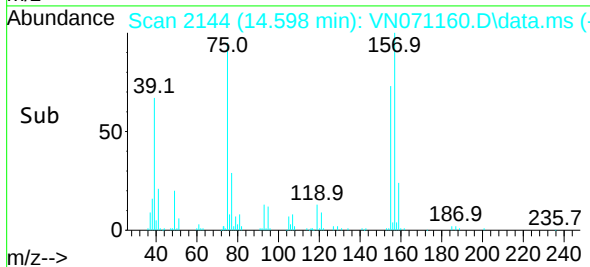
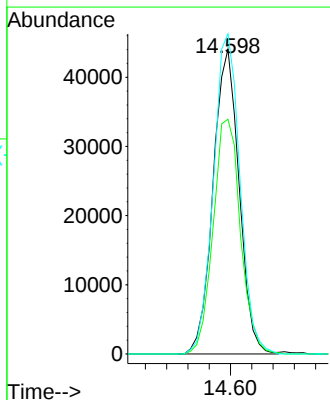
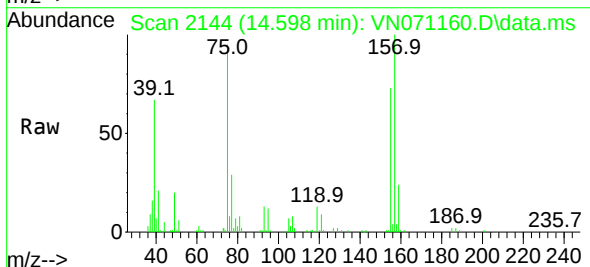
Manual Integrations
APPROVED

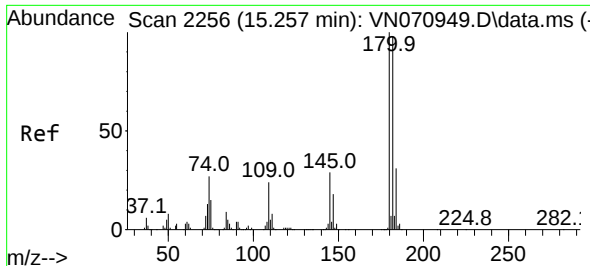
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.418 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

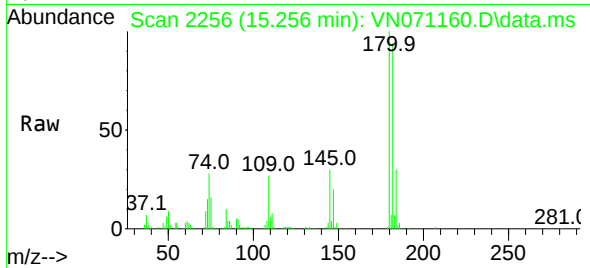
Tgt Ion: 75 Resp: 74581
Ion Ratio Lower Upper
75 100
155 80.8 46.9 140.7
157 107.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 39.345 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

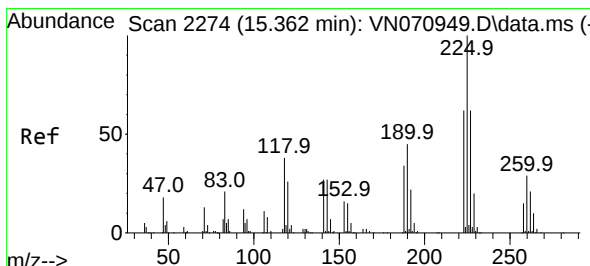
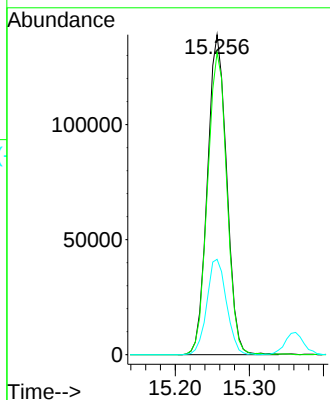
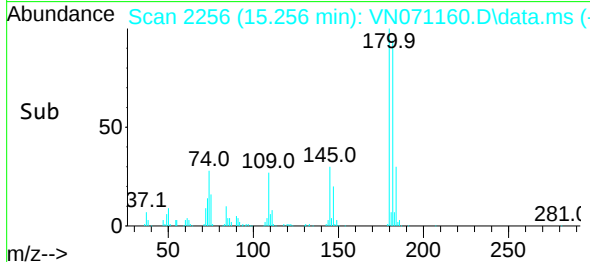
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



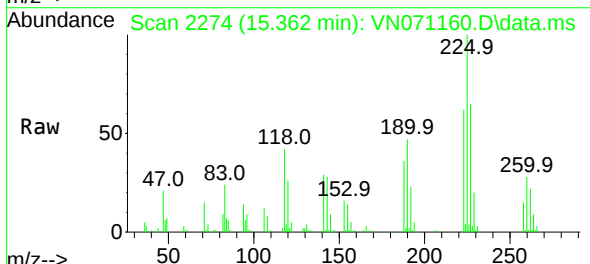
Tgt Ion:180 Resp: 250672
Ion Ratio Lower Upper
180 100
182 94.8 48.3 144.9
145 30.5 14.5 43.5

