

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030222\
 Data File : VN071142.D
 Acq On : 02 Mar 2022 17:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Mar 03 03:39:07 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	8.081	168	597864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	954698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	890104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	376802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	379627	55.586	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.180%			
35) Dibromofluoromethane	8.016	113	298163	52.507	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.020%			
50) Toluene-d8	10.434	98	1166351	51.145	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.300%			
62) 4-Bromofluorobenzene	12.727	95	413249	50.697	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	294493	47.425	ug/l	98
3) Chloromethane	2.299	50	399973	51.245	ug/l	100
4) Vinyl Chloride	2.446	62	382119	48.906	ug/l	100
5) Bromomethane	2.834	94	204307	46.031	ug/l	96
6) Chloroethane	3.005	64	245502	47.894	ug/l	95
7) Trichlorofluoromethane	3.369	101	520806	53.189	ug/l	95
8) Diethyl Ether	3.822	74	232816	54.695	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	304458	50.679	ug/l	95
10) Methyl Iodide	4.422	142	427278	51.354	ug/l	98
11) Tert butyl alcohol	5.357	59	419827	337.309	ug/l	98
12) 1,1-Dichloroethene	4.181	96	291019	49.720	ug/l	95
13) Acrolein	4.040	56	317827	285.770	ug/l	99
14) Allyl chloride	4.834	41	642548	57.562	ug/l #	85
15) Acrylonitrile	5.546	53	1198359	326.874	ug/l	99
16) Acetone	4.281	43	968582	257.522	ug/l	95
17) Carbon Disulfide	4.534	76	695022	41.408	ug/l	98
18) Methyl Acetate	4.852	43	551831	67.214	ug/l	96
19) Methyl tert-butyl Ether	5.604	73	1199042	58.399	ug/l	98
20) Methylene Chloride	5.099	84	363148	53.126	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	312685	49.773	ug/l	87
22) Diisopropyl ether	6.487	45	1355870	63.330	ug/l	94
23) Vinyl Acetate	6.428	43	5798067	319.922	ug/l	98
24) 1,1-Dichloroethane	6.381	63	684687	57.049	ug/l	99
25) 2-Butanone	7.328	43	1621958	324.170	ug/l	96
26) 2,2-Dichloropropane	7.322	77	517678	51.899	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	395746	54.809	ug/l	92
28) Bromochloromethane	7.651	49	298807	61.513	ug/l	85
29) Tetrahydrofuran	7.675	42	1102556	340.158	ug/l	92
30) Chloroform	7.816	83	656263	55.596	ug/l	99
31) Cyclohexane	8.092	56	625967	52.997	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	563309	55.260	ug/l	99
36) 1,1-Dichloropropene	8.216	75	485044	52.136	ug/l	97
37) Ethyl Acetate	7.404	43	669918	67.143	ug/l	98
38) Carbon Tetrachloride	8.204	117	481525	52.530	ug/l	99
39) Methylcyclohexane	9.457	83	587037	49.038	ug/l	95
40) Benzene	8.451	78	1485491	53.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	331823	63.145	ug/l	88
42) 1,2-Dichloroethane	8.522	62	533348	56.906	ug/l	100
43) Isopropyl Acetate	8.551	43	1045393	66.472	ug/l	96
44) Trichloroethene	9.210	130	354136	48.869	ug/l	97
45) 1,2-Dichloropropane	9.486	63	412555	58.525	ug/l	97
46) Dibromomethane	9.569	93	253502	54.646	ug/l	97
47) Bromodichloromethane	9.757	83	521677	55.642	ug/l	98
48) Methyl methacrylate	9.557	41	492757	66.195	ug/l #	82
49) 1,4-Dioxane	9.563	88	174904	1322.876	ug/l	88
51) 4-Methyl-2-Pentanone	10.322	43	3277226	342.498	ug/l	99
52) Toluene	10.498	92	934497	54.041	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	577214	56.619	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	631339	56.390	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	378983	55.990	ug/l	99
56) Ethyl methacrylate	10.757	69	643699	63.118	ug/l	91
57) 1,3-Dichloropropane	11.039	76	678855	57.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.034	63	584752	256.780	ug/l	96
59) 2-Hexanone	11.081	43	2284033	347.074	ug/l	98
60) Dibromochloromethane	11.233	129	398658	55.730	ug/l	100
61) 1,2-Dibromoethane	11.339	107	379535	55.127	ug/l	100
64) Tetrachloroethene	10.975	164	302968	43.705	ug/l	96
65) Chlorobenzene	11.763	112	999485	52.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	367588	52.576	ug/l	99
67) Ethyl Benzene	11.839	91	1825004	54.364	ug/l	97
68) m/p-Xylenes	11.951	106	1375463	106.074	ug/l	99
69) o-Xylene	12.275	106	682584	53.887	ug/l	97
70) Styrene	12.286	104	1113661	55.292	ug/l	98
71) Bromoform	12.451	173	301504	54.147	ug/l #	100
73) Isopropylbenzene	12.575	105	1780268	58.698	ug/l	100
74) N-amyl acetate	12.380	43	687639	70.928	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	571800	59.329	ug/l	99
76) 1,2,3-Trichloropropane	12.875	75	433103m	48.818	ug/l	
77) Bromobenzene	12.857	156	407340	54.863	ug/l	83
78) n-propylbenzene	12.916	91	1987650	58.329	ug/l	98
79) 2-Chlorotoluene	13.004	91	1210217	58.481	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	1430764	58.229	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	169503	61.911	ug/l	91
82) 4-Chlorotoluene	13.098	91	1143454	56.922	ug/l	93
83) tert-Butylbenzene	13.322	119	1298540	55.724	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1392237	57.560	ug/l	100
85) sec-Butylbenzene	13.498	105	1757551	57.239	ug/l	100
86) p-Isopropyltoluene	13.610	119	1414730	56.125	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	685348	52.144	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	655954	50.939	ug/l	99
89) n-Butylbenzene	13.939	91	1066530	51.860	ug/l	96
90) Hexachloroethane	14.204	117	265073	58.884	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	656553	53.197	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	96169	61.586	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	301011	43.655	ug/l	98
94) Hexachlorobutadiene	15.368	225	184508	40.996	ug/l	99
95) Naphthalene	15.504	128	742818	44.684	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	282739	44.502	ug/l	99

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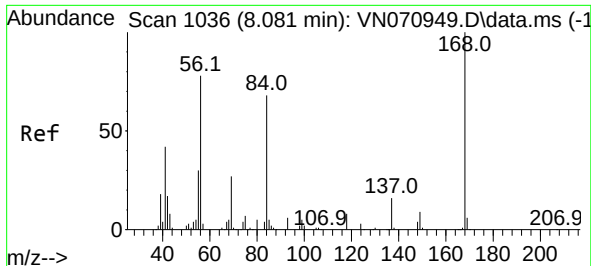
Manual Integrations
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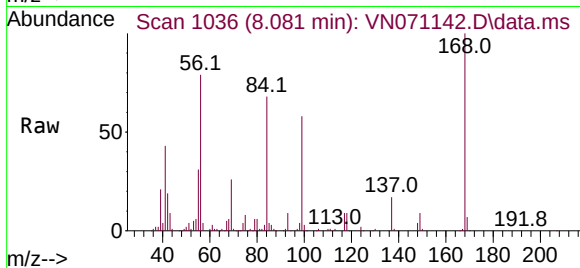
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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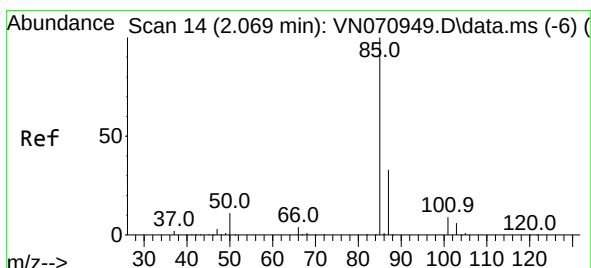
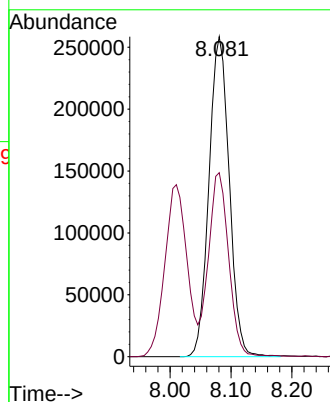
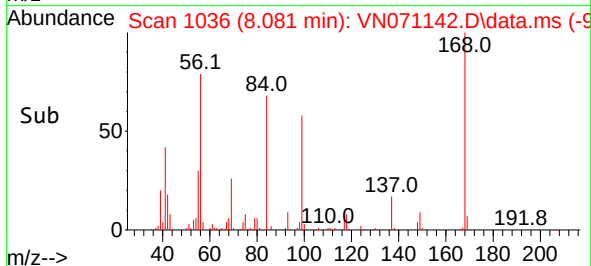
Instrument :
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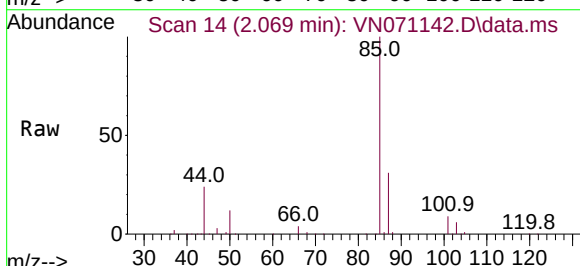
Tgt Ion:168 Resp: 597864
Ion Ratio Lower Upper
168 100
99 57.2 41.3 61.9

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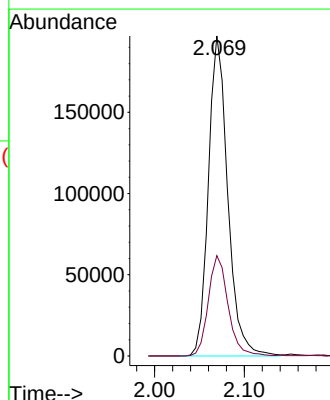
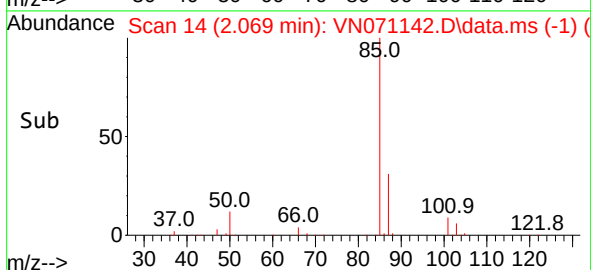
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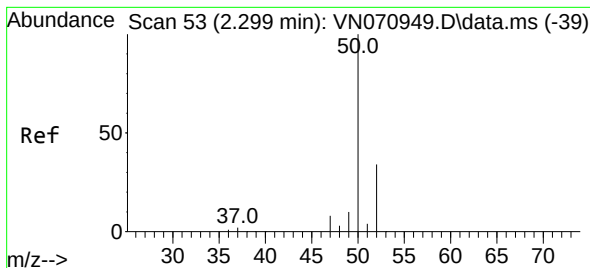


#2
Dichlorodifluoromethane
Concen: 47.425 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



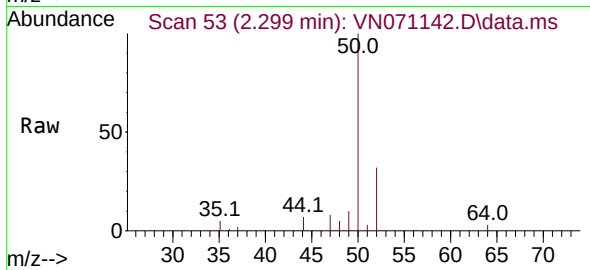
Tgt Ion: 85 Resp: 294493
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





#3
Chloromethane
Concen: 51.245 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

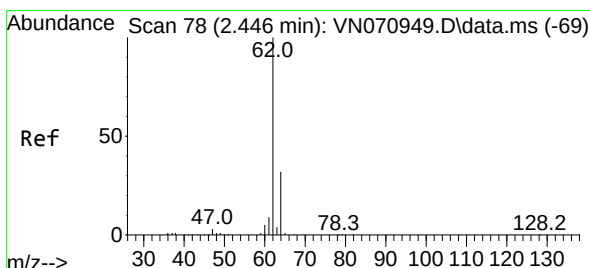
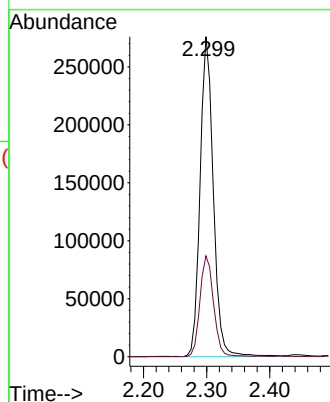
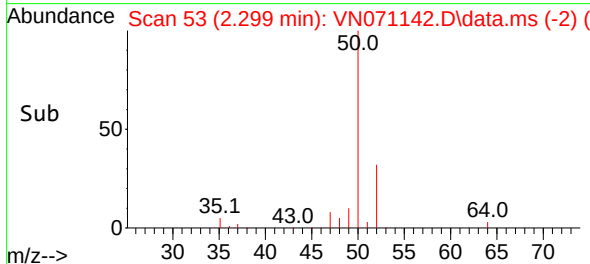
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Tgt Ion: 50 Resp: 39997
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

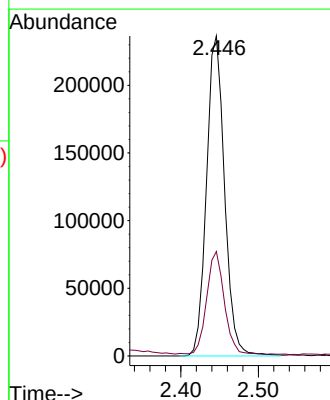
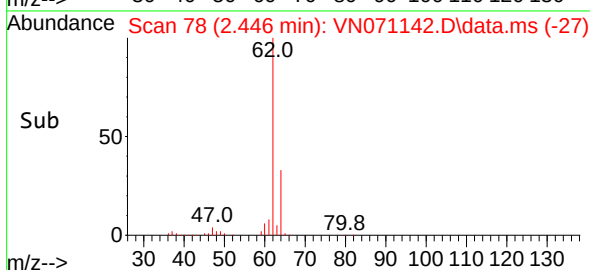
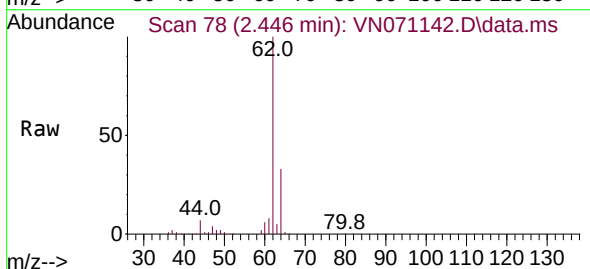
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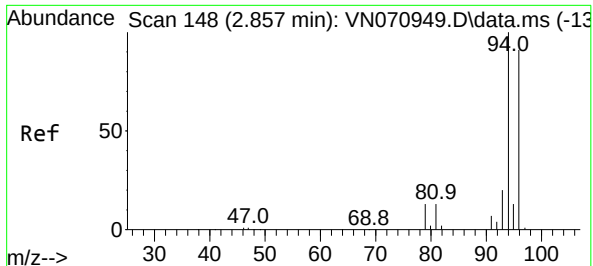
Reviewed By :John Carlone 03/03/2022
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#4
Vinyl Chloride
Concen: 48.906 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN071142.D
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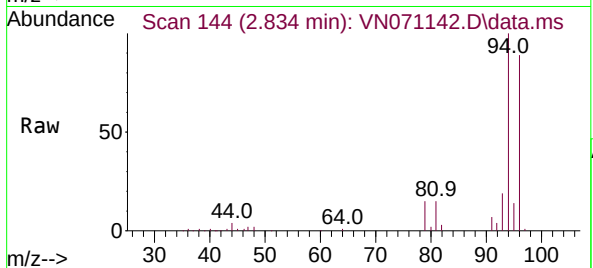
Tgt Ion: 62 Resp: 382119
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 46.031 ug/l
RT: 2.834 min Scan# 148
Delta R.T. -0.023 min
Lab File: VN071142.D
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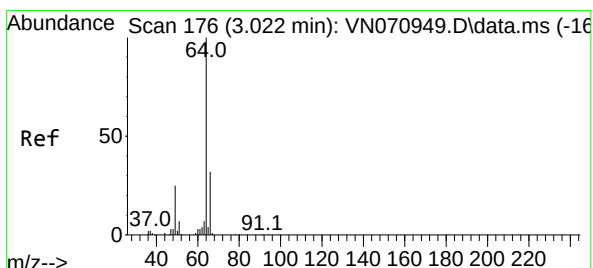
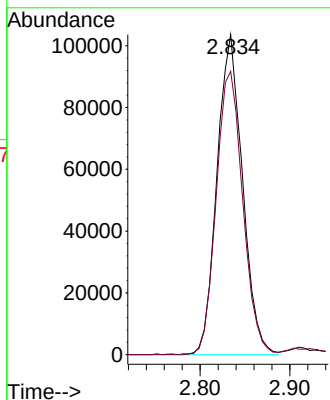
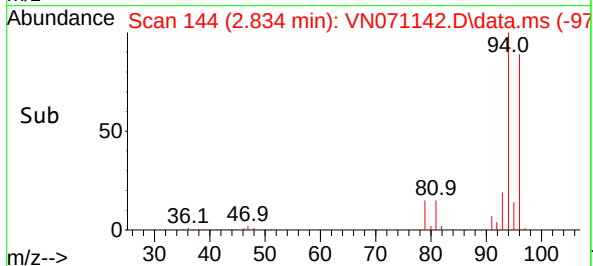
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Tgt Ion: 94 Resp: 20430
Ion Ratio Lower Upper
94 100
96 88.6 73.8 110.8

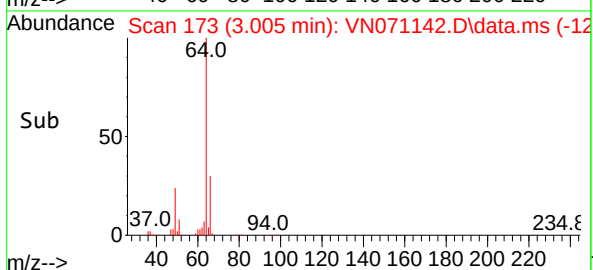
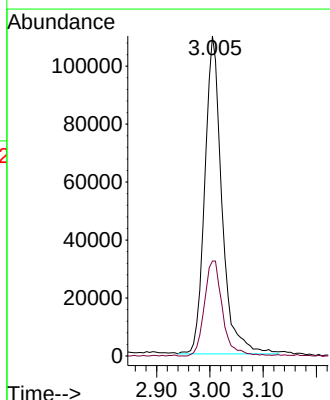
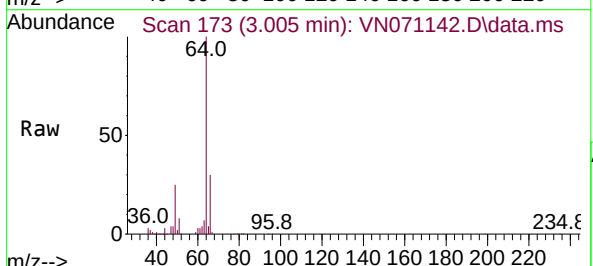
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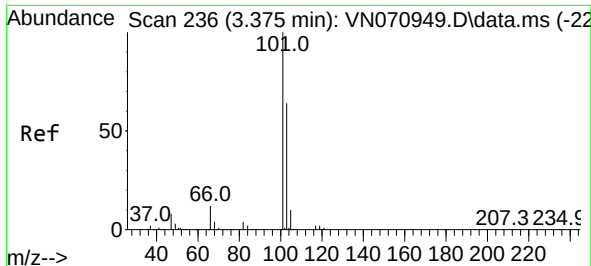
Reviewed By :John Carlone 03/03/2022
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#6
Chloroethane
Concen: 47.894 ug/l
RT: 3.005 min Scan# 173
Delta R.T. -0.018 min
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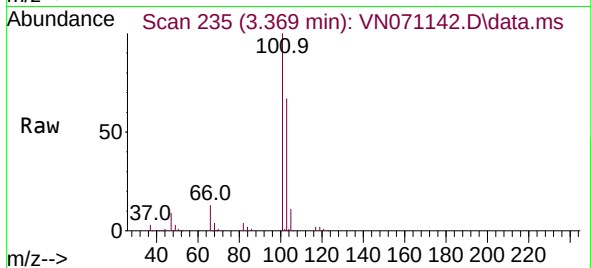
Tgt Ion: 64 Resp: 245502
Ion Ratio Lower Upper
64 100
66 29.8 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 53.189 ug/l
 RT: 3.369 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VN071142.D
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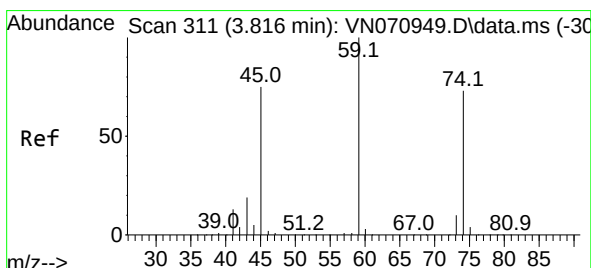
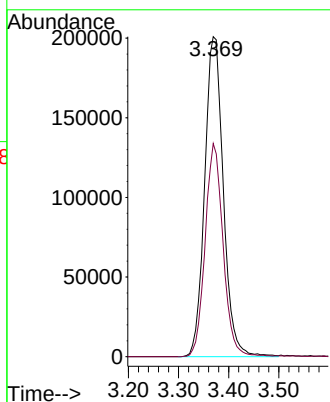
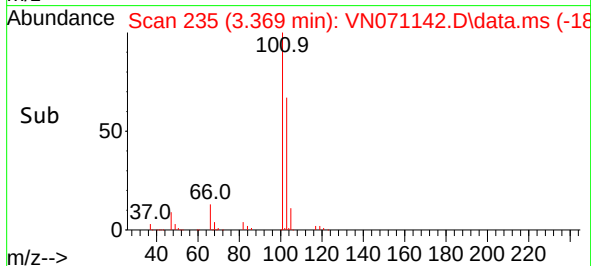
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Tgt Ion:101 Resp: 520800
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.1 75.1

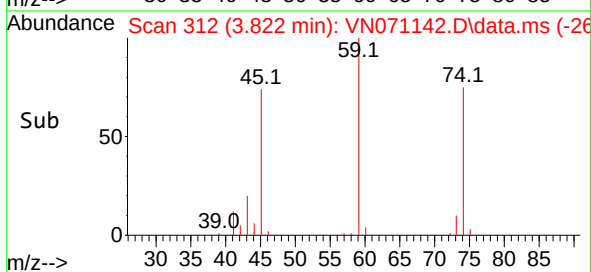
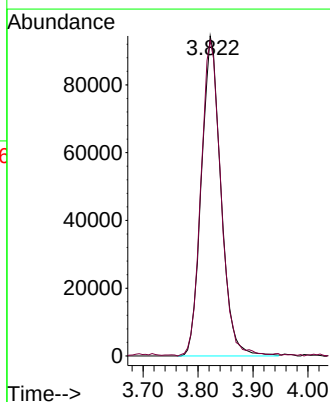
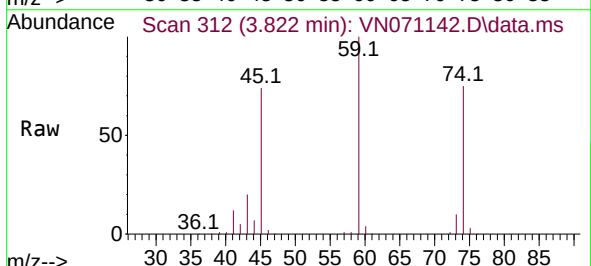
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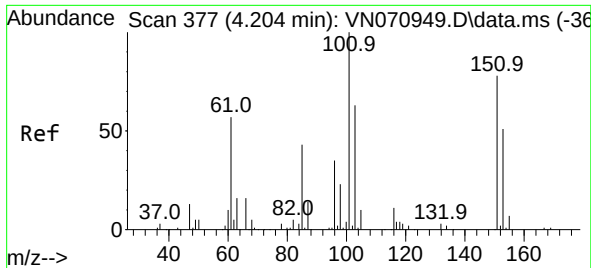
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#8
 Diethyl Ether
 Concen: 54.695 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 232816
 Ion Ratio Lower Upper
 74 100
 45 101.0 47.0 141.2





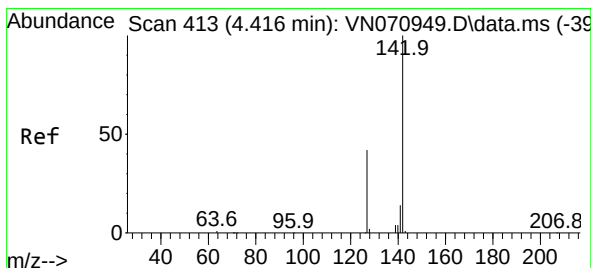
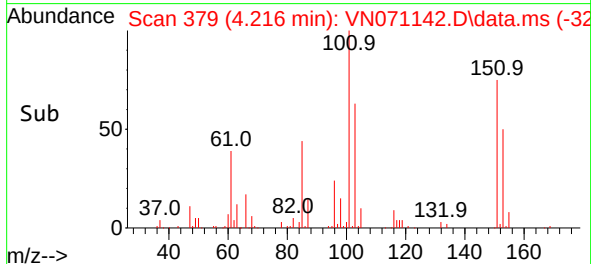
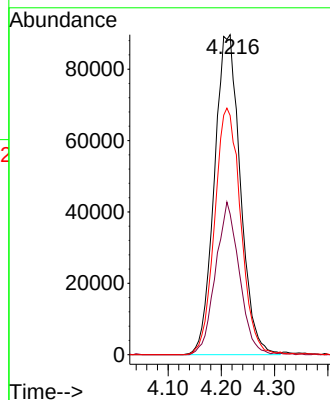
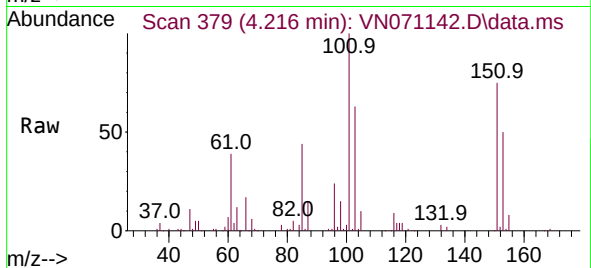
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.679 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 304458
Ion Ratio Lower Upper
101 100
85 43.7 37.2 55.8
151 77.2 65.9 98.9

