

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069876.D
 Acq On : 8 Dec 2021 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 09 11:48:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1116855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1857339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1745512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	736976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	833224	48.319	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.640%		
35) Dibromofluoromethane	8.021	113	570171	49.009	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.020%		
50) Toluene-d8	10.440	98	2280946	48.828	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.660%		
62) 4-Bromofluorobenzene	12.731	95	823951	48.687	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	618183	47.456	ug/l	99
3) Chloromethane	2.303	50	748906	45.890	ug/l	98
4) Vinyl Chloride	2.448	62	712173	47.459	ug/l	98
5) Bromomethane	2.845	94	388791	47.690	ug/l	99
6) Chloroethane	3.017	64	425711	46.296	ug/l	98
7) Trichlorofluoromethane	3.376	101	918508	46.637	ug/l	98
8) Diethyl Ether	3.827	74	369002	48.647	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.208	101	537816	48.715	ug/l	96
10) Methyl Iodide	4.419	142	729564	48.373	ug/l	98
11) Tert butyl alcohol	5.377	59	639558	196.209	ug/l	100
12) 1,1-Dichloroethene	4.181	96	505341	47.501	ug/l	86
13) Acrolein	4.041	56	757771	272.989	ug/l	98
14) Allyl chloride	4.843	41	1172002	48.890	ug/l	93
15) Acrylonitrile	5.554	53	1961294	223.295	ug/l	99
16) Acetone	4.288	43	1891262	182.322	ug/l	96
17) Carbon Disulfide	4.529	76	1302961	47.407	ug/l	99
18) Methyl Acetate	4.854	43	1429829	45.666	ug/l	90
19) Methyl tert-butyl Ether	5.618	73	2027567	49.016	ug/l	95
20) Methylene Chloride	5.095	84	642029	46.558	ug/l #	83
21) trans-1,2-Dichloroethene	5.597	96	543787	47.060	ug/l	86
22) Diisopropyl ether	6.498	45	2392053	51.052	ug/l	94
23) Vinyl Acetate	6.434	43	9820016	257.610	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1207996	49.770	ug/l	98
25) 2-Butanone	7.335	43	2915997	206.894	ug/l	90
26) 2,2-Dichloropropane	7.327	77	892122	47.274	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	674253	48.297	ug/l	86
28) Bromochloromethane	7.657	49	625803	49.582	ug/l #	77
29) Tetrahydrofuran	7.683	42	1898359	221.814	ug/l	87
30) Chloroform	7.818	83	1204665	49.144	ug/l	100
31) Cyclohexane	8.094	56	1120275	46.682	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	1036370	49.634	ug/l	96
36) 1,1-Dichloropropene	8.222	75	874517	49.460	ug/l	96
37) Ethyl Acetate	7.413	43	1158332	44.016	ug/l	95
38) Carbon Tetrachloride	8.206	117	871714	50.276	ug/l	100
39) Methylcyclohexane	9.459	83	1034669	49.196	ug/l	89
40) Benzene	8.459	78	2664170	49.295	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	591211	47.857	ug/l	89
42) 1,2-Dichloroethane	8.531	62	1056034	48.405	ug/l	97
43) Isopropyl Acetate	8.560	43	2008150	51.565	ug/l #	91
44) Trichloroethene	9.215	130	628055	48.689	ug/l	92
45) 1,2-Dichloropropane	9.488	63	730373	50.325	ug/l	99
46) Dibromomethane	9.577	93	471080	49.493	ug/l	92
47) Bromodichloromethane	9.762	83	944924	52.434	ug/l	100
48) Methyl methacrylate	9.558	41	884785	48.683	ug/l	85
49) 1,4-Dioxane	9.569	88	253943	778.726	ug/l #	80
51) 4-Methyl-2-Pentanone	10.331	43	6026622	238.546	ug/l	95
52) Toluene	10.505	92	1659587	50.298	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	1014395	46.973	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	1080259	47.582	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	655683	49.252	ug/l	98
56) Ethyl methacrylate	10.760	69	1139630	45.580	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1180450	50.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1396276	209.085	ug/l	90
59) 2-Hexanone	11.084	43	4263077	223.065	ug/l	92
60) Dibromochloromethane	11.237	129	673989	47.381	ug/l	100
61) 1,2-Dibromoethane	11.344	107	684597	49.648	ug/l	99
64) Tetrachloroethene	10.977	164	539734	45.602	ug/l	95
65) Chlorobenzene	11.771	112	1747090	49.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	651663	52.285	ug/l	99
67) Ethyl Benzene	11.843	91	3290450	51.154	ug/l	95
68) m/p-Xylenes	11.953	106	2391638	102.116	ug/l	92
69) o-Xylene	12.280	106	1203588	51.019	ug/l	92
70) Styrene	12.294	104	1963704	52.494	ug/l	96
71) Bromoform	12.457	173	487568	45.970	ug/l #	100
73) Isopropylbenzene	12.578	105	3171660	48.370	ug/l	98
74) N-amyl acetate	12.388	43	1399902	48.276	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1029793	45.417	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	1003624m	47.487	ug/l	
77) Bromobenzene	12.860	156	726078	47.143	ug/l	79
78) n-propylbenzene	12.919	91	3608324	49.453	ug/l	96
79) 2-Chlorotoluene	13.007	91	2217206	48.091	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2600809	49.280	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	283761	44.434	ug/l	94
82) 4-Chlorotoluene	13.104	91	2101599	48.471	ug/l	92
83) tert-Butylbenzene	13.324	119	2244044	48.020	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2533293	50.402	ug/l	98
85) sec-Butylbenzene	13.501	105	3108295	49.036	ug/l	98
86) p-Isopropyltoluene	13.616	119	2490018	50.255	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1204590	47.608	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1153767	46.401	ug/l	97
89) n-Butylbenzene	13.940	91	1995984	49.661	ug/l	98
90) Hexachloroethane	14.211	117	447875	51.486	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1171787	47.531	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	178366	43.533	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	505304	42.263	ug/l	98
94) Hexachlorobutadiene	15.370	225	309109	47.310	ug/l	98
95) Naphthalene	15.504	128	1300082	37.205	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	488133	41.841	ug/l	99

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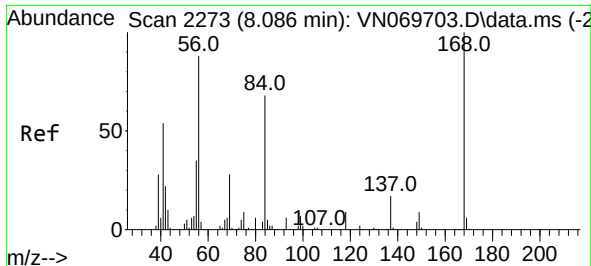
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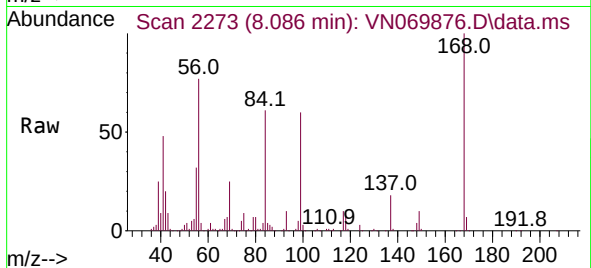
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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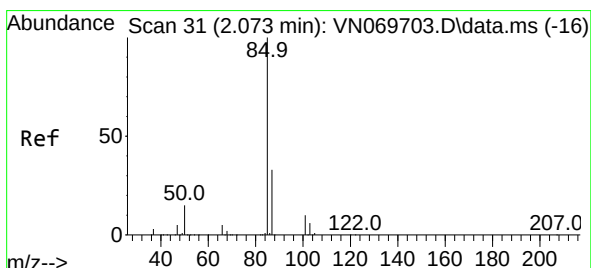
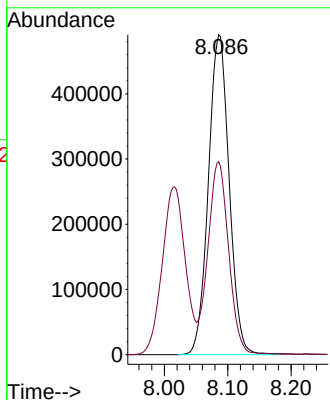
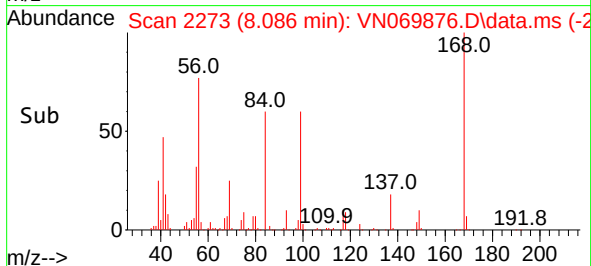
Instrument :
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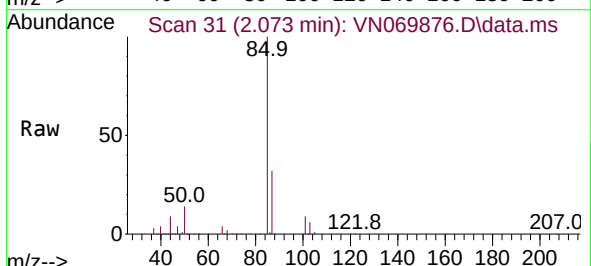
Tgt Ion:168 Resp: 111685
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

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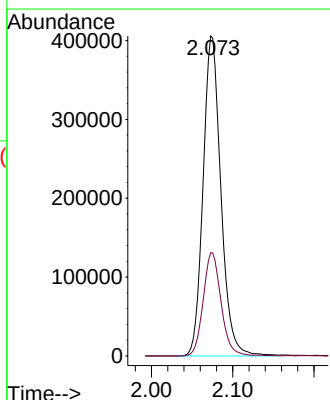
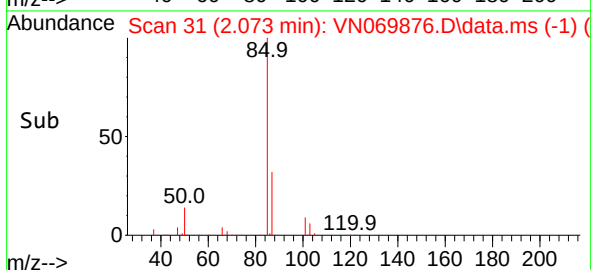
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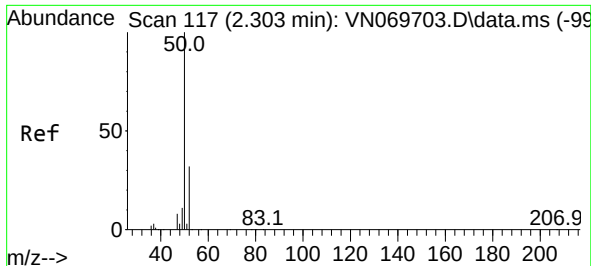


#2
Dichlorodifluoromethane
Concen: 47.456 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



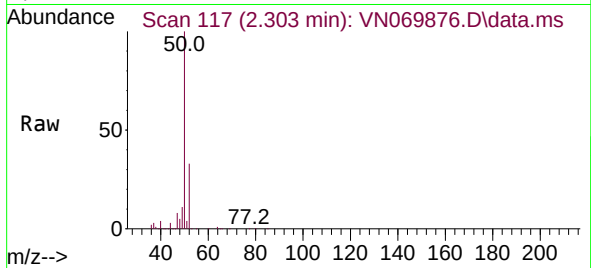
Tgt Ion: 85 Resp: 618183
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 45.890 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

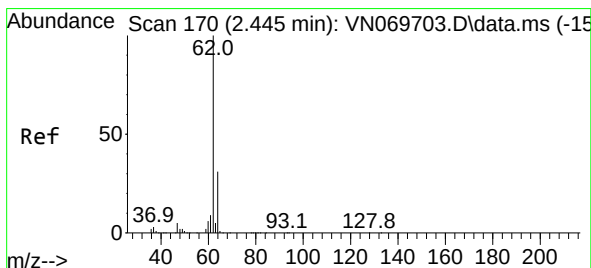
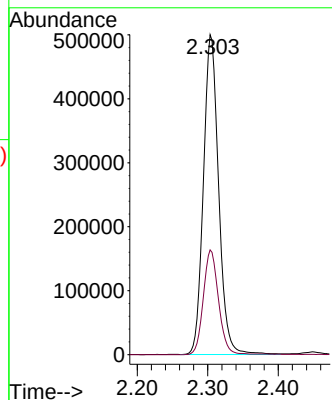
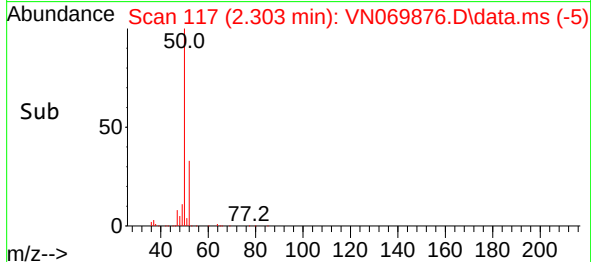
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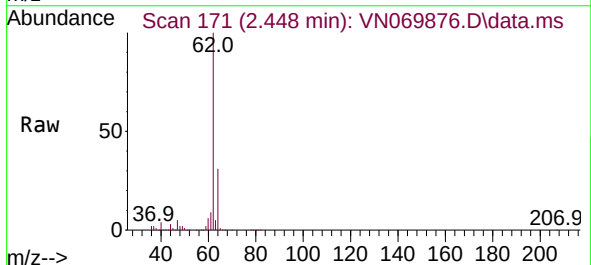
Tgt Ion: 50 Resp: 748900
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.0

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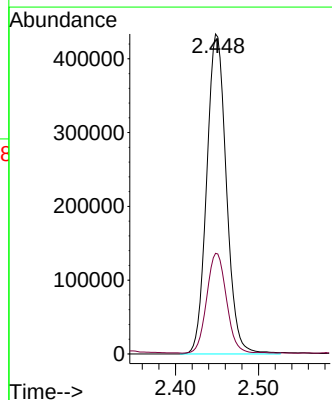
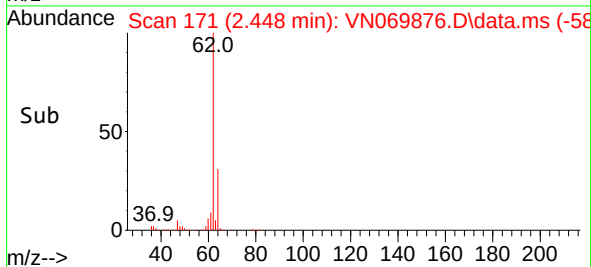
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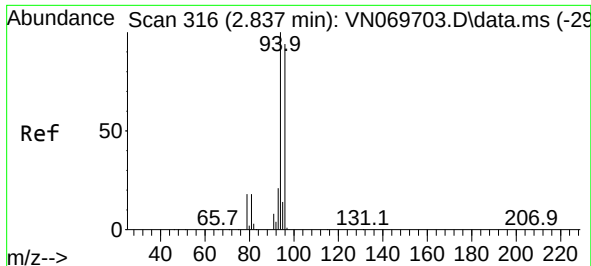


#4
Vinyl Chloride
Concen: 47.459 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069876.D
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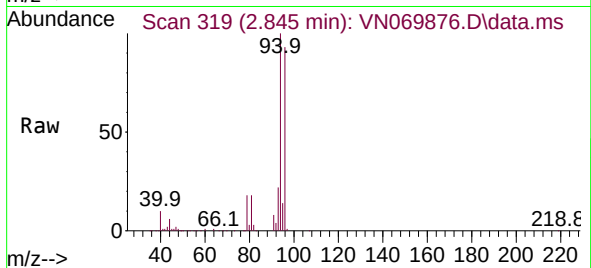
Tgt Ion: 62 Resp: 712173
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 47.690 ug/l
RT: 2.845 min Scan# 316
Delta R.T. 0.008 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

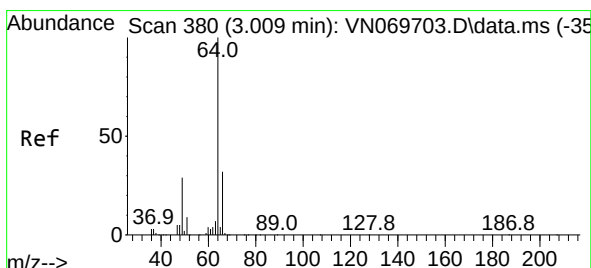
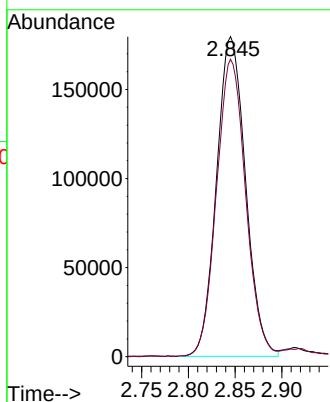
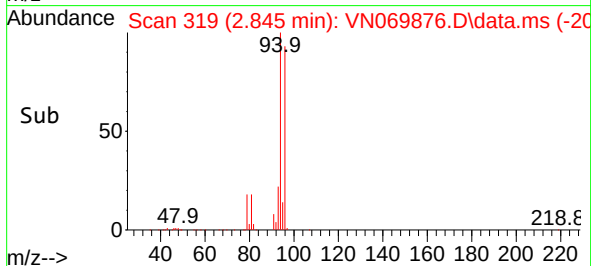
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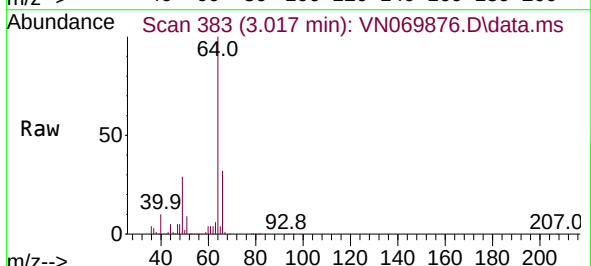
Tgt Ion: 94 Resp: 38879
Ion Ratio Lower Upper
94 100
96 92.9 73.8 110.8

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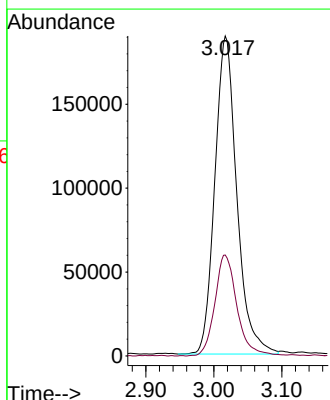
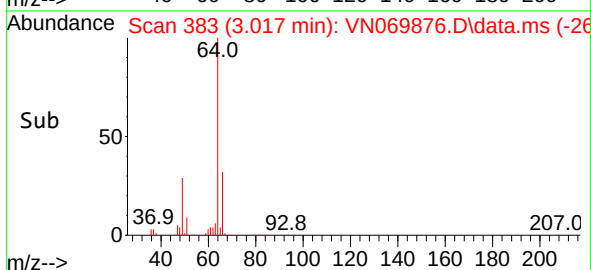
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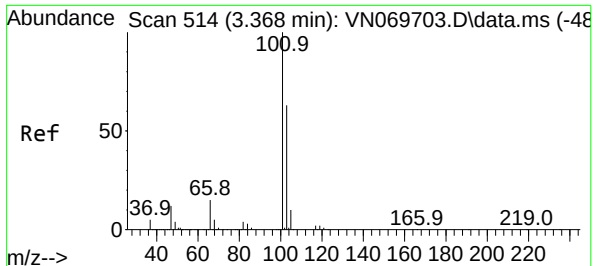


#6
Chloroethane
Concen: 46.296 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN069876.D
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Tgt Ion: 64 Resp: 425711
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





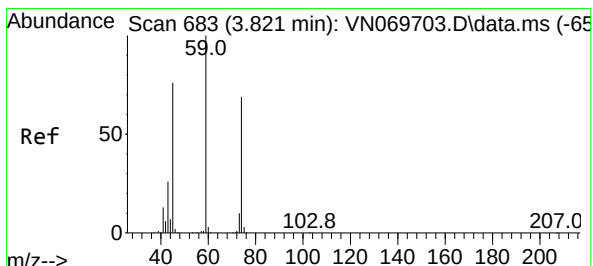
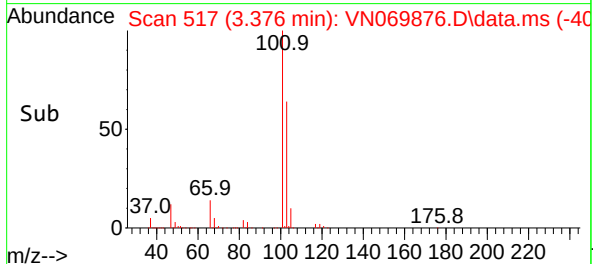
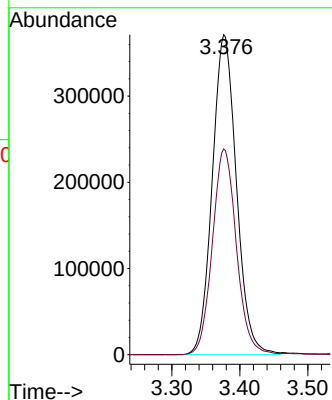
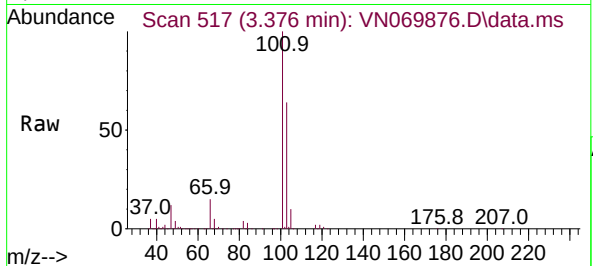
#7
Trichlorofluoromethane
Concen: 46.637 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
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Tgt Ion:101 Resp: 918508
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

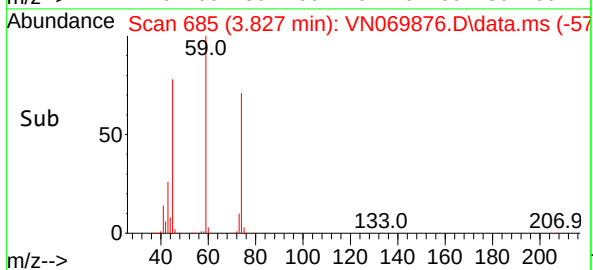
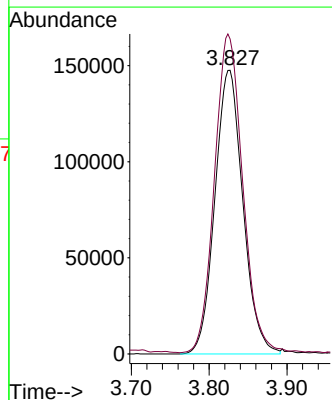
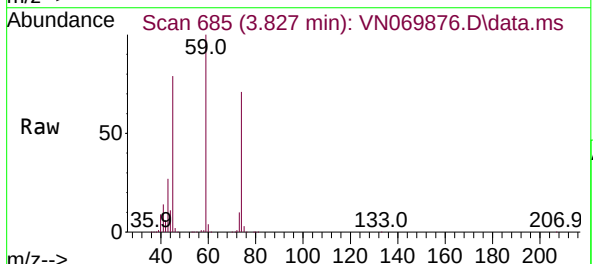
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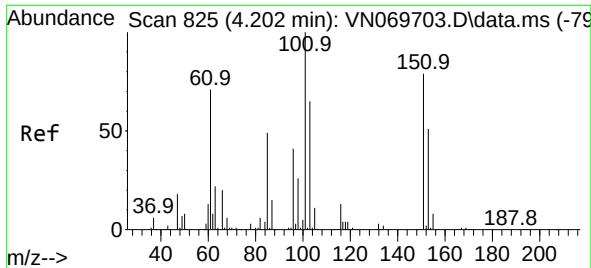
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#8
Diethyl Ether
Concen: 48.647 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 369002
Ion Ratio Lower Upper
74 100
45 112.7 47.0 141.2





