

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069521.D
 Acq On : 16 Nov 2021 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 01:01:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1113433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1845326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1697823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	762011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	789398	48.897	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.800%		
35) Dibromofluoromethane	8.021	113	561182	50.705	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.420%		
50) Toluene-d8	10.440	98	2168330	49.814	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.620%		
62) 4-Bromofluorobenzene	12.731	95	790939	49.463	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	493722	41.505	ug/l	99
3) Chloromethane	2.303	50	545134	39.516	ug/l	98
4) Vinyl Chloride	2.445	62	563739	40.812	ug/l	99
5) Bromomethane	2.845	94	325780	36.315	ug/l	95
6) Chloroethane	3.014	64	362418	38.871	ug/l	98
7) Trichlorofluoromethane	3.373	101	844836	39.574	ug/l	99
8) Diethyl Ether	3.824	74	299740	43.396	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.202	101	437952	43.550	ug/l	94
10) Methyl Iodide	4.419	142	563790	45.709	ug/l	97
11) Tert butyl alcohol	5.377	59	589978	202.803	ug/l	99
12) 1,1-Dichloroethene	4.178	96	394772	43.745	ug/l	93
13) Acrolein	4.038	56	88573	214.056	ug/l	99
14) Allyl chloride	4.840	41	879548	44.083	ug/l	94
15) Acrylonitrile	5.556	53	1721259	231.049	ug/l	99
16) Acetone	4.288	43	1625237	186.584	ug/l	97
17) Carbon Disulfide	4.529	76	764864	35.856	ug/l	99
18) Methyl Acetate	4.854	43	1237771	43.714	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1783753	46.705	ug/l	97
20) Methylene Chloride	5.092	84	530705	42.966	ug/l	90
21) trans-1,2-Dichloroethene	5.594	96	446771	44.324	ug/l	89
22) Diisopropyl ether	6.498	45	2042817	47.531	ug/l	94
23) Vinyl Acetate	6.433	43	7870626	236.772	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1000213	45.691	ug/l	99
25) 2-Butanone	7.337	43	2550460	216.238	ug/l	92
26) 2,2-Dichloropropane	7.327	77	729183	42.573	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	577486	46.217	ug/l	90
28) Bromochloromethane	7.656	49	565280	50.424	ug/l #	81
29) Tetrahydrofuran	7.686	42	1659923	229.331	ug/l	90
30) Chloroform	7.817	83	1045667	46.593	ug/l	99
31) Cyclohexane	8.094	56	884592	40.107	ug/l	92
32) 1,1,1-Trichloroethane	8.013	97	862994	46.069	ug/l	95
36) 1,1-Dichloropropene	8.222	75	706459	45.498	ug/l	97
37) Ethyl Acetate	7.412	43	996097	47.457	ug/l	97
38) Carbon Tetrachloride	8.206	117	701979	46.828	ug/l	97
39) Methylcyclohexane	9.459	83	845040	43.749	ug/l	91
40) Benzene	8.458	78	2225586	46.437	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	501907	46.278	ug/l	92
42) 1,2-Dichloroethane	8.528	62	893728	47.624	ug/l	97
43) Isopropyl Acetate	8.560	43	1592574	47.238	ug/l	95
44) Trichloroethene	9.217	130	541380	47.198	ug/l	94
45) 1,2-Dichloropropane	9.491	63	622423	48.608	ug/l	99
46) Dibromomethane	9.577	93	400397	46.684	ug/l	93
47) Bromodichloromethane	9.762	83	786710	49.155	ug/l	99
48) Methyl methacrylate	9.561	41	735904	46.395	ug/l	91
49) 1,4-Dioxane	9.569	88	253615	814.364	ug/l #	90
51) 4-Methyl-2-Pentanone	10.330	43	5338267	245.310	ug/l	96
52) Toluene	10.505	92	1407581	47.143	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	809072	41.584	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	891184	43.220	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	593702	49.328	ug/l	98
56) Ethyl methacrylate	10.762	69	976980	43.357	ug/l	87
57) 1,3-Dichloropropane	11.044	76	1027597	48.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1146501	201.446	ug/l	93
59) 2-Hexanone	11.084	43	3812731	208.858	ug/l	93
60) Dibromochloromethane	11.237	129	563911	43.041	ug/l	100
61) 1,2-Dibromoethane	11.344	107	601189	44.863	ug/l	98
64) Tetrachloroethene	10.977	164	482434	47.059	ug/l	95
65) Chlorobenzene	11.771	112	1525298	48.265	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	563729	51.429	ug/l	99
67) Ethyl Benzene	11.843	91	2816008	48.315	ug/l	97
68) m/p-Xylenes	11.953	106	2059808	96.089	ug/l	93
69) o-Xylene	12.280	106	1045556	48.925	ug/l	92
70) Styrene	12.294	104	1735718	45.381	ug/l	96
71) Bromoform	12.460	173	397547	42.333	ug/l #	100
73) Isopropylbenzene	12.578	105	2803433	46.206	ug/l	99
74) N-amyl acetate	12.387	43	1232489	47.934	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	947211	46.289	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	862710m	49.058	ug/l	
77) Bromobenzene	12.859	156	650978	46.915	ug/l	81
78) n-propylbenzene	12.921	91	3166023	46.375	ug/l	96
79) 2-Chlorotoluene	13.007	91	1930015	45.659	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	2285036	46.587	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	228433	39.978	ug/l	90
82) 4-Chlorotoluene	13.106	91	1865995	46.308	ug/l	93
83) tert-Butylbenzene	13.323	119	2072271	48.213	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2258415	47.695	ug/l	98
85) sec-Butylbenzene	13.500	105	2837027	47.251	ug/l	98
86) p-Isopropyltoluene	13.616	119	2274468	47.719	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1117122	46.437	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1075153	45.557	ug/l	97
89) n-Butylbenzene	13.943	91	1813075	45.615	ug/l	98
90) Hexachloroethane	14.211	117	376032	43.227	ug/l	85
91) 1,2-Dichlorobenzene	13.989	146	1112414	48.595	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	162986	43.098	ug/l	81
93) 1,2,4-Trichlorobenzene	15.262	180	474194	40.186	ug/l	98
94) Hexachlorobutadiene	15.370	225	280062	47.085	ug/l	99
95) Naphthalene	15.507	128	1272681	38.725	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	469096	41.476	ug/l	99

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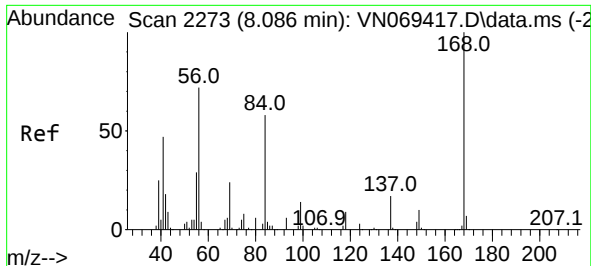
Manual Integrations
APPROVED

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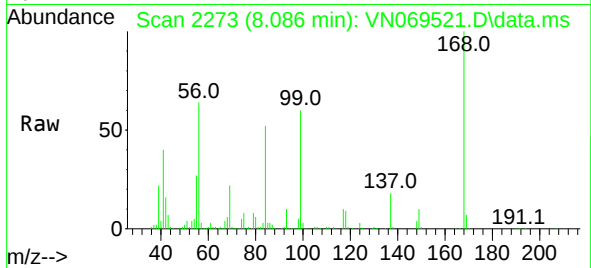
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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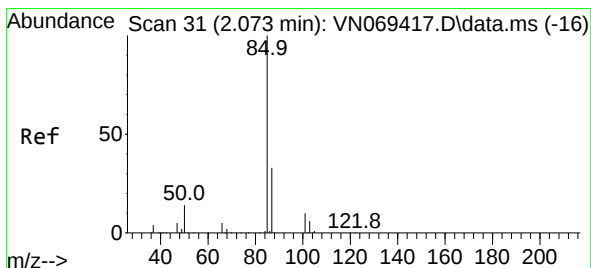
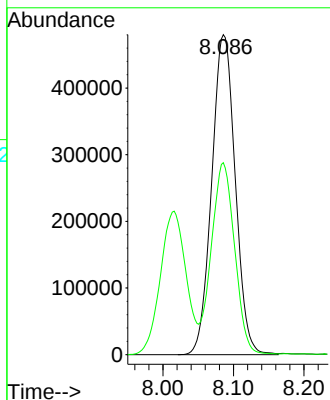
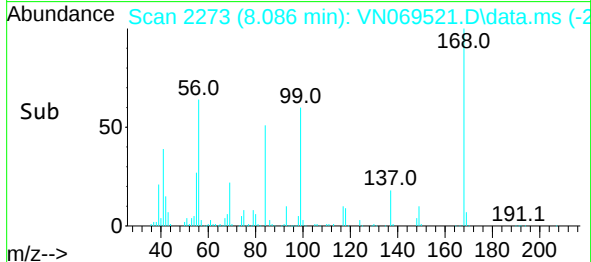
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 111343
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

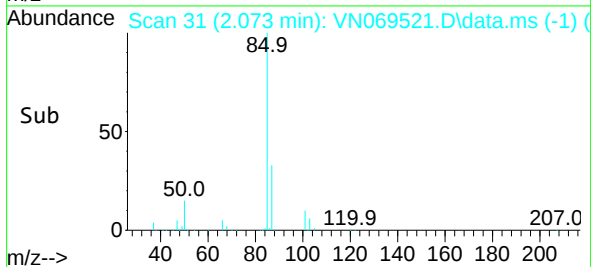
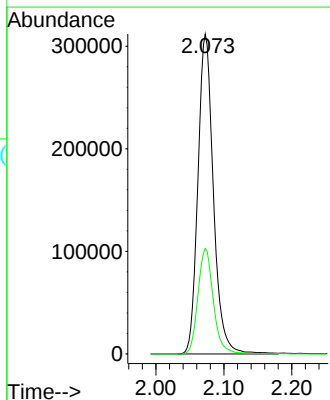
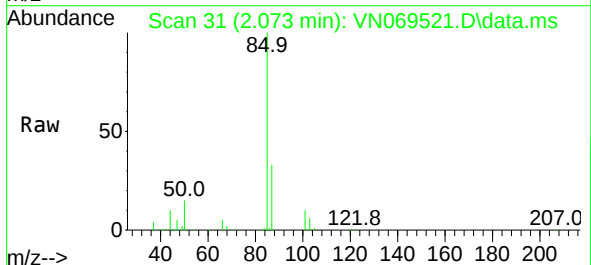
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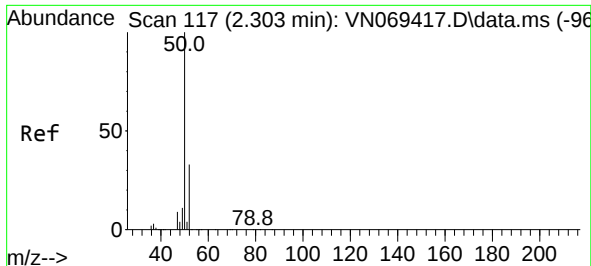
Reviewed By :John Carlone 11/17/2021
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#2
Dichlorodifluoromethane
Concen: 41.505 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 85 Resp: 493722
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.9





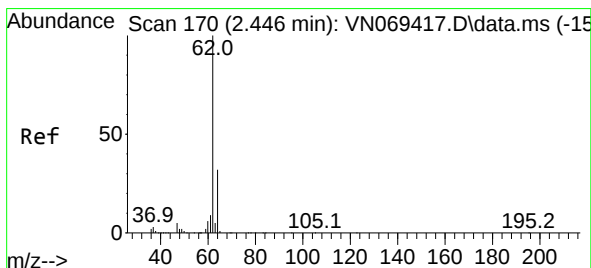
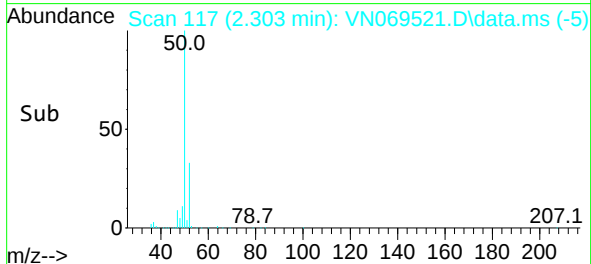
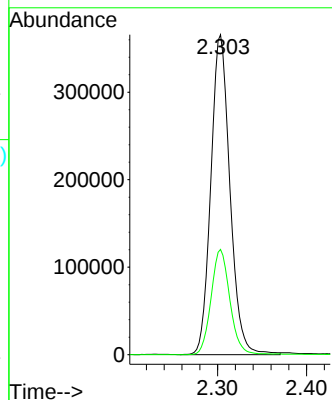
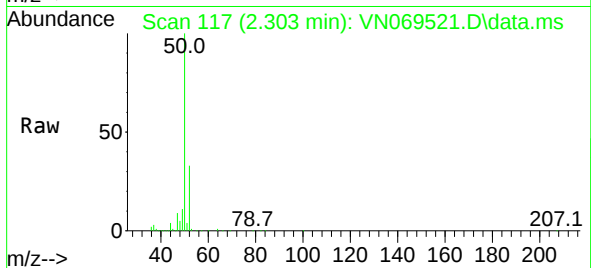
#3
Chloromethane
Concen: 39.516 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069521.D
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Tgt Ion: 50 Resp: 545134
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

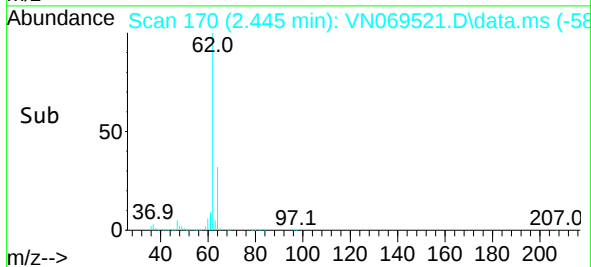
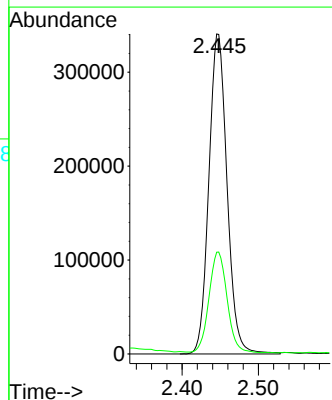
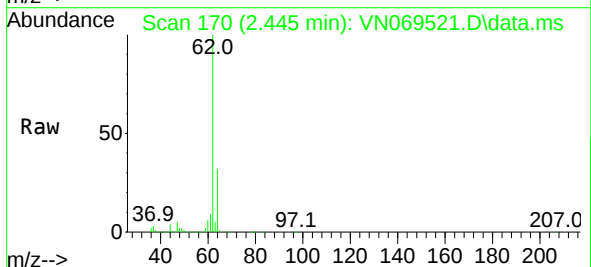
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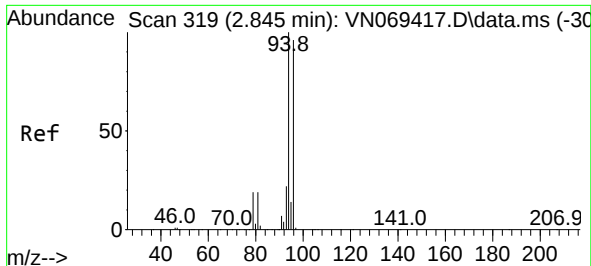
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#4
Vinyl Chloride
Concen: 40.812 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

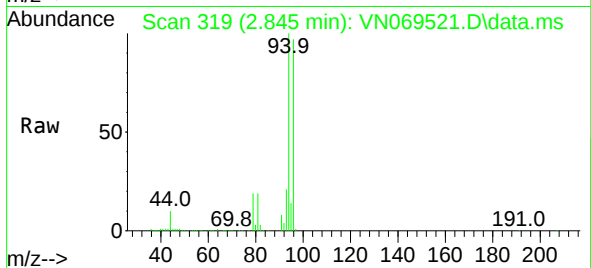
Tgt Ion: 62 Resp: 563739
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 36.315 ug/l
RT: 2.845 min Scan# 319
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

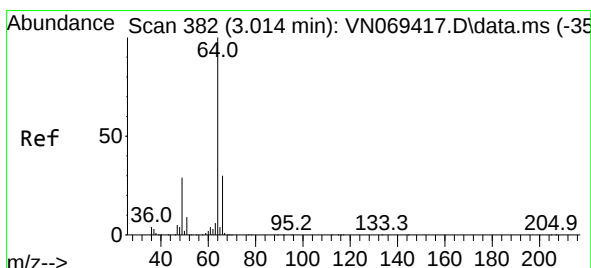
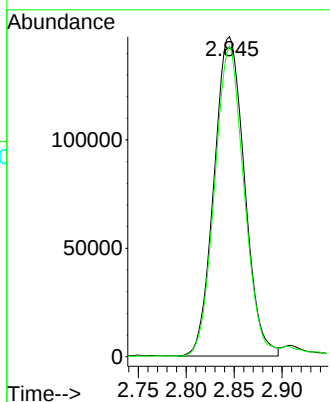
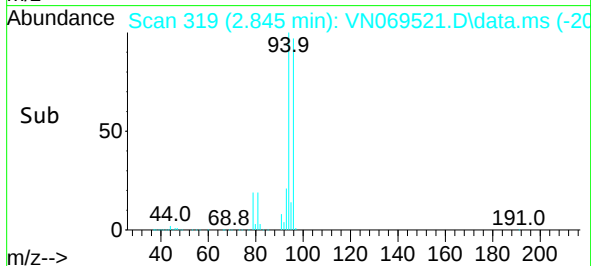
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Tgt Ion: 94 Resp: 325780
Ion Ratio Lower Upper
94 100
96 97.0 73.8 110.8

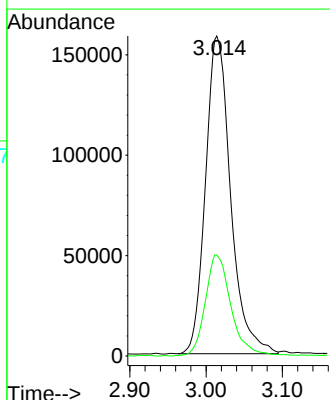
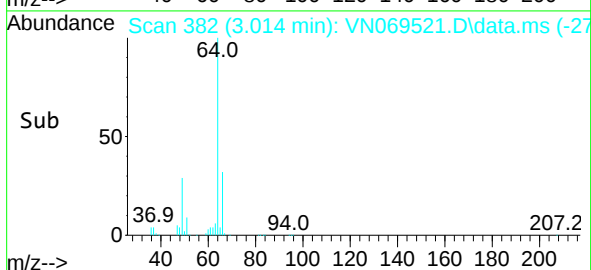
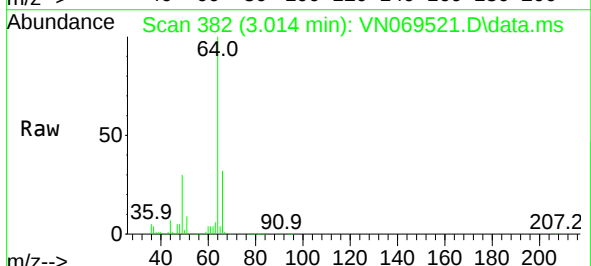
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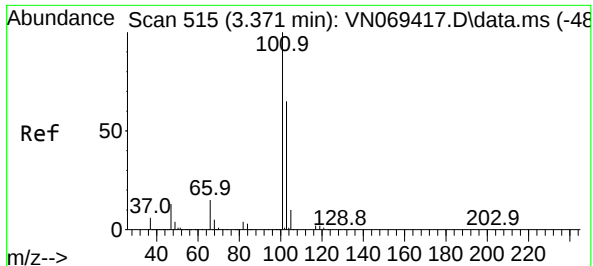
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#6
Chloroethane
Concen: 38.871 ug/l
RT: 3.014 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN069521.D
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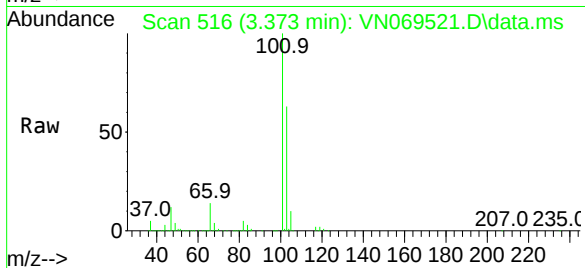
Tgt Ion: 64 Resp: 362418
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7
Trichlorofluoromethane
Concen: 39.574 ug/l
RT: 3.373 min Scan# 515
Delta R.T. 0.002 min
Lab File: VN069521.D
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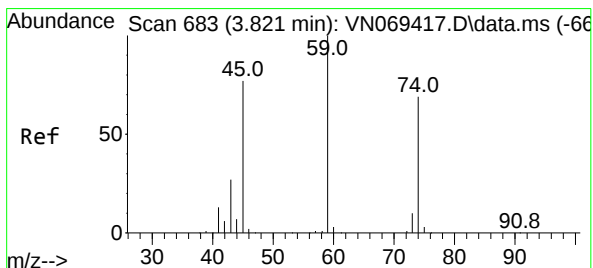
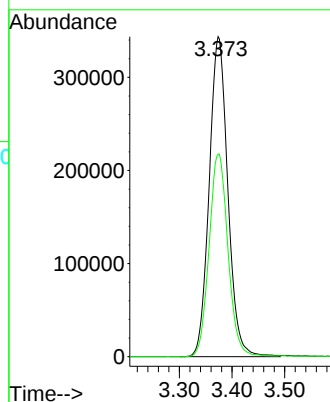
Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 844836
Ion Ratio Lower Upper
101 100
103 63.4 50.1 75.1

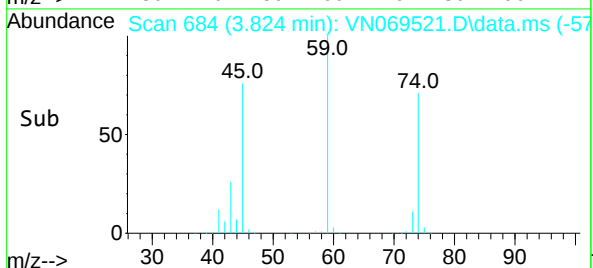
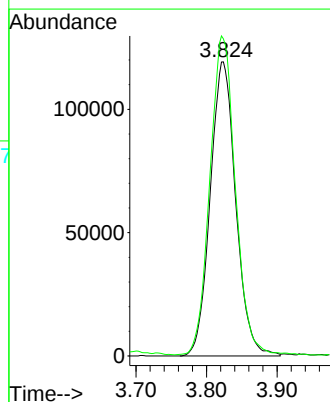
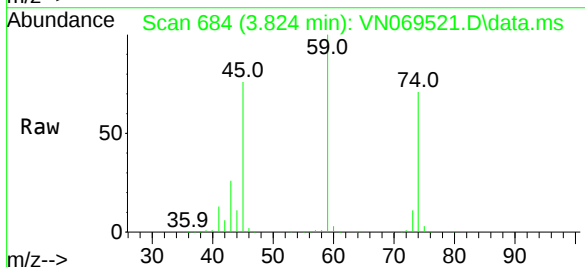
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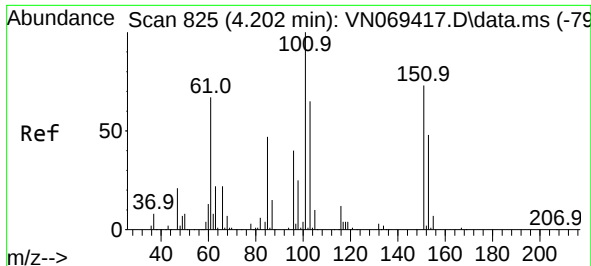
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#8
Diethyl Ether
Concen: 43.396 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 299740
Ion Ratio Lower Upper
74 100
45 107.9 47.0 141.2





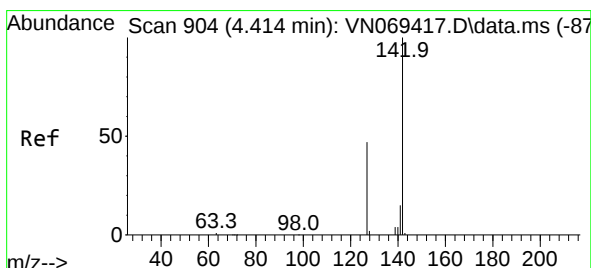
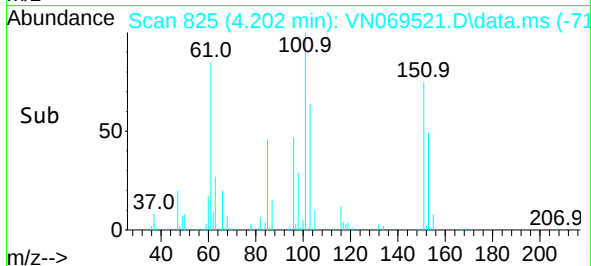
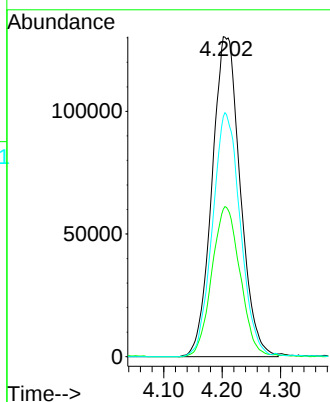
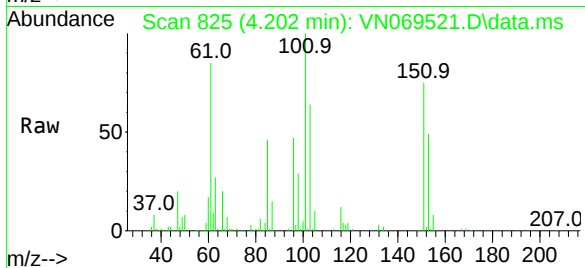
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.550 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 437952
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 75.1 65.9 98.9