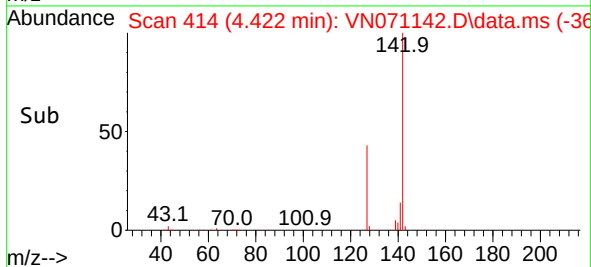
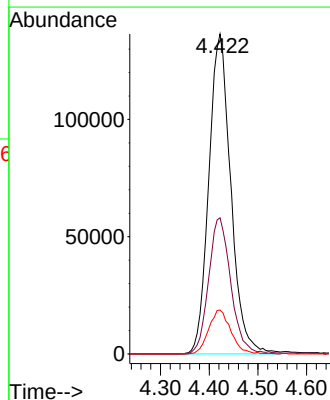
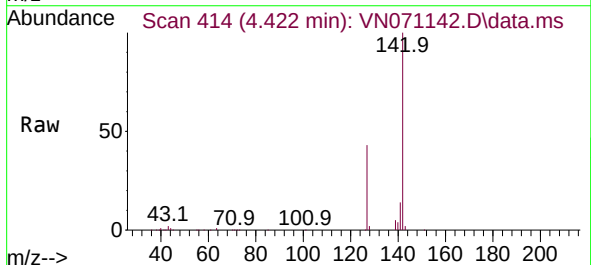
Manual Integrations
APPROVED

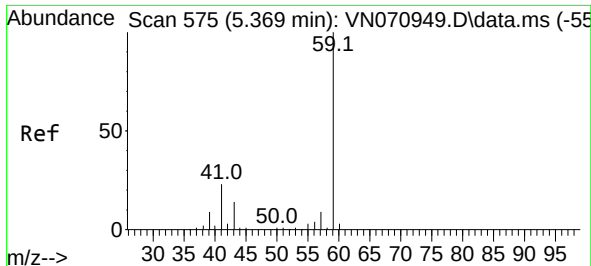
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#10
Methyl Iodide
Concen: 51.354 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Tgt Ion:142 Resp: 427278
Ion Ratio Lower Upper
142 100
127 43.1 35.4 53.0
141 13.9 11.6 17.4





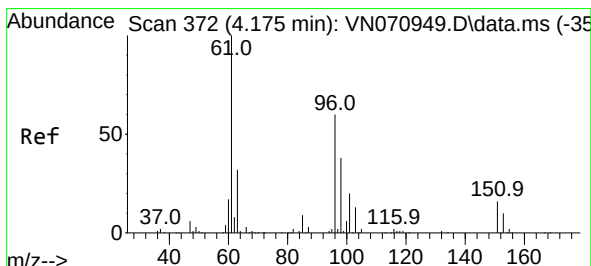
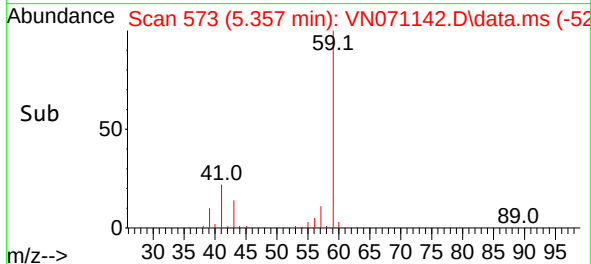
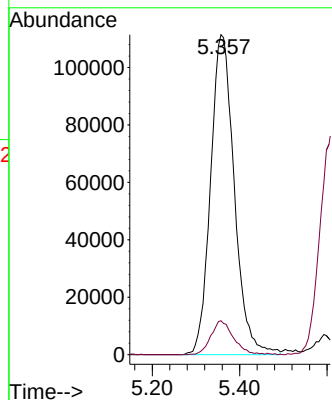
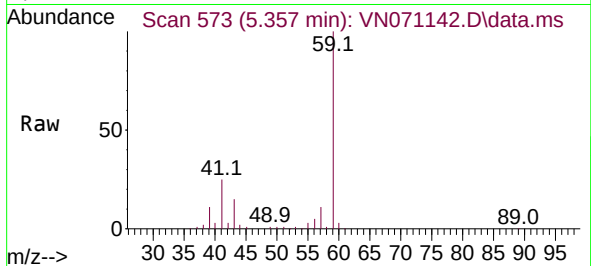
#11
Tert butyl alcohol
Concen: 337.309 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 41982
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

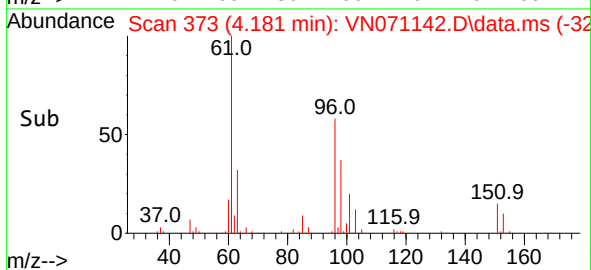
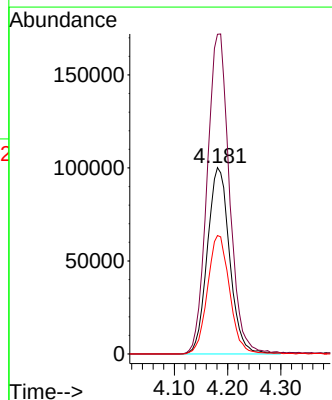
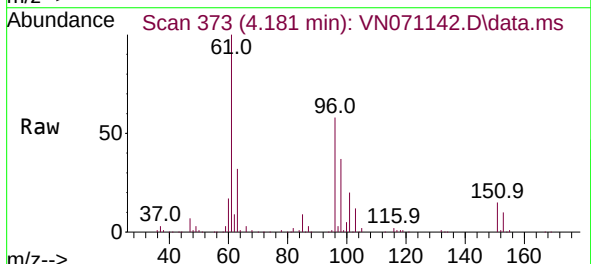
Manual Integrations
APPROVED

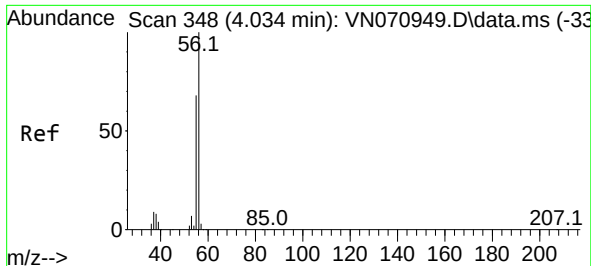
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#12
1,1-Dichloroethene
Concen: 49.720 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

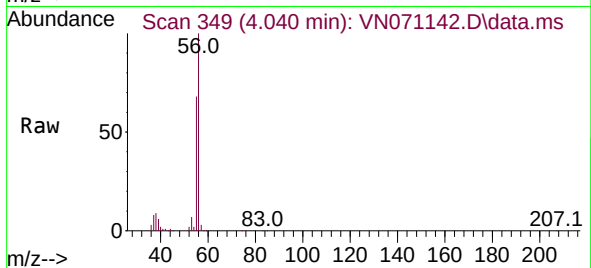
Tgt Ion: 96 Resp: 291019
Ion Ratio Lower Upper
96 100
61 171.6 131.0 196.6
98 63.6 52.4 78.6





#13
Acrolein
Concen: 285.770 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

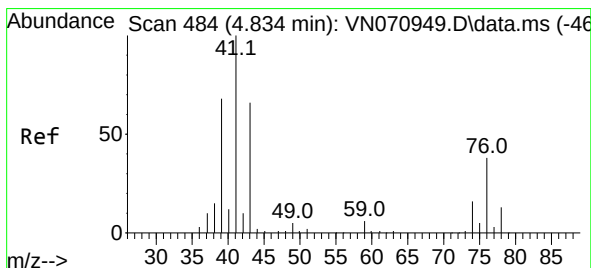
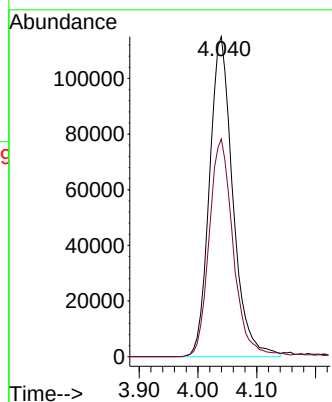
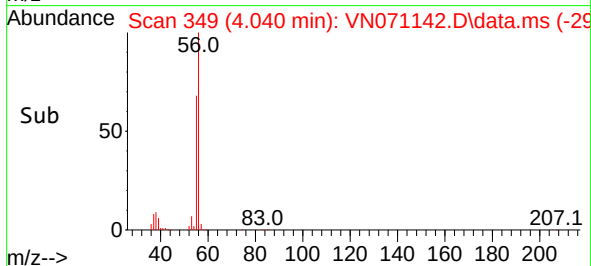
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 31782
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

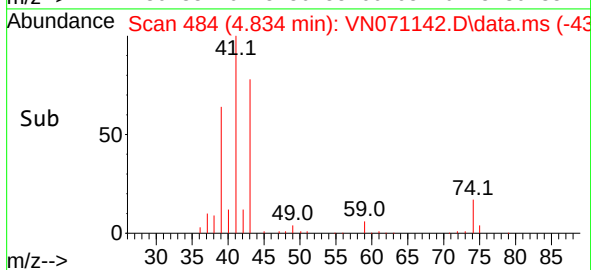
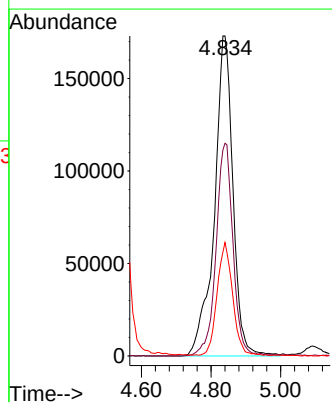
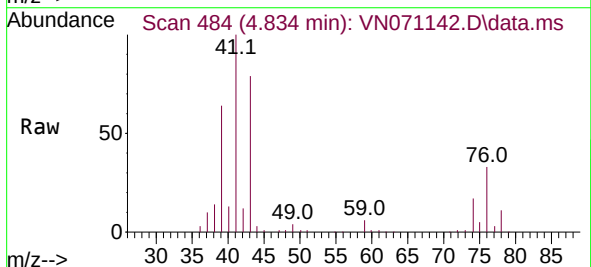
Manual Integrations
APPROVED

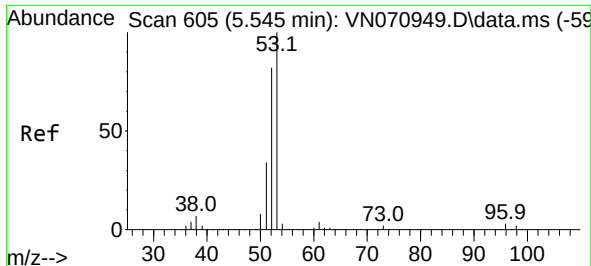
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#14
Allyl chloride
Concen: 57.562 ug/l
RT: 4.834 min Scan# 484
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

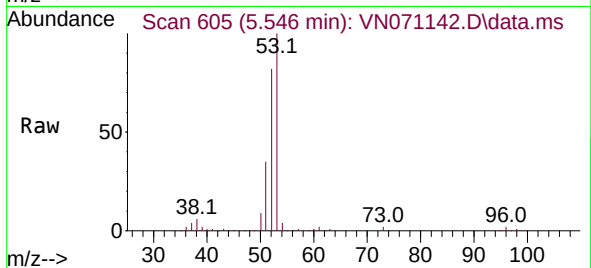
Tgt Ion: 41 Resp: 642548
Ion Ratio Lower Upper
41 100
39 60.5 61.2 91.8#
76 29.4 26.0 39.0





#15
Acrylonitrile
Concen: 326.874 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

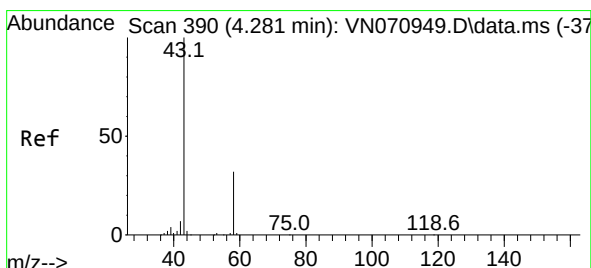
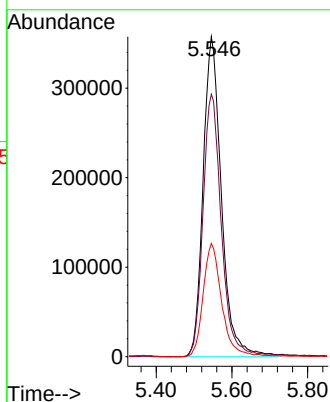
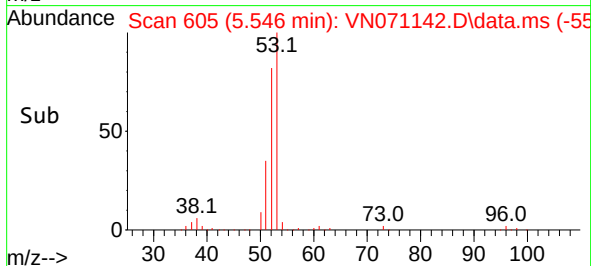
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1198359
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 36.0 29.6 44.4

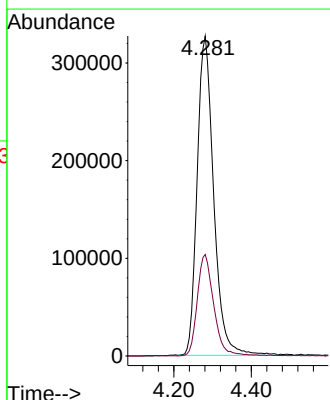
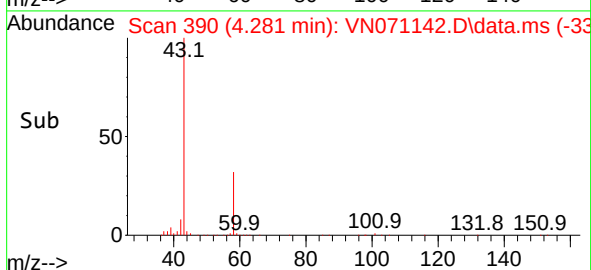
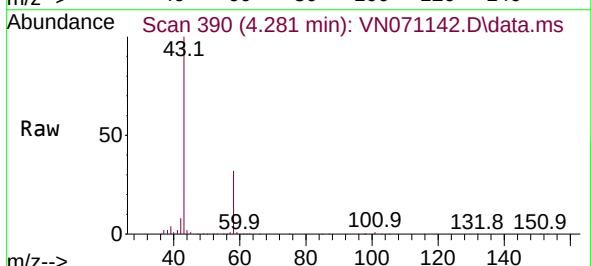
Manual Integrations
APPROVED

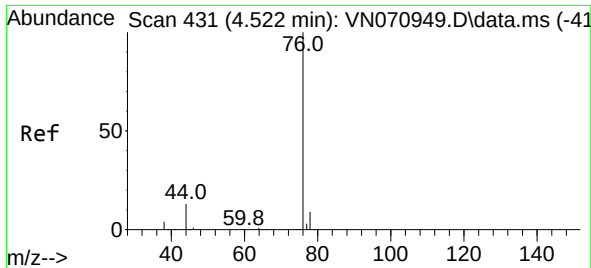
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#16
Acetone
Concen: 257.522 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Tgt Ion: 43 Resp: 968582
Ion Ratio Lower Upper
43 100
58 31.8 23.1 34.7





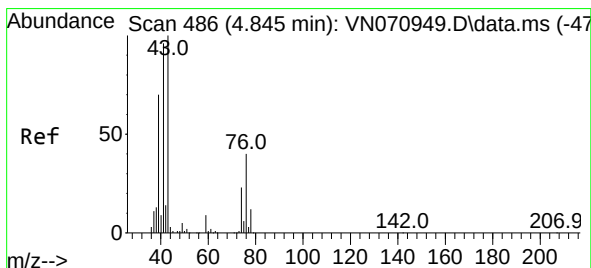
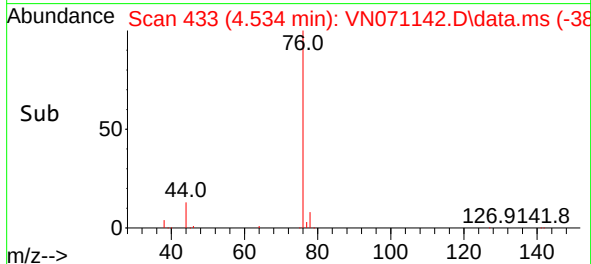
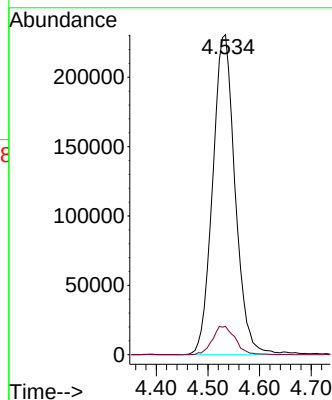
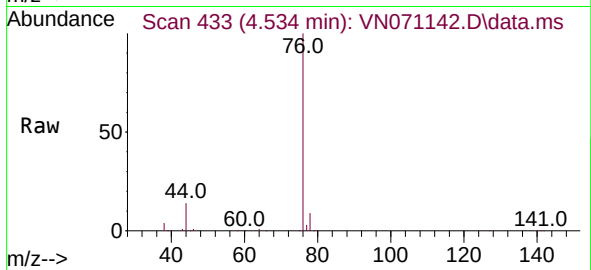
#17
Carbon Disulfide
Concen: 41.408 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 69502
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

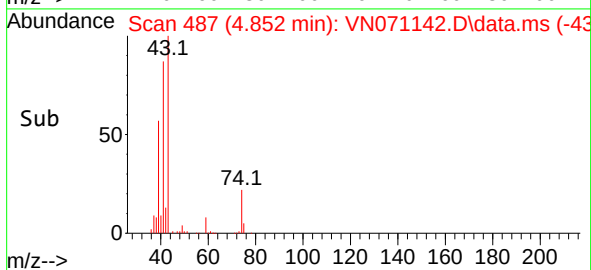
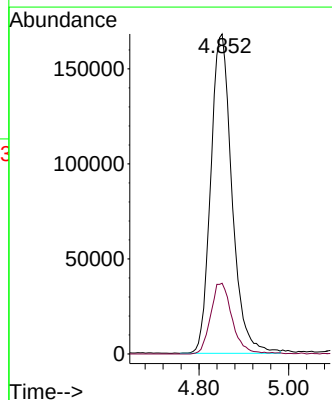
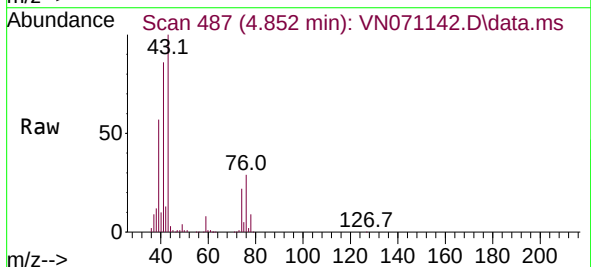
Manual Integrations
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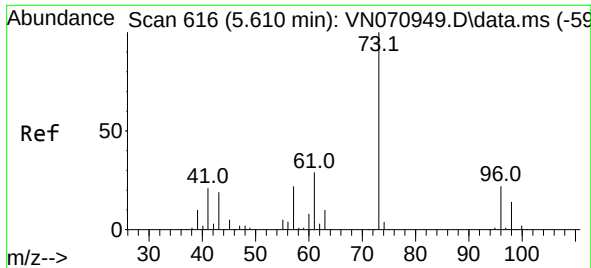
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#18
Methyl Acetate
Concen: 67.214 ug/l
RT: 4.852 min Scan# 487
Delta R.T. 0.007 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Tgt Ion: 43 Resp: 551831
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





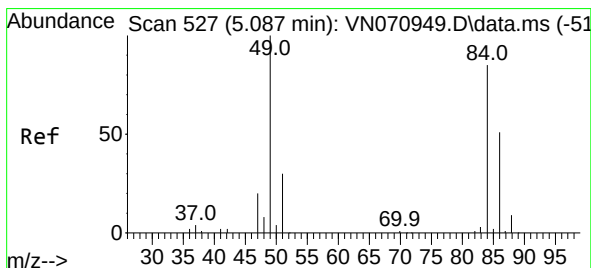
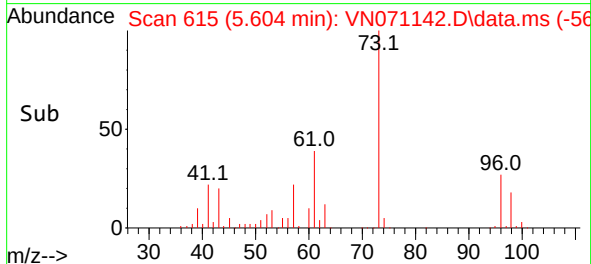
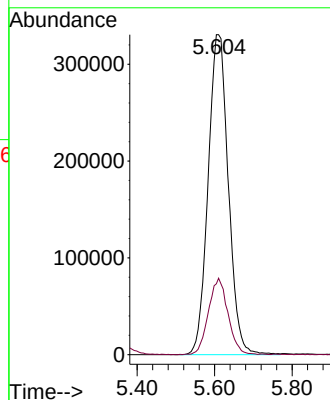
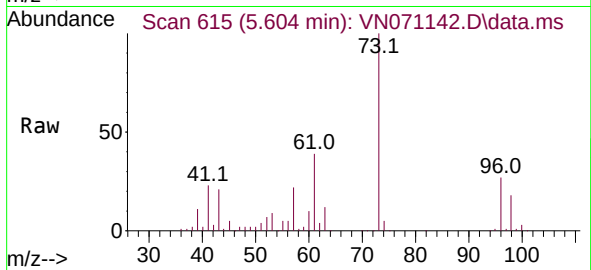
#19
Methyl tert-butyl Ether
Concen: 58.399 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 119904
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2

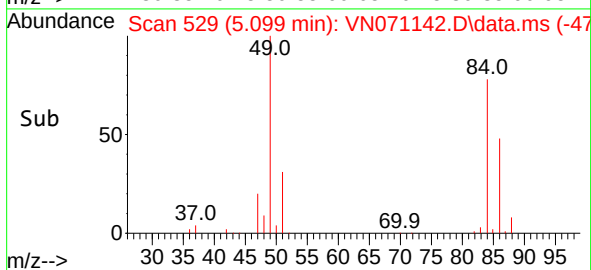
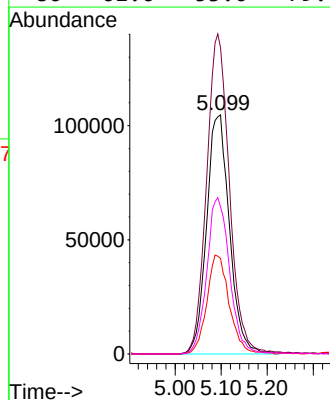
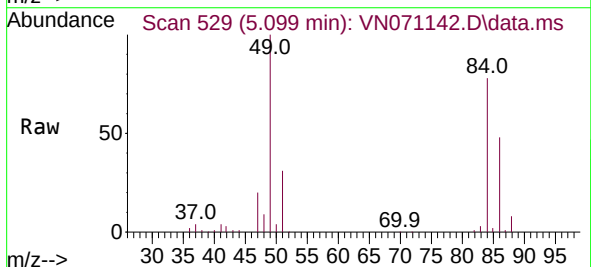
Manual Integrations
APPROVED

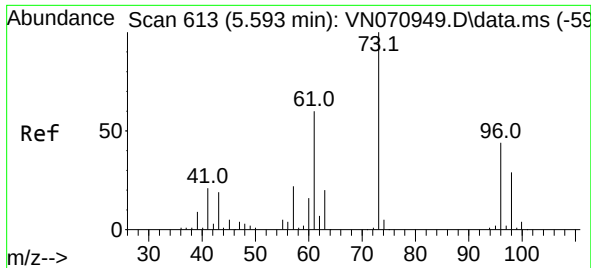
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#20
Methylene Chloride
Concen: 53.126 ug/l
RT: 5.099 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

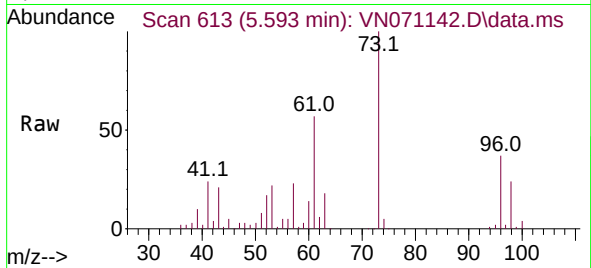
Tgt Ion: 84 Resp: 363148
Ion Ratio Lower Upper
84 100
49 128.2 93.5 140.3
51 40.0 29.4 44.2
86 61.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 49.773 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

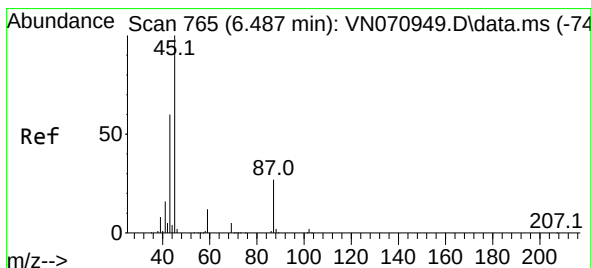
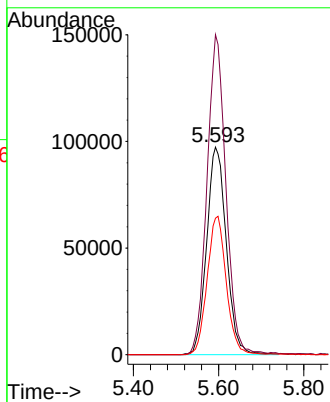
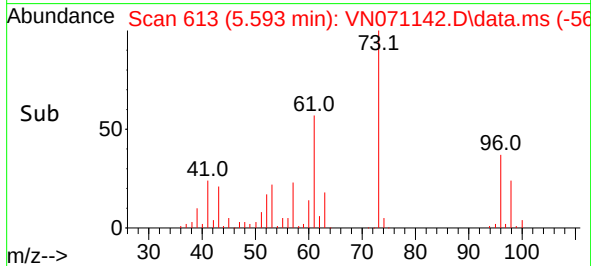
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



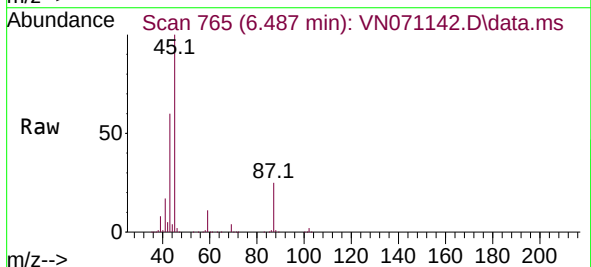
Tgt Ion: 96 Resp: 312685
Ion Ratio Lower Upper
96 100
61 154.1 105.8 158.6
98 65.7 52.0 78.0

Manual Integrations
APPROVED

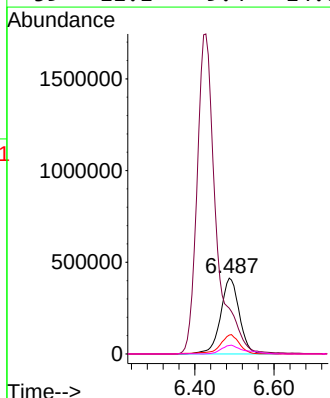
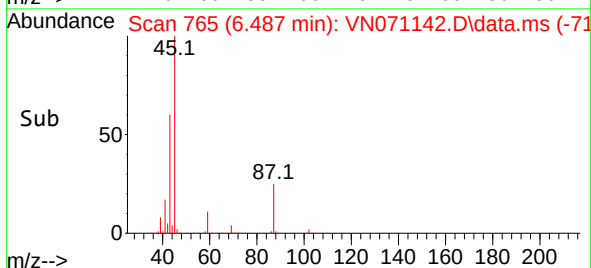
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