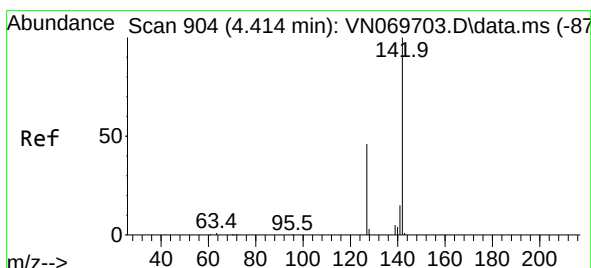
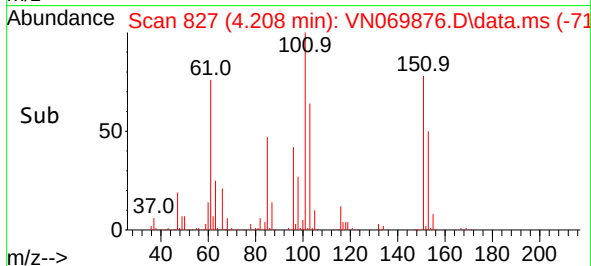
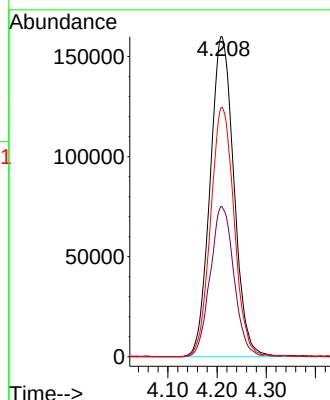
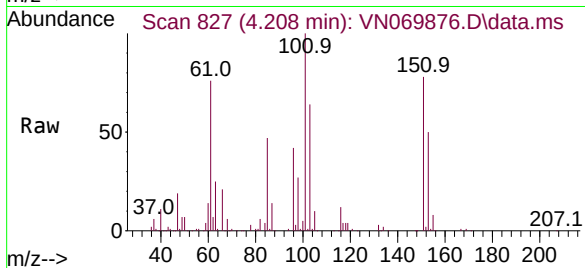
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.715 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 537810
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 76.9 65.9 98.9

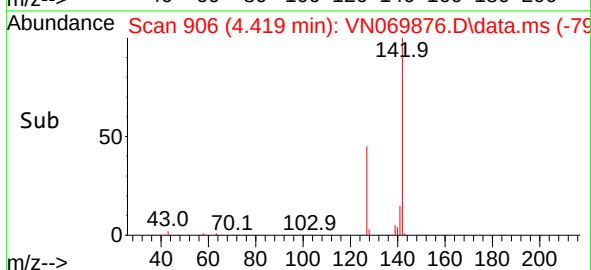
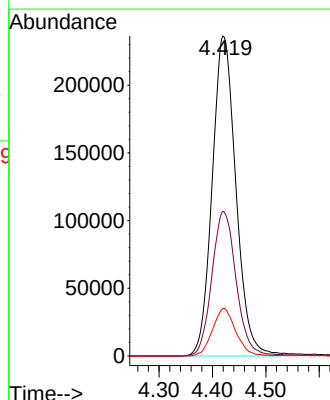
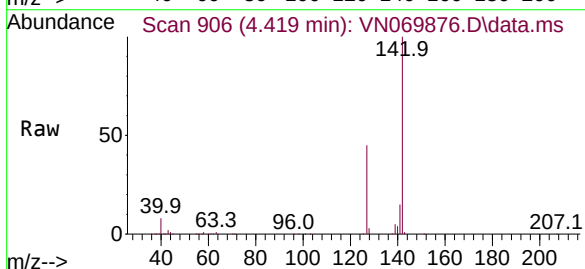
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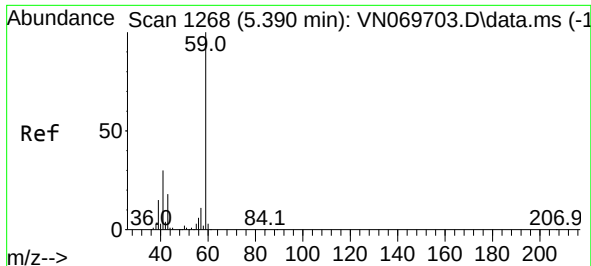
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#10
Methyl Iodide
Concen: 48.373 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

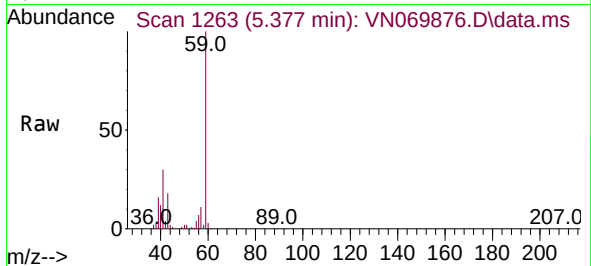
Tgt Ion:142 Resp: 729564
Ion Ratio Lower Upper
142 100
127 46.2 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 196.209 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

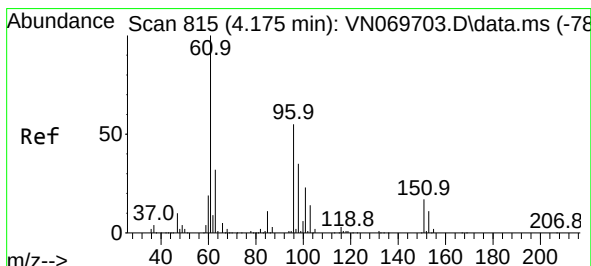
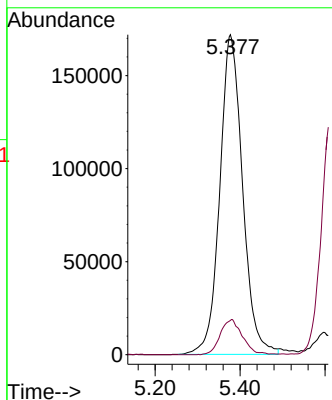
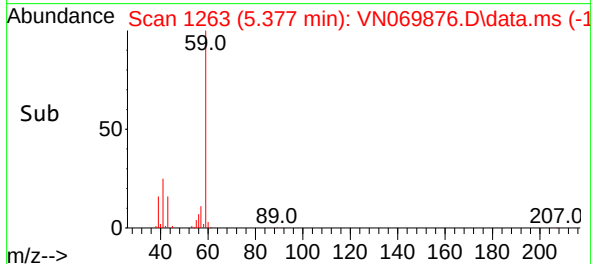
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



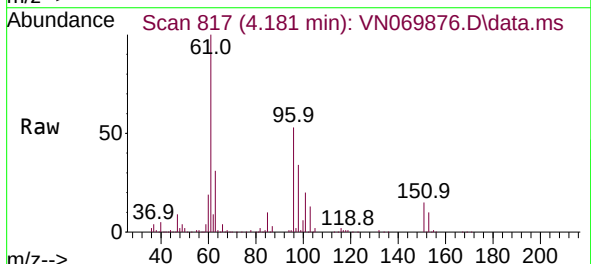
Tgt Ion: 59 Resp: 639558
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
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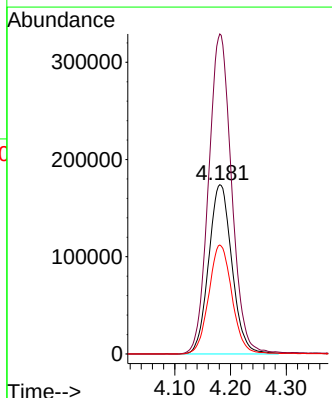
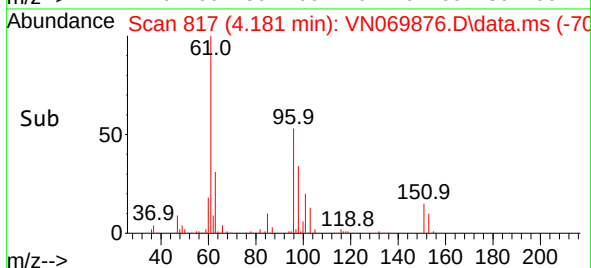
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

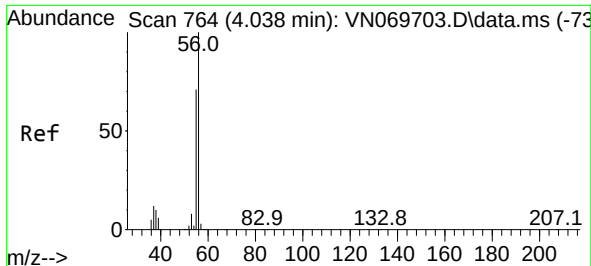


#12
1,1-Dichloroethene
Concen: 47.501 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



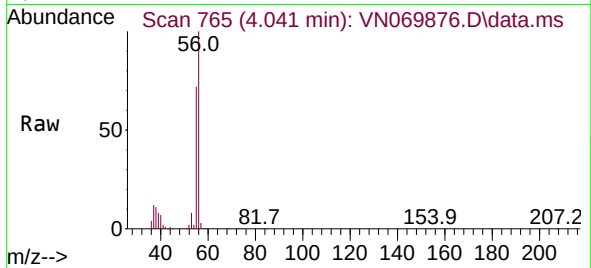
Tgt Ion: 96 Resp: 505341
Ion Ratio Lower Upper
96 100
61 189.1 131.0 196.6
98 64.4 52.4 78.6





#13
Acrolein
Concen: 272.989 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

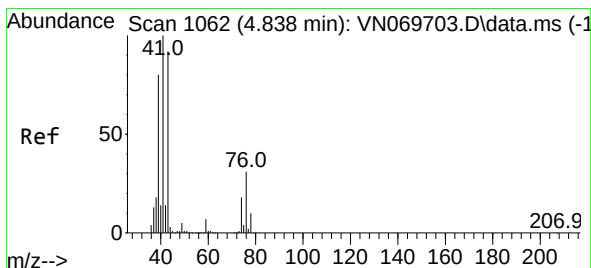
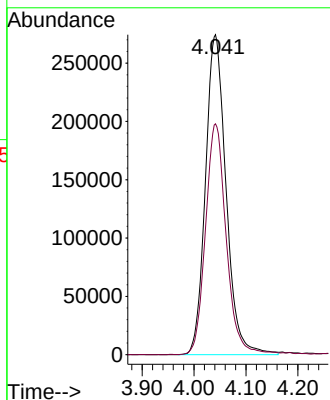
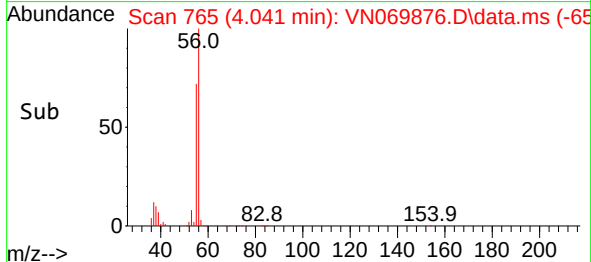
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



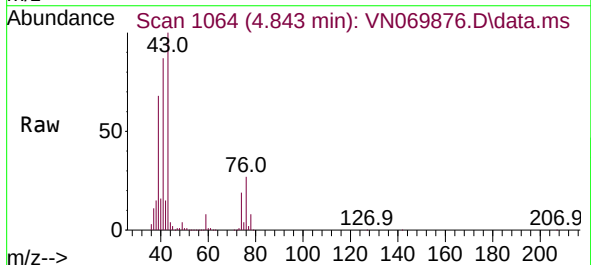
Tgt Ion: 56 Resp: 75777
Ion Ratio Lower Upper
56 100
55 72.3 56.6 85.0

Manual Integrations
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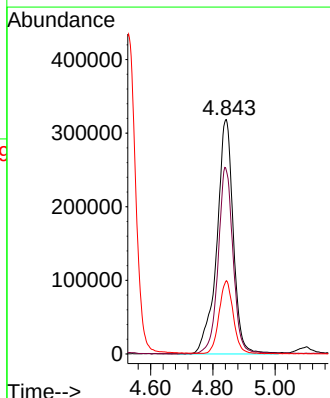
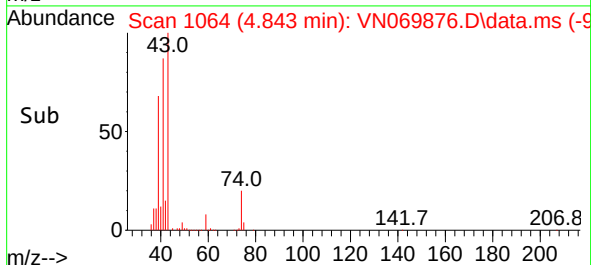
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

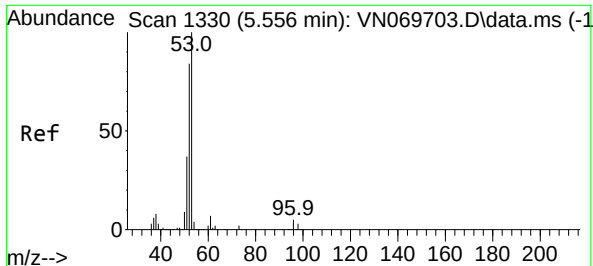


#14
Allyl chloride
Concen: 48.890 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



Tgt Ion: 41 Resp: 1172002
Ion Ratio Lower Upper
41 100
39 71.5 61.2 91.8
76 26.2 26.0 39.0





#15

Acrylonitrile

Concen: 223.295 ug/l

RT: 5.554 min Scan# 11

Delta R.T. -0.002 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 1961294

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.2

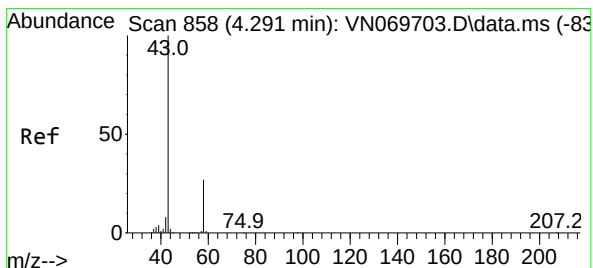
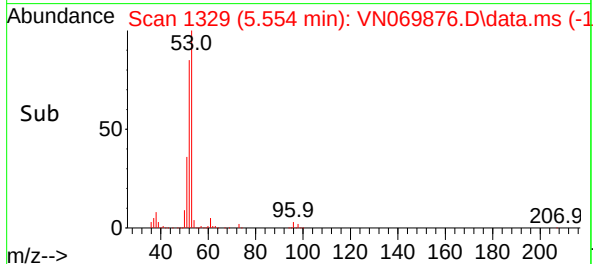
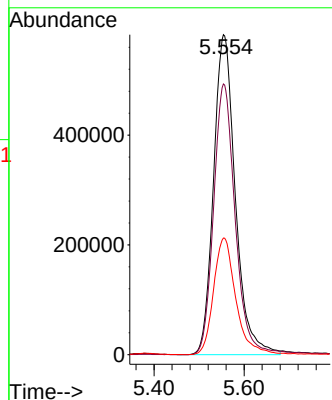
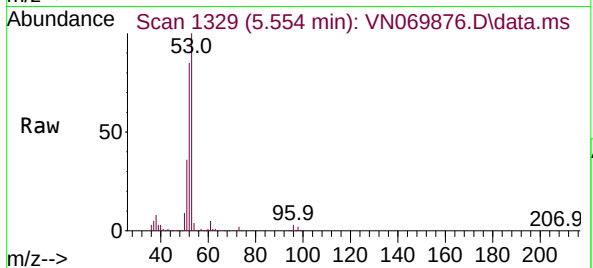
51 37.2 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#16

Acetone

Concen: 182.322 ug/l

RT: 4.288 min Scan# 857

Delta R.T. -0.002 min

Lab File: VN069876.D

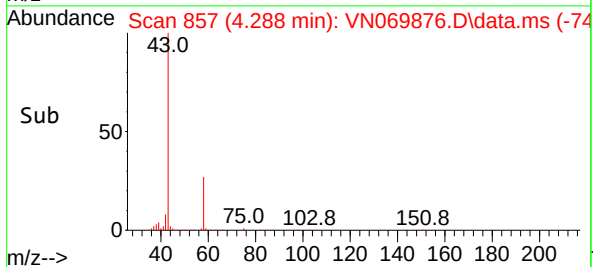
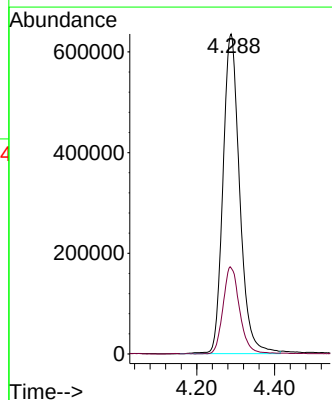
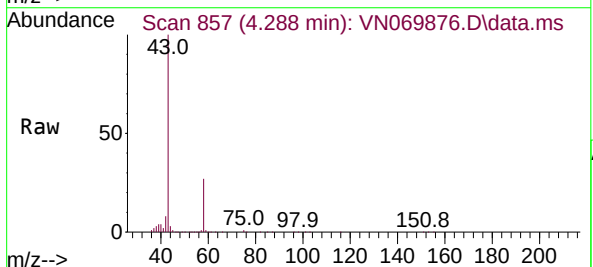
Acq: 8 Dec 2021 21:35

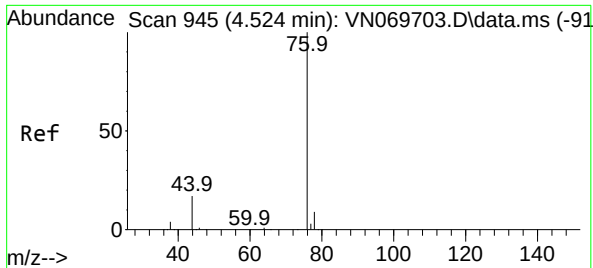
Tgt Ion: 43 Resp: 1891262

Ion Ratio Lower Upper

43 100

58 26.9 23.1 34.7





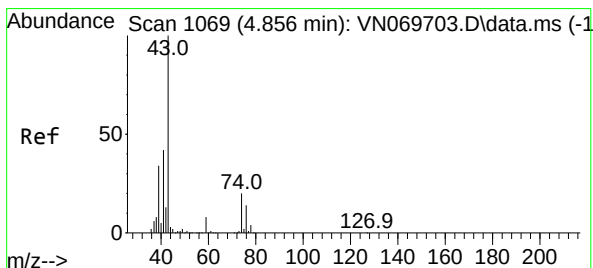
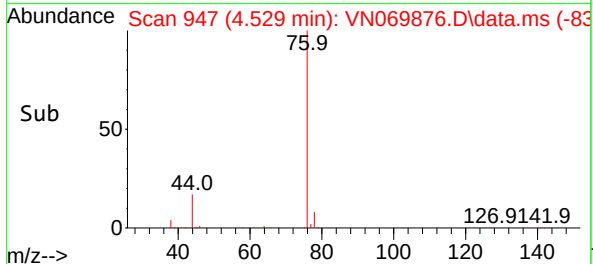
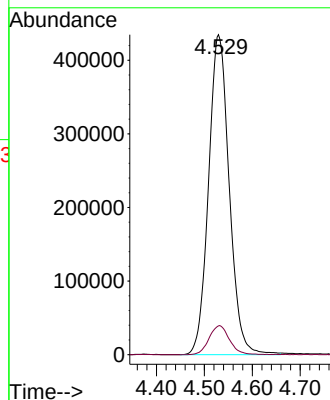
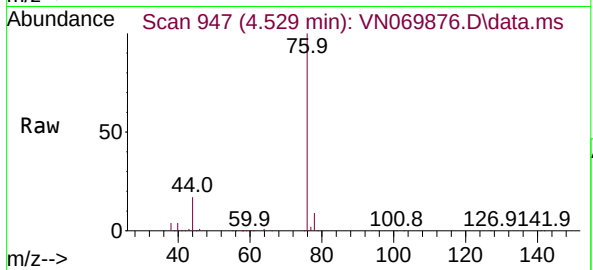
#17
Carbon Disulfide
Concen: 47.407 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 130296
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

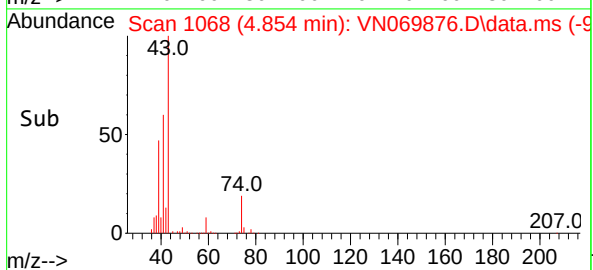
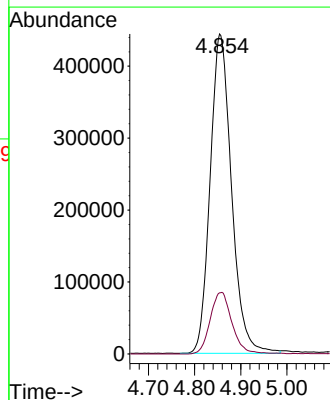
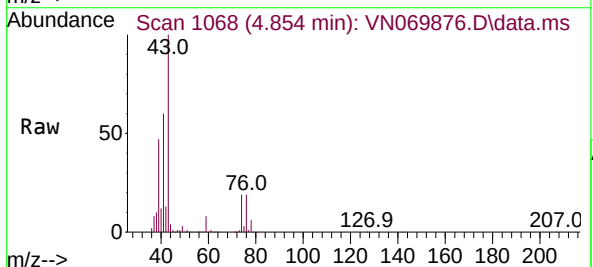
Manual Integrations
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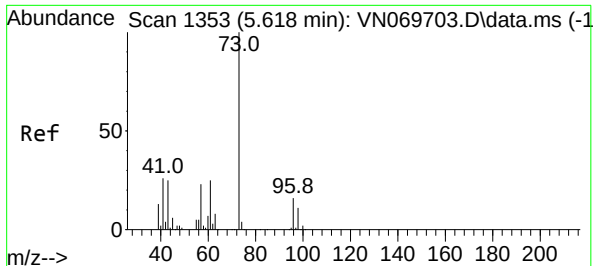
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#18
Methyl Acetate
Concen: 45.666 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

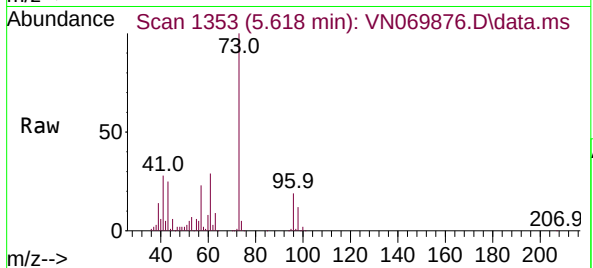
Tgt Ion: 43 Resp: 1429829
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 49.016 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

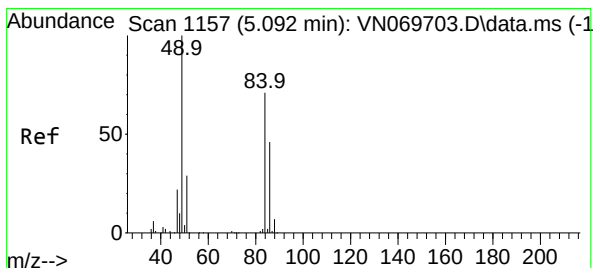
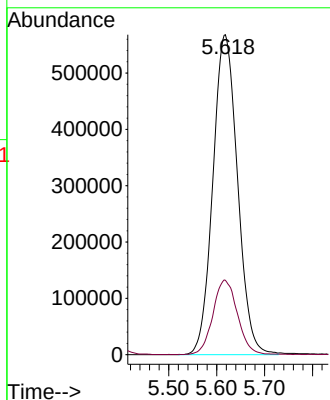
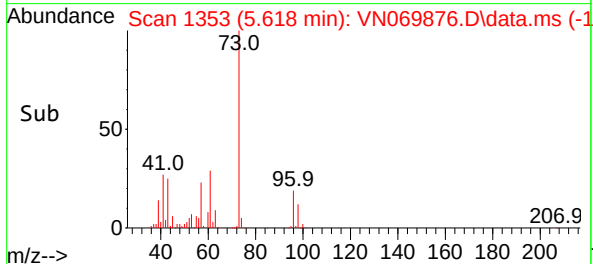
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 202756
Ion Ratio Lower Upper
73 100
57 23.2 16.8 25.2