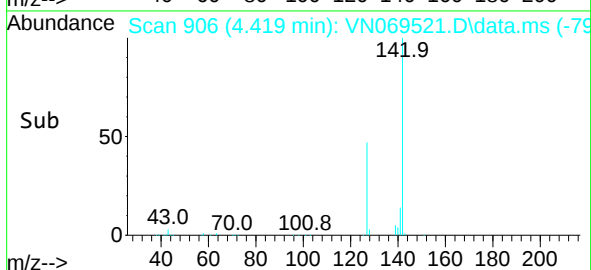
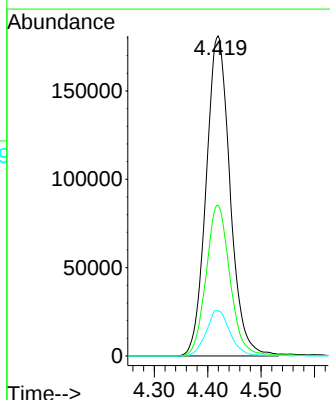
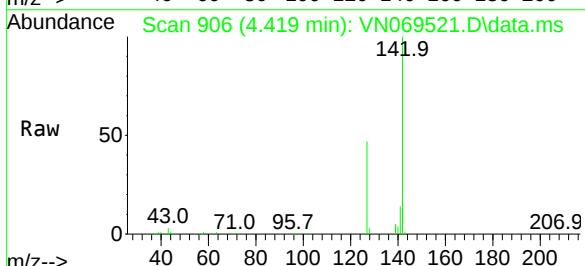
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 45.709 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

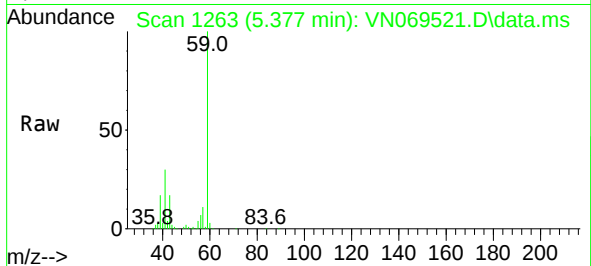
Tgt Ion:142 Resp: 563790
Ion Ratio Lower Upper
142 100
127 46.9 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 202.803 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

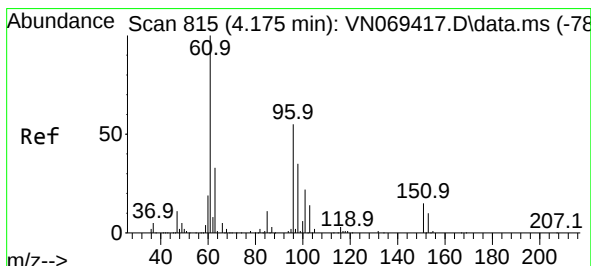
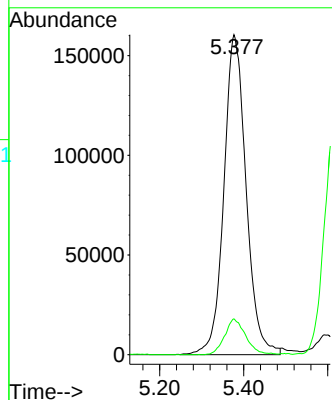
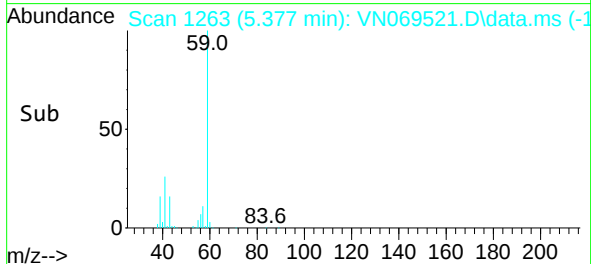
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



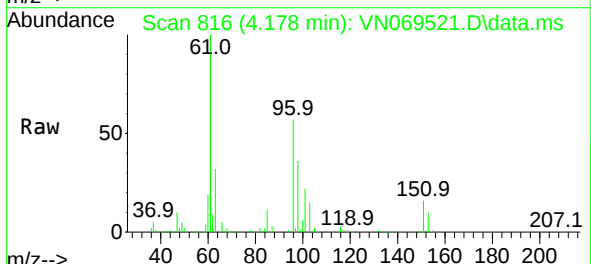
Tgt Ion: 59 Resp: 589978
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
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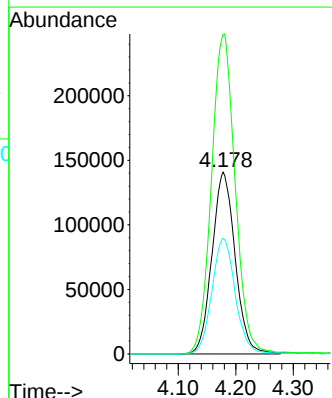
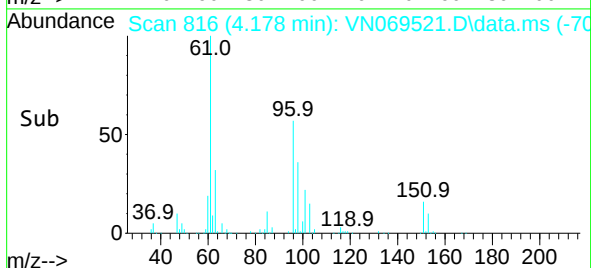
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 43.745 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



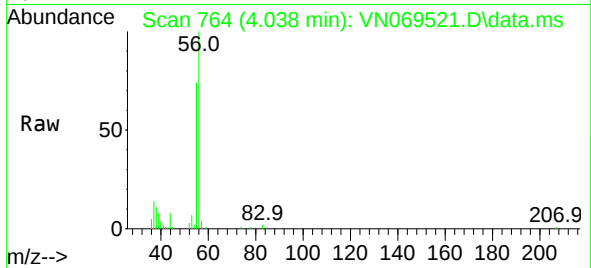
Tgt Ion: 96 Resp: 394772
Ion Ratio Lower Upper
96 100
61 176.0 131.0 196.6
98 63.7 52.4 78.6





#13
Acrolein
Concen: 214.056 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

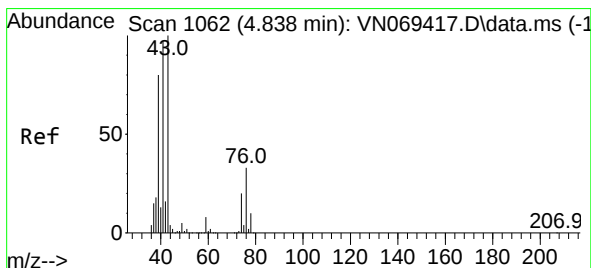
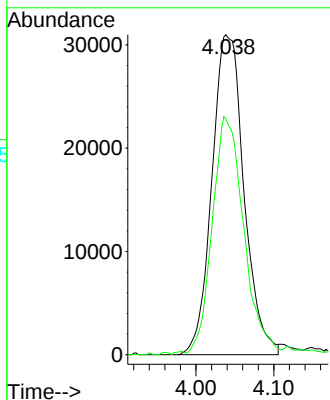
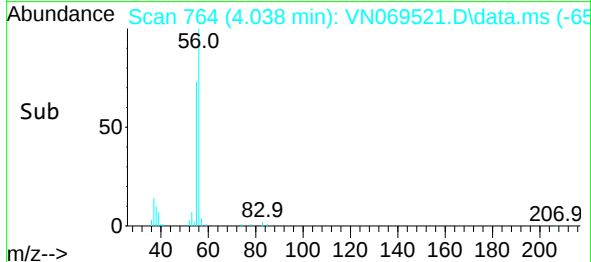
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



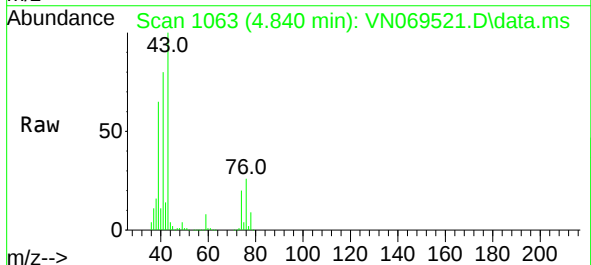
Tgt Ion: 56 Resp: 8857
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

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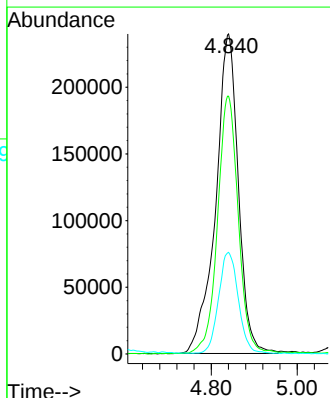
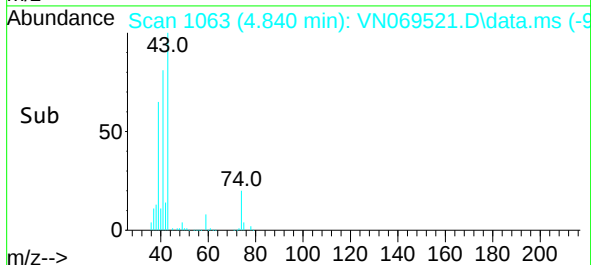
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

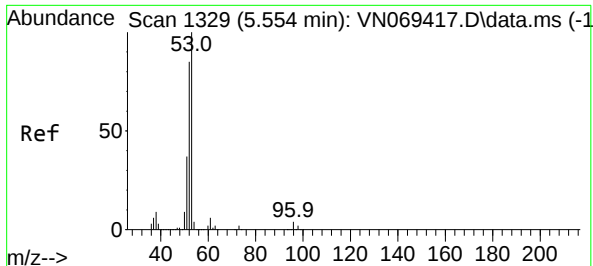


#14
Allyl chloride
Concen: 44.083 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



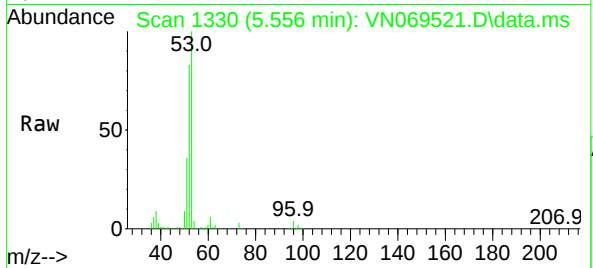
Tgt Ion: 41 Resp: 879548
Ion Ratio Lower Upper
41 100
39 73.1 61.2 91.8
76 27.3 26.0 39.0





#15
Acrylonitrile
Concen: 231.049 ug/l
RT: 5.556 min Scan# 1329
Delta R.T. 0.002 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

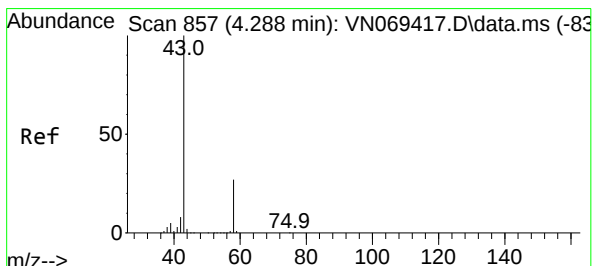
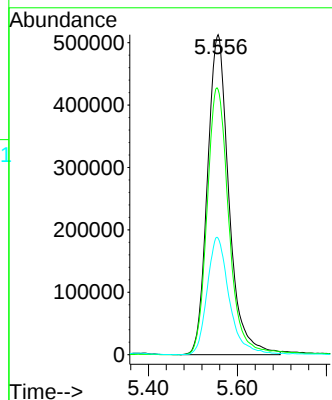
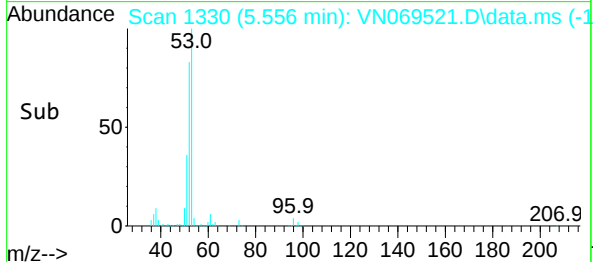
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1721259
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.8 29.6 44.4

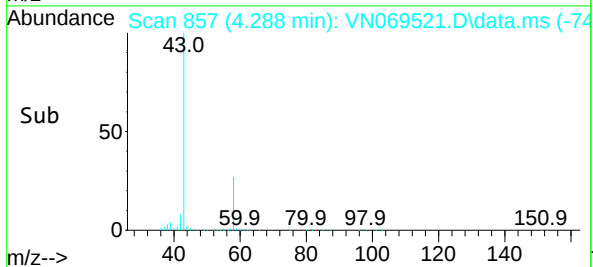
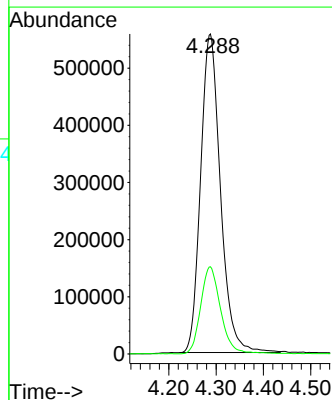
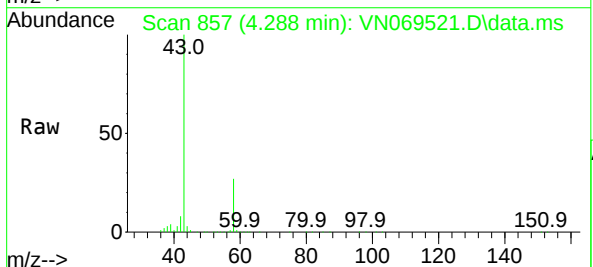
Manual Integrations
APPROVED

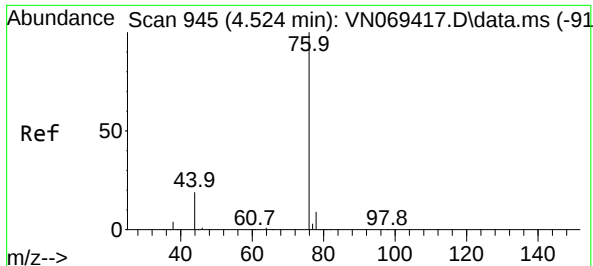
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 186.584 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

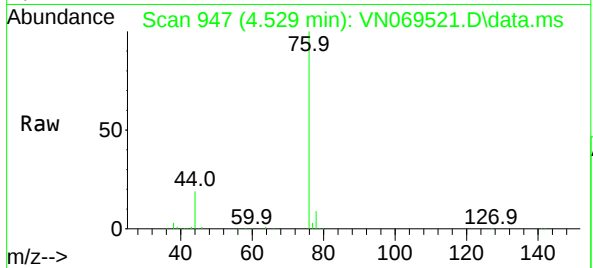
Tgt Ion: 43 Resp: 1625237
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 35.856 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

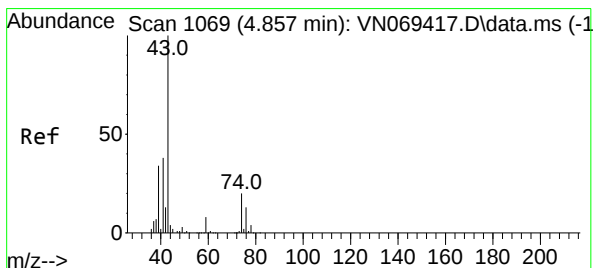
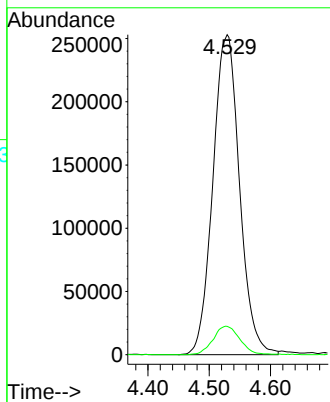
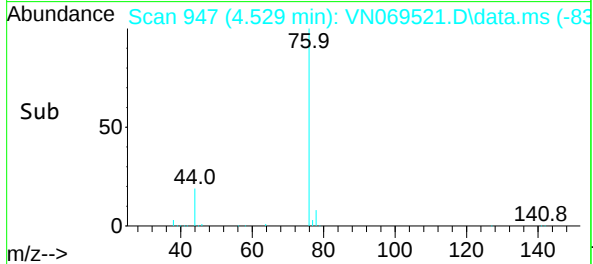
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 764864
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

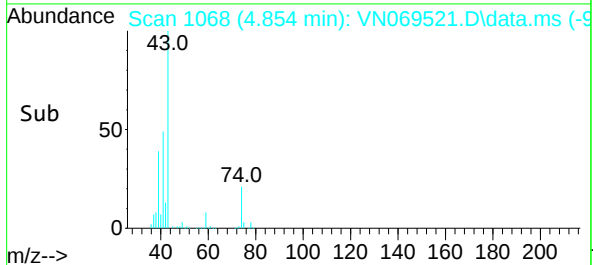
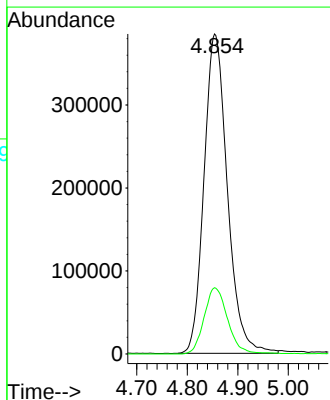
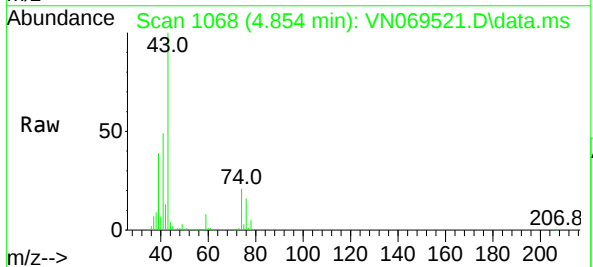
Manual Integrations
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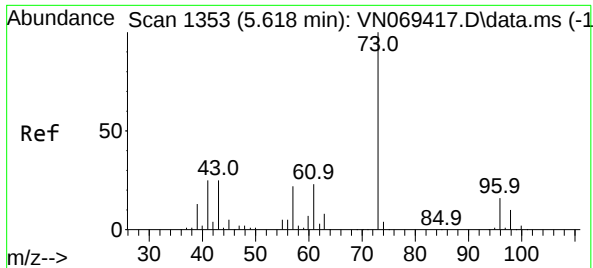
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#18
Methyl Acetate
Concen: 43.714 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 43 Resp: 1237771
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2





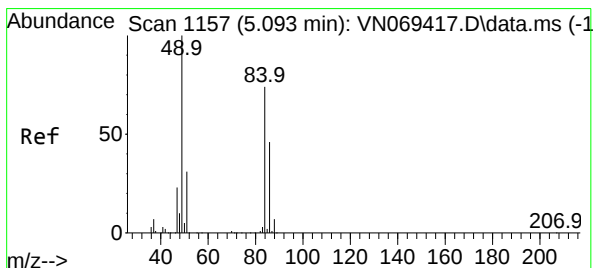
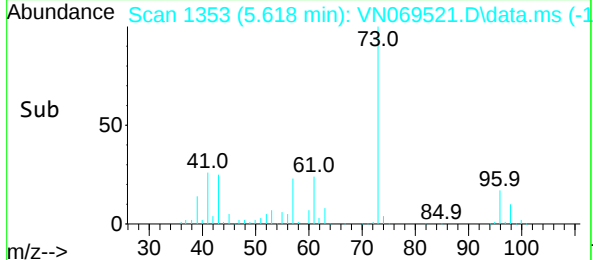
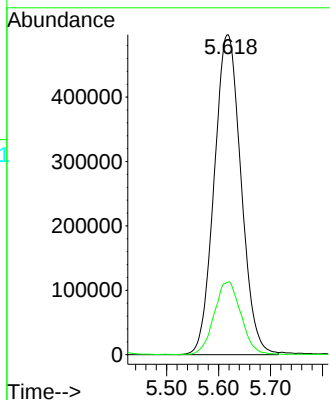
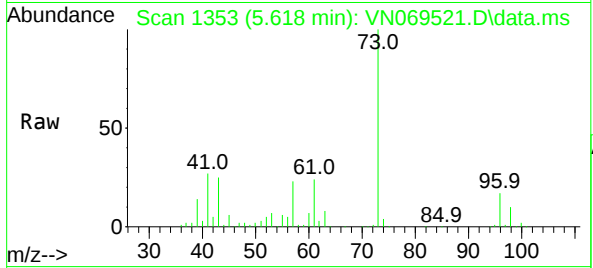
#19
Methyl tert-butyl Ether
Concen: 46.705 ug/l
RT: 5.618 min Scan# 11353
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 178375
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

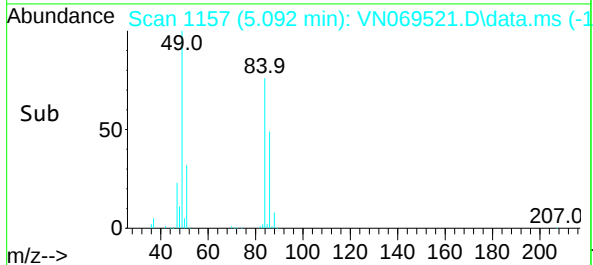
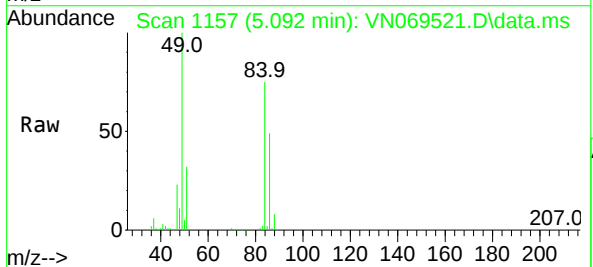
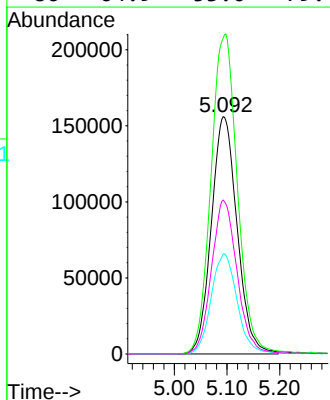
Manual Integrations
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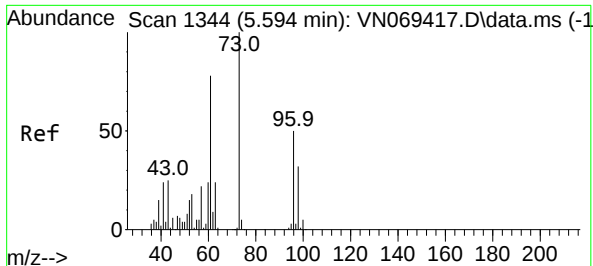
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 42.966 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

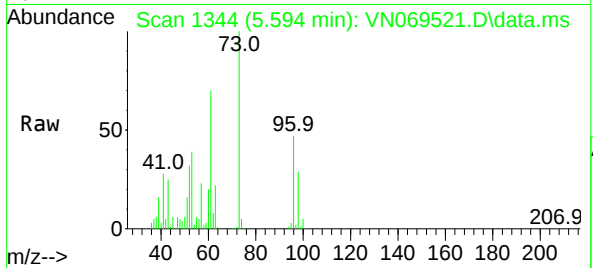
Tgt Ion: 84 Resp: 530705
Ion Ratio Lower Upper
84 100
49 133.1 93.5 140.3
51 41.9 29.4 44.2
86 64.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 44.324 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

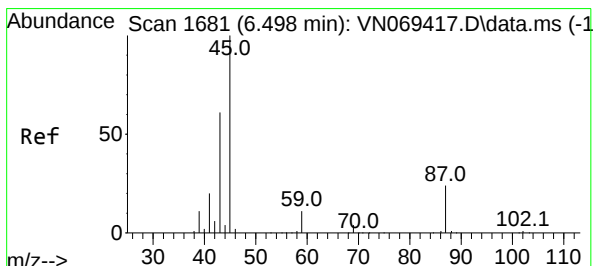
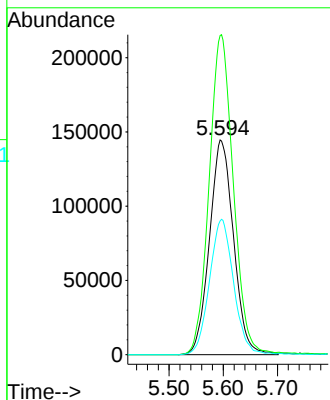
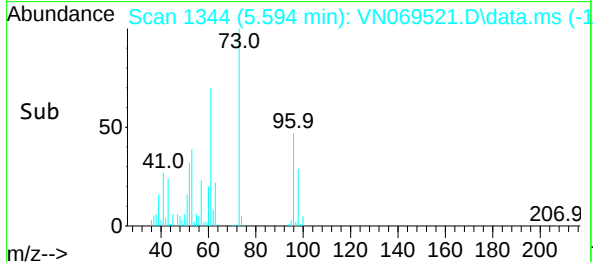
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 44677
Ion Ratio Lower Upper
96 100
61 148.7 105.8 158.6
98 62.3 52.0 78.0

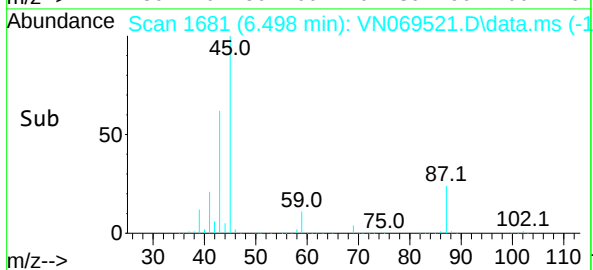
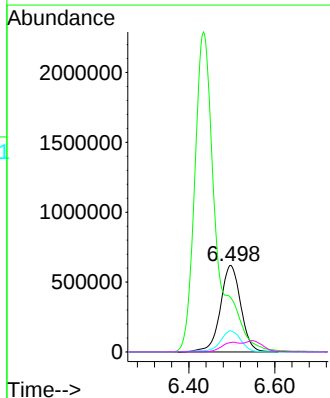
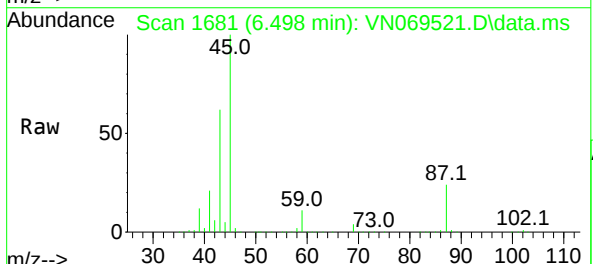
Manual Integrations
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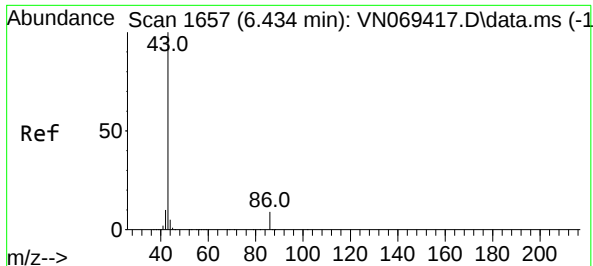
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#22
Diisopropyl ether
Concen: 47.531 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

