

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110221\
 Data File : VN069337.D
 Acq On : 2 Nov 2021 9:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/03/2021
 Supervised By : Mahesh Dadoda 11/03/2021

Quant Time: Nov 03 01:14:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	255334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	423381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	397848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	188158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	182058	49.394	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.780%		
35) Dibromofluoromethane	8.024	113	137806	52.215	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.420%		
50) Toluene-d8	10.440	98	547329	51.868	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.740%		
62) 4-Bromofluorobenzene	12.731	95	209290	52.559	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.120%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	141815	47.440	ug/l	100
3) Chloromethane	2.303	50	138396	45.277	ug/l	100
4) Vinyl Chloride	2.448	62	167204	45.253	ug/l	100
5) Bromomethane	2.858	94	111483	51.930	ug/l	99
6) Chloroethane	3.022	64	110743	49.774	ug/l	98
7) Trichlorofluoromethane	3.376	101	273297	60.350	ug/l	98
8) Diethyl Ether	3.821	74	79383	49.279	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.207	101	126979	52.861	ug/l	99
10) Methyl Iodide	4.419	142	142513	41.034	ug/l	97
11) Tert butyl alcohol	5.371	59	128776	183.498	ug/l	100
12) 1,1-Dichloroethene	4.178	96	115711	50.383	ug/l	97
13) Acrolein	4.041	56	28547	175.876	ug/l	98
14) Allyl chloride	4.838	41	194536	47.882	ug/l	95
15) Acrylonitrile	5.554	53	362074	232.882	ug/l	98
16) Acetone	4.285	43	434913	276.945	ug/l	99
17) Carbon Disulfide	4.529	76	279558	45.713	ug/l	99
18) Methyl Acetate	4.856	43	247330	46.346	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	438636	48.543	ug/l	100
20) Methylene Chloride	5.095	84	137105	45.517	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	126521	48.788	ug/l	99
22) Diisopropyl ether	6.498	45	426804	45.197	ug/l	99
23) Vinyl Acetate	6.433	43	1655244	221.086	ug/l	99
24) 1,1-Dichloroethane	6.388	63	244638	50.381	ug/l	99
25) 2-Butanone	7.337	43	549312	228.379	ug/l	98
26) 2,2-Dichloropropane	7.327	77	218846	45.967	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	153075	49.957	ug/l	100
28) Bromochloromethane	7.656	49	149594	61.489	ug/l	96
29) Tetrahydrofuran	7.686	42	323289	209.469	ug/l	96
30) Chloroform	7.817	83	266630	50.512	ug/l	99
31) Cyclohexane	8.094	56	232236	47.078	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	238738	46.272	ug/l	98
36) 1,1-Dichloropropene	8.222	75	198386	54.352	ug/l	99
37) Ethyl Acetate	7.415	43	205256	49.348	ug/l	99
38) Carbon Tetrachloride	8.206	117	198970	47.835	ug/l	99
39) Methylcyclohexane	9.459	83	250837	55.502	ug/l	96
40) Benzene	8.461	78	576859	52.544	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	98101	47.841	ug/l	94
42) 1,2-Dichloroethane	8.531	62	214029	51.804	ug/l	100
43) Isopropyl Acetate	8.560	43	332393	45.861	ug/l	98
44) Trichloroethene	9.217	130	147106	53.212	ug/l	99
45) 1,2-Dichloropropane	9.491	63	149772	53.585	ug/l	99
46) Dibromomethane	9.577	93	105858	53.306	ug/l	99
47) Bromodichloromethane	9.762	83	207083	48.727	ug/l	100
48) Methyl methacrylate	9.561	41	146650	46.715	ug/l	90
49) 1,4-Dioxane	9.569	88	56837	756.296	ug/l	95
51) 4-Methyl-2-Pentanone	10.330	43	1047478	222.564	ug/l	99
52) Toluene	10.505	92	377794	52.471	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	223023	46.377	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	238126	47.626	ug/l	100
55) 1,1,2-Trichloroethane	10.899	97	147165	50.948	ug/l	98
56) Ethyl methacrylate	10.759	69	237788	44.981	ug/l	98
57) 1,3-Dichloropropane	11.044	76	251893	52.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	311230	213.455	ug/l	100
59) 2-Hexanone	11.084	43	806877	224.334	ug/l	99
60) Dibromochloromethane	11.239	129	152438	46.497	ug/l	100
61) 1,2-Dibromoethane	11.347	107	157382	47.750	ug/l	100
64) Tetrachloroethene	10.977	164	132017	51.950	ug/l	97
65) Chlorobenzene	11.771	112	407577	52.057	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	148121	48.968	ug/l	99
67) Ethyl Benzene	11.846	91	757212	53.088	ug/l	100
68) m/p-Xylenes	11.953	106	577127	108.624	ug/l	100
69) o-Xylene	12.280	106	281406	52.626	ug/l	99
70) Styrene	12.294	104	468103	48.220	ug/l	99
71) Bromoform	12.460	173	107590	43.991	ug/l #	100
73) Isopropylbenzene	12.578	105	759054	47.993	ug/l	99
74) N-amyl acetate	12.387	43	274157	44.002	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	228732	45.304	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	212456m	42.931	ug/l	
77) Bromobenzene	12.859	156	171385	46.192	ug/l	98
78) n-propylbenzene	12.921	91	895392	50.014	ug/l	100
79) 2-Chlorotoluene	13.007	91	530250	47.028	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	643388	49.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	66381	40.380	ug/l	90
82) 4-Chlorotoluene	13.106	91	532839	47.915	ug/l	100
83) tert-Butylbenzene	13.323	119	553756	48.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	629825	49.044	ug/l	99
85) sec-Butylbenzene	13.500	105	798187	50.289	ug/l	100
86) p-Isopropyltoluene	13.616	119	656012	51.825	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	318275	49.031	ug/l	99
88) 1,4-Dichlorobenzene	13.693	146	308868	49.004	ug/l	99
89) n-Butylbenzene	13.943	91	571586	53.321	ug/l	99
90) Hexachloroethane	14.211	117	106429	42.760	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	303367	47.970	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.603	75	43998	42.294	ug/l	97
93) 1,2,4-Trichlorobenzene	15.262	180	149250	48.899	ug/l	99
94) Hexachlorobutadiene	15.370	225	85366	54.854	ug/l	99
95) Naphthalene	15.507	128	385231	41.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	141802	47.619	ug/l	99

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VSTDCCC050

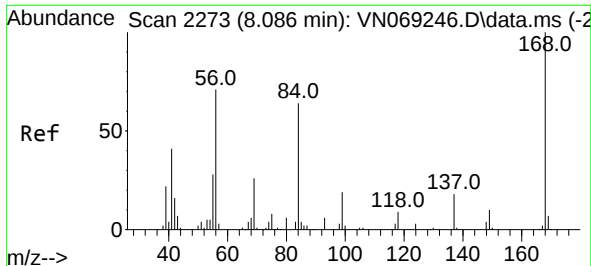
Manual Integrations
APPROVED

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Quant Time: Nov 03 01:14:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration

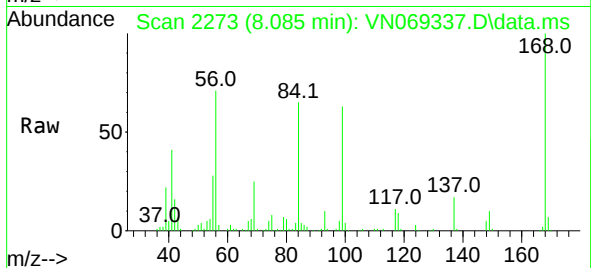
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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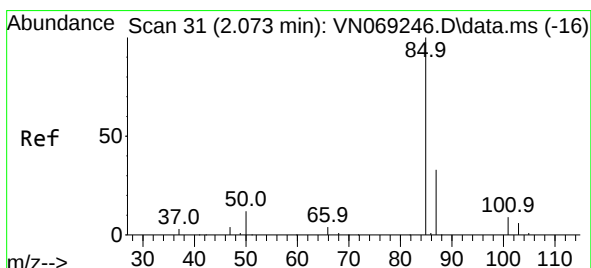
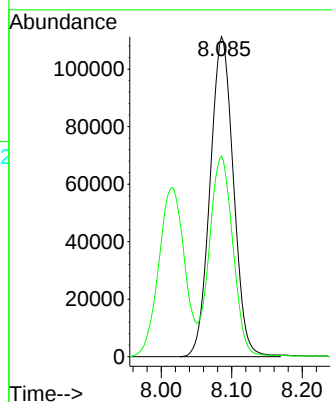
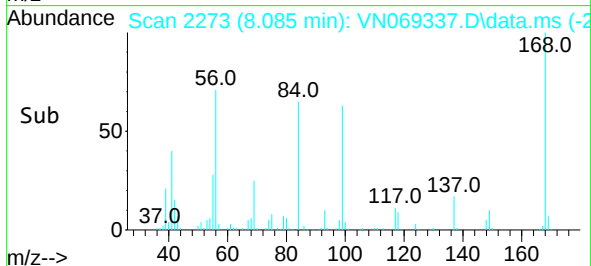
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 255334
Ion Ratio Lower Upper
168 100
99 62.3 48.9 73.3

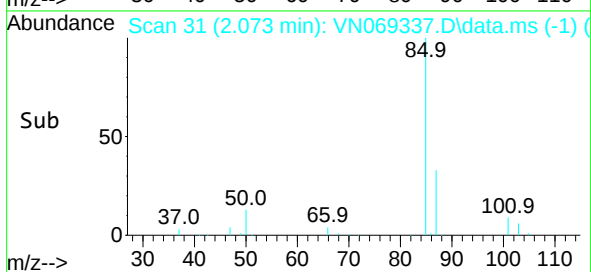
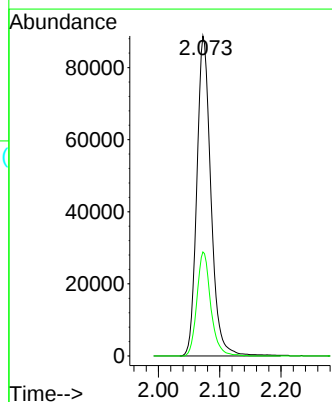
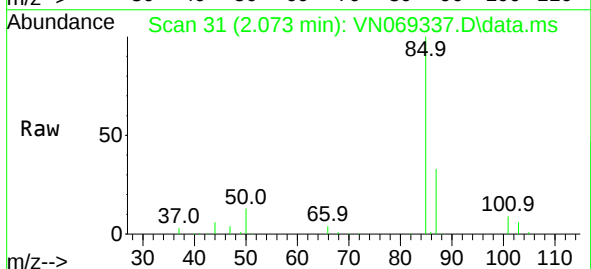
Manual Integrations
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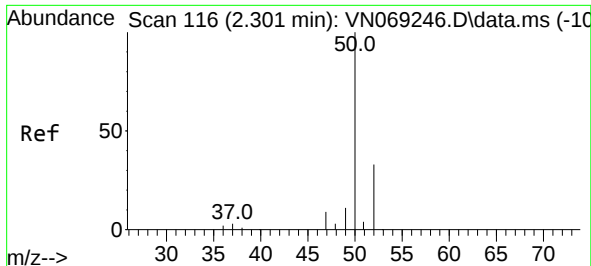
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#2
Dichlorodifluoromethane
Concen: 47.440 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

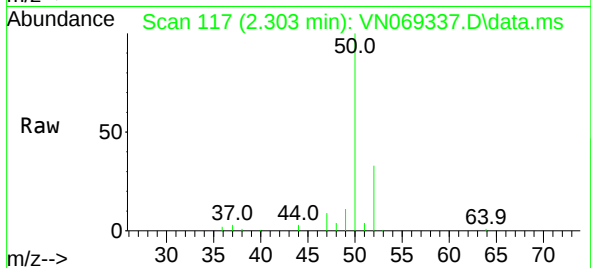
Tgt Ion: 85 Resp: 141815
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.8





#3
Chloromethane
Concen: 45.277 ug/l
RT: 2.303 min Scan# 116
Delta R.T. 0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

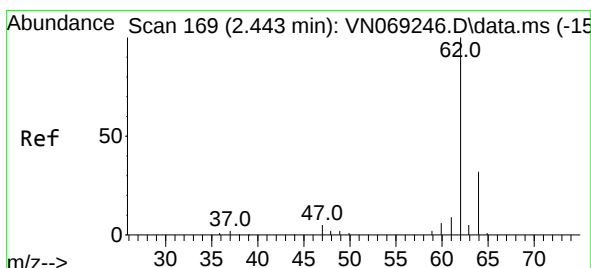
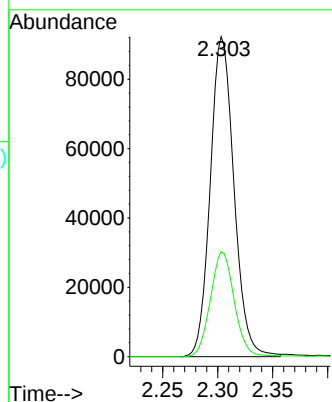
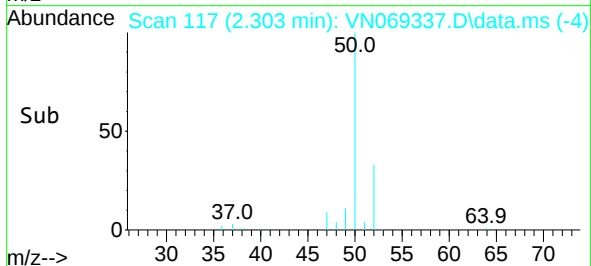
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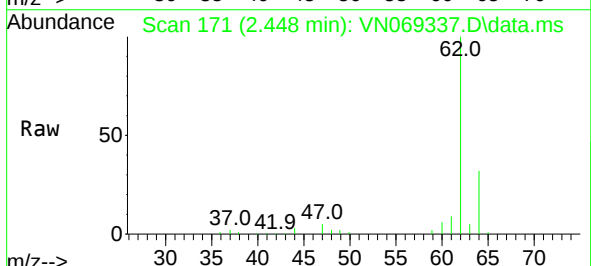
Tgt Ion: 50 Resp: 138390
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

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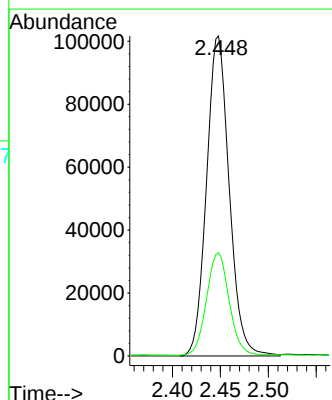
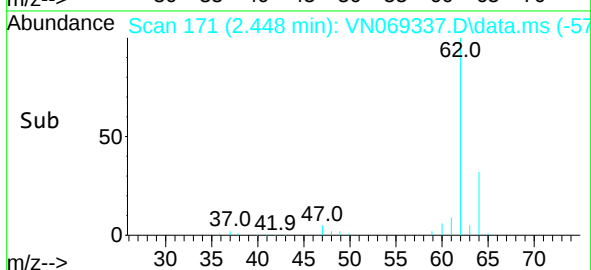
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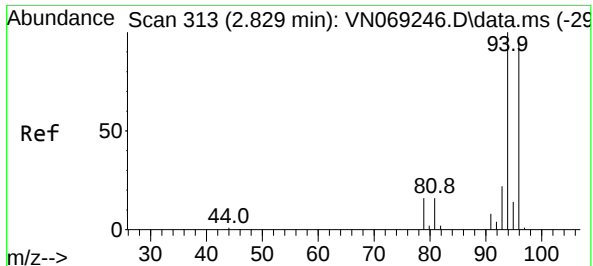


#4
Vinyl Chloride
Concen: 45.253 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.005 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



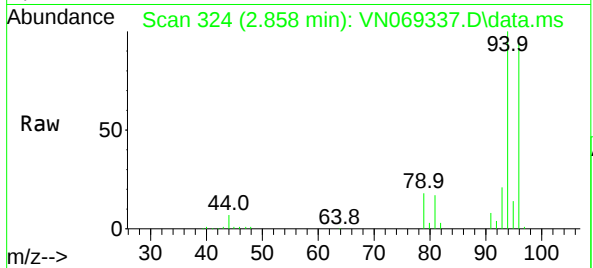
Tgt Ion: 62 Resp: 167204
Ion Ratio Lower Upper
62 100
64 31.9 25.7 38.5





#5
Bromomethane
Concen: 51.930 ug/l
RT: 2.858 min Scan# 313
Delta R.T. 0.029 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

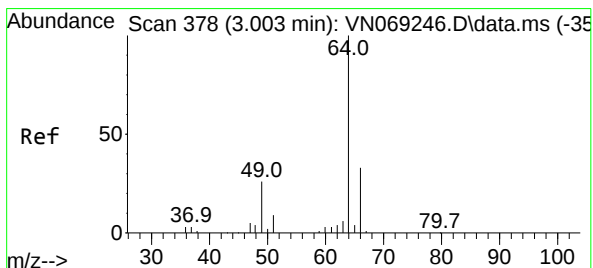
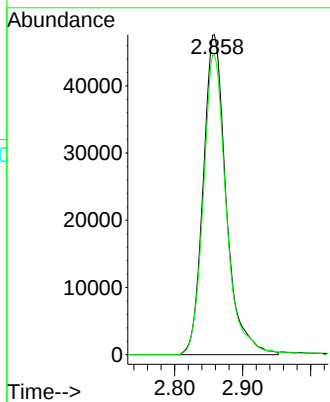
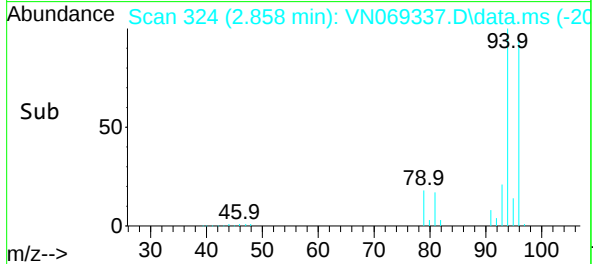
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Tgt Ion: 94 Resp: 111483
Ion Ratio Lower Upper
94 100
96 93.6 74.2 111.4

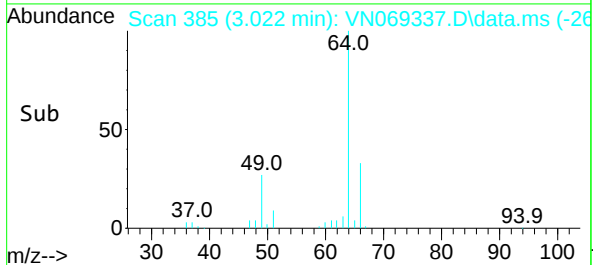
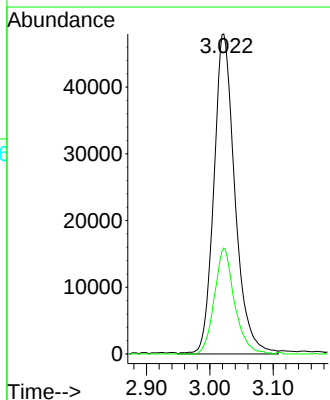
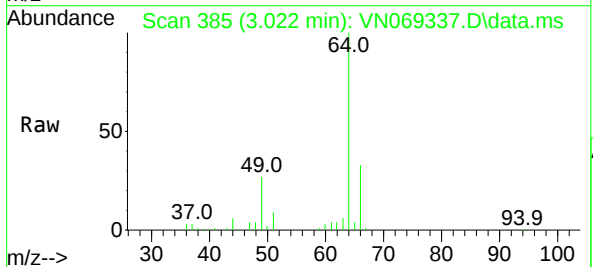
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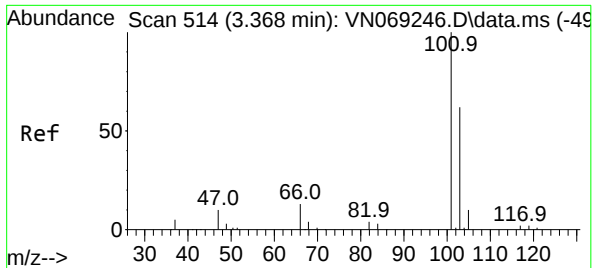
Reviewed By :John Carlone 11/03/2021
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#6
Chloroethane
Concen: 49.774 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.019 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

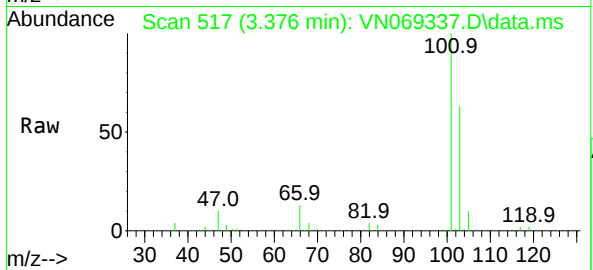
Tgt Ion: 64 Resp: 110743
Ion Ratio Lower Upper
64 100
66 33.1 25.6 38.4





#7
Trichlorofluoromethane
Concen: 60.350 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

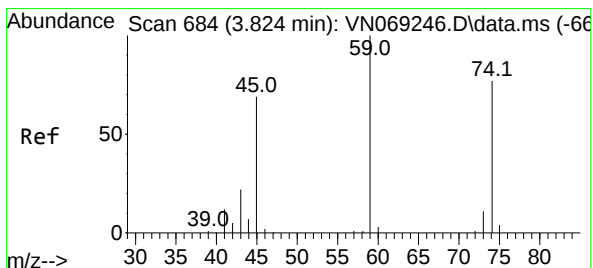
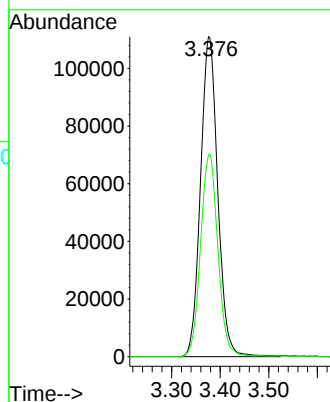
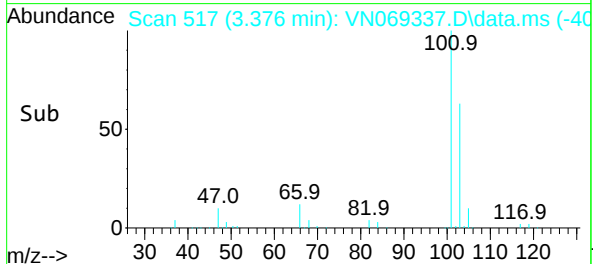
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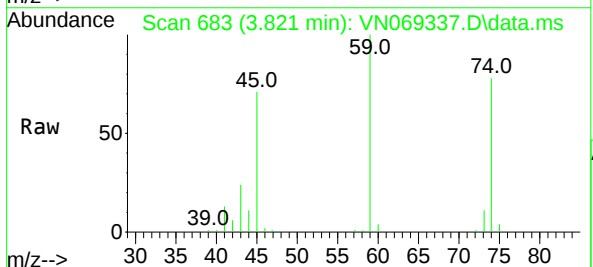
Tgt Ion:101 Resp: 27329
Ion Ratio Lower Upper
101 100
103 63.0 51.7 77.5

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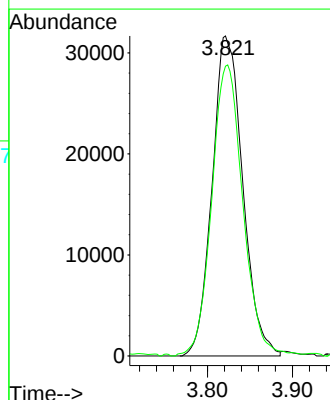
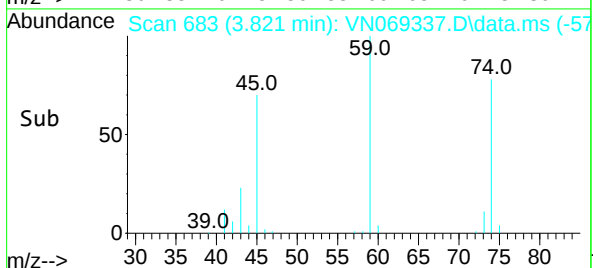
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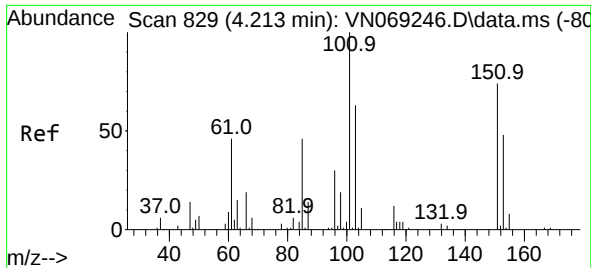


#8
Diethyl Ether
Concen: 49.279 ug/l
RT: 3.821 min Scan# 683
Delta R.T. -0.003 min
Lab File: VN069337.D
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Tgt Ion: 74 Resp: 79383
Ion Ratio Lower Upper
74 100
45 92.2 47.0 141.2





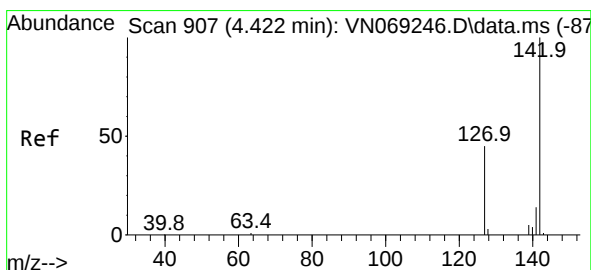
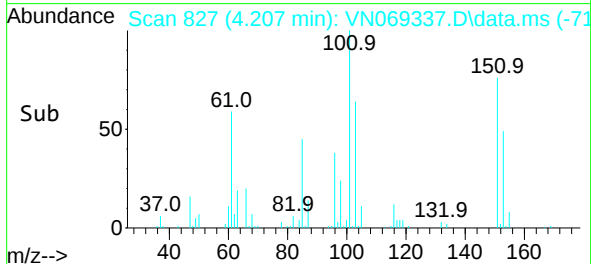
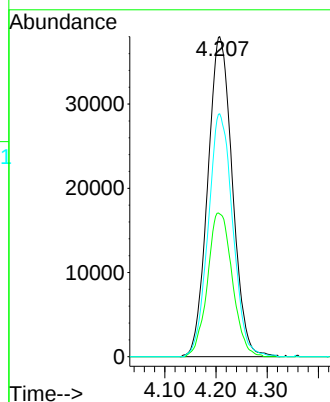
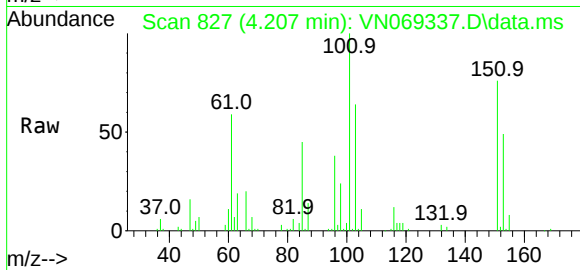
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.861 ug/l
RT: 4.207 min Scan# 81
Delta R.T. -0.006 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 126979
Ion Ratio Lower Upper
101 100
85 45.2 37.2 55.8
151 75.6 61.1 91.7