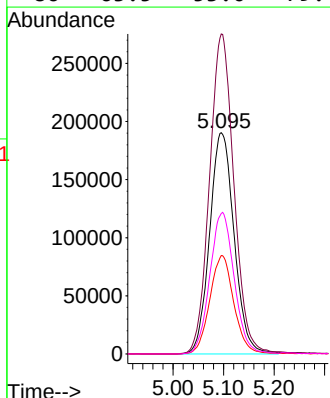
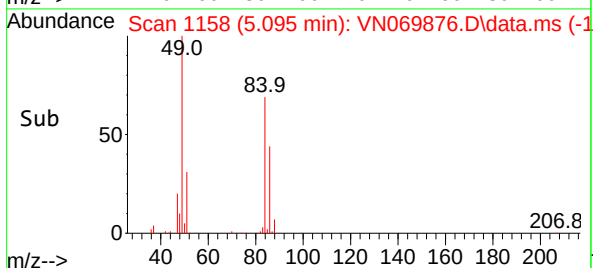
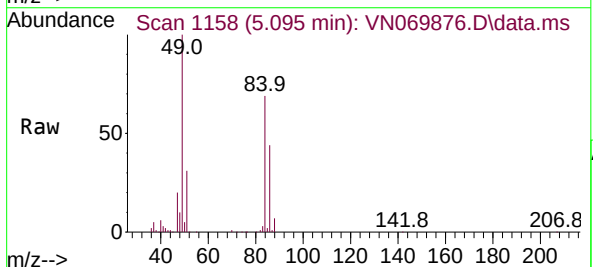
Manual Integrations
APPROVED

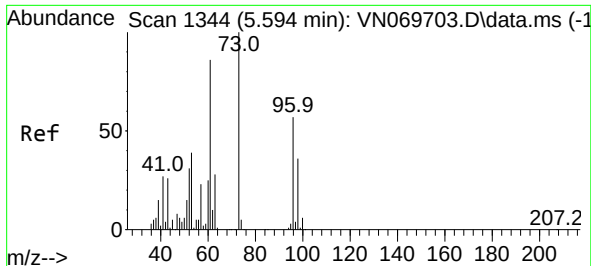
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#20
Methylene Chloride
Concen: 46.558 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

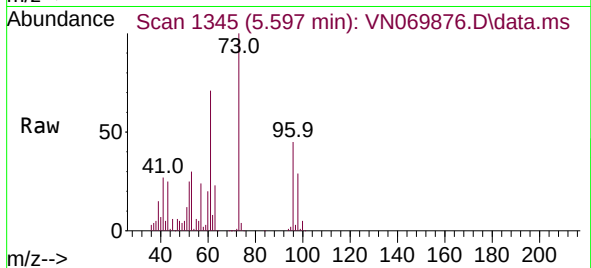
Tgt Ion: 84 Resp: 642029
Ion Ratio Lower Upper
84 100
49 144.6 93.5 140.3#
51 44.5 29.4 44.2#
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 47.060 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

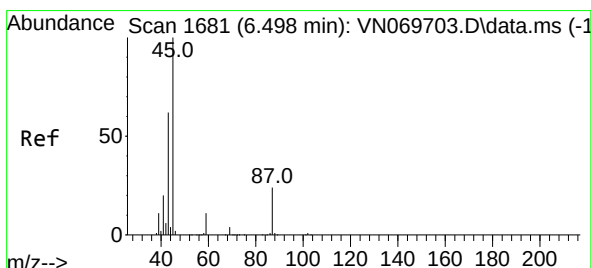
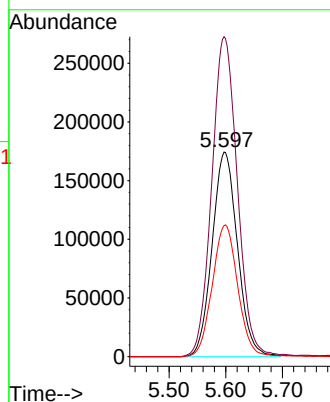
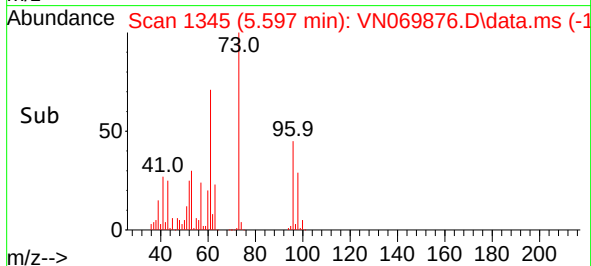
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 54378
Ion Ratio Lower Upper
96 100
61 156.3 105.8 158.6
98 64.0 52.0 78.0

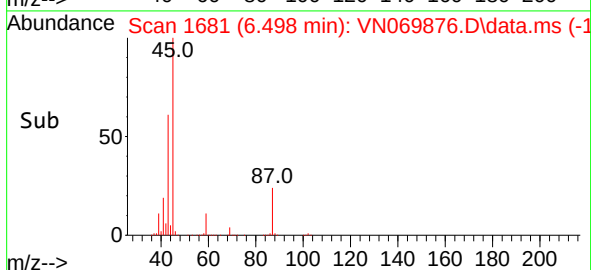
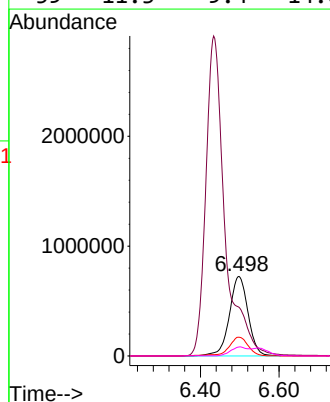
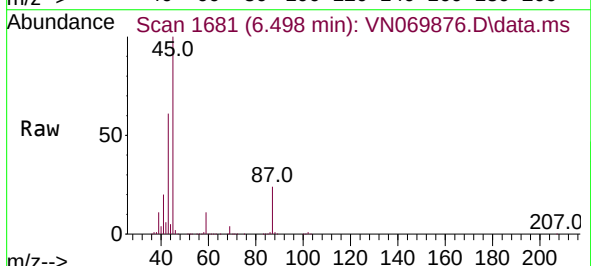
Manual Integrations
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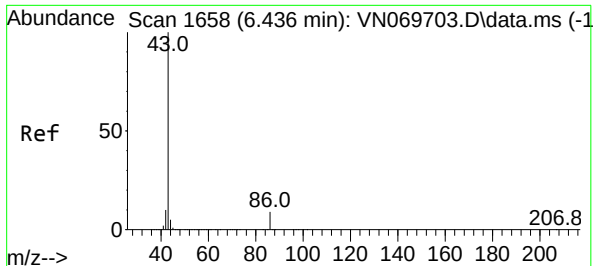
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#22
Diisopropyl ether
Concen: 51.052 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Tgt Ion: 45 Resp: 2392053
Ion Ratio Lower Upper
45 100
43 61.2 51.7 77.5
87 23.5 23.2 34.8
59 11.3 9.4 14.0





#23

Vinyl Acetate

Concen: 257.610 ug/l

RT: 6.434 min Scan# 1657

Delta R.T. -0.002 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9820010

Ion Ratio Lower Upper

43 100

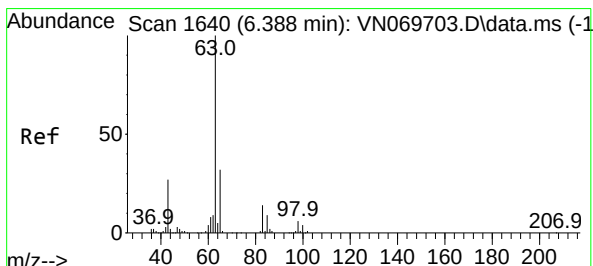
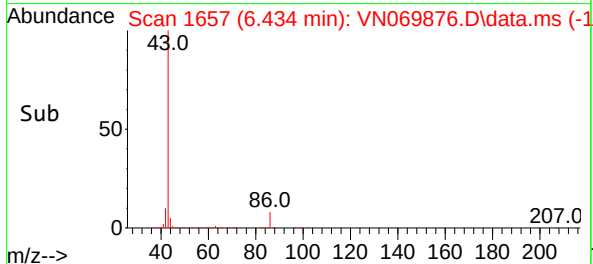
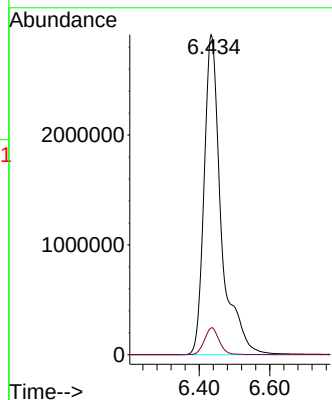
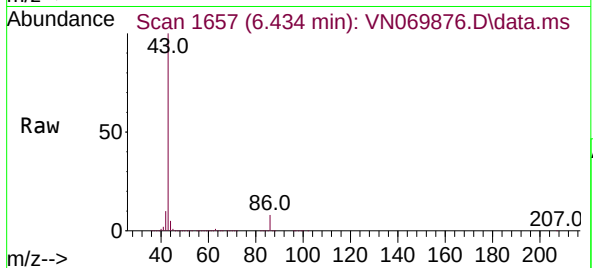
86 8.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#24

1,1-Dichloroethane

Concen: 49.770 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. -0.002 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

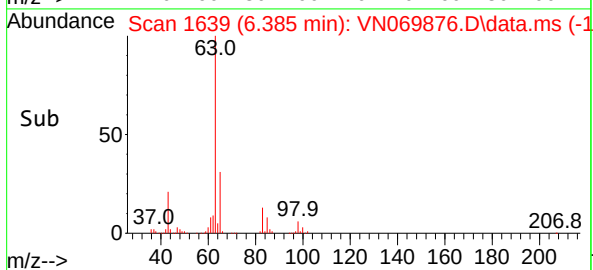
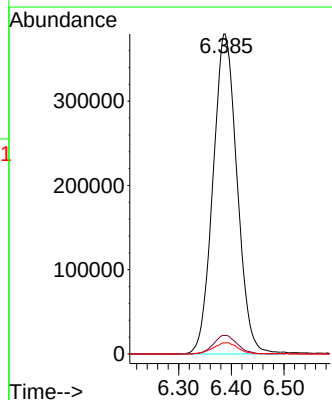
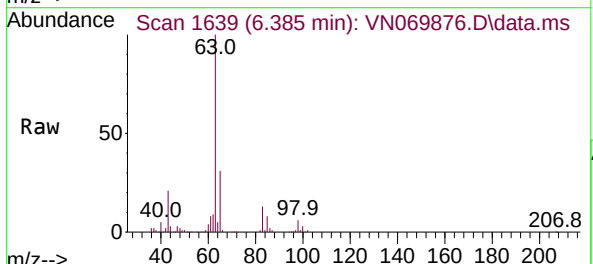
Tgt Ion: 63 Resp: 1207996

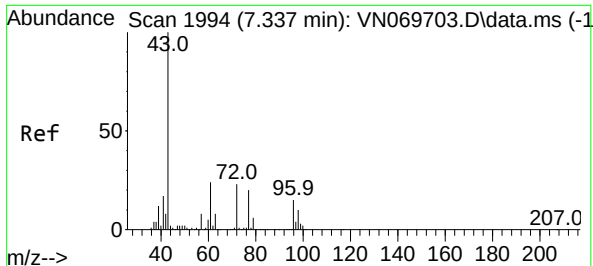
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.9

100 3.5 2.1 6.5





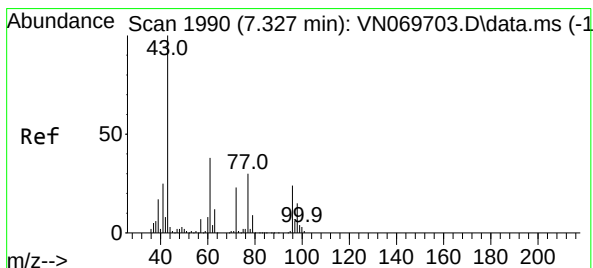
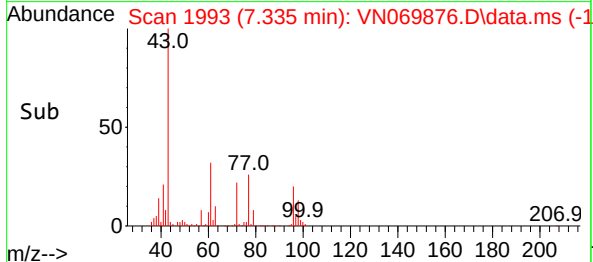
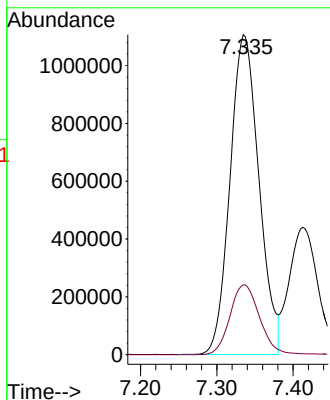
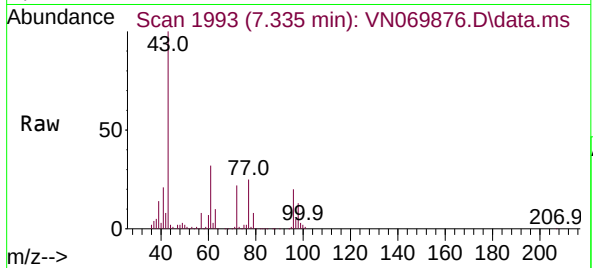
#25
2-Butanone
Concen: 206.894 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 291599
Ion Ratio Lower Upper
43 100
72 21.8 21.7 32.5

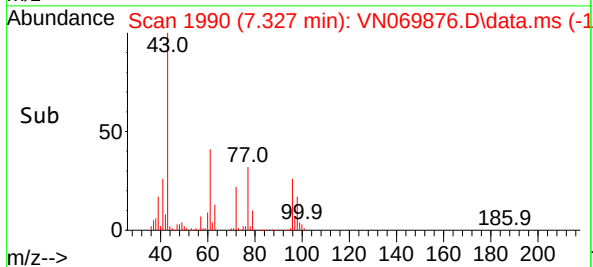
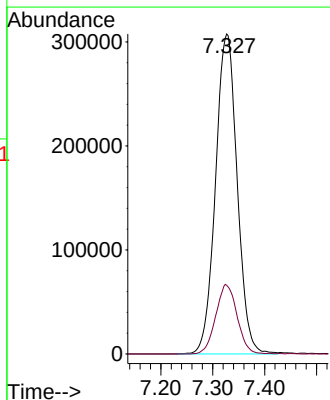
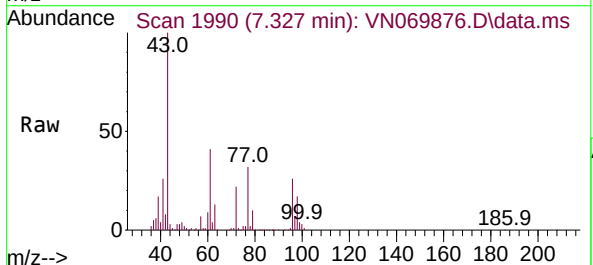
Manual Integrations
APPROVED

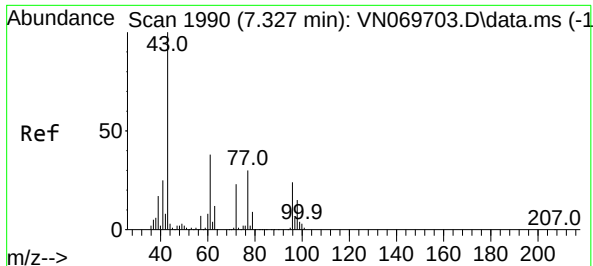
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#26
2,2-Dichloropropane
Concen: 47.274 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

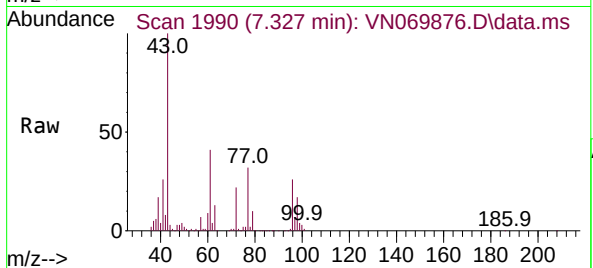
Tgt Ion: 77 Resp: 892122
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 48.297 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069876.D
 Acq: 8 Dec 2021 21:35

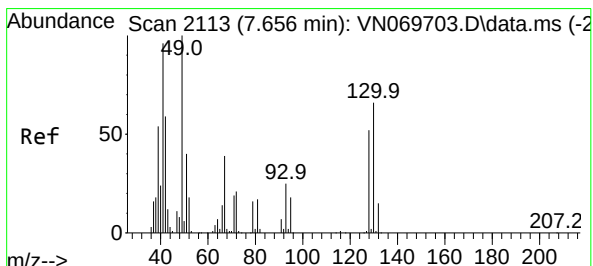
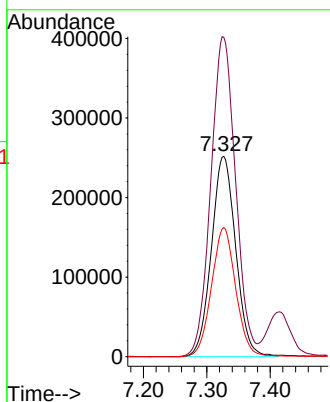
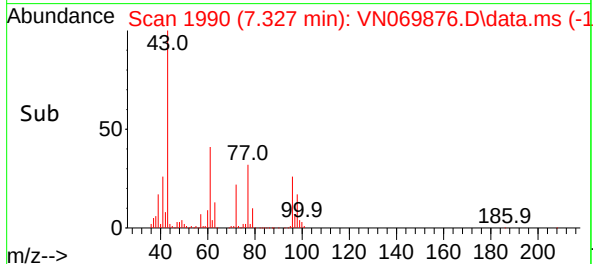
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 67425
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 275.0
 98 64.1 0.0 129.6

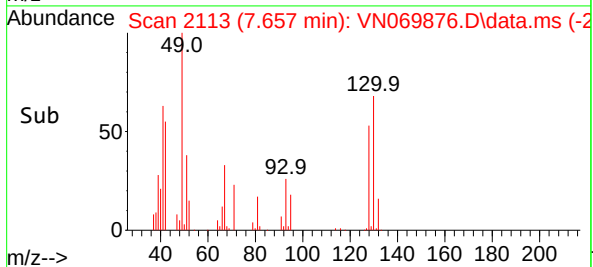
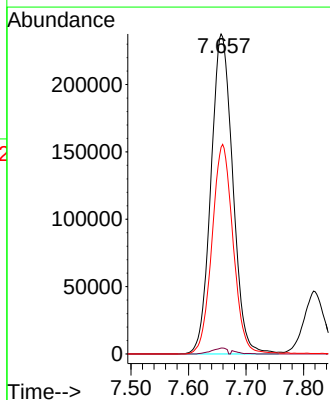
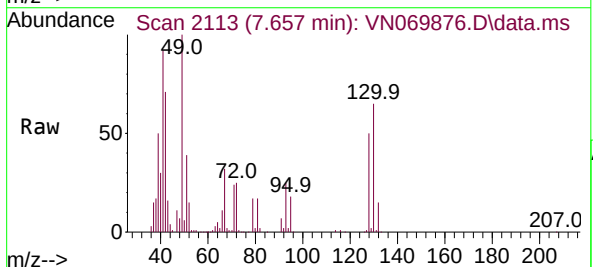
Manual Integrations
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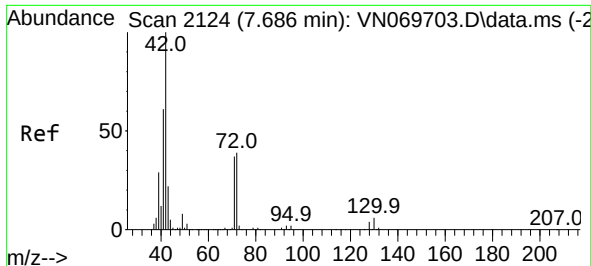
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#28
 Bromochloromethane
 Concen: 49.582 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069876.D
 Acq: 8 Dec 2021 21:35

Tgt Ion: 49 Resp: 625803
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 63.4 67.8 101.8#





#29

Tetrahydrofuran

Concen: 221.814 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. -0.002 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 189835

Ion Ratio Lower Upper

42 100

72 37.0 36.3 54.5

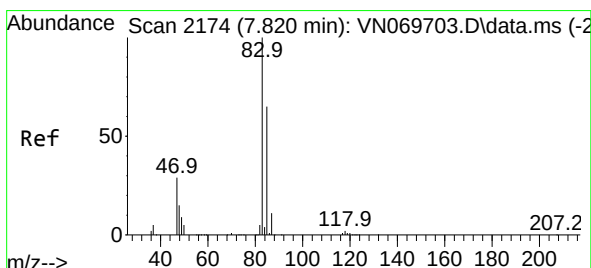
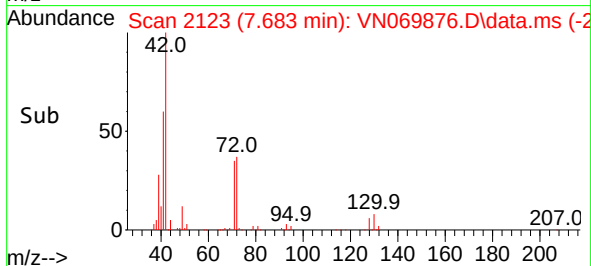
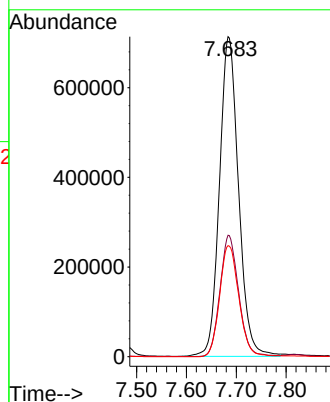
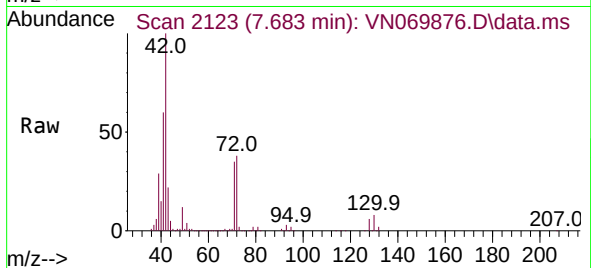
71 35.2 34.7 52.1

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#30

Chloroform

Concen: 49.144 ug/l

RT: 7.818 min Scan# 2173

Delta R.T. -0.002 min

Lab File: VN069876.D

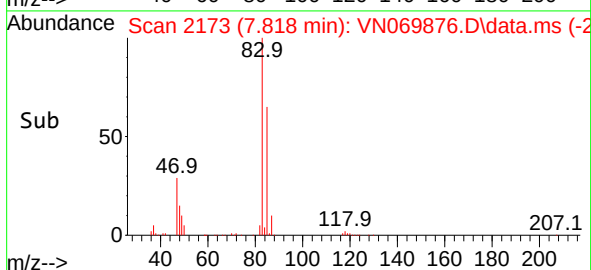
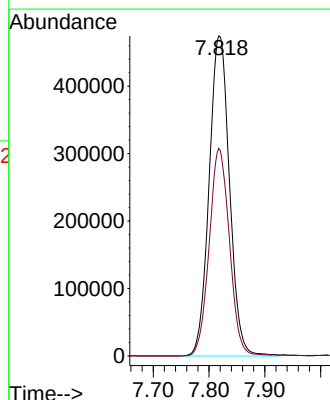
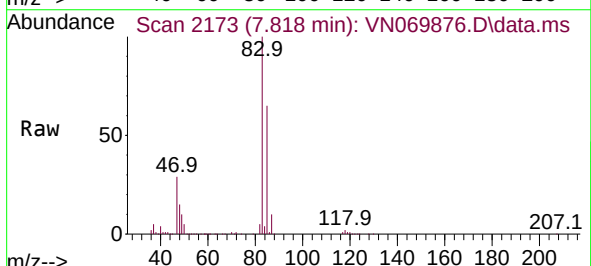
Acq: 8 Dec 2021 21:35

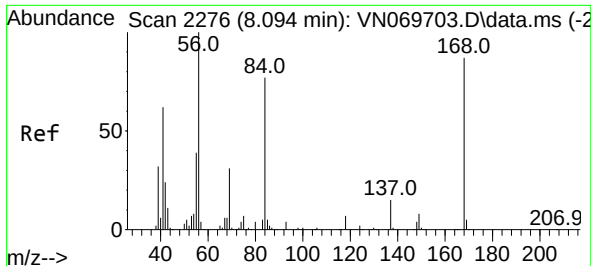
Tgt Ion: 83 Resp: 1204665

Ion Ratio Lower Upper

83 100

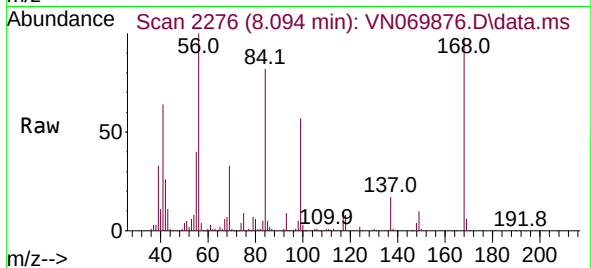
85 64.8 51.9 77.9





#31
Cyclohexane
Concen: 46.682 ug/l
RT: 8.094 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