Manual Integrations
APPROVED

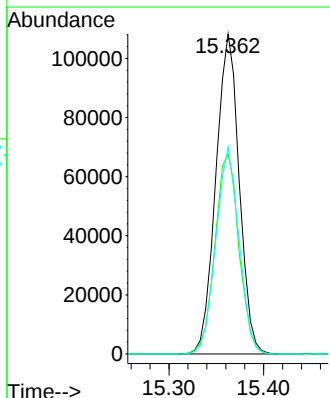
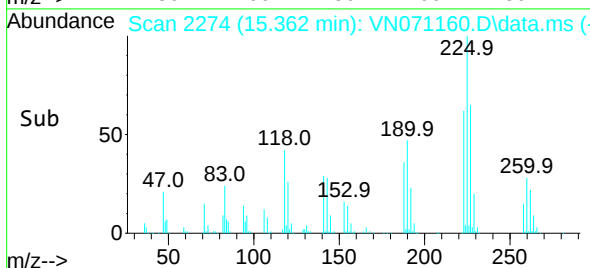
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

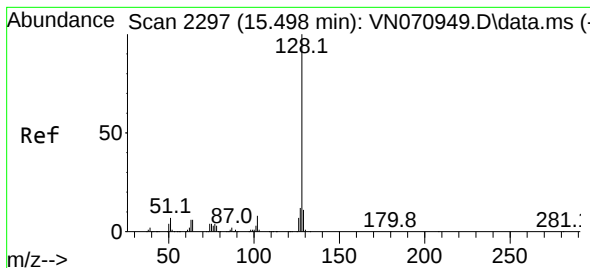


#94
Hexachlorobutadiene
Concen: 44.359 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



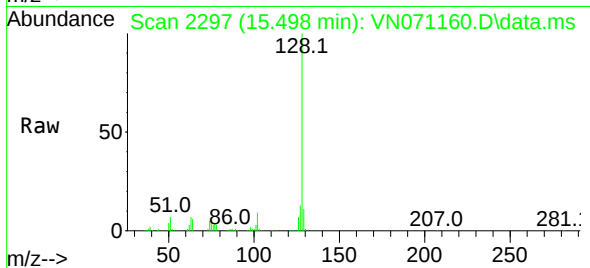
Tgt Ion:225 Resp: 185444
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.7
227 63.7 32.1 96.3





#95
Naphthalene
Concen: 33.535 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21

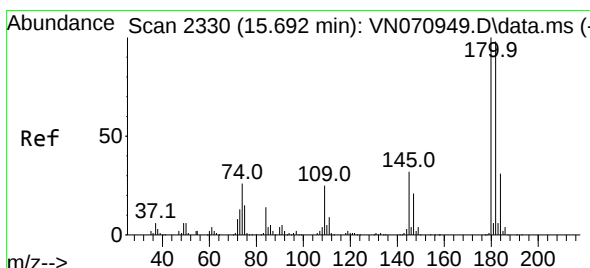
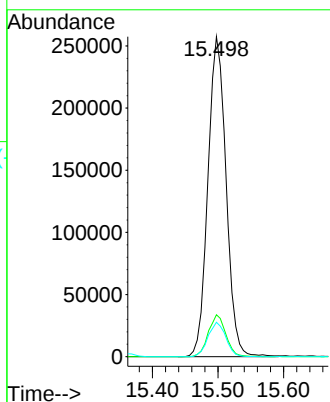
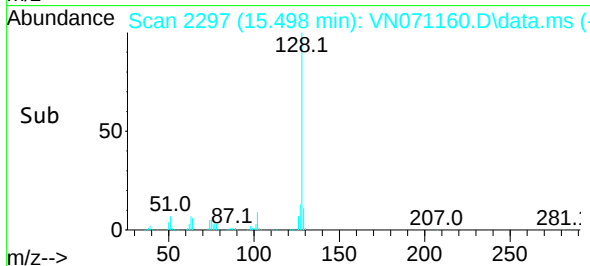
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



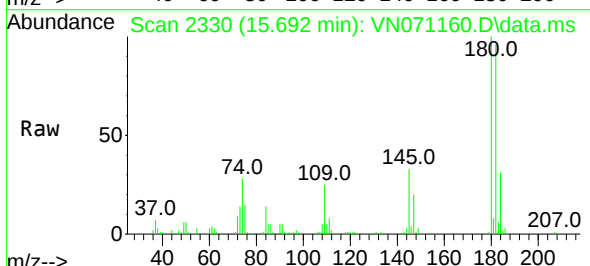
Tgt Ion:128 Resp: 496192
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#96
1,2,3-Trichlorobenzene
Concen: 38.516 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071160.D
Acq: 04 Mar 2022 10:21



Tgt Ion:180 Resp: 225184
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 31.6 15.0 45.1