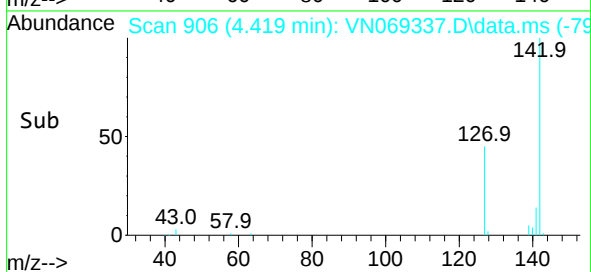
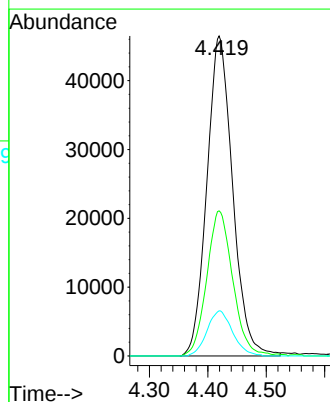
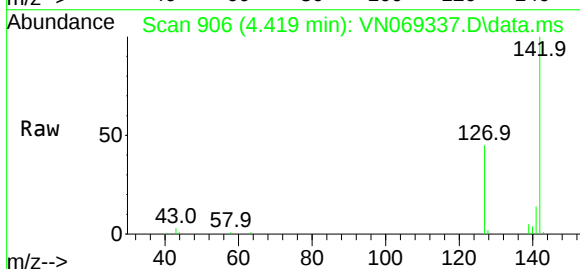
Manual Integrations
APPROVED

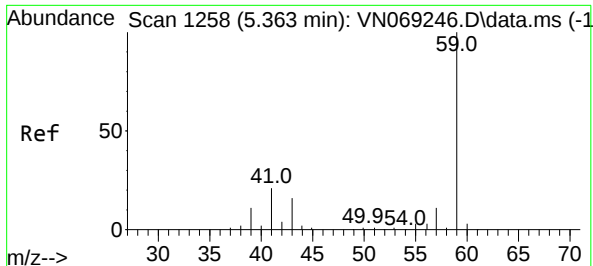
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#10
Methyl Iodide
Concen: 41.034 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Tgt Ion:142 Resp: 142513
Ion Ratio Lower Upper
142 100
127 45.7 34.4 51.6
141 14.1 11.3 16.9





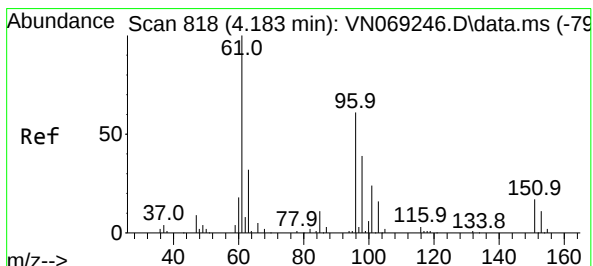
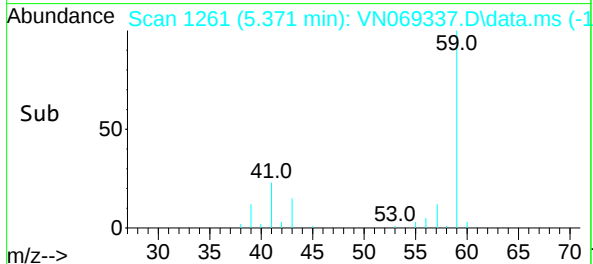
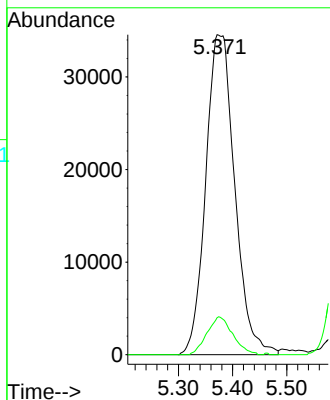
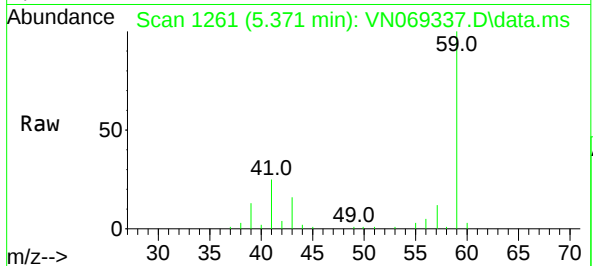
#11
Tert butyl alcohol
Concen: 183.498 ug/l
RT: 5.371 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 128776
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

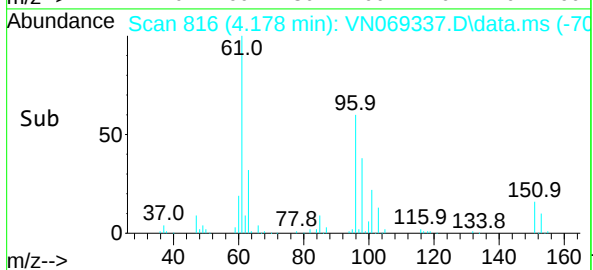
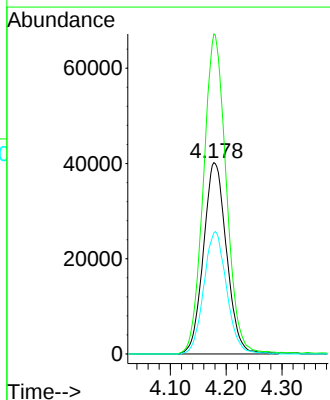
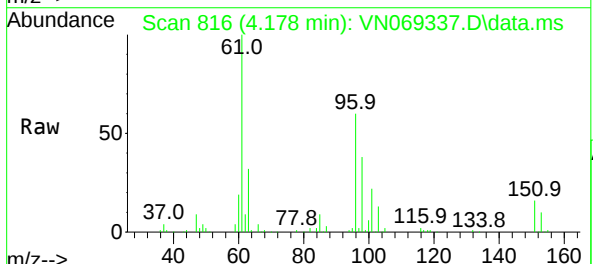
Manual Integrations
APPROVED

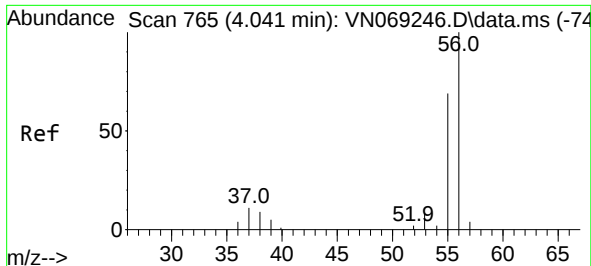
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#12
1,1-Dichloroethene
Concen: 50.383 ug/l
RT: 4.178 min Scan# 816
Delta R.T. -0.005 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

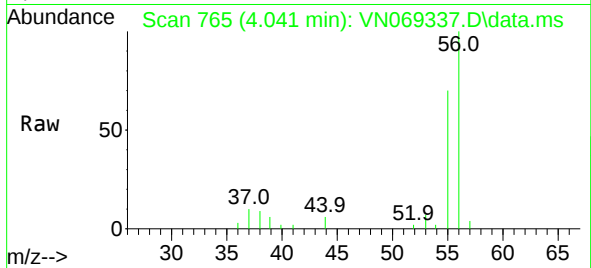
Tgt Ion: 96 Resp: 115711
Ion Ratio Lower Upper
96 100
61 167.2 129.8 194.6
98 63.3 51.4 77.2





#13
Acrolein
Concen: 175.876 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

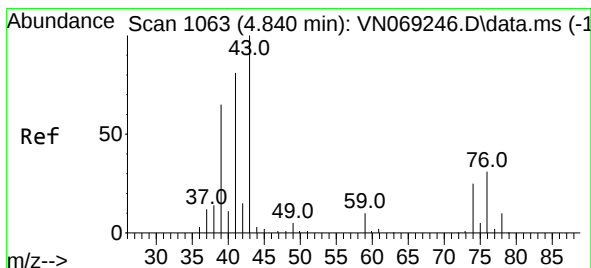
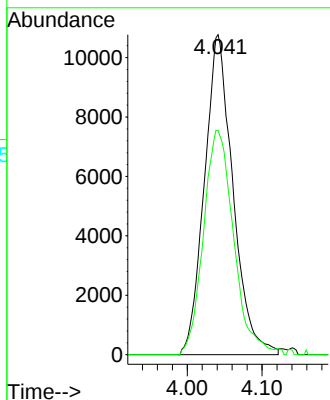
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



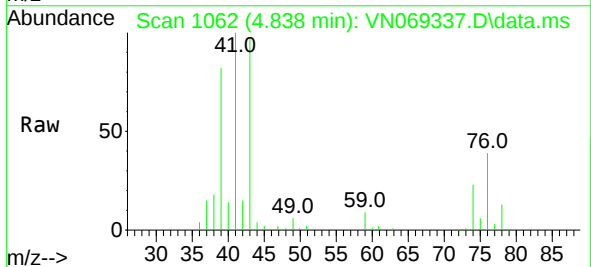
Tgt Ion: 56 Resp: 2854
Ion Ratio Lower Upper
56 100
55 73.9 58.1 87.1

Manual Integrations
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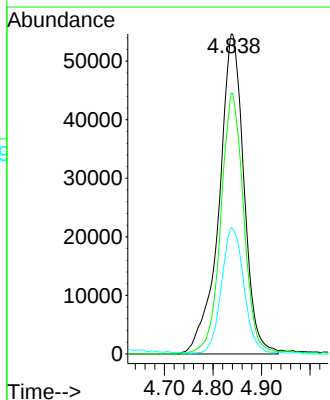
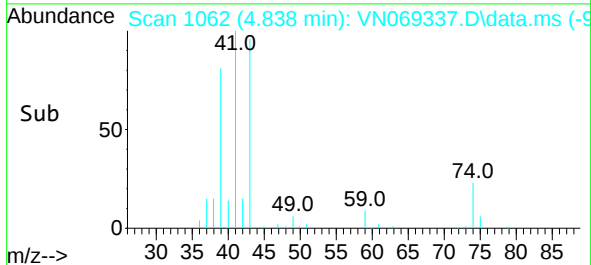
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

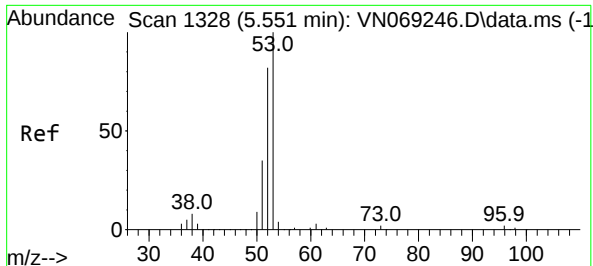


#14
Allyl chloride
Concen: 47.882 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. -0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion: 41 Resp: 194536
Ion Ratio Lower Upper
41 100
39 74.8 55.6 83.4
76 34.9 26.4 39.6





#15

Acrylonitrile

Concen: 232.882 ug/l

RT: 5.554 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

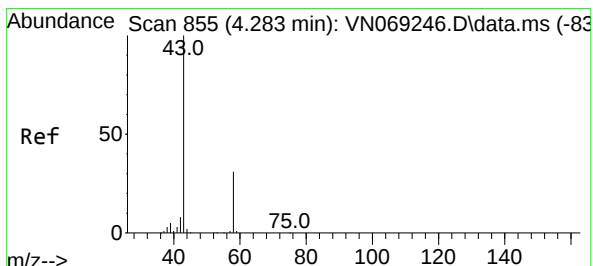
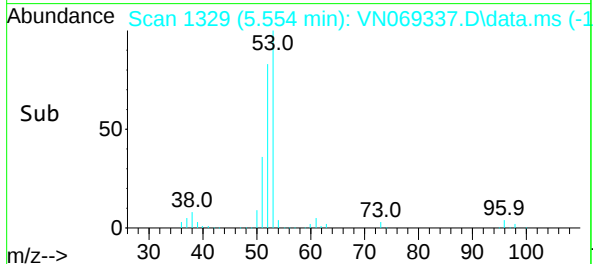
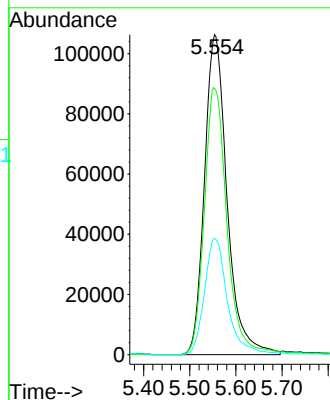
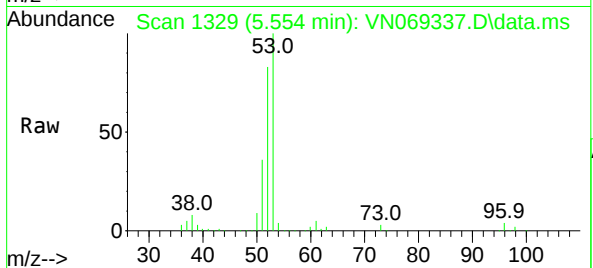
Tgt Ion: 53	Resp: 362074
Ion Ratio	Lower Upper
53 100	
52 83.5	65.7 98.5
51 37.0	28.9 43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#16

Acetone

Concen: 276.945 ug/l

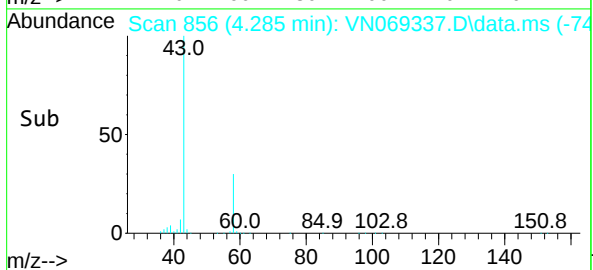
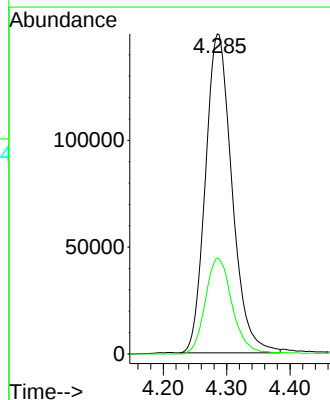
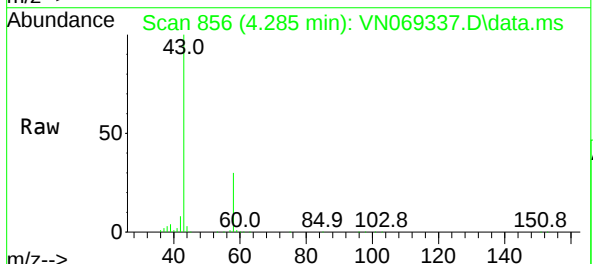
RT: 4.285 min Scan# 856

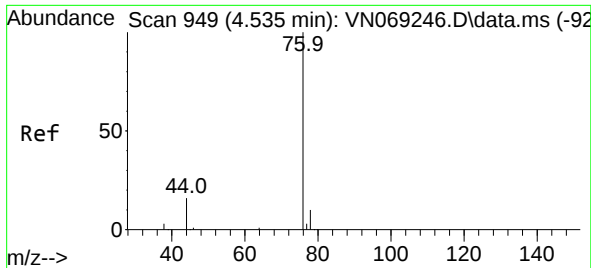
Delta R.T. 0.002 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

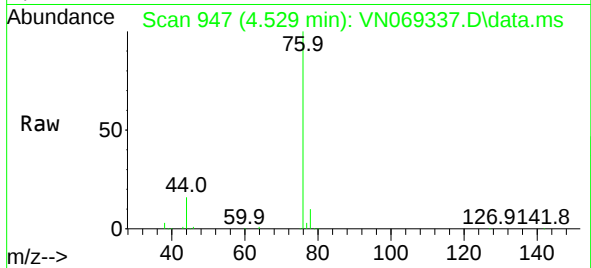
Tgt Ion: 43	Resp: 434913
Ion Ratio	Lower Upper
43 100	
58 30.1	24.5 36.7





#17
Carbon Disulfide
Concen: 45.713 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.006 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

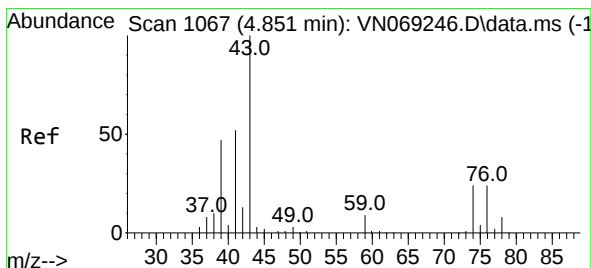
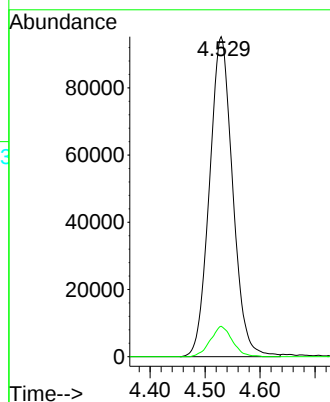
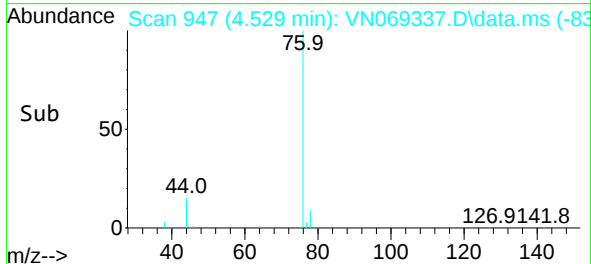
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



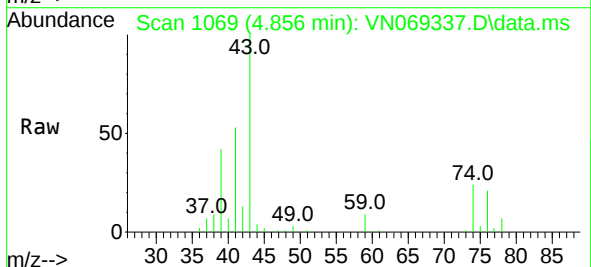
Tgt Ion: 76 Resp: 279558
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

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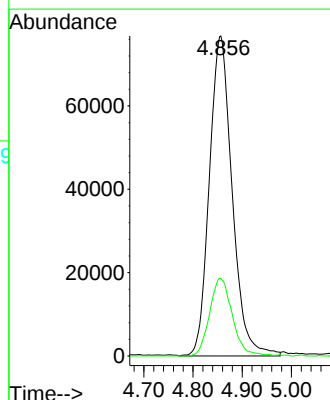
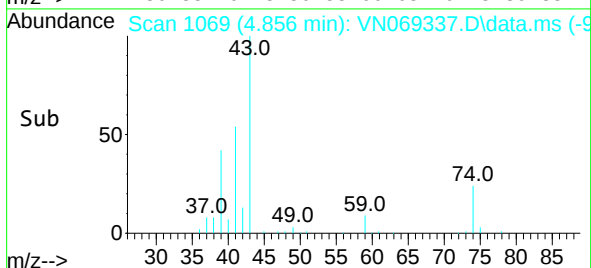
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

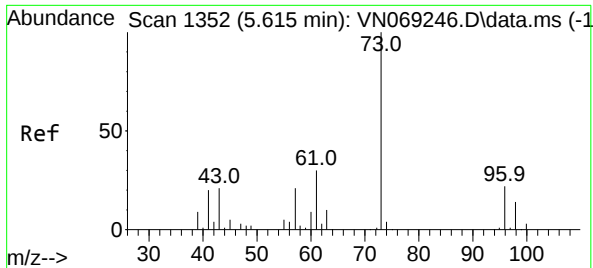


#18
Methyl Acetate
Concen: 46.346 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.005 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion: 43 Resp: 247330
Ion Ratio Lower Upper
43 100
74 24.1 18.9 28.3





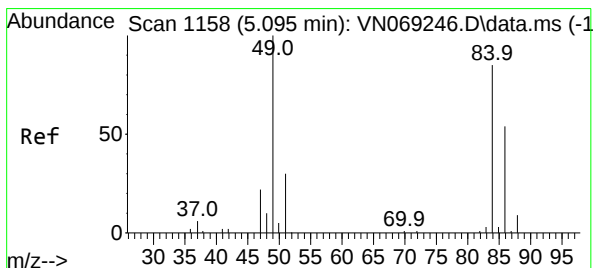
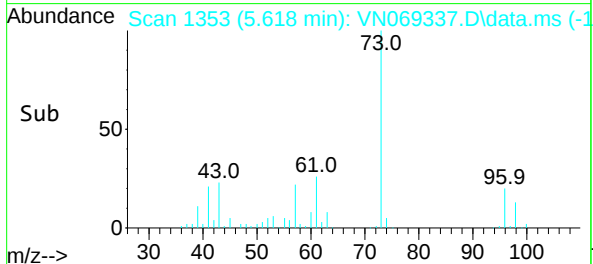
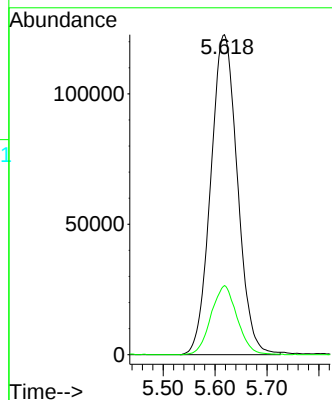
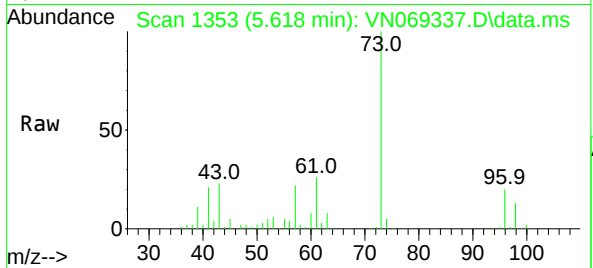
#19
Methyl tert-butyl Ether
Concen: 48.543 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 438636
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

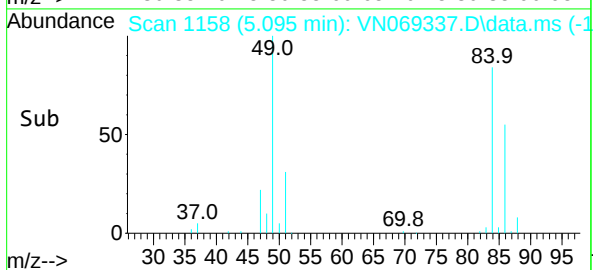
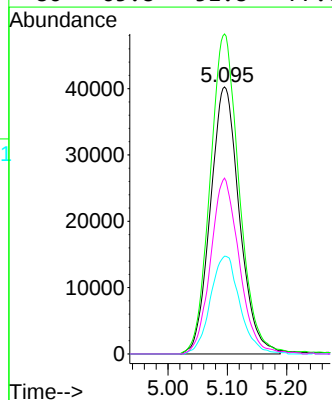
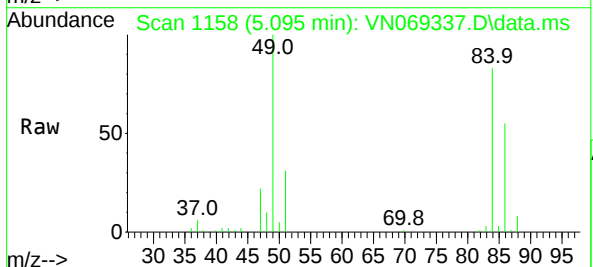
Manual Integrations
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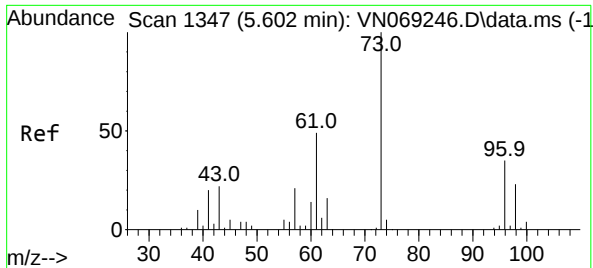
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#20
Methylene Chloride
Concen: 45.517 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Tgt Ion: 84 Resp: 137105
Ion Ratio Lower Upper
84 100
49 119.8 97.6 146.4
51 36.6 30.3 45.5
86 65.8 51.8 77.6





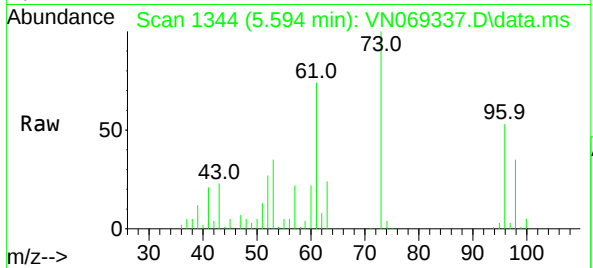
#21
trans-1,2-Dichloroethene
Concen: 48.788 ug/l
RT: 5.594 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



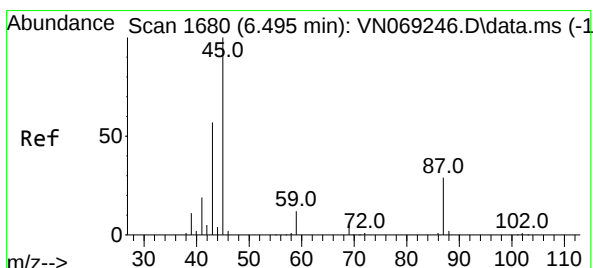
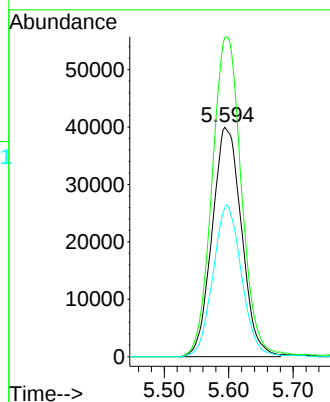
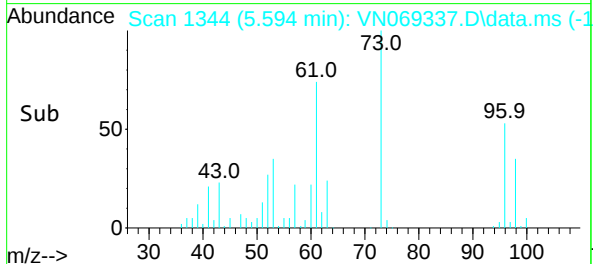
Tgt Ion: 96 Resp: 12652
Ion Ratio Lower Upper
96 100
61 139.2 112.4 168.6
98 65.0 52.0 78.0

Manual Integrations

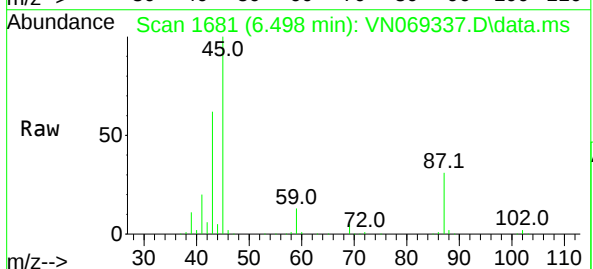
APPROVED

Reviewed By :John Carlone 11/03/2021

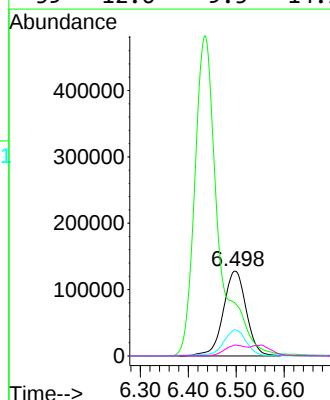
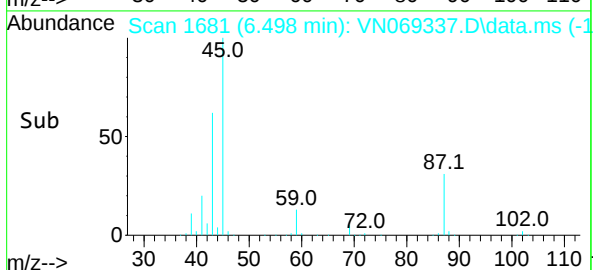
Supervised By :Mahesh Dadoda 11/03/2021