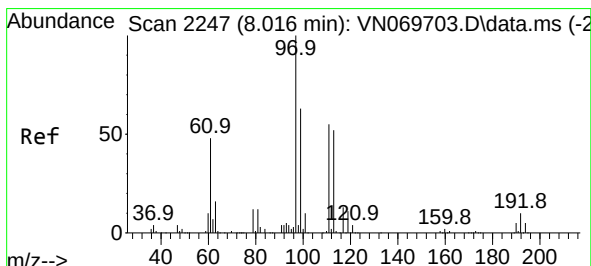
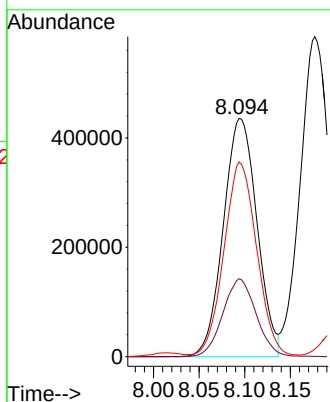
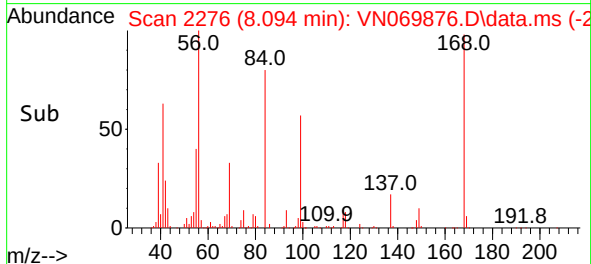
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



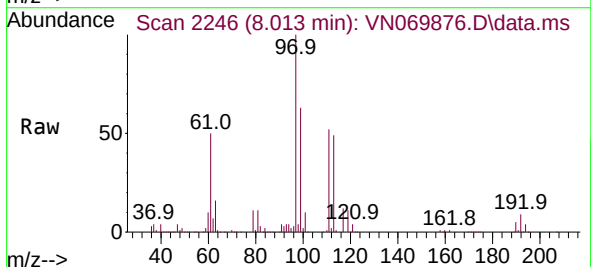
Tgt Ion: 56 Resp: 112027
Ion Ratio Lower Upper
56 100
69 32.7 27.1 40.7
84 80.5 73.4 110.0

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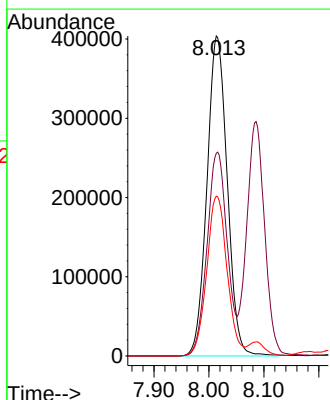
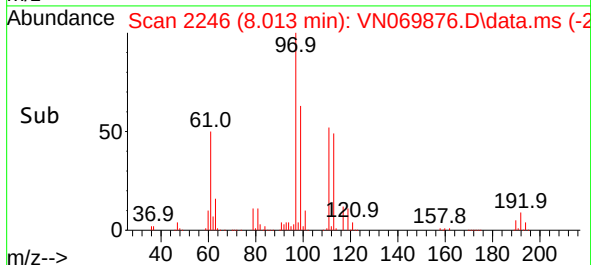
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

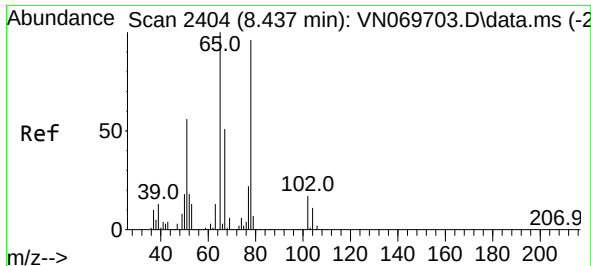


#32
1,1,1-Trichloroethane
Concen: 49.634 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



Tgt Ion: 97 Resp: 1036370
Ion Ratio Lower Upper
97 100
99 63.1 50.1 75.1
61 50.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.319 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 833224

Ion Ratio Lower Upper

65 100

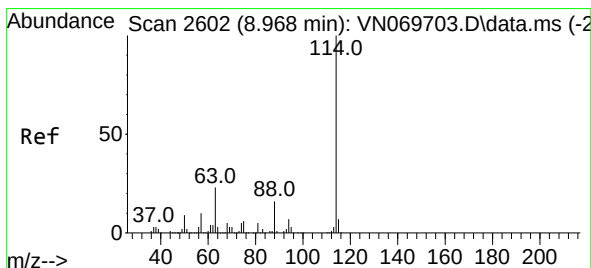
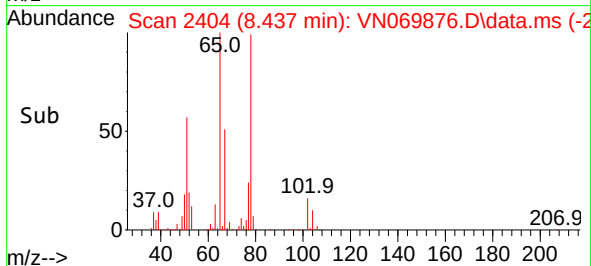
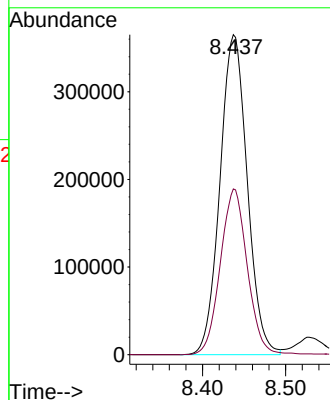
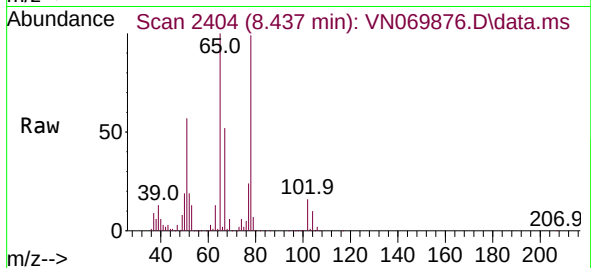
67 51.3 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

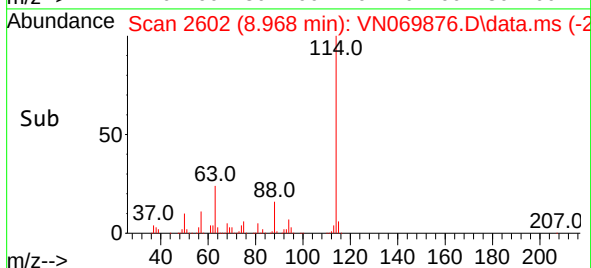
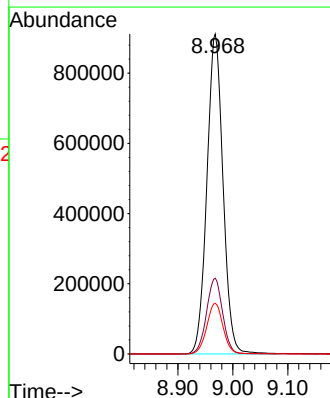
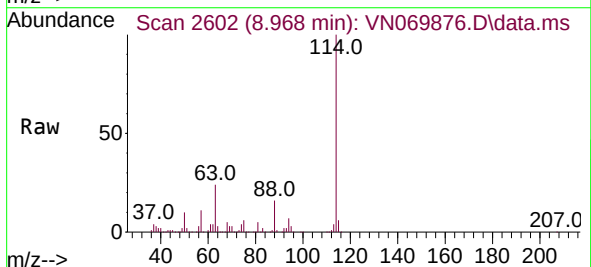
Tgt Ion:114 Resp: 1857339

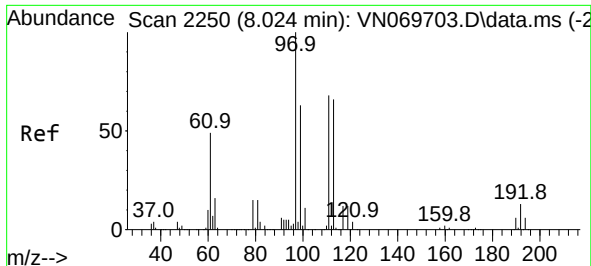
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

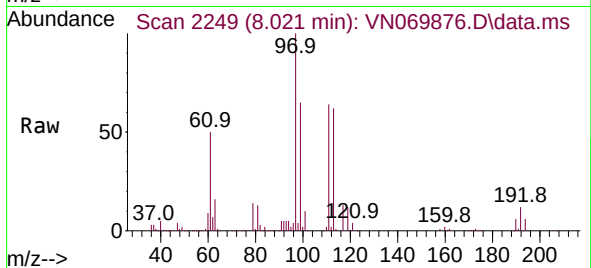
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.009 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

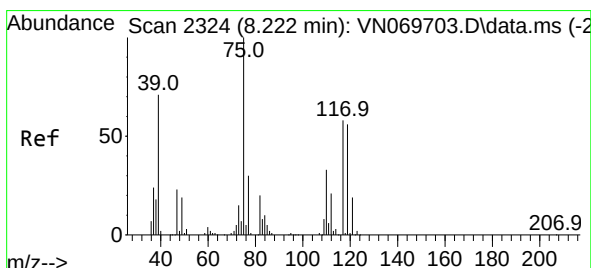
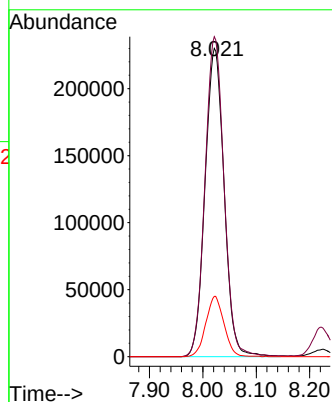
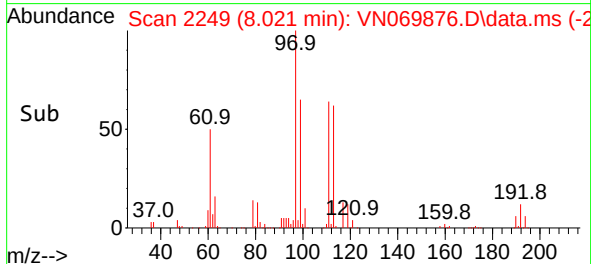
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 57017
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.7 16.9 25.3

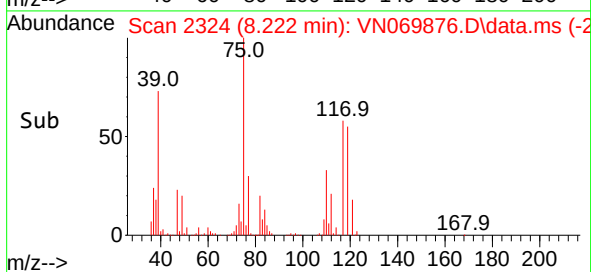
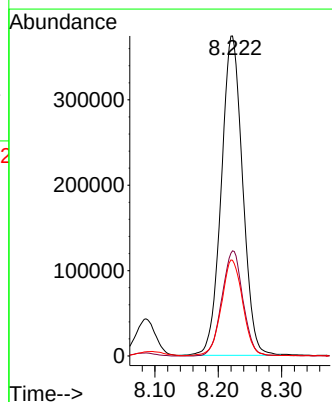
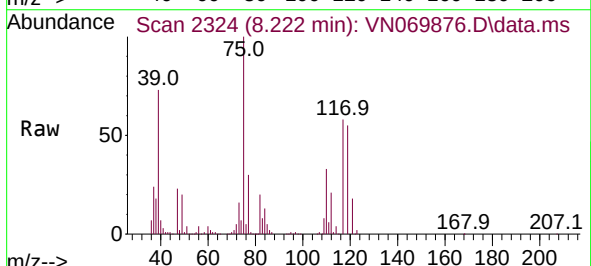
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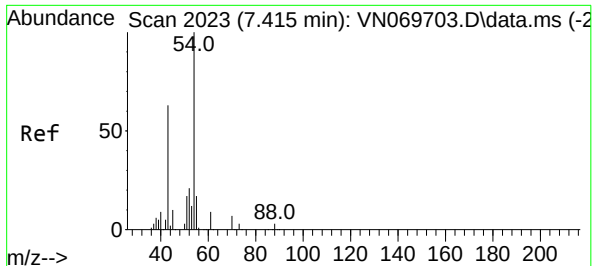
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#36
1,1-Dichloropropene
Concen: 49.460 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Tgt Ion: 75 Resp: 874517
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 30.0 24.4 36.6





#37

Ethyl Acetate

Concen: 44.016 ug/l

RT: 7.413 min Scan# 2023

Delta R.T. -0.002 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 115833

Ion Ratio Lower Upper

43 100

61 11.9 11.5 17.3

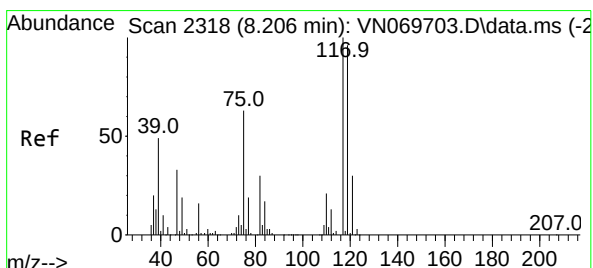
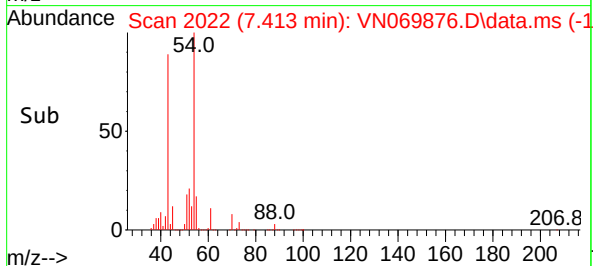
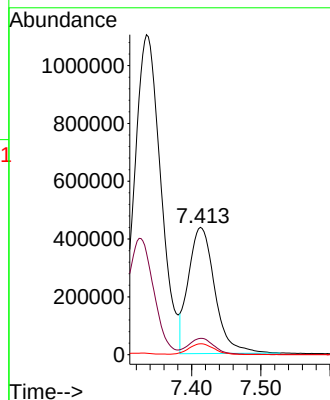
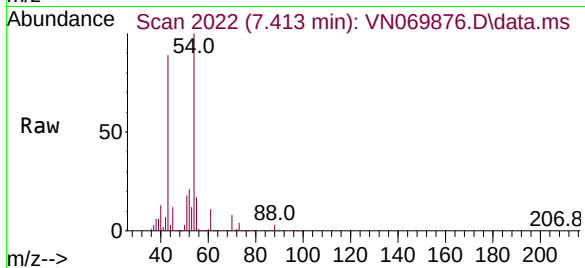
70 8.2 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#38

Carbon Tetrachloride

Concen: 50.276 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

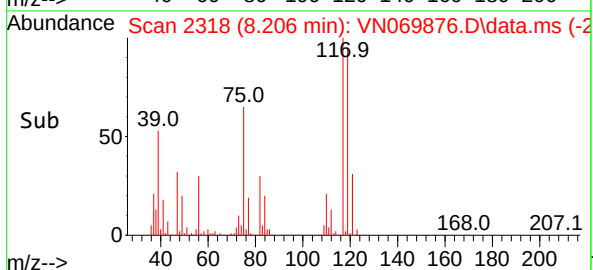
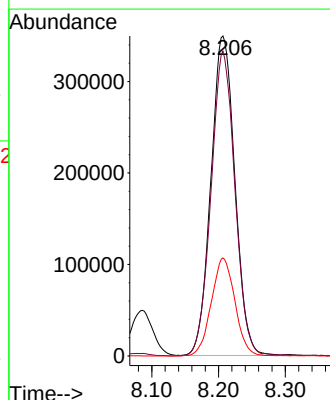
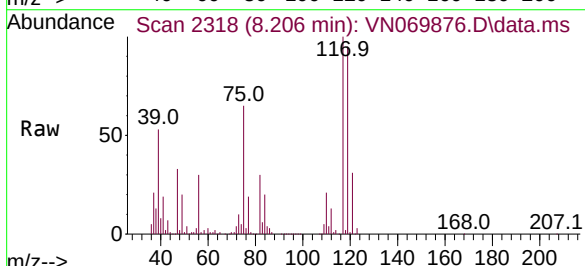
Tgt Ion:117 Resp: 871714

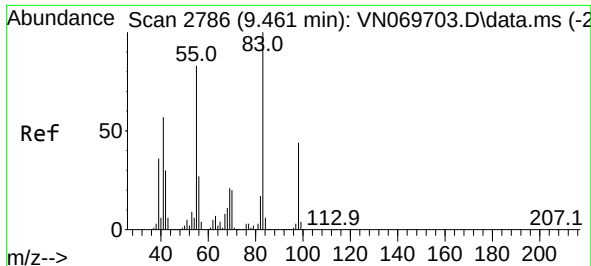
Ion Ratio Lower Upper

117 100

119 95.3 76.1 114.1

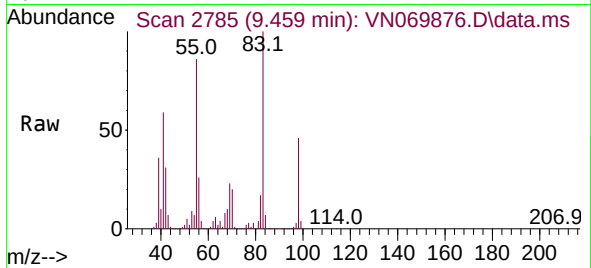
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 49.196 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

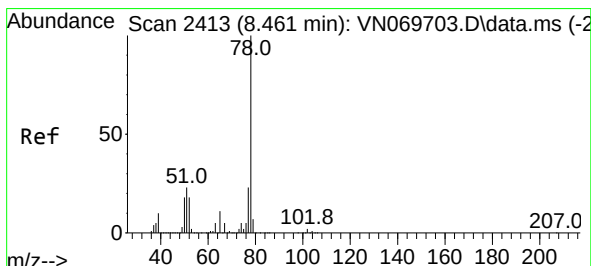
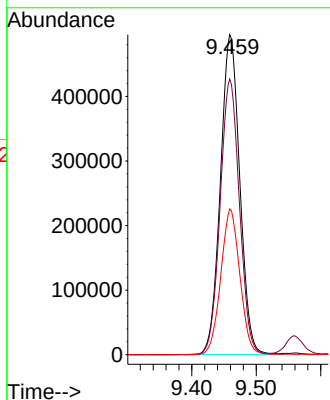
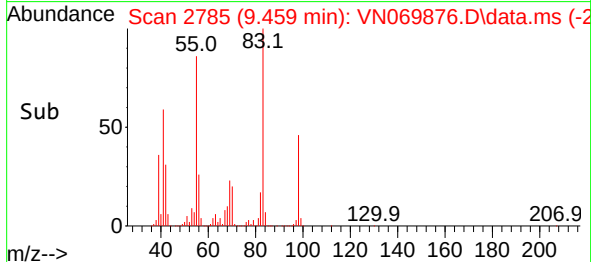
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



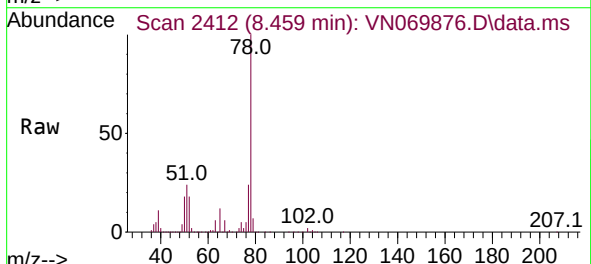
Tgt Ion: 83 Resp: 1034669
Ion Ratio Lower Upper
83 100
55 86.1 58.1 87.1
98 45.6 38.4 57.6

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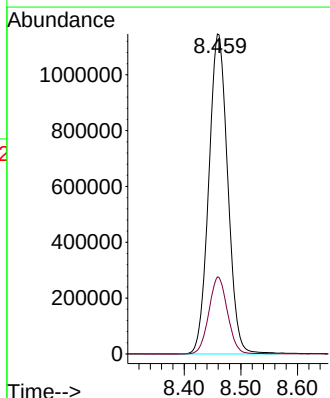
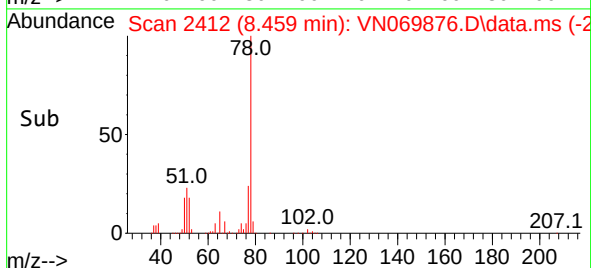
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

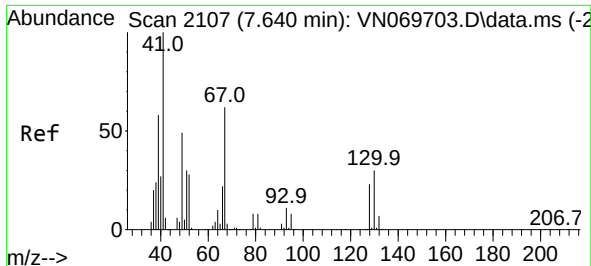


#40
Benzene
Concen: 49.295 ug/l
RT: 8.459 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



Tgt Ion: 78 Resp: 2664170
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8





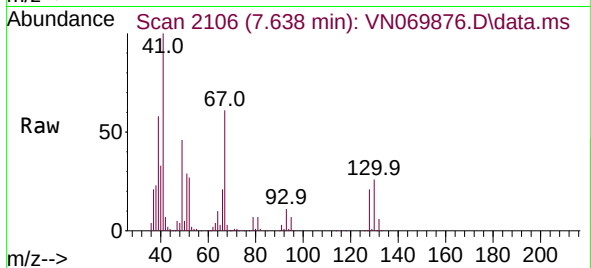
#41
Methacrylonitrile
Concen: 47.857 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



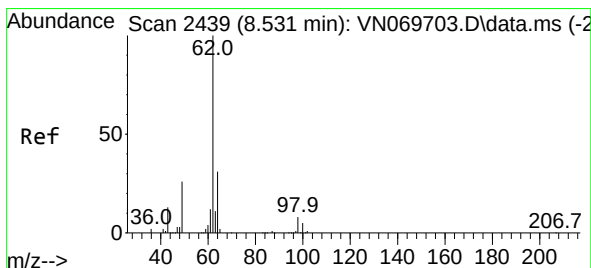
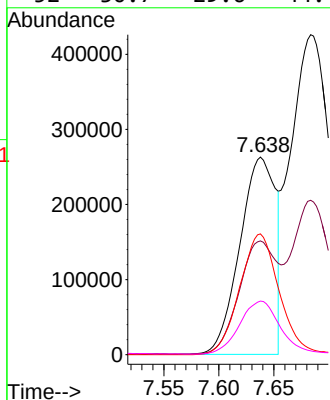
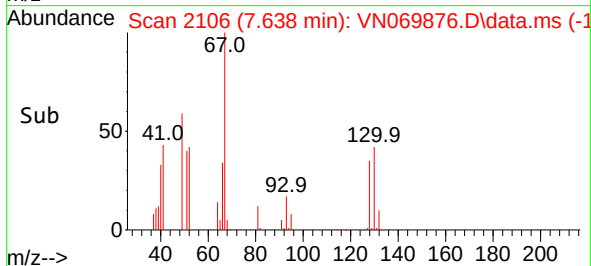
Tgt Ion: 41 Resp: 59121
Ion Ratio Lower Upper
41 100
39 61.3 48.1 72.1
67 68.6 68.3 102.5
52 30.7 29.6 44.4