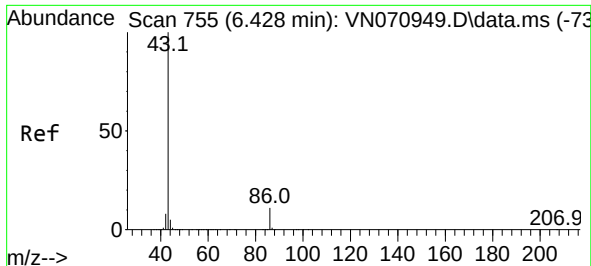


#22
Diisopropyl ether
Concen: 63.330 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



Tgt Ion: 45 Resp: 1355870
Ion Ratio Lower Upper
45 100
43 60.0 51.7 77.5
87 24.8 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 319.922 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

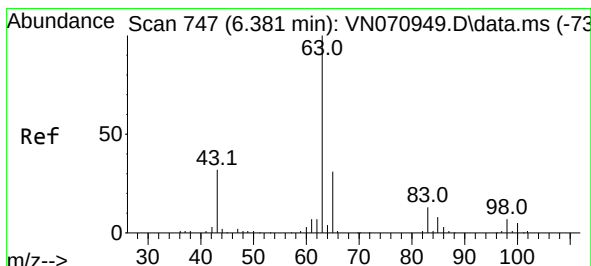
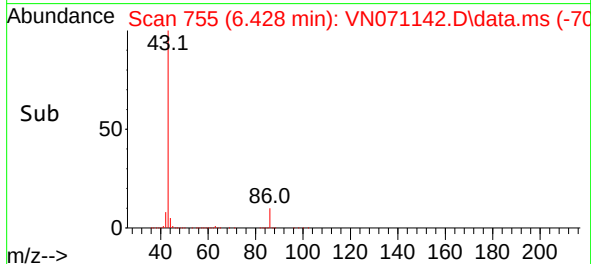
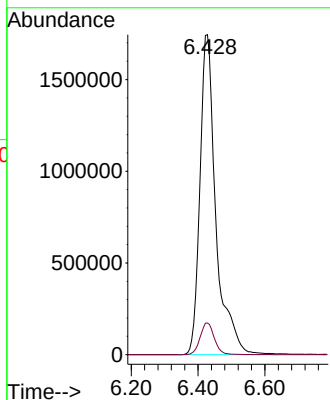
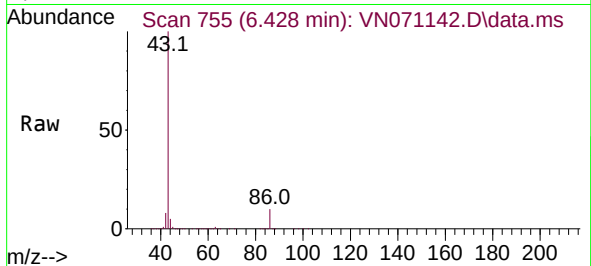
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 579806
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

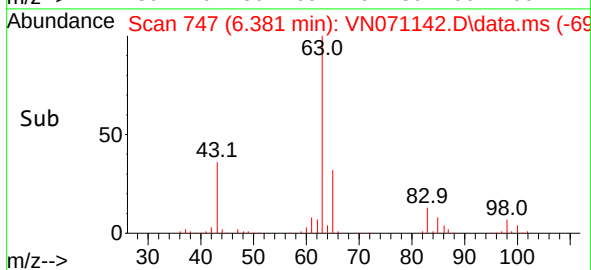
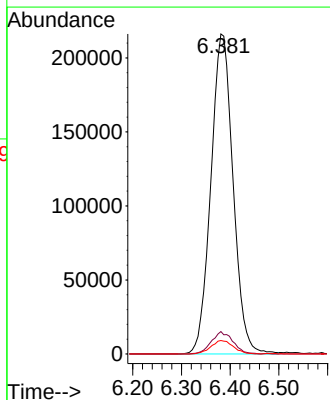
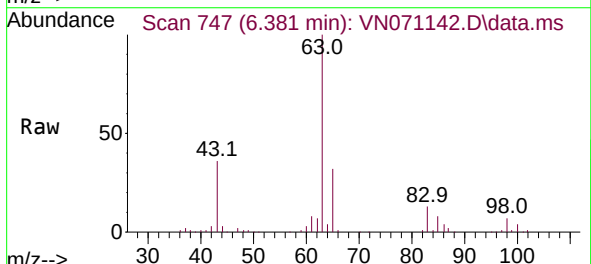
Manual Integrations
 APPROVED

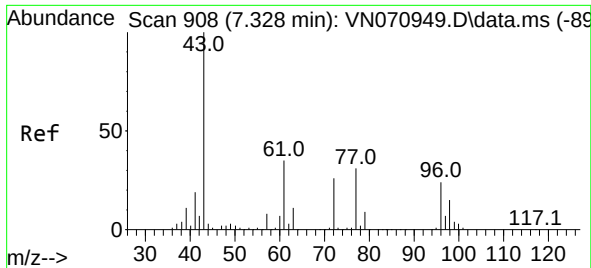
Reviewed By :John Carlone 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#24
 1,1-Dichloroethane
 Concen: 57.049 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11

Tgt Ion: 63 Resp: 684687
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.2 2.1 6.5





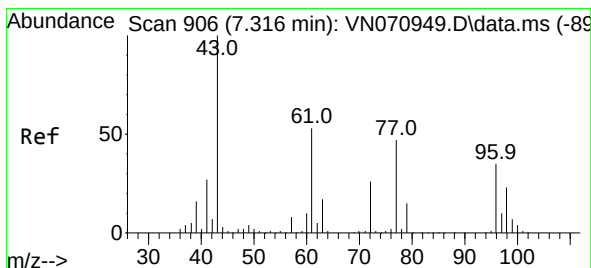
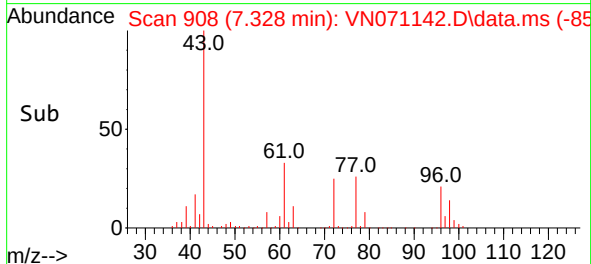
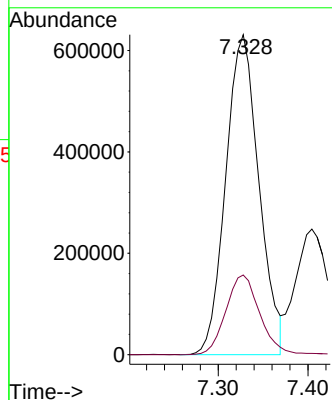
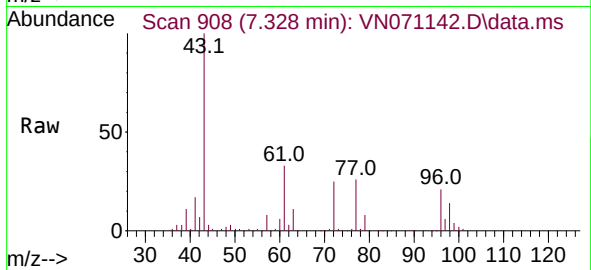
#25
2-Butanone
Concen: 324.170 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1621958
Ion Ratio Lower Upper
43 100
72 24.9 21.7 32.5

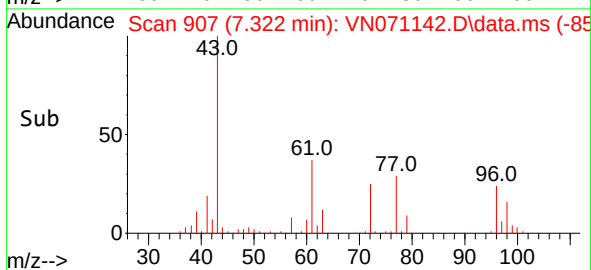
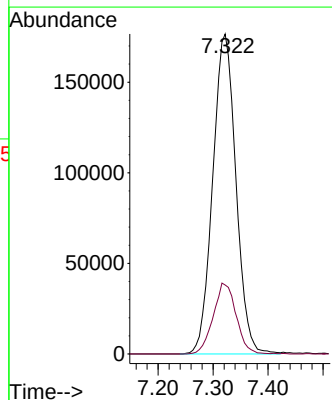
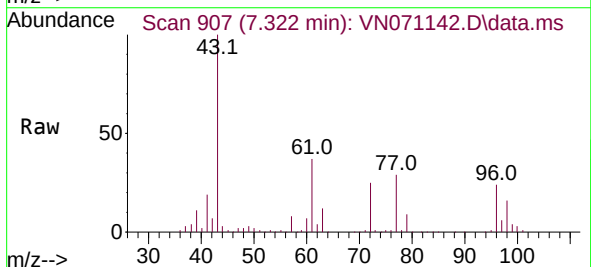
Manual Integrations
APPROVED

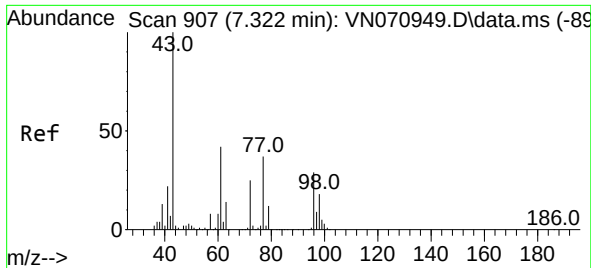
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#26
2,2-Dichloropropane
Concen: 51.899 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

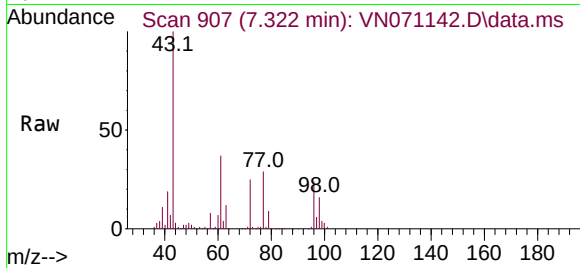
Tgt Ion: 77 Resp: 517678
Ion Ratio Lower Upper
77 100
97 21.9 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 54.809 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11

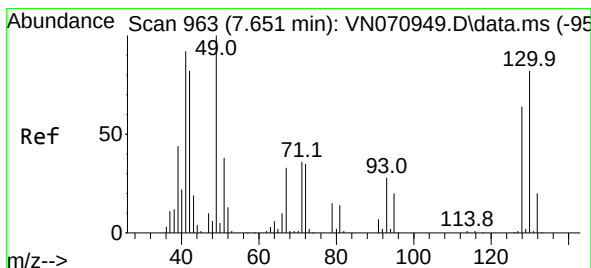
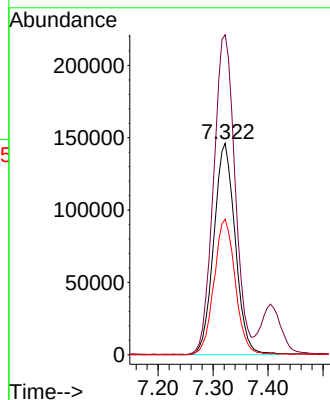
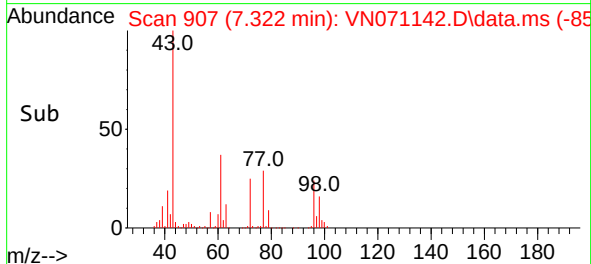
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 395740
 Ion Ratio Lower Upper
 96 100
 61 151.7 0.0 275.0
 98 63.9 0.0 129.6

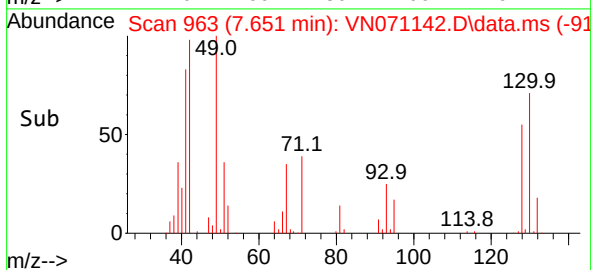
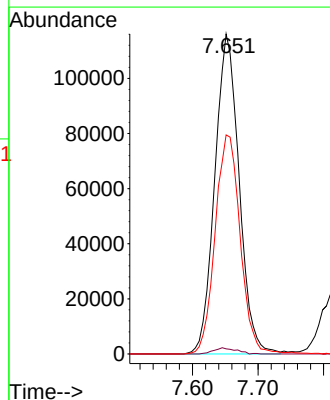
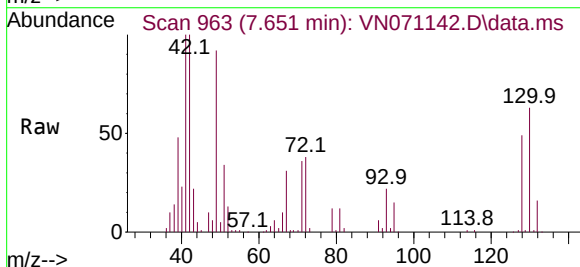
Manual Integrations
 APPROVED

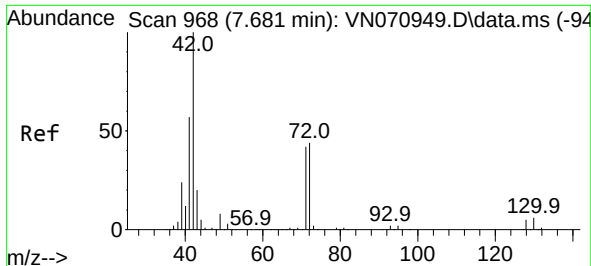
Reviewed By :John Carlone 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022



#28
 Bromochloromethane
 Concen: 61.513 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11

Tgt Ion: 49 Resp: 298807
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 70.7 67.8 101.8





#29

Tetrahydrofuran

Concen: 340.158 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 110255

Ion Ratio Lower Upper

42 100

72 40.1 36.3 54.5

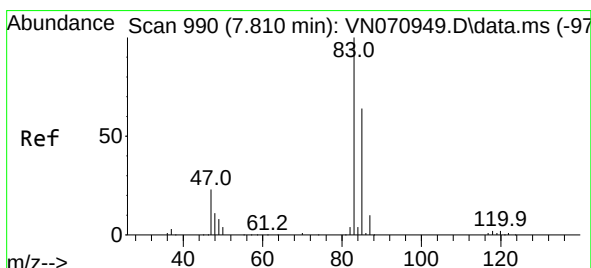
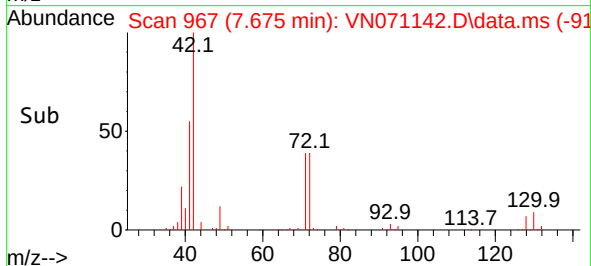
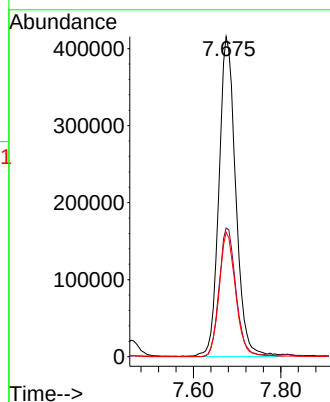
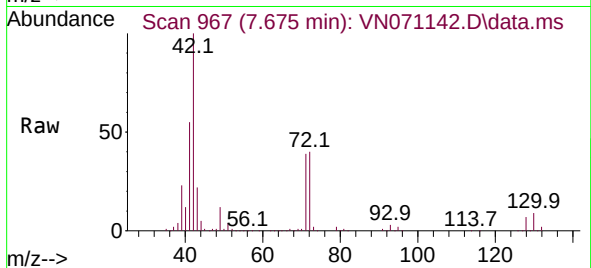
71 37.9 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#30

Chloroform

Concen: 55.596 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071142.D

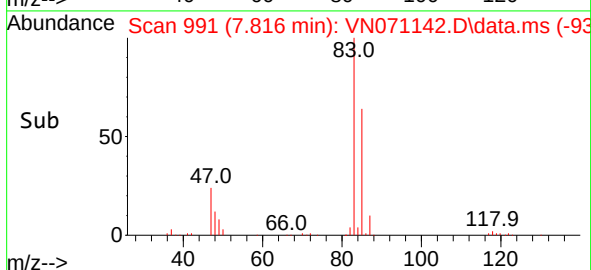
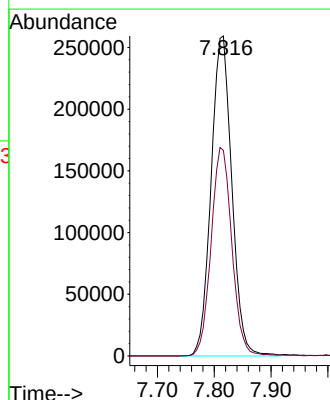
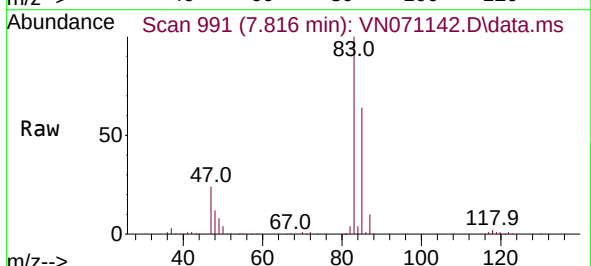
Acq: 02 Mar 2022 17:11

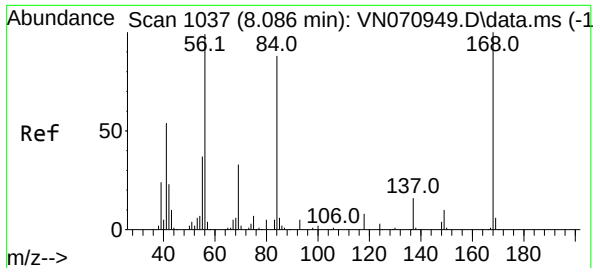
Tgt Ion: 83 Resp: 656263

Ion Ratio Lower Upper

83 100

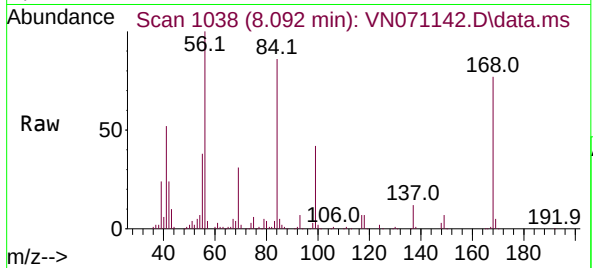
85 64.3 51.9 77.9





#31
Cyclohexane
Concen: 52.997 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

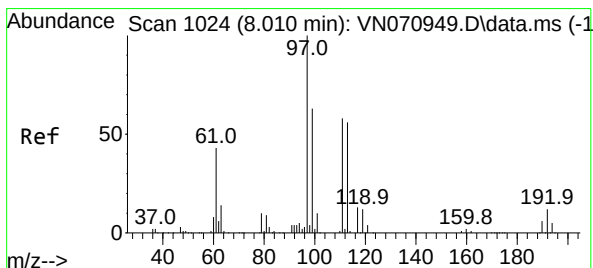
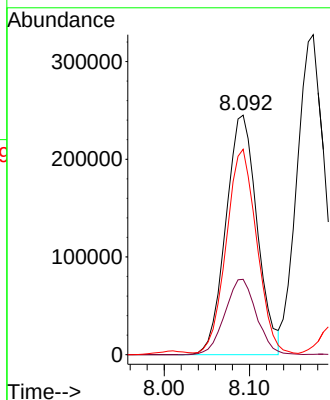
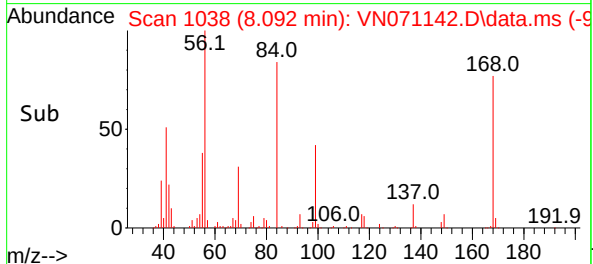
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



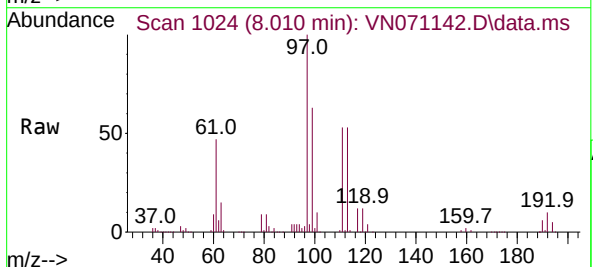
Tgt Ion: 56 Resp: 62596
Ion Ratio Lower Upper
56 100
69 31.5 27.1 40.7
84 84.5 73.4 110.0

Manual Integrations
APPROVED

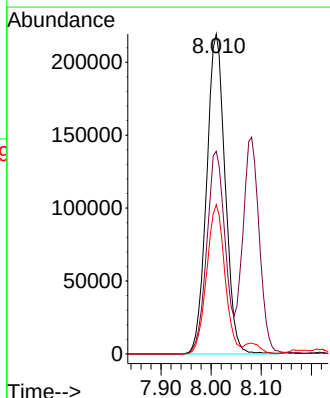
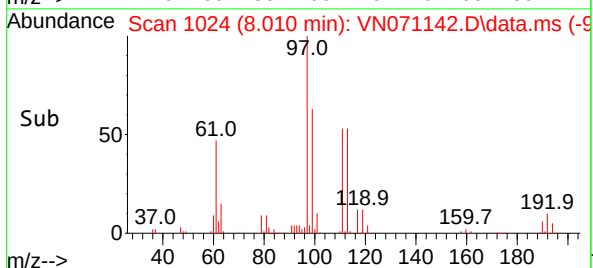
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

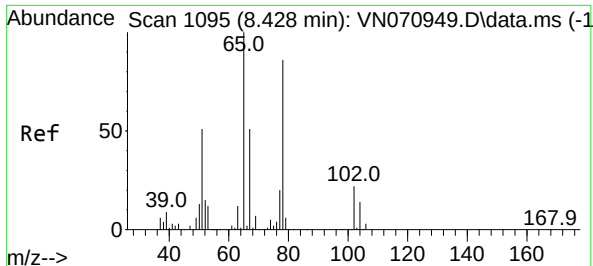


#32
1,1,1-Trichloroethane
Concen: 55.260 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



Tgt Ion: 97 Resp: 563309
Ion Ratio Lower Upper
97 100
99 62.8 50.1 75.1
61 46.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 55.586 ug/l

RT: 8.434 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 37962

Ion Ratio Lower Upper

65 100

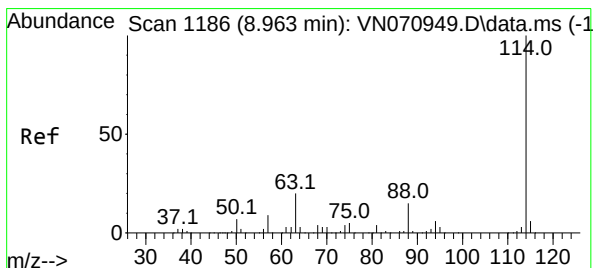
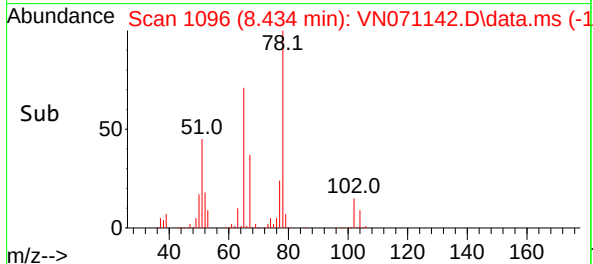
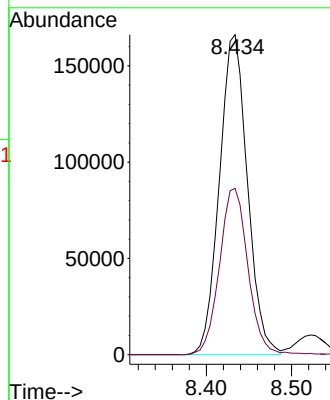
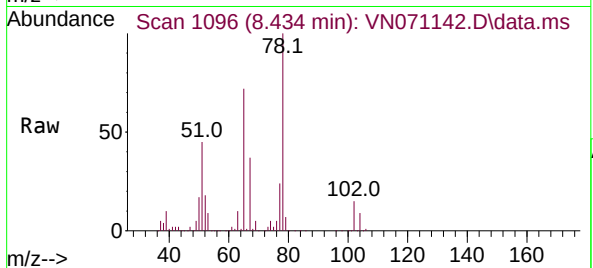
67 52.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

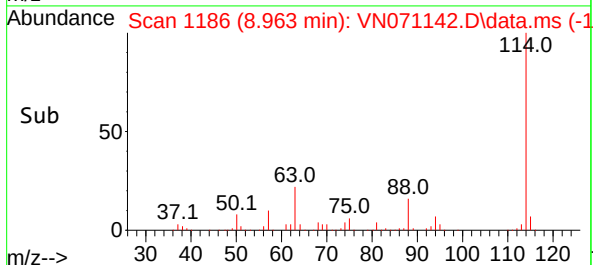
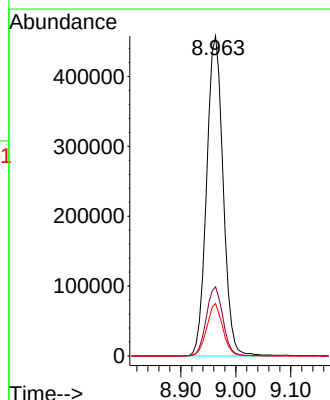
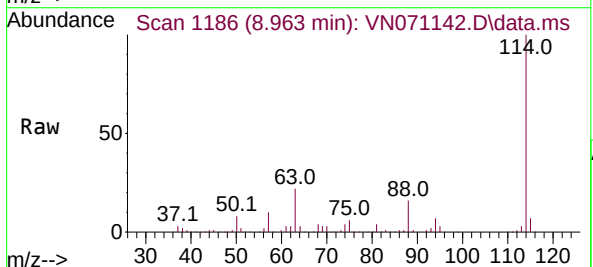
Tgt Ion:114 Resp: 954698

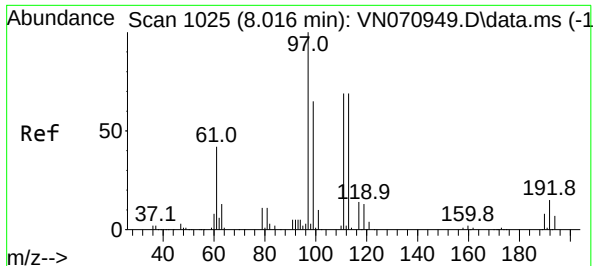
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.8