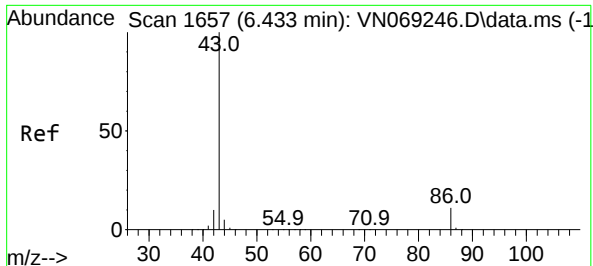


#22
Diisopropyl ether
Concen: 45.197 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



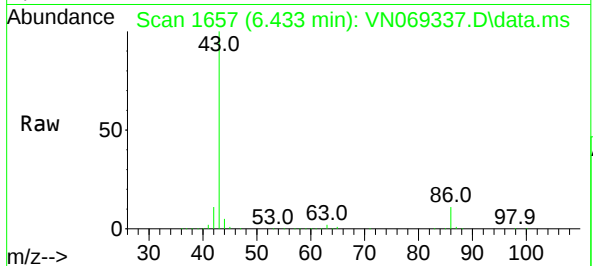
Tgt Ion: 45 Resp: 426804
Ion Ratio Lower Upper
45 100
43 59.3 48.0 72.0
87 30.5 23.4 35.0
59 12.6 9.5 14.3





#23
 Vinyl Acetate
 Concen: 221.086 ug/l
 RT: 6.433 min Scan# 165524
 Delta R.T. 0.000 min
 Lab File: VN069337.D
 Acq: 2 Nov 2021 9:28

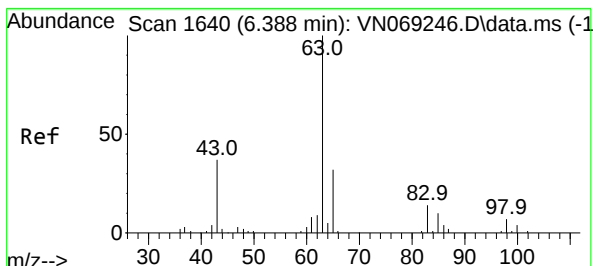
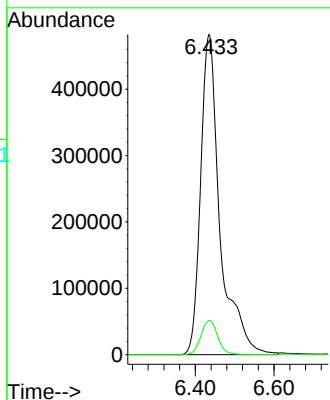
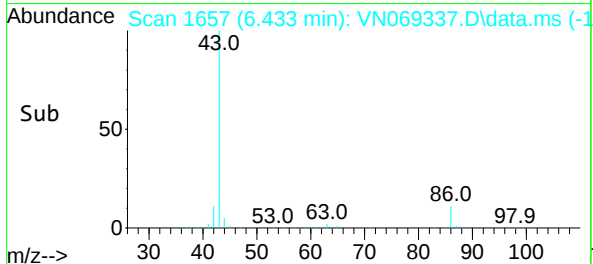
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



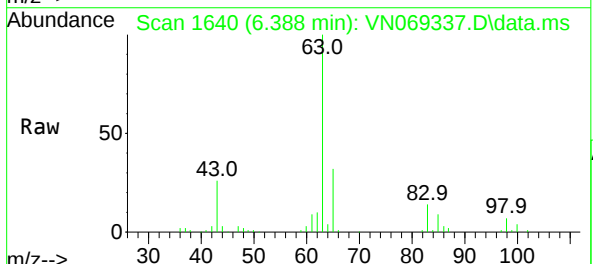
Tgt Ion: 43 Resp: 165524
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5

Manual Integrations
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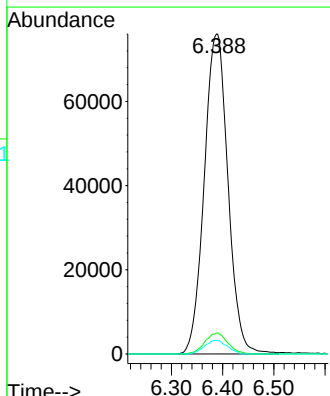
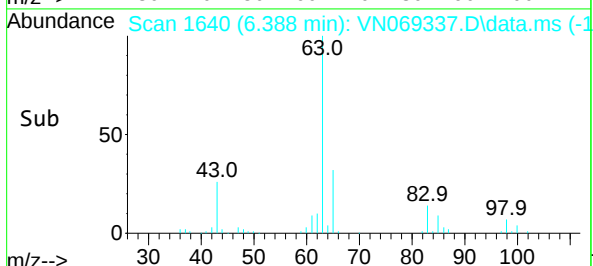
Reviewed By :John Carlone 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

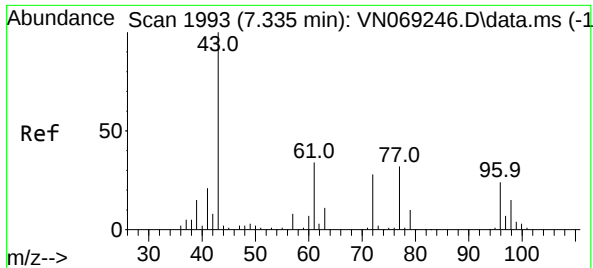


#24
 1,1-Dichloroethane
 Concen: 50.381 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN069337.D
 Acq: 2 Nov 2021 9:28



Tgt Ion: 63 Resp: 244638
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.4
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 228.379 ug/l

RT: 7.337 min Scan# 1993

Delta R.T. 0.002 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 54931

Ion Ratio Lower Upper

43 100

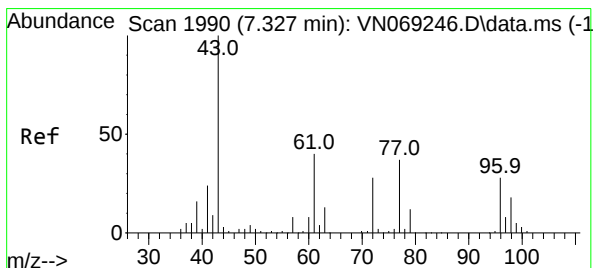
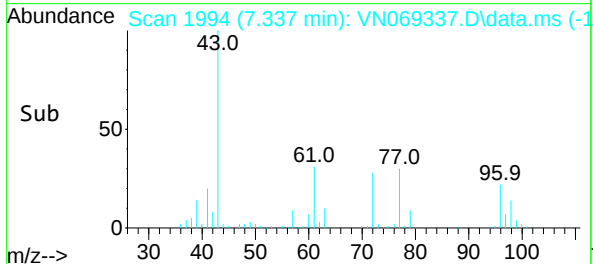
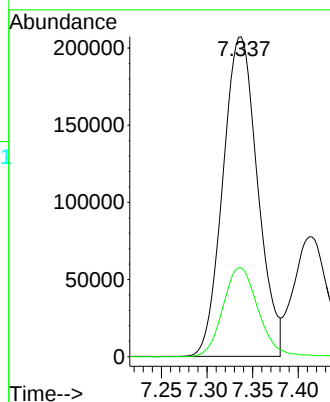
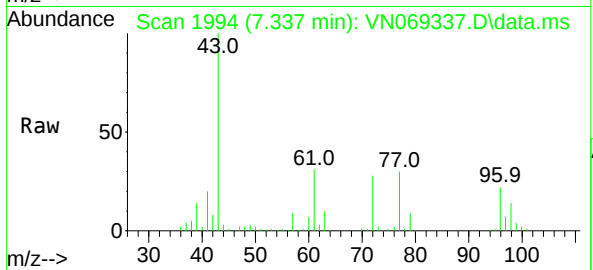
72 27.8 21.2 31.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#26

2,2-Dichloropropane

Concen: 45.967 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN069337.D

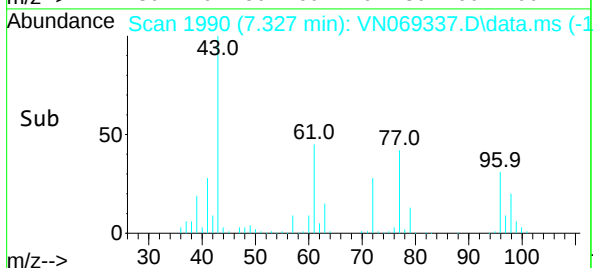
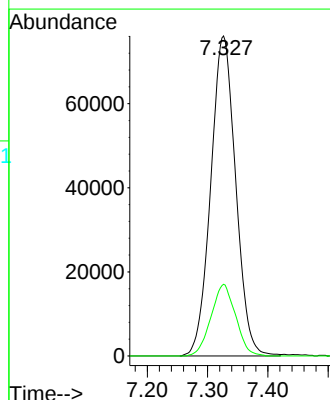
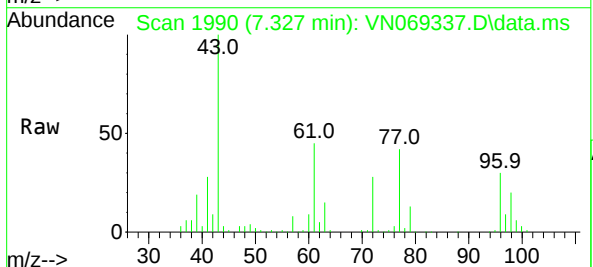
Acq: 2 Nov 2021 9:28

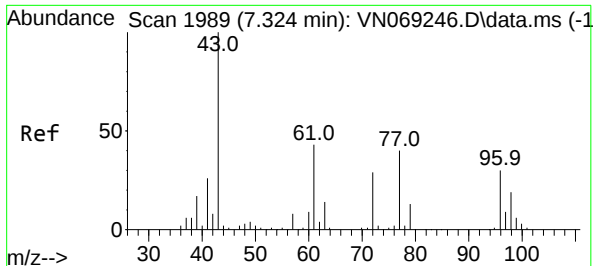
Tgt Ion: 77 Resp: 218846

Ion Ratio Lower Upper

77 100

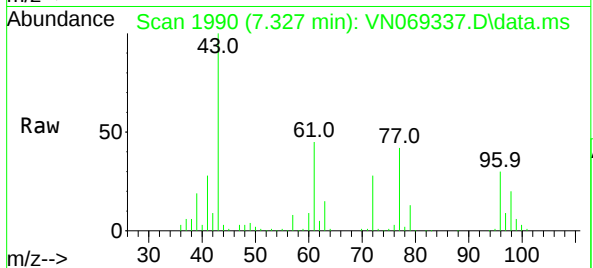
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.957 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069337.D
 Acq: 2 Nov 2021 9:28

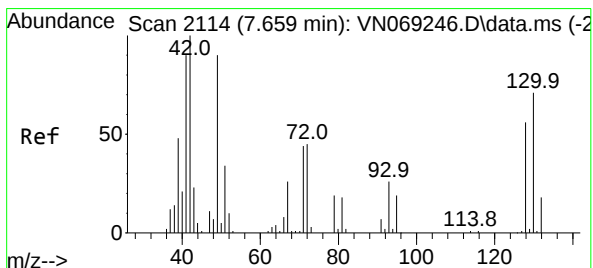
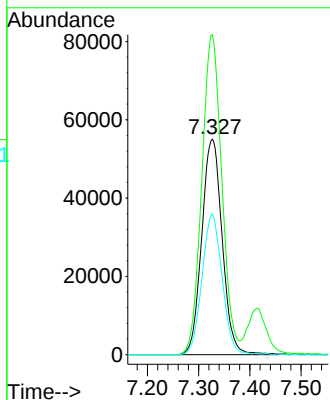
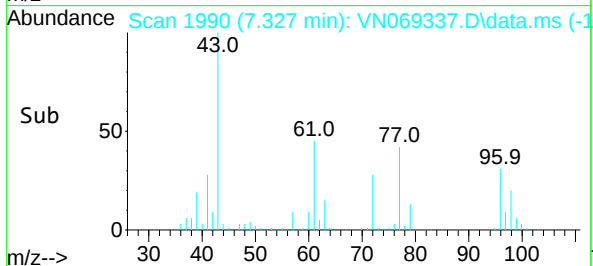
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



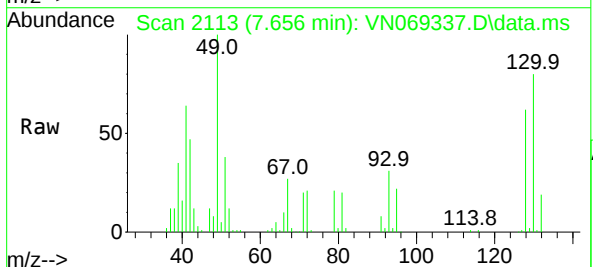
Tgt Ion: 96 Resp: 153075
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 290.6
 98 63.9 0.0 127.2

Manual Integrations
 APPROVED

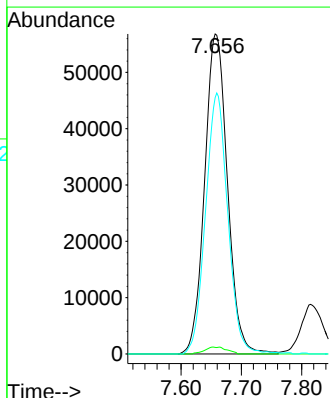
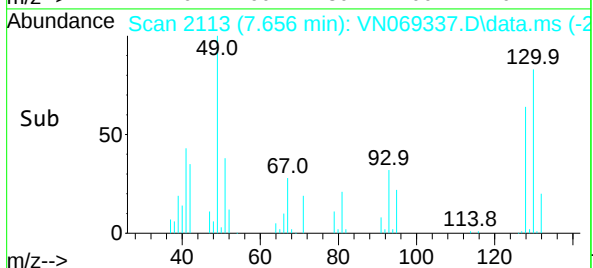
Reviewed By :John Carlone 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

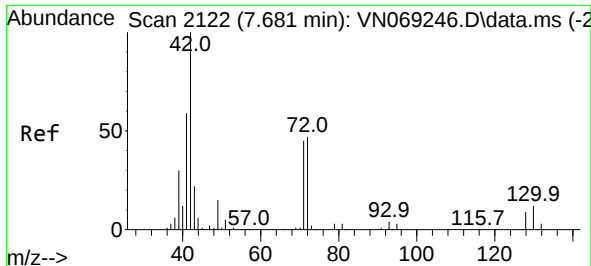


#28
 Bromochloromethane
 Concen: 61.489 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. -0.003 min
 Lab File: VN069337.D
 Acq: 2 Nov 2021 9:28



Tgt Ion: 49 Resp: 149594
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.4
 130 79.3 60.8 91.2





#29

Tetrahydrofuran

Concen: 209.469 ug/l

RT: 7.686 min Scan# 2122

Delta R.T. 0.005 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 323289

Ion Ratio Lower Upper

42 100

72 47.0 35.4 53.2

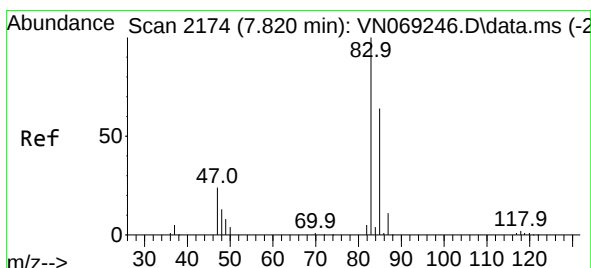
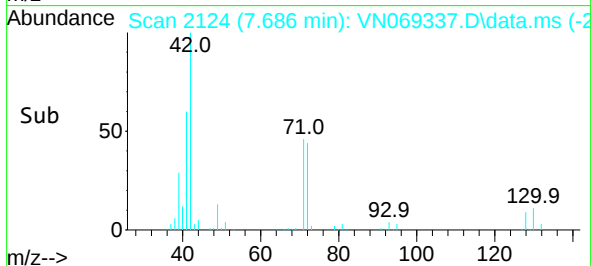
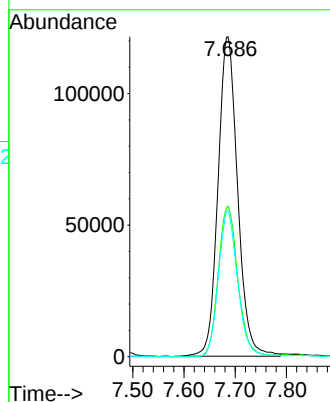
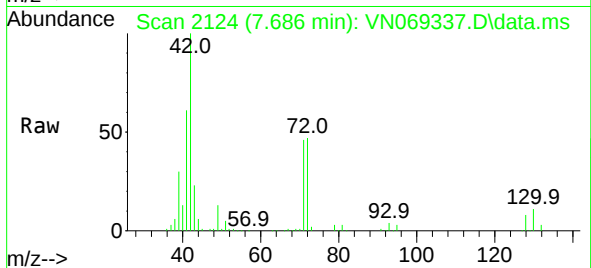
71 44.6 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#30

Chloroform

Concen: 50.512 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069337.D

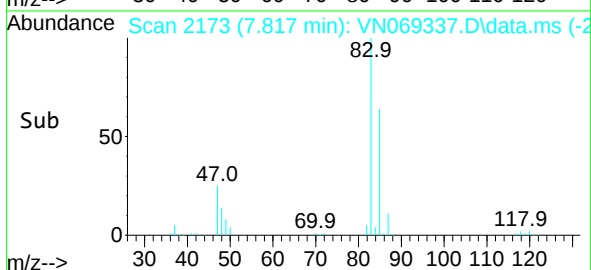
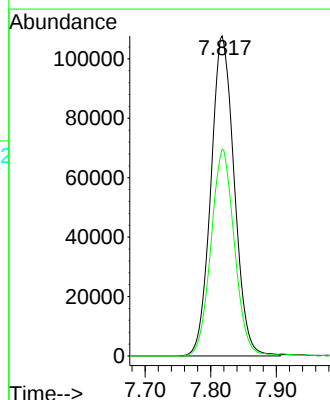
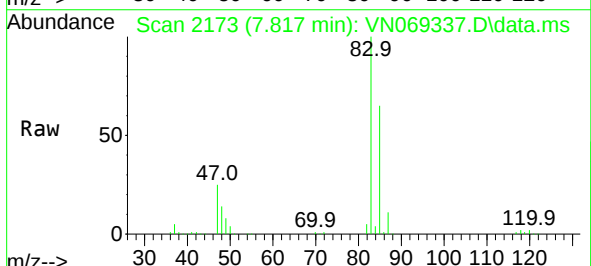
Acq: 2 Nov 2021 9:28

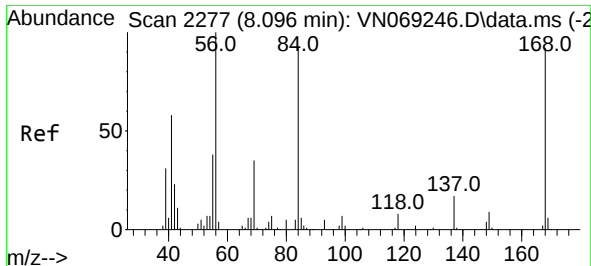
Tgt Ion: 83 Resp: 266630

Ion Ratio Lower Upper

83 100

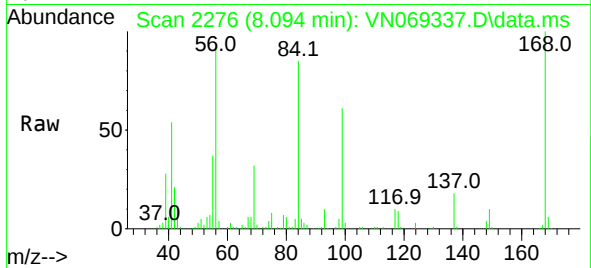
85 64.6 51.1 76.7





#31
Cyclohexane
Concen: 47.078 ug/l
RT: 8.094 min Scan# 2277
Delta R.T. -0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

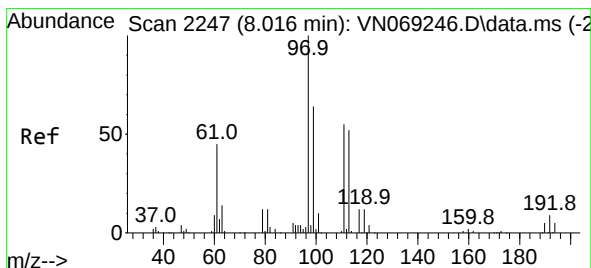
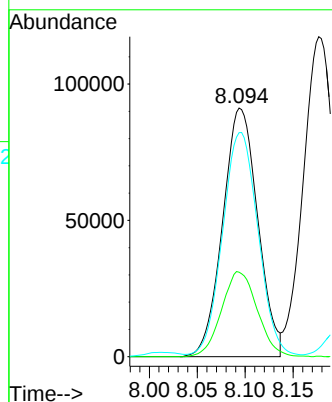
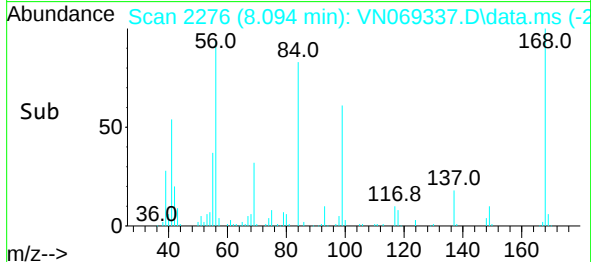
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



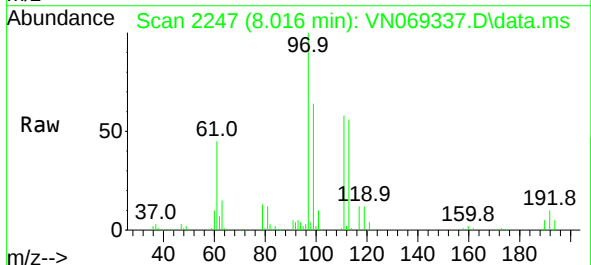
Tgt Ion: 56 Resp: 232230
Ion Ratio Lower Upper
56 100
69 34.0 26.9 40.3
84 89.0 67.6 101.4

Manual Integrations
APPROVED

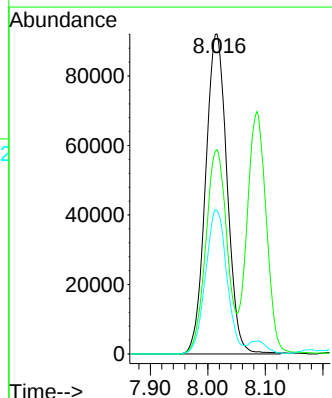
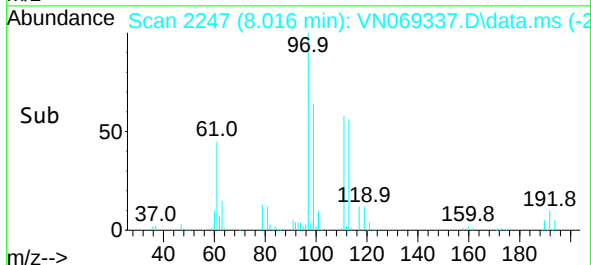
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

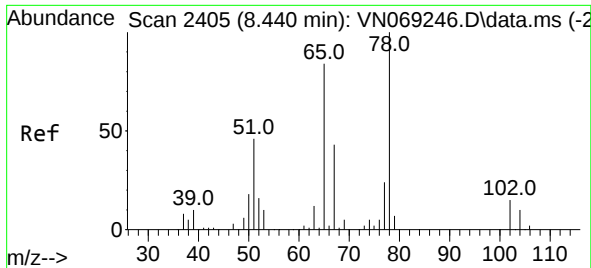


#32
1,1,1-Trichloroethane
Concen: 46.272 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion: 97 Resp: 238738
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 45.0 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 49.394 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 182058

Ion Ratio Lower Upper

65 100

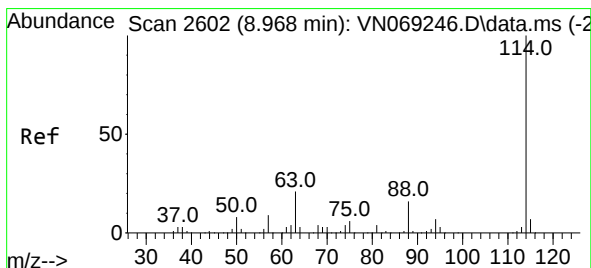
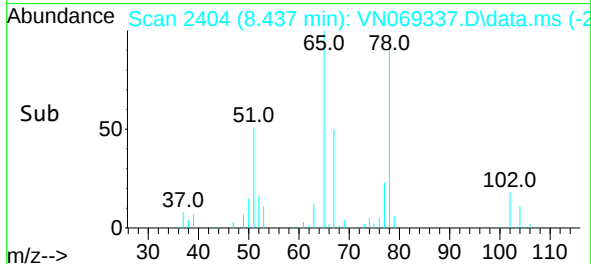
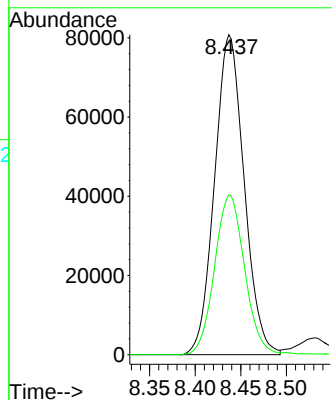
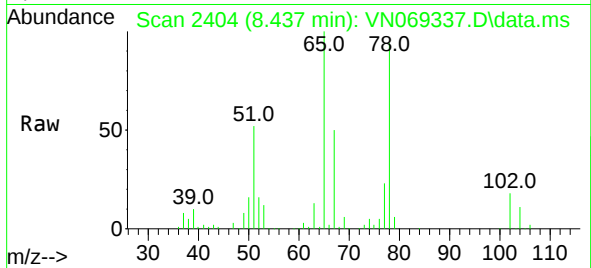
67 50.6 0.0 103.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

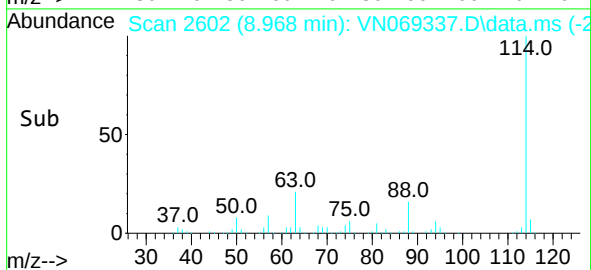
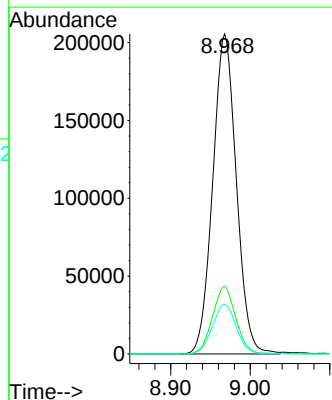
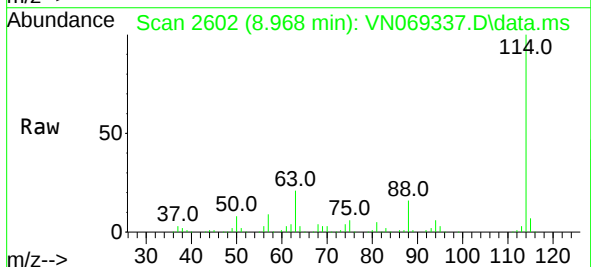
Tgt Ion:114 Resp: 423381