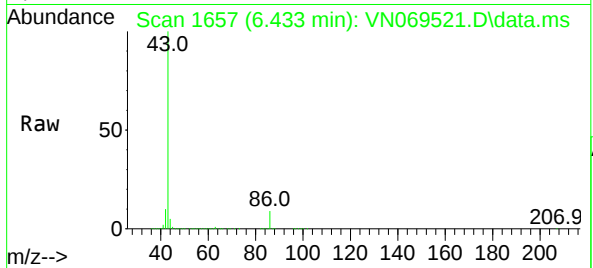
Tgt Ion: 45 Resp: 2042817
Ion Ratio Lower Upper
45 100
43 60.7 51.7 77.5
87 24.2 23.2 34.8
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 236.772 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.001 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

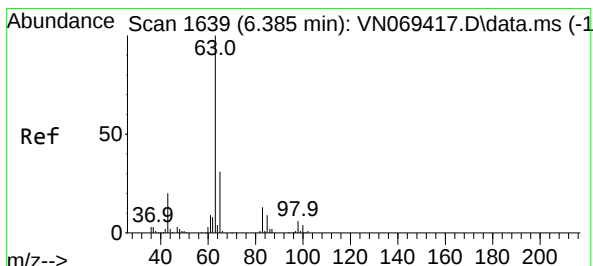
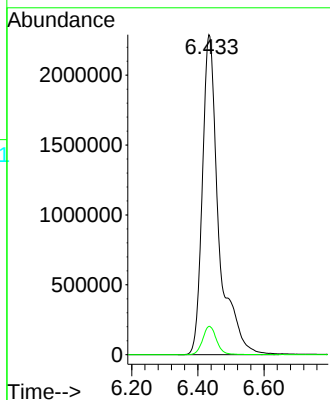
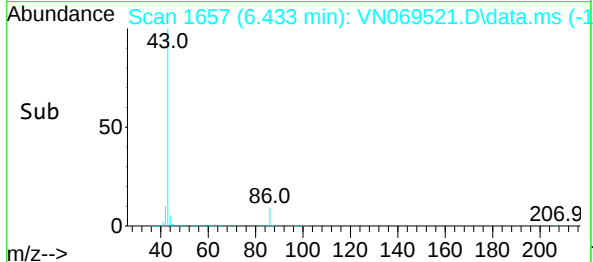
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



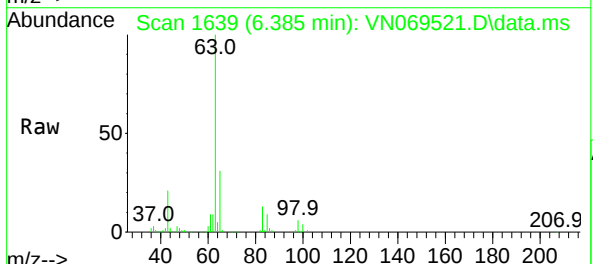
Tgt Ion: 43 Resp: 7870620
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

Manual Integrations
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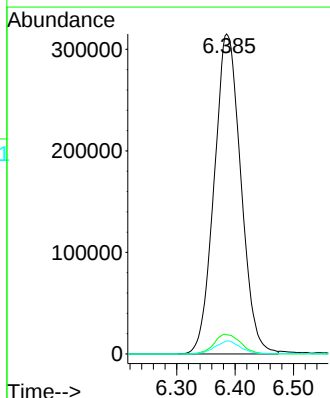
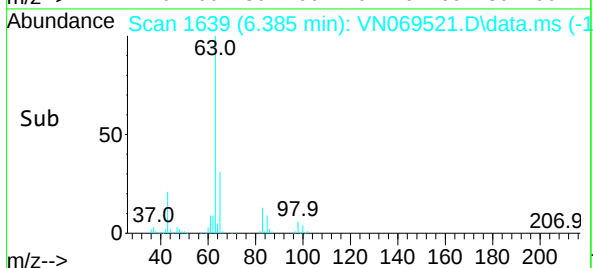
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021

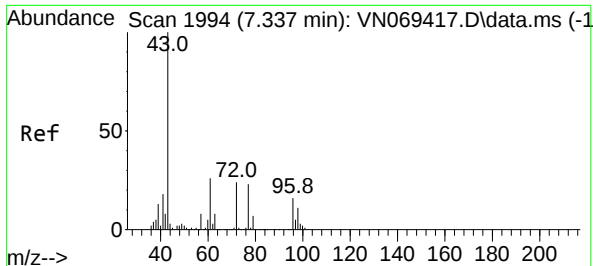


#24
 1,1-Dichloroethane
 Concen: 45.691 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40



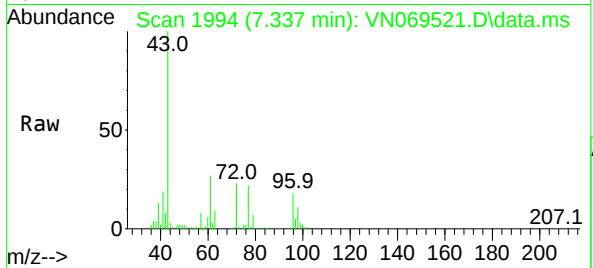
Tgt Ion: 63 Resp: 1000213
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 4.0 2.1 6.5





#25
2-Butanone
Concen: 216.238 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

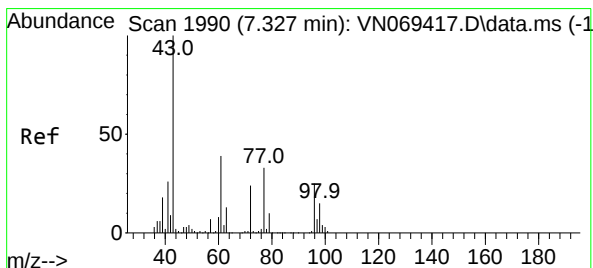
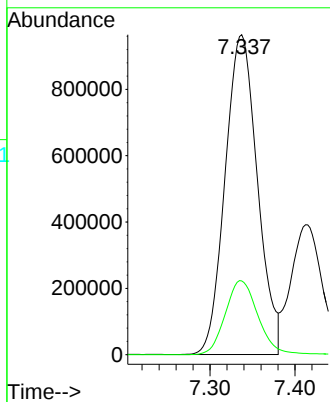
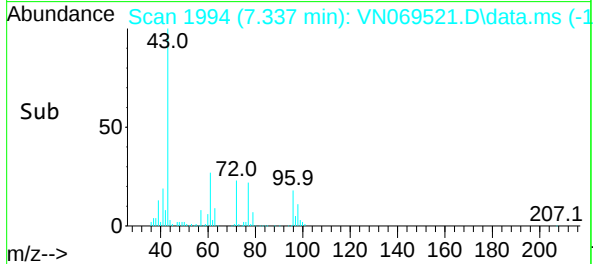
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2550460
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

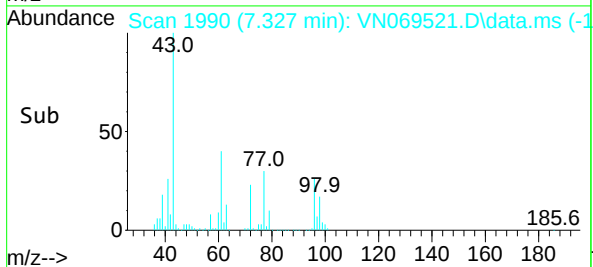
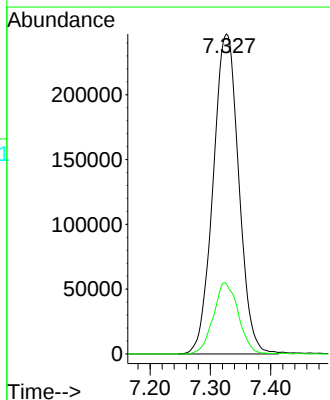
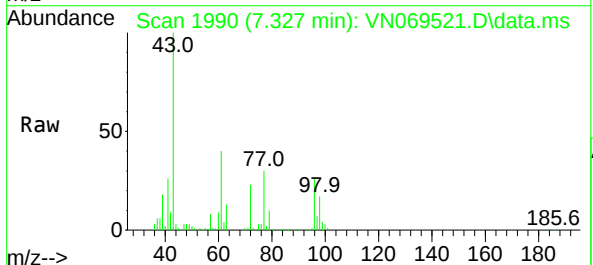
Manual Integrations
APPROVED

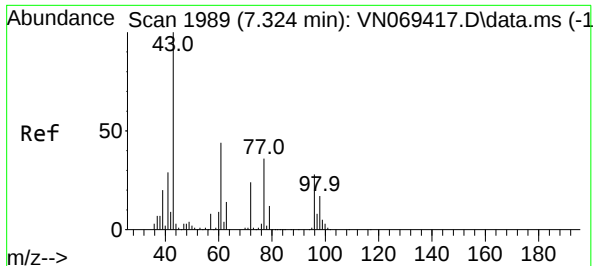
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 42.573 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

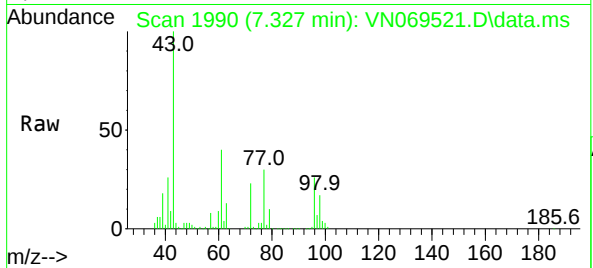
Tgt Ion: 77 Resp: 729183
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 46.217 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

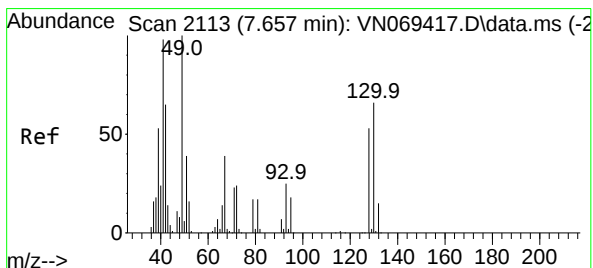
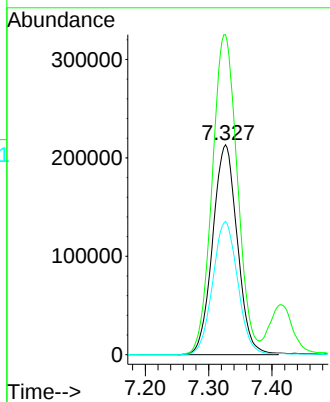
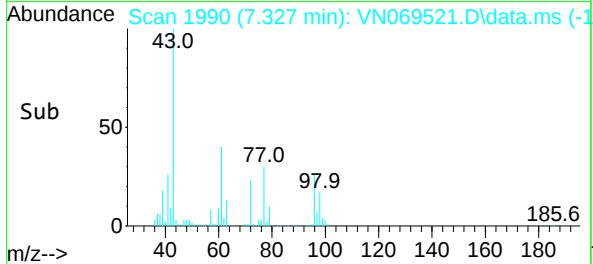
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 577480
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 275.0
 98 64.4 0.0 129.6

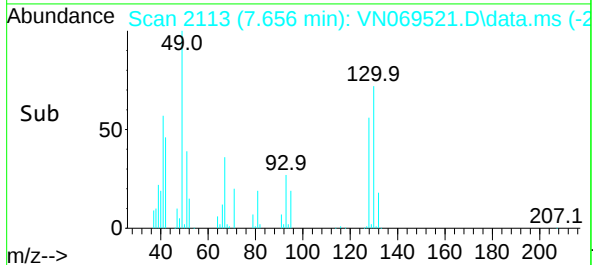
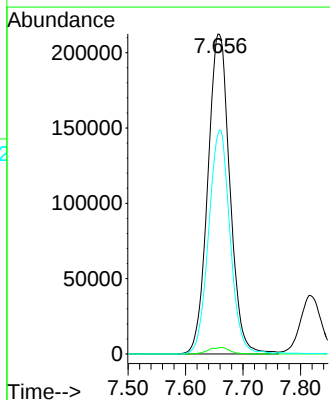
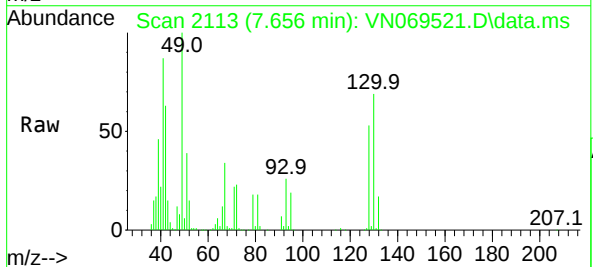
Manual Integrations
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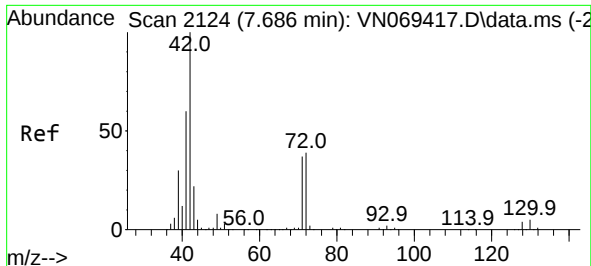
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#28
 Bromochloromethane
 Concen: 50.424 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. -0.001 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

Tgt Ion: 49 Resp: 565280
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.0
 130 67.5 67.8 101.8#





#29

Tetrahydrofuran

Concen: 229.331 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 165992

Ion Ratio Lower Upper

42 100

72 39.1 36.3 54.5

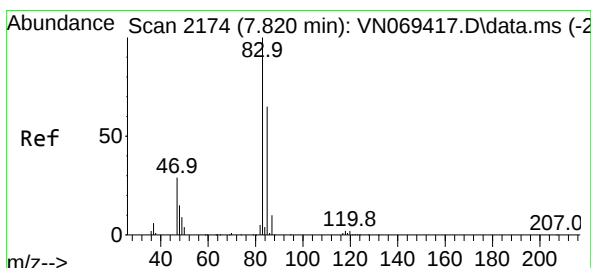
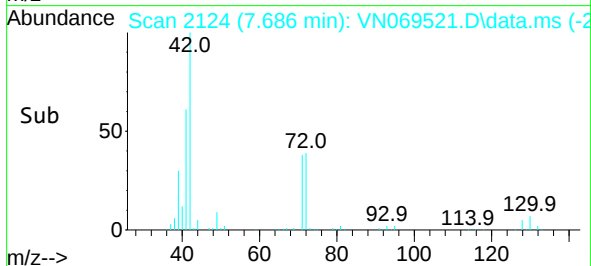
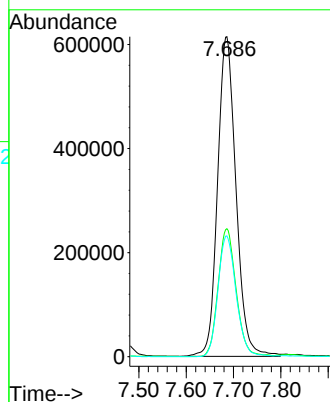
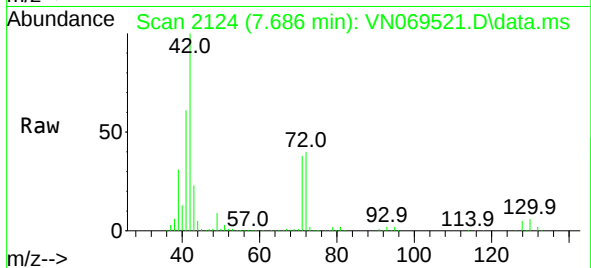
71 37.3 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 46.593 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069521.D

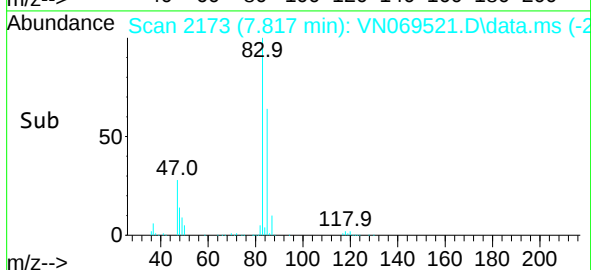
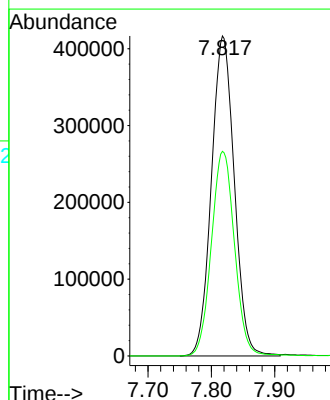
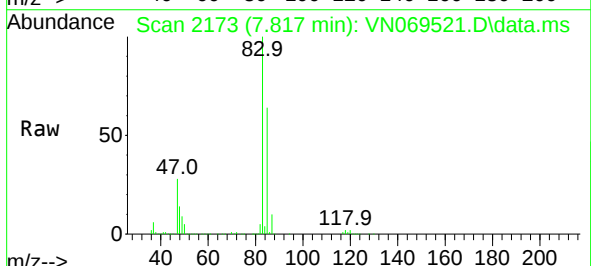
Acq: 16 Nov 2021 20:40

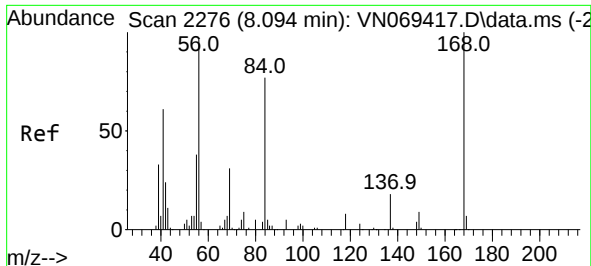
Tgt Ion: 83 Resp: 1045667

Ion Ratio Lower Upper

83 100

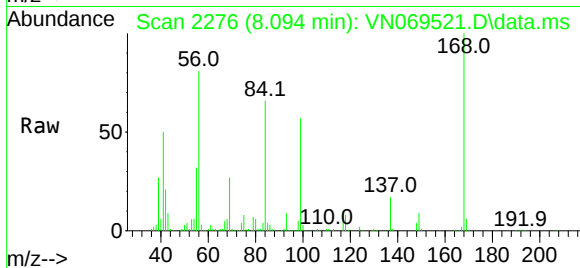
85 63.9 51.9 77.9





#31
Cyclohexane
Concen: 40.107 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

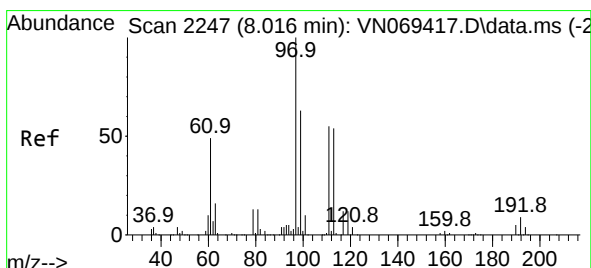
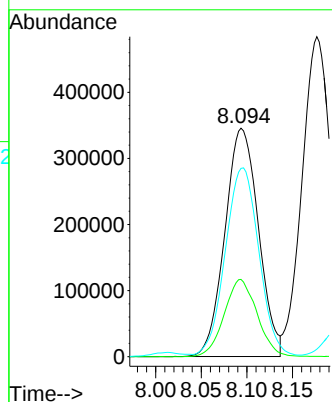
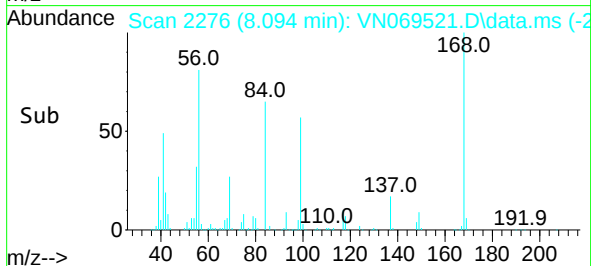
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



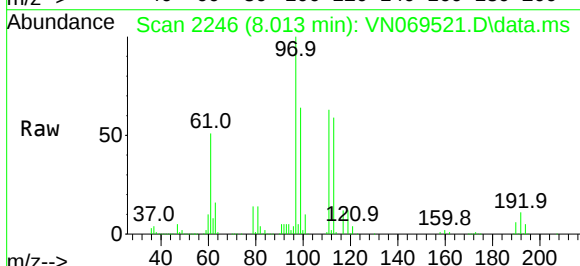
Tgt Ion: 56 Resp: 884592
Ion Ratio Lower Upper
56 100
69 33.8 27.1 40.7
84 81.2 73.4 110.0

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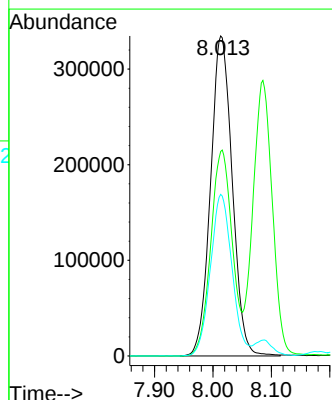
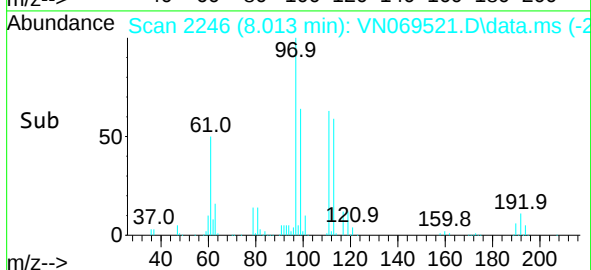
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

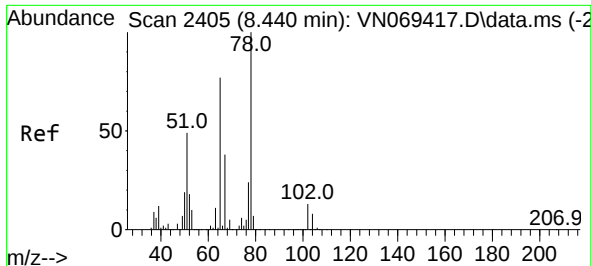


#32
1,1,1-Trichloroethane
Concen: 46.069 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



Tgt Ion: 97 Resp: 862994
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 50.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.897 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 789398

Ion Ratio Lower Upper

65 100

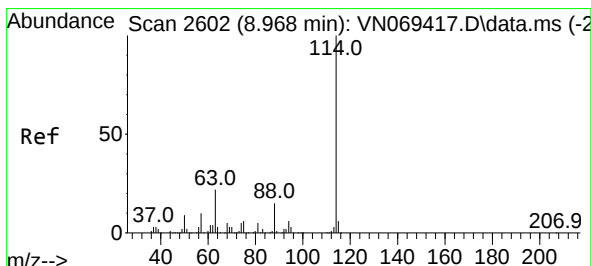
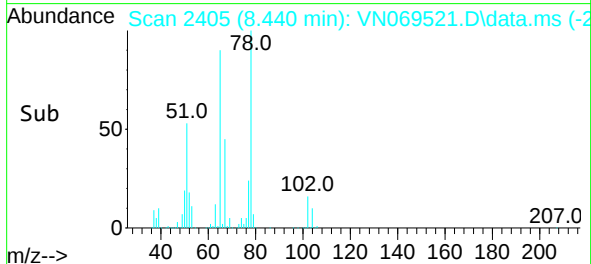
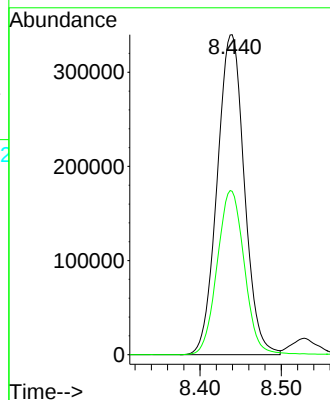
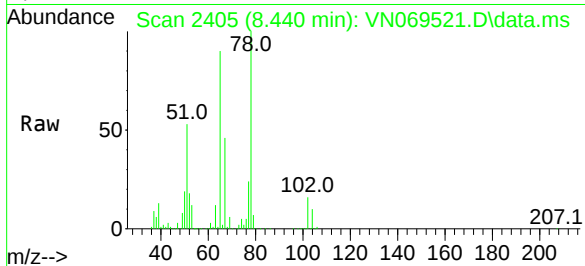
67 51.5 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

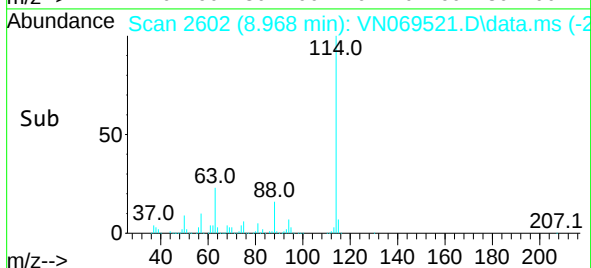
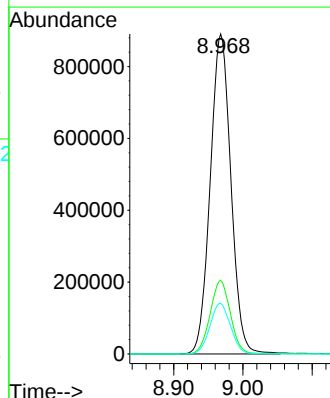
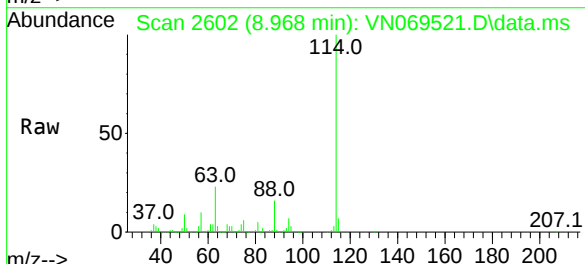
Tgt Ion:114 Resp: 1845326