88 16.4 0.0 27.4





#35

Dibromofluoromethane

Concen: 52.507 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 29816

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

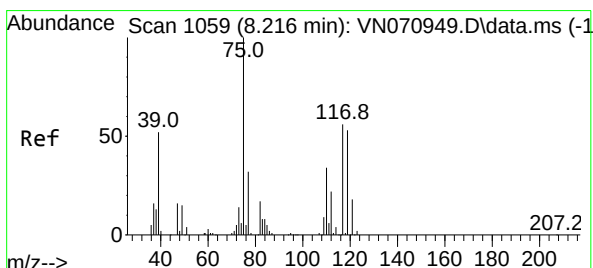
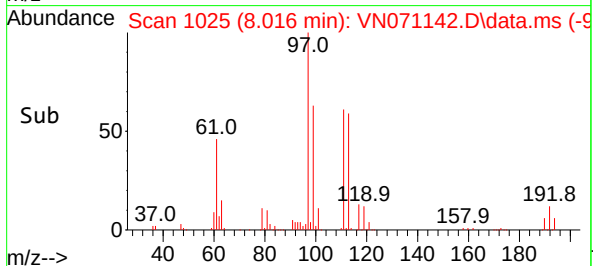
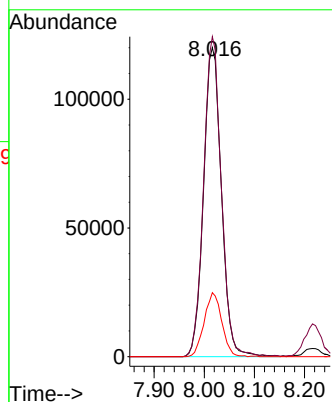
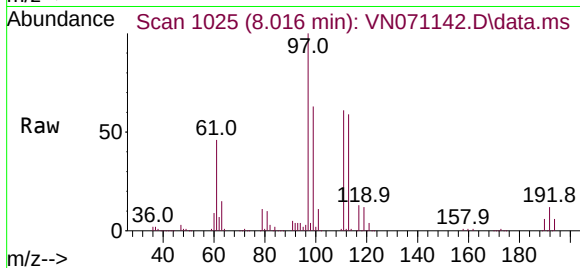
192 20.4 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#36

1,1-Dichloropropene

Concen: 52.136 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

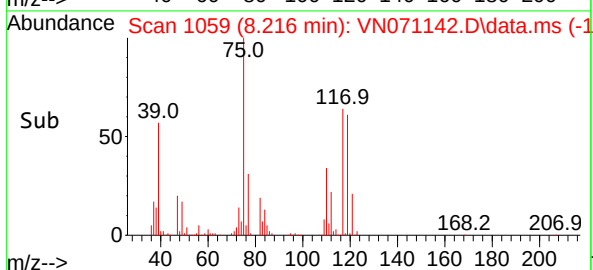
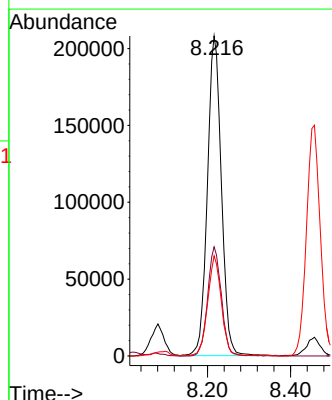
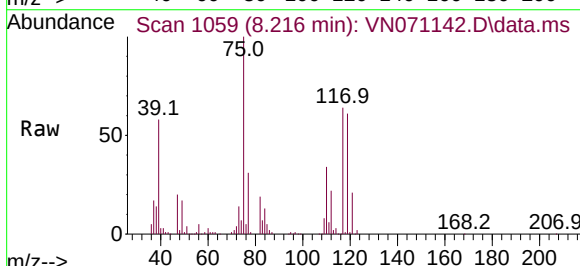
Tgt Ion: 75 Resp: 485044

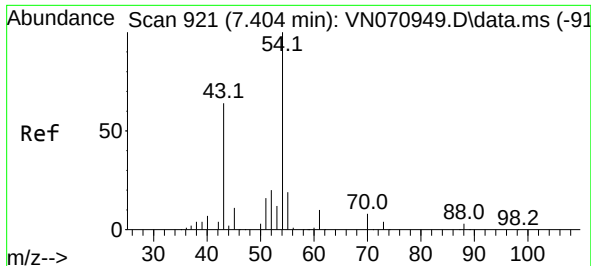
Ion Ratio Lower Upper

75 100

110 33.5 18.4 55.2

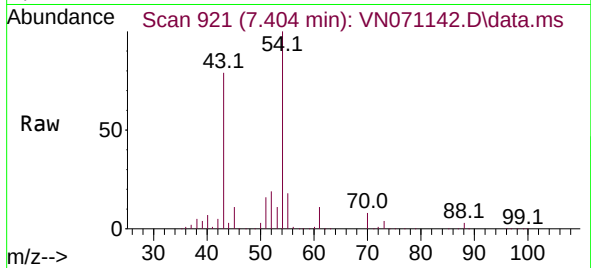
77 30.7 24.4 36.6





#37
Ethyl Acetate
Concen: 67.143 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

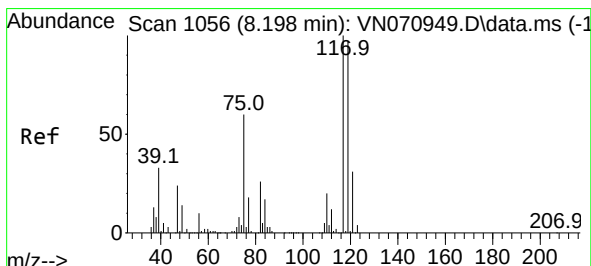
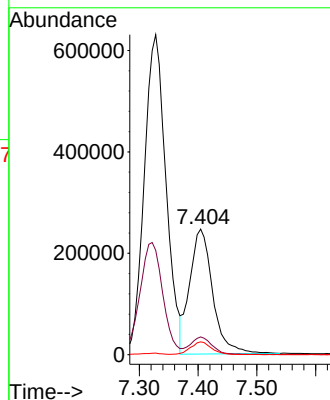
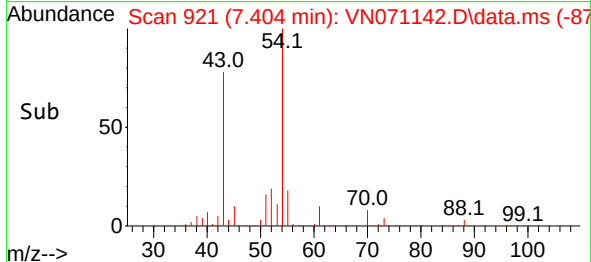
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



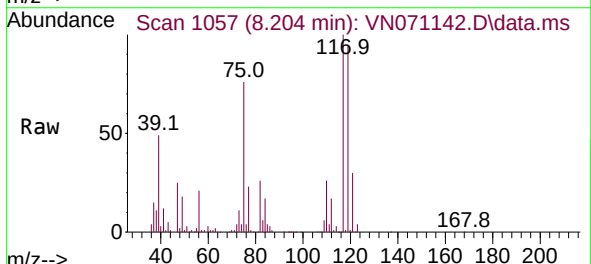
Tgt Ion: 43 Resp: 669918
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 9.5 7.9 11.9

Manual Integrations
APPROVED

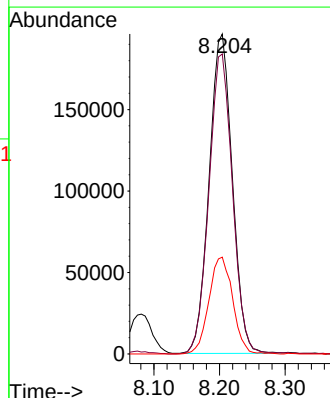
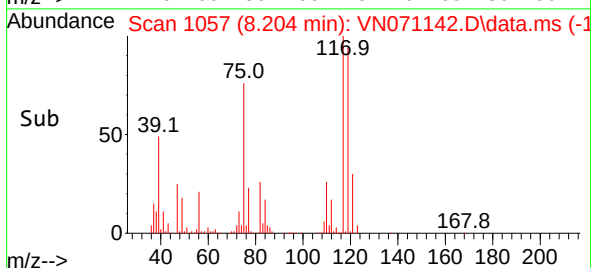
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

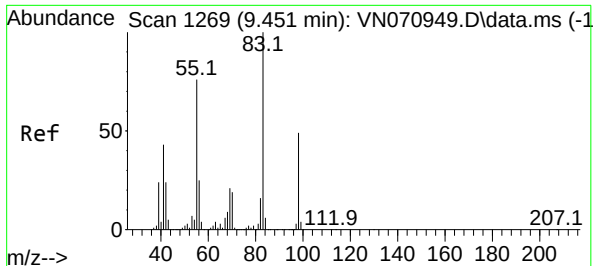


#38
Carbon Tetrachloride
Concen: 52.530 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



Tgt Ion:117 Resp: 481525
Ion Ratio Lower Upper
117 100
119 93.9 76.1 114.1
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 49.038 ug/l

RT: 9.457 min Scan# 1099

Delta R.T. 0.006 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 58703

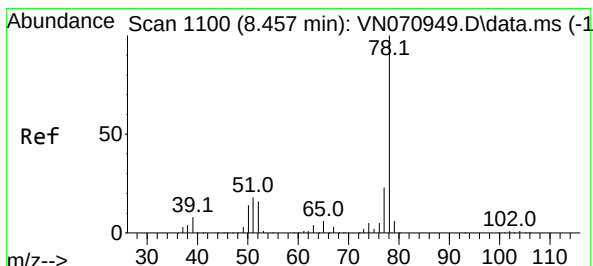
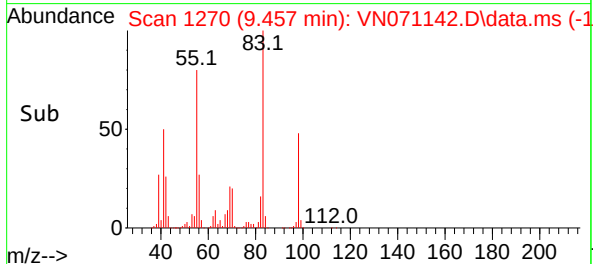
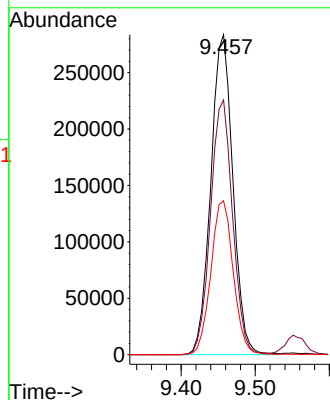
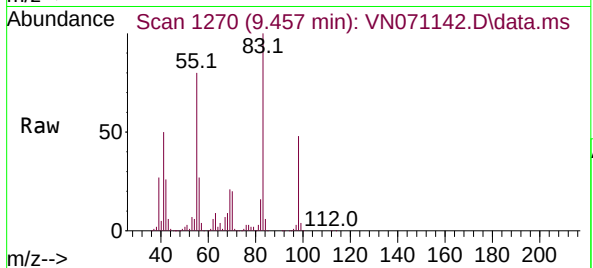
Ion	Ratio	Lower	Upper
83	100		
55	79.6	58.1	87.1
98	48.1	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#40

Benzene

Concen: 53.980 ug/l

RT: 8.451 min Scan# 1099

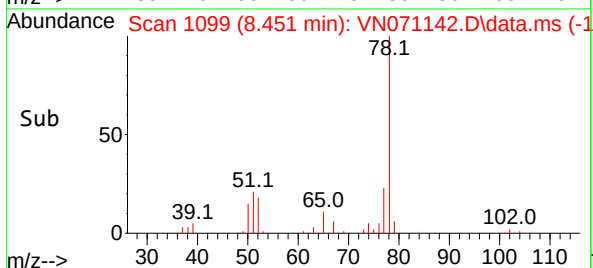
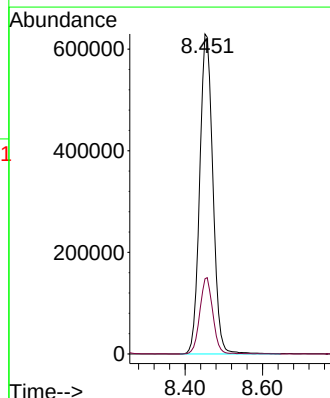
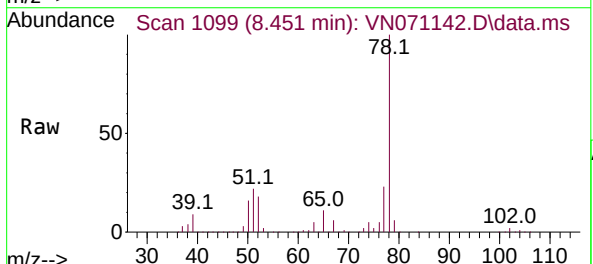
Delta R.T. -0.006 min

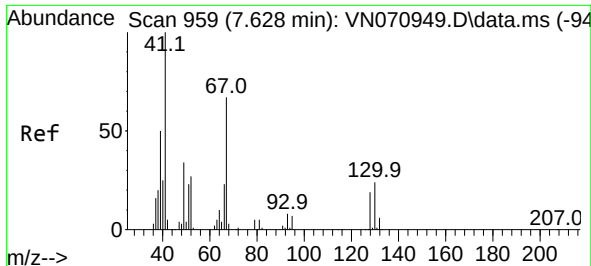
Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Tgt Ion: 78 Resp: 1485491

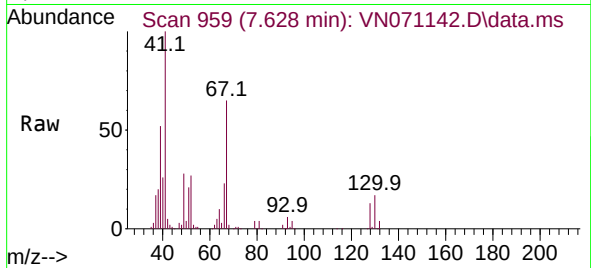
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8





#41
Methacrylonitrile
Concen: 63.145 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

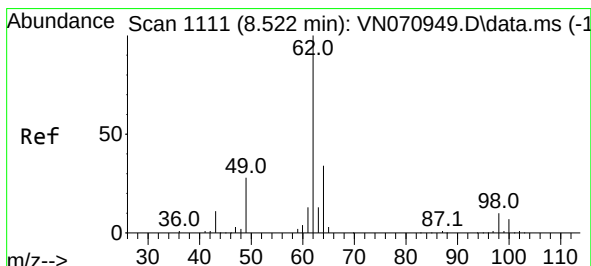
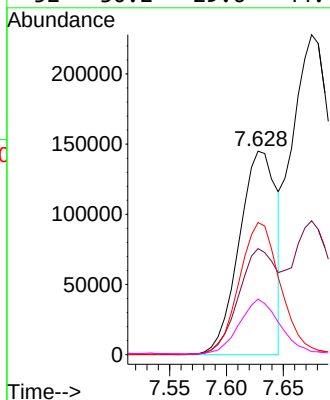
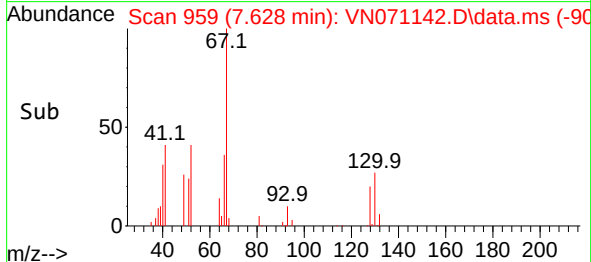
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 33182
Ion Ratio Lower Upper
41 100
39 52.2 48.1 72.1
67 73.2 68.3 102.5
52 30.2 29.6 44.4

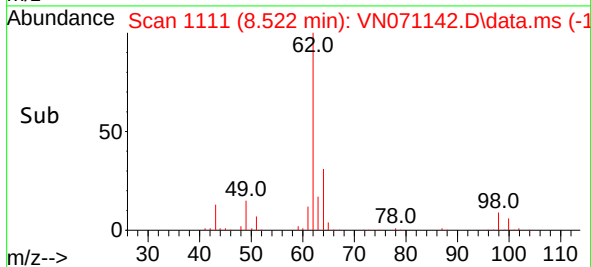
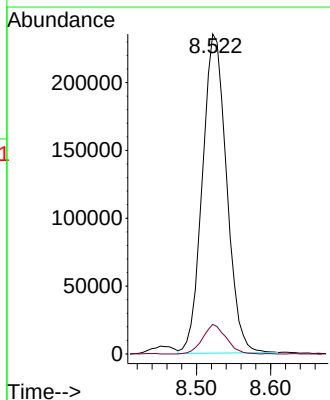
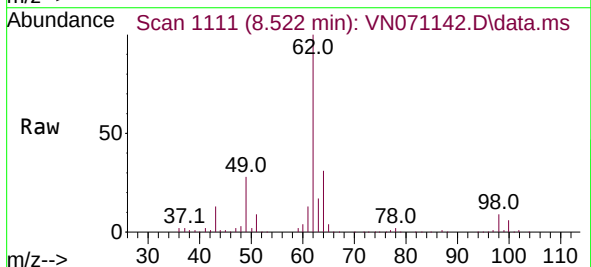
Manual Integrations
APPROVED

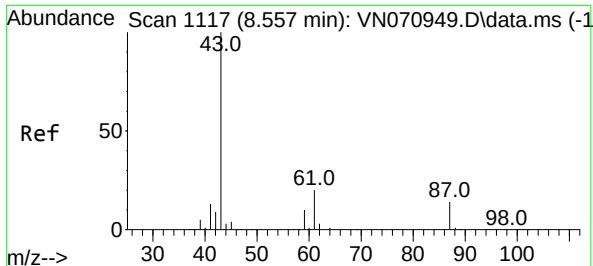
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#42
1,2-Dichloroethane
Concen: 56.906 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

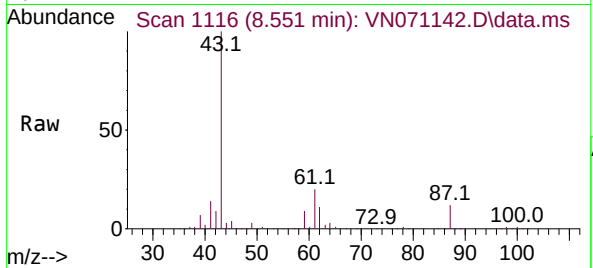
Tgt Ion: 62 Resp: 533348
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 66.472 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

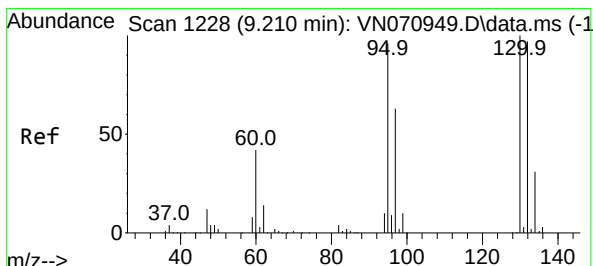
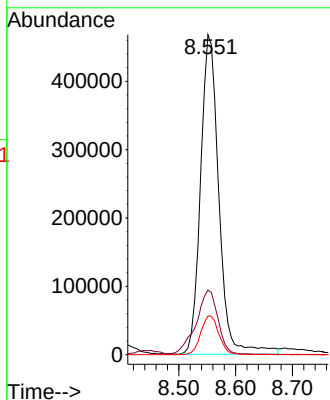
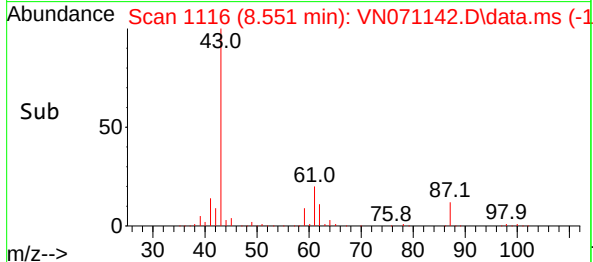
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



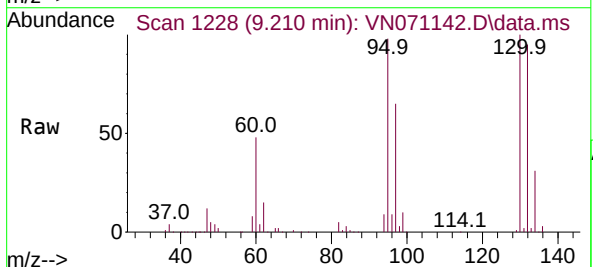
Tgt Ion: 43 Resp: 104539
Ion Ratio Lower Upper
43 100
61 23.9 20.4 30.6
87 12.1 11.2 16.8

Manual Integrations
APPROVED

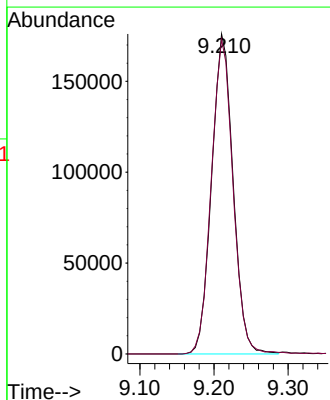
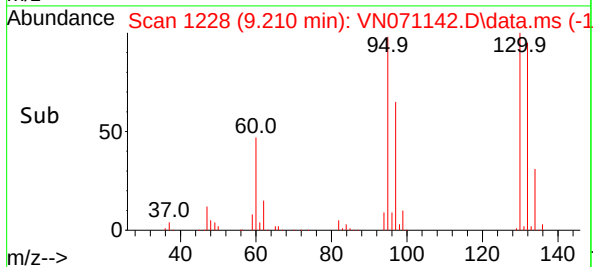
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

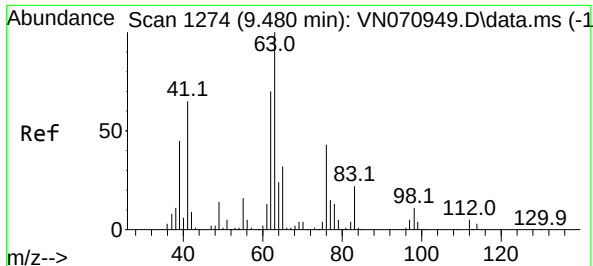


#44
Trichloroethene
Concen: 48.869 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



Tgt Ion:130 Resp: 354136
Ion Ratio Lower Upper
130 100
95 98.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 58.525 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 41255

Ion Ratio Lower Upper

63 100

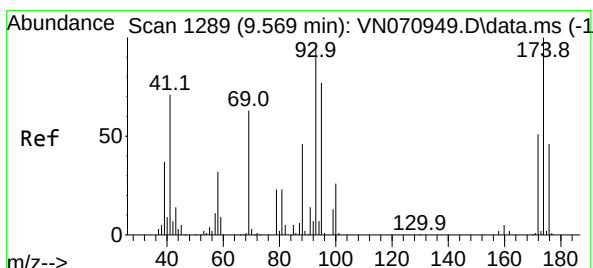
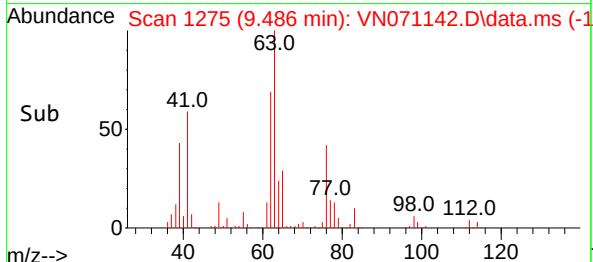
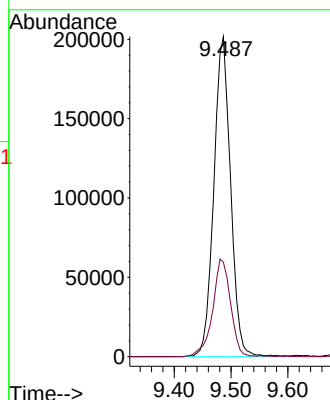
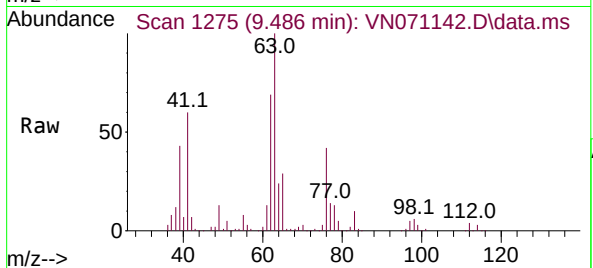
65 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#46

Dibromomethane

Concen: 54.646 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

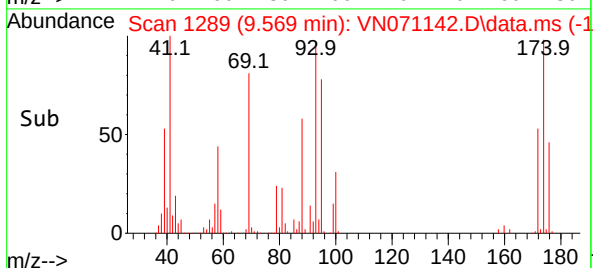
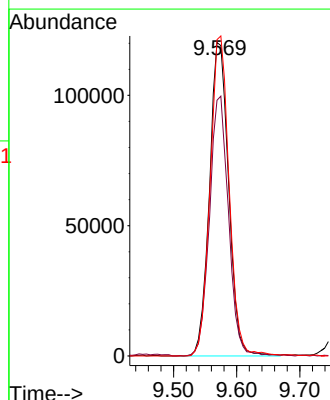
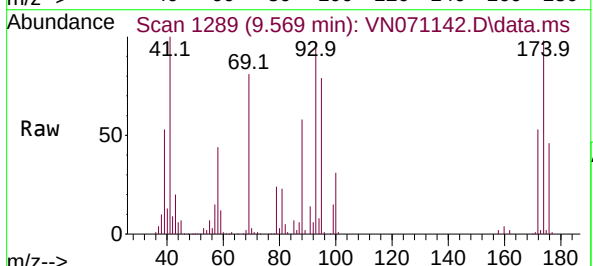
Tgt Ion: 93 Resp: 253502