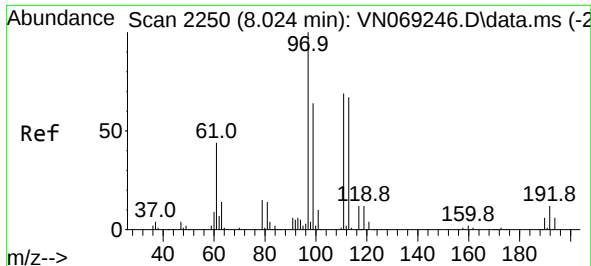
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

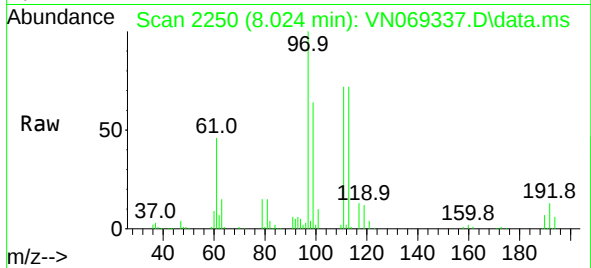
88 15.5 0.0 32.0





#35
Dibromofluoromethane
Concen: 52.215 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

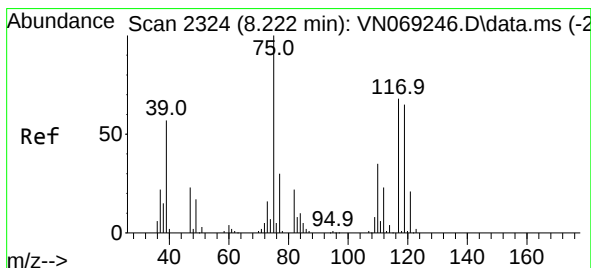
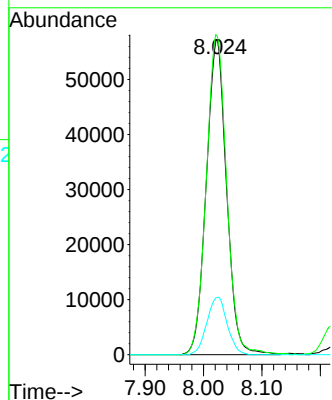
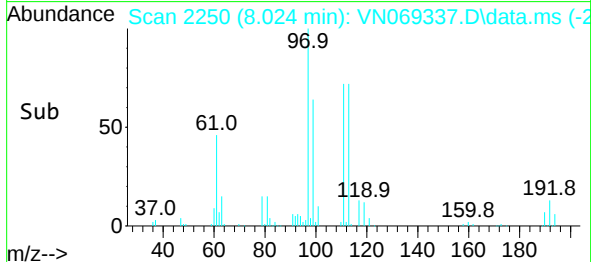
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



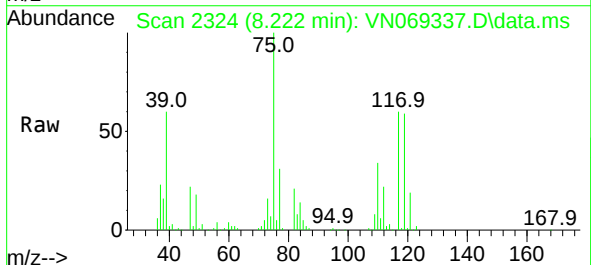
Tgt Ion: 113 Resp: 137800
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 18.3 15.0 22.4

Manual Integrations
APPROVED

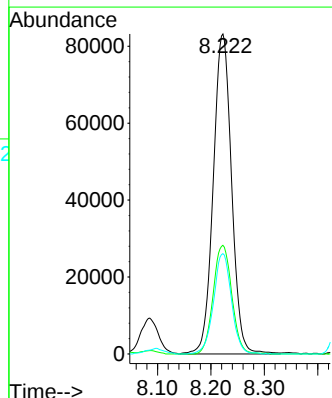
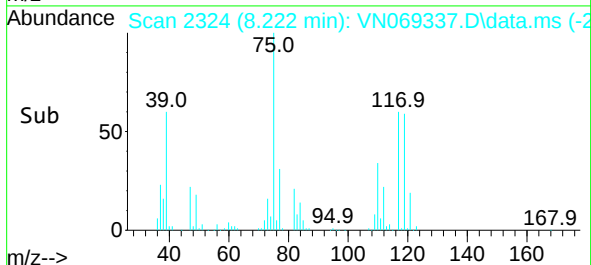
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

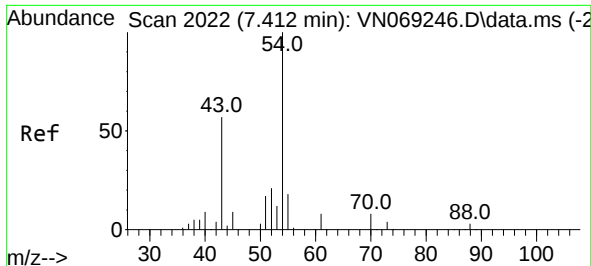


#36
1,1-Dichloropropene
Concen: 54.352 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion: 75 Resp: 198386
Ion Ratio Lower Upper
75 100
110 34.5 17.9 53.8
77 30.7 24.7 37.1





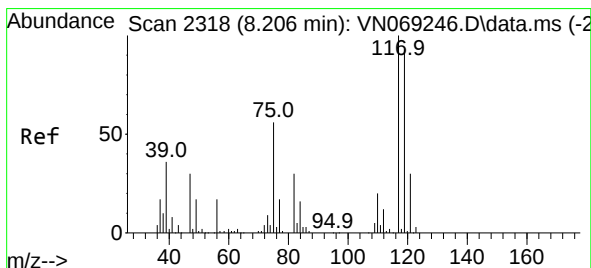
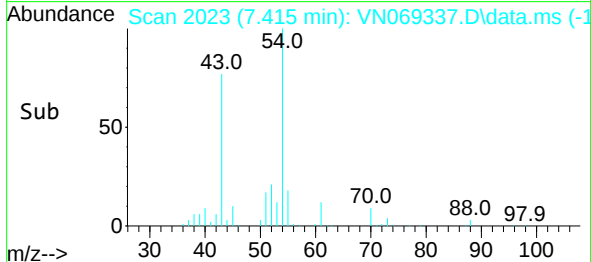
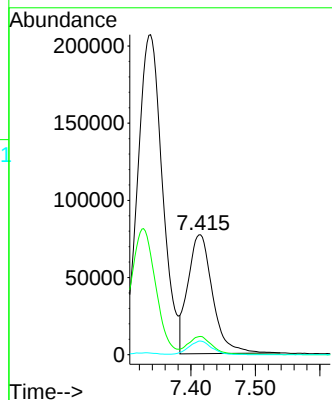
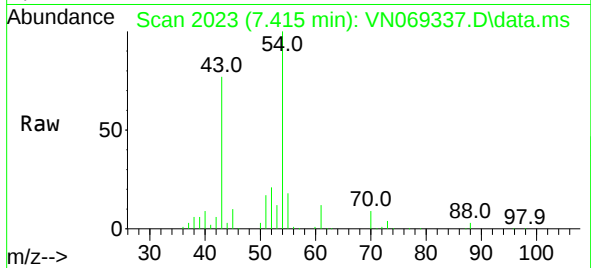
#37
Ethyl Acetate
Concen: 49.348 ug/l
RT: 7.415 min Scan# 205250
Delta R.T. 0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 205250
Ion Ratio Lower Upper
43 100
61 14.2 11.2 16.8
70 10.7 8.4 12.6

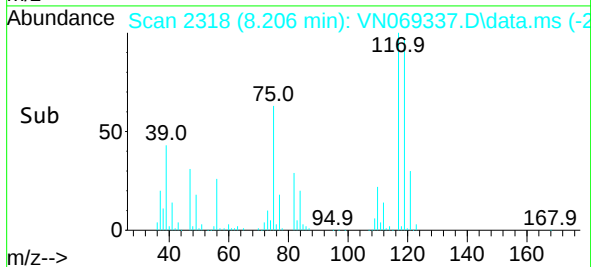
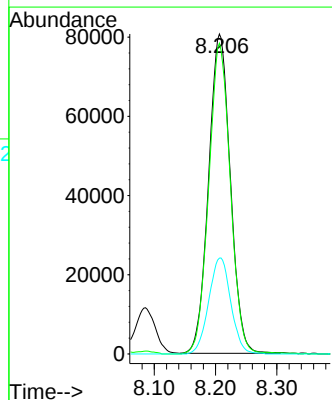
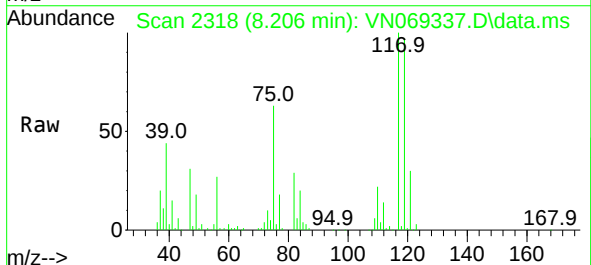
Manual Integrations
APPROVED

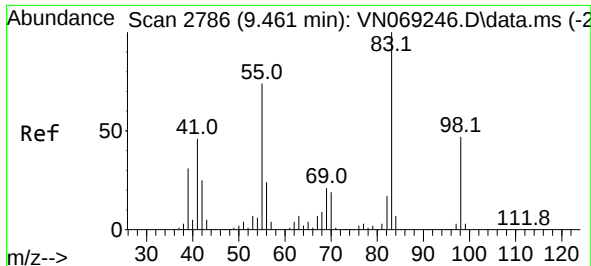
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#38
Carbon Tetrachloride
Concen: 47.835 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

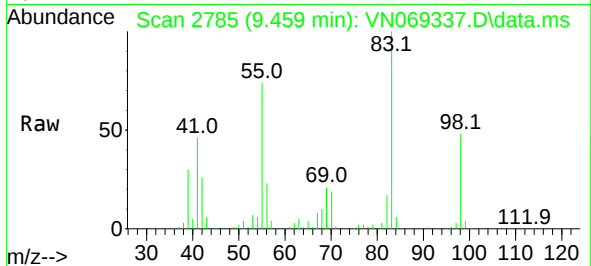
Tgt Ion:117 Resp: 198970
Ion Ratio Lower Upper
117 100
119 97.3 76.9 115.3
121 30.0 24.6 37.0





#39
Methylcyclohexane
Concen: 55.502 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

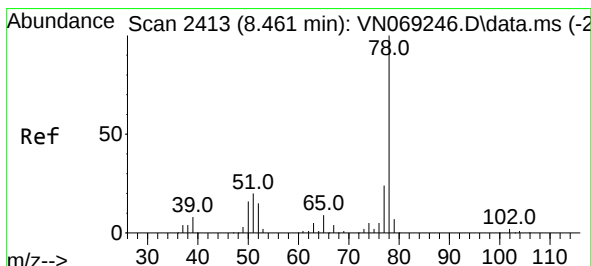
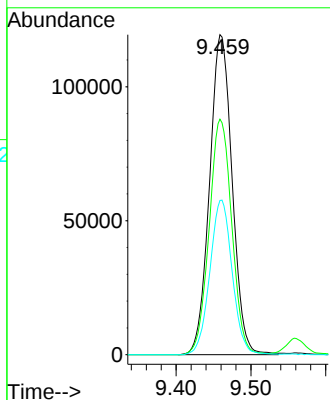
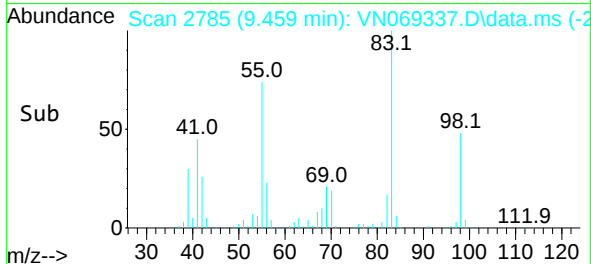
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



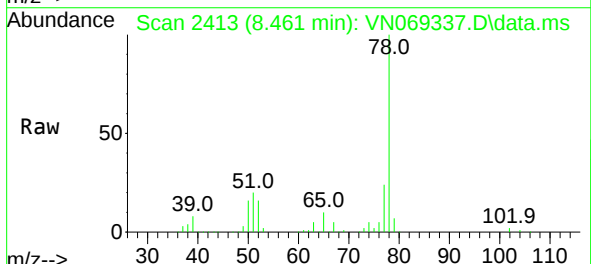
Tgt Ion: 83 Resp: 25083
Ion Ratio Lower Upper
83 100
55 73.6 61.4 92.0
98 48.2 36.4 54.6

Manual Integrations
APPROVED

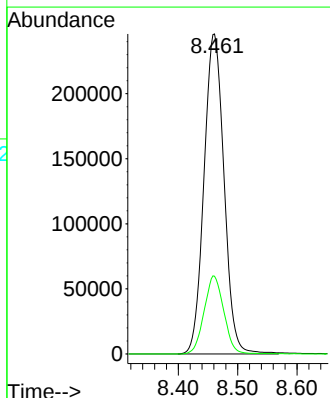
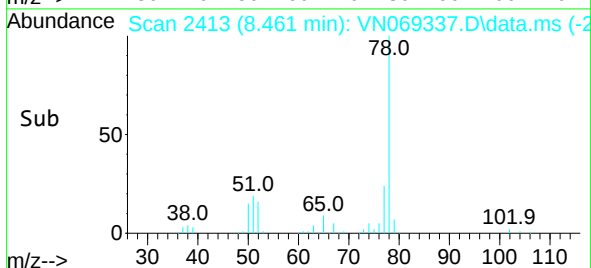
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

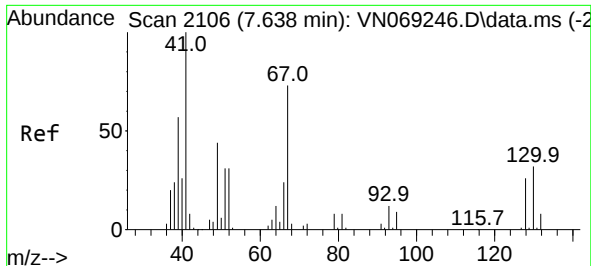


#40
Benzene
Concen: 52.544 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion: 78 Resp: 576859
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7





#41
Methacrylonitrile
Concen: 47.841 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

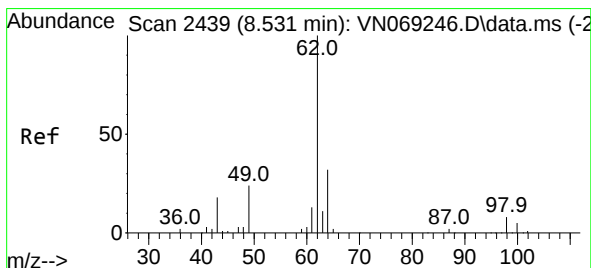
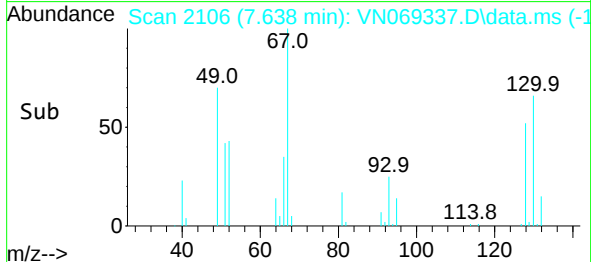
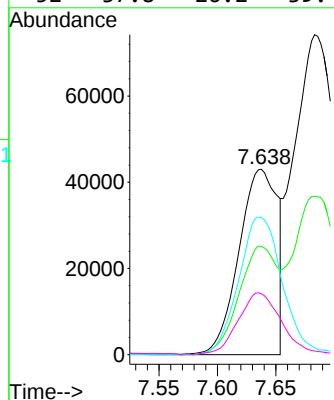
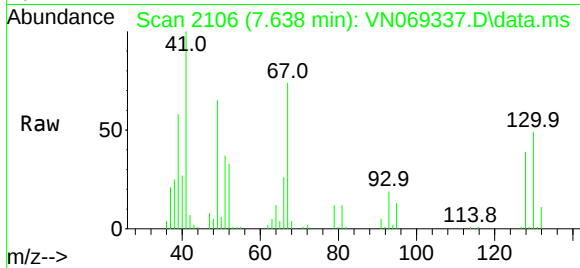
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 9810

Ion	Ratio	Lower	Upper
41	100		
39	57.8	44.9	67.3
67	85.2	62.6	93.8
52	37.8	26.2	39.4

Manual Integrations
APPROVED

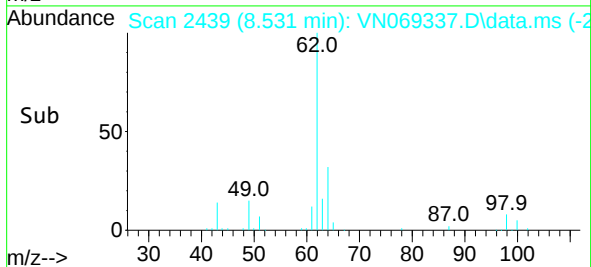
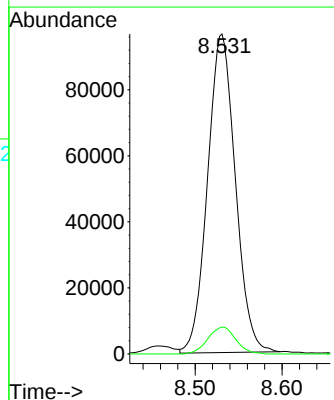
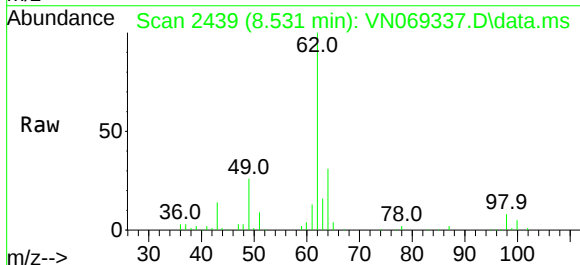
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

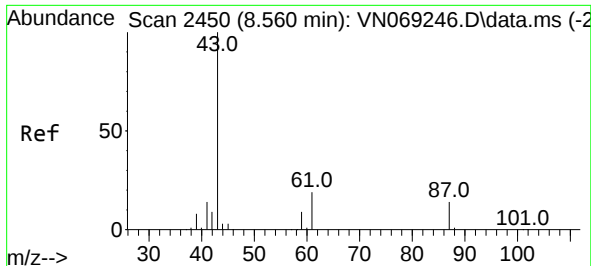


#42
1,2-Dichloroethane
Concen: 51.804 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Tgt Ion: 62 Resp: 214029

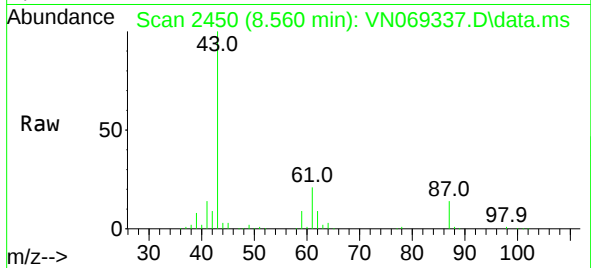
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





#43
Isopropyl Acetate
Concen: 45.861 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

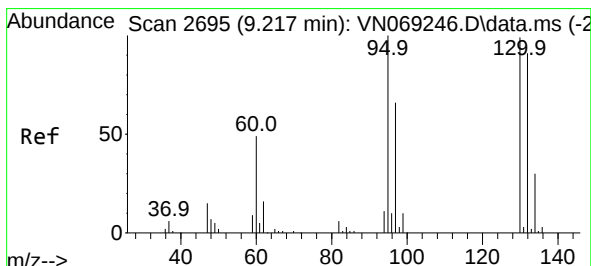
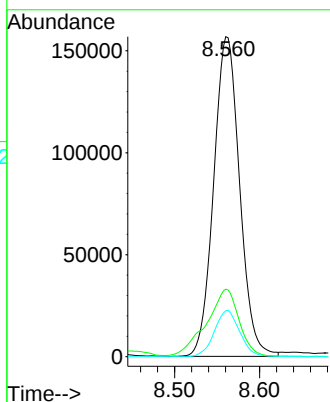
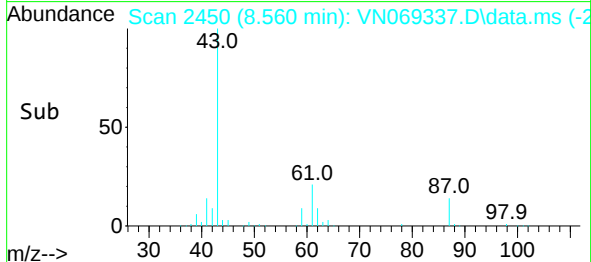
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



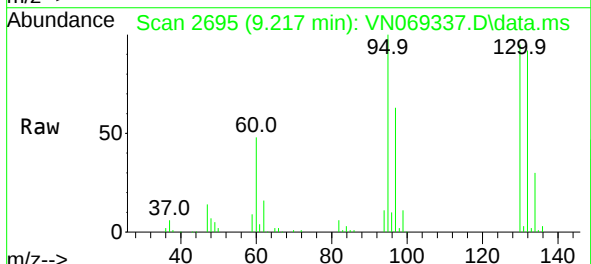
Tgt Ion: 43 Resp: 33239
Ion Ratio Lower Upper
43 100
61 26.4 20.4 30.6
87 14.2 10.7 16.1

Manual Integrations
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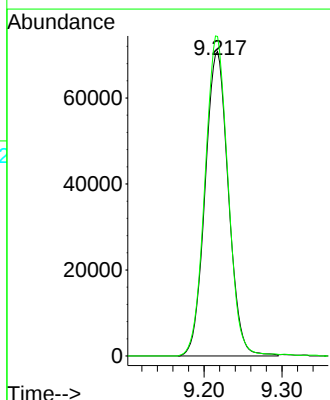
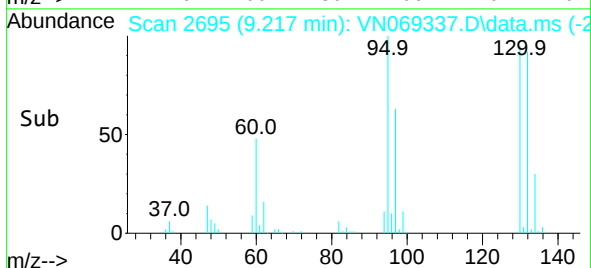
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

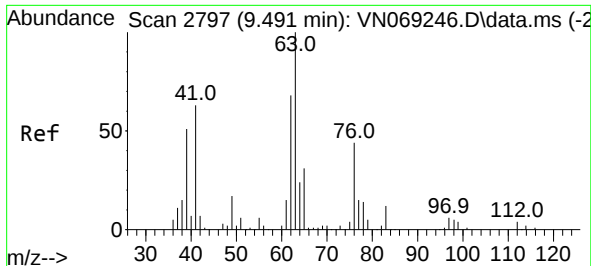


#44
Trichloroethene
Concen: 53.212 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



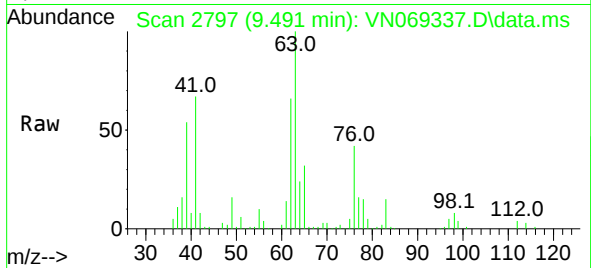
Tgt Ion:130 Resp: 147106
Ion Ratio Lower Upper
130 100
95 105.0 0.0 208.0





#45
1,2-Dichloropropane
Concen: 53.585 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

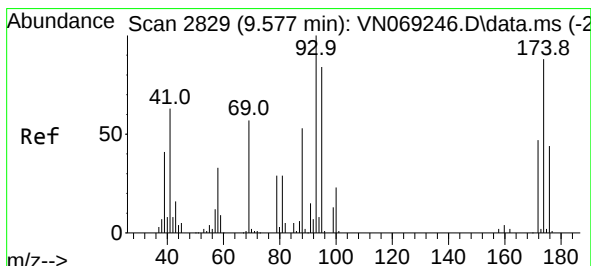
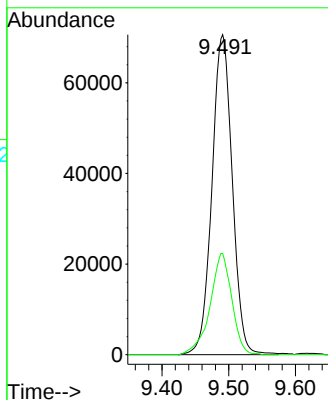
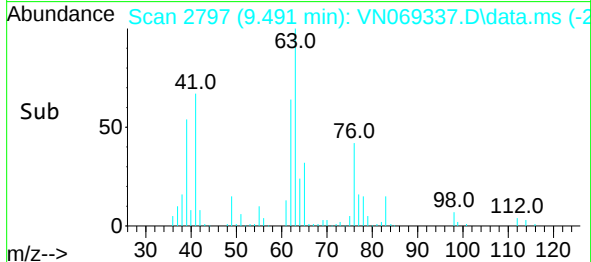
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 149772
Ion Ratio Lower Upper
63 100
65 31.6 25.6 38.4

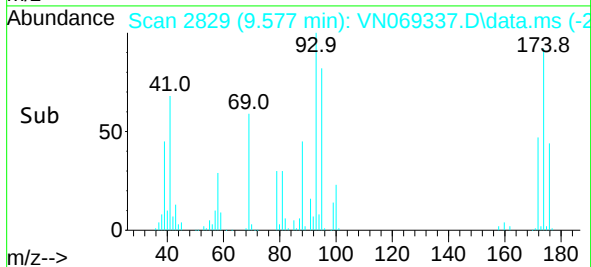
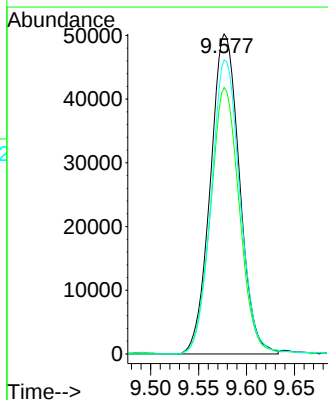
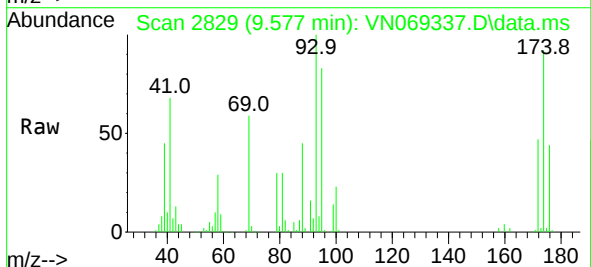
Manual Integrations
APPROVED

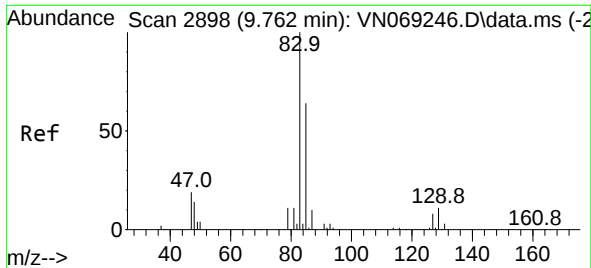
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#46
Dibromomethane
Concen: 53.306 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