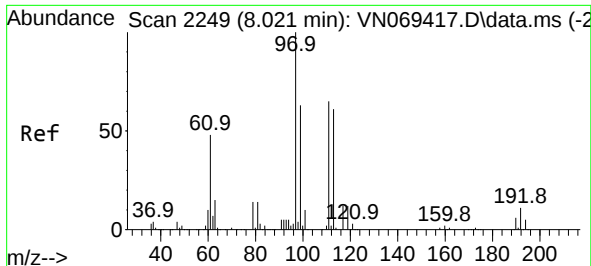
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

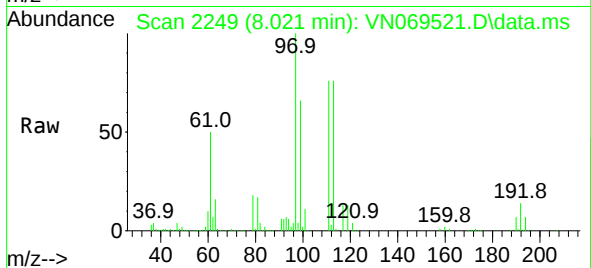
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.705 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

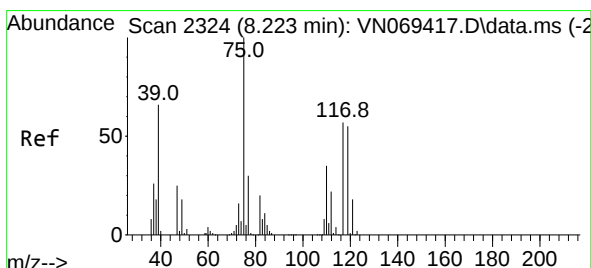
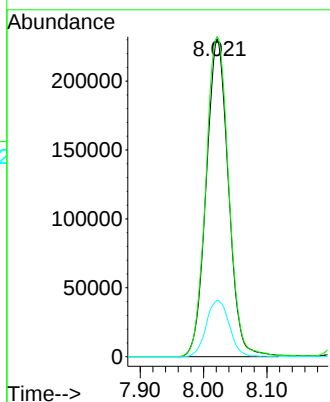
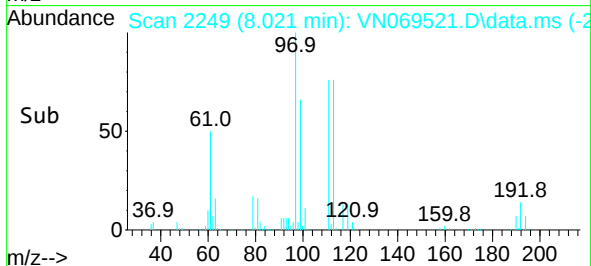
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 56118
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.4 16.9 25.3

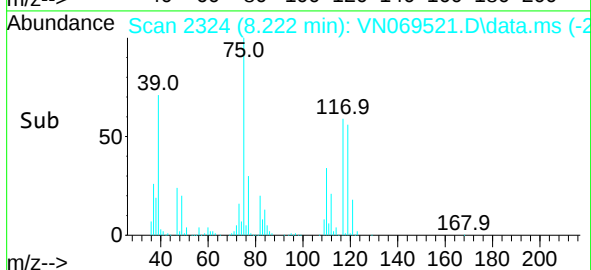
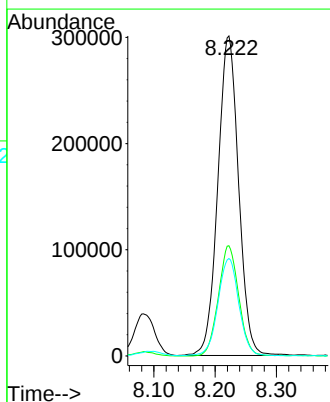
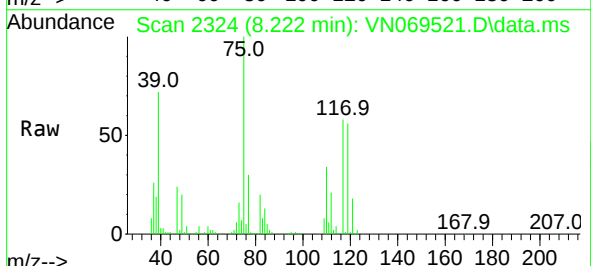
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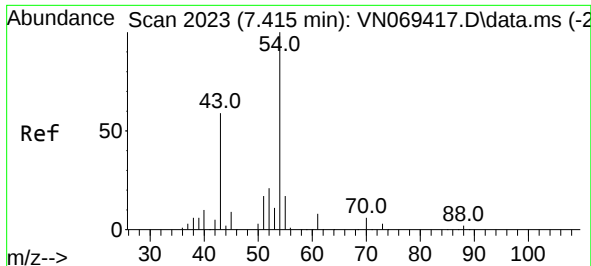
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 45.498 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 75 Resp: 706459
Ion Ratio Lower Upper
75 100
110 33.8 18.4 55.2
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 47.457 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 99609

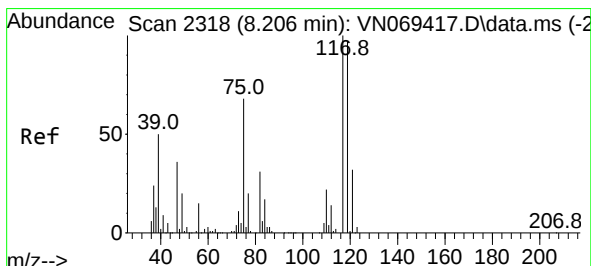
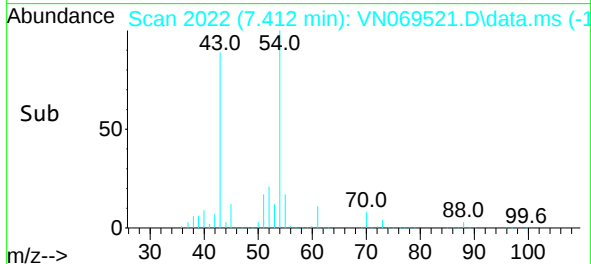
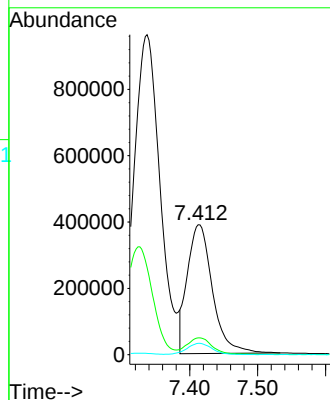
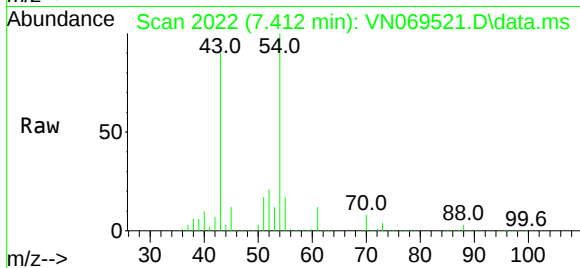
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.5	17.3
70	8.6	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#38

Carbon Tetrachloride

Concen: 46.828 ug/l

RT: 8.206 min Scan# 2318

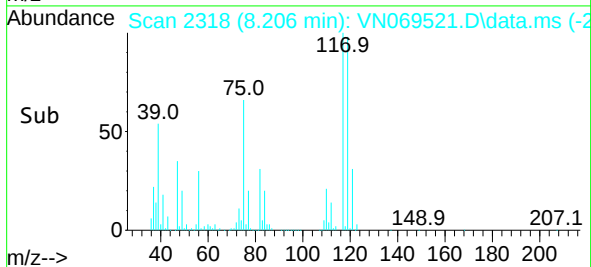
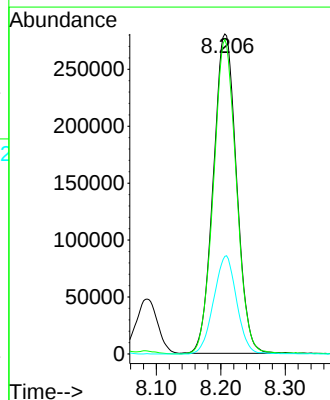
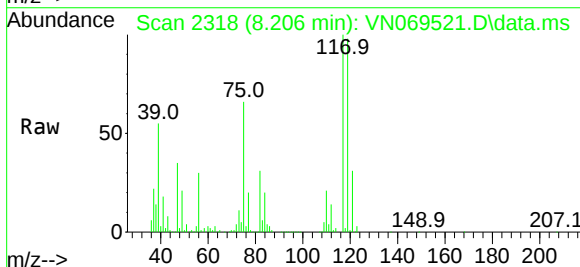
Delta R.T. 0.000 min

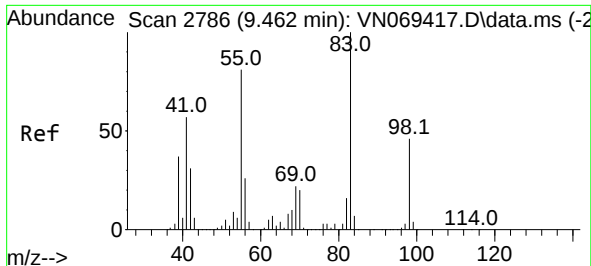
Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Tgt Ion:117 Resp: 701979

Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.1	114.1
121	30.6	24.2	36.2





#39

Methylcyclohexane

Concen: 43.749 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 845040

Ion Ratio Lower Upper

83 100

55 82.0 58.1 87.1

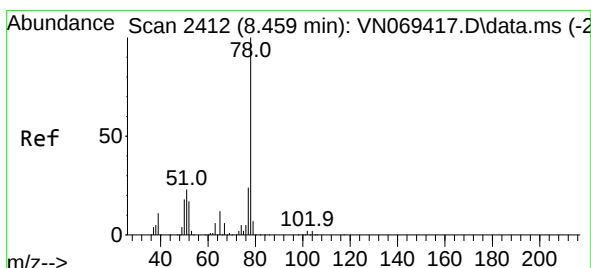
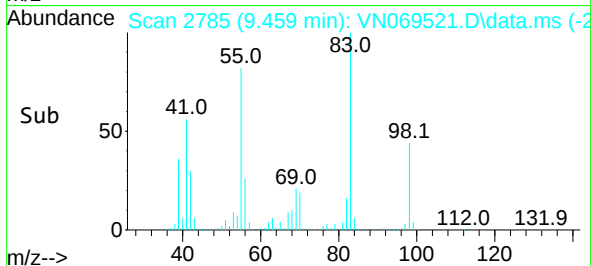
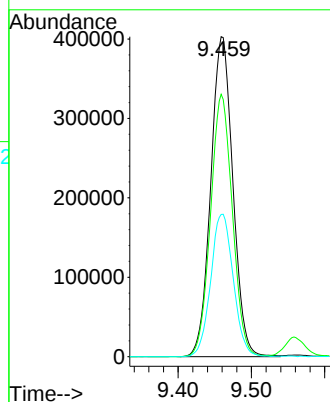
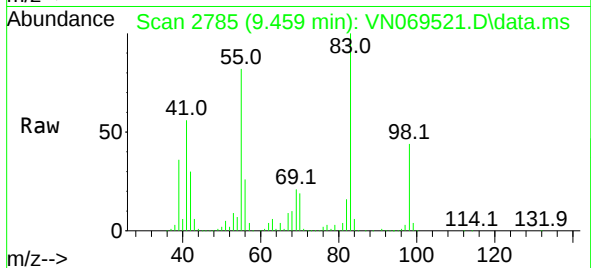
98 44.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 46.437 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.001 min

Lab File: VN069521.D

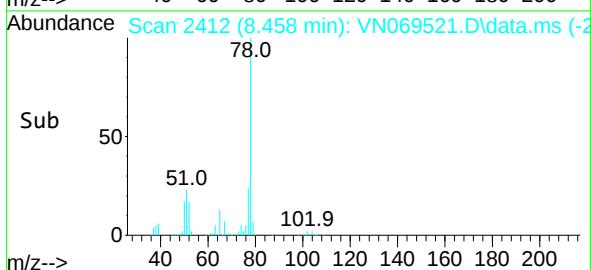
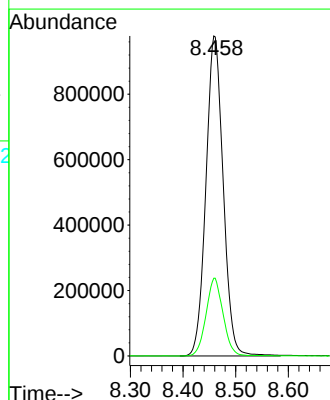
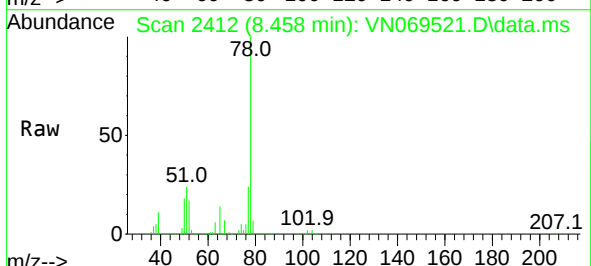
Acq: 16 Nov 2021 20:40

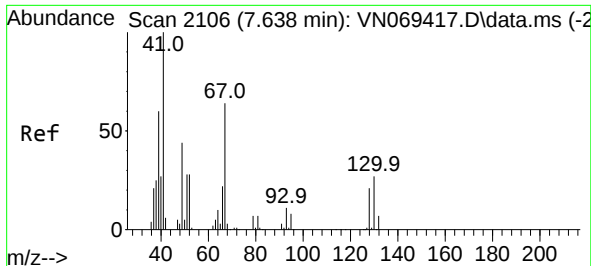
Tgt Ion: 78 Resp: 2225586

Ion Ratio Lower Upper

78 100

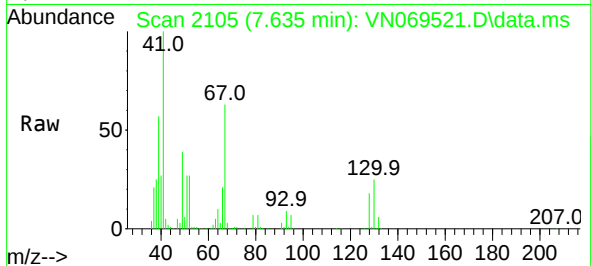
77 24.3 18.6 27.8





#41
Methacrylonitrile
Concen: 46.278 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

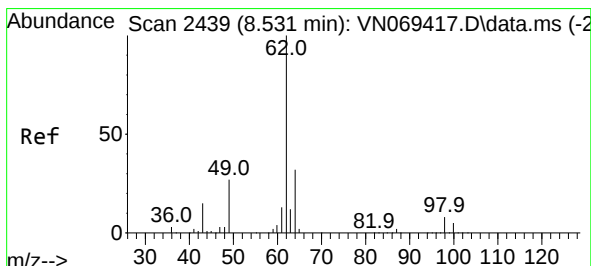
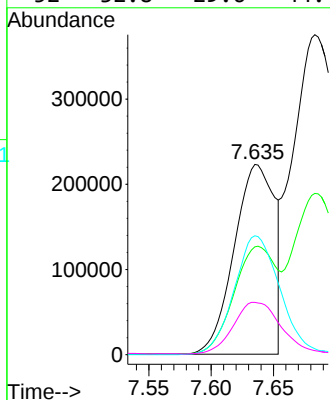
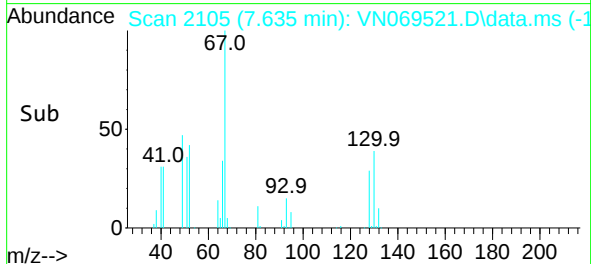
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 50190
Ion Ratio Lower Upper
41 100
39 60.3 48.1 72.1
67 71.8 68.3 102.5
52 32.8 29.6 44.4

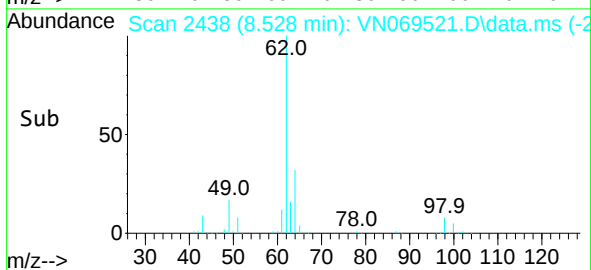
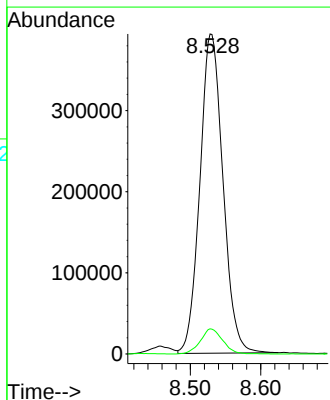
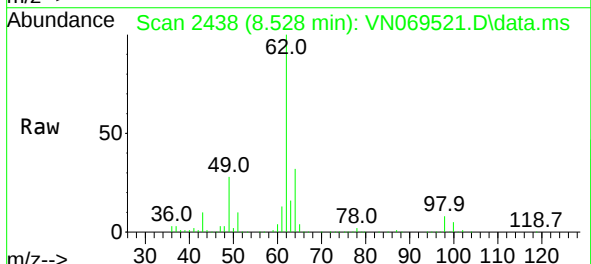
Manual Integrations
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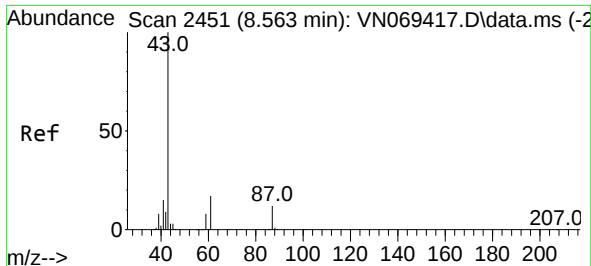
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 47.624 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

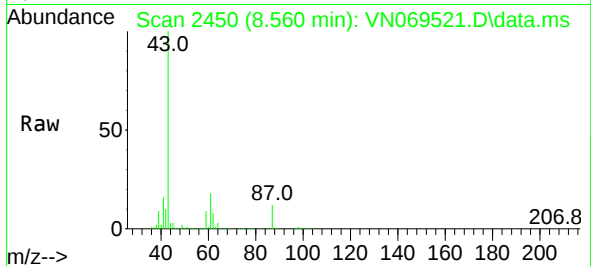
Tgt Ion: 62 Resp: 893728
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 47.238 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

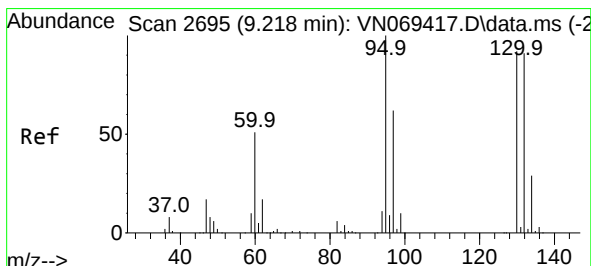
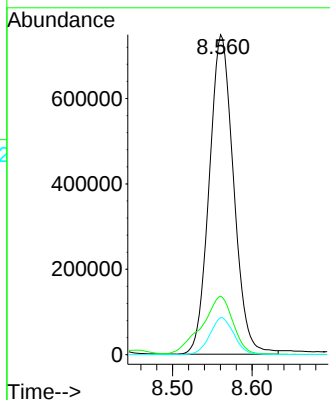
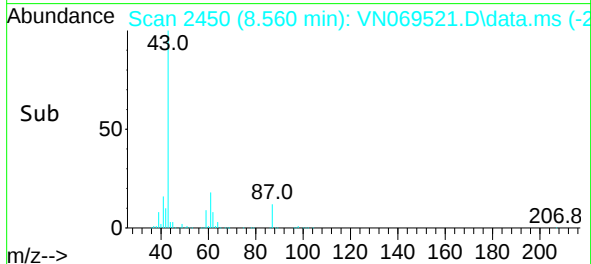
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1592574
Ion Ratio Lower Upper
43 100
61 23.4 20.4 30.6
87 11.6 11.2 16.8

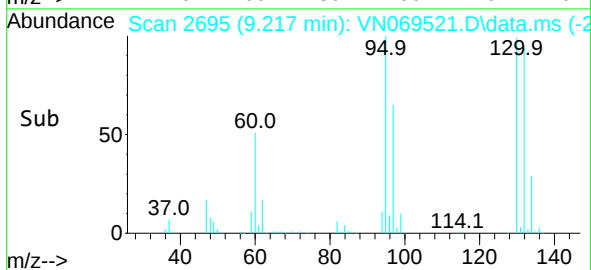
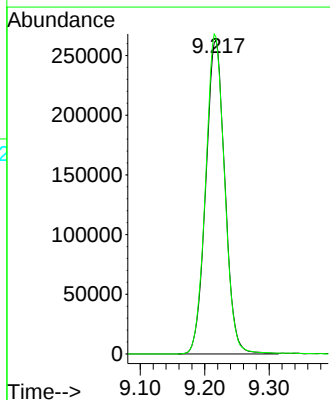
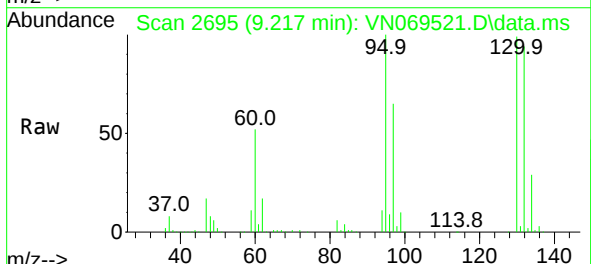
Manual Integrations
APPROVED

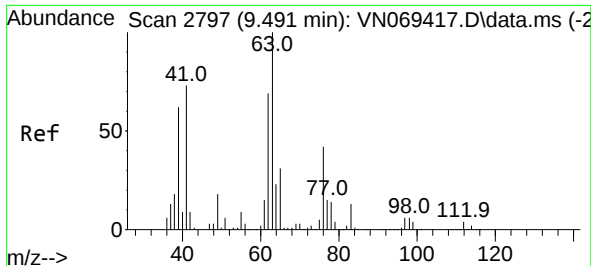
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 47.198 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

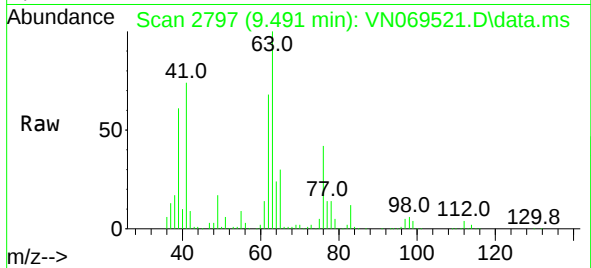
Tgt Ion:130 Resp: 541380
Ion Ratio Lower Upper
130 100
95 101.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 48.608 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

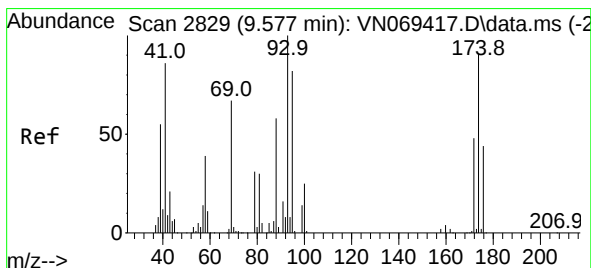
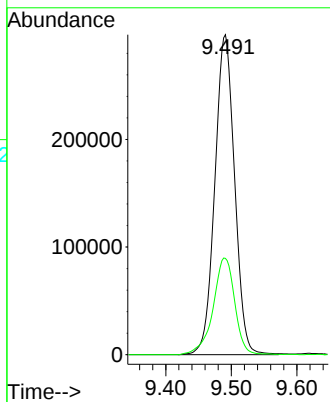
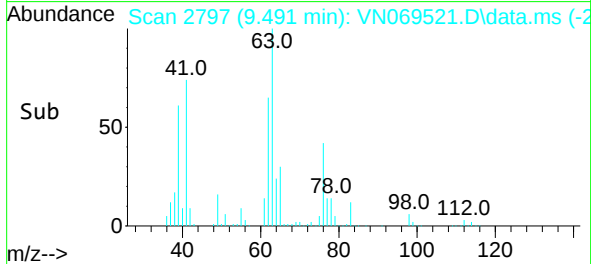
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



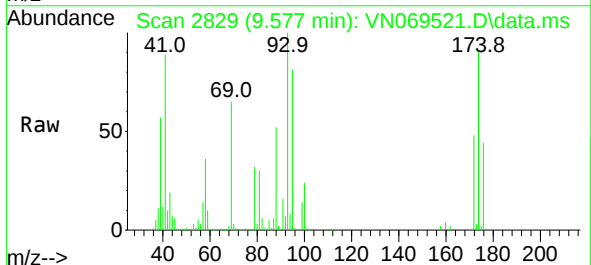
Tgt Ion: 63 Resp: 62242
Ion Ratio Lower Upper
63 100
65 30.1 24.7 37.1

Manual Integrations
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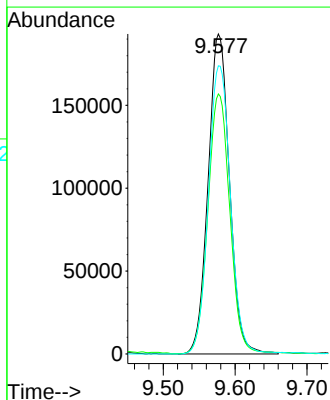
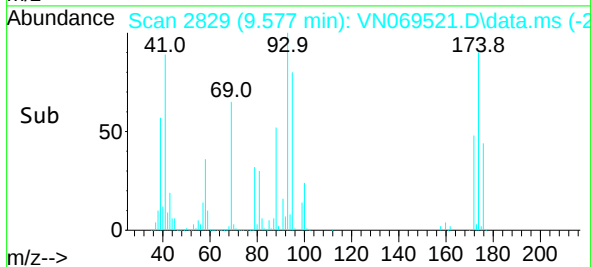
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