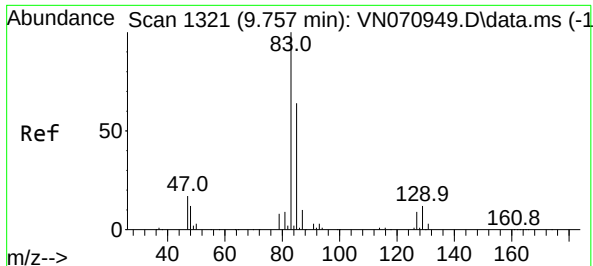
Ion Ratio Lower Upper

93 100

95 82.6 65.9 98.9

174 101.3 84.6 127.0





#47

Bromodichloromethane

Concen: 55.642 ug/l

RT: 9.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 52167

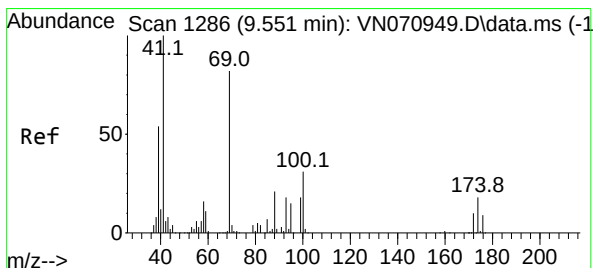
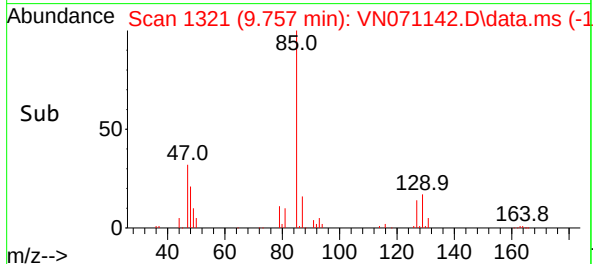
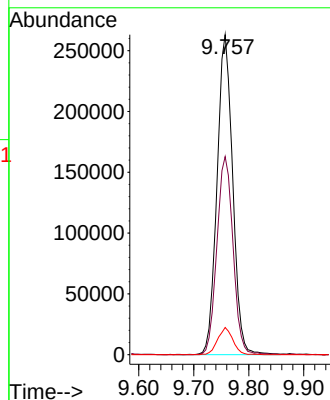
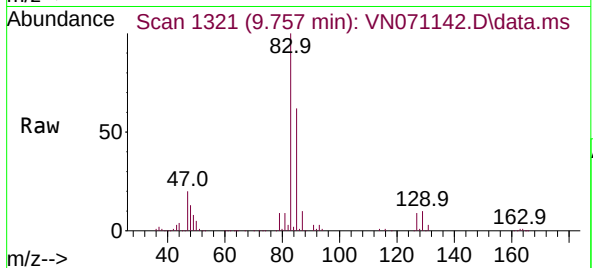
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.9	76.3
127	8.5	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#48

Methyl methacrylate

Concen: 66.195 ug/l

RT: 9.557 min Scan# 1287

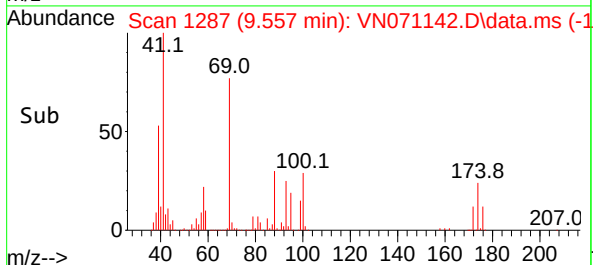
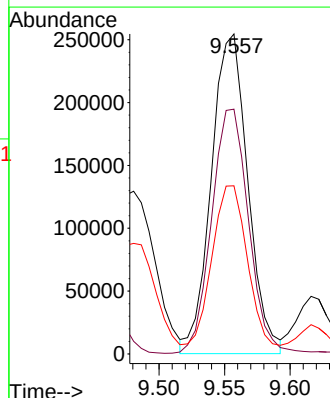
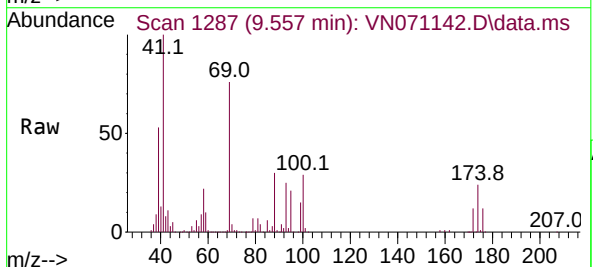
Delta R.T. 0.006 min

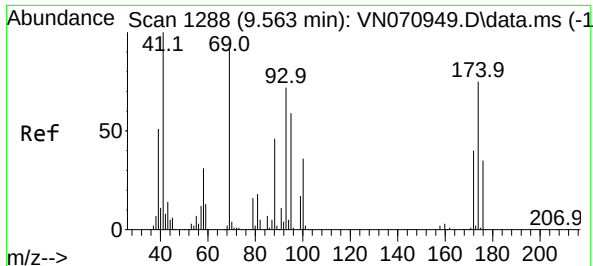
Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Tgt Ion: 41 Resp: 492757

Ion	Ratio	Lower	Upper
41	100		
69	78.1	72.4	108.6
39	52.8	58.4	87.6





#49

1,4-Dioxane

Concen: 1322.876 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 174904

Ion Ratio Lower Upper

88 100

43 31.2 23.4 35.2

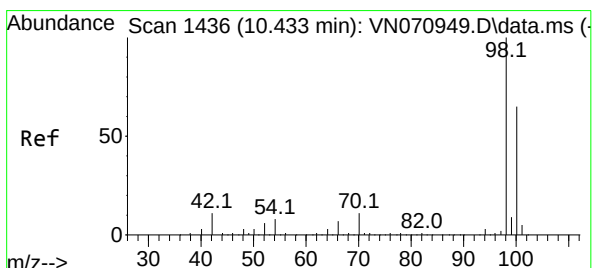
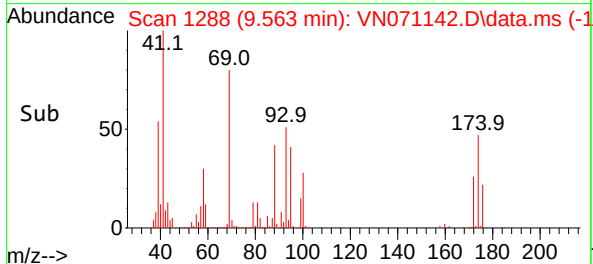
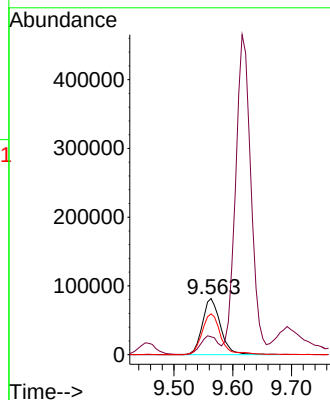
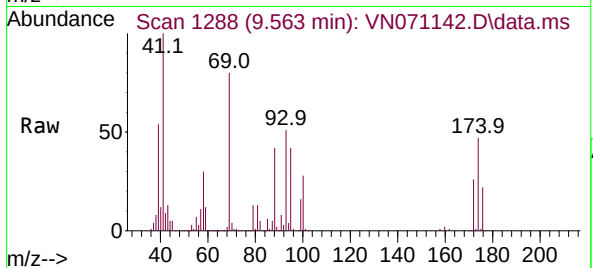
58 75.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#50

Toluene-d8

Concen: 51.145 ug/l

RT: 10.434 min Scan# 1436

Delta R.T. 0.000 min

Lab File: VN071142.D

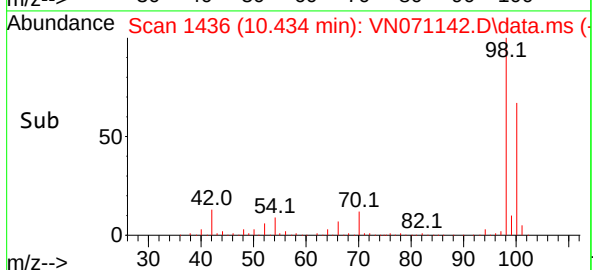
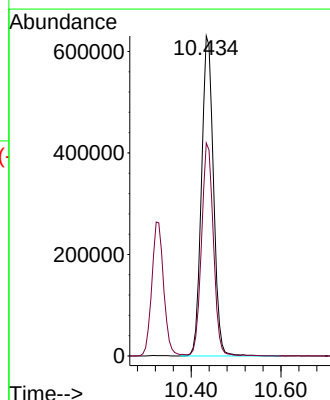
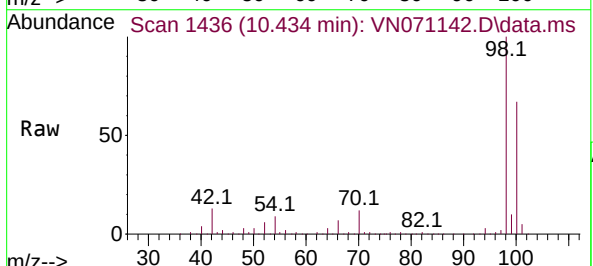
Acq: 02 Mar 2022 17:11

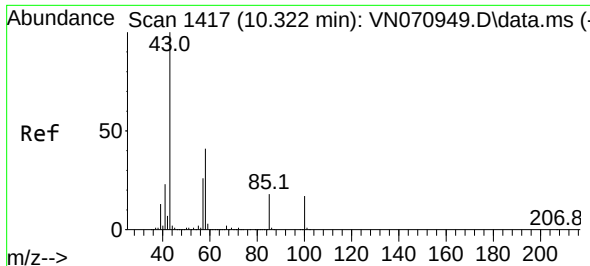
Tgt Ion: 98 Resp: 1166351

Ion Ratio Lower Upper

98 100

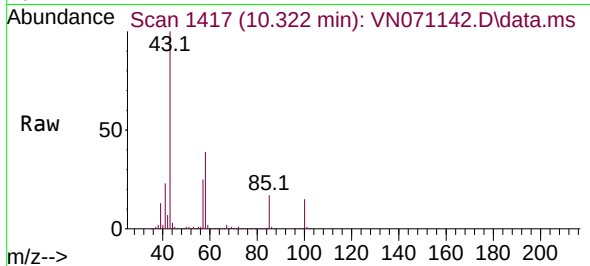
100 65.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 342.498 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

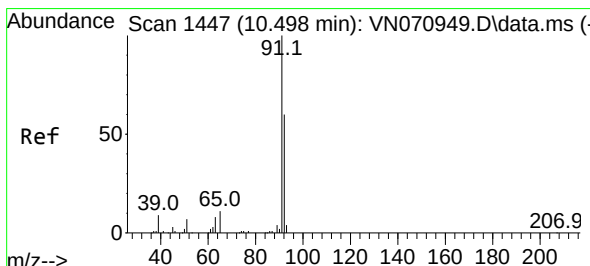
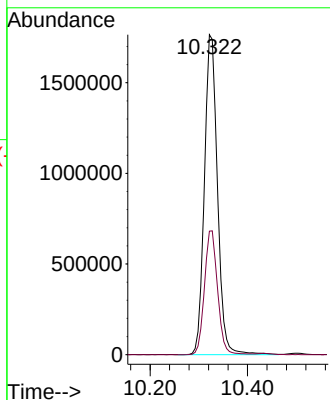
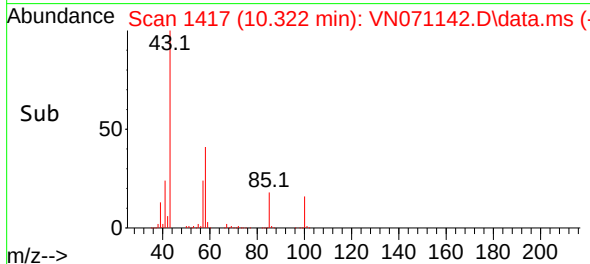
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 3277220
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

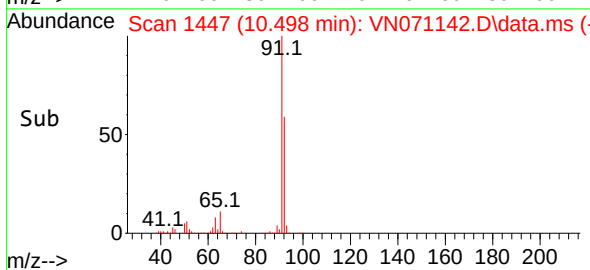
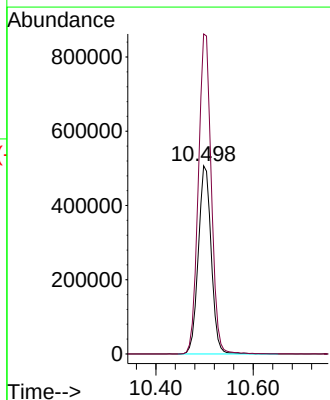
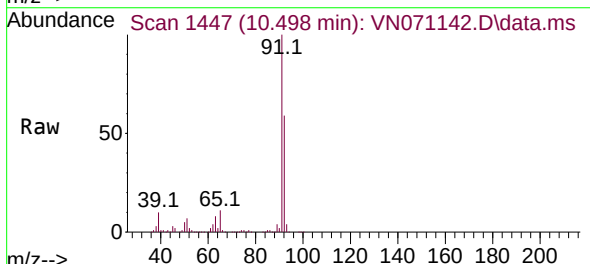
Manual Integrations
APPROVED

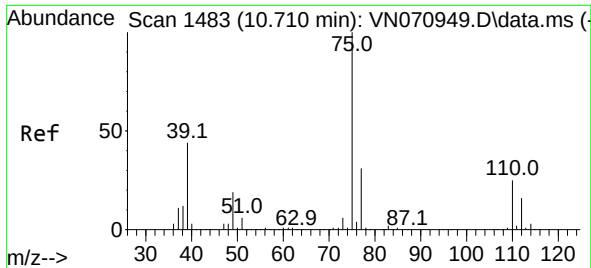
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#52
Toluene
Concen: 54.041 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

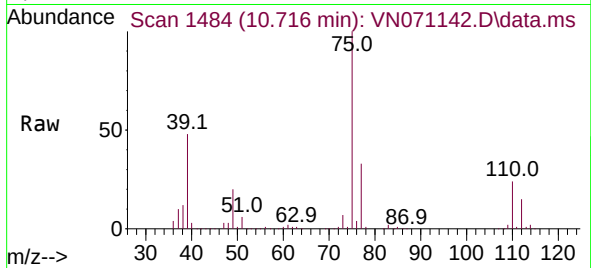
Tgt Ion: 92 Resp: 934497
Ion Ratio Lower Upper
92 100
91 171.0 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 56.619 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. 0.006 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11

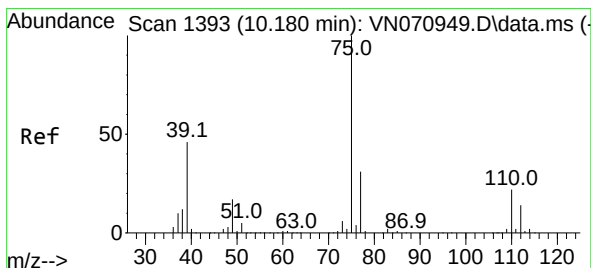
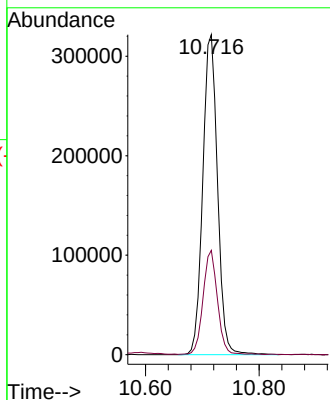
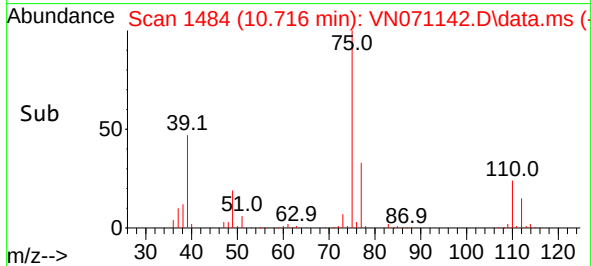
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



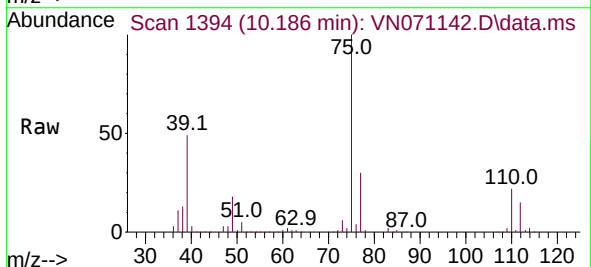
Tgt Ion: 75 Resp: 577214
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.6 38.4

Manual Integrations
 APPROVED

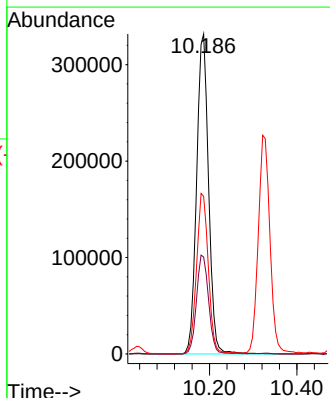
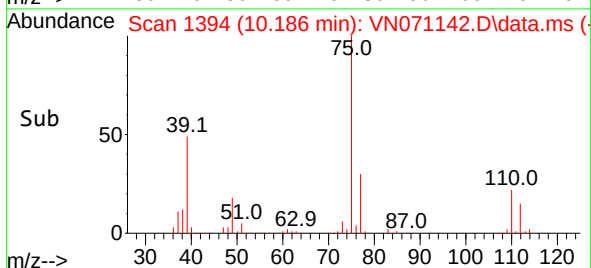
Reviewed By :John Carlone 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022

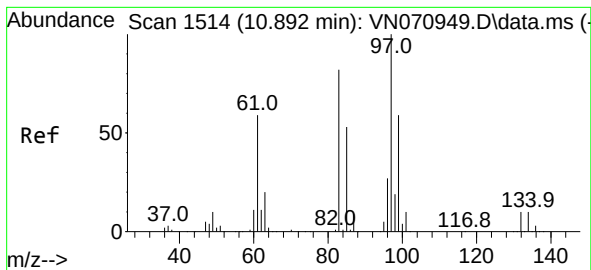


#54
 cis-1,3-Dichloropropene
 Concen: 56.390 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.006 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11



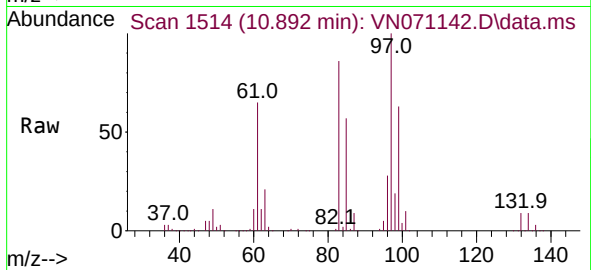
Tgt Ion: 75 Resp: 631339
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.4 39.6
 39 49.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 55.990 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

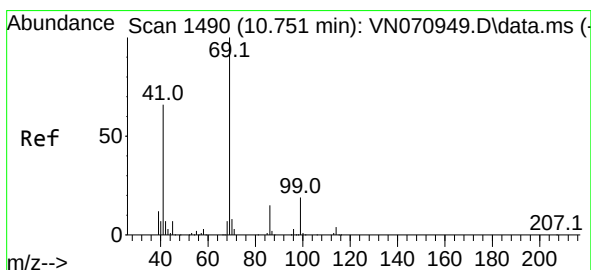
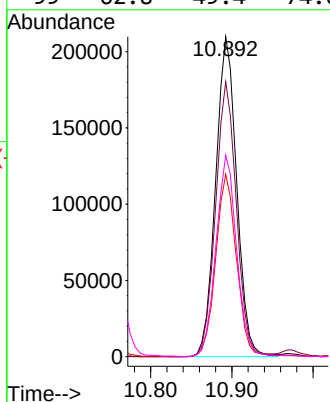
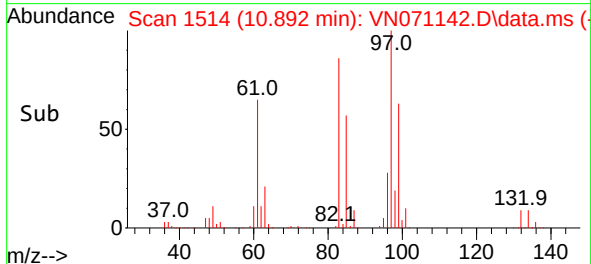
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



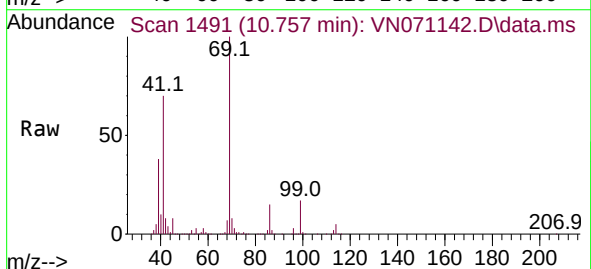
Tgt Ion: 97 Resp: 37898
Ion Ratio Lower Upper
97 100
83 85.9 67.8 101.6
85 57.0 45.4 68.2
99 62.8 49.4 74.0

Manual Integrations
APPROVED

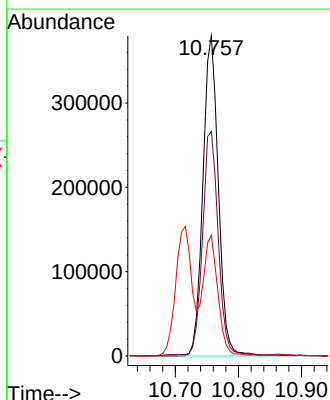
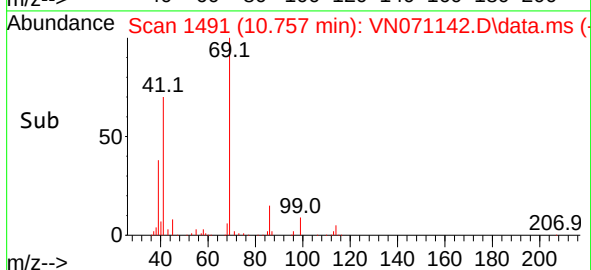
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

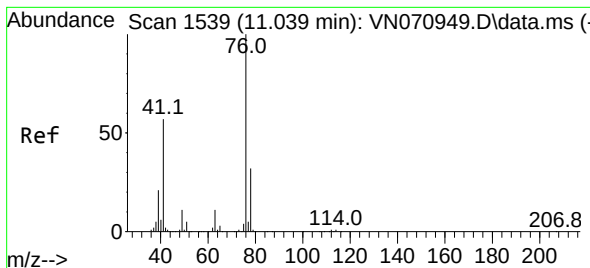


#56
Ethyl methacrylate
Concen: 63.118 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



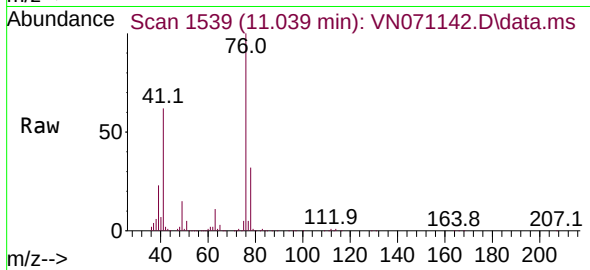
Tgt Ion: 69 Resp: 643699
Ion Ratio Lower Upper
69 100
41 70.1 51.4 77.0
39 36.3 34.6 52.0





#57
1,3-Dichloropropane
Concen: 57.982 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

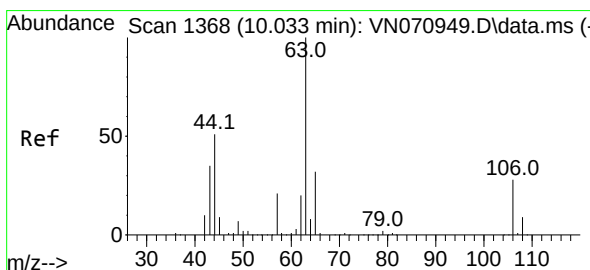
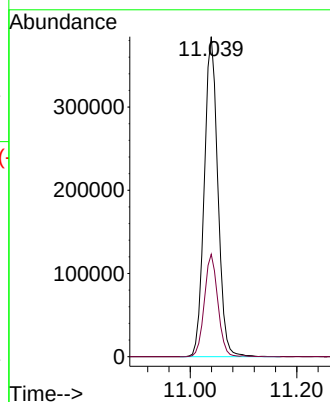
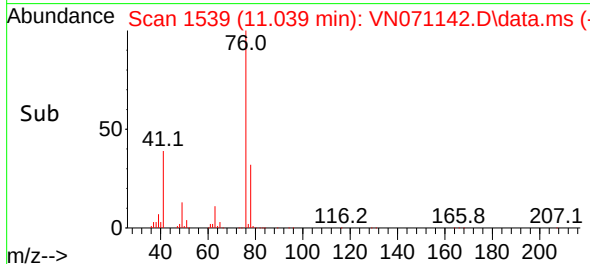
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



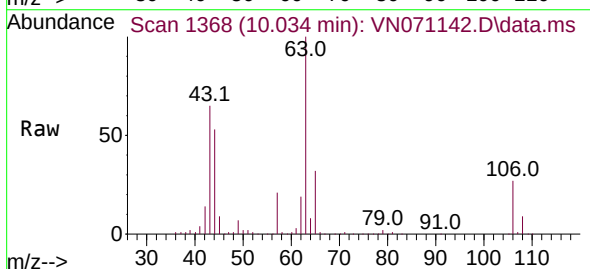
Tgt Ion: 76 Resp: 67885
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

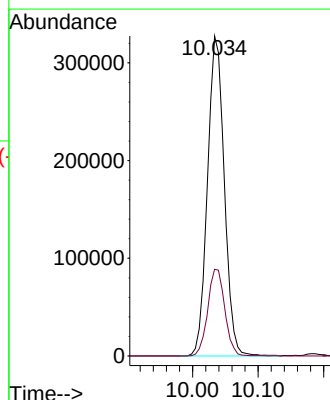
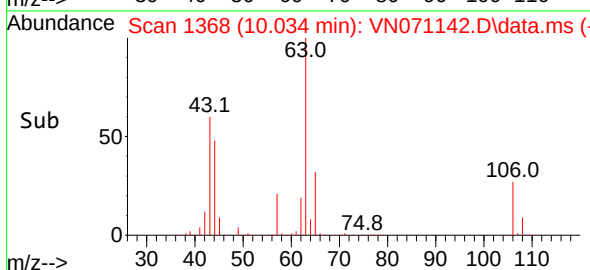
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

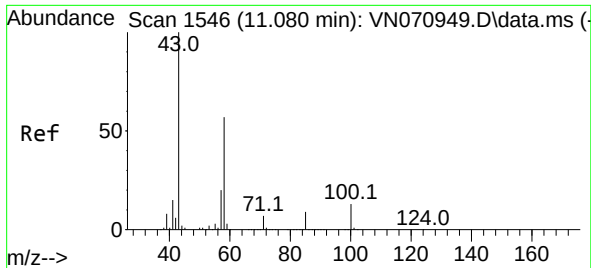


#58
2-Chloroethyl Vinyl ether
Concen: 256.780 ug/l
RT: 10.034 min Scan# 1368
Delta R.T. 0.001 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