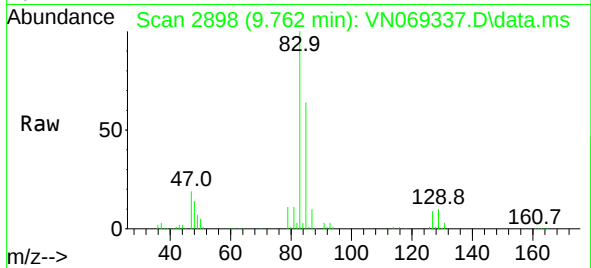
Tgt Ion: 93 Resp: 105858
Ion Ratio Lower Upper
93 100
95 83.1 66.5 99.7
174 91.1 73.8 110.8





#47
Bromodichloromethane
Concen: 48.727 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

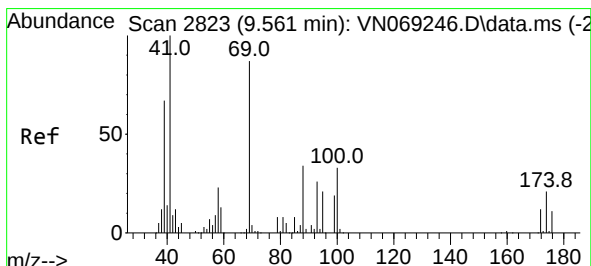
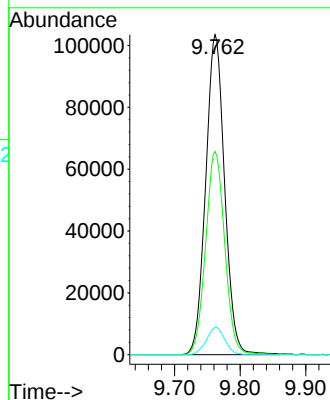
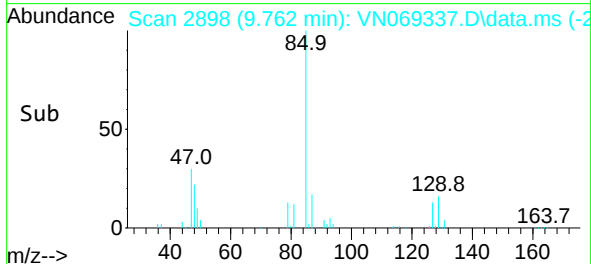
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



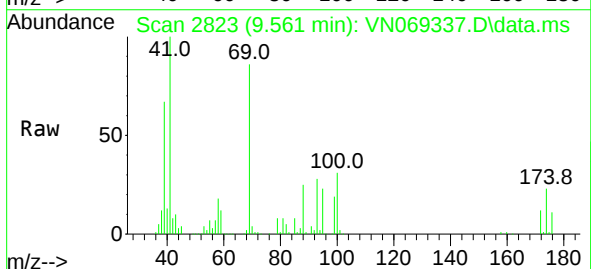
Tgt Ion: 83 Resp: 207083
Ion Ratio Lower Upper
83 100
85 63.5 50.7 76.1
127 8.5 6.5 9.7

Manual Integrations
APPROVED

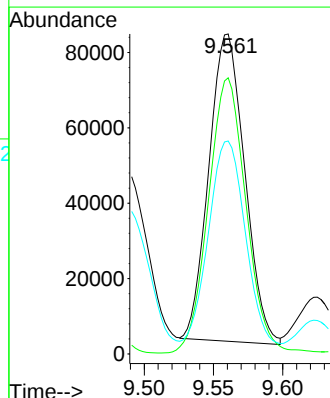
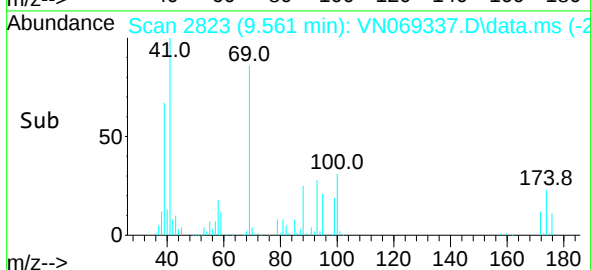
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

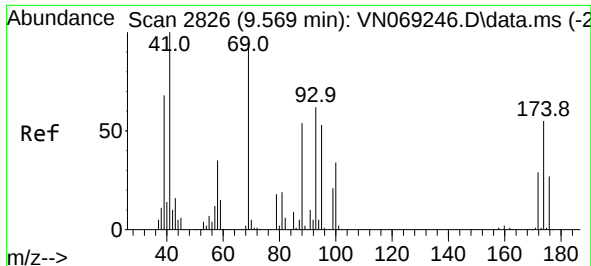


#48
Methyl methacrylate
Concen: 46.715 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



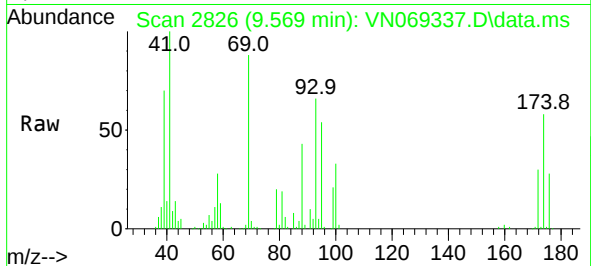
Tgt Ion: 41 Resp: 146650
Ion Ratio Lower Upper
41 100
69 94.1 66.4 99.6
39 67.5 50.2 75.2





#49
1,4-Dioxane
Concen: 756.296 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

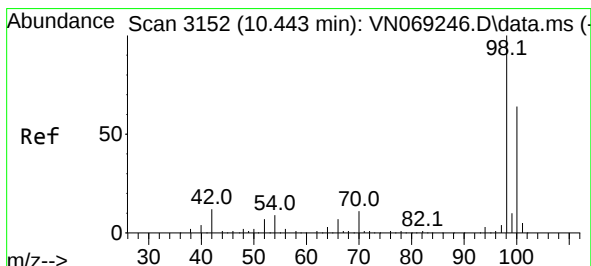
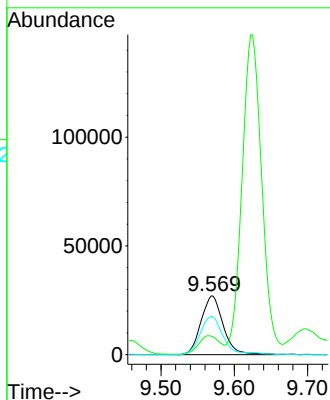
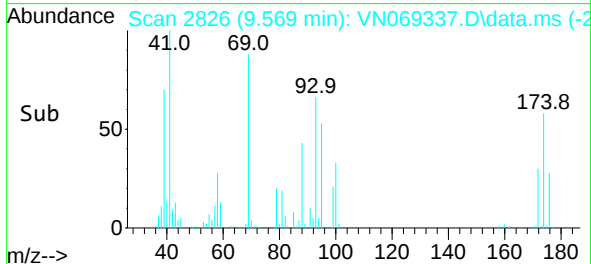
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



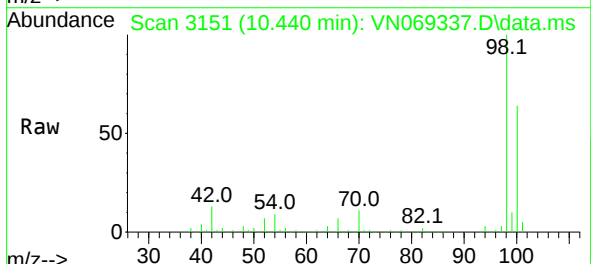
Tgt Ion: 88 Resp: 5683
Ion Ratio Lower Upper
88 100
43 30.1 24.9 37.3
58 65.5 56.9 85.3

Manual Integrations
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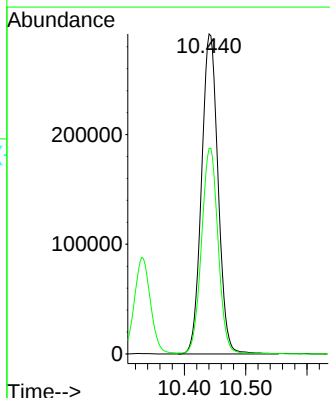
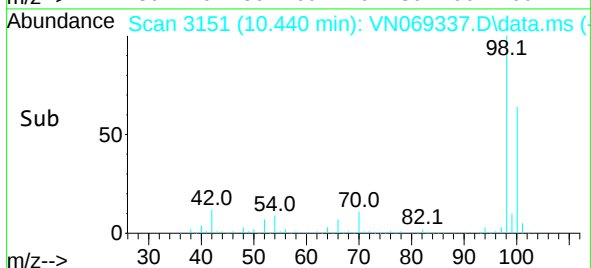
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

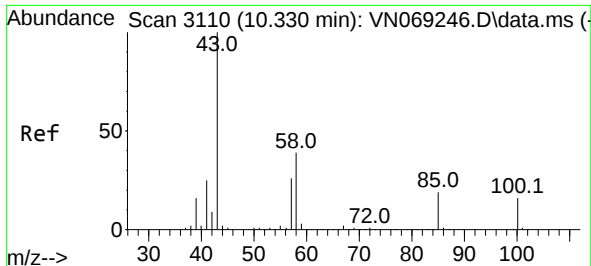


#50
Toluene-d8
Concen: 51.868 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion: 98 Resp: 547329
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





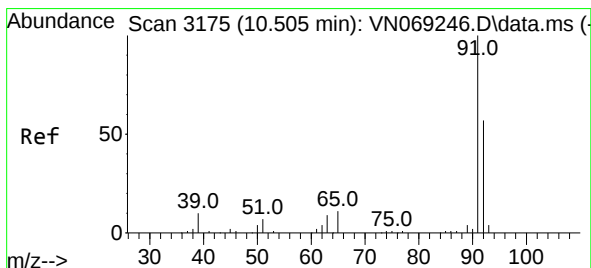
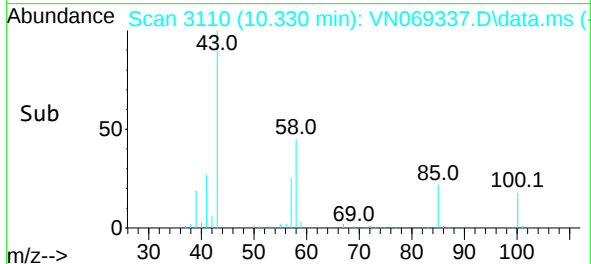
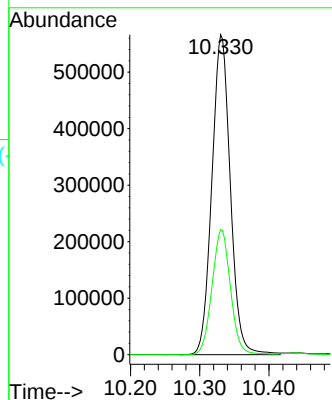
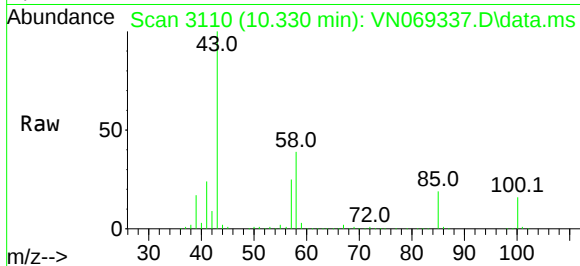
#51
4-Methyl-2-Pentanone
Concen: 222.564 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1047478
Ion Ratio Lower Upper
43 100
58 39.2 31.0 46.4

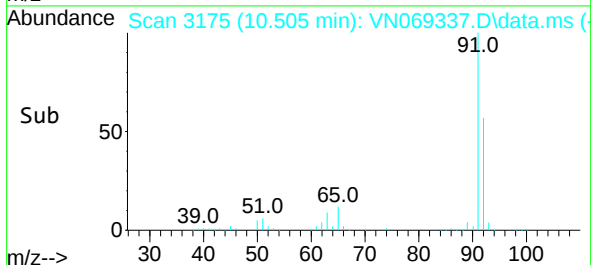
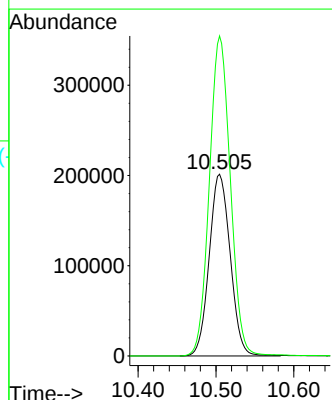
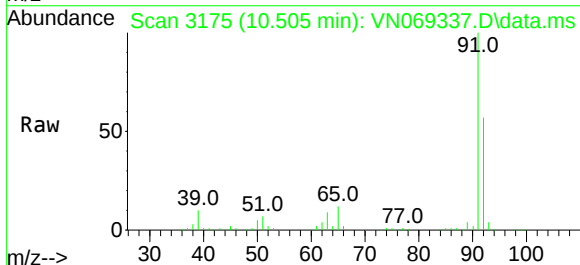
Manual Integrations
APPROVED

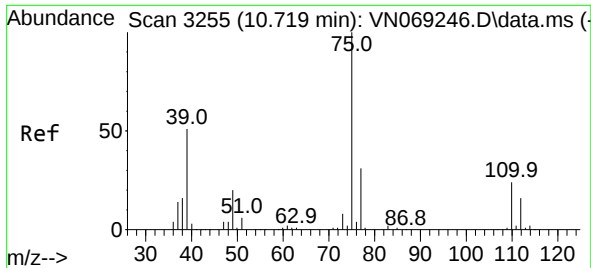
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#52
Toluene
Concen: 52.471 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

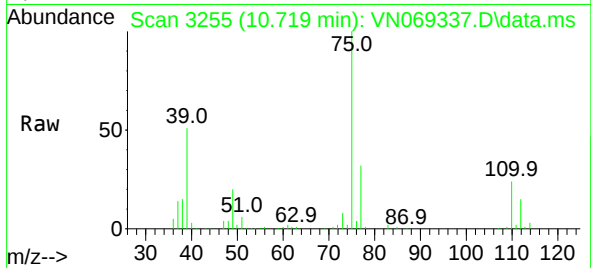
Tgt Ion: 92 Resp: 377794
Ion Ratio Lower Upper
92 100
91 175.9 138.5 207.7





#53
t-1,3-Dichloropropene
Concen: 46.377 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

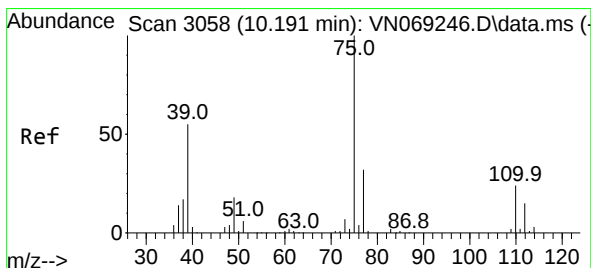
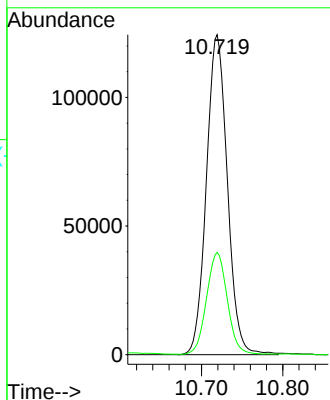
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



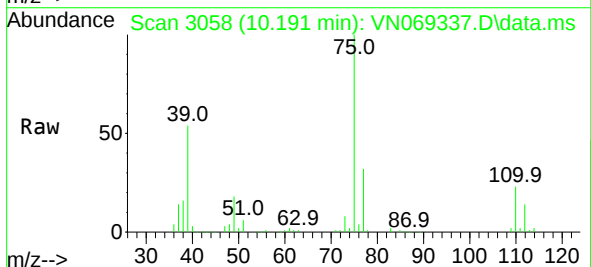
Tgt Ion: 75 Resp: 22302
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2

Manual Integrations
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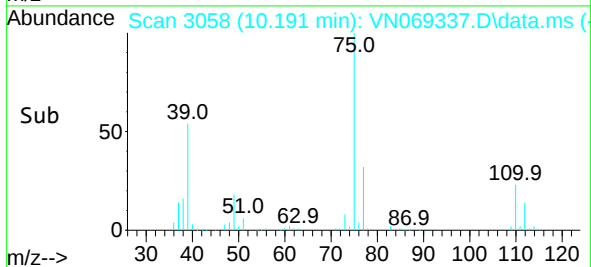
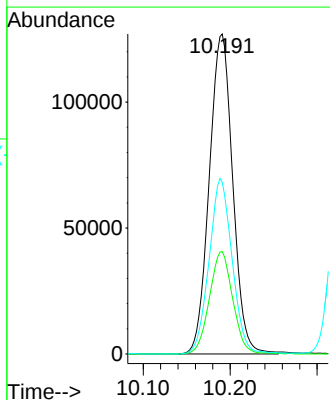
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

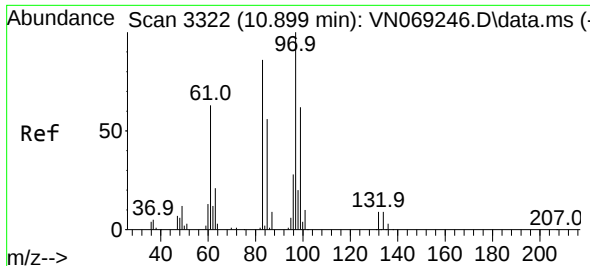


#54
cis-1,3-Dichloropropene
Concen: 47.626 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



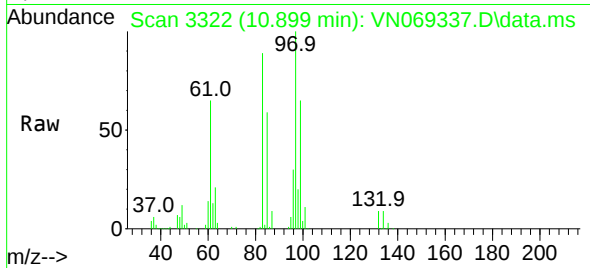
Tgt Ion: 75 Resp: 238126
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 53.7 42.9 64.3





#55
1,1,2-Trichloroethane
Concen: 50.948 ug/l
RT: 10.899 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

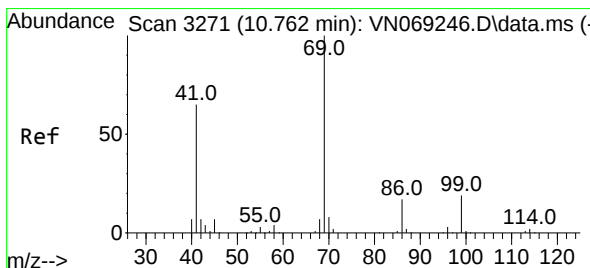
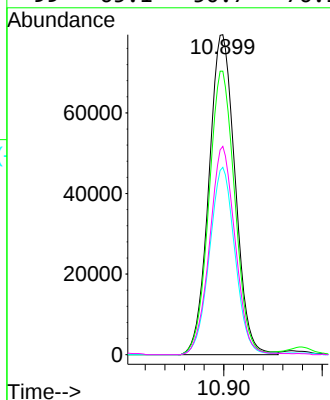
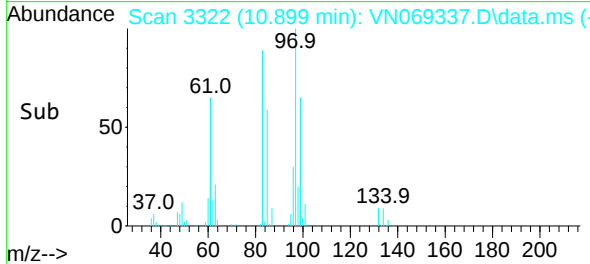
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



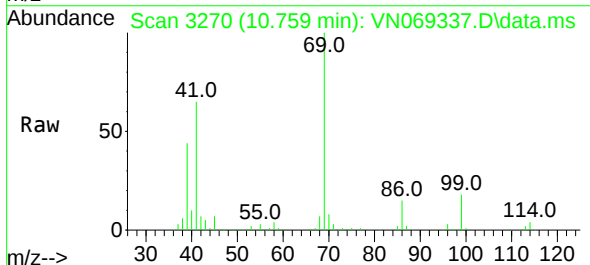
Tgt Ion: 97 Resp: 147168
Ion Ratio Lower Upper
97 100
83 88.6 70.5 105.7
85 58.5 45.3 67.9
99 65.1 50.7 76.1

Manual Integrations
APPROVED

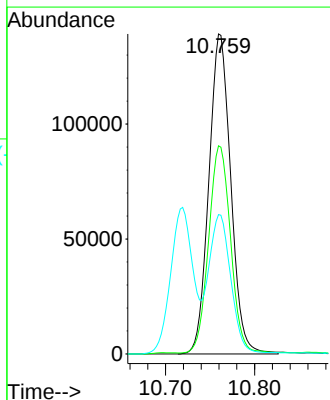
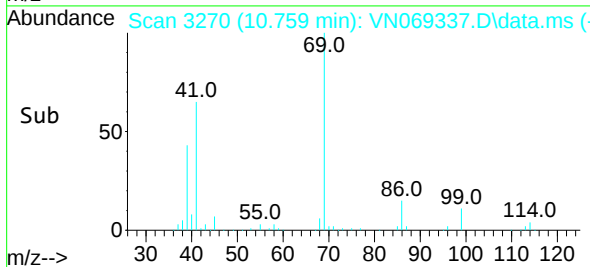
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

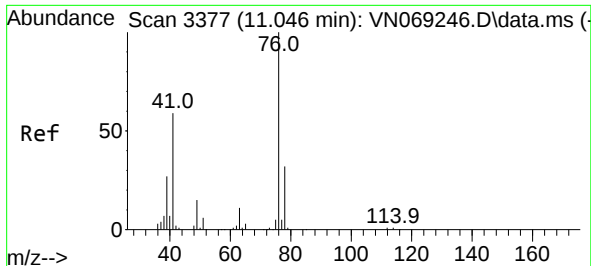


#56
Ethyl methacrylate
Concen: 44.981 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion: 69 Resp: 237788
Ion Ratio Lower Upper
69 100
41 64.9 53.3 79.9
39 42.9 33.3 49.9





#57

1,3-Dichloropropane

Concen: 52.275 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 25189

Ion Ratio Lower Upper

76 100

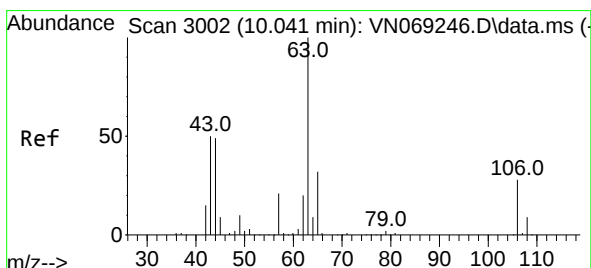
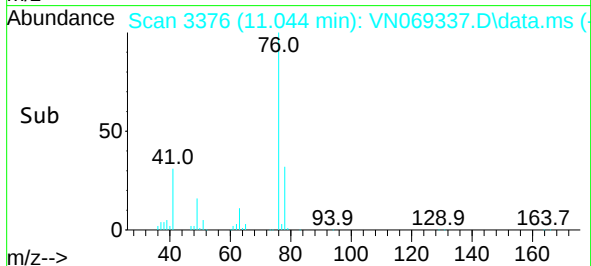
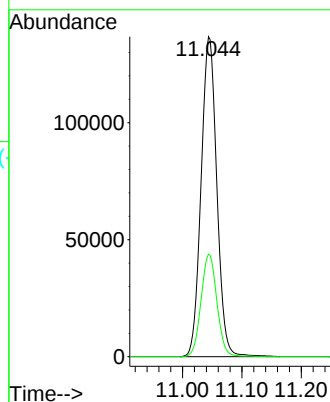
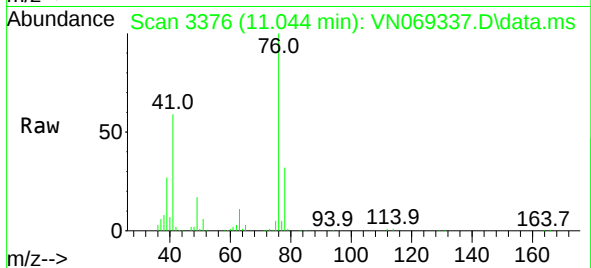
78 32.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#58

2-Chloroethyl Vinyl ether

Concen: 213.455 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069337.D

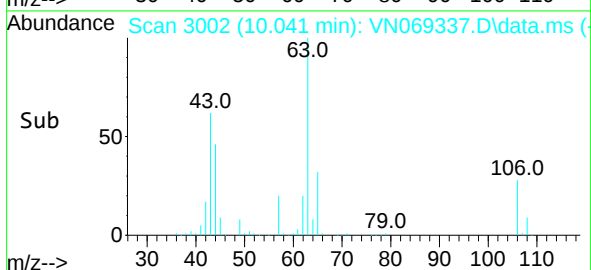
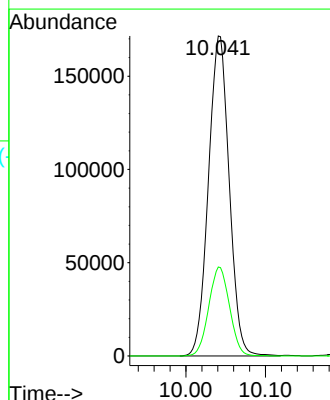
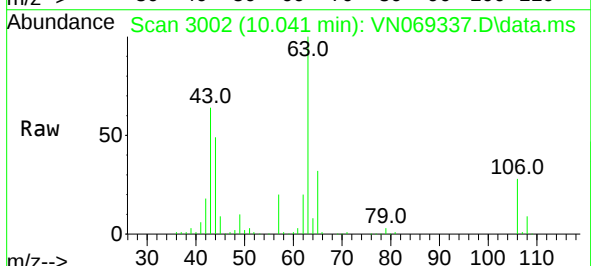
Acq: 2 Nov 2021 9:28

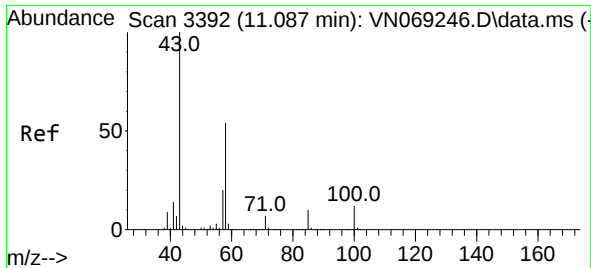
Tgt Ion: 63 Resp: 311230

Ion Ratio Lower Upper

63 100

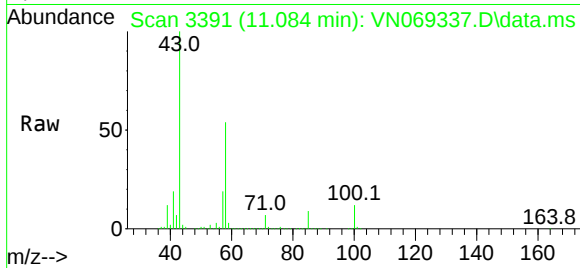
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 224.334 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