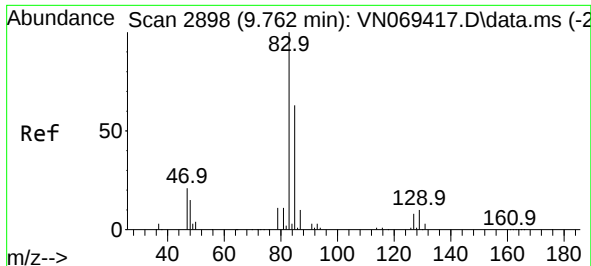


#46
Dibromomethane
Concen: 46.684 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



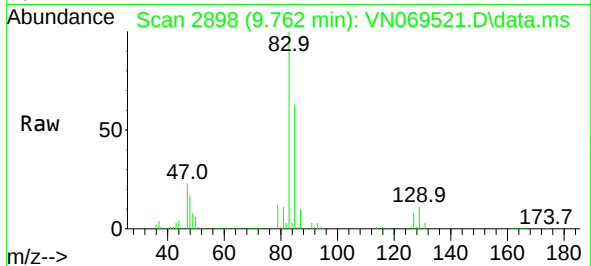
Tgt Ion: 93 Resp: 400397
Ion Ratio Lower Upper
93 100
95 83.0 65.9 98.9
174 92.7 84.6 127.0





#47
Bromodichloromethane
Concen: 49.155 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

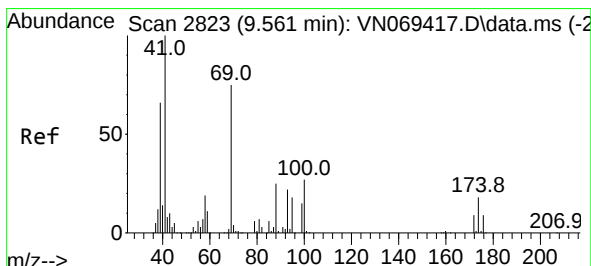
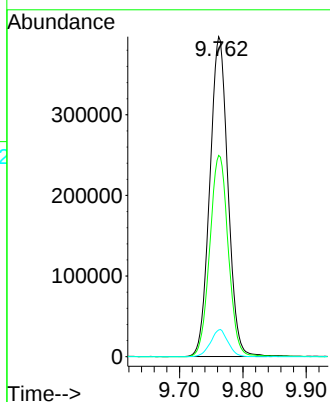
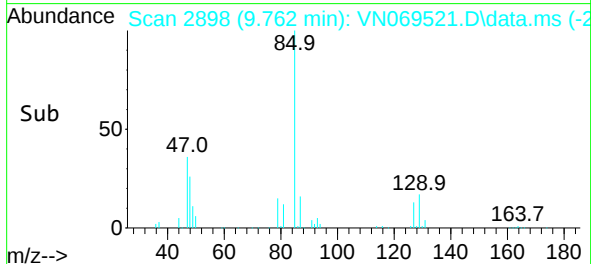
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 786710
Ion Ratio Lower Upper
83 100
85 62.9 50.9 76.3
127 8.3 7.1 10.7

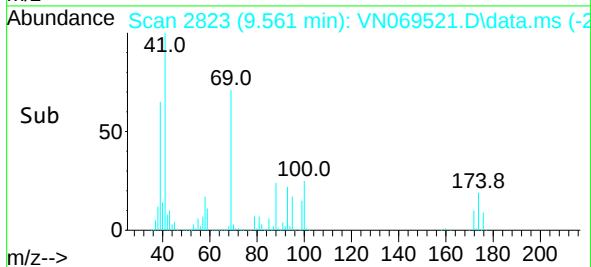
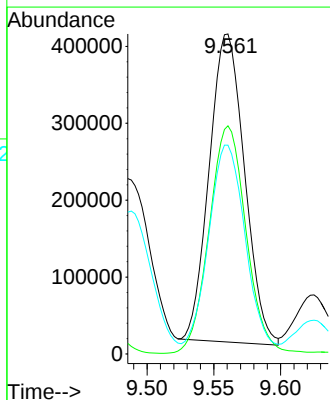
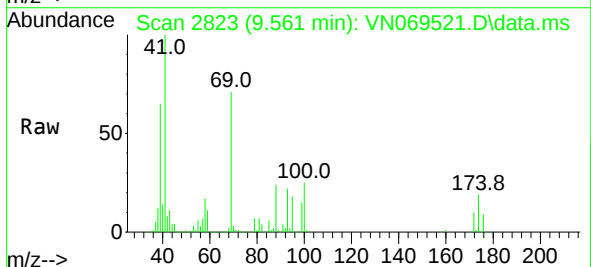
Manual Integrations
APPROVED

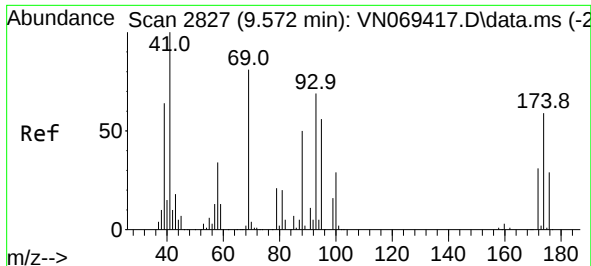
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 46.395 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 41 Resp: 735904
Ion Ratio Lower Upper
41 100
69 77.3 72.4 108.6
39 71.0 58.4 87.6





#49

1,4-Dioxane

Concen: 814.364 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 25361

Ion Ratio Lower Upper

88 100

43 35.7 23.4 35.2

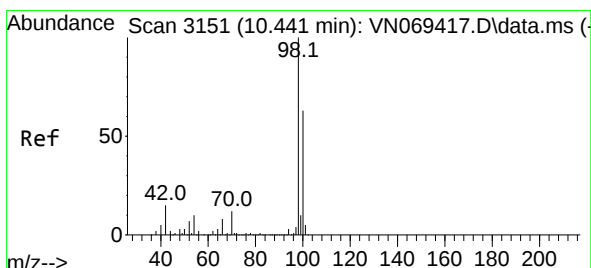
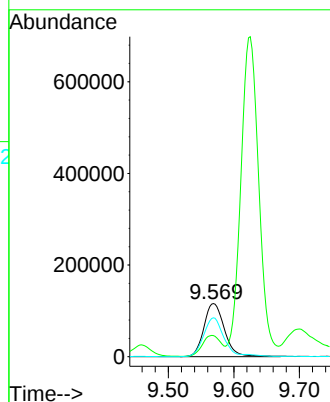
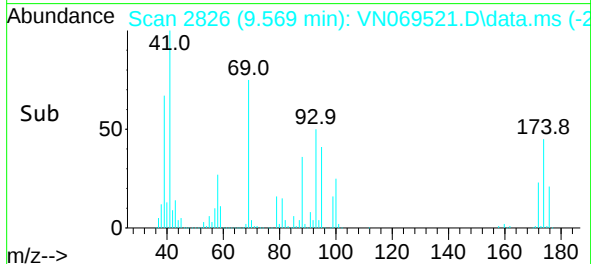
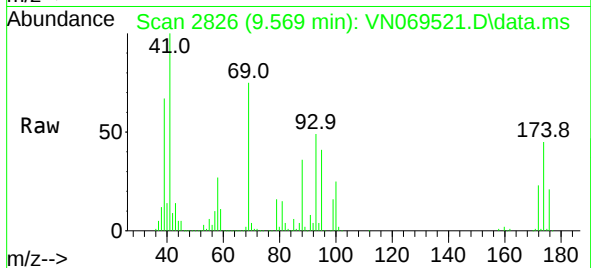
58 70.4 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 49.814 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069521.D

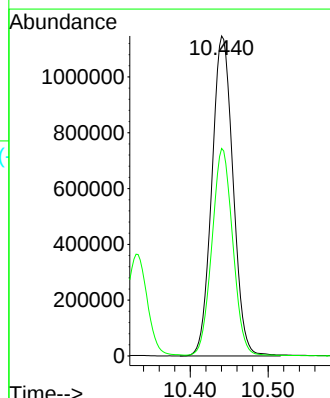
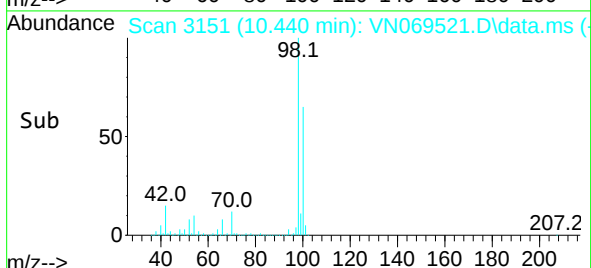
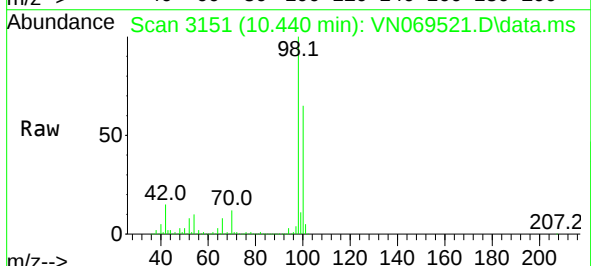
Acq: 16 Nov 2021 20:40

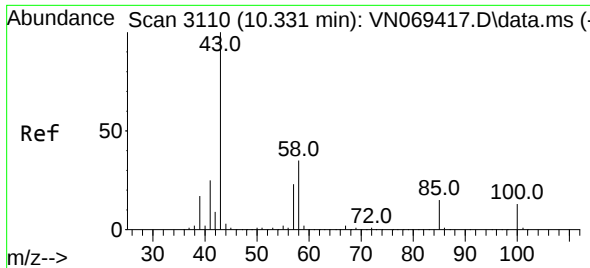
Tgt Ion: 98 Resp: 2168330

Ion Ratio Lower Upper

98 100

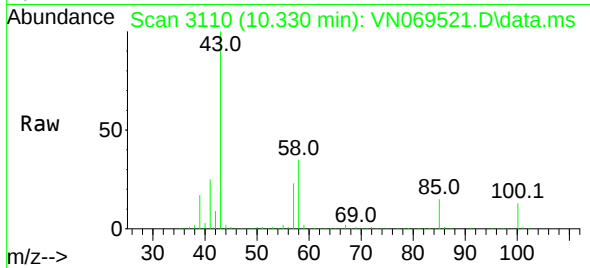
100 63.7 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 245.310 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

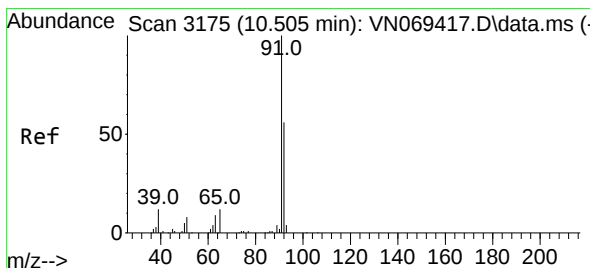
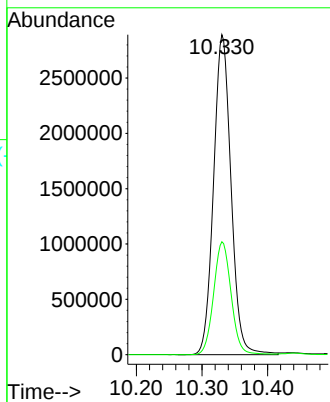
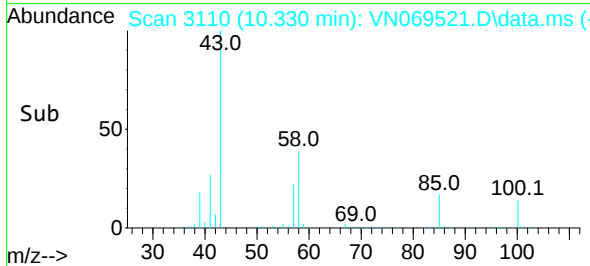
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 533826
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

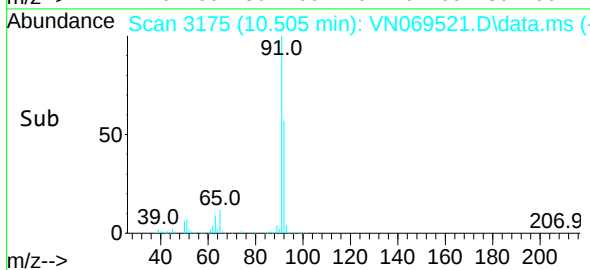
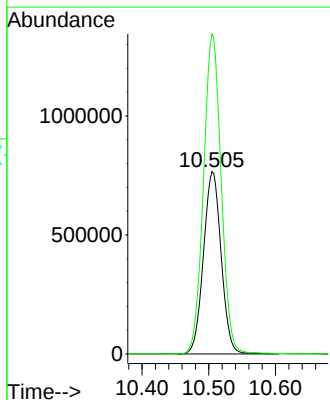
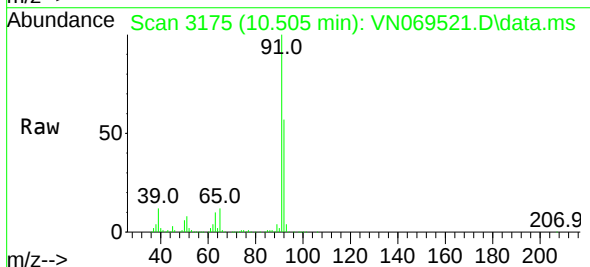
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 47.143 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

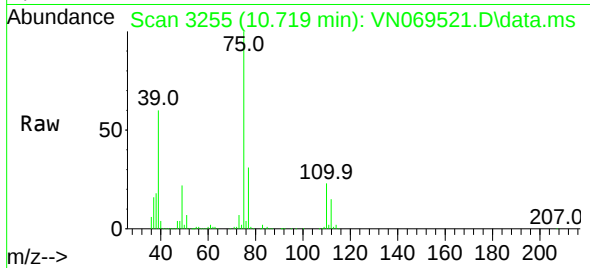
Tgt Ion: 92 Resp: 1407581
Ion Ratio Lower Upper
92 100
91 175.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 41.584 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

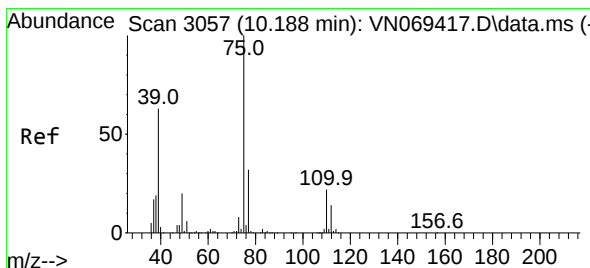
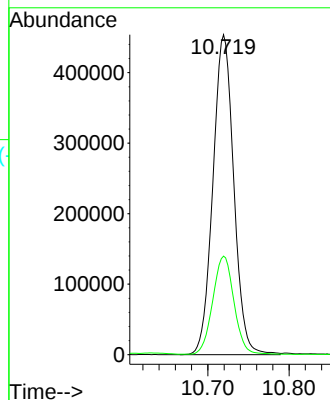
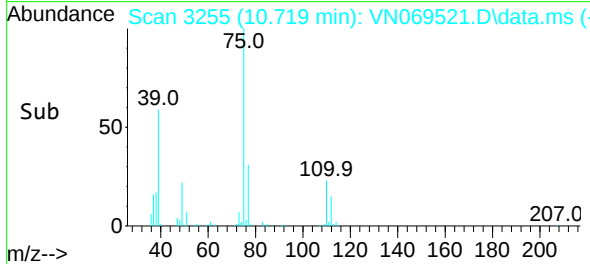
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 809072
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

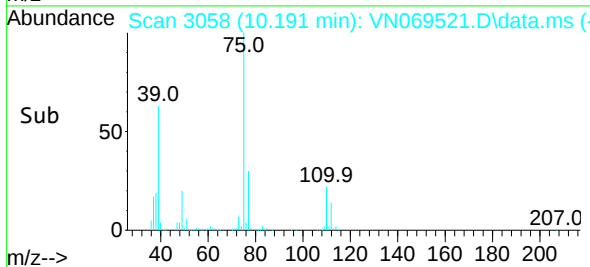
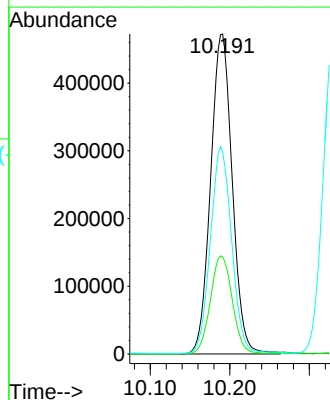
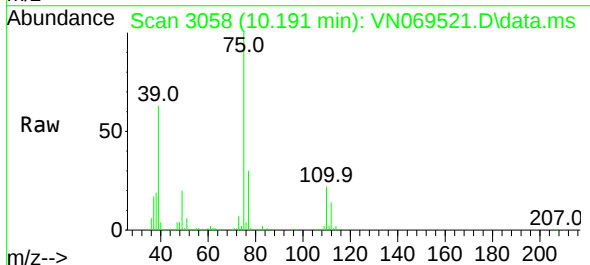
Manual Integrations
APPROVED

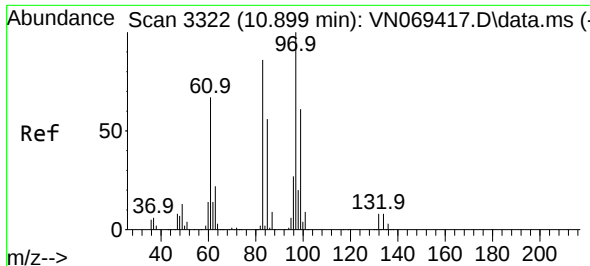
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 43.220 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

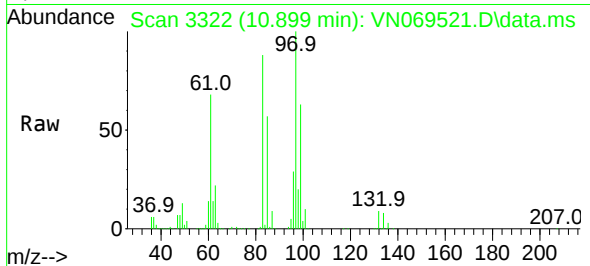
Tgt Ion: 75 Resp: 891184
Ion Ratio Lower Upper
75 100
77 30.3 26.4 39.6
39 63.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 49.328 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

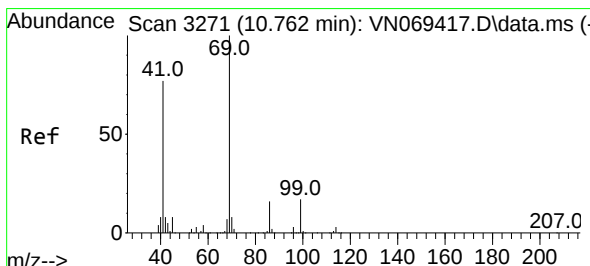
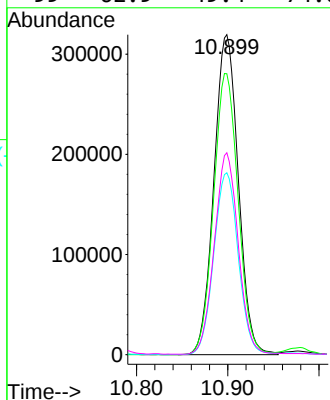
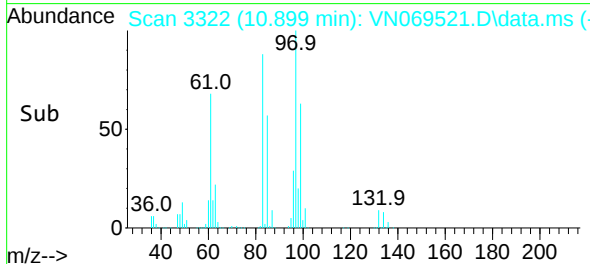
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



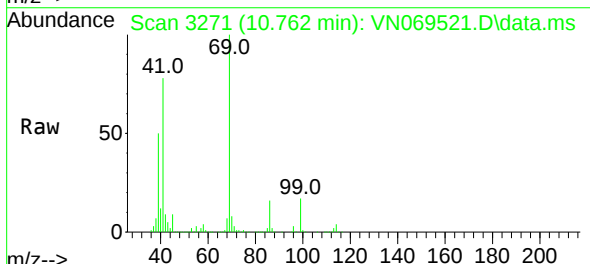
Tgt Ion: 97 Resp: 593702
Ion Ratio Lower Upper
97 100
83 87.8 67.8 101.6
85 56.8 45.4 68.2
99 62.9 49.4 74.0

Manual Integrations
APPROVED

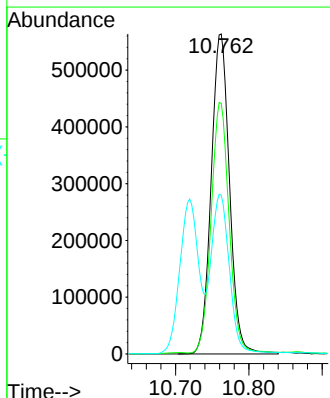
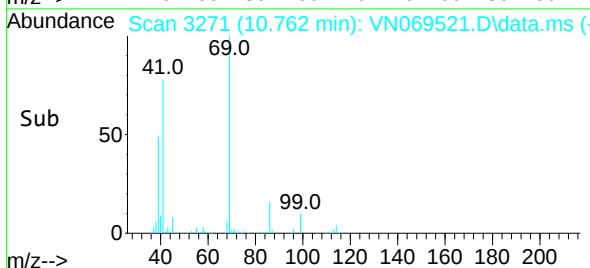
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#56
Ethyl methacrylate
Concen: 43.357 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



Tgt Ion: 69 Resp: 976980
Ion Ratio Lower Upper
69 100
41 77.0 51.4 77.0
39 48.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 48.587 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN069521.D

Acq: 16 Nov 2021 20:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 102759

Ion Ratio Lower Upper

76 100

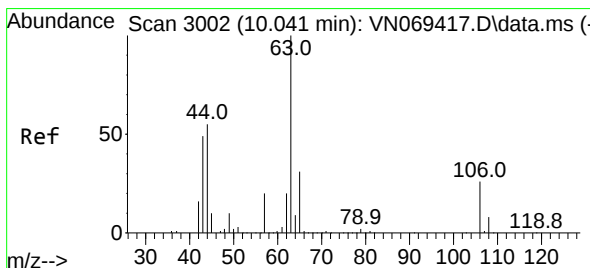
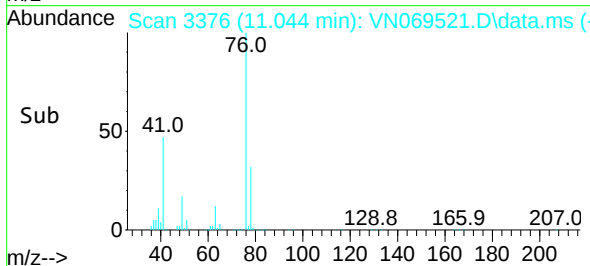
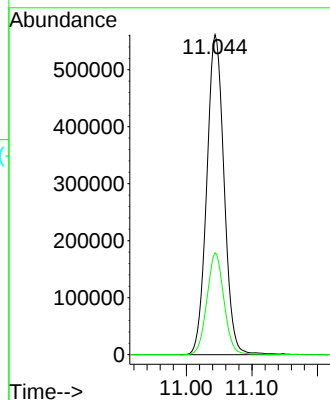
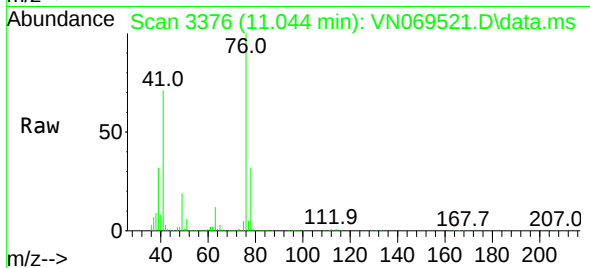
78 31.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 201.446 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN069521.D

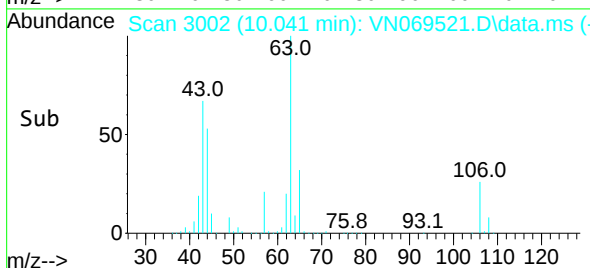
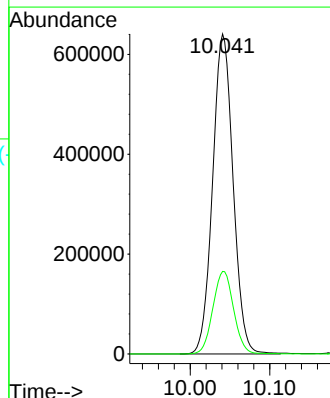
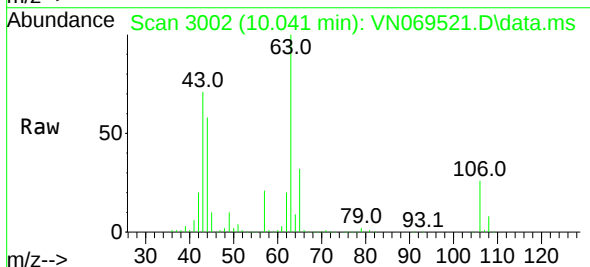
Acq: 16 Nov 2021 20:40