Manual Integrations

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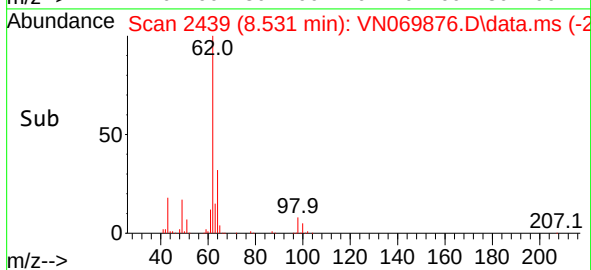
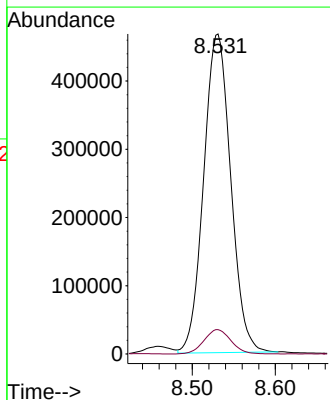
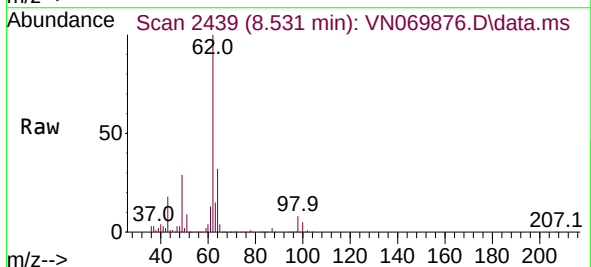
Reviewed By :John Carlone 12/10/2021

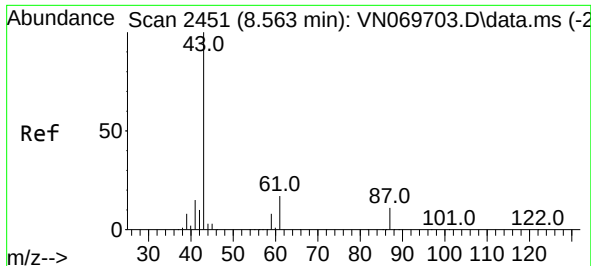
Supervised By :Mahesh Dadoda 12/15/2021



#42
1,2-Dichloroethane
Concen: 48.405 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Tgt Ion: 62 Resp: 1056034
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





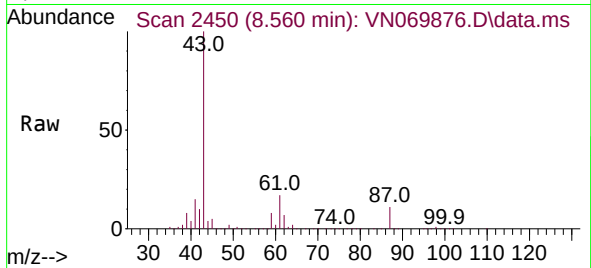
#43
Isopropyl Acetate
Concen: 51.565 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



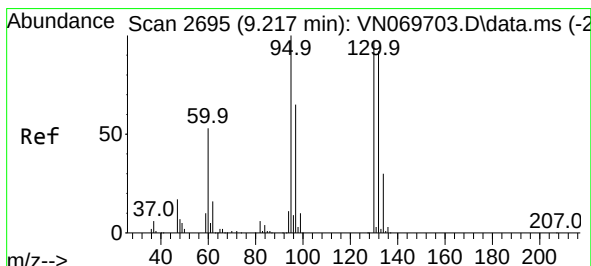
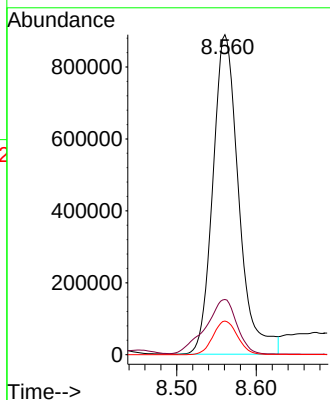
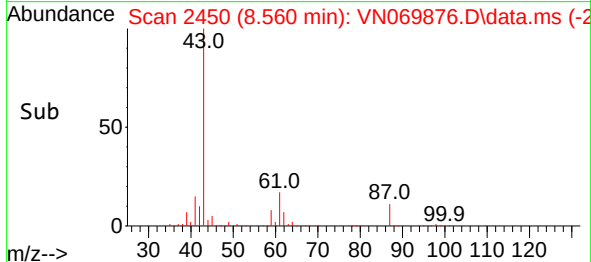
Tgt Ion: 43 Resp: 2008150
Ion Ratio Lower Upper
43 100
61 20.9 20.4 30.6
87 10.0 11.2 16.8

Manual Integrations

APPROVED

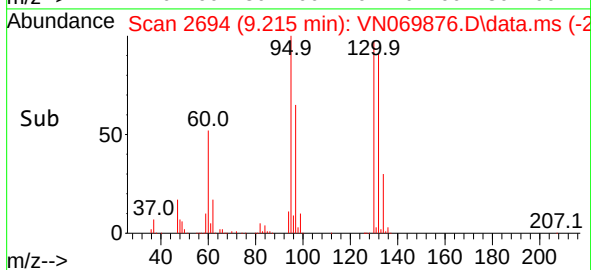
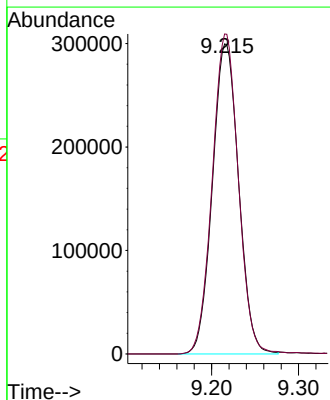
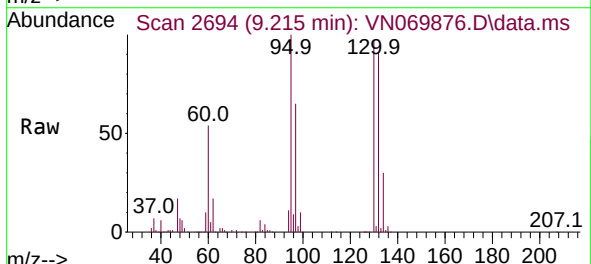
Reviewed By :John Carlone 12/10/2021

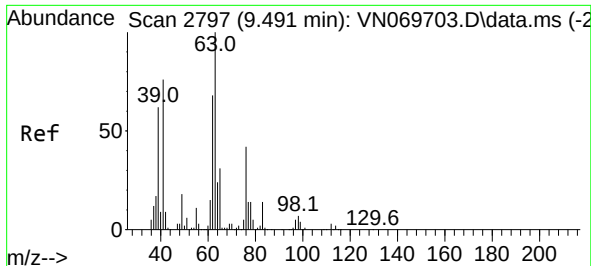
Supervised By :Mahesh Dadoda 12/15/2021



#44
Trichloroethene
Concen: 48.689 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Tgt Ion:130 Resp: 628055
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 50.325 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.002 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 73037

Ion Ratio Lower Upper

63 100

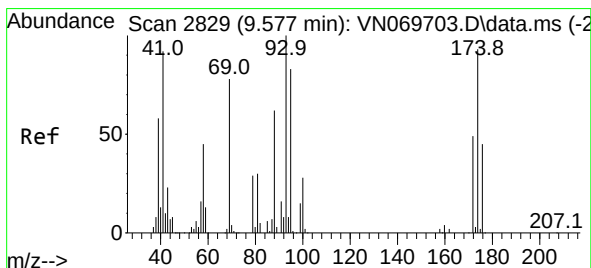
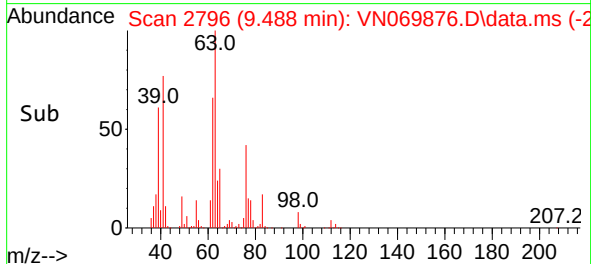
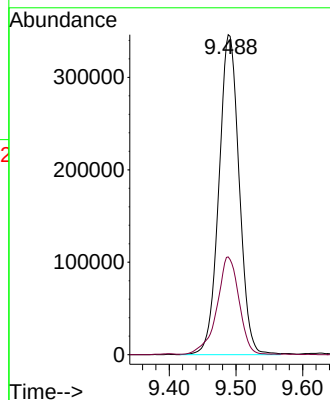
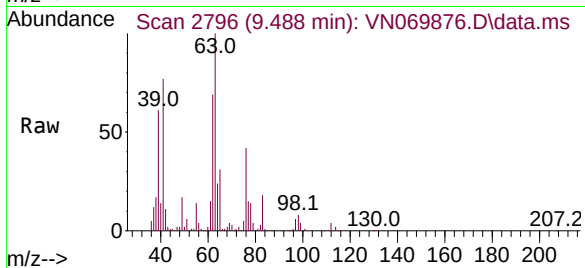
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#46

Dibromomethane

Concen: 49.493 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

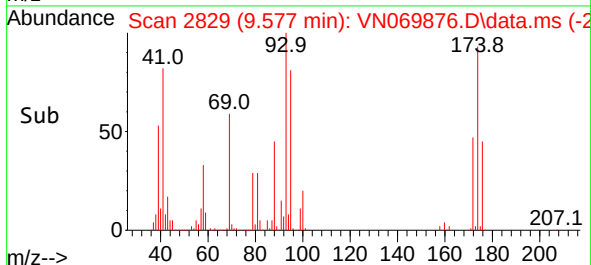
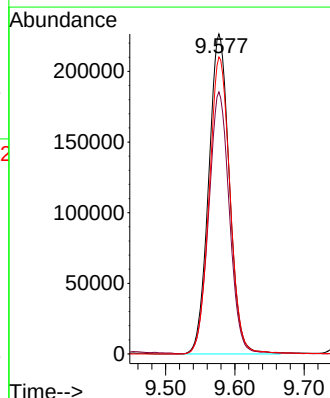
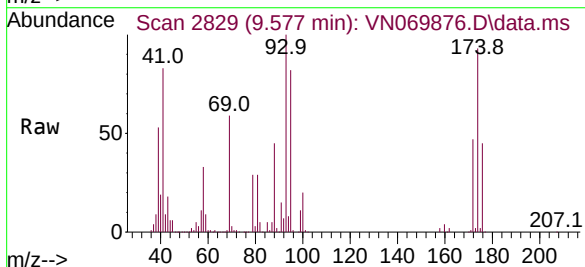
Tgt Ion: 93 Resp: 471080

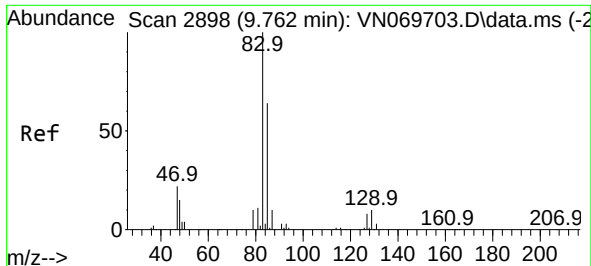
Ion Ratio Lower Upper

93 100

95 81.1 65.9 98.9

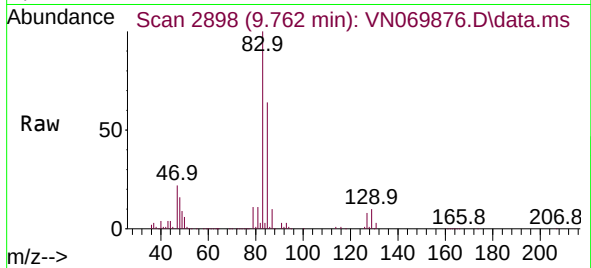
174 92.8 84.6 127.0





#47
Bromodichloromethane
Concen: 52.434 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

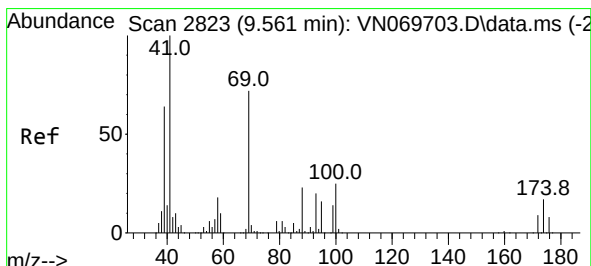
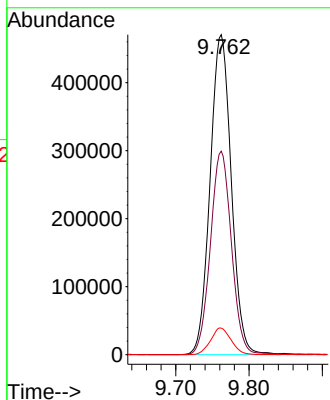
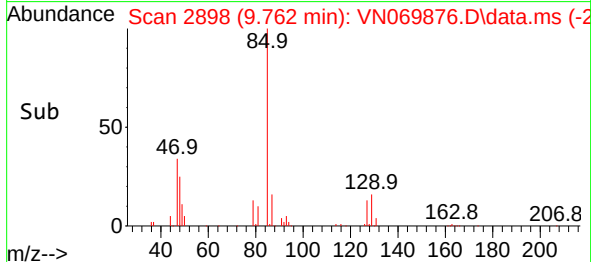
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 944924
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.3 7.1 10.7

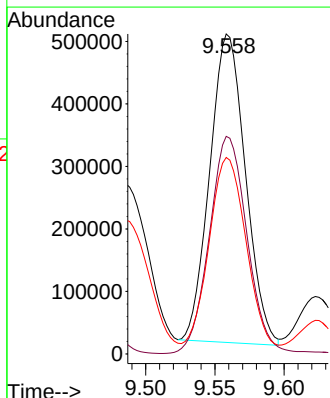
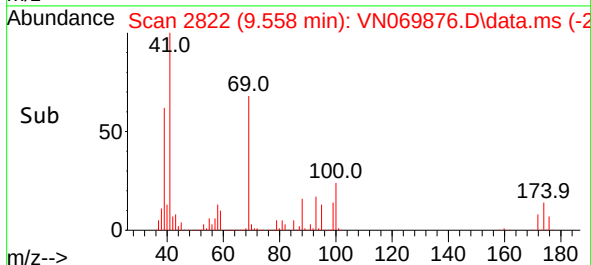
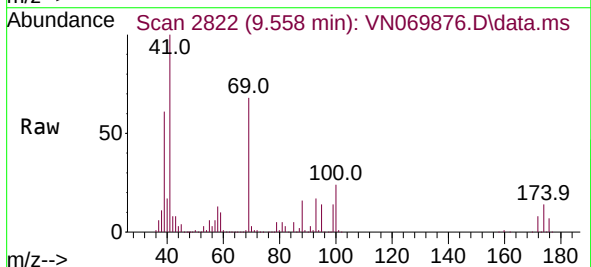
Manual Integrations
APPROVED

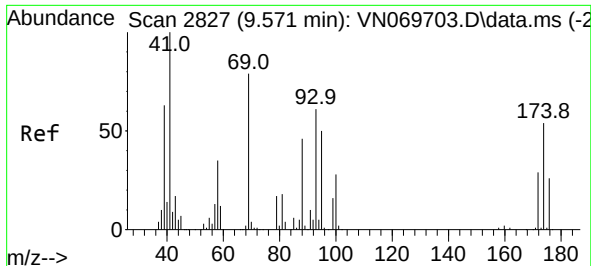
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#48
Methyl methacrylate
Concen: 48.683 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Tgt Ion: 41 Resp: 884785
Ion Ratio Lower Upper
41 100
69 74.7 72.4 108.6
39 62.3 58.4 87.6





#49

1,4-Dioxane

Concen: 778.726 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.002 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 25394

Ion Ratio Lower Upper

88 100

43 38.9 23.4 35.2

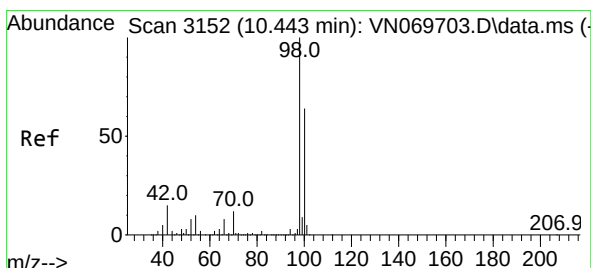
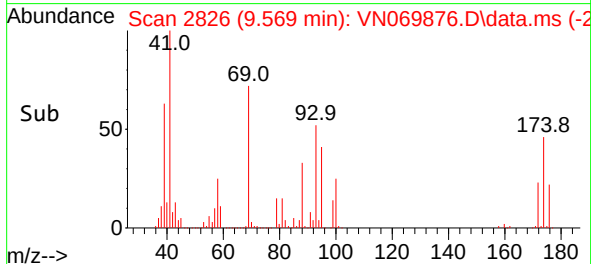
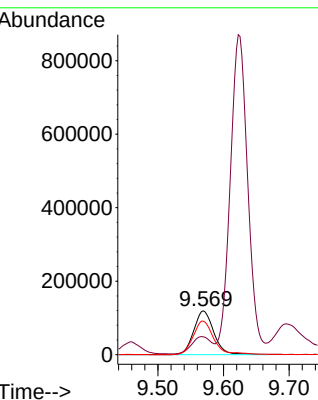
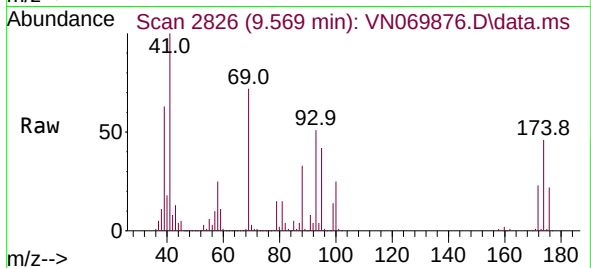
58 80.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#50

Toluene-d8

Concen: 48.828 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.002 min

Lab File: VN069876.D

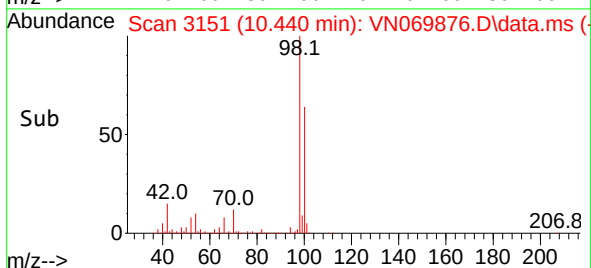
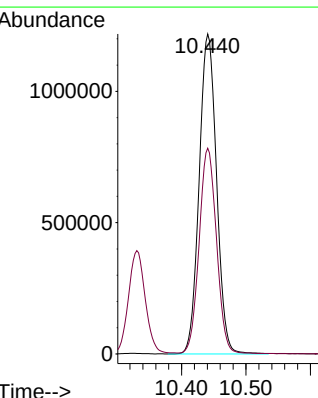
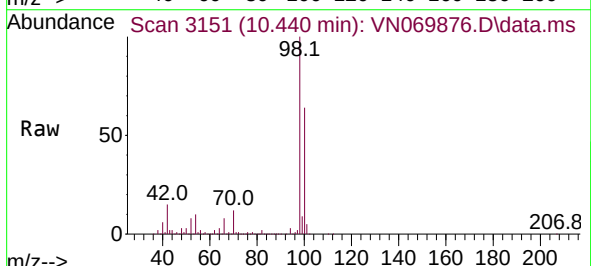
Acq: 8 Dec 2021 21:35

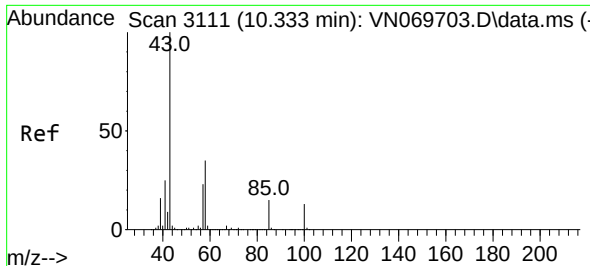
Tgt Ion: 98 Resp: 2280946

Ion Ratio Lower Upper

98 100

100 64.1 50.4 75.6





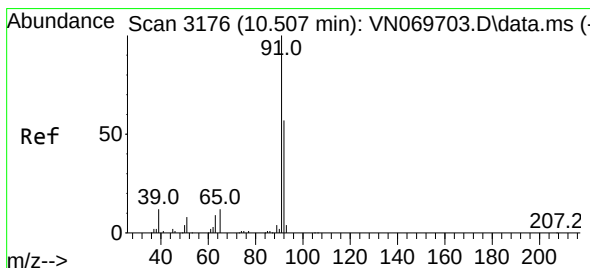
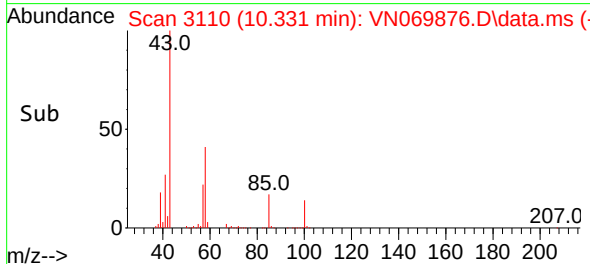
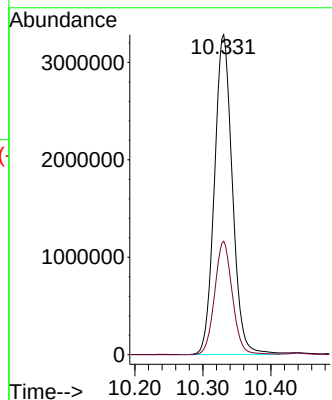
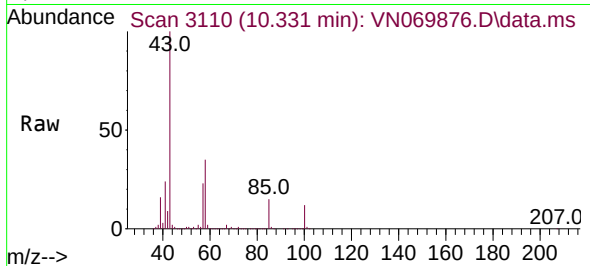
#51
4-Methyl-2-Pentanone
Concen: 238.546 ug/l
RT: 10.331 min Scan# 3111
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 602662
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

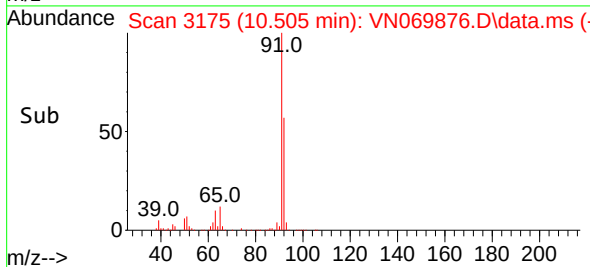
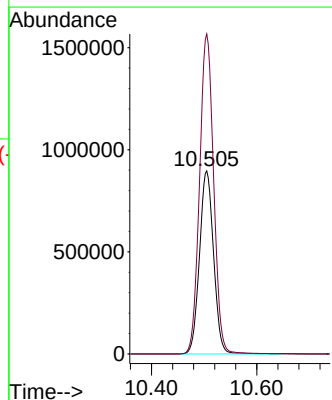
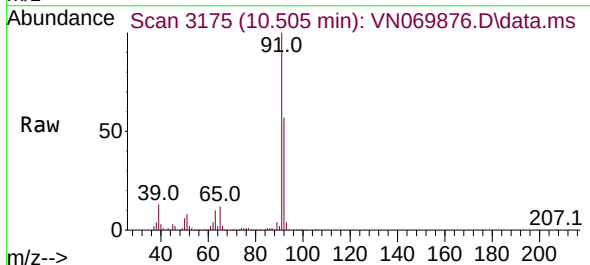
Manual Integrations
APPROVED

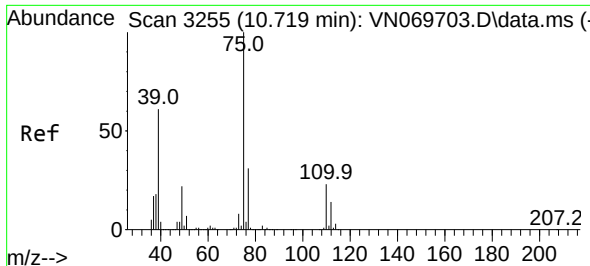
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#52
Toluene
Concen: 50.298 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