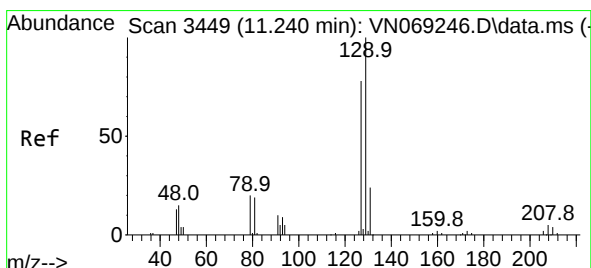
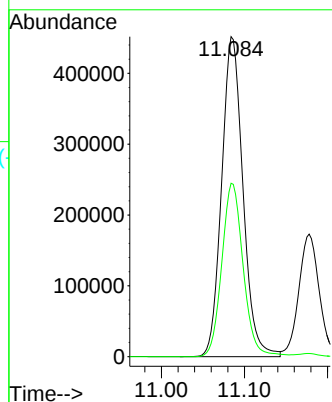
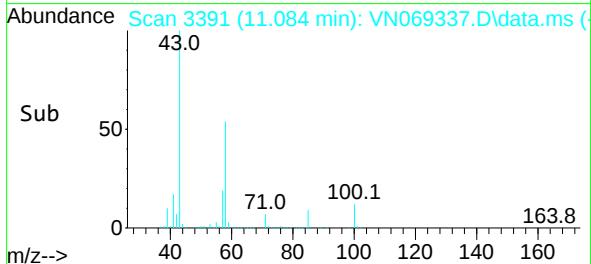
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 80687
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7

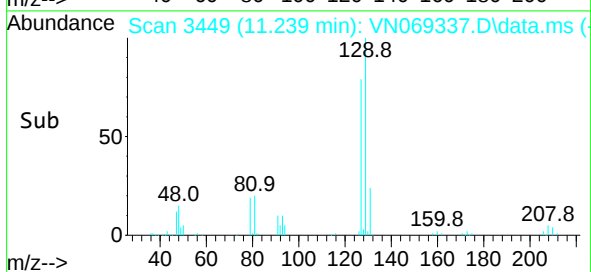
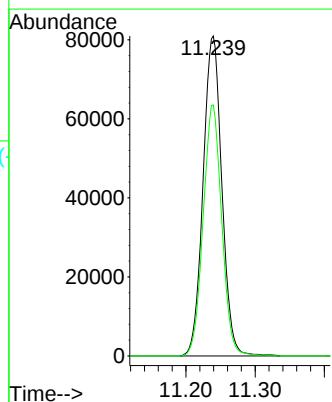
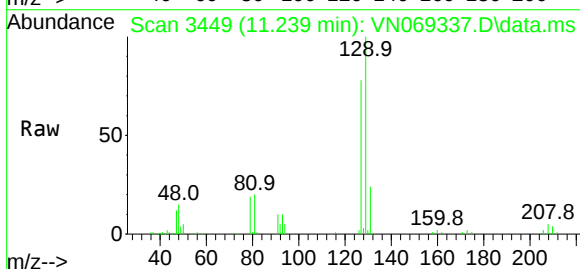
Manual Integrations
APPROVED

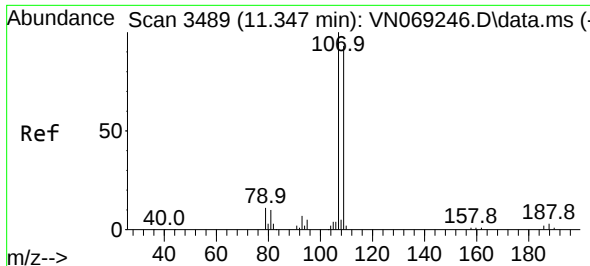
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#60
Dibromochloromethane
Concen: 46.497 ug/l
RT: 11.239 min Scan# 3449
Delta R.T. -0.001 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

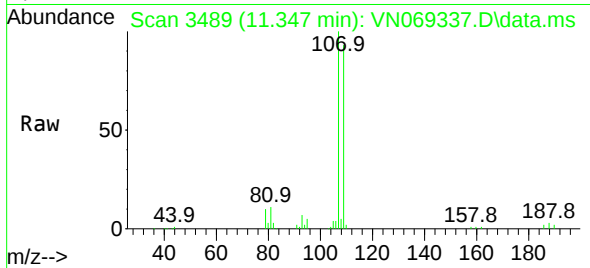
Tgt Ion:129 Resp: 152438
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.2





#61
1,2-Dibromoethane
Concen: 47.750 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

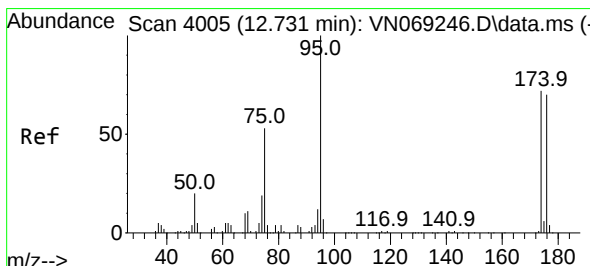
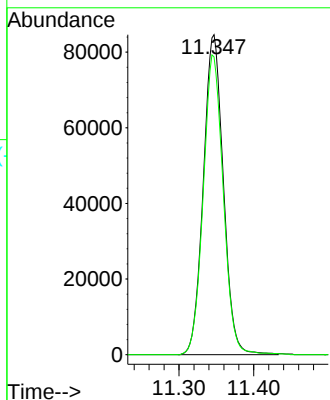
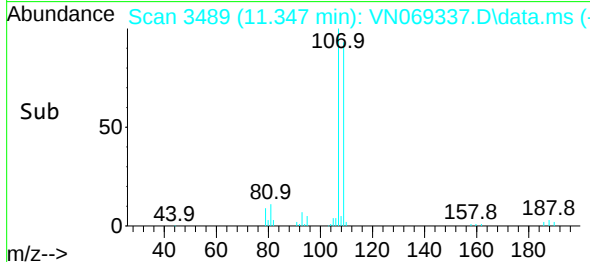
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 157382
Ion Ratio Lower Upper
107 100
109 93.5 74.7 112.1

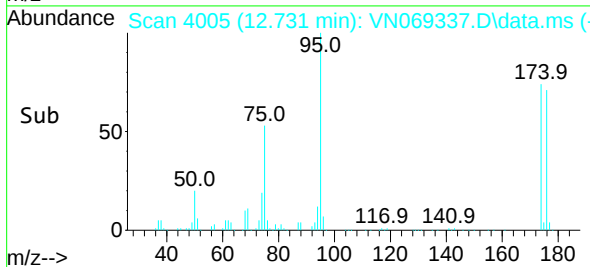
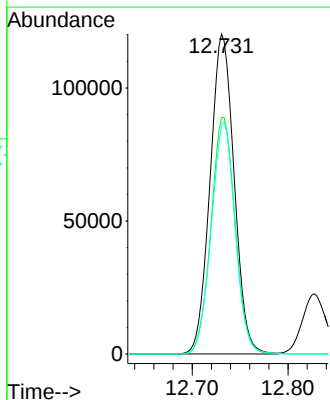
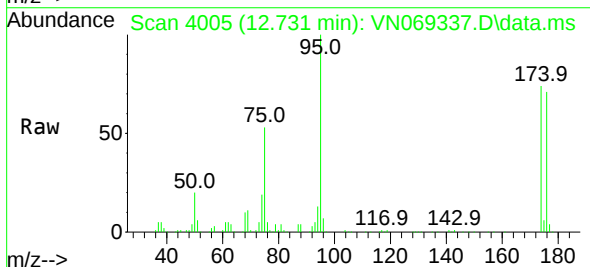
Manual Integrations
APPROVED

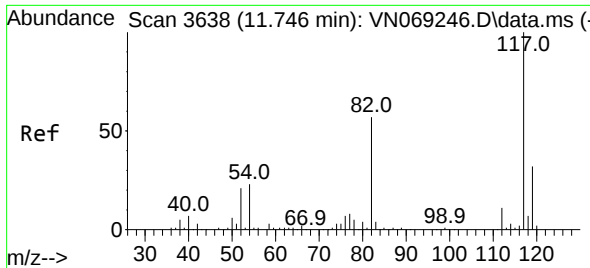
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#62
4-Bromofluorobenzene
Concen: 52.559 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Tgt Ion: 95 Resp: 209290
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.8
176 71.7 0.0 140.0





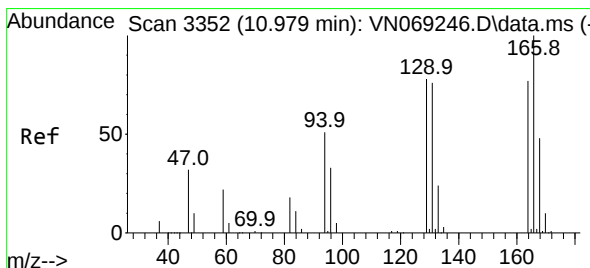
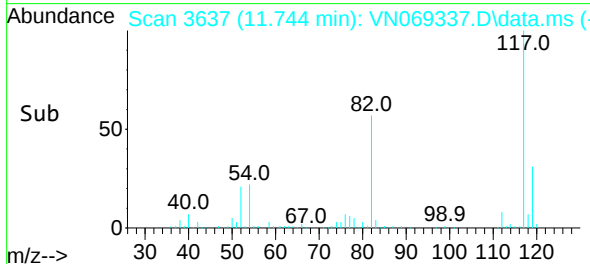
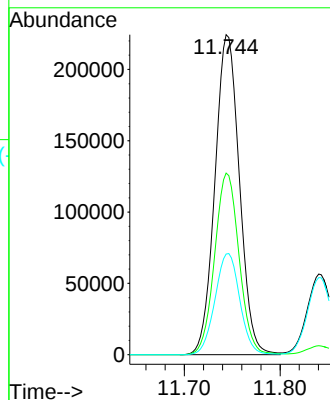
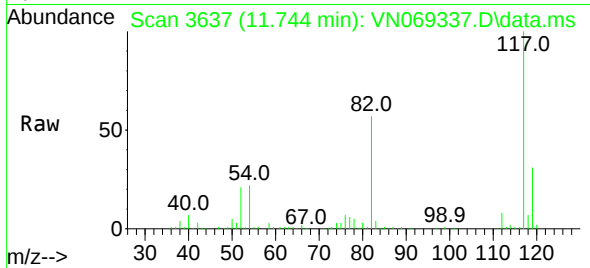
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 397848
Ion Ratio Lower Upper
117 100
82 56.7 46.4 69.6
119 31.5 26.0 39.0

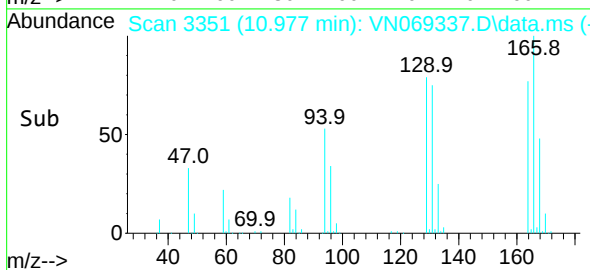
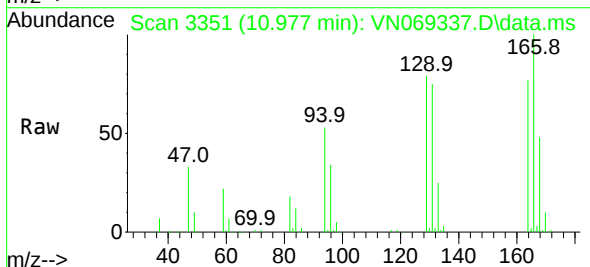
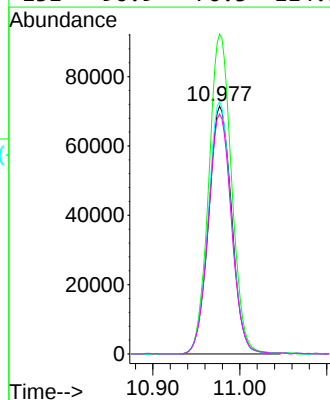
Manual Integrations
APPROVED

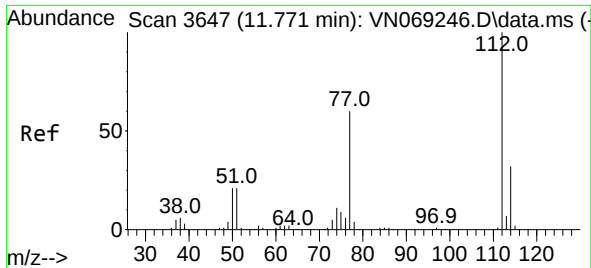
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#64
Tetrachloroethene
Concen: 51.950 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

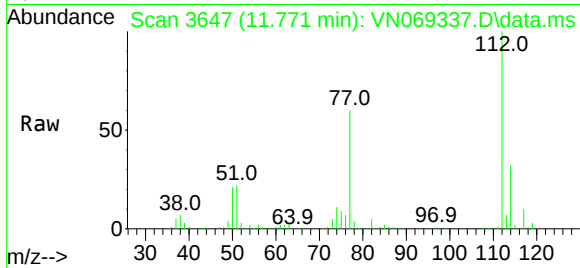
Tgt Ion:164 Resp: 132017
Ion Ratio Lower Upper
164 100
166 129.1 99.8 149.8
129 101.8 79.2 118.8
131 96.9 76.3 114.5





#65
Chlorobenzene
Concen: 52.057 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

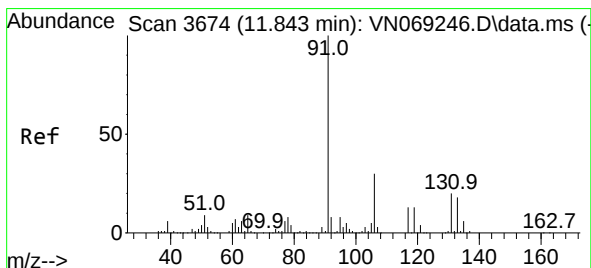
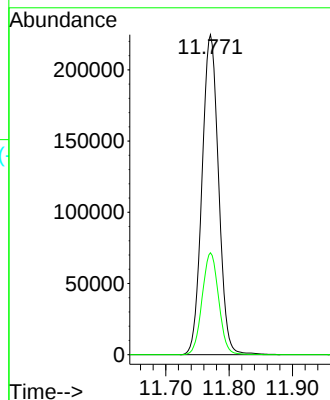
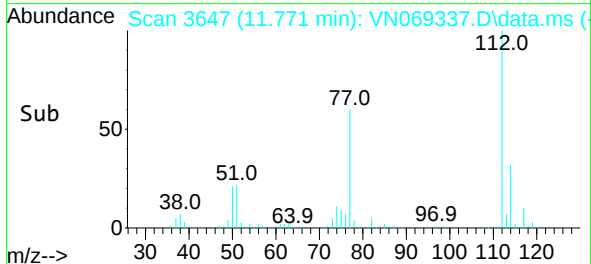
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



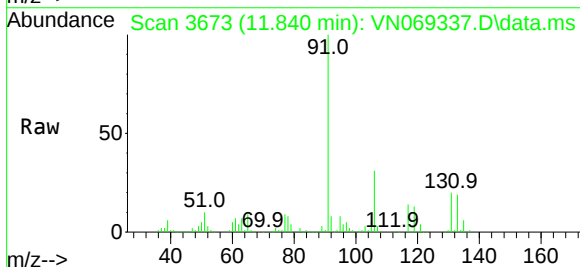
Tgt Ion:112 Resp: 40757
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

Manual Integrations
APPROVED

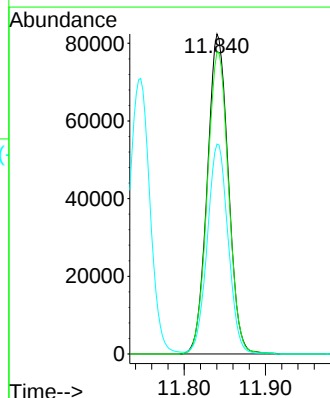
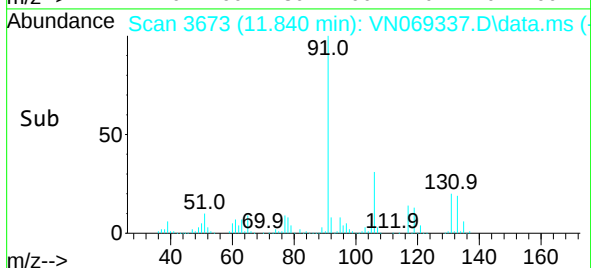
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

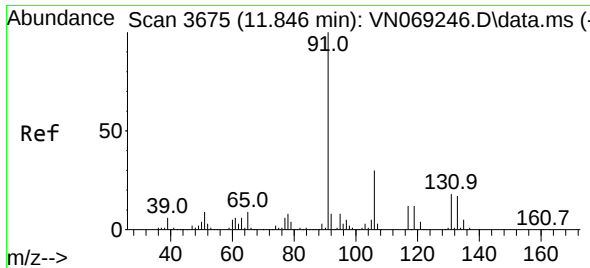


#66
1,1,1,2-Tetrachloroethane
Concen: 48.968 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



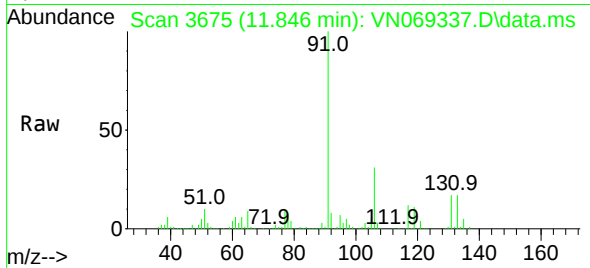
Tgt Ion:131 Resp: 148121
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 65.2 33.0 99.0





#67
Ethyl Benzene
Concen: 53.088 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

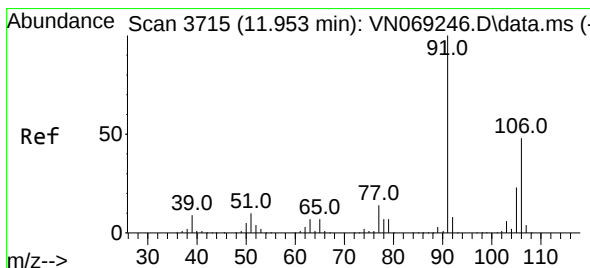
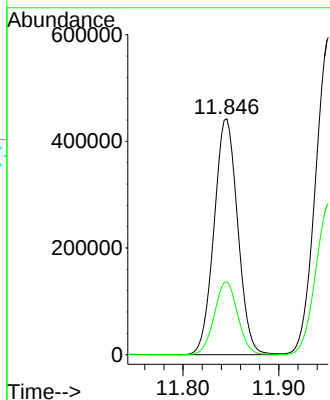
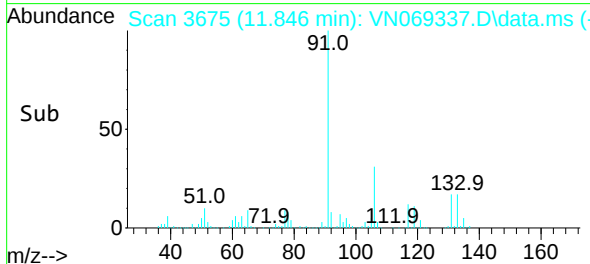
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



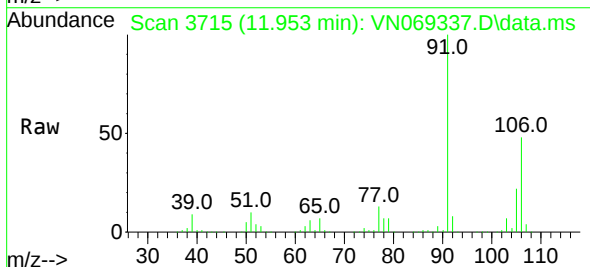
Tgt Ion: 91 Resp: 757212
Ion Ratio Lower Upper
91 100
106 30.9 24.8 37.2

Manual Integrations
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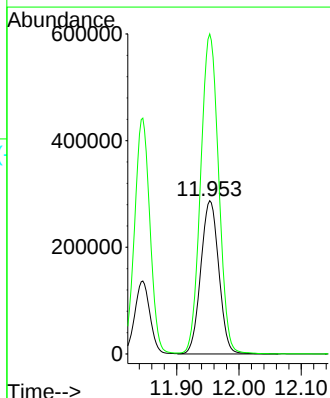
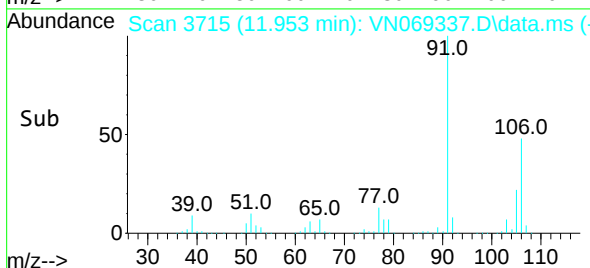
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

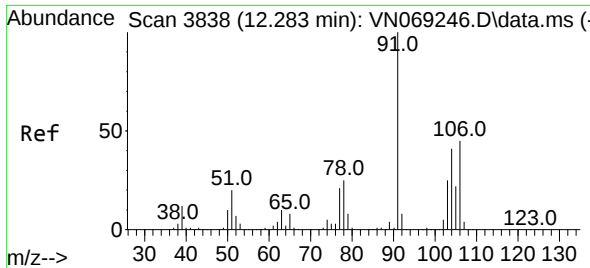


#68
m/p-Xylenes
Concen: 108.624 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion:106 Resp: 577127
Ion Ratio Lower Upper
106 100
91 208.9 166.8 250.2





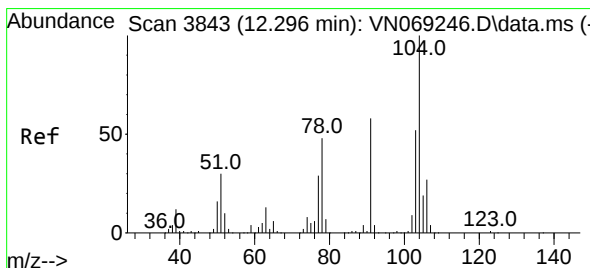
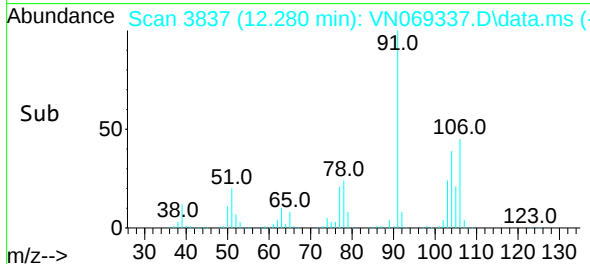
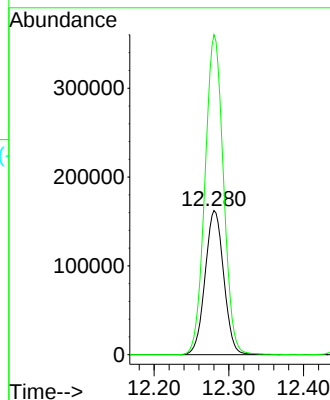
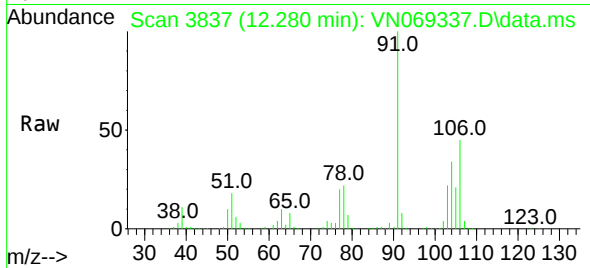
#69
o-Xylene
Concen: 52.626 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 281400
Ion Ratio Lower Upper
106 100
91 220.7 109.6 328.6

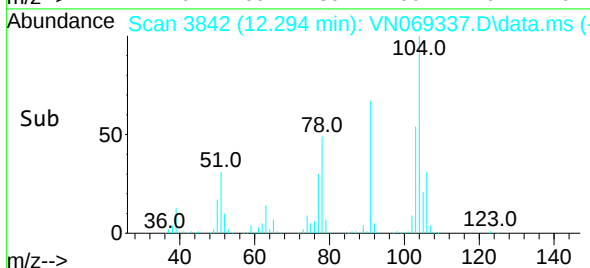
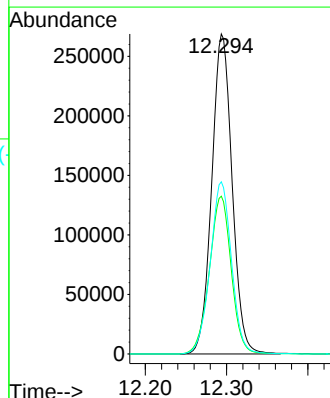
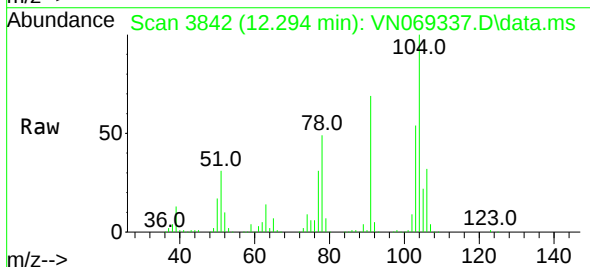
Manual Integrations
APPROVED

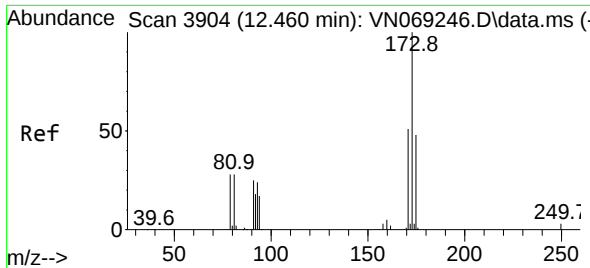
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#70
Styrene
Concen: 48.220 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

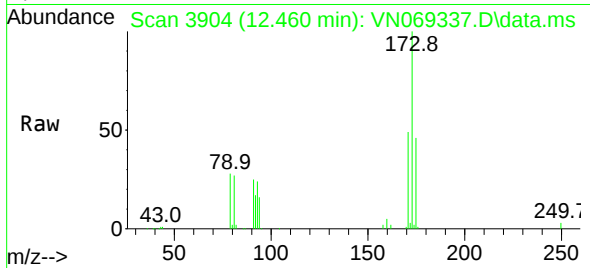
Tgt Ion:104 Resp: 468103
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.4
103 56.3 44.4 66.6





#71
Bromoform
Concen: 43.991 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

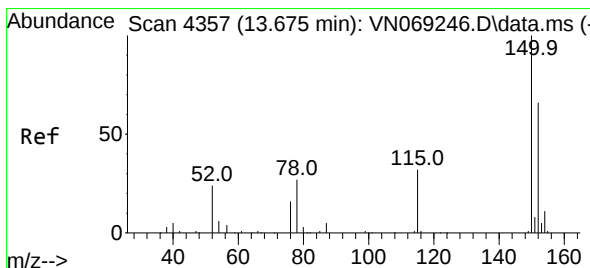
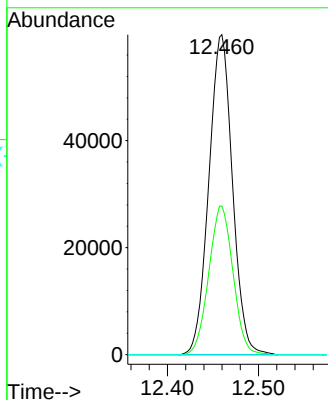
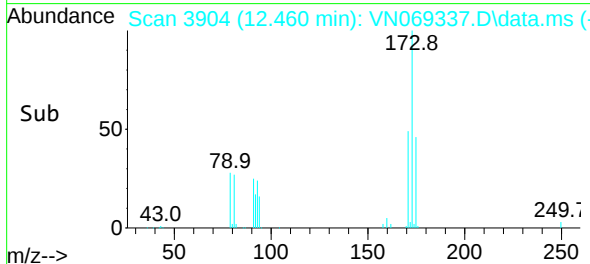
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