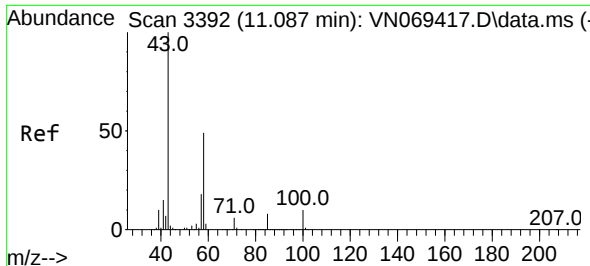
Tgt Ion: 63 Resp: 1146501

Ion Ratio Lower Upper

63 100

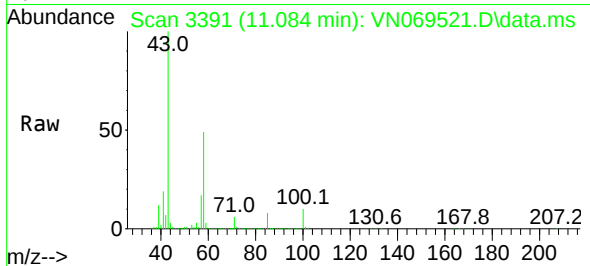
106 26.1 23.9 35.9





#59
2-Hexanone
Concen: 208.858 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

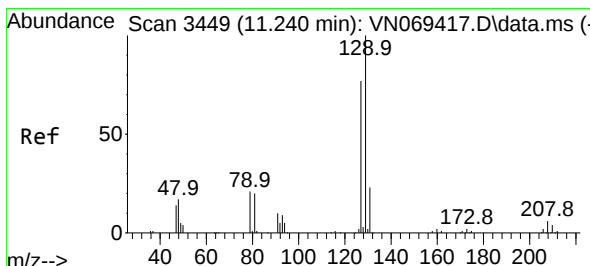
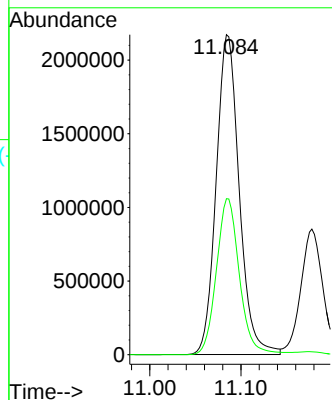
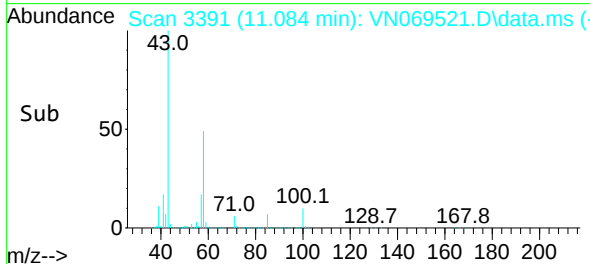
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 381273
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

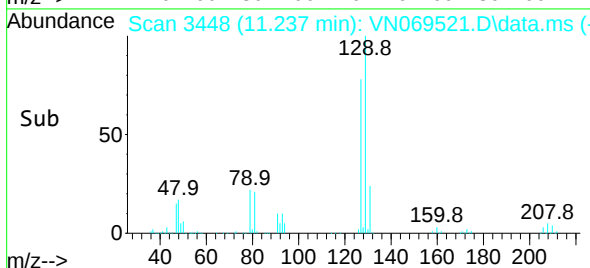
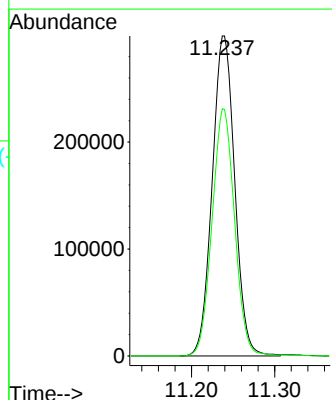
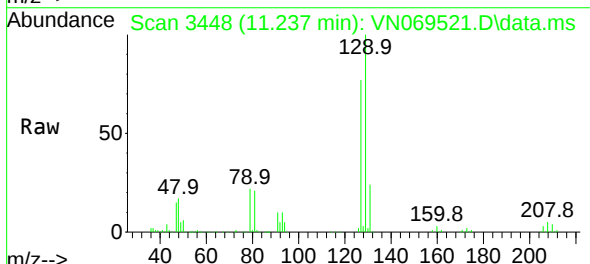
Manual Integrations
APPROVED

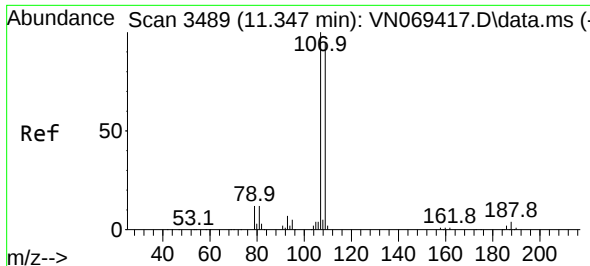
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 43.041 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

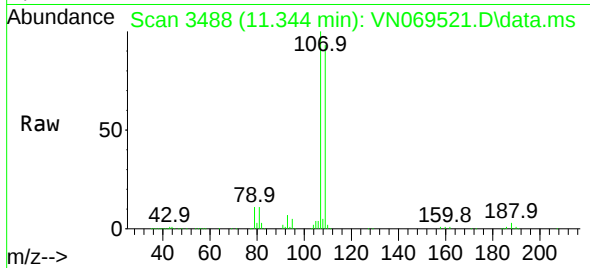
Tgt Ion:129 Resp: 563911
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 44.863 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

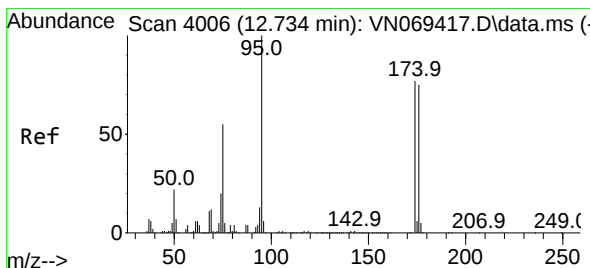
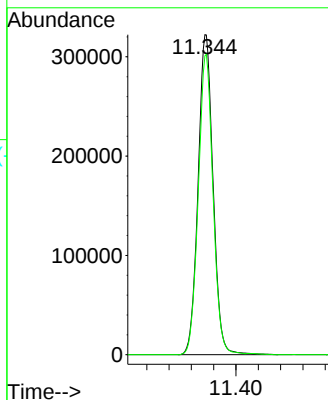
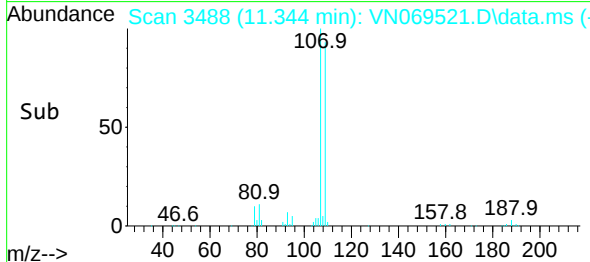
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 601189
Ion Ratio Lower Upper
107 100
109 92.5 75.7 113.5

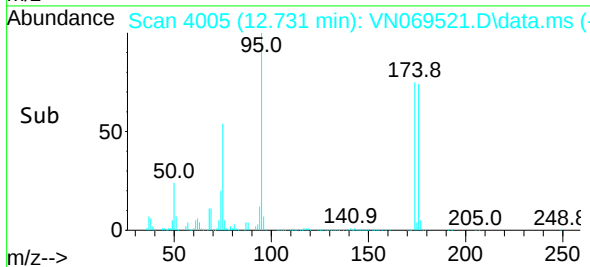
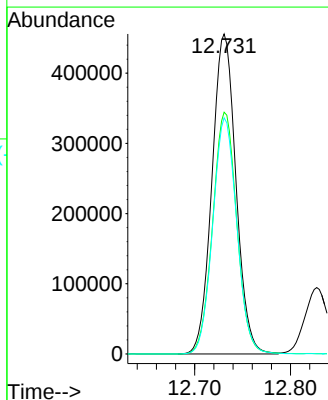
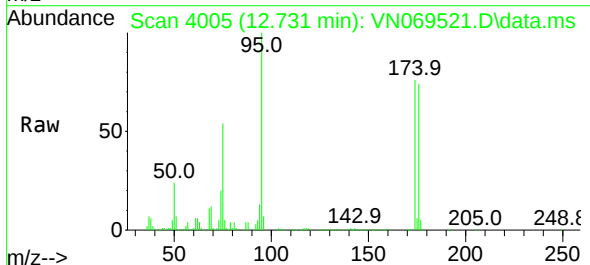
Manual Integrations
APPROVED

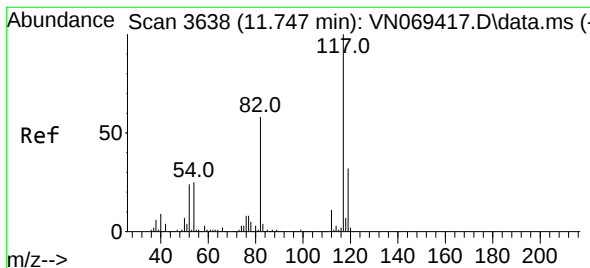
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 49.463 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

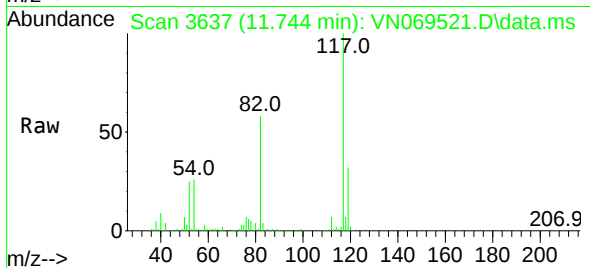
Tgt Ion: 95 Resp: 790939
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 74.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

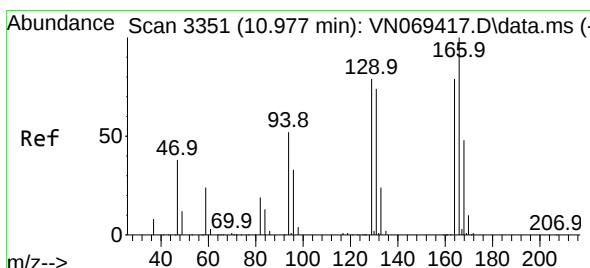
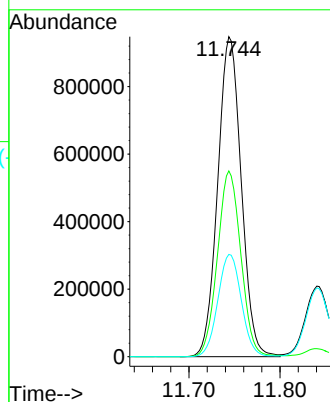
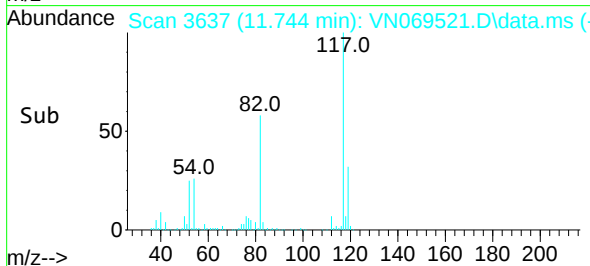
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 169782
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 32.0 25.4 38.2

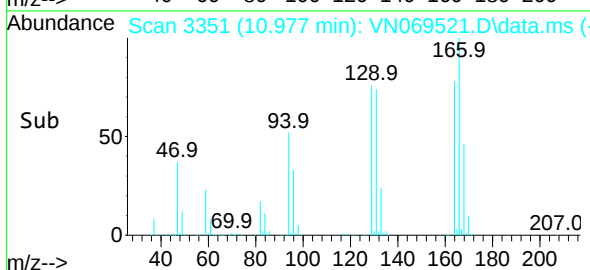
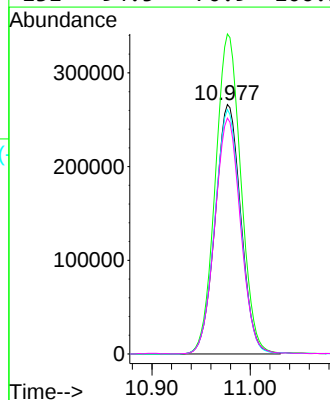
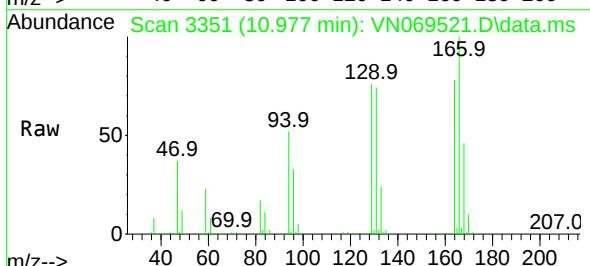
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 47.059 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

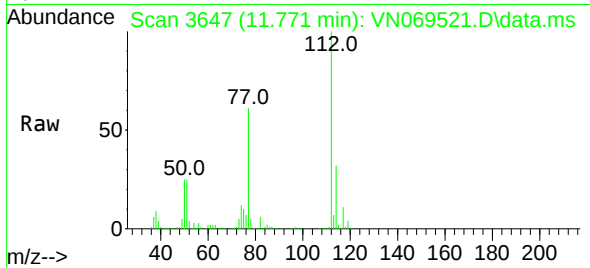
Tgt Ion:164 Resp: 482434
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 98.0 72.0 108.0
131 94.5 70.9 106.3





#65
Chlorobenzene
Concen: 48.265 ug/l
RT: 11.771 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

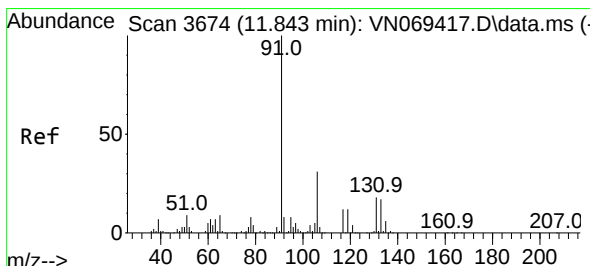
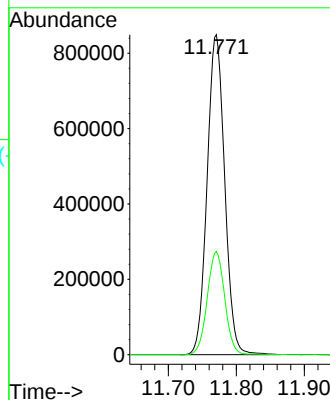
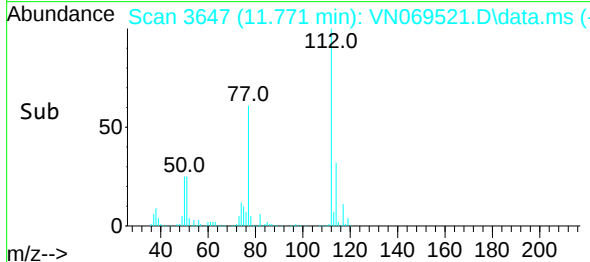
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



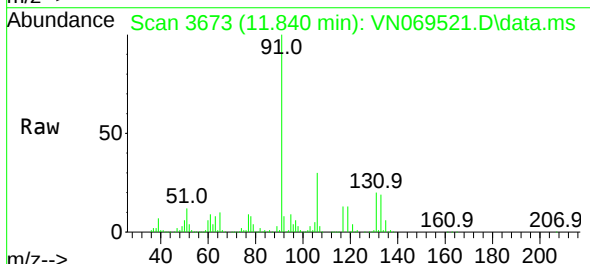
Tgt Ion:112 Resp: 1525298
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
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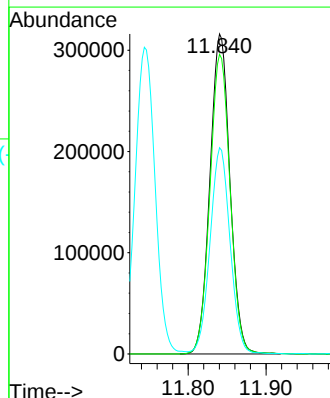
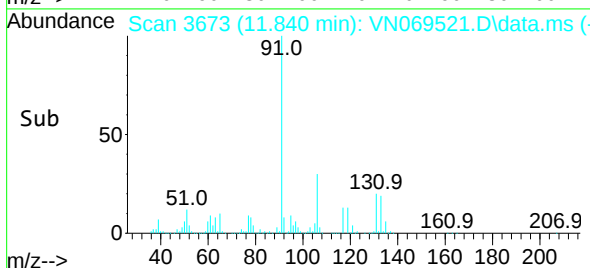
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

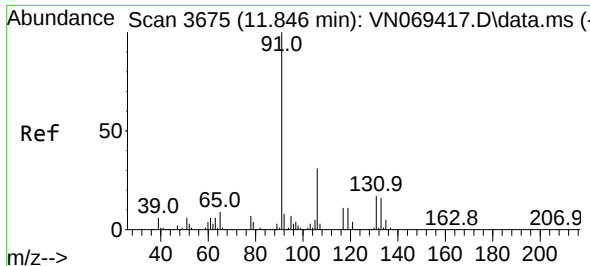


#66
1,1,1,2-Tetrachloroethane
Concen: 51.429 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



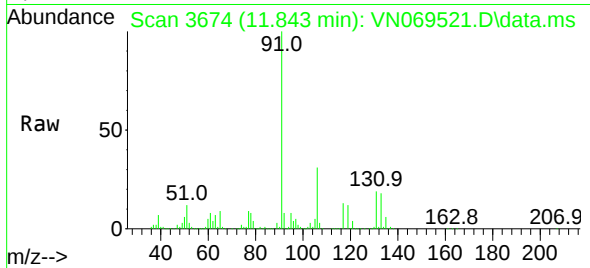
Tgt Ion:131 Resp: 563729
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 48.315 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

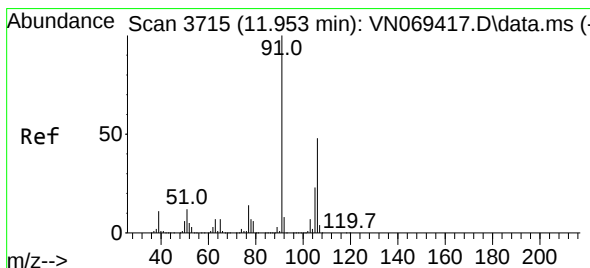
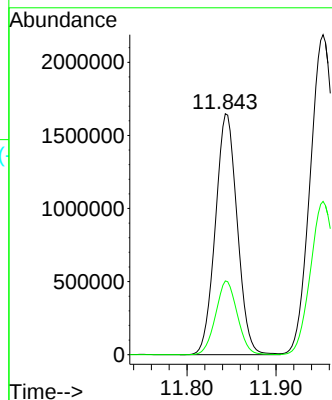
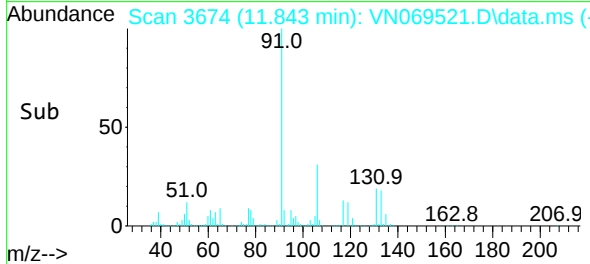
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 2816008
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

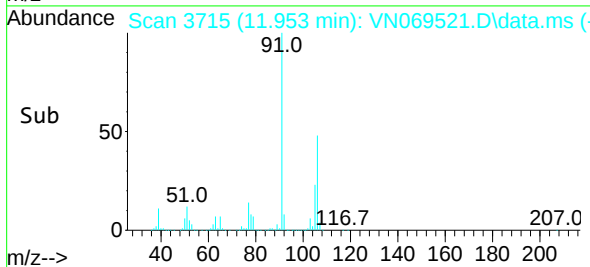
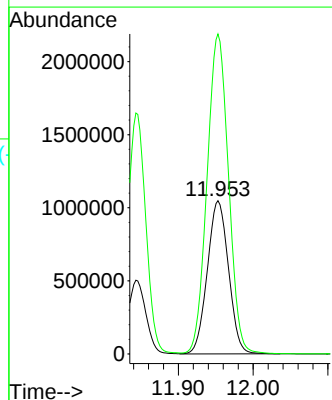
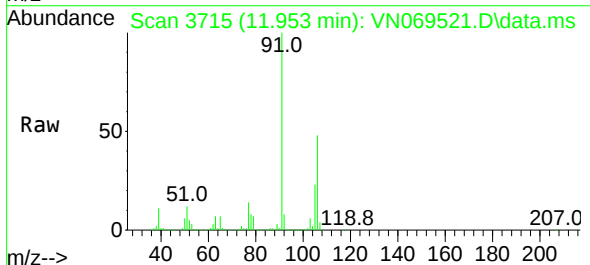
Manual Integrations
APPROVED

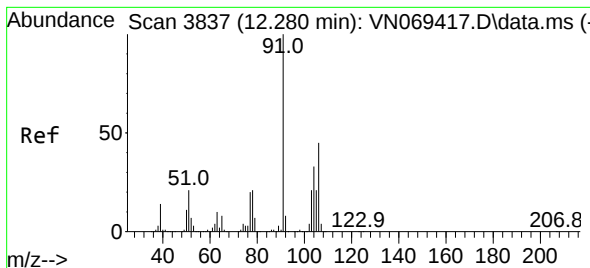
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#68
m/p-Xylenes
Concen: 96.089 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

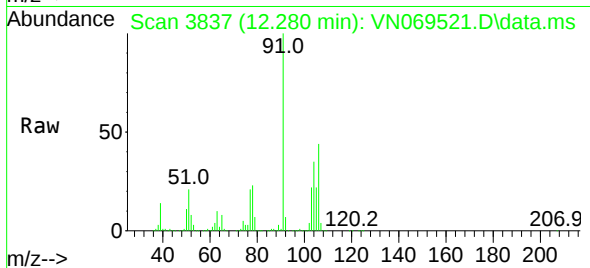
Tgt Ion:106 Resp: 2059808
Ion Ratio Lower Upper
106 100
91 211.4 160.6 240.8





#69
o-Xylene
Concen: 48.925 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

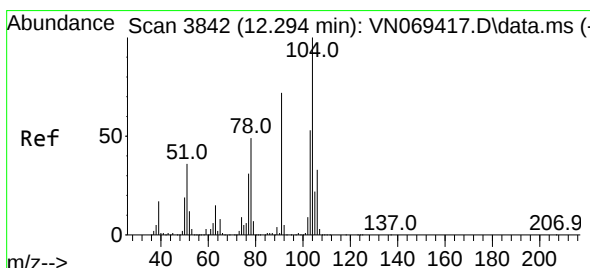
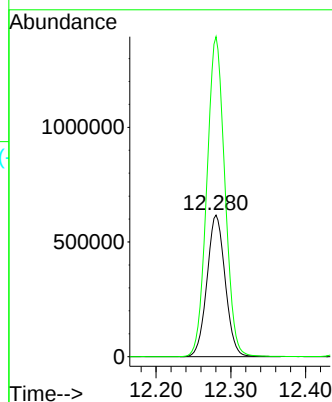
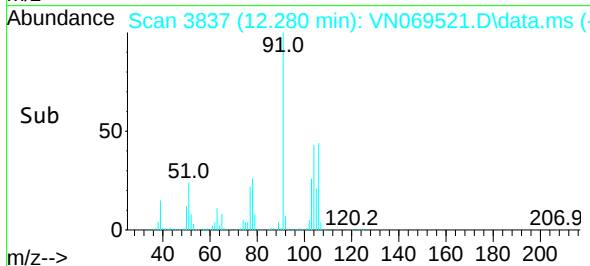
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



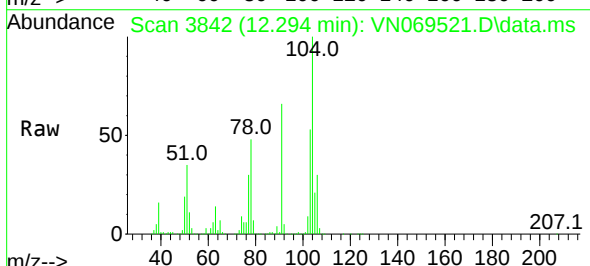
Tgt Ion:106 Resp: 1045550
Ion Ratio Lower Upper
106 100
91 223.8 105.8 317.3

Manual Integrations
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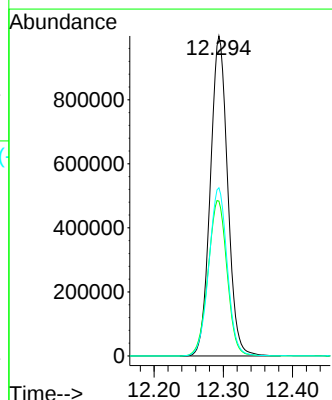
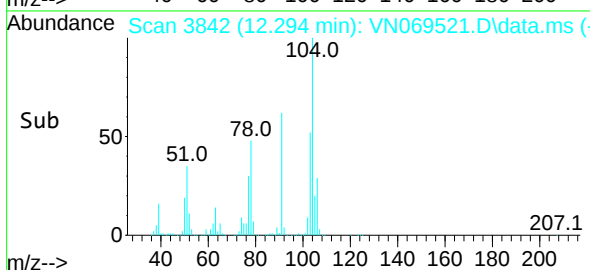
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

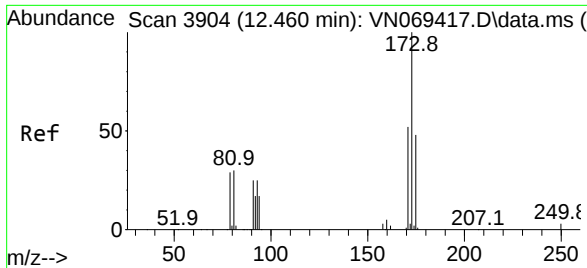


#70
Styrene
Concen: 45.381 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



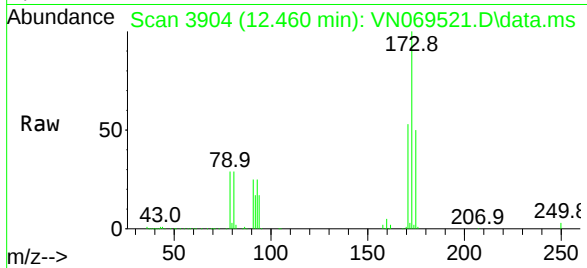
Tgt Ion:104 Resp: 1735718
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 42.333 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