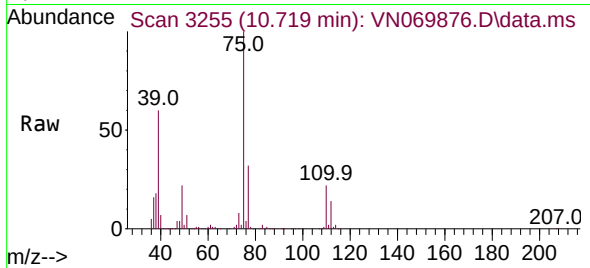
Tgt Ion: 92 Resp: 1659587
Ion Ratio Lower Upper
92 100
91 175.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 46.973 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

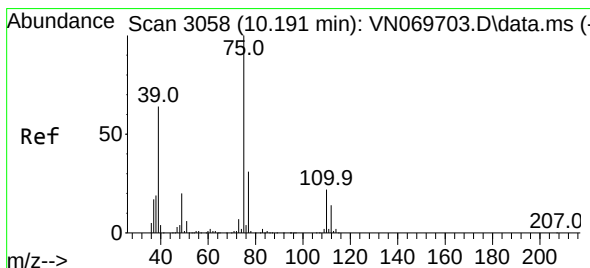
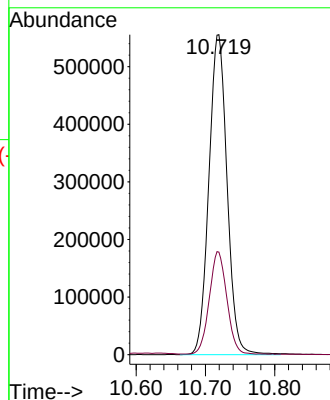
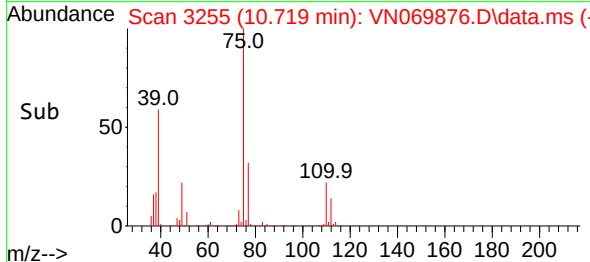
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



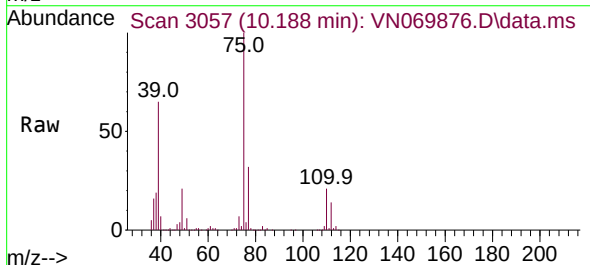
Tgt Ion: 75 Resp: 101439
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations
APPROVED

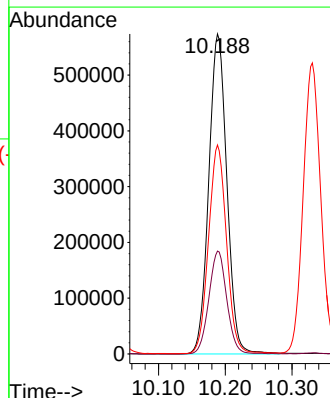
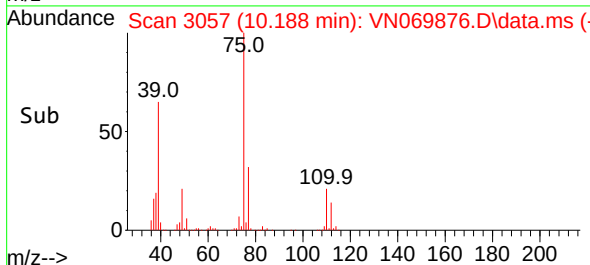
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

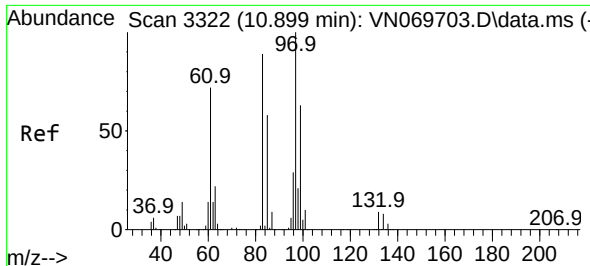


#54
cis-1,3-Dichloropropene
Concen: 47.582 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



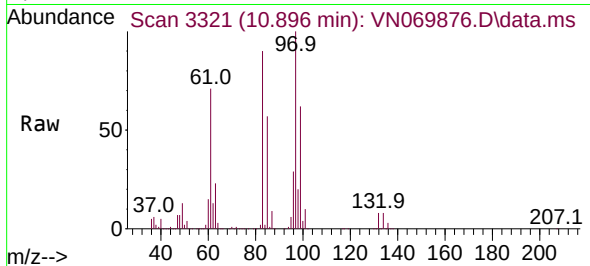
Tgt Ion: 75 Resp: 1080259
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
39 65.2 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 49.252 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

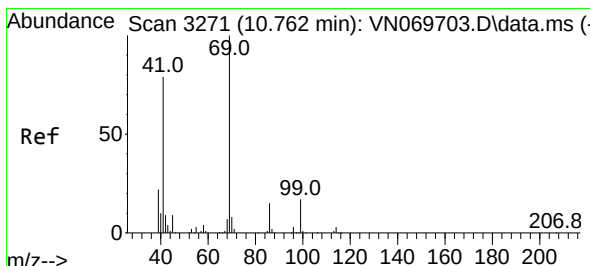
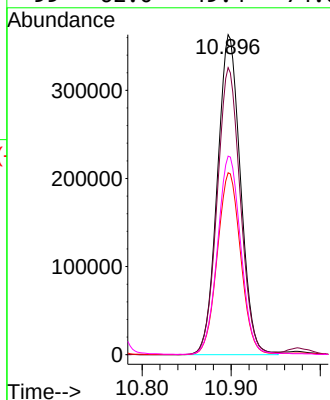
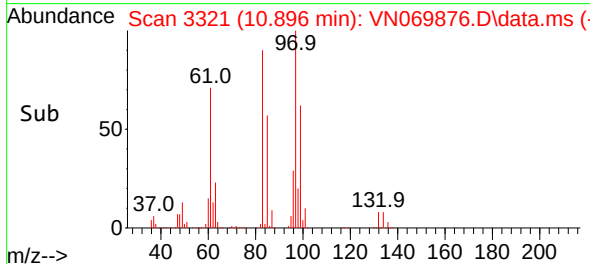
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



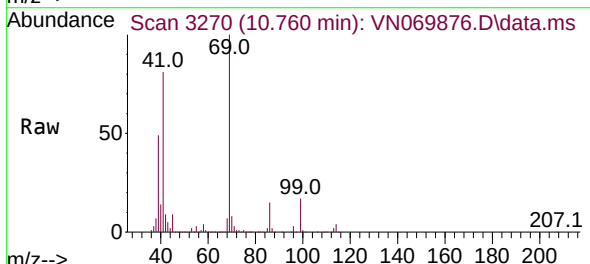
Tgt Ion:	97	Resp:	65568
Ion	Ratio	Lower	Upper
97	100		
83	89.7	67.8	101.6
85	56.8	45.4	68.2
99	62.0	49.4	74.0

Manual Integrations
APPROVED

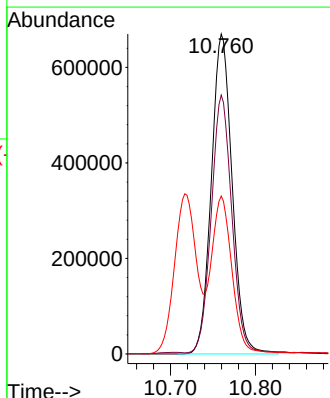
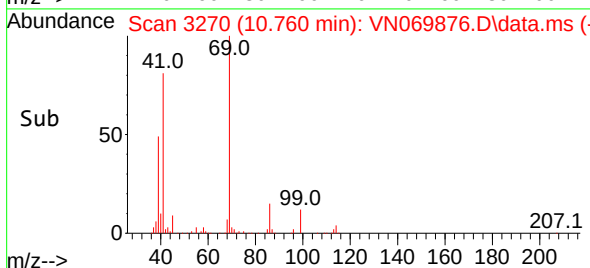
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

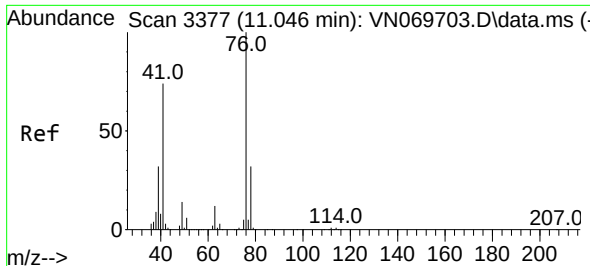


#56
Ethyl methacrylate
Concen: 45.580 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



Tgt Ion:	69	Resp:	1139630
Ion	Ratio	Lower	Upper
69	100		
41	79.3	51.4	77.0#
39	47.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 50.358 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN069876.D

Acq: 8 Dec 2021 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 1180450

Ion Ratio Lower Upper

76 100

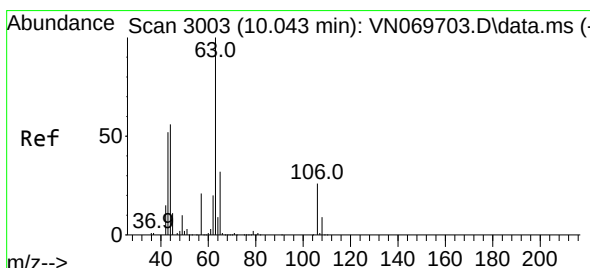
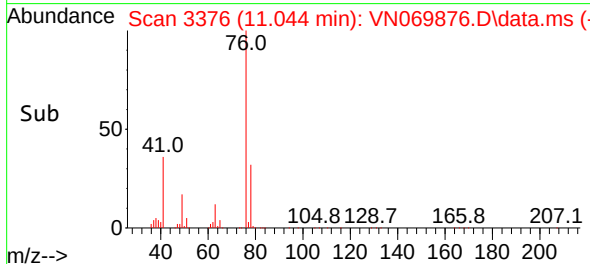
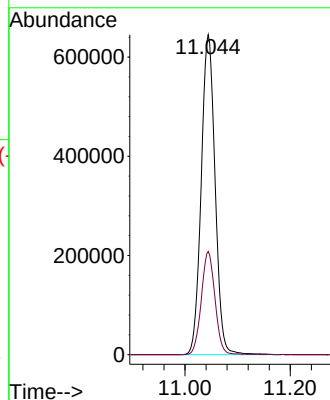
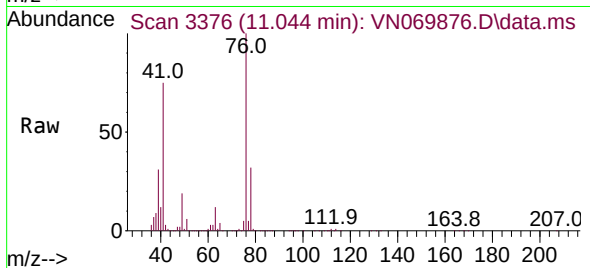
78 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2021

Supervised By :Mahesh Dadoda 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 209.085 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069876.D

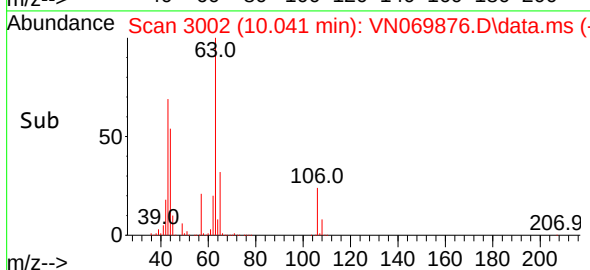
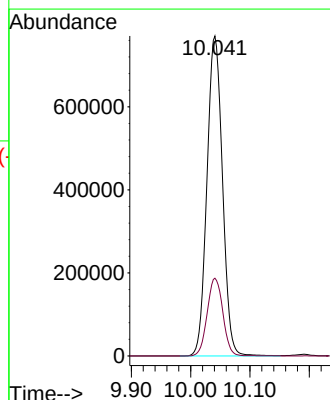
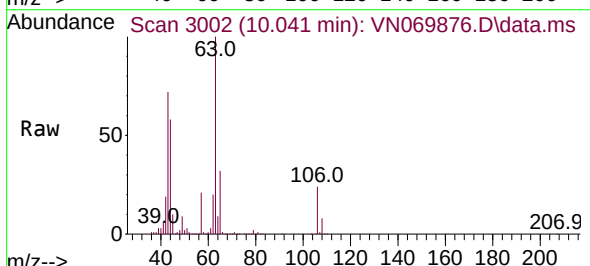
Acq: 8 Dec 2021 21:35

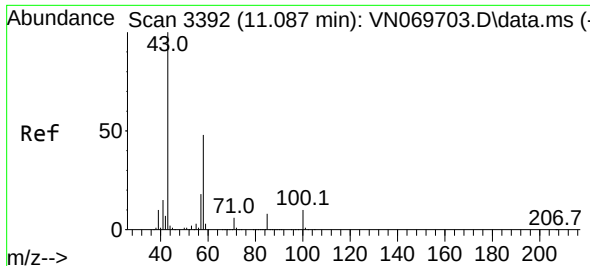
Tgt Ion: 63 Resp: 1396276

Ion Ratio Lower Upper

63 100

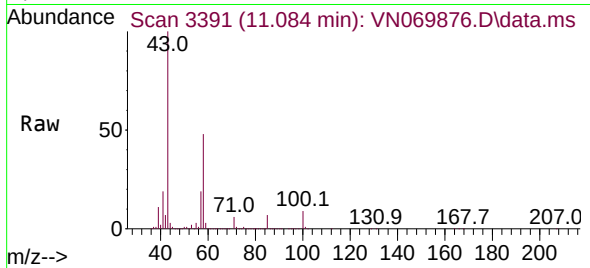
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 223.065 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

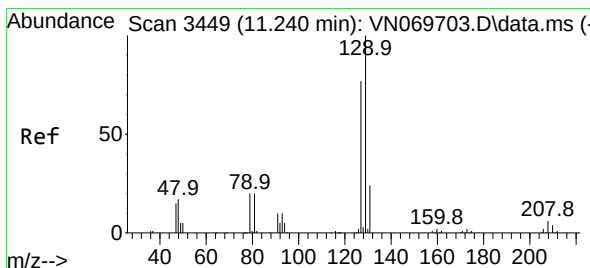
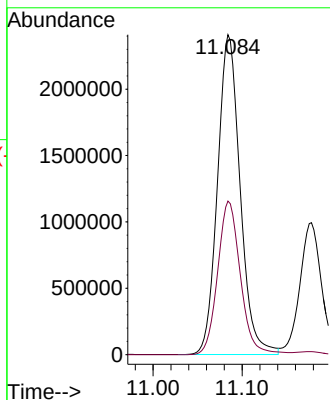
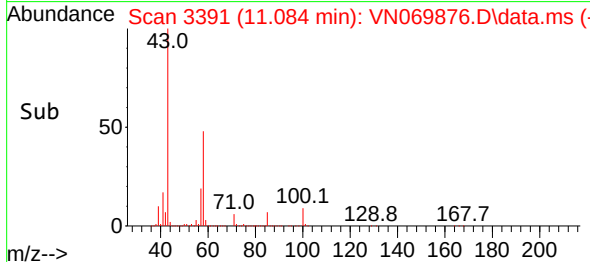
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 426307
Ion Ratio Lower Upper
43 100
58 48.2 26.9 80.7

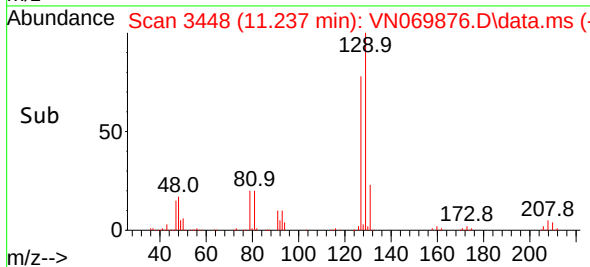
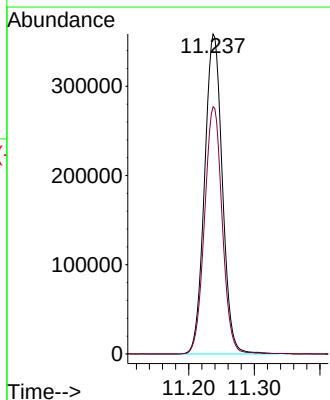
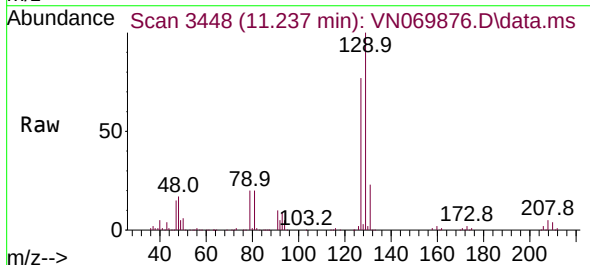
Manual Integrations
APPROVED

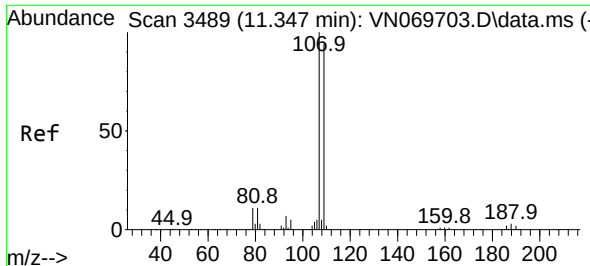
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#60
Dibromochloromethane
Concen: 47.381 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

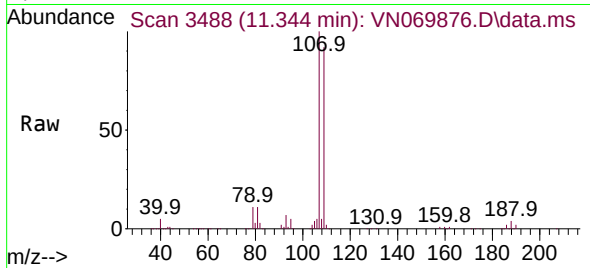
Tgt Ion:129 Resp: 673989
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.648 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

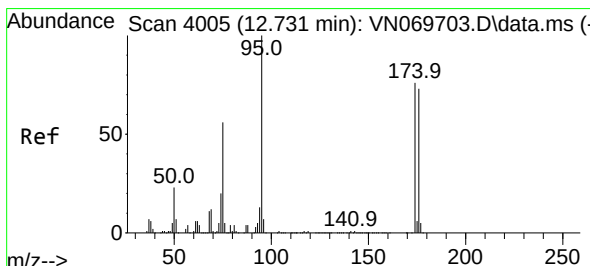
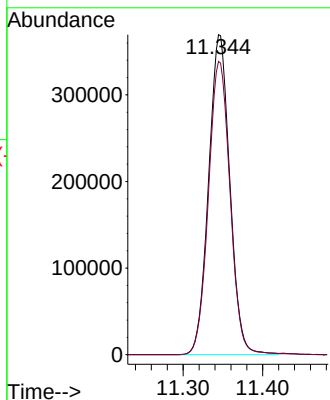
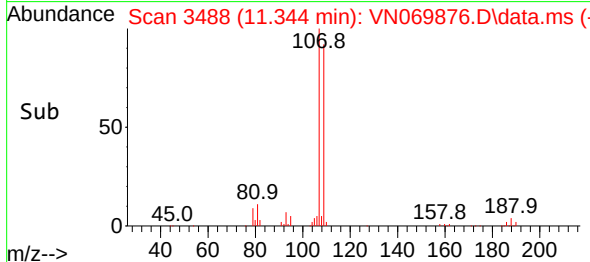
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 68459
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

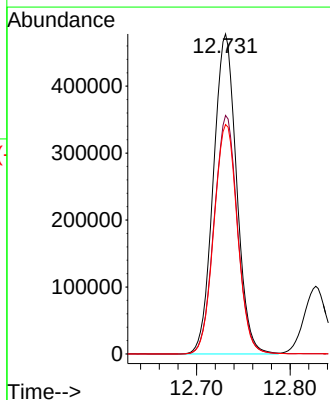
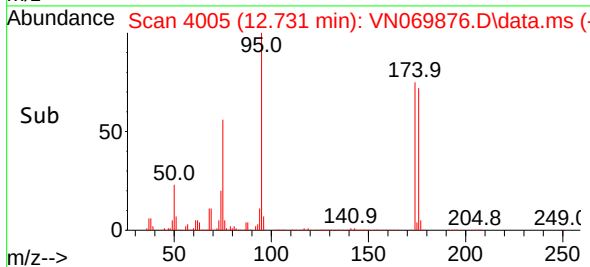
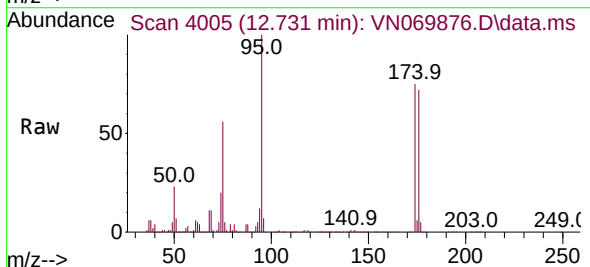
Manual Integrations
APPROVED

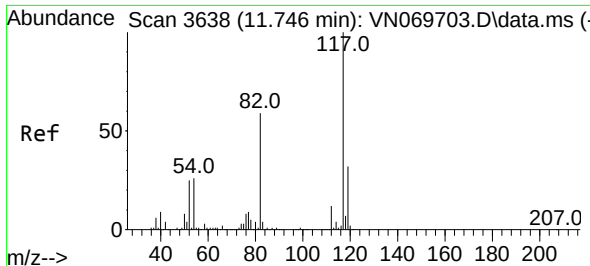
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#62
4-Bromofluorobenzene
Concen: 48.687 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

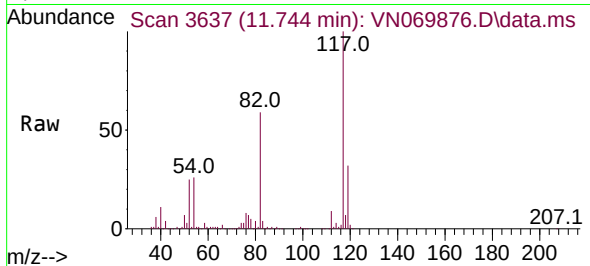
Tgt Ion: 95 Resp: 823951
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

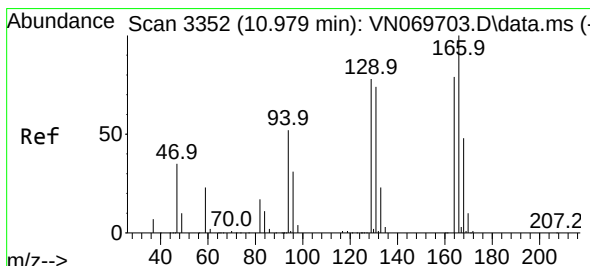
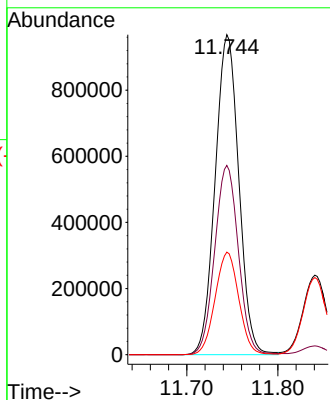
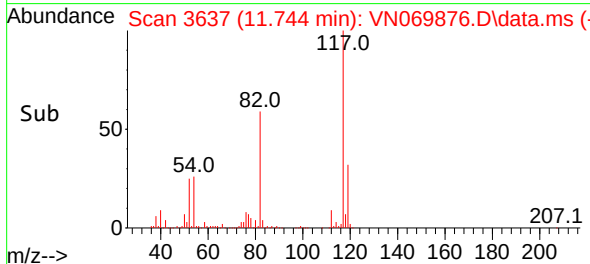
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 174551
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.0 25.4 38.2