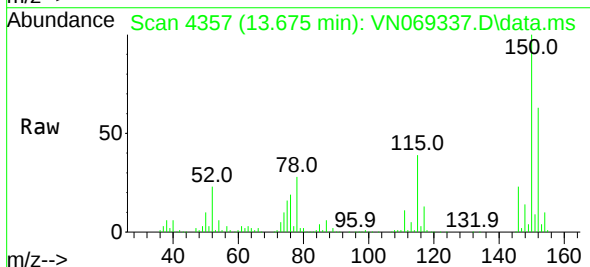
Tgt Ion:173 Resp: 107590
Ion Ratio Lower Upper
173 100
175 47.6 23.8 71.5
254 0.0 0.0 0.0

Manual Integrations
APPROVED

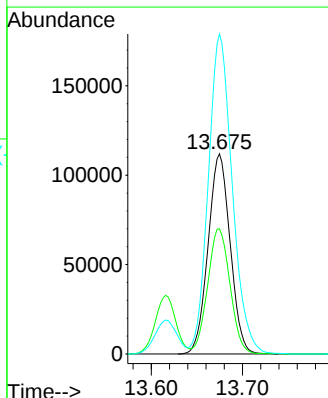
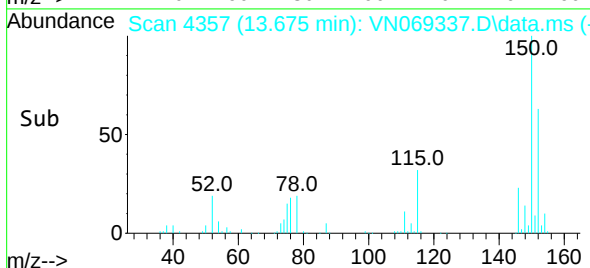
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

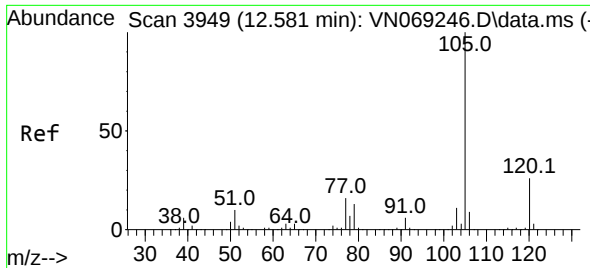


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion:152 Resp: 188158
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.3
150 173.5 0.0 351.0





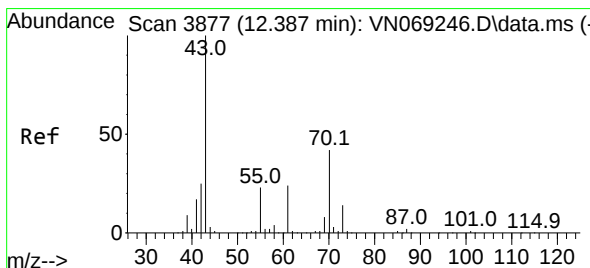
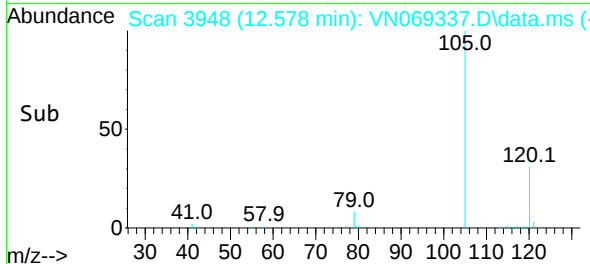
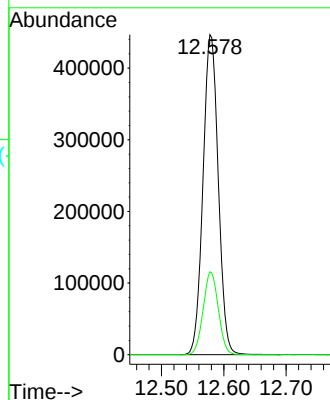
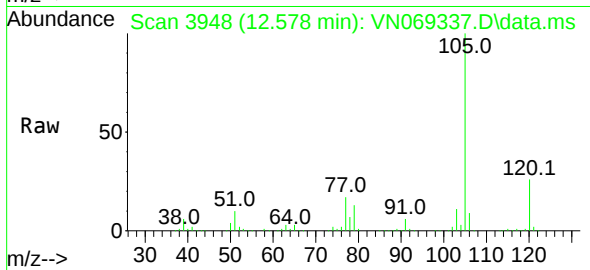
#73
Isopropylbenzene
Concen: 47.993 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 759054
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3

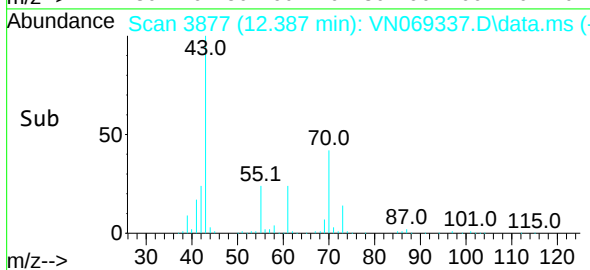
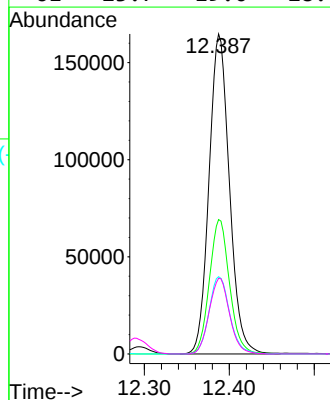
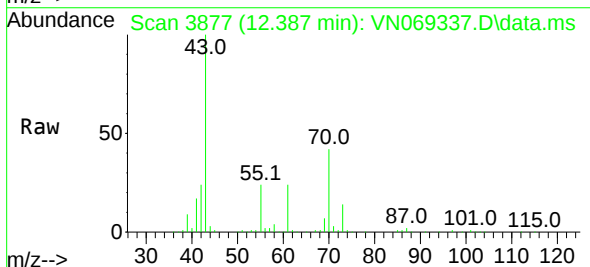
Manual Integrations
APPROVED

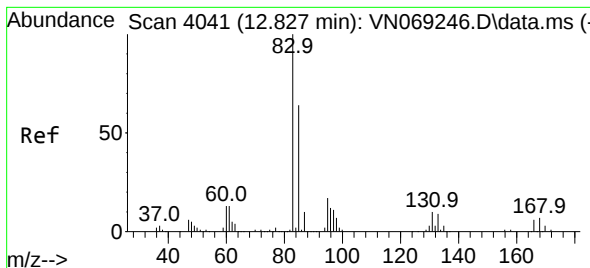
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#74
N-ethyl acetate
Concen: 44.002 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Tgt Ion: 43 Resp: 274157
Ion Ratio Lower Upper
43 100
70 41.6 32.2 48.2
55 24.6 18.0 27.0
61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 45.304 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 22873

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

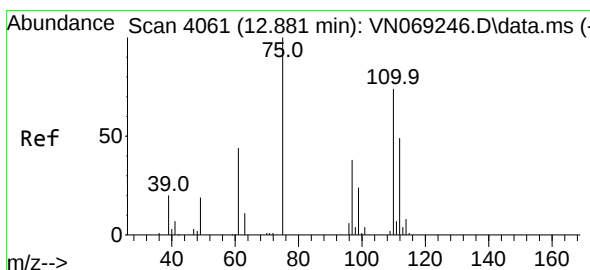
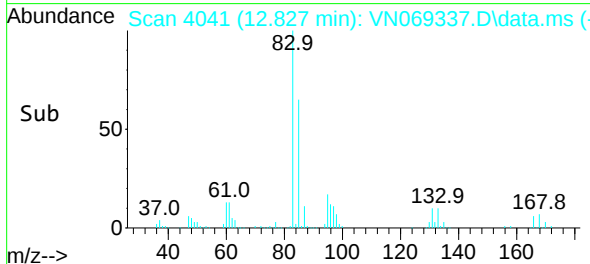
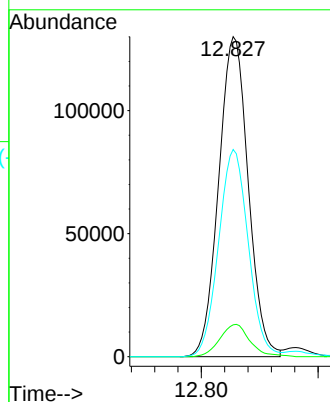
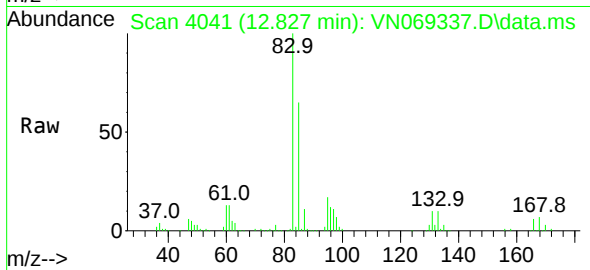
85 65.0 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#76

1,2,3-Trichloropropane

Concen: 42.931 ug/l m

RT: 12.881 min Scan# 4061

Delta R.T. -0.000 min

Lab File: VN069337.D

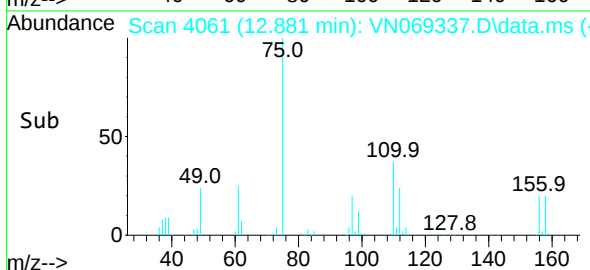
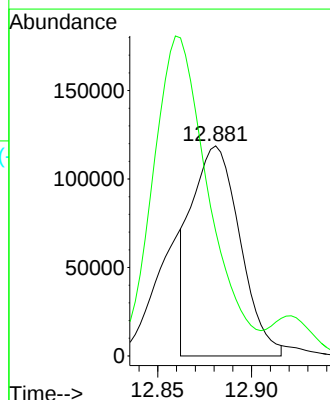
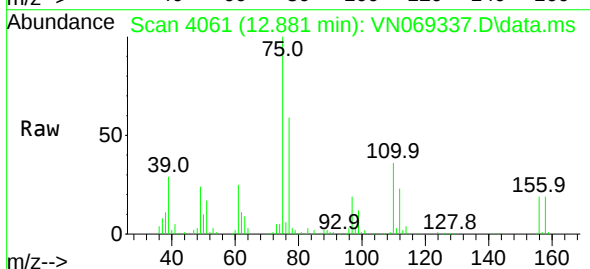
Acq: 2 Nov 2021 9:28

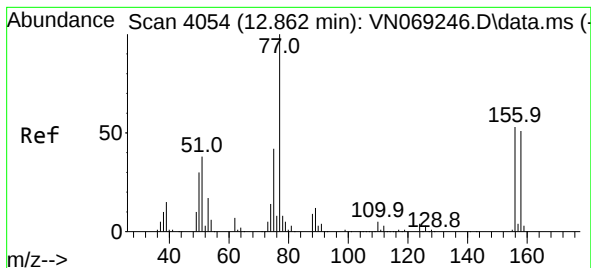
Tgt Ion: 75 Resp: 212456

Ion Ratio Lower Upper

75 100

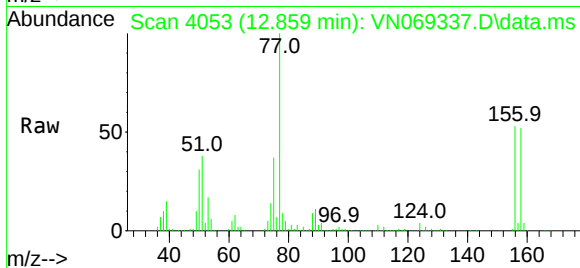
77 0.0 96.2 288.4#





#77
Bromobenzene
Concen: 46.192 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

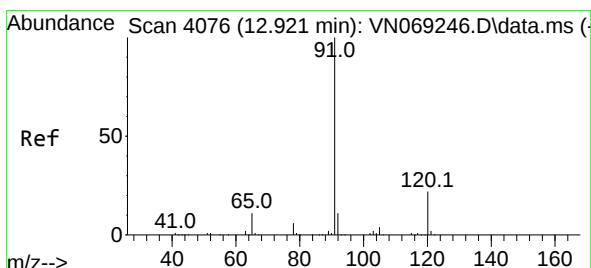
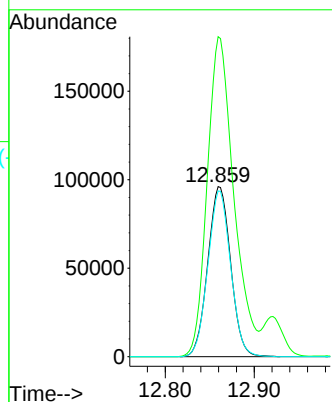
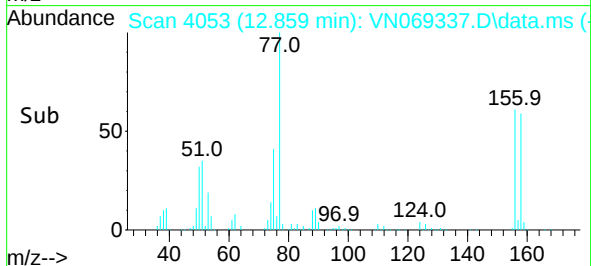
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



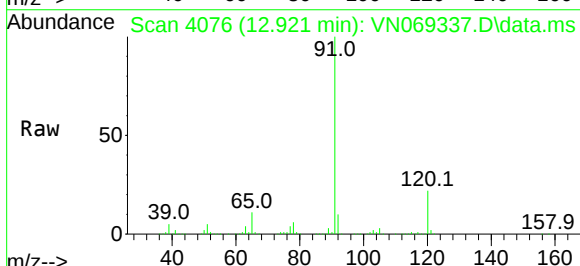
Tgt Ion:156 Resp: 171385
Ion Ratio Lower Upper
156 100
77 218.5 111.8 335.3
158 97.1 48.4 145.0

Manual Integrations
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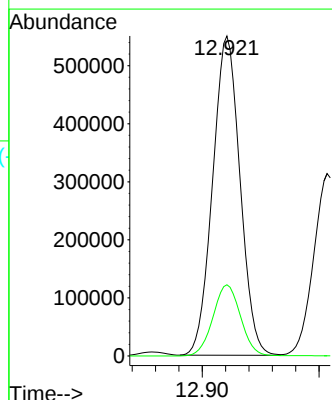
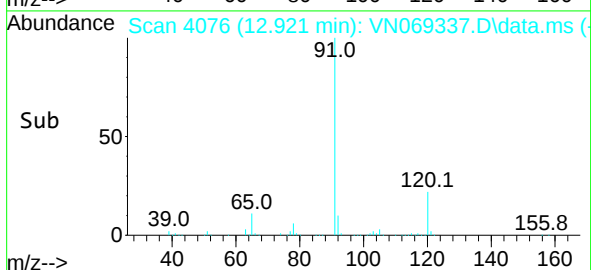
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

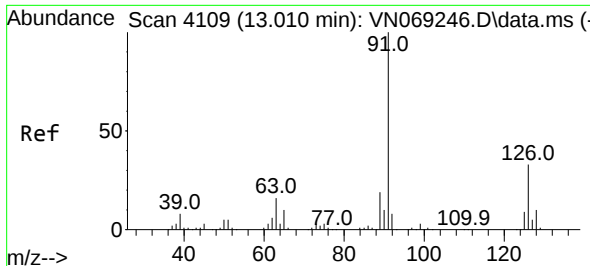


#78
n-propylbenzene
Concen: 50.014 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion: 91 Resp: 895392
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1





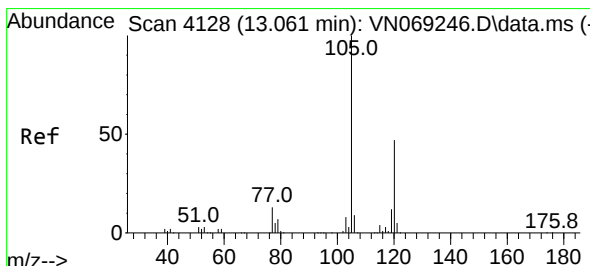
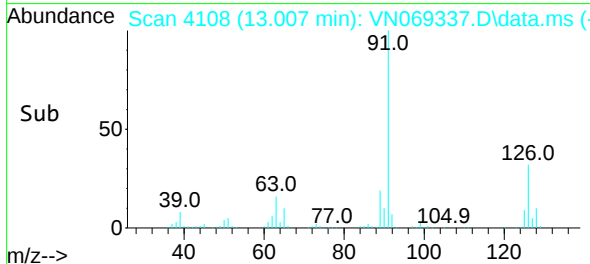
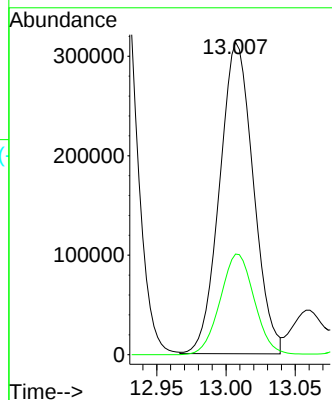
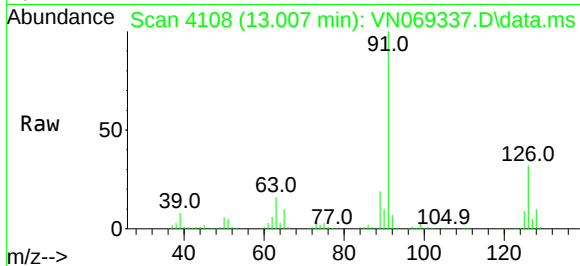
#79
2-Chlorotoluene
Concen: 47.028 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 530250
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

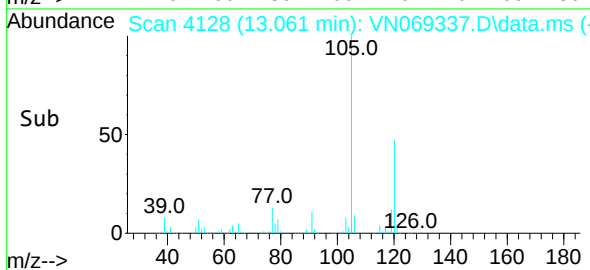
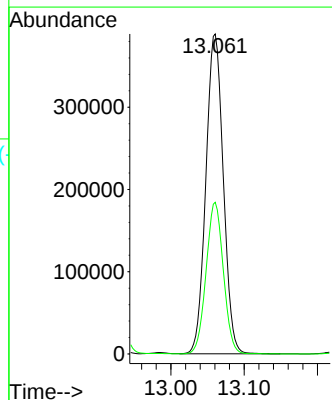
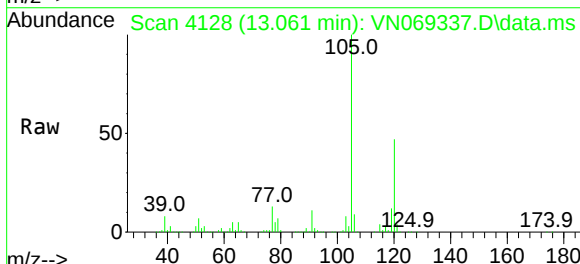
Manual Integrations
APPROVED

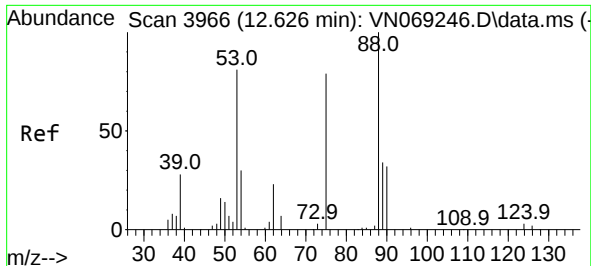
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.001 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Tgt Ion:105 Resp: 643388
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.2





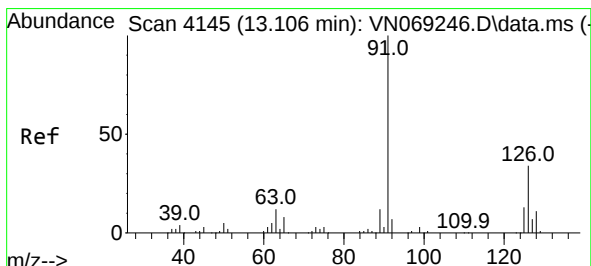
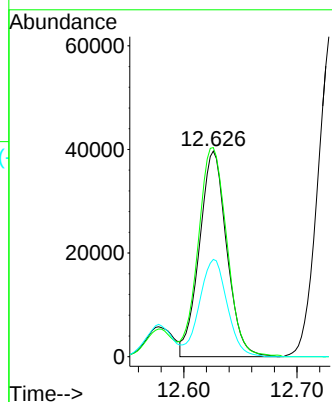
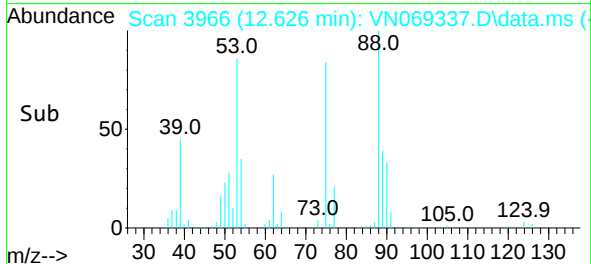
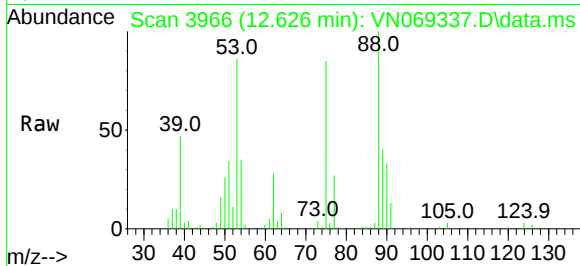
#81
trans-1,4-Dichloro-2-butene
Concen: 40.380 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 6638
Ion Ratio Lower Upper
75 100
53 107.6 75.4 113.2
89 47.8 36.9 55.3

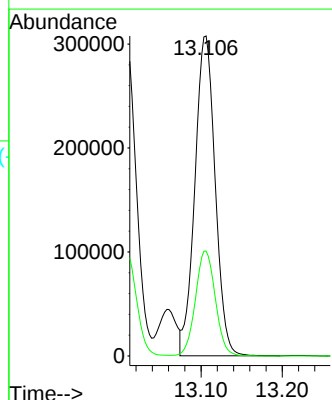
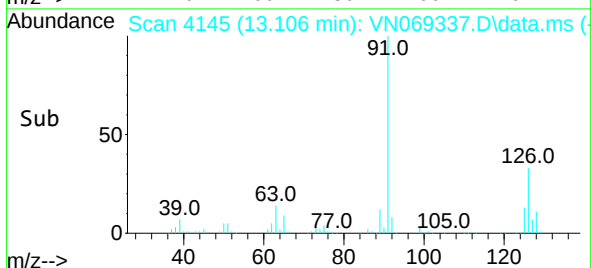
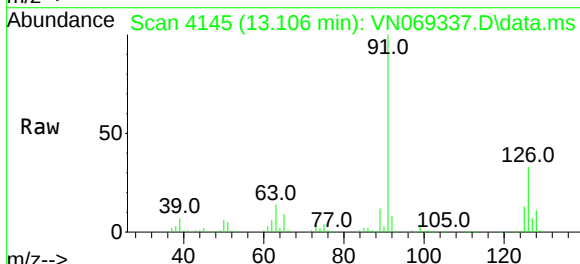
Manual Integrations
APPROVED

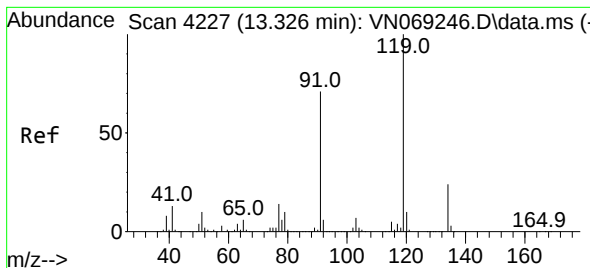
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#82
4-Chlorotoluene
Concen: 47.915 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

Tgt Ion: 91 Resp: 532839
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8





#83

tert-Butylbenzene

Concen: 48.339 ug/l

RT: 13.323 min Scan# 4226

Delta R.T. -0.003 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

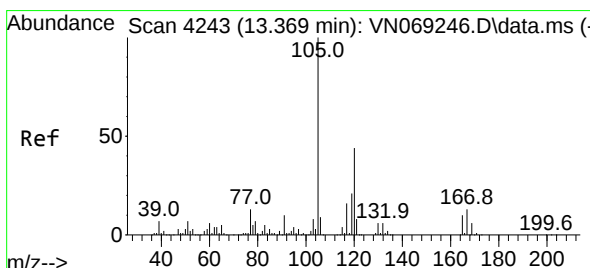
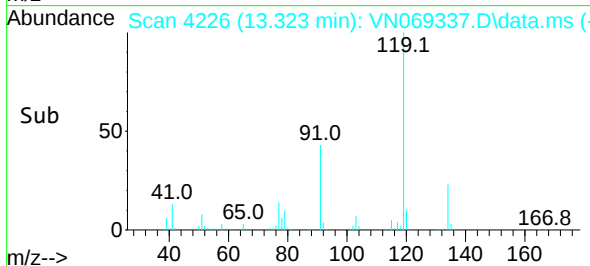
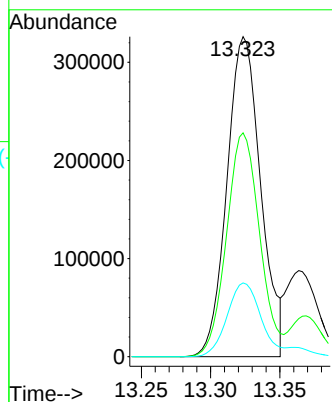
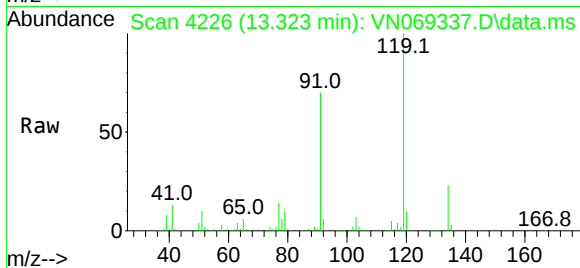
Tgt Ion:	119	Resp:	553750
Ion Ratio	Lower	Upper	
119	100		
91	68.9	34.6	103.9
134	23.1	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#84