Tgt Ion: 63 Resp: 584752
Ion Ratio Lower Upper
63 100
106 27.5 23.9 35.9





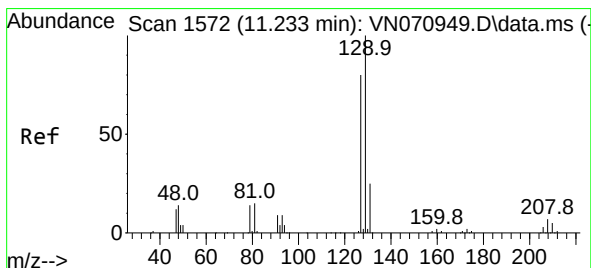
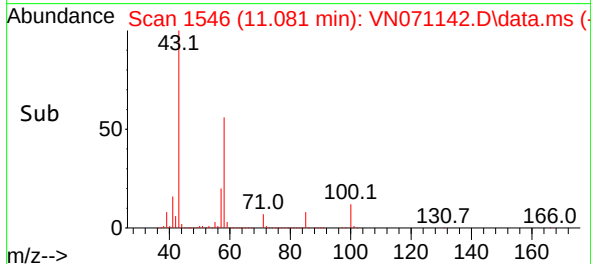
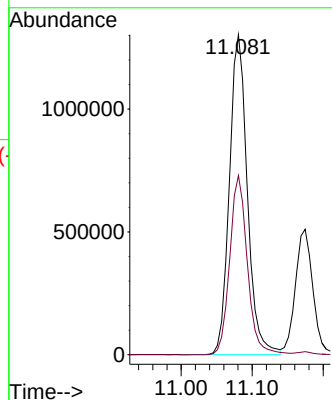
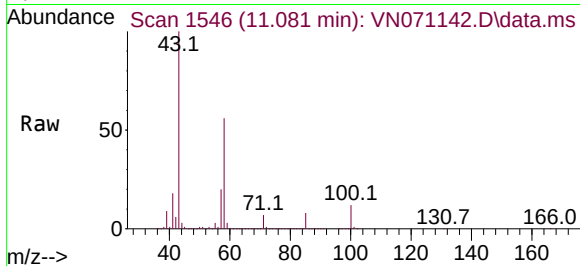
#59
2-Hexanone
Concen: 347.074 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.001 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 228403
Ion Ratio Lower Upper
43 100
58 55.2 26.9 80.7

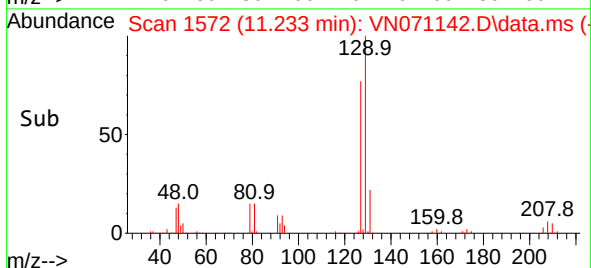
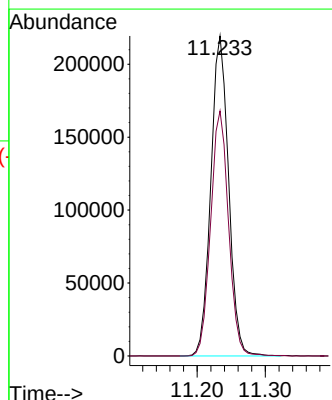
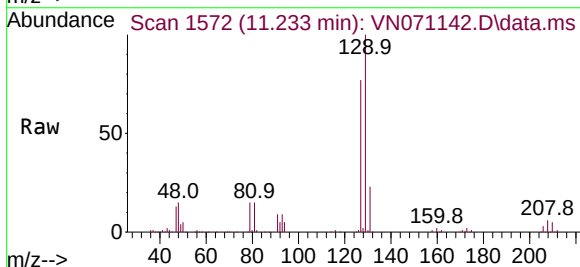
Manual Integrations
APPROVED

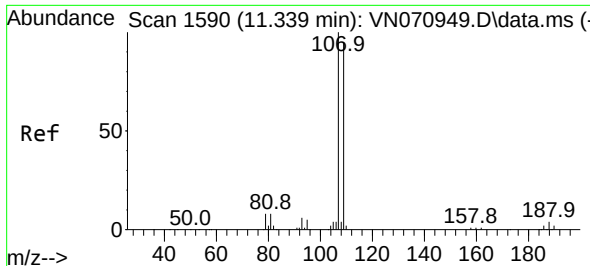
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#60
Dibromochloromethane
Concen: 55.730 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

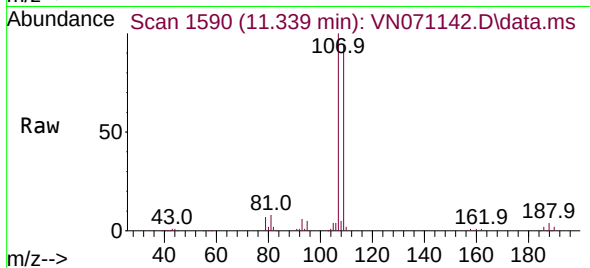
Tgt Ion:129 Resp: 398658
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.127 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

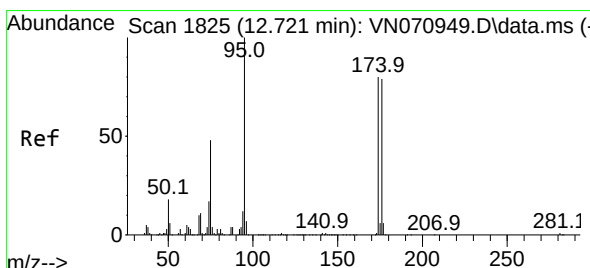
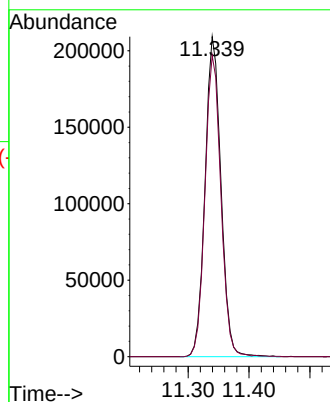
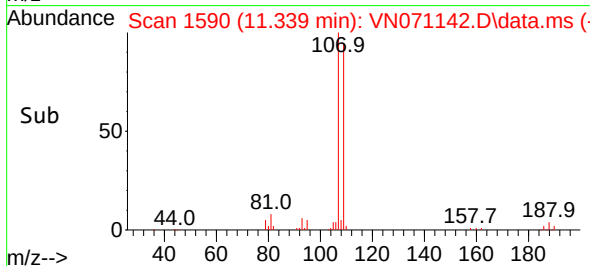
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



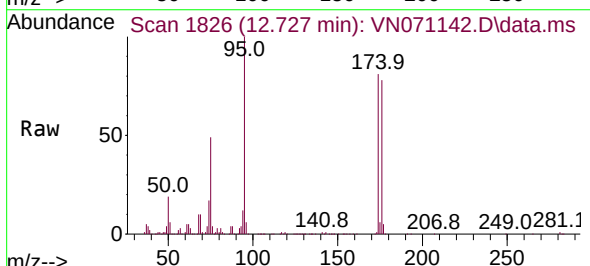
Tgt Ion:107 Resp: 379538
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

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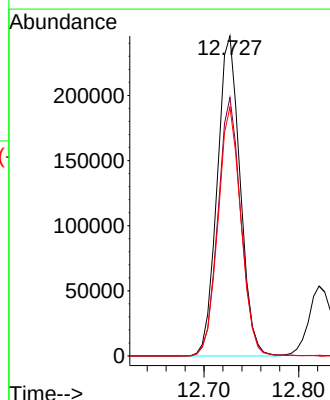
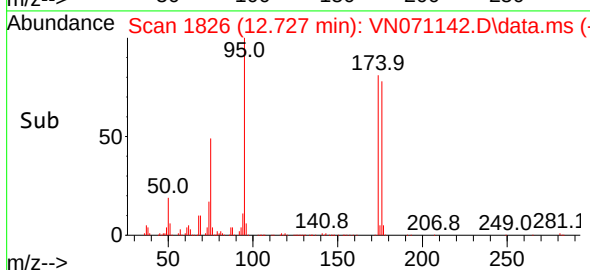
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

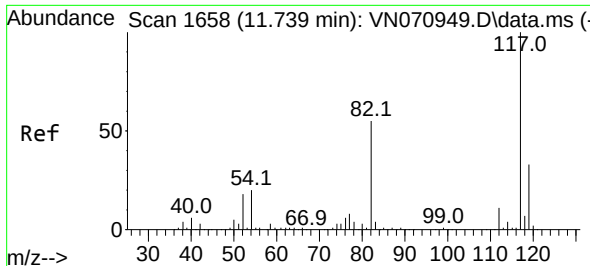


#62
4-Bromofluorobenzene
Concen: 50.697 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



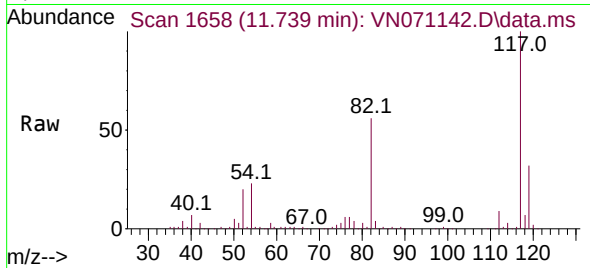
Tgt Ion: 95 Resp: 413249
Ion Ratio Lower Upper
95 100
174 80.8 0.0 187.2
176 77.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

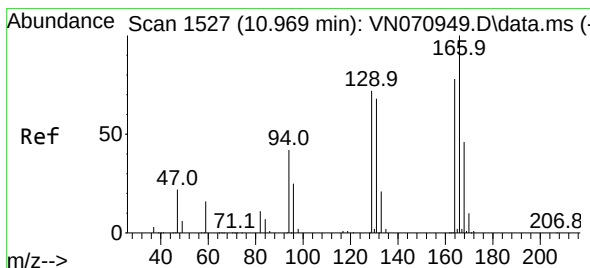
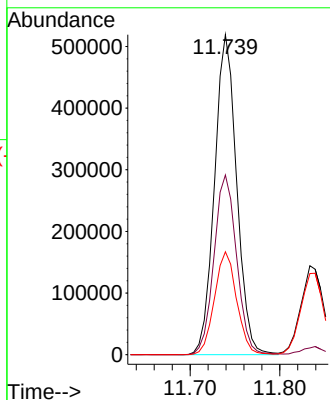
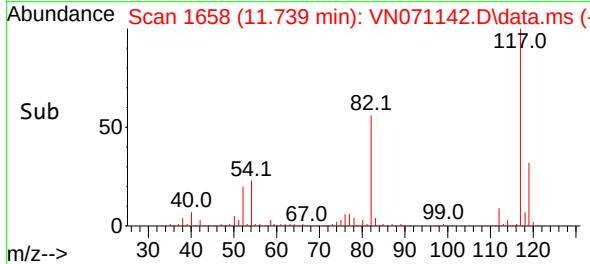
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



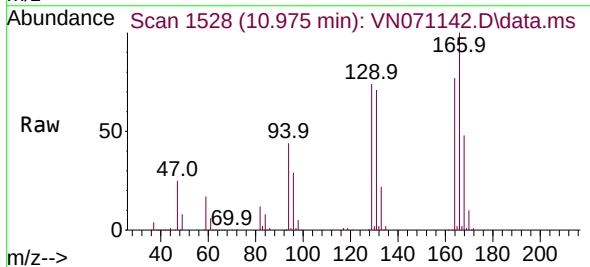
Tgt Ion:117 Resp: 890104
Ion Ratio Lower Upper
117 100
82 56.1 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

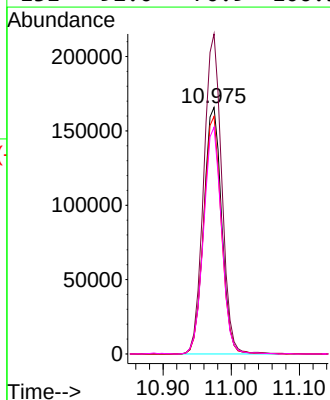
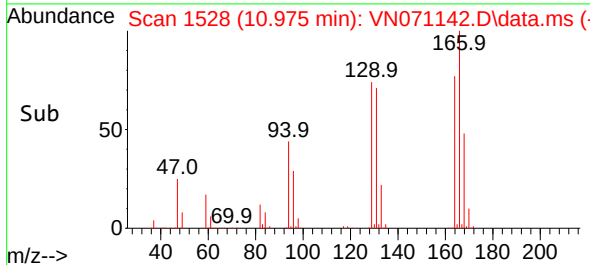
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

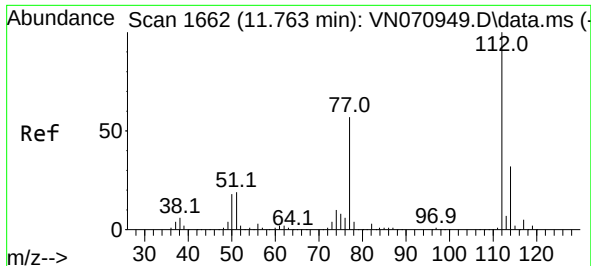


#64
Tetrachloroethene
Concen: 43.705 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



Tgt Ion:164 Resp: 302968
Ion Ratio Lower Upper
164 100
166 129.8 101.9 152.9
129 96.4 72.0 108.0
131 92.0 70.9 106.3





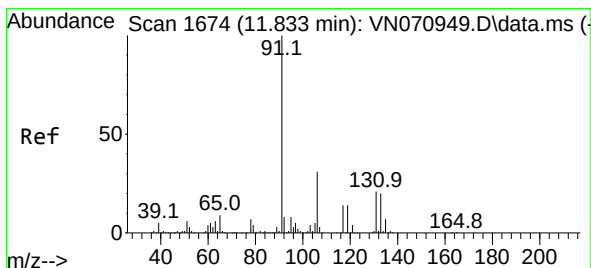
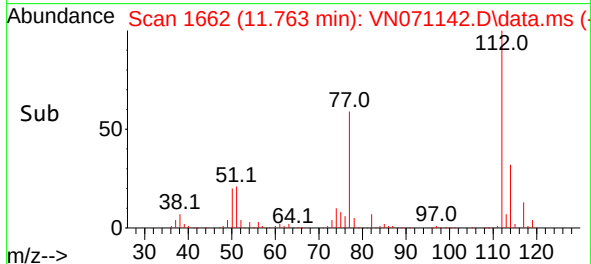
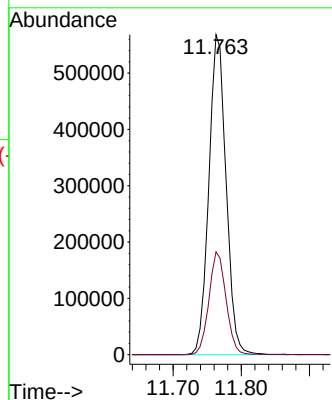
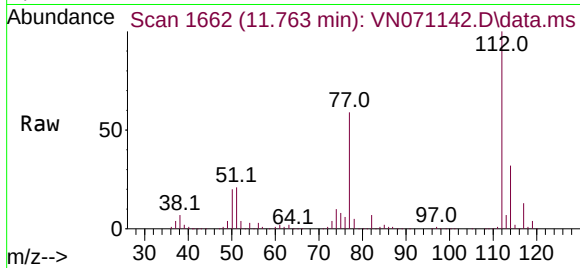
#65
Chlorobenzene
Concen: 52.110 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 999485
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

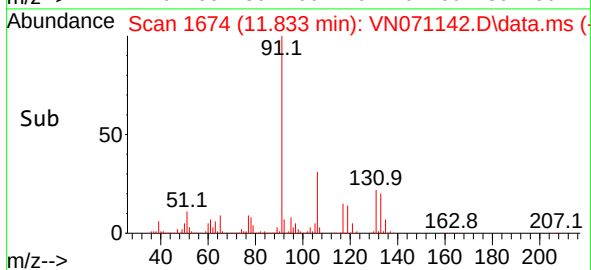
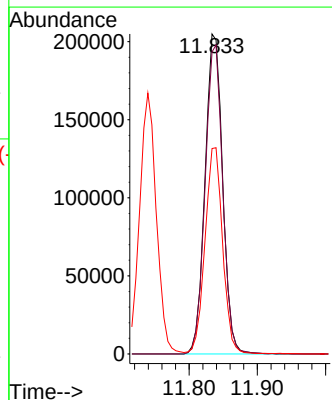
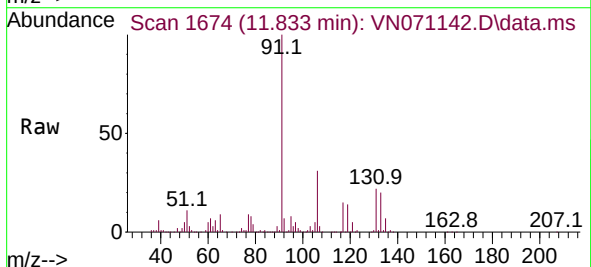
Manual Integrations
APPROVED

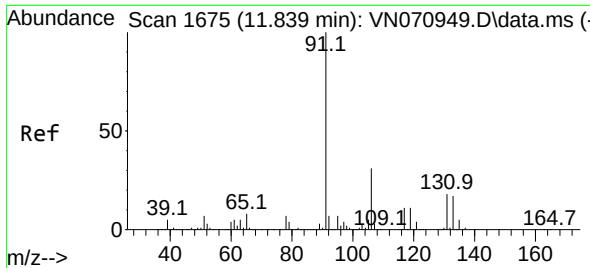
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 52.576 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Tgt Ion:131 Resp: 367588
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.7
119 64.4 32.1 96.5





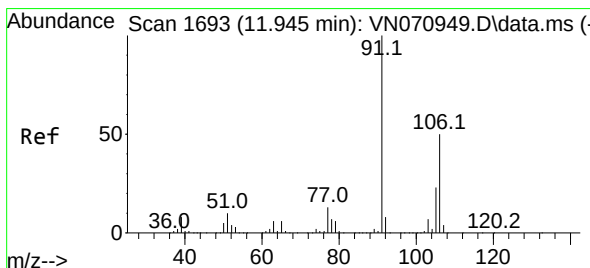
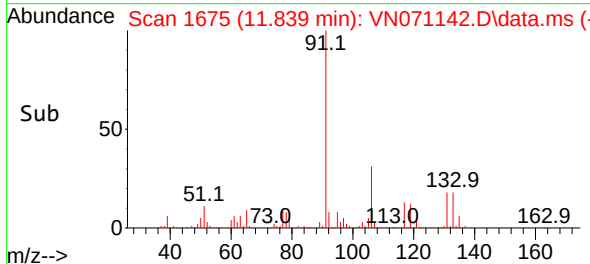
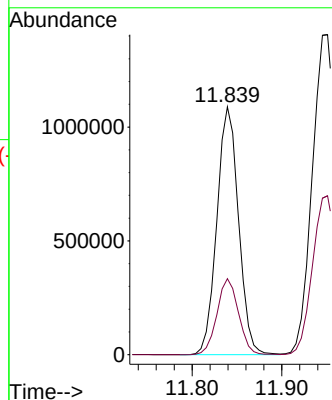
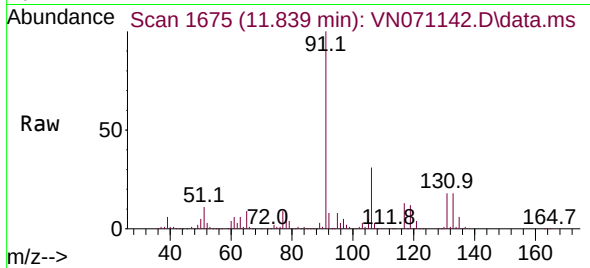
#67
Ethyl Benzene
Concen: 54.364 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1825004
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

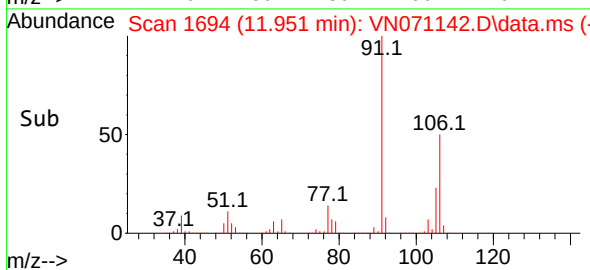
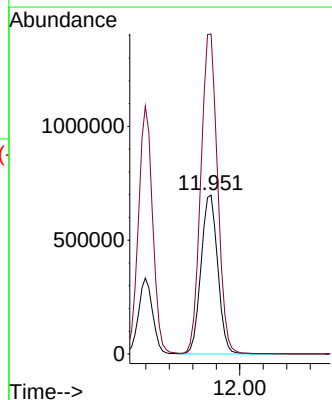
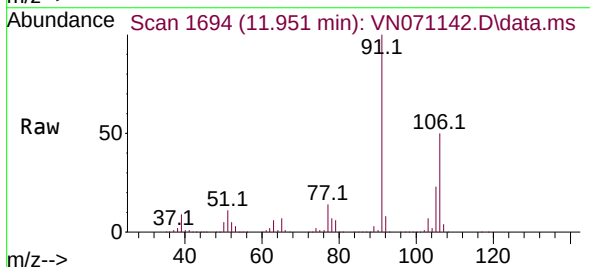
Manual Integrations
APPROVED

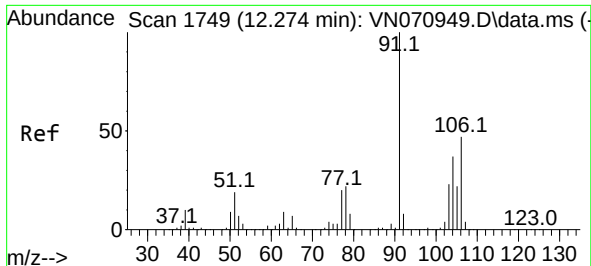
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#68
m/p-Xylenes
Concen: 106.074 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Tgt Ion:106 Resp: 1375463
Ion Ratio Lower Upper
106 100
91 202.1 160.6 240.8





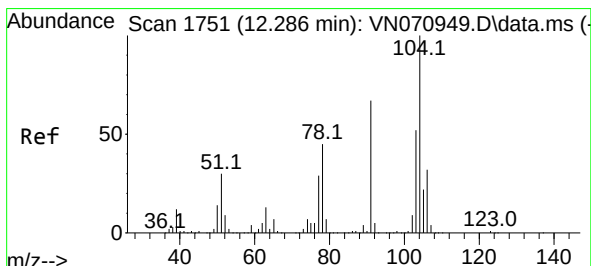
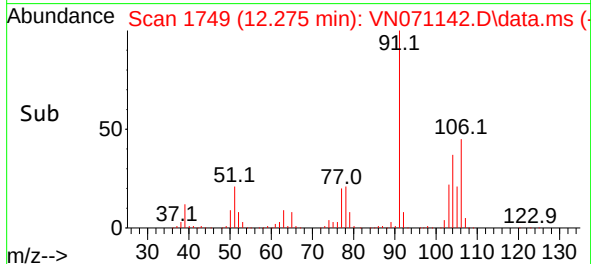
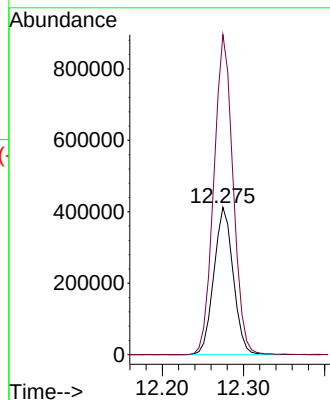
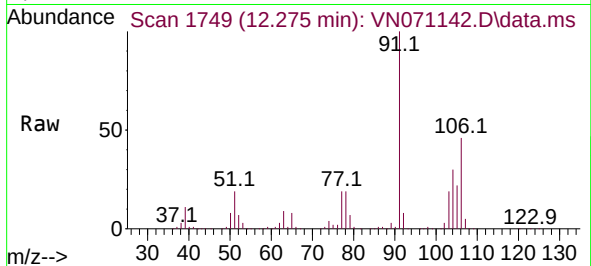
#69
o-Xylene
Concen: 53.887 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 682584
Ion Ratio Lower Upper
106 100
91 216.6 105.8 317.3

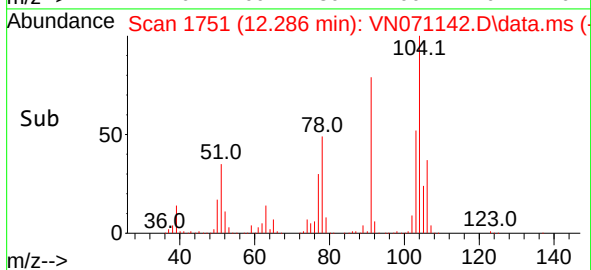
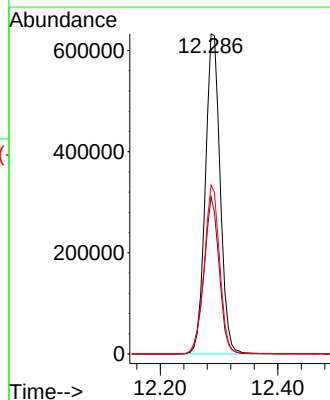
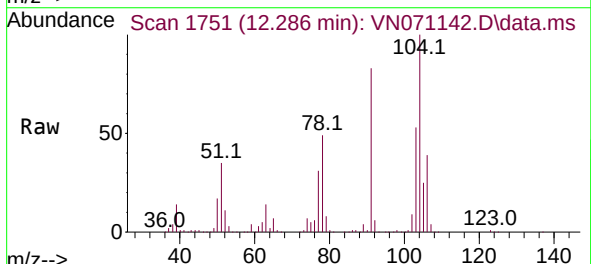
Manual Integrations
APPROVED

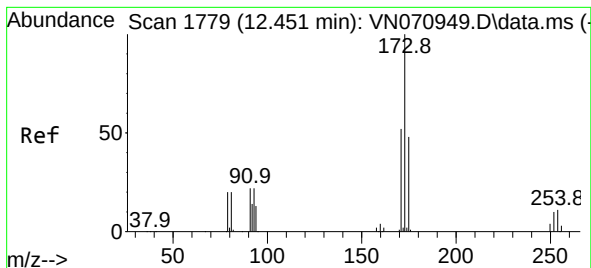
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#70
Styrene
Concen: 55.292 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Tgt Ion:104 Resp: 1113661
Ion Ratio Lower Upper
104 100
78 50.2 38.7 58.1
103 54.9 45.0 67.6





#71

Bromoform

Concen: 54.147 ug/l

RT: 12.451 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 301504

Ion Ratio Lower Upper

173 100

175 48.7 24.2 72.6

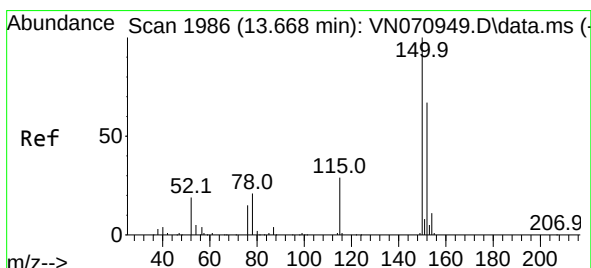
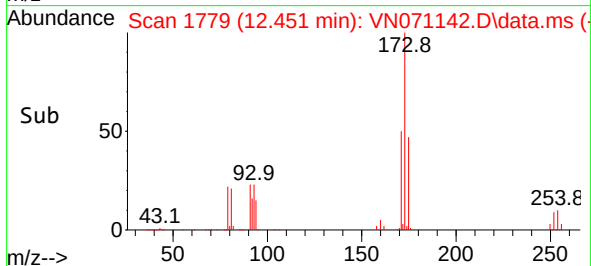
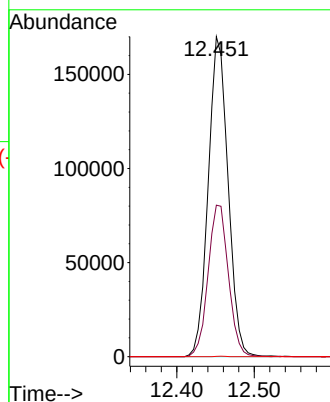
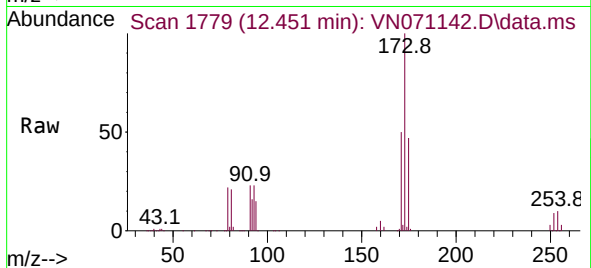
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