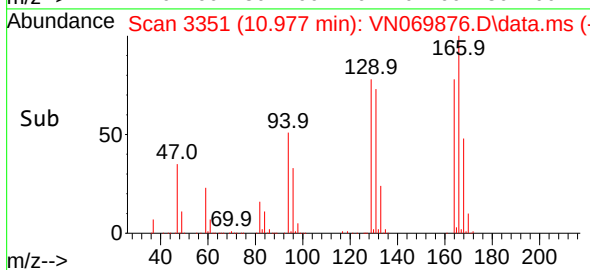
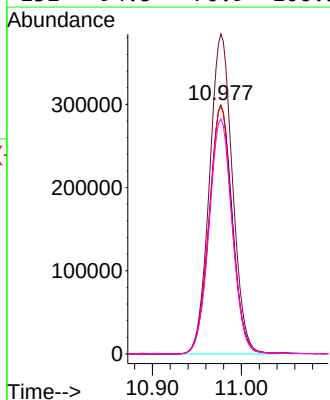
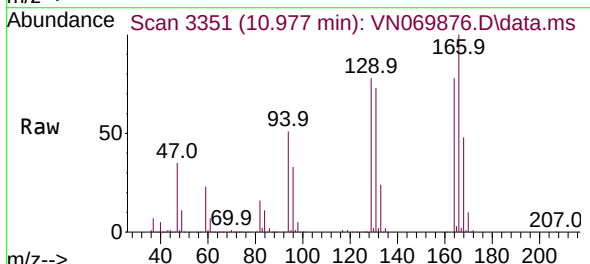
Manual Integrations
APPROVED

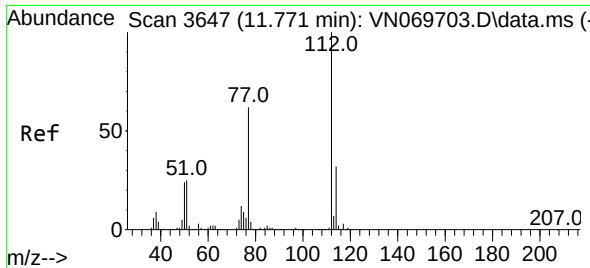
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#64
Tetrachloroethene
Concen: 45.602 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

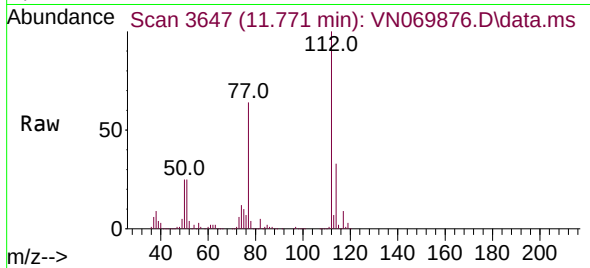
Tgt Ion:164 Resp: 539734
Ion Ratio Lower Upper
164 100
166 128.6 101.9 152.9
129 99.8 72.0 108.0
131 94.5 70.9 106.3





#65
Chlorobenzene
Concen: 49.337 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

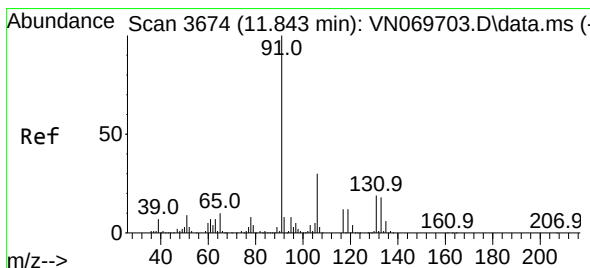
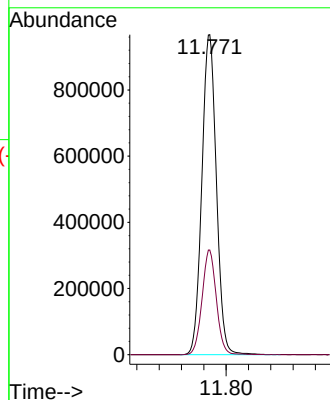
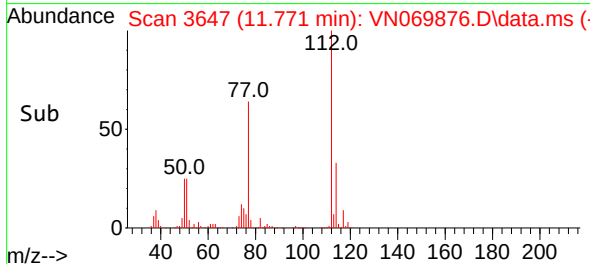
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



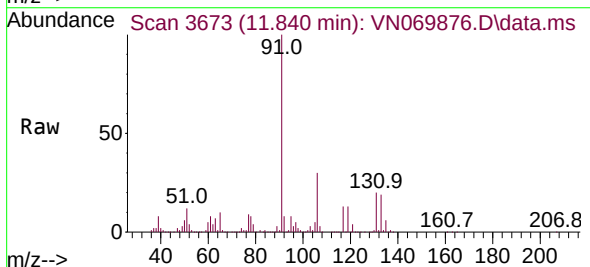
Tgt Ion:112 Resp: 1747090
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

Manual Integrations
APPROVED

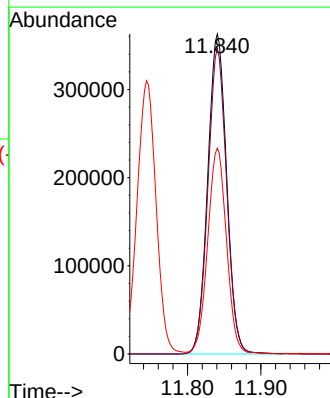
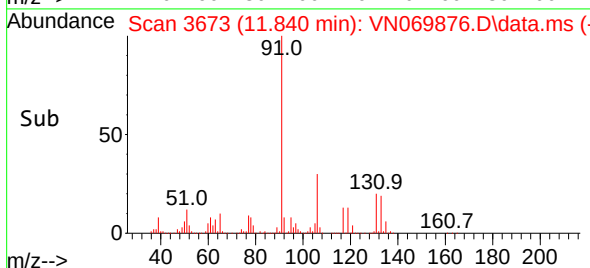
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

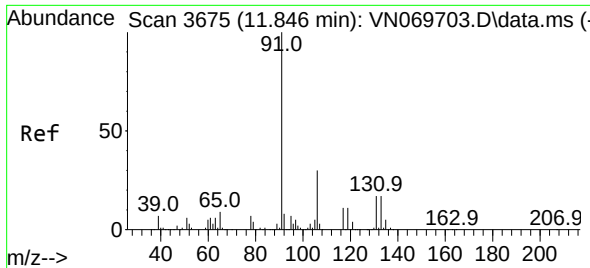


#66
1,1,1,2-Tetrachloroethane
Concen: 52.285 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



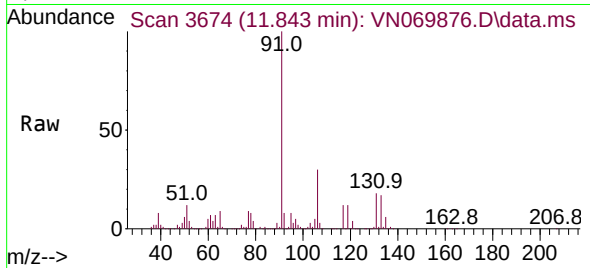
Tgt Ion:131 Resp: 651663
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 63.8 32.1 96.5





#67
Ethyl Benzene
Concen: 51.154 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

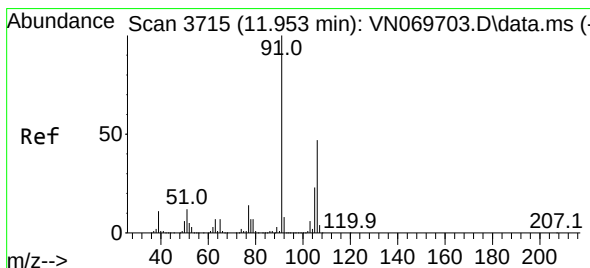
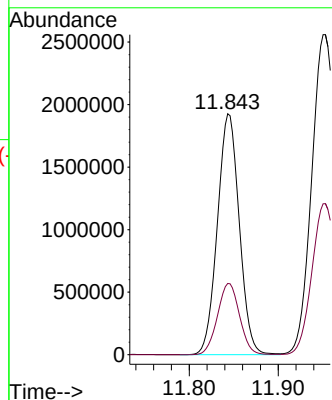
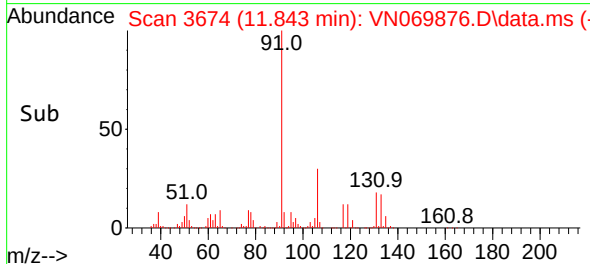
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 3290450
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

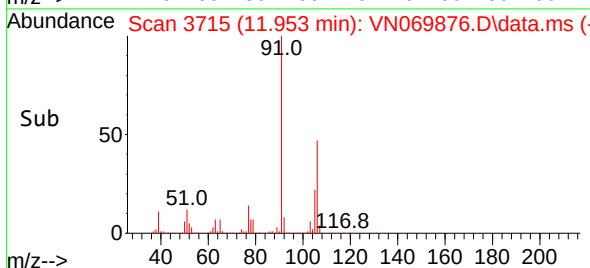
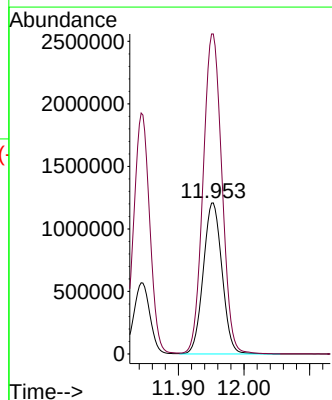
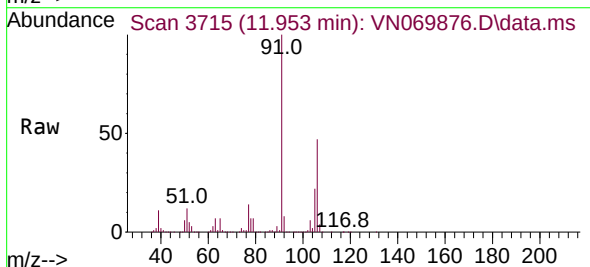
Manual Integrations
APPROVED

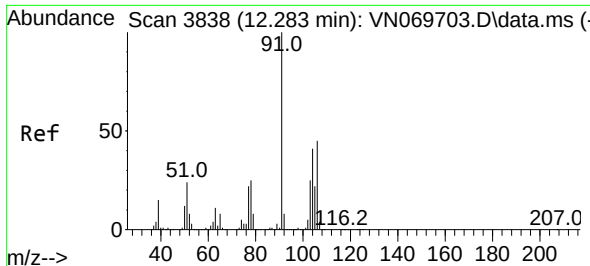
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#68
m/p-Xylenes
Concen: 102.116 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Tgt Ion:106 Resp: 2391638
Ion Ratio Lower Upper
106 100
91 213.0 160.6 240.8





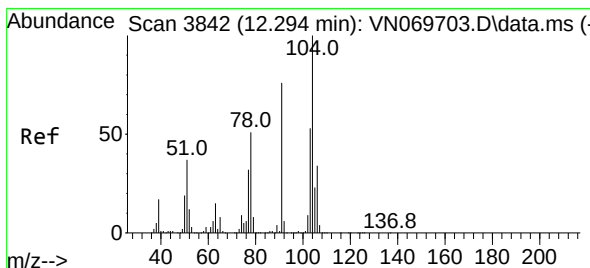
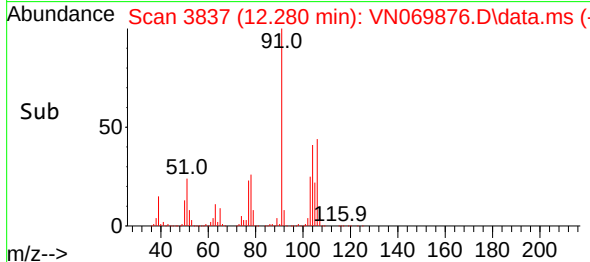
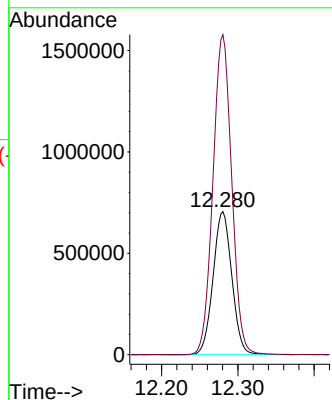
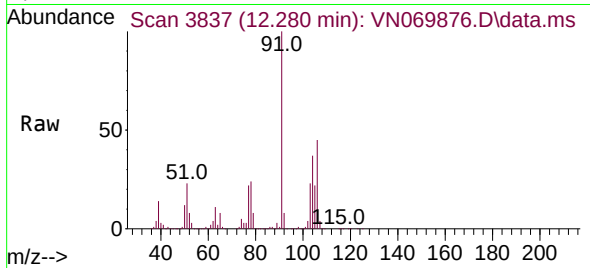
#69
o-Xylene
Concen: 51.019 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 1203588
Ion Ratio Lower Upper
106 100
91 223.9 105.8 317.3

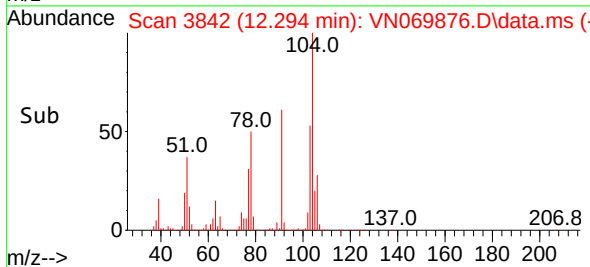
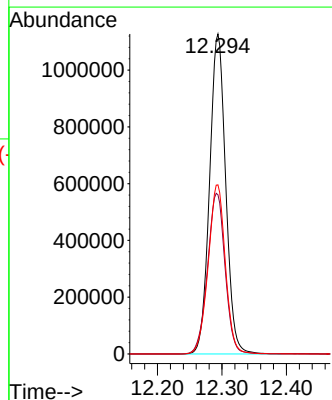
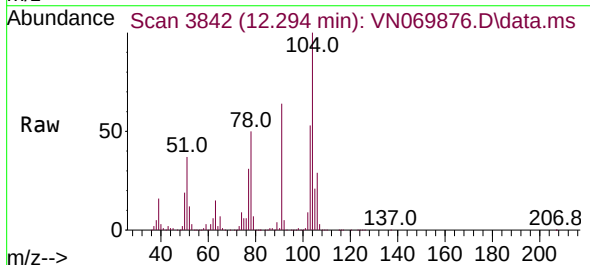
Manual Integrations
APPROVED

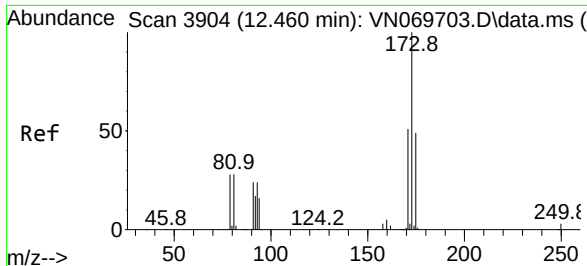
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#70
Styrene
Concen: 52.494 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

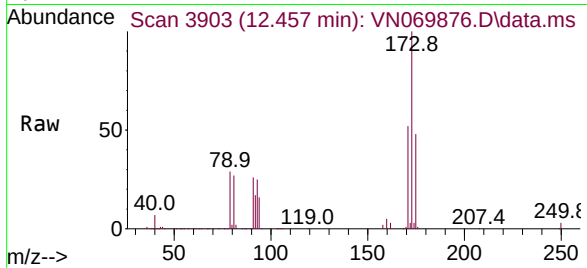
Tgt Ion:104 Resp: 1963704
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 45.970 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

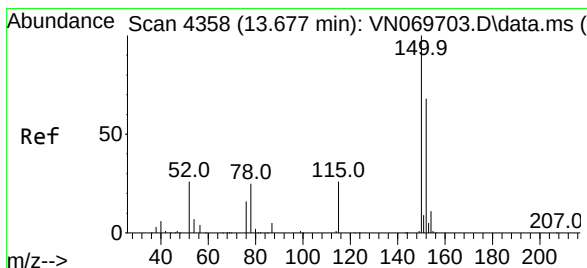
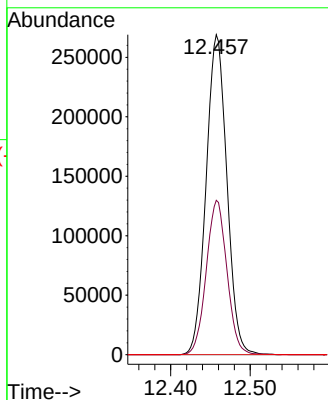
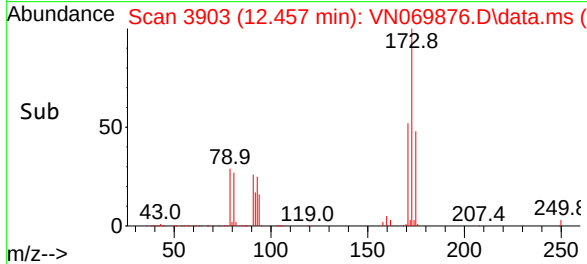
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



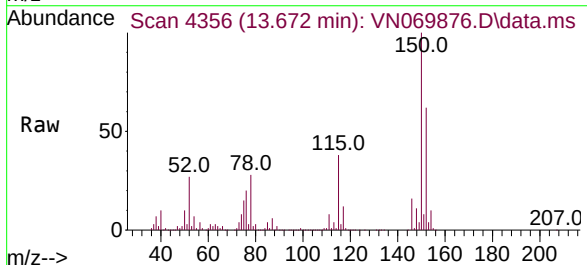
Tgt Ion:173 Resp: 487568
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

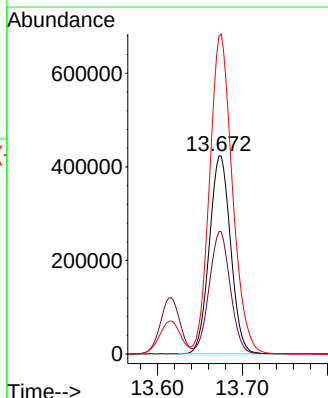
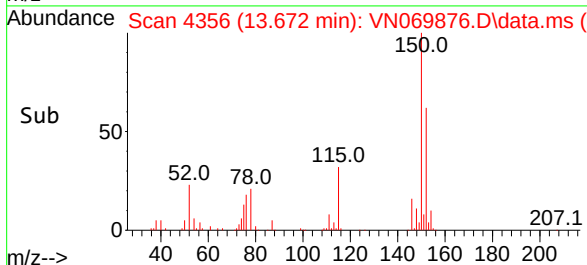
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

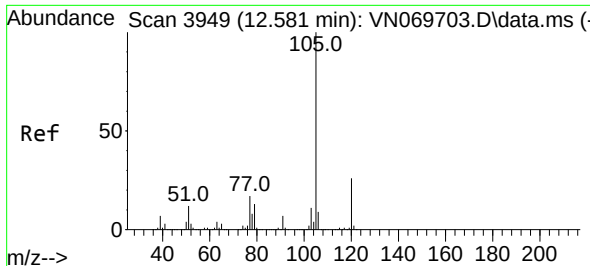


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.005 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



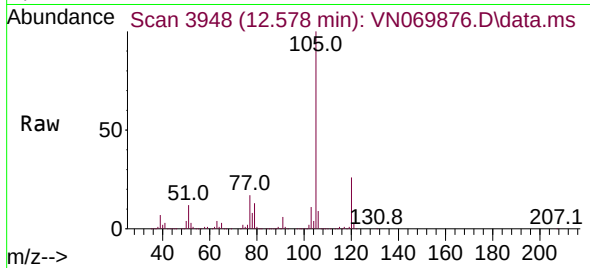
Tgt Ion:152 Resp: 736976
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 172.9 0.0 344.4





#73
Isopropylbenzene
Concen: 48.370 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

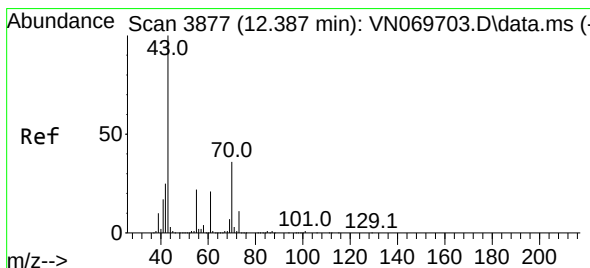
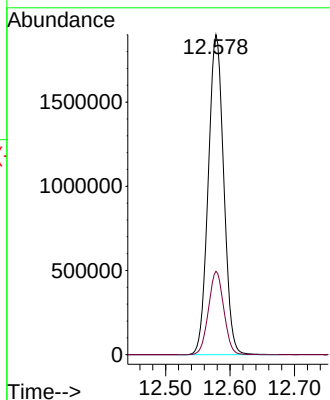
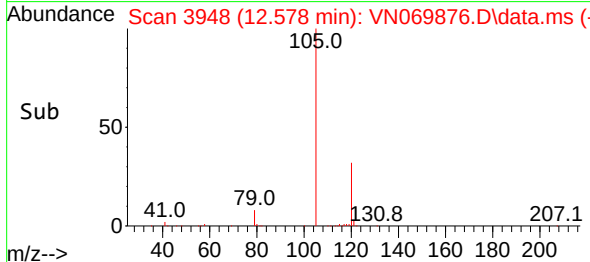
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 3171660
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

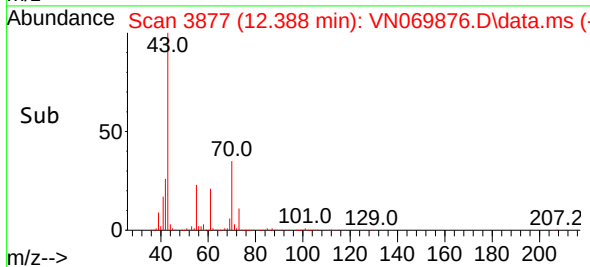
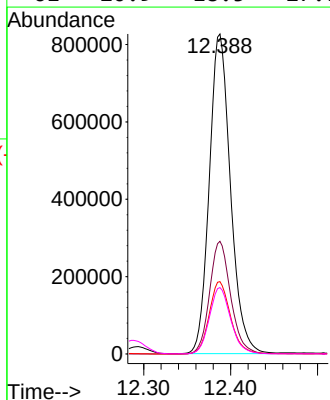
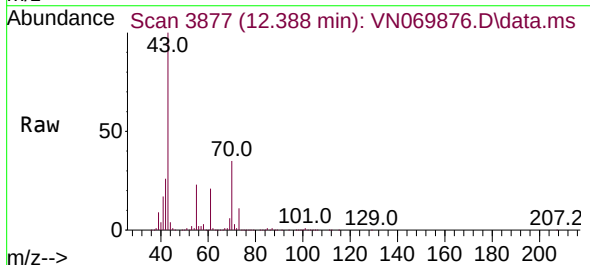
Manual Integrations
APPROVED

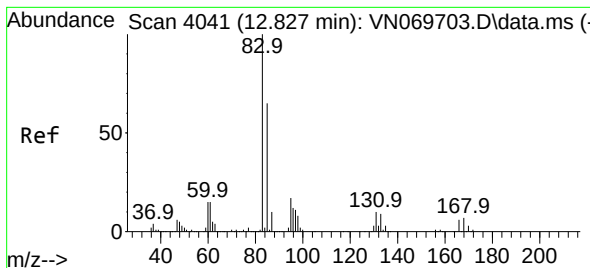
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#74
N-amy1 acetate
Concen: 48.276 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

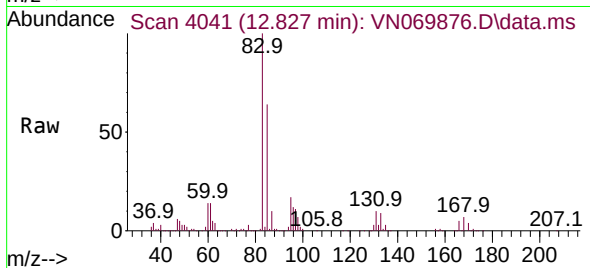
Tgt Ion: 43 Resp: 1399902
Ion Ratio Lower Upper
43 100
70 35.1 33.4 50.0
55 22.8 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.417 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