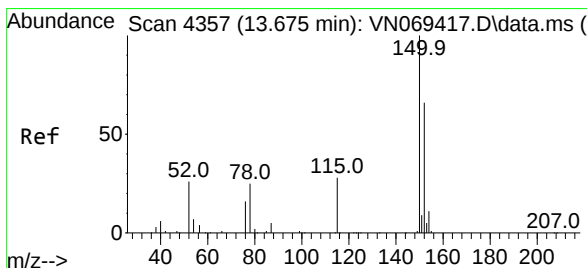
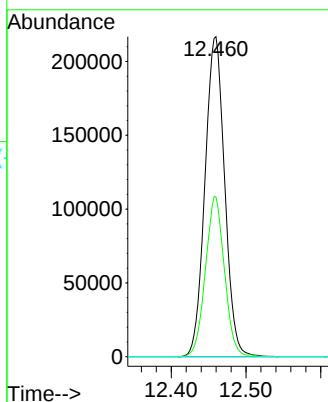
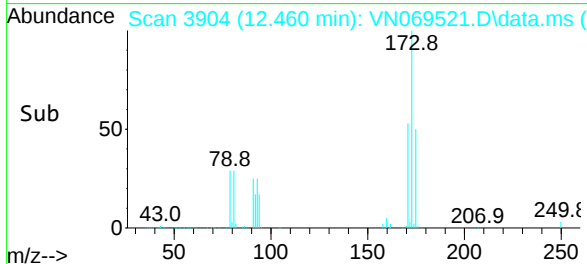
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



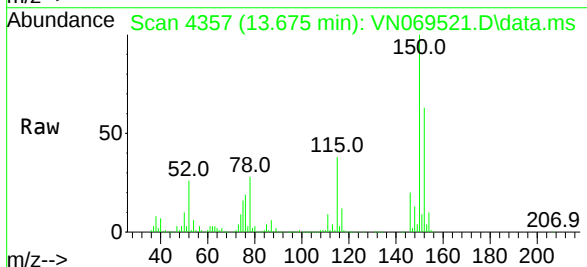
Tgt Ion:173 Resp: 39754
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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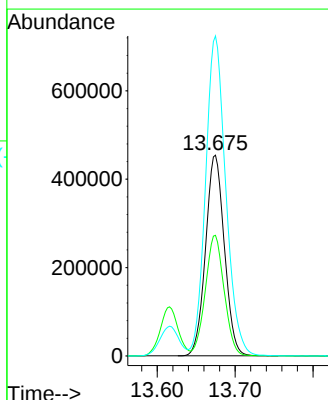
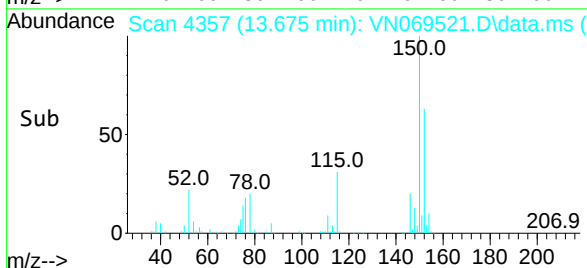
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

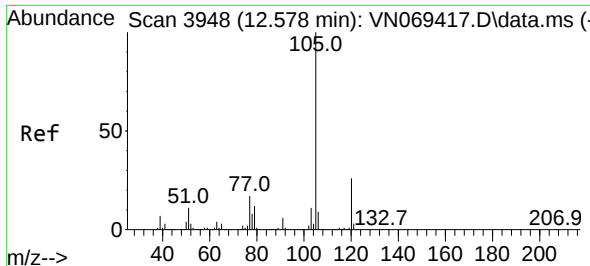


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



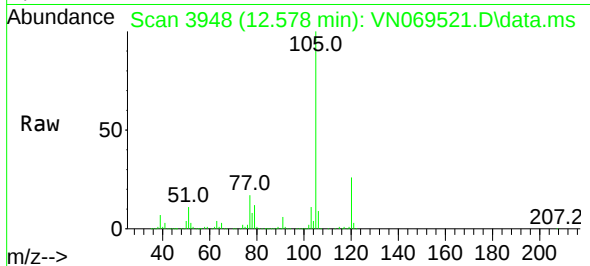
Tgt Ion:152 Resp: 762011
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 171.6 0.0 344.4





#73
Isopropylbenzene
Concen: 46.206 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

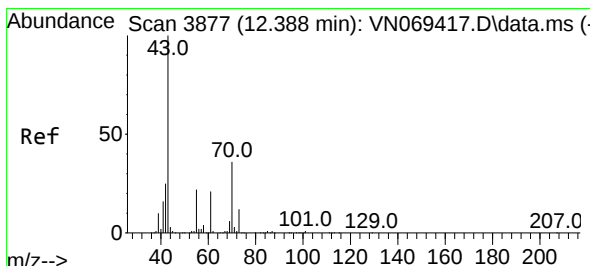
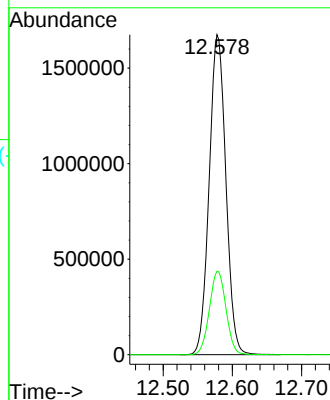
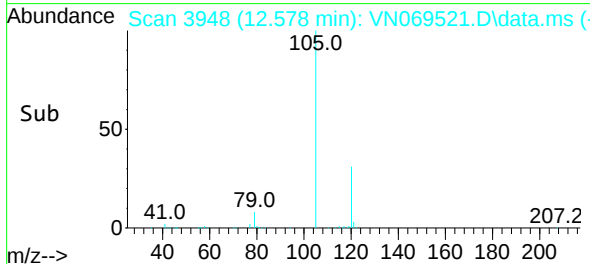
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



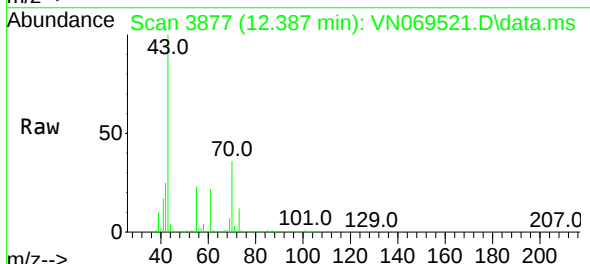
Tgt Ion:105 Resp: 280343
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
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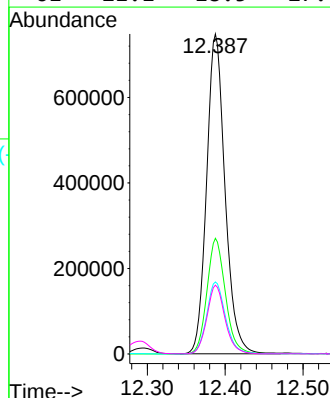
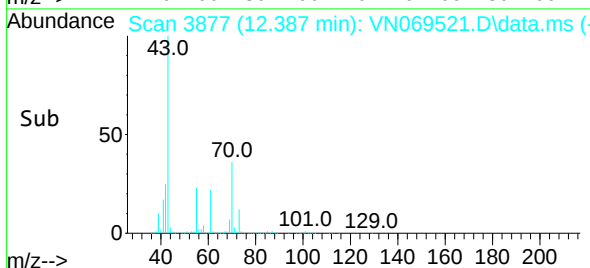
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

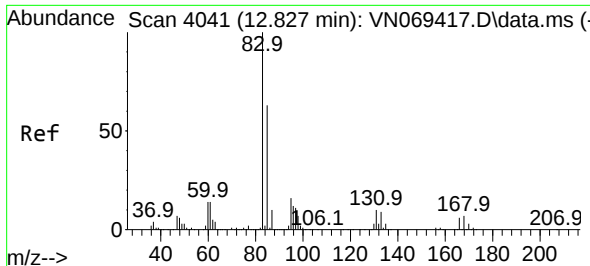


#74
N-ethyl acetate
Concen: 47.934 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



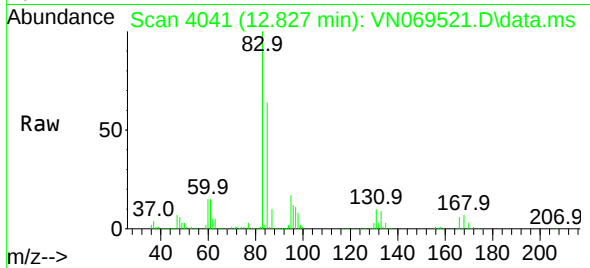
Tgt Ion: 43 Resp: 1232489
Ion Ratio Lower Upper
43 100
70 36.3 33.4 50.0
55 23.0 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.289 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

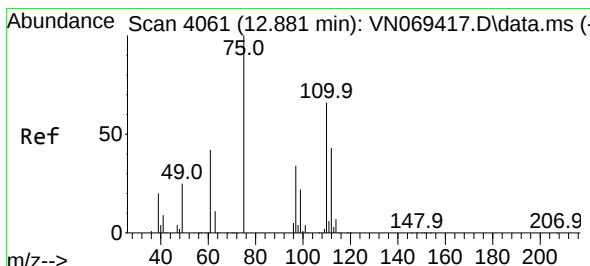
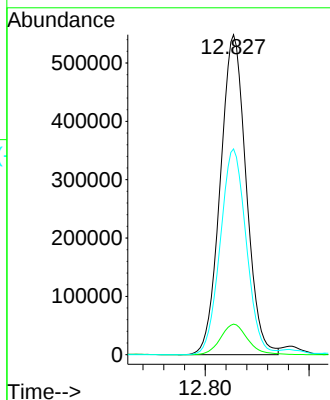
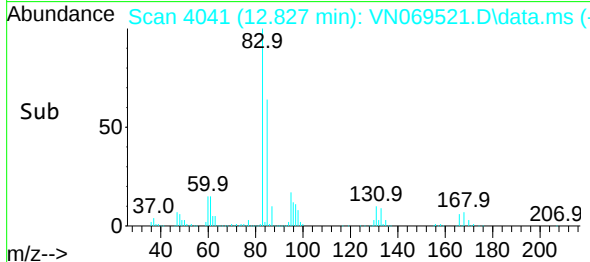
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



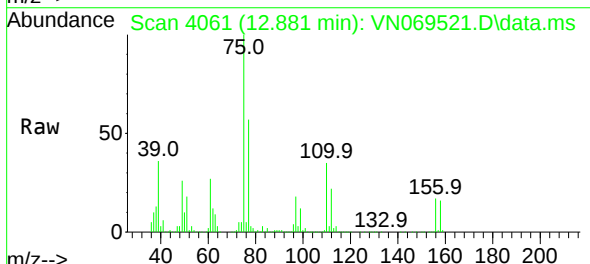
Tgt Ion: 83 Resp: 94721
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.8 32.4 97.2

Manual Integrations
APPROVED

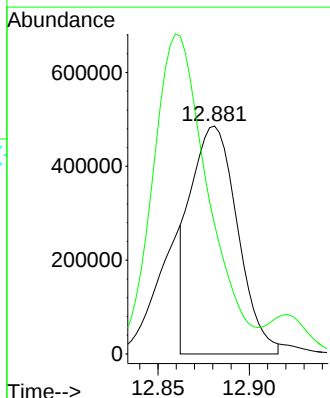
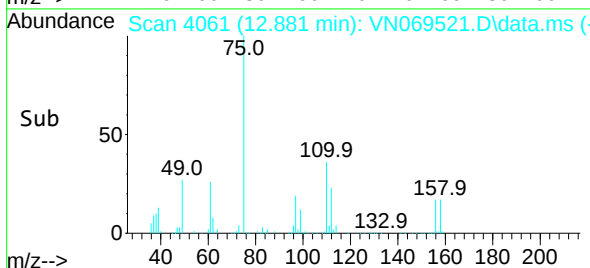
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 49.058 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



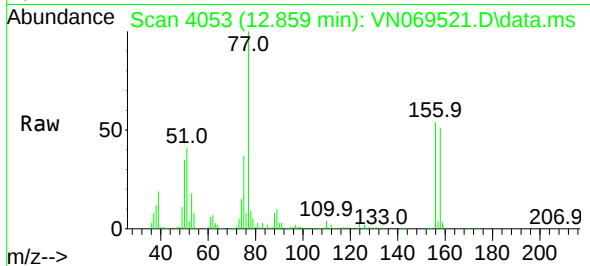
Tgt Ion: 75 Resp: 862710
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 46.915 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

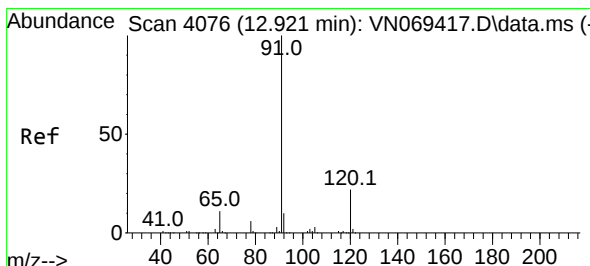
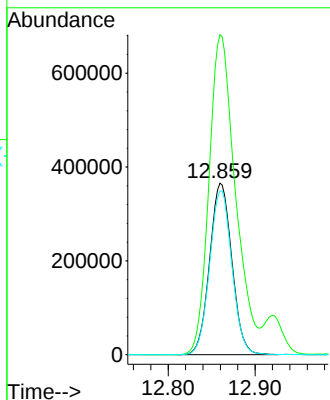
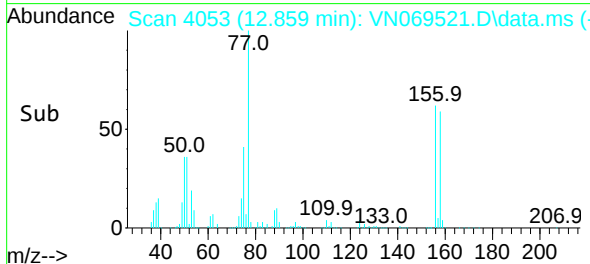
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 650978
Ion Ratio Lower Upper
156 100
77 220.8 90.6 271.8
158 95.7 48.9 146.7

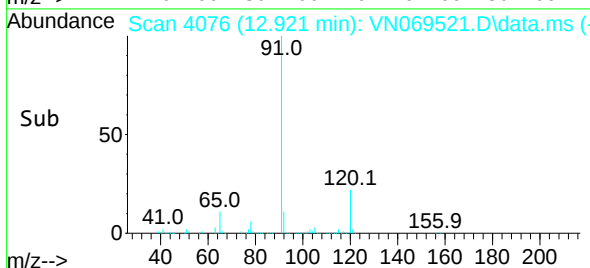
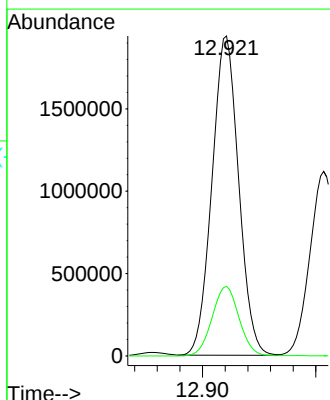
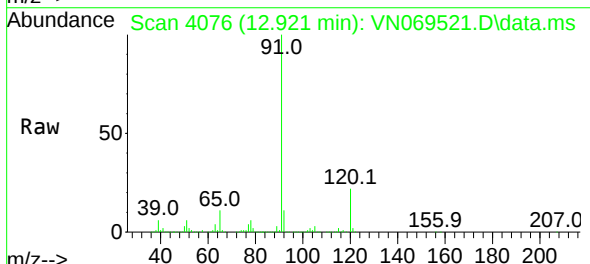
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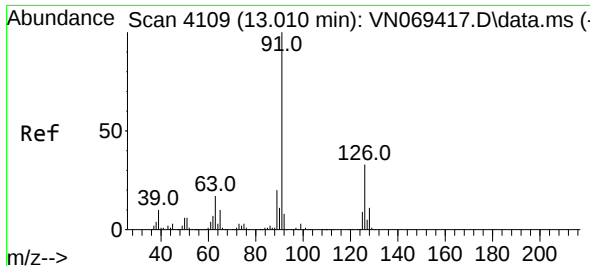
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 46.375 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Tgt Ion: 91 Resp: 3166023
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





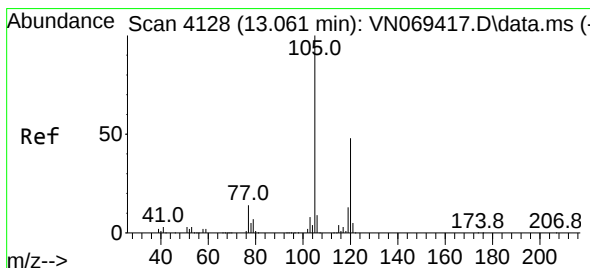
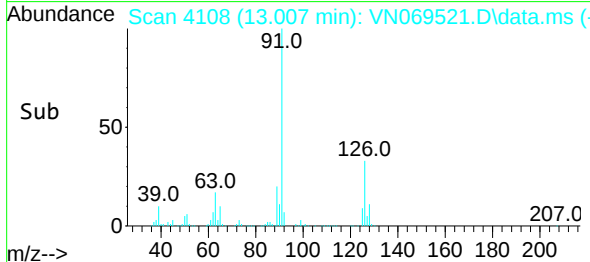
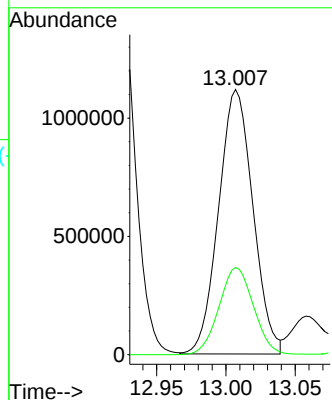
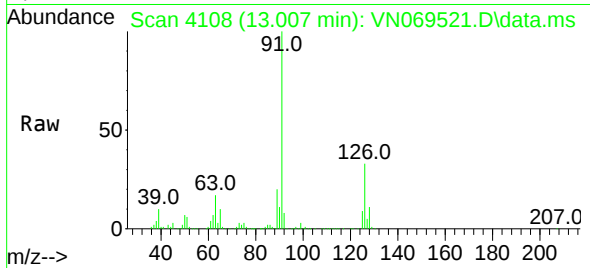
#79
2-Chlorotoluene
Concen: 45.659 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1930015
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8

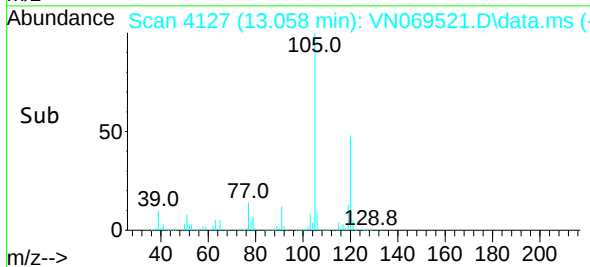
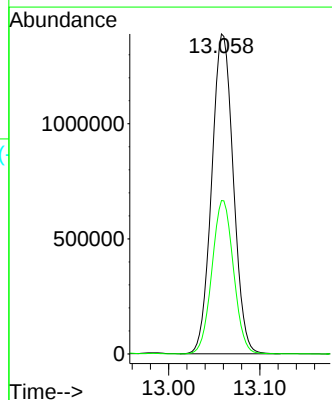
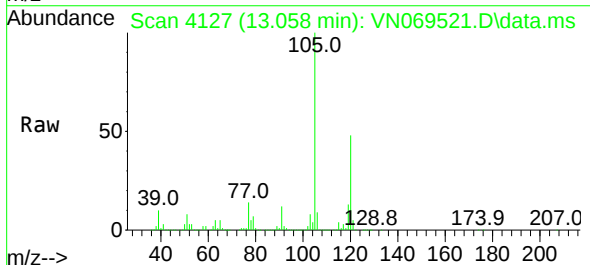
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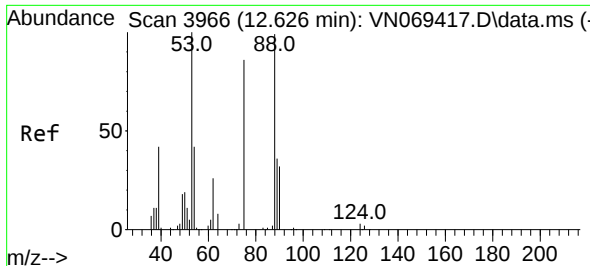
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 46.587 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

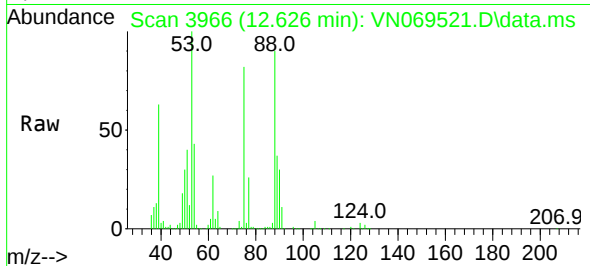
Tgt Ion:105 Resp: 2285036
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 39.978 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

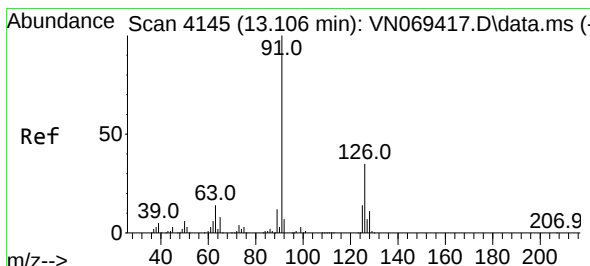
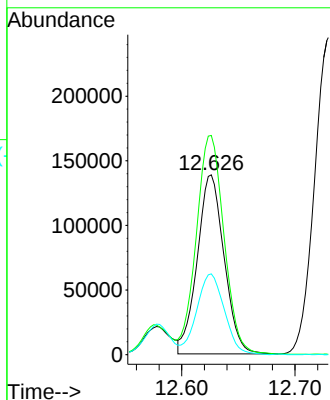
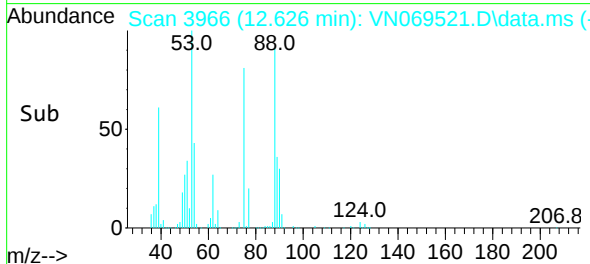
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



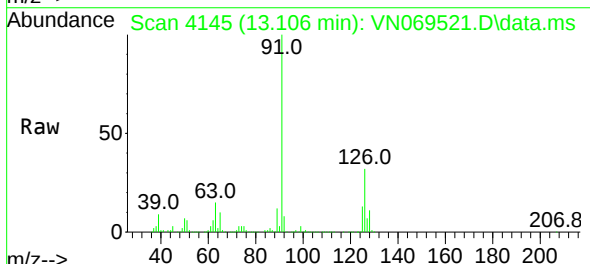
Tgt Ion: 75 Resp: 22843
Ion Ratio Lower Upper
75 100
53 126.9 90.5 135.7
89 46.2 38.2 57.4

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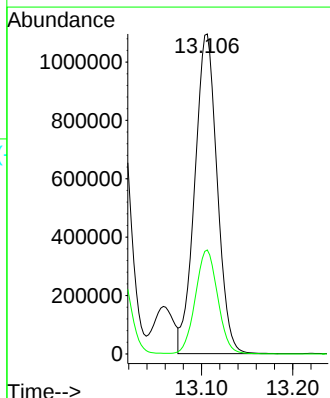
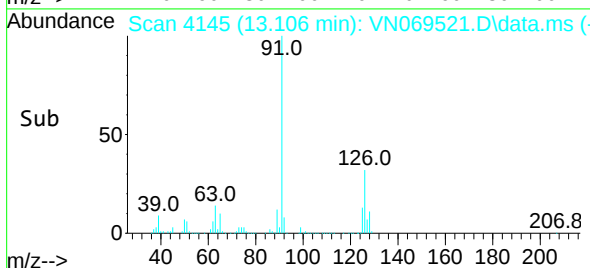
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

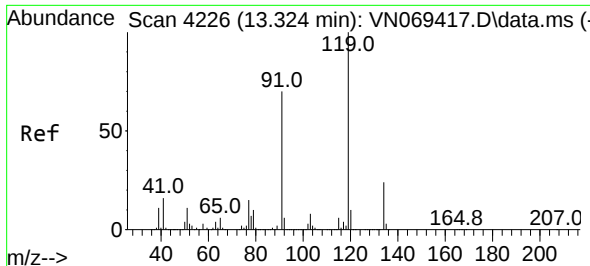


#82
4-Chlorotoluene
Concen: 46.308 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



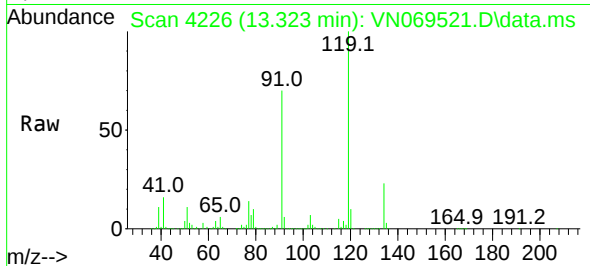
Tgt Ion: 91 Resp: 1865995
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.213 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