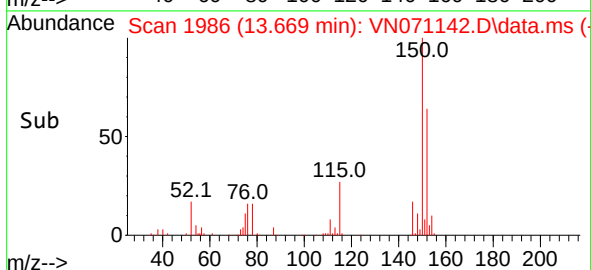
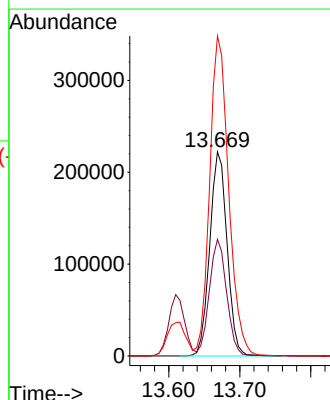
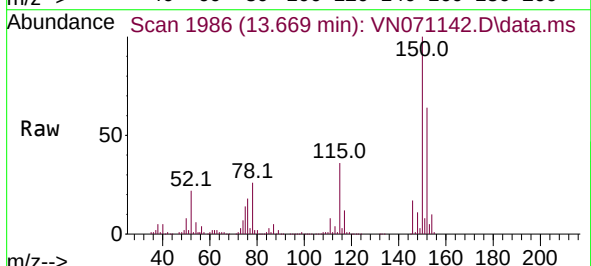
Tgt Ion:152 Resp: 376802

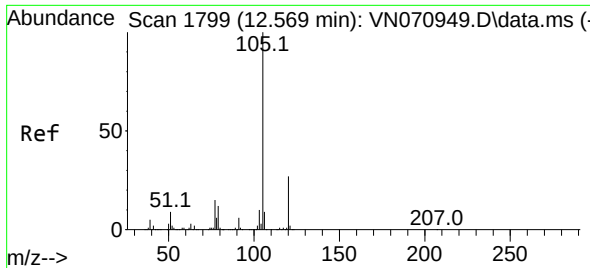
Ion Ratio Lower Upper

152 100

115 56.9 27.5 82.5

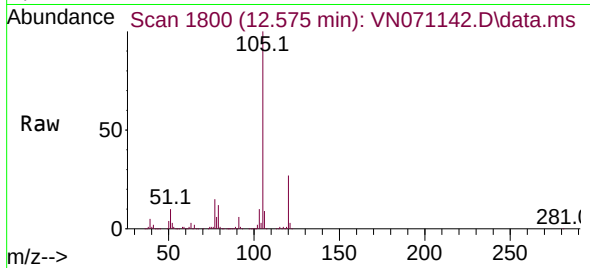
150 171.9 0.0 344.4





#73
Isopropylbenzene
Concen: 58.698 ug/l
RT: 12.575 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

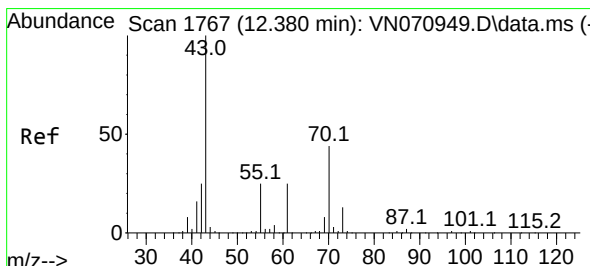
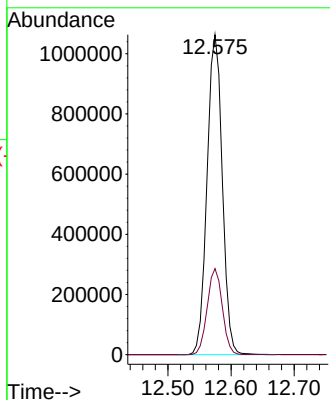
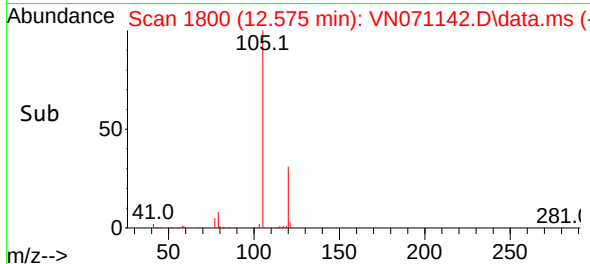
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1780268
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

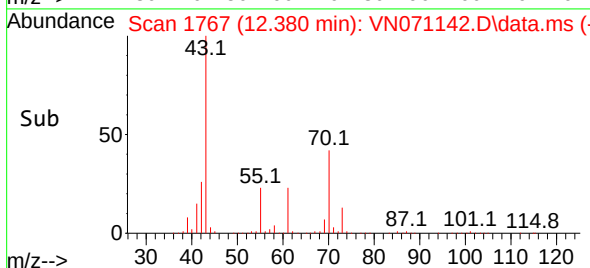
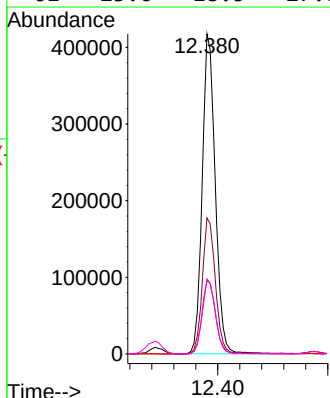
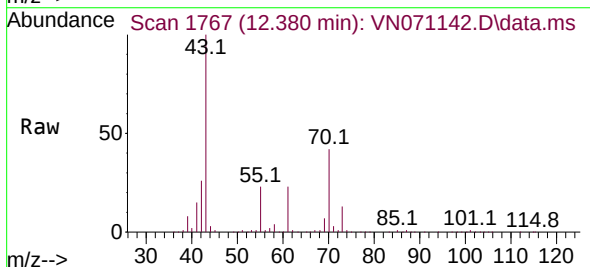
Manual Integrations
APPROVED

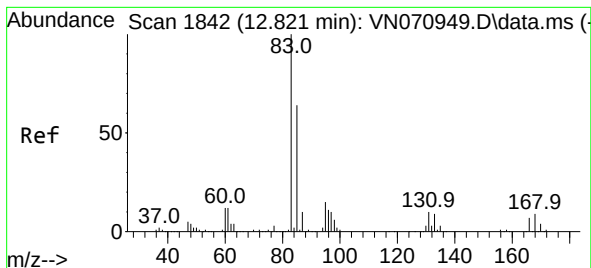
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#74
N-ethyl acetate
Concen: 70.928 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

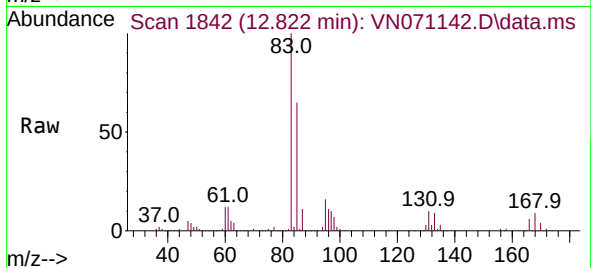
Tgt Ion: 43 Resp: 687639
Ion Ratio Lower Upper
43 100
70 42.5 33.4 50.0
55 23.9 19.3 28.9
61 23.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 59.329 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

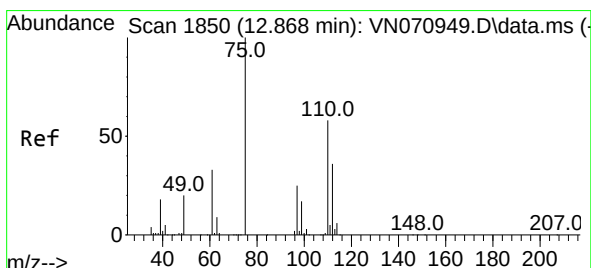
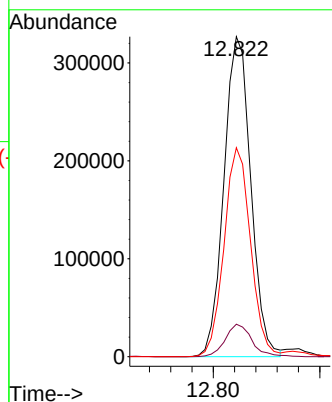
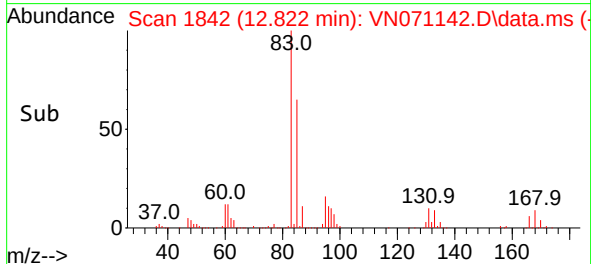
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



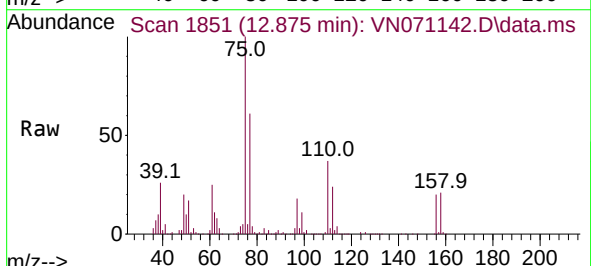
Tgt Ion: 83 Resp: 571800
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.4 32.4 97.2

Manual Integrations
APPROVED

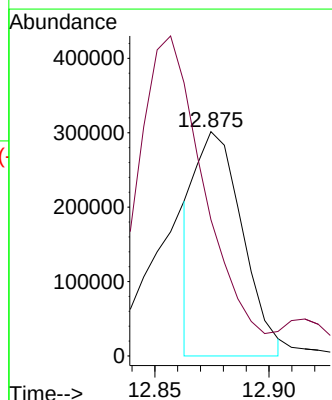
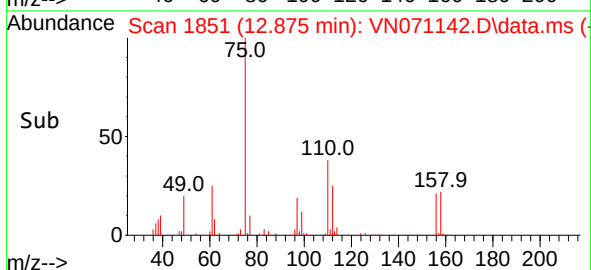
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

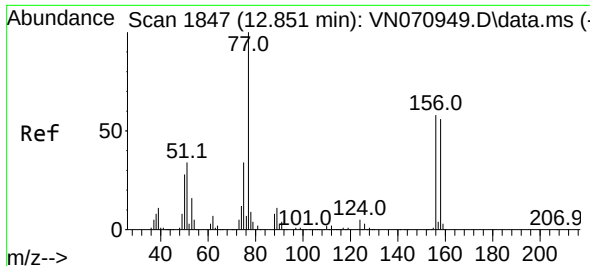


#76
1,2,3-Trichloropropane
Concen: 48.818 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



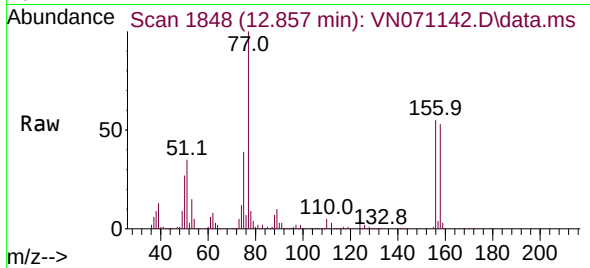
Tgt Ion: 75 Resp: 433103
Ion Ratio Lower Upper
75 100
77 204.8 82.6 247.8





#77
Bromobenzene
Concen: 54.863 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

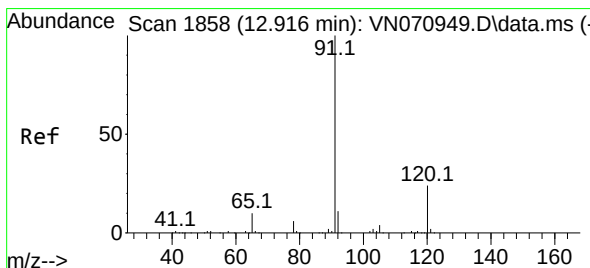
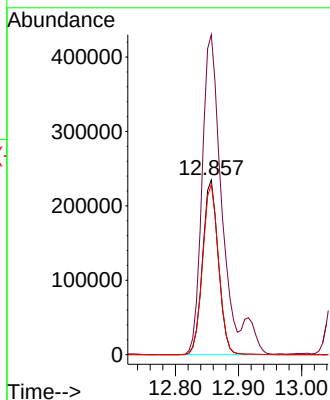
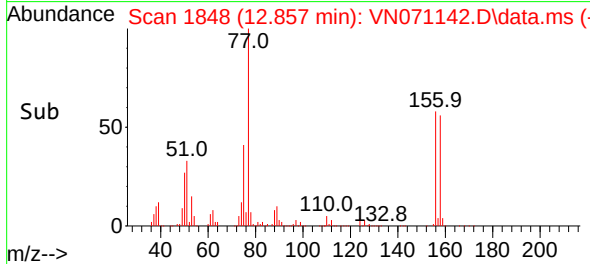
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 407340
Ion Ratio Lower Upper
156 100
77 217.8 90.6 271.8
158 98.6 48.9 146.7

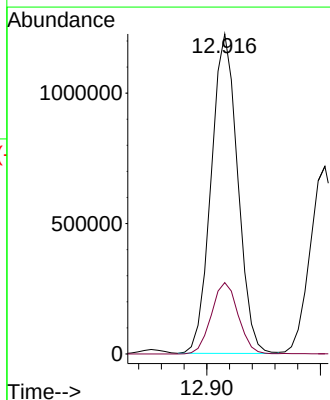
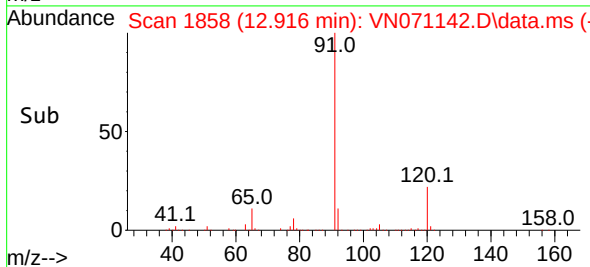
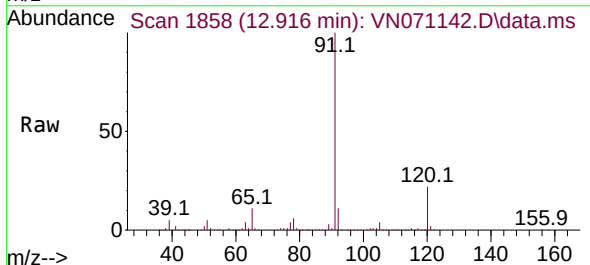
Manual Integrations
APPROVED

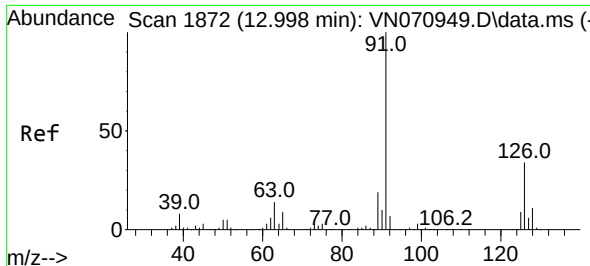
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#78
n-propylbenzene
Concen: 58.329 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Tgt Ion: 91 Resp: 1987650
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9





#79

2-Chlorotoluene

Concen: 58.481 ug/l

RT: 13.004 min Scan# 1872

Delta R.T. 0.006 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 121021

Ion Ratio Lower Upper

91 100

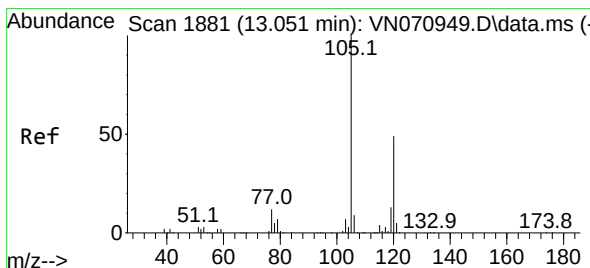
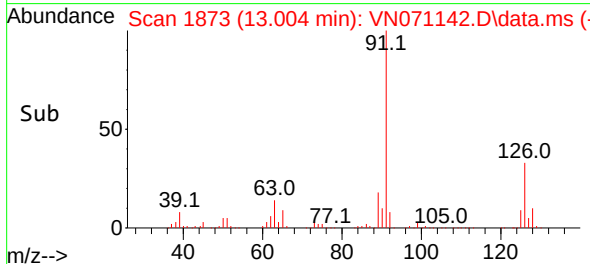
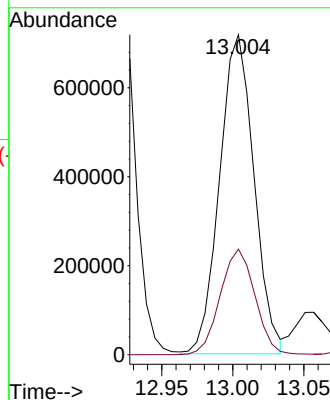
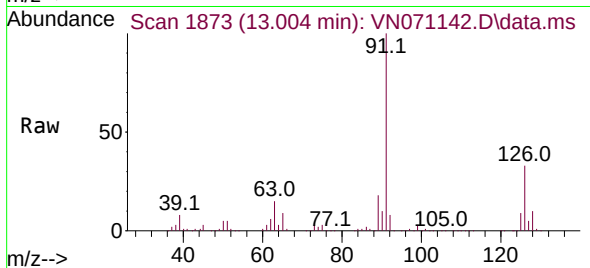
126 33.4 18.3 54.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#80

1,3,5-Trimethylbenzene

Concen: 58.229 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. 0.006 min

Lab File: VN071142.D

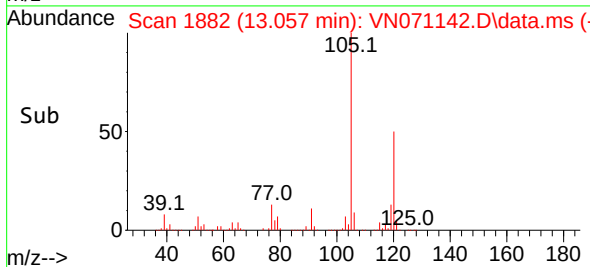
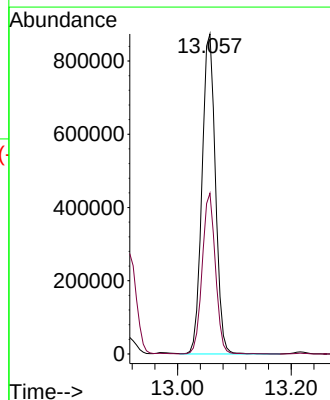
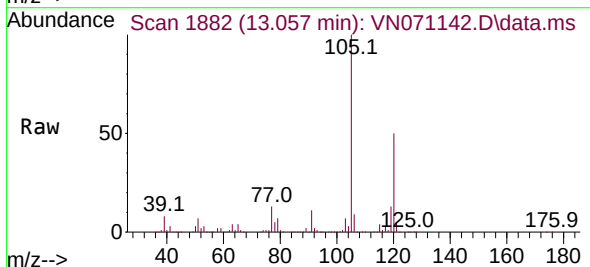
Acq: 02 Mar 2022 17:11

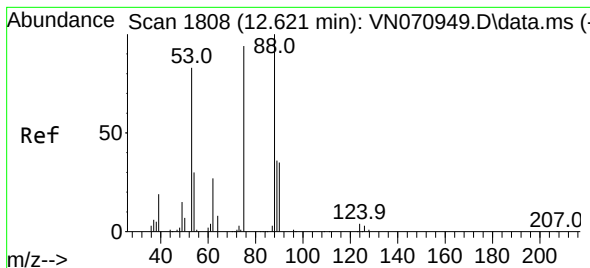
Tgt Ion:105 Resp: 1430764

Ion Ratio Lower Upper

105 100

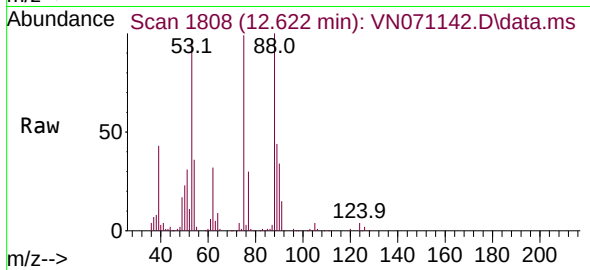
120 49.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 61.911 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

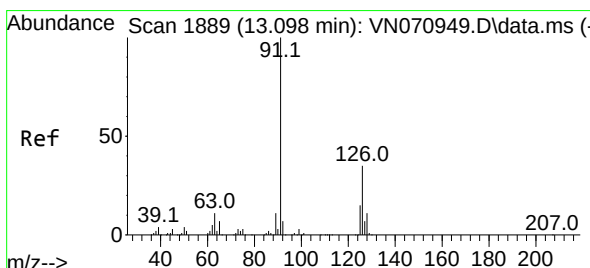
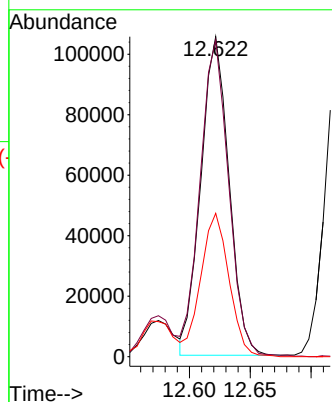
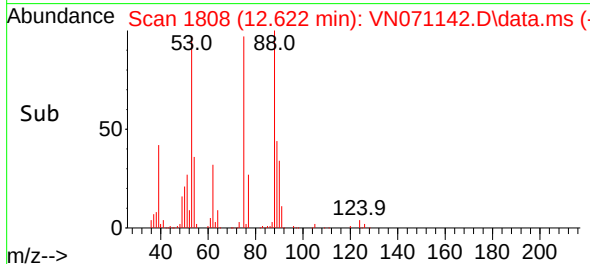
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 16950
Ion Ratio Lower Upper
75 100
53 101.1 90.5 135.7
89 45.3 38.2 57.4

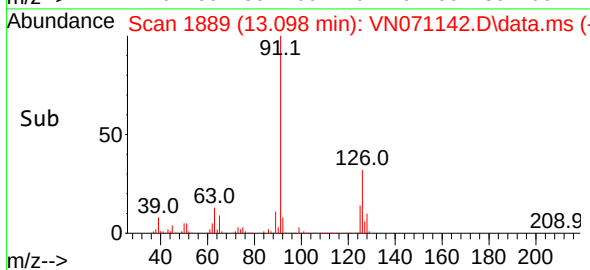
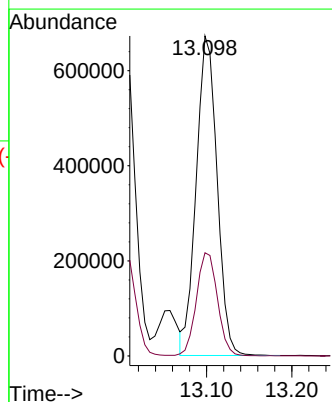
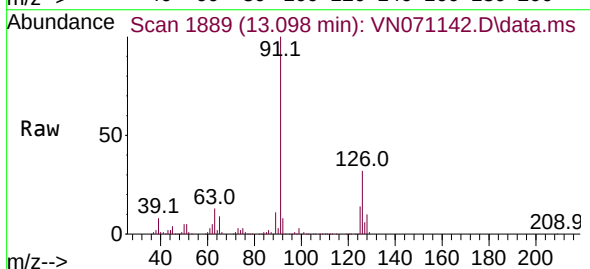
Manual Integrations
APPROVED

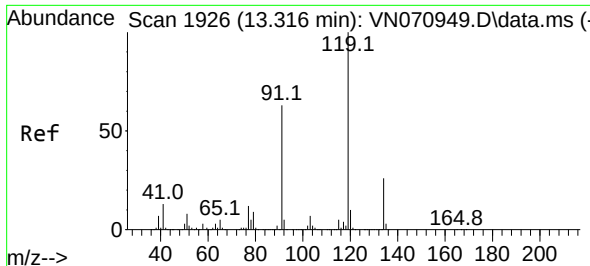
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#82
4-Chlorotoluene
Concen: 56.922 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

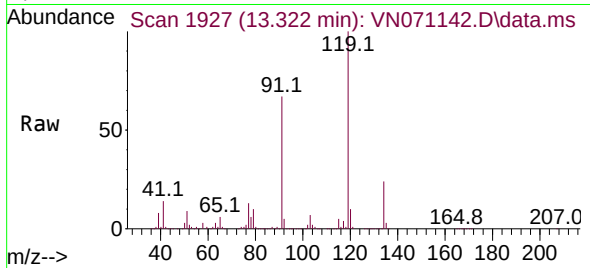
Tgt Ion: 91 Resp: 1143454
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 55.724 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

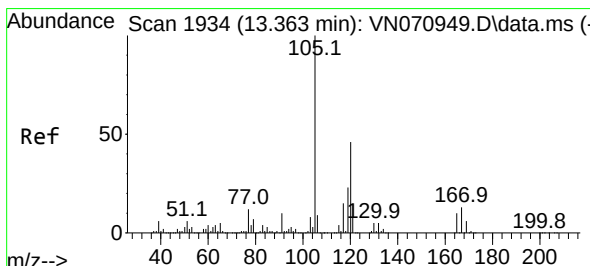
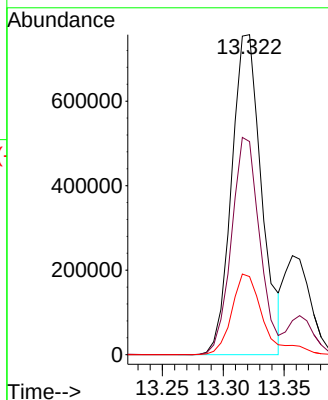
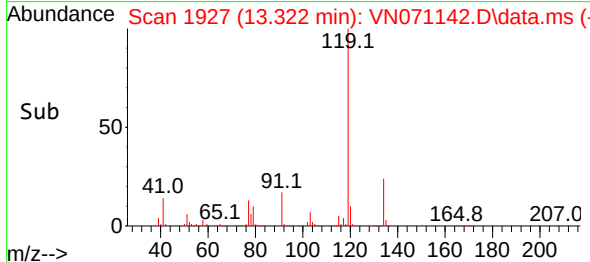
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