1,2,4-Trimethylbenzene

Concen: 49.044 ug/l

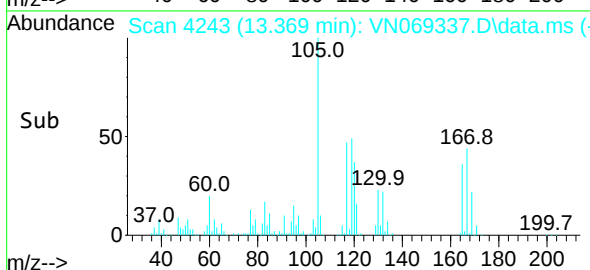
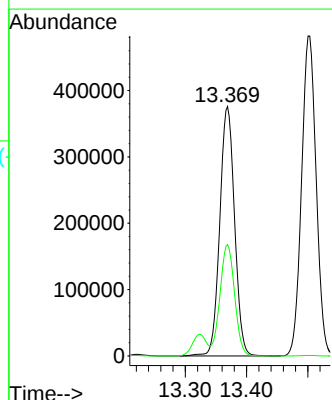
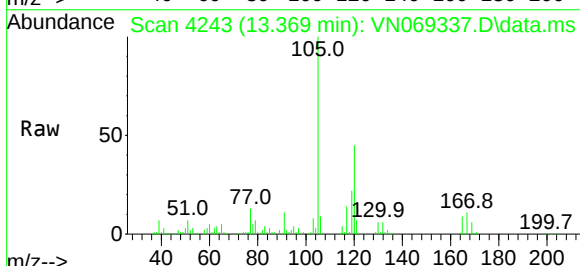
RT: 13.369 min Scan# 4243

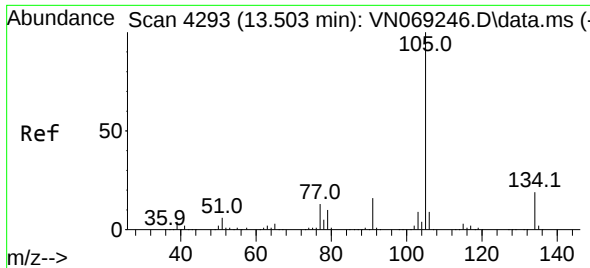
Delta R.T. -0.000 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Tgt Ion:	105	Resp:	629825
Ion Ratio	Lower	Upper	
105	100		
120	44.4	21.9	65.5





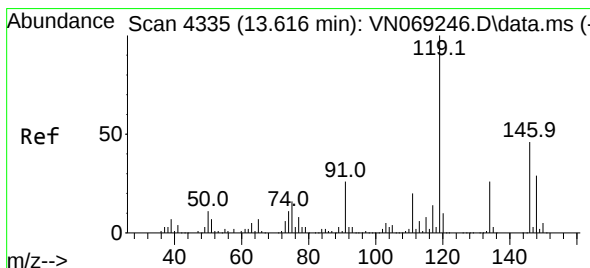
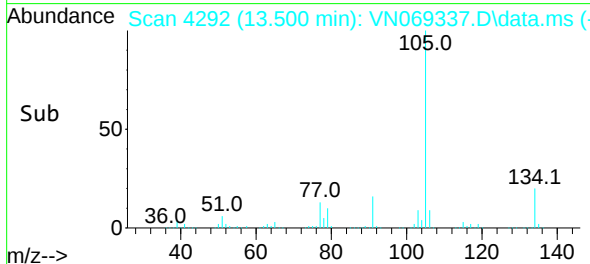
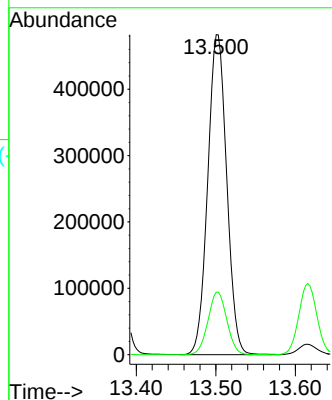
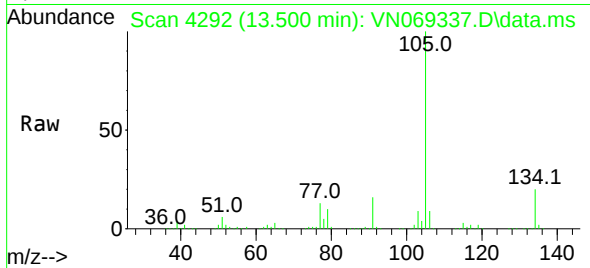
#85
 sec-Butylbenzene
 Concen: 50.289 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069337.D
 Acq: 2 Nov 2021 9:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 79818
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

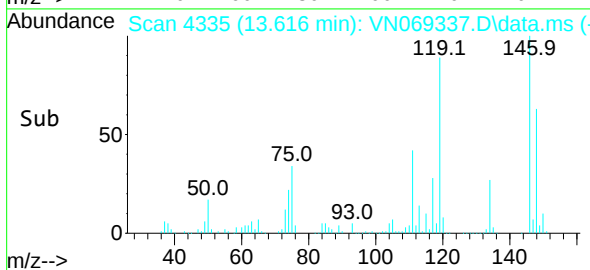
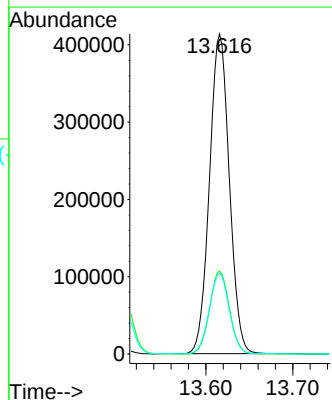
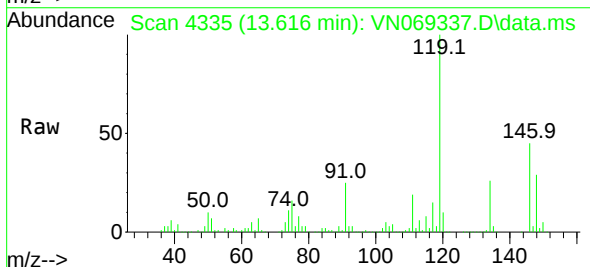
Manual Integrations
 APPROVED

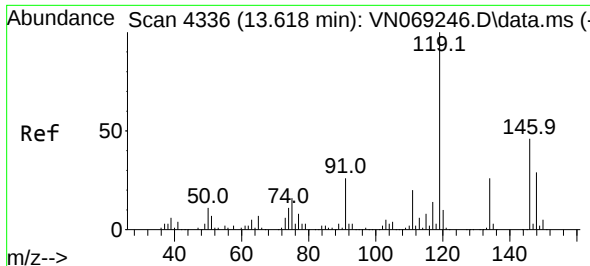
Reviewed By :John Carlone 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#86
 p-Isopropyltoluene
 Concen: 51.825 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069337.D
 Acq: 2 Nov 2021 9:28

Tgt Ion:119 Resp: 656012
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 25.4 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 49.031 ug/l

RT: 13.616 min Scan# 4336

Delta R.T. -0.002 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 31827

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.2

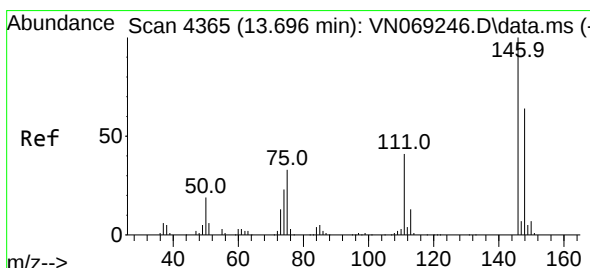
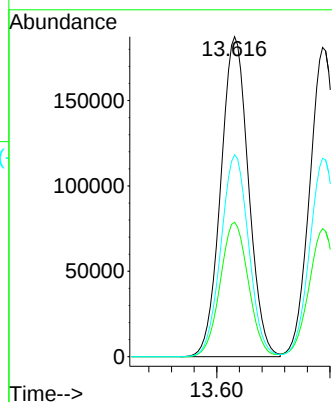
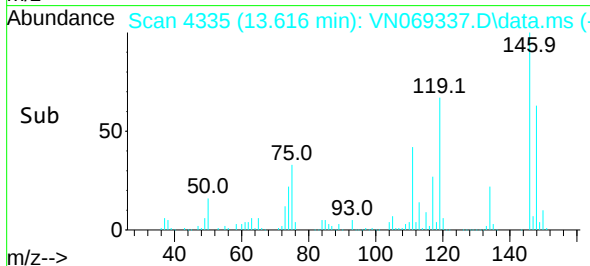
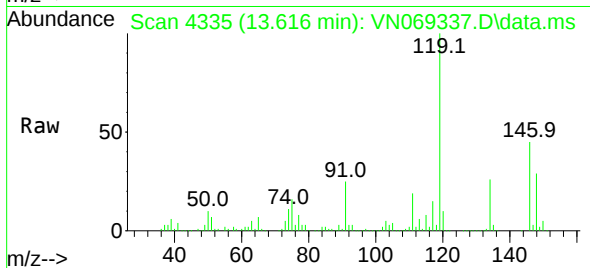
148 63.4 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#88

1,4-Dichlorobenzene

Concen: 49.004 ug/l

RT: 13.693 min Scan# 4364

Delta R.T. -0.003 min

Lab File: VN069337.D

Acq: 2 Nov 2021 9:28

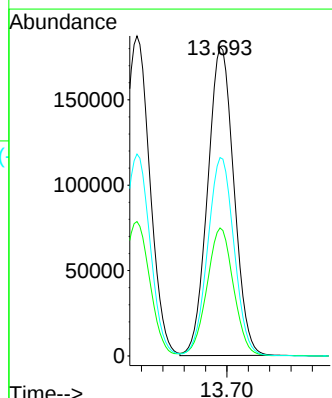
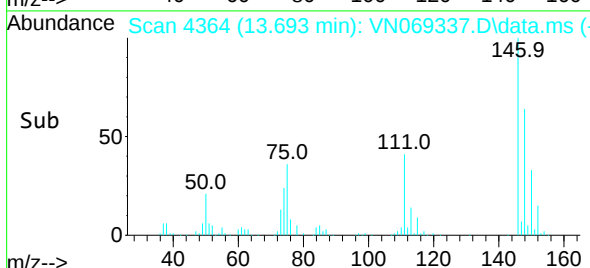
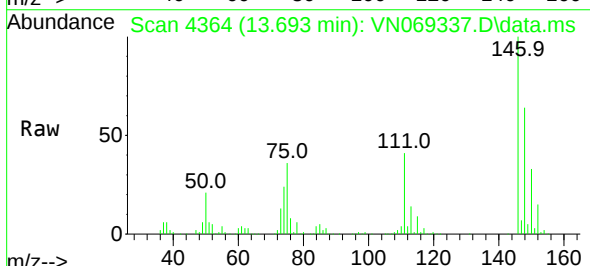
Tgt Ion:146 Resp: 308868

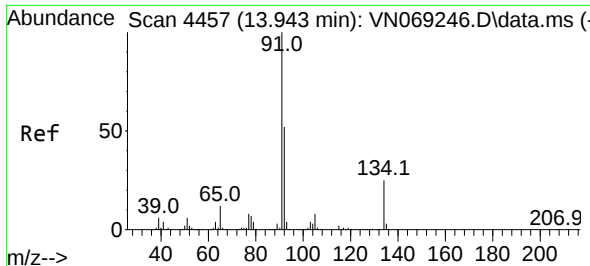
Ion Ratio Lower Upper

146 100

111 41.8 20.6 61.8

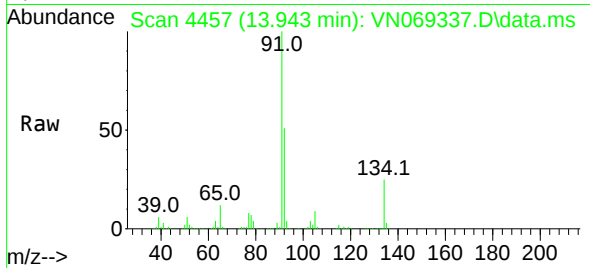
148 64.5 32.1 96.5





#89
n-Butylbenzene
Concen: 53.321 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

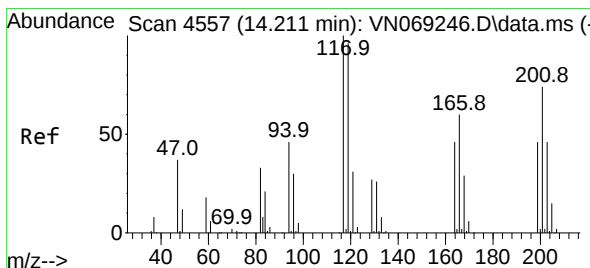
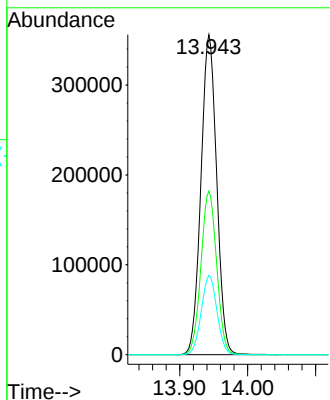
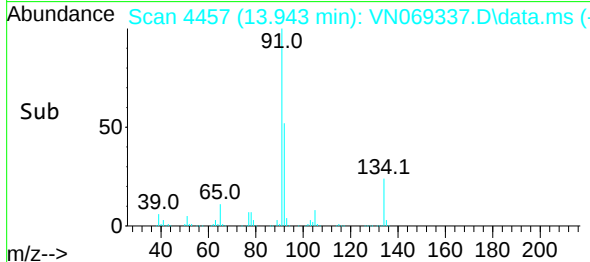
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 571586
Ion Ratio Lower Upper
91 100
92 51.1 26.0 78.0
134 24.8 12.5 37.5

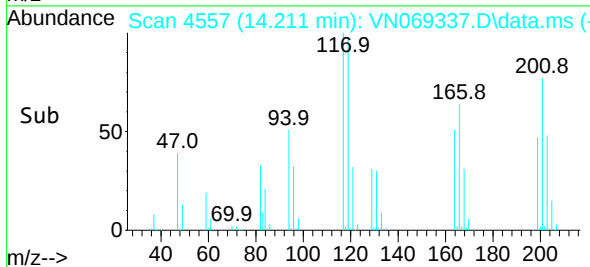
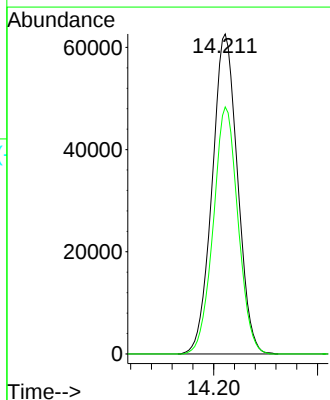
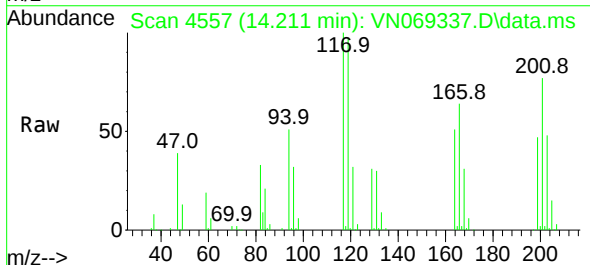
Manual Integrations
APPROVED

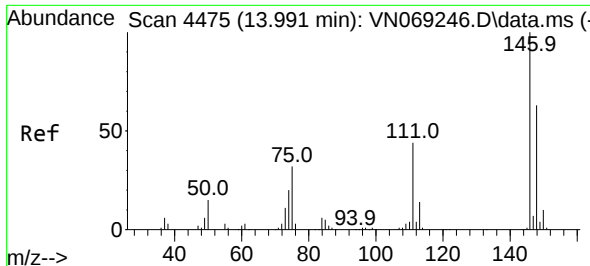
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#90
Hexachloroethane
Concen: 42.760 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

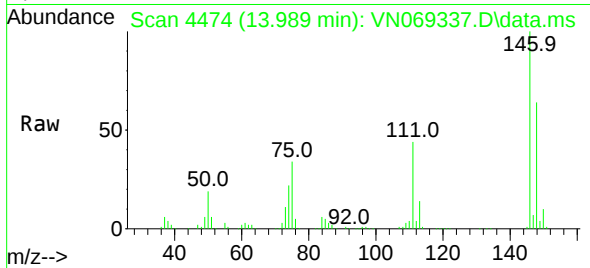
Tgt Ion:117 Resp: 106429
Ion Ratio Lower Upper
117 100
201 75.1 37.1 111.5





#91
1,2-Dichlorobenzene
Concen: 47.970 ug/l
RT: 13.989 min Scan# 4475
Delta R.T. -0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

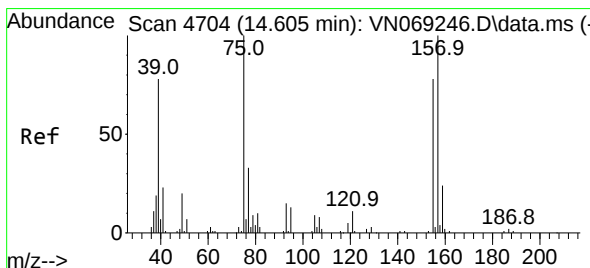
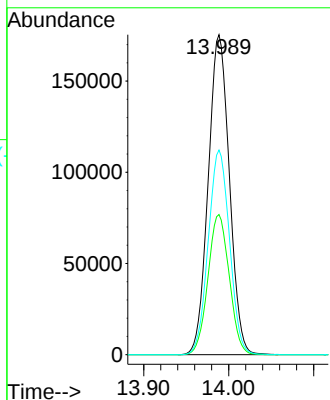
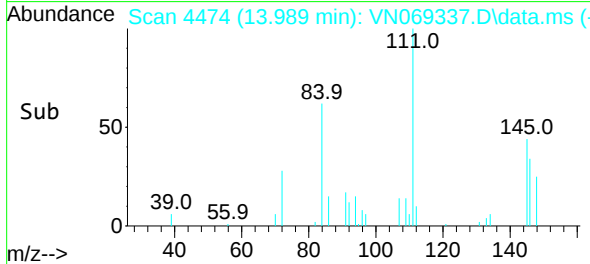
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



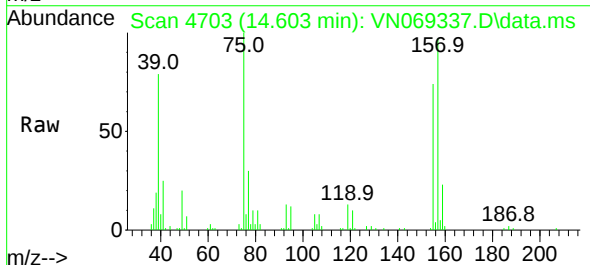
Tgt Ion:146 Resp: 30336
Ion Ratio Lower Upper
146 100
111 44.1 22.0 66.0
148 64.4 32.1 96.5

Manual Integrations
APPROVED

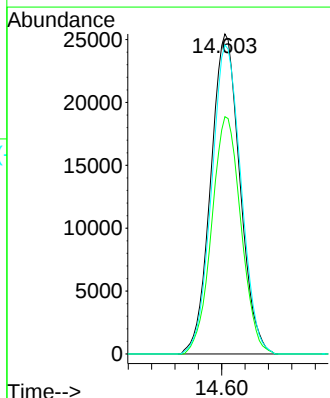
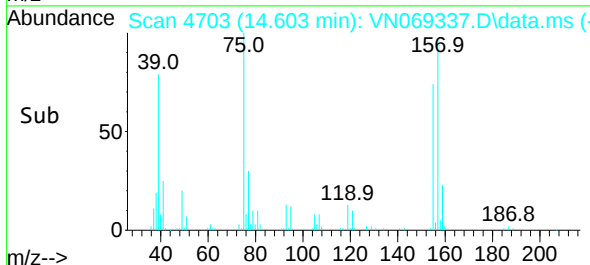
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

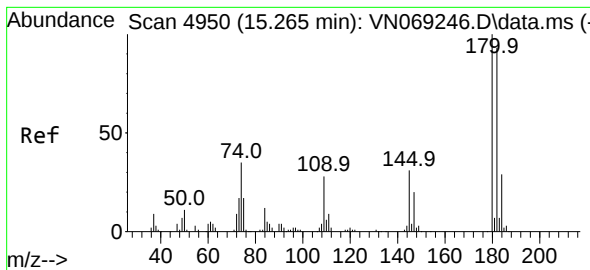


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.294 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



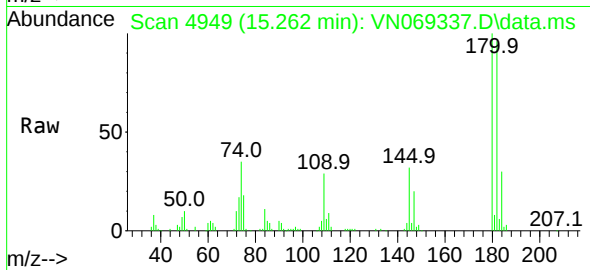
Tgt Ion: 75 Resp: 43998
Ion Ratio Lower Upper
75 100
155 74.6 38.8 116.4
157 97.5 50.2 150.6





#93
1,2,4-Trichlorobenzene
Concen: 48.899 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

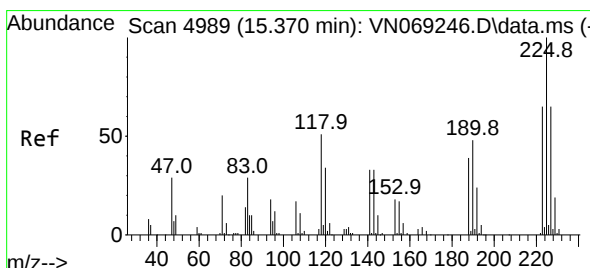
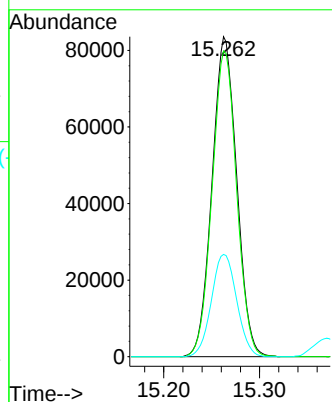
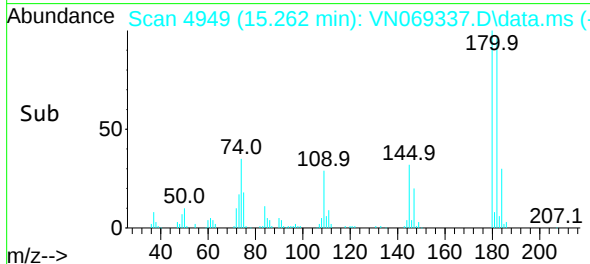
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



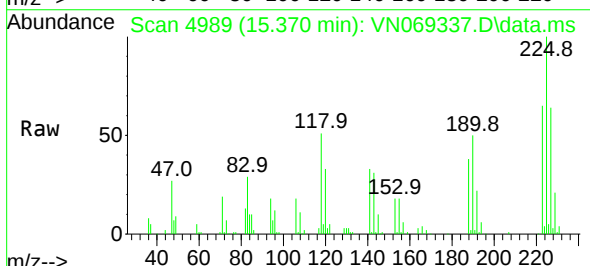
Tgt Ion:180 Resp: 149250
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.7
145 32.8 16.4 49.2

Manual Integrations
APPROVED

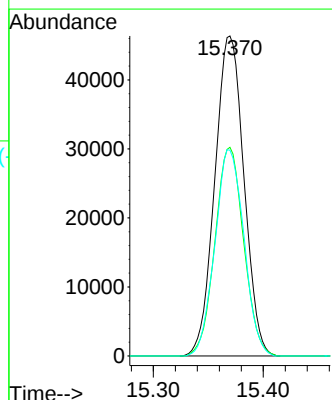
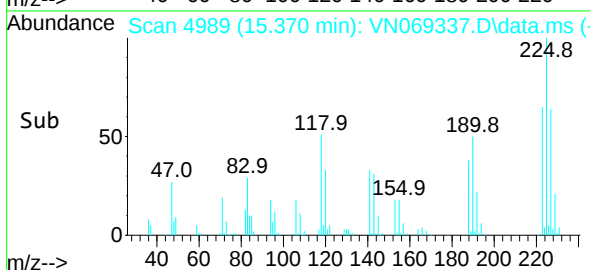
Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

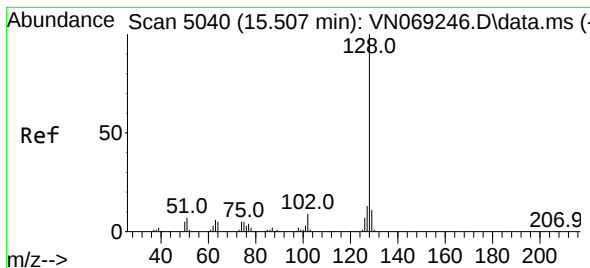


#94
Hexachlorobutadiene
Concen: 54.854 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



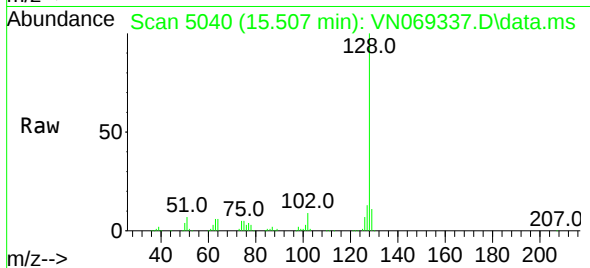
Tgt Ion:225 Resp: 85366
Ion Ratio Lower Upper
225 100
223 64.2 31.5 94.5
227 64.1 31.6 94.7





#95
Naphthalene
Concen: 41.567 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28

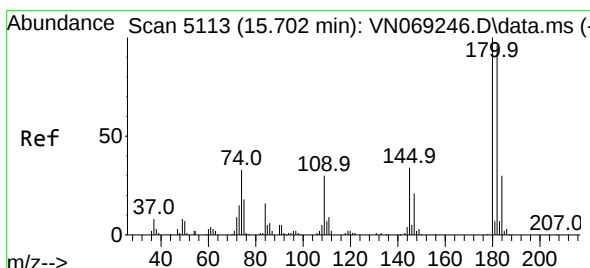
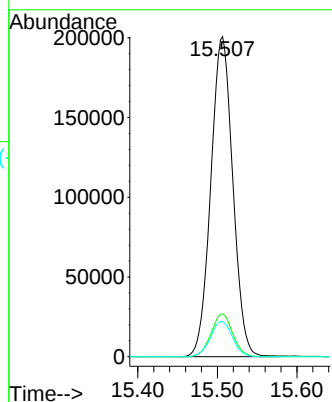
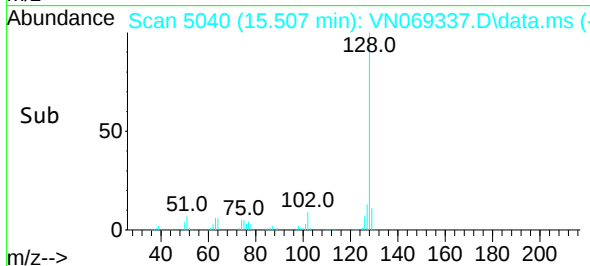
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



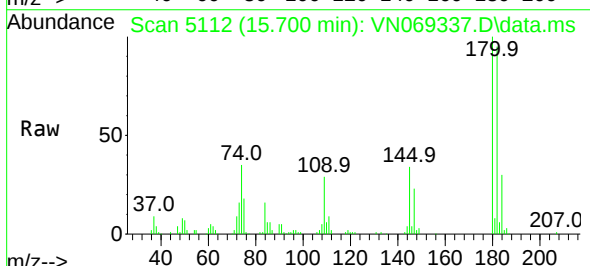
Tgt Ion:128 Resp: 385231
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.619 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069337.D
Acq: 2 Nov 2021 9:28



Tgt Ion:180 Resp: 141802
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.3
145 33.6 17.4 52.2