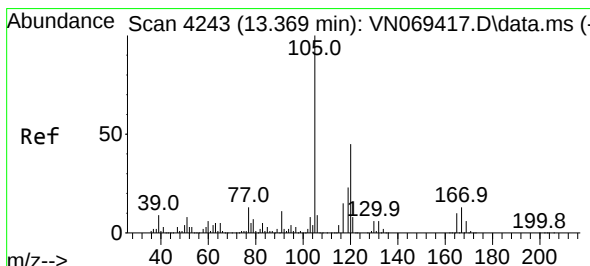
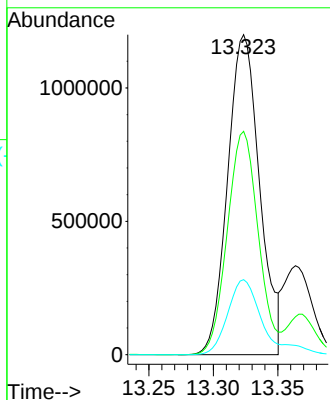
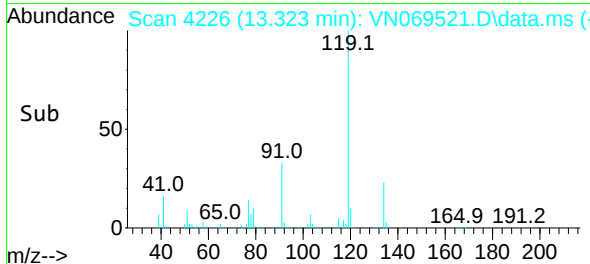
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



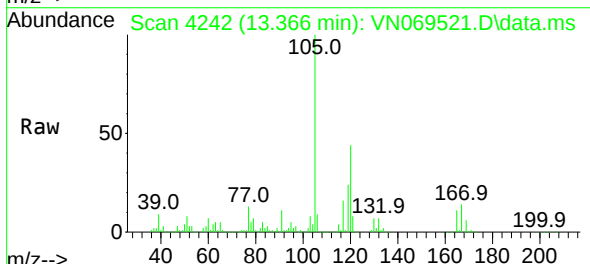
Tgt Ion:119 Resp: 207227
Ion Ratio Lower Upper
119 100
91 68.1 31.5 94.5
134 25.7 12.4 37.4

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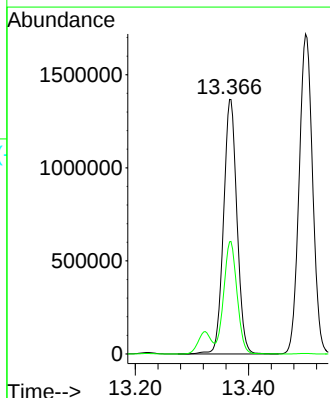
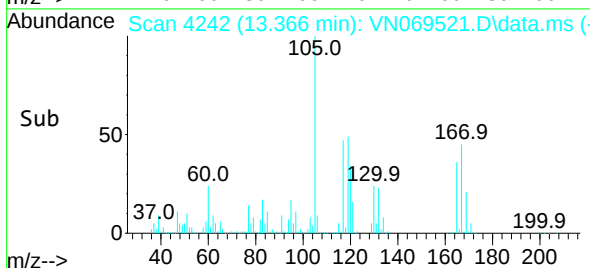
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 47.695 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



Tgt Ion:105 Resp: 2258415
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





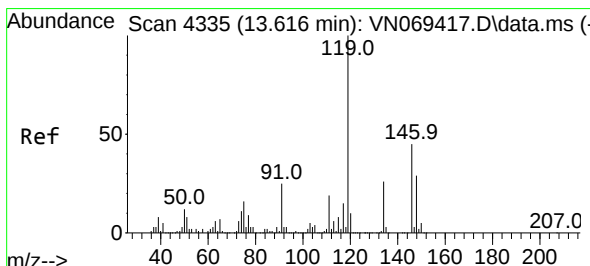
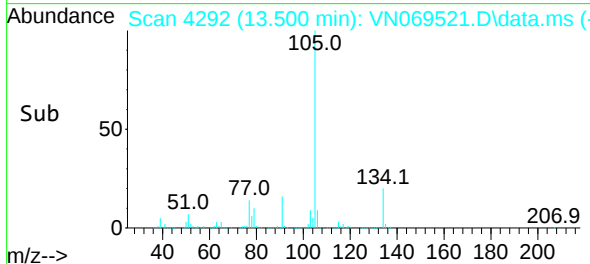
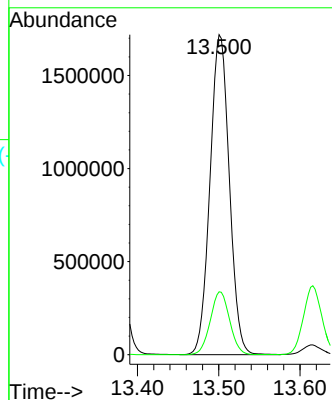
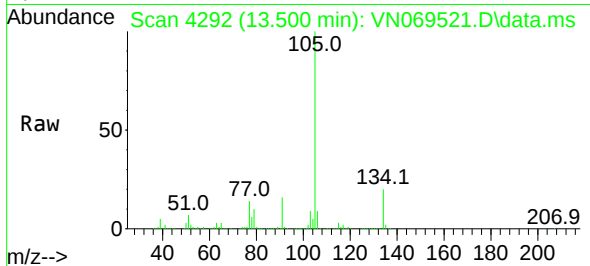
#85
 sec-Butylbenzene
 Concen: 47.251 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 283702
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

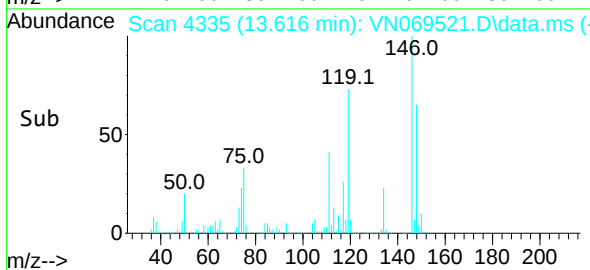
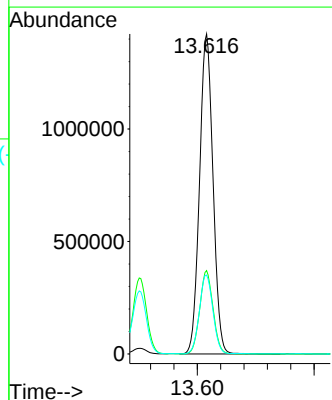
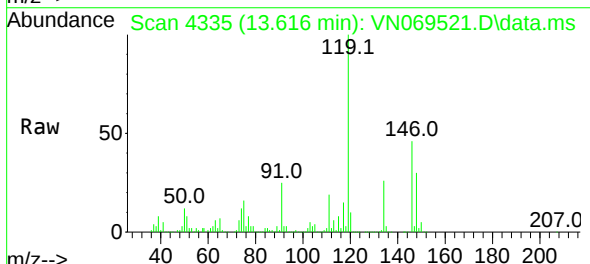
Manual Integrations
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Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 47.719 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069521.D
 Acq: 16 Nov 2021 20:40

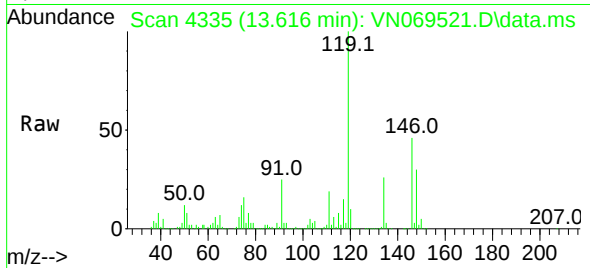
Tgt Ion:119 Resp: 2274468
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 24.7 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.437 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

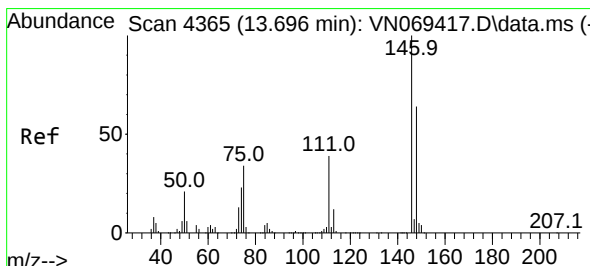
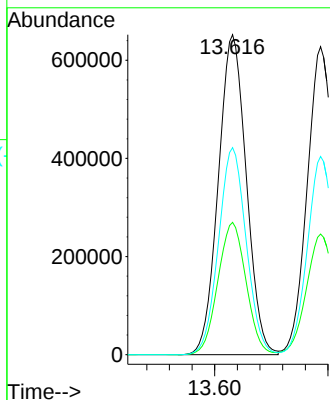
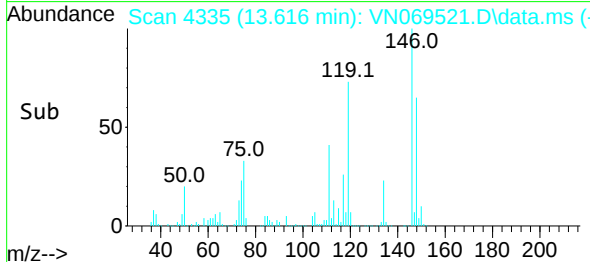
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 111712
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 64.3 31.6 95.0

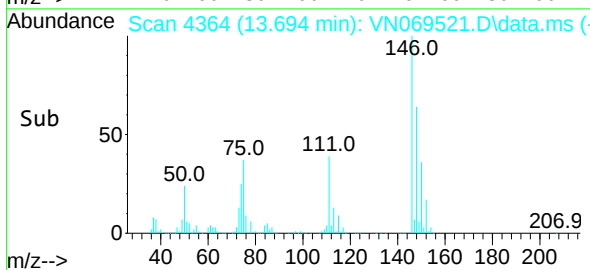
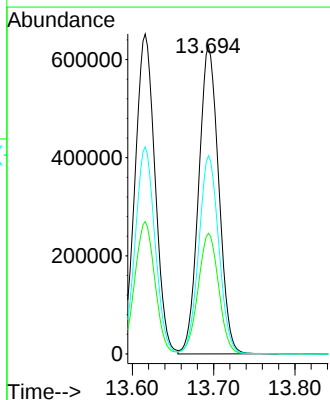
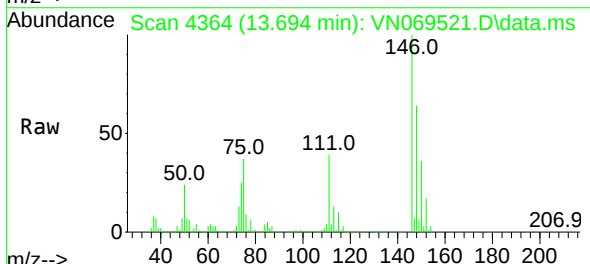
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Supervised By :Mahesh Dadoda 11/18/2021



#88
1,4-Dichlorobenzene
Concen: 45.557 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

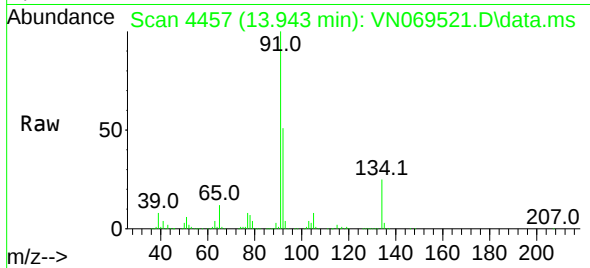
Tgt Ion:146 Resp: 1075153
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 45.615 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

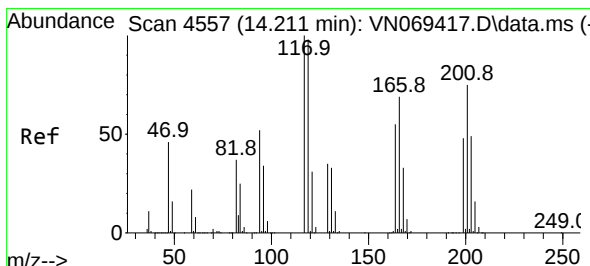
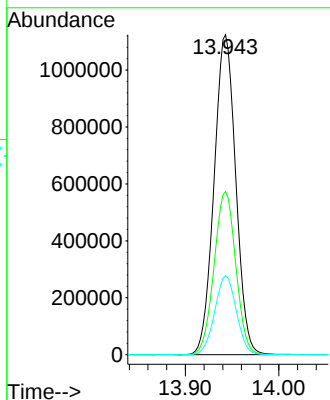
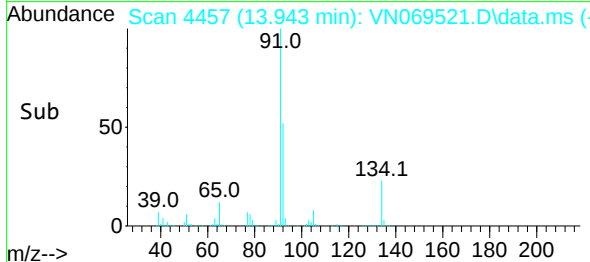
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ClientSampleId :
VSTDCCC050EC



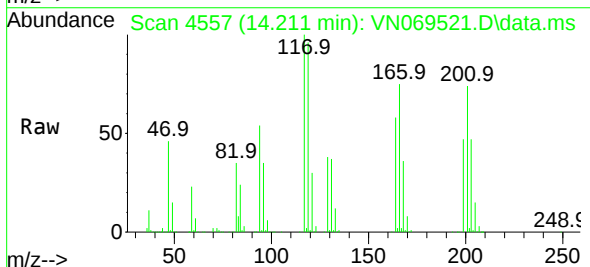
Tgt Ion: 91 Resp: 181307
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.6 13.6 40.8

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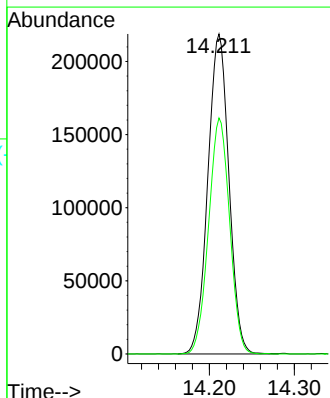
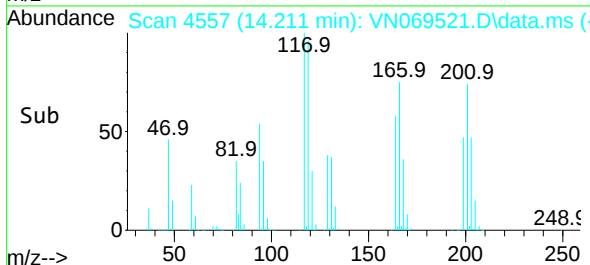
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

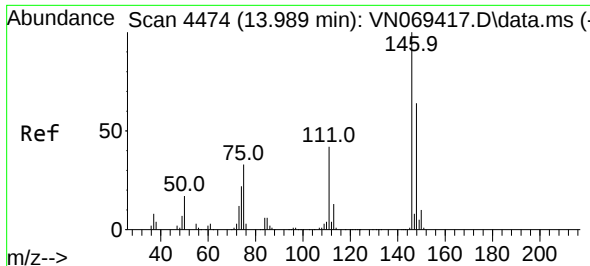


#90
Hexachloroethane
Concen: 43.227 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



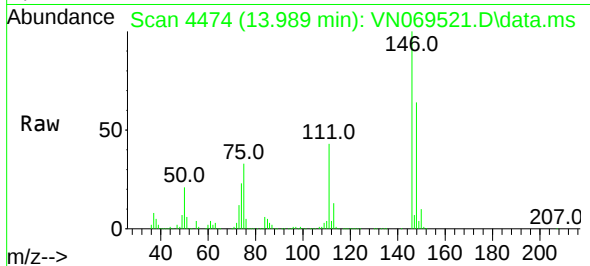
Tgt Ion:117 Resp: 376032
Ion Ratio Lower Upper
117 100
201 73.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.595 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

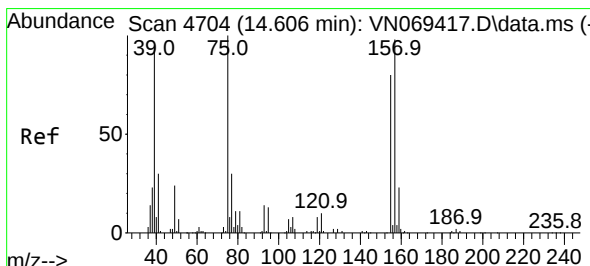
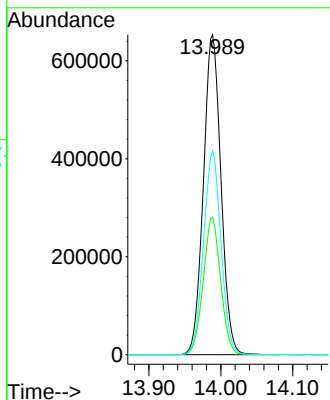
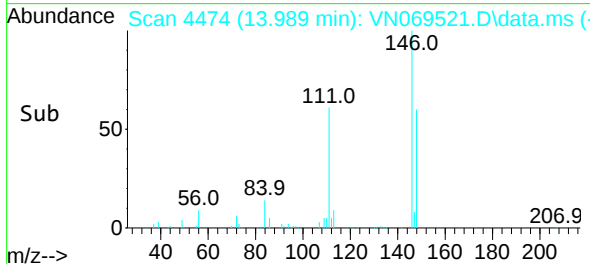
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 1112414
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 63.5 32.1 96.3

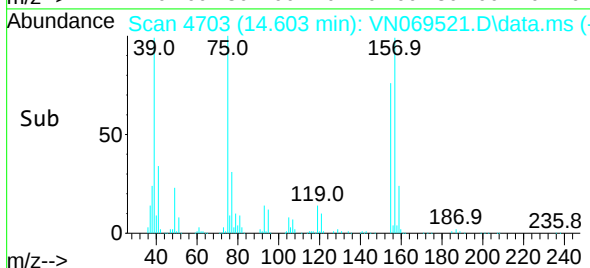
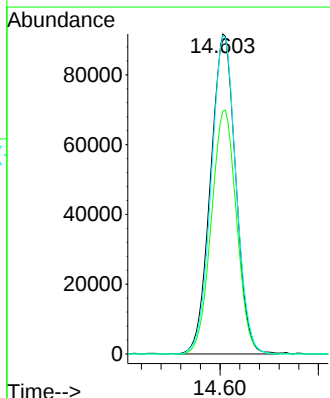
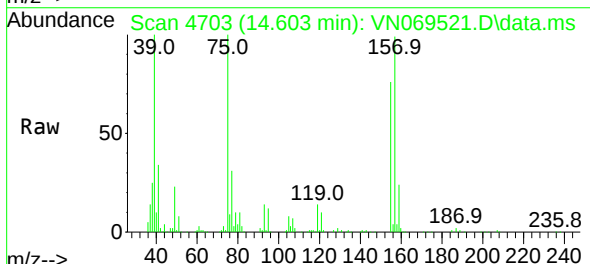
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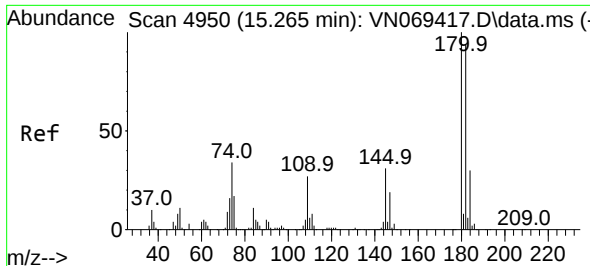
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.098 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

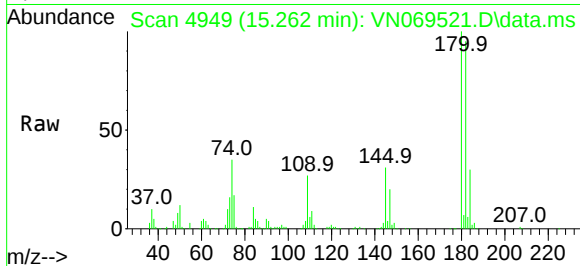
Tgt Ion: 75 Resp: 162986
Ion Ratio Lower Upper
75 100
155 76.5 46.9 140.7
157 98.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 40.186 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

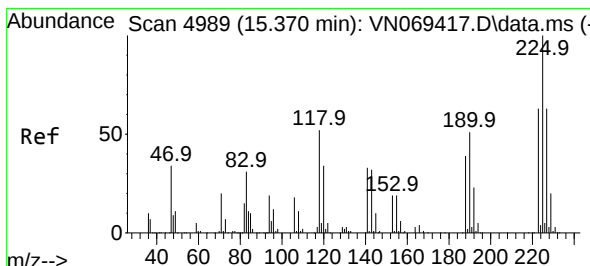
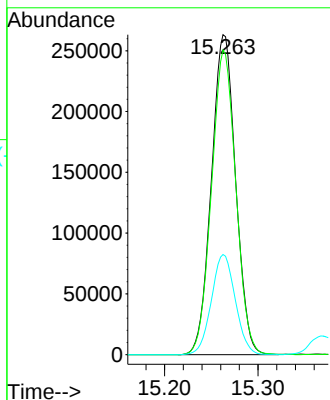
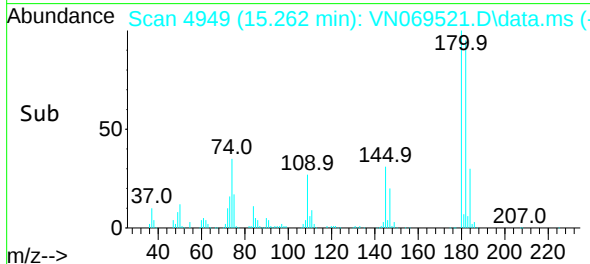
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



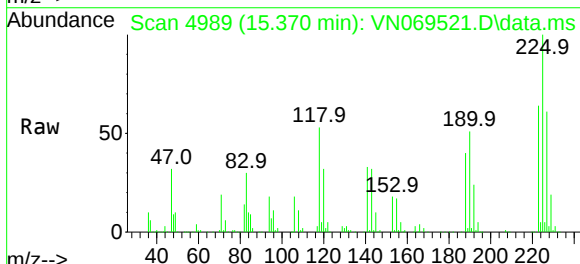
Tgt Ion:180 Resp: 474194
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
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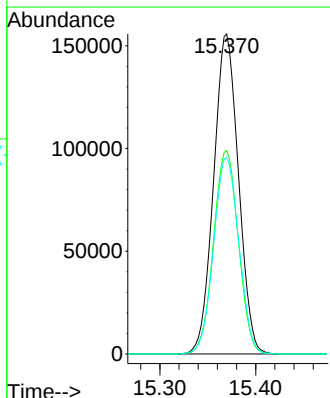
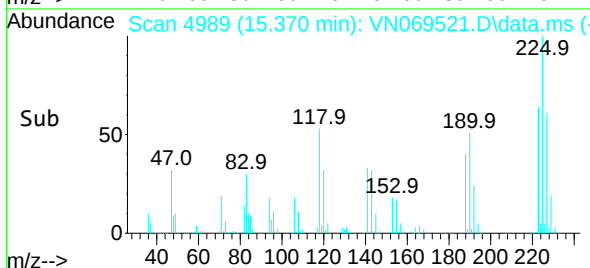
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

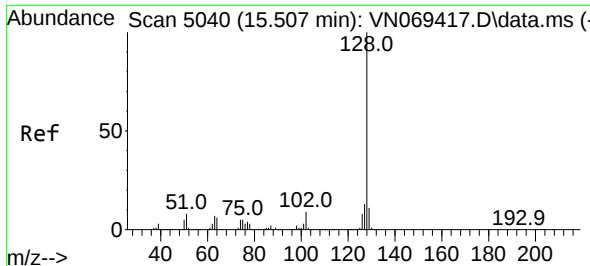


#94
Hexachlorobutadiene
Concen: 47.085 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



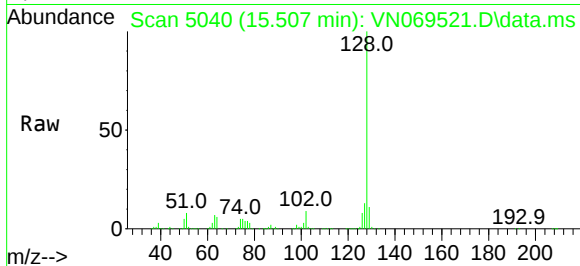
Tgt Ion:225 Resp: 280062
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 62.3 32.1 96.3





#95
Naphthalene
Concen: 38.725 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40

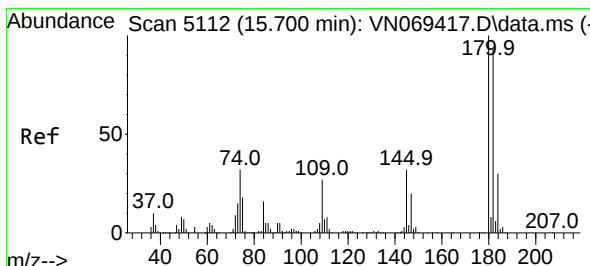
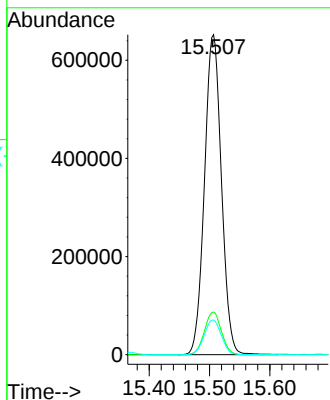
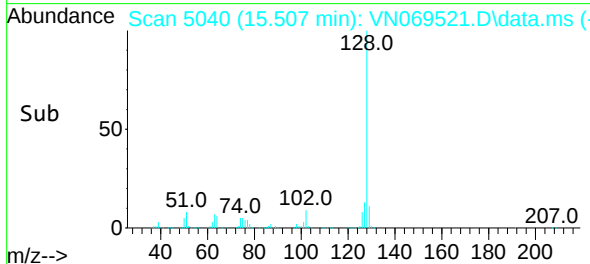
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



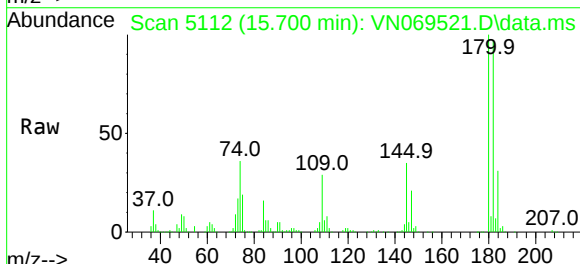
Tgt Ion:128 Resp: 127268
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.0 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 41.476 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069521.D
Acq: 16 Nov 2021 20:40



Tgt Ion:180 Resp: 469096
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 33.1 15.0 45.1