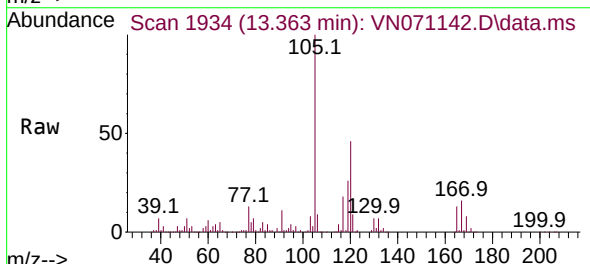
Tgt Ion:119 Resp: 1298540
Ion Ratio Lower Upper
119 100
91 64.0 31.5 94.5
134 26.6 12.4 37.4

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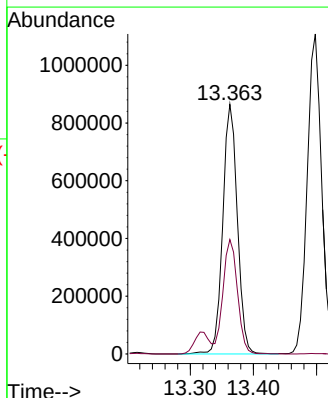
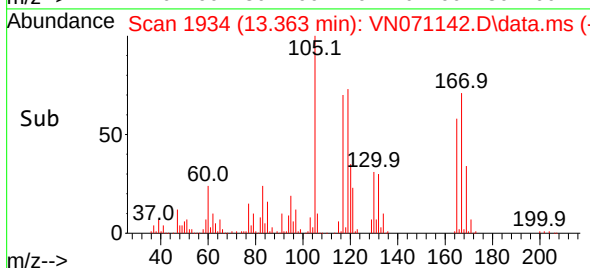
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

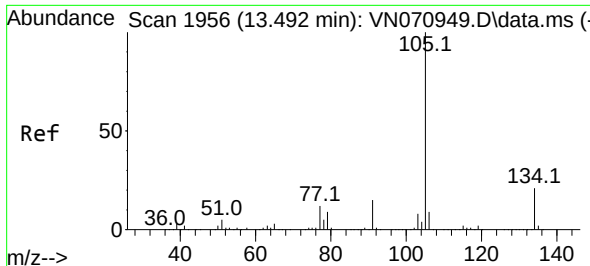


#84
1,2,4-Trimethylbenzene
Concen: 57.560 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



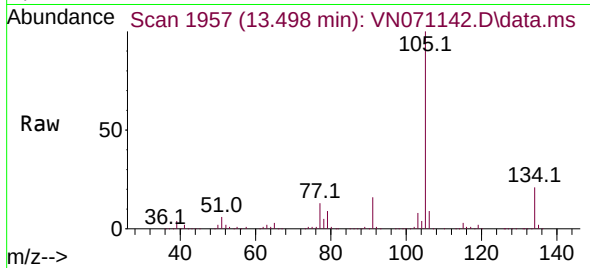
Tgt Ion:105 Resp: 1392237
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 57.239 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11

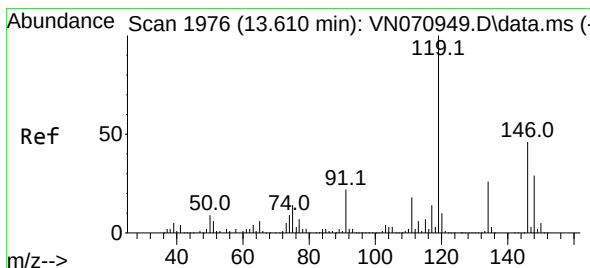
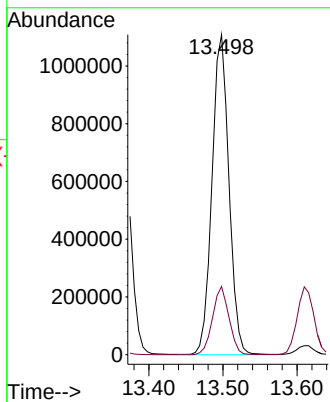
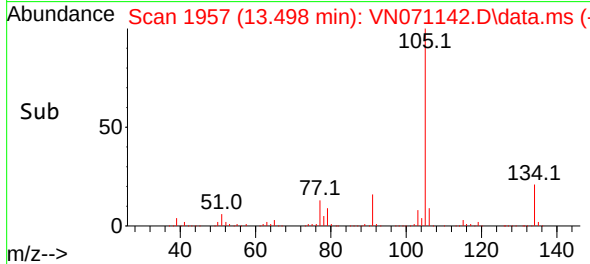
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



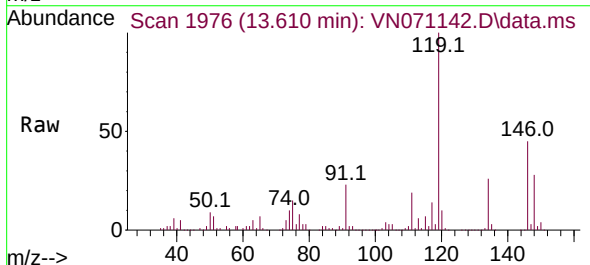
Tgt Ion:105 Resp: 175755
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

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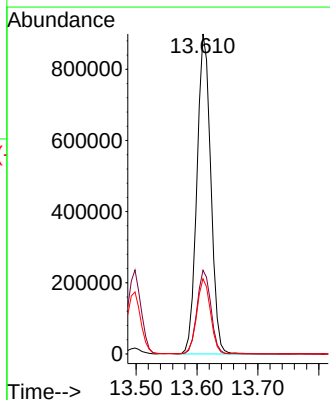
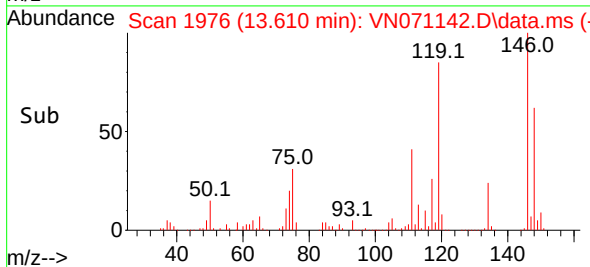
Reviewed By :John Carlone 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022

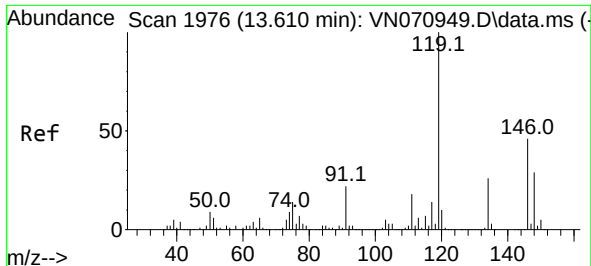


#86
 p-Isopropyltoluene
 Concen: 56.125 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11



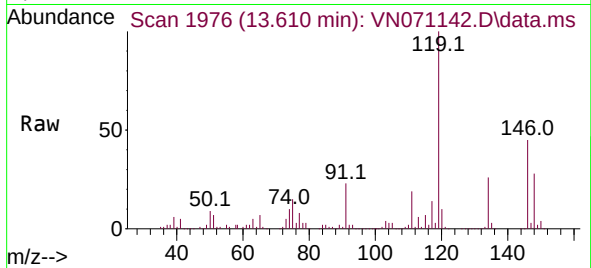
Tgt Ion:119 Resp: 1414730
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.6 40.7
 91 23.1 11.4 34.1





#87
 1,3-Dichlorobenzene
 Concen: 52.144 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11

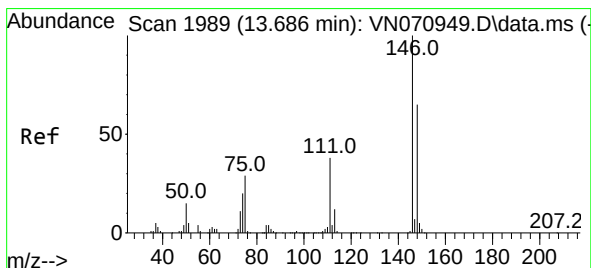
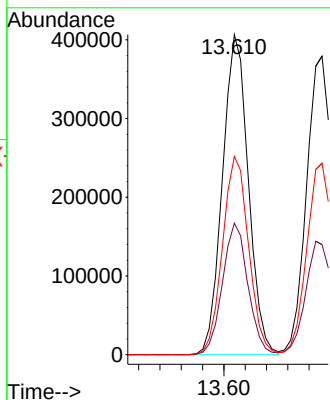
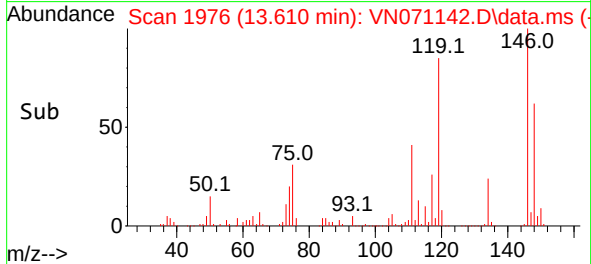
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



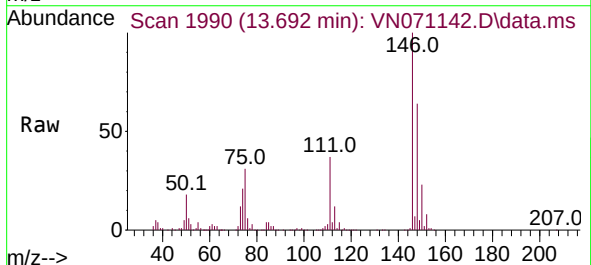
Tgt Ion:146 Resp: 685348
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.6 55.6
 148 62.4 31.6 95.0

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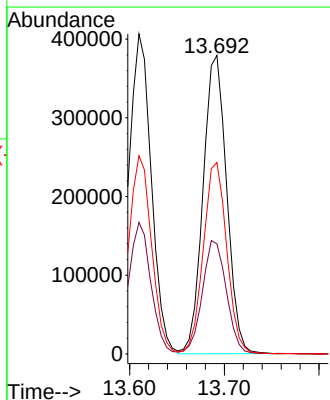
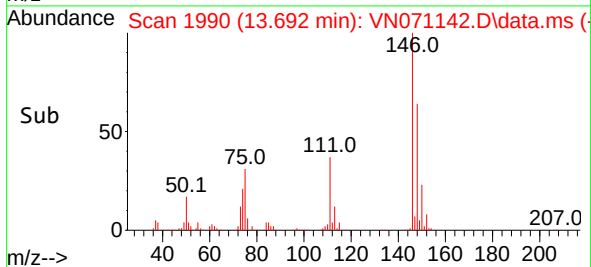
Reviewed By :John Carlone 03/03/2022
 Supervised By :Mahesh Dadoda 03/03/2022

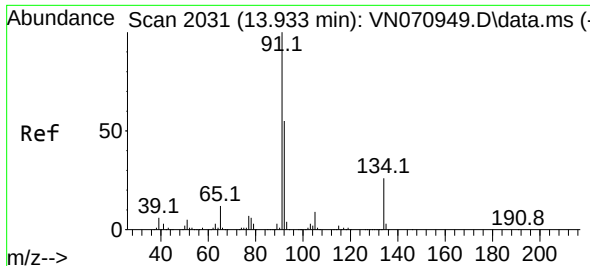


#88
 1,4-Dichlorobenzene
 Concen: 50.939 ug/l
 RT: 13.692 min Scan# 1990
 Delta R.T. 0.006 min
 Lab File: VN071142.D
 Acq: 02 Mar 2022 17:11



Tgt Ion:146 Resp: 655954
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.3 54.8
 148 63.9 31.8 95.4





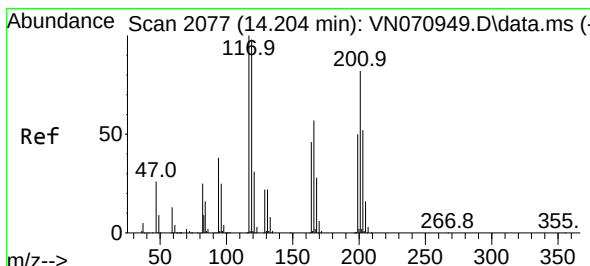
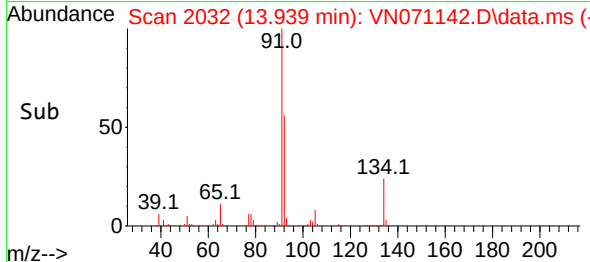
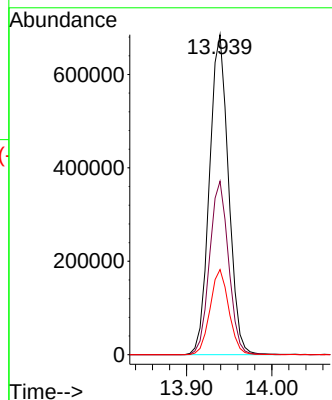
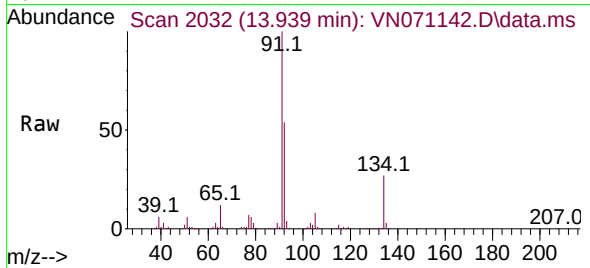
#89
n-Butylbenzene
Concen: 51.860 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1066530
Ion Ratio Lower Upper
91 100
92 54.1 25.4 76.0
134 26.2 13.6 40.8

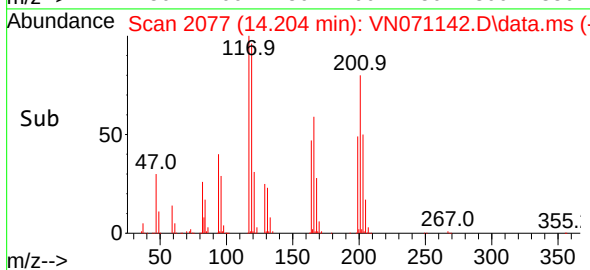
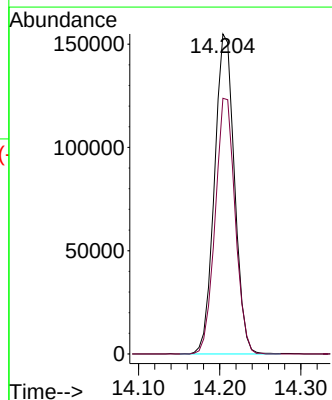
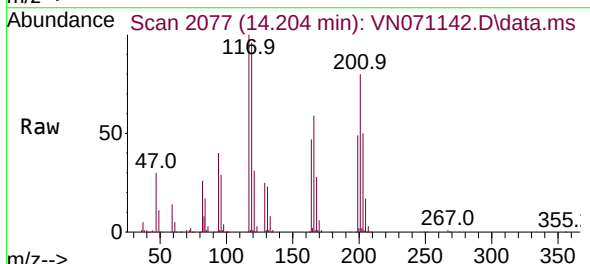
Manual Integrations
APPROVED

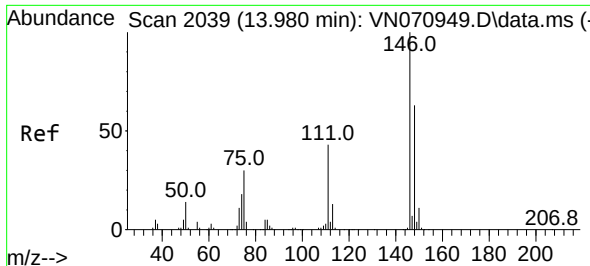
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#90
Hexachloroethane
Concen: 58.884 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Tgt Ion:117 Resp: 265073
Ion Ratio Lower Upper
117 100
201 79.8 43.9 131.6





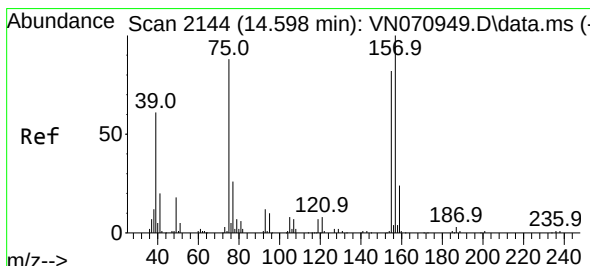
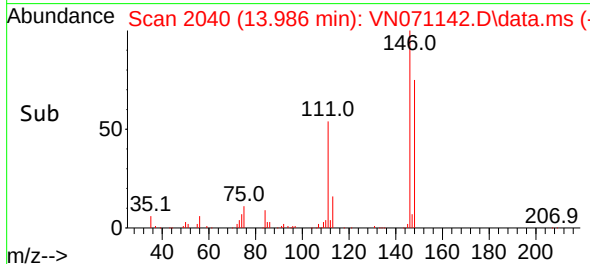
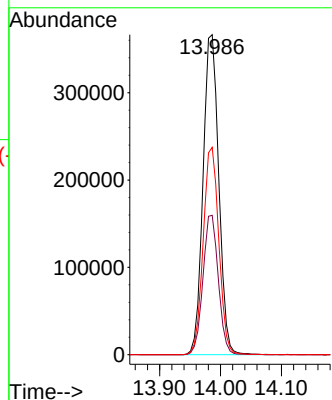
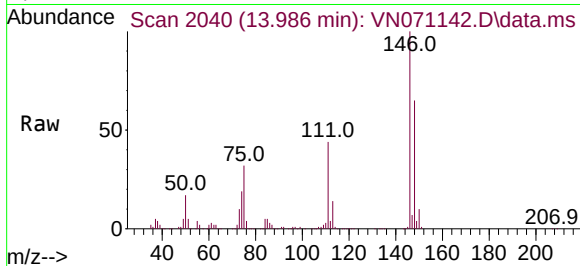
#91
1,2-Dichlorobenzene
Concen: 53.197 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 65655
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 64.4 32.1 96.3

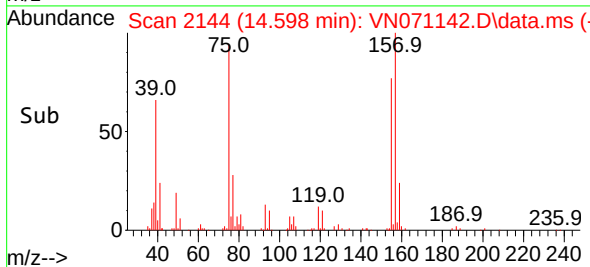
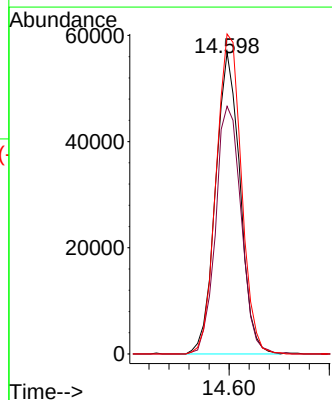
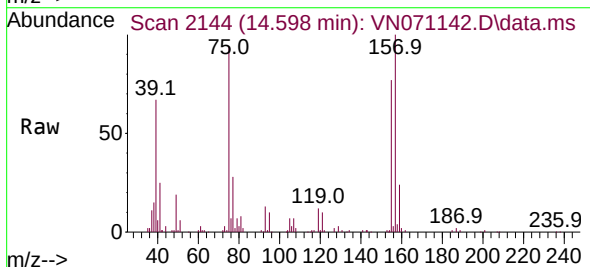
Manual Integrations
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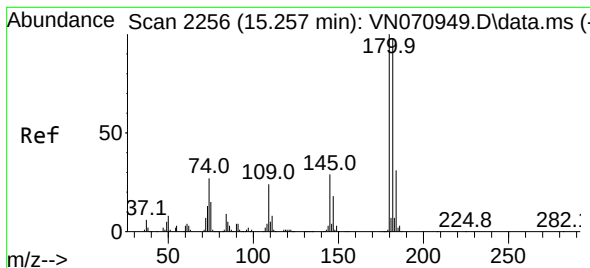
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.586 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

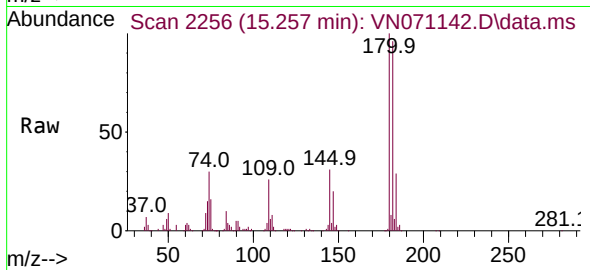
Tgt Ion: 75 Resp: 96169
Ion Ratio Lower Upper
75 100
155 85.8 46.9 140.7
157 109.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 43.655 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11

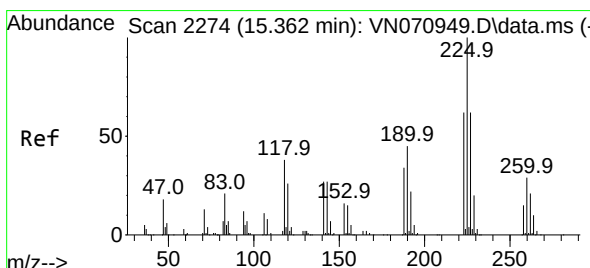
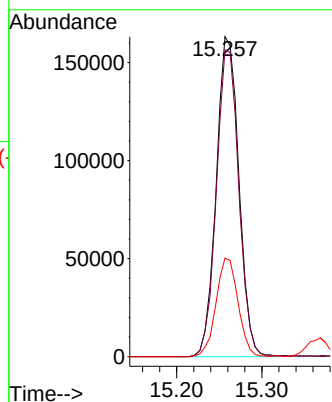
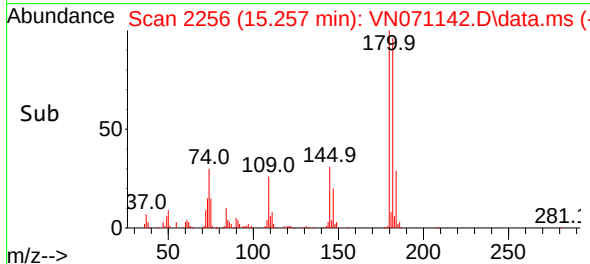
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



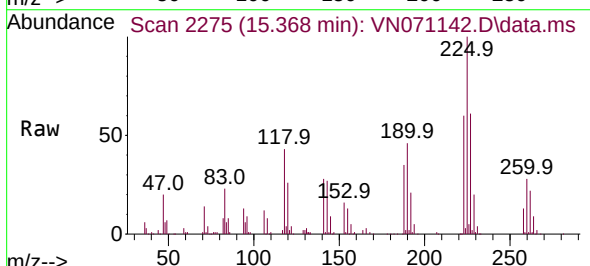
Tgt Ion:180 Resp: 30101
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.9
145 30.0 14.5 43.5

Manual Integrations
APPROVED

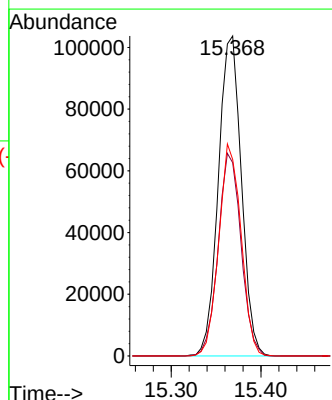
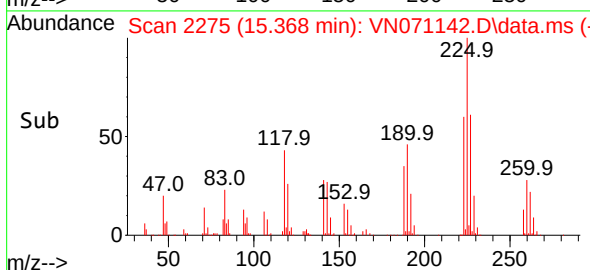
Reviewed By :John Carlone 03/03/2022
Supervised By :Mahesh Dadoda 03/03/2022

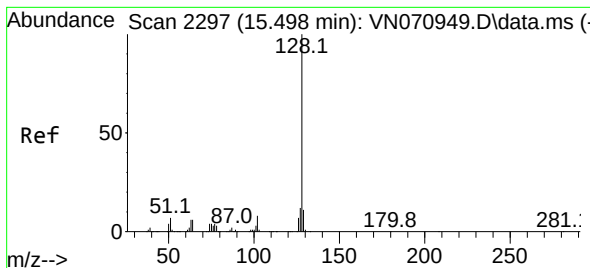


#94
Hexachlorobutadiene
Concen: 40.996 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071142.D
Acq: 02 Mar 2022 17:11



Tgt Ion:225 Resp: 184508
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.7
227 64.3 32.1 96.3





#95

Naphthalene

Concen: 44.684 ug/l

RT: 15.504 min Scan# 2297

Delta R.T. 0.006 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 742818

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

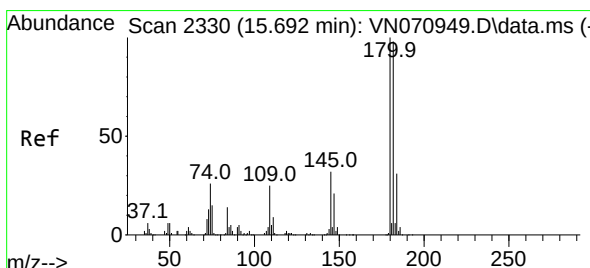
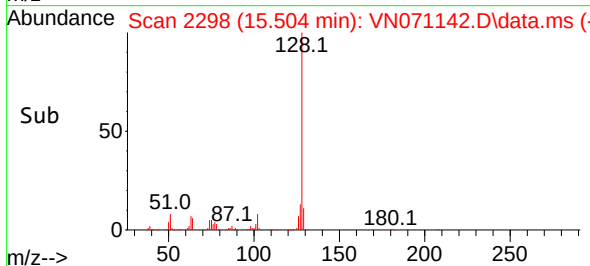
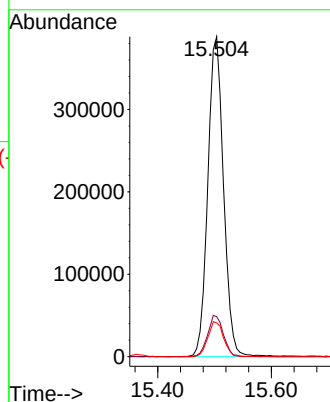
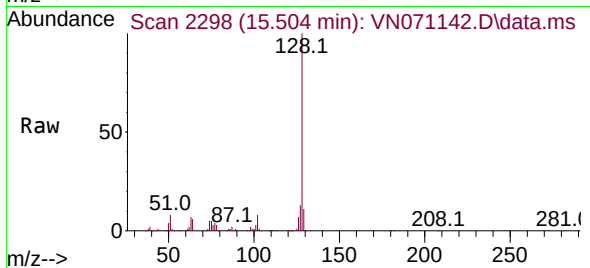
129 11.0 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/03/2022

Supervised By :Mahesh Dadoda 03/03/2022



#96

1,2,3-Trichlorobenzene

Concen: 44.502 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN071142.D

Acq: 02 Mar 2022 17:11

Tgt Ion:180 Resp: 282739

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.2

145 31.2 15.0 45.1