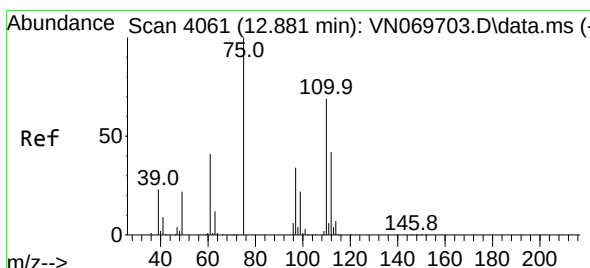
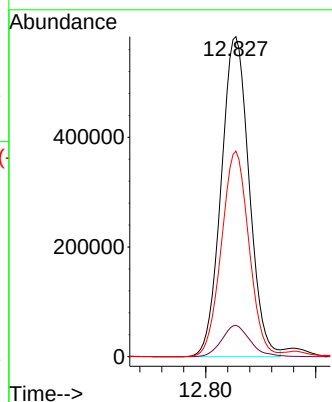
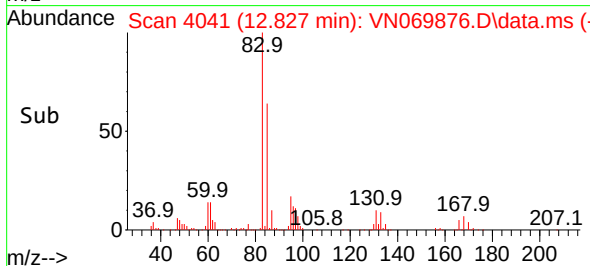
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



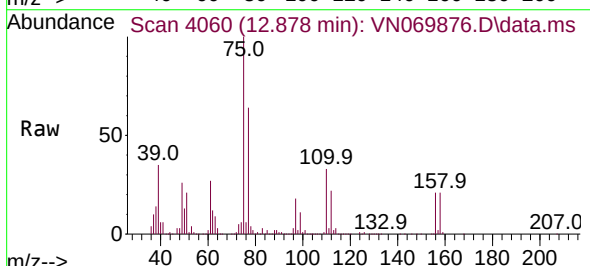
Tgt Ion: 83 Resp: 102979
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.4 32.4 97.2

Manual Integrations
APPROVED

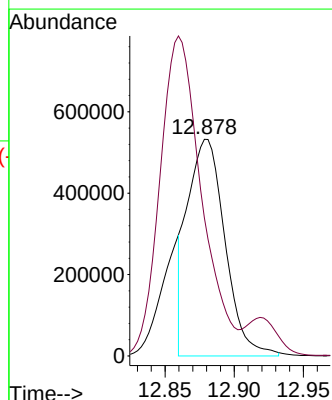
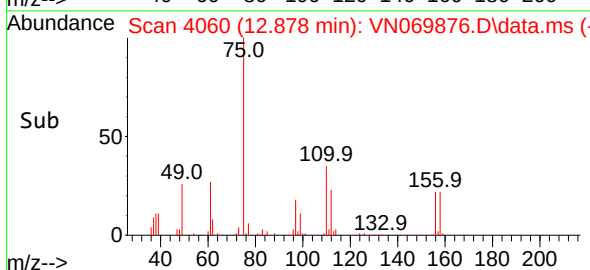
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

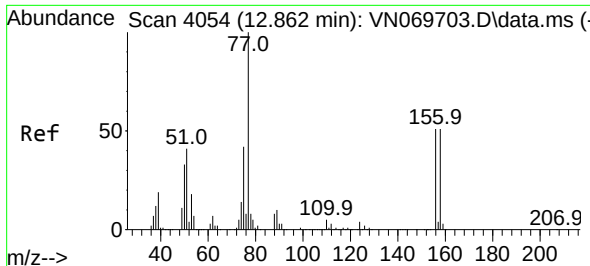


#76
1,2,3-Trichloropropane
Concen: 47.487 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



Tgt Ion: 75 Resp: 1003624
Ion Ratio Lower Upper
75 100
77 163.2 82.6 247.8





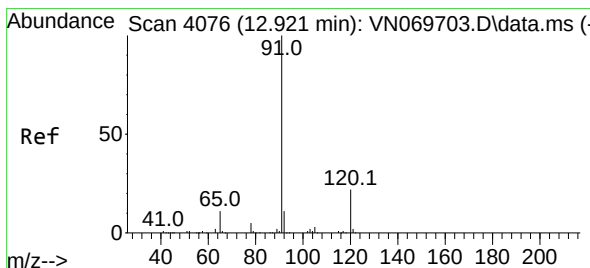
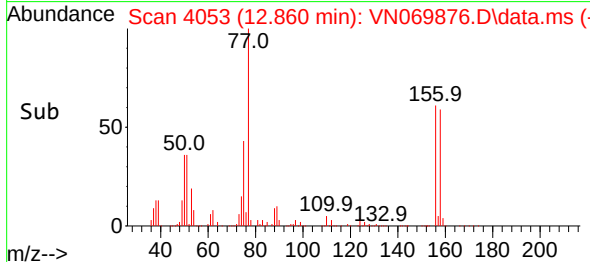
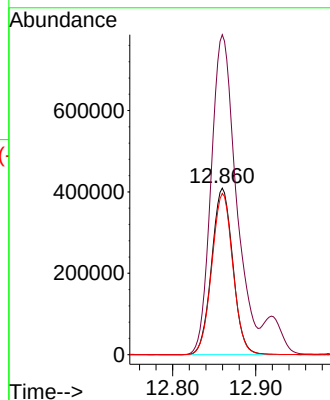
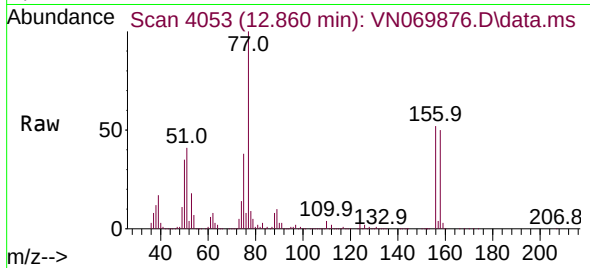
#77
Bromobenzene
Concen: 47.143 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 726078
Ion Ratio Lower Upper
156 100
77 225.6 90.6 271.8
158 96.6 48.9 146.7

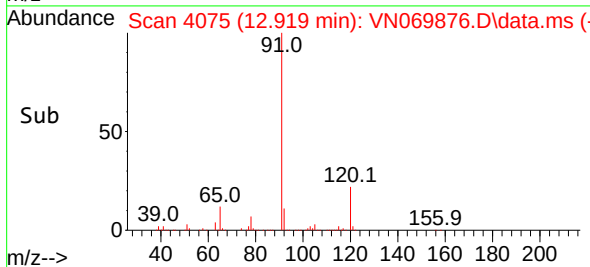
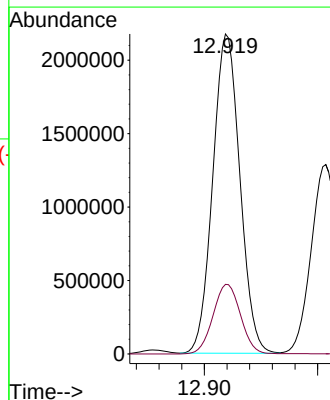
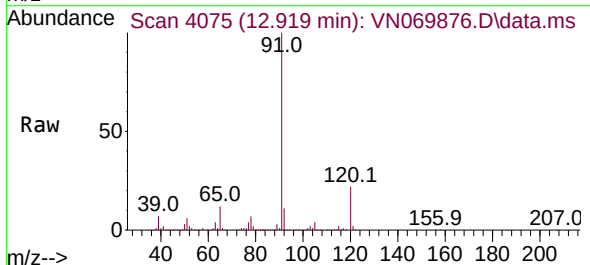
Manual Integrations
APPROVED

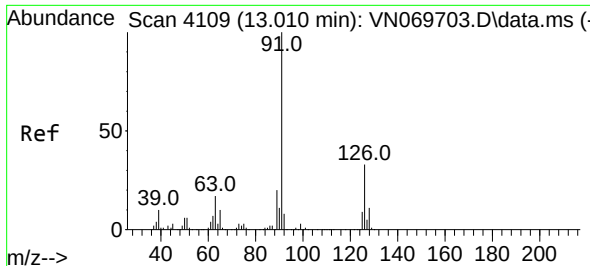
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#78
n-propylbenzene
Concen: 49.453 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Tgt Ion: 91 Resp: 3608324
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





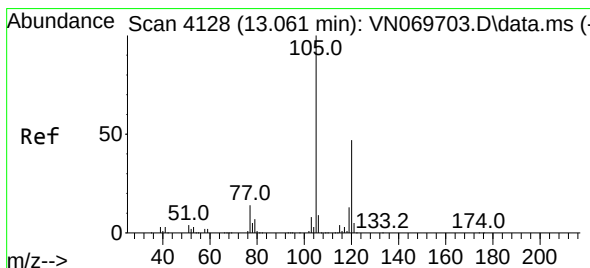
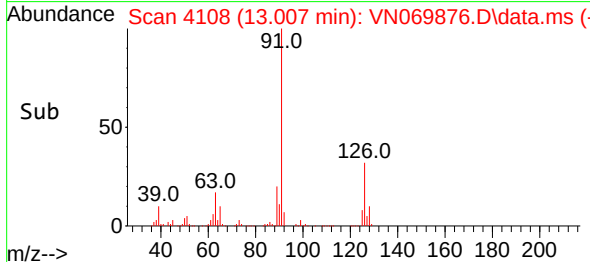
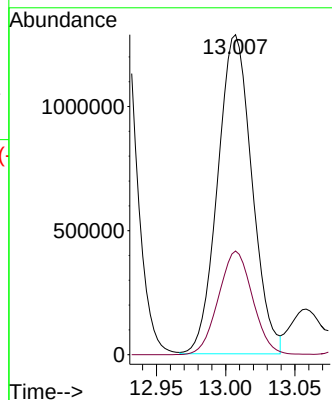
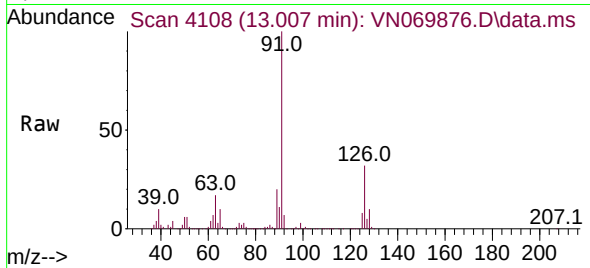
#79
2-Chlorotoluene
Concen: 48.091 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2217200
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

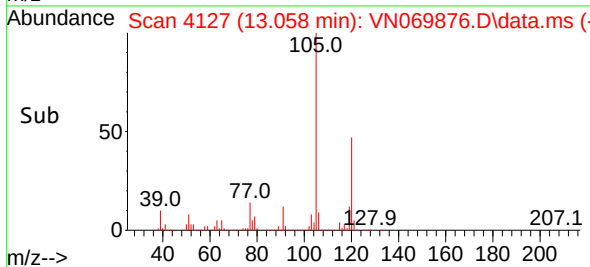
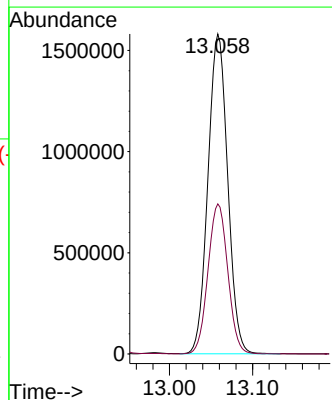
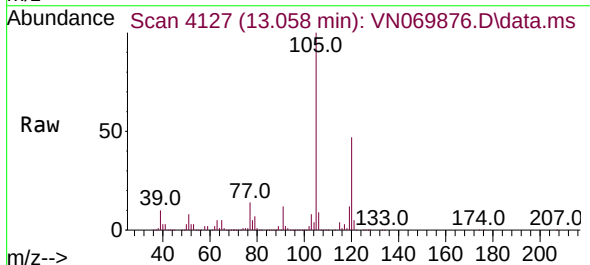
Manual Integrations
APPROVED

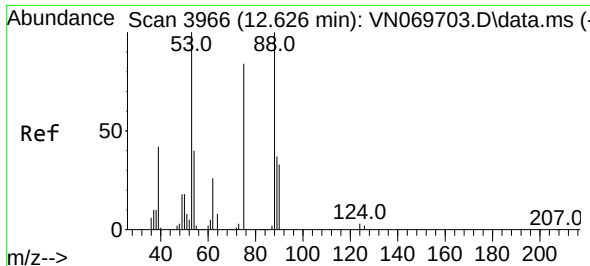
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.280 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

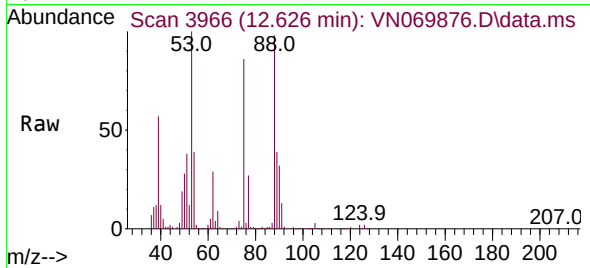
Tgt Ion:105 Resp: 2600809
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.434 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

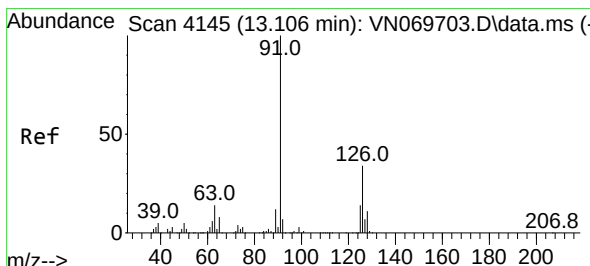
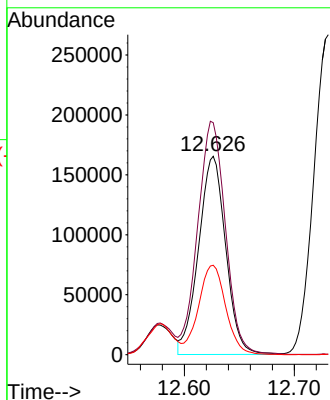
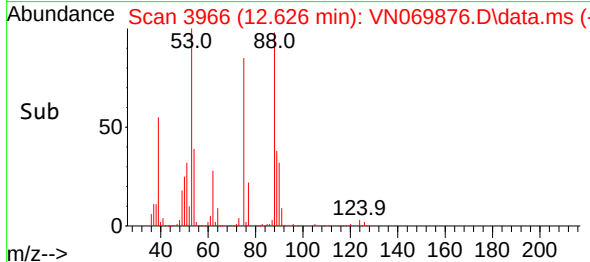
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 28376
Ion Ratio Lower Upper
75 100
53 120.3 90.5 135.7
89 45.6 38.2 57.4

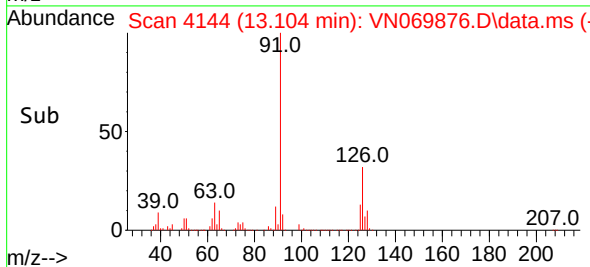
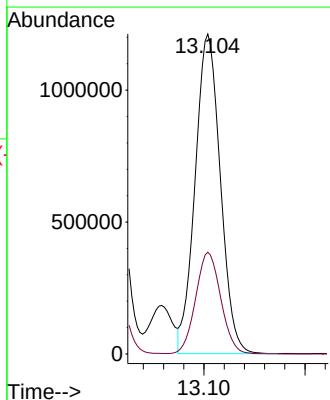
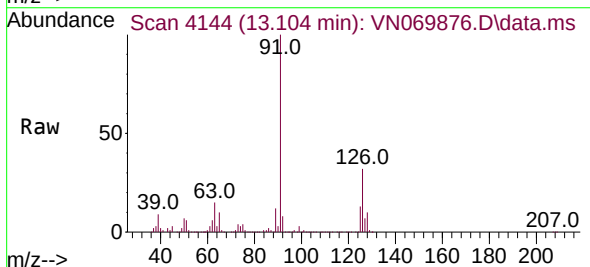
Manual Integrations
APPROVED

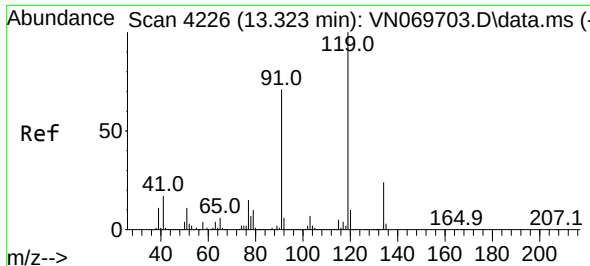
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#82
4-Chlorotoluene
Concen: 48.471 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

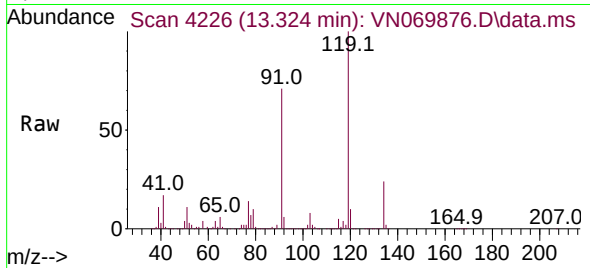
Tgt Ion: 91 Resp: 2101599
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.020 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

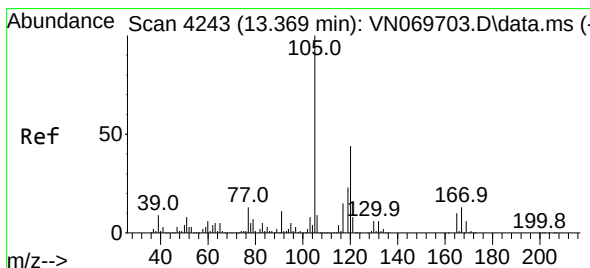
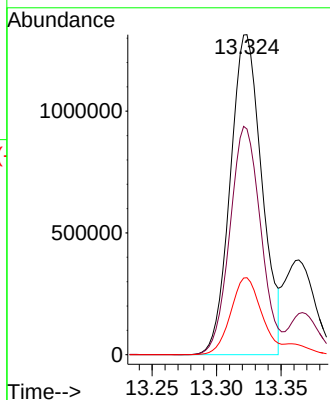
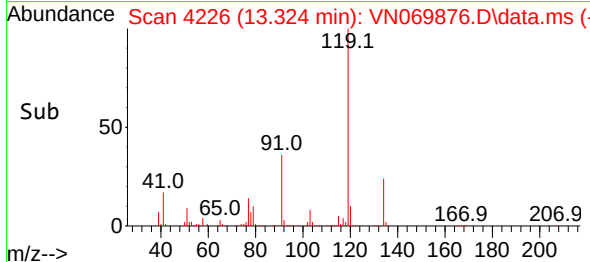
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



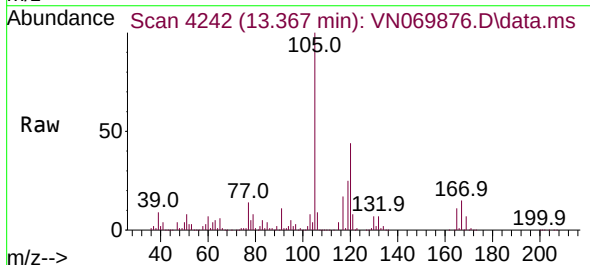
Tgt Ion:119 Resp: 224404
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 23.9 12.4 37.4

Manual Integrations
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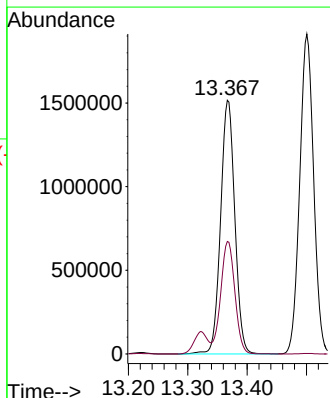
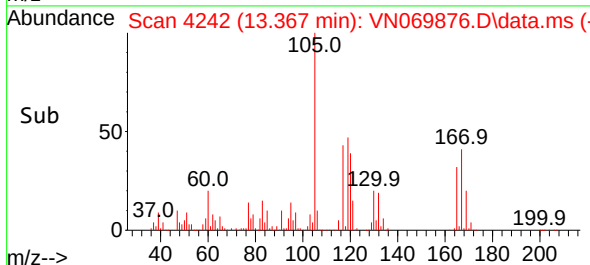
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

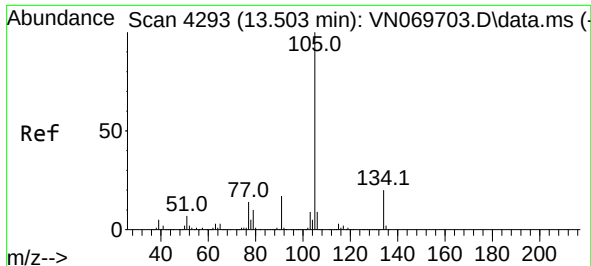


#84
1,2,4-Trimethylbenzene
Concen: 50.402 ug/l
RT: 13.367 min Scan# 4242
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



Tgt Ion:105 Resp: 2533293
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





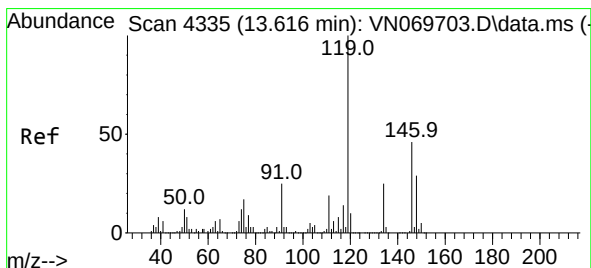
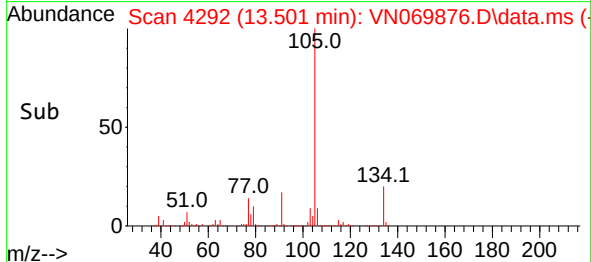
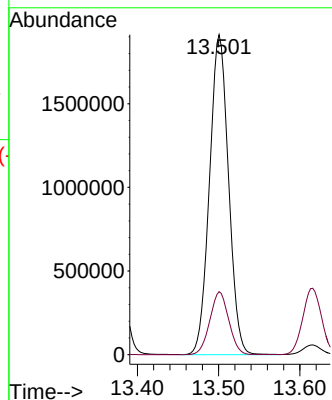
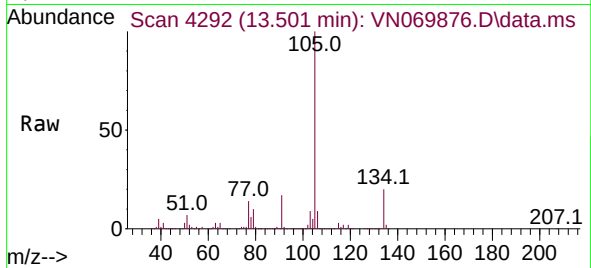
#85
 sec-Butylbenzene
 Concen: 49.036 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069876.D
 Acq: 8 Dec 2021 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 310829
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

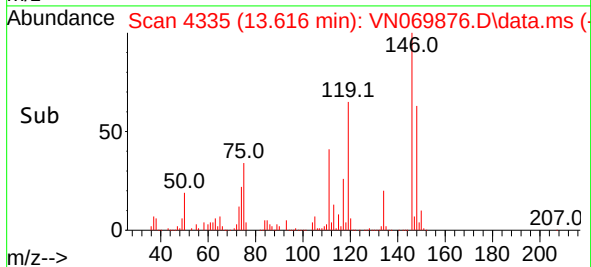
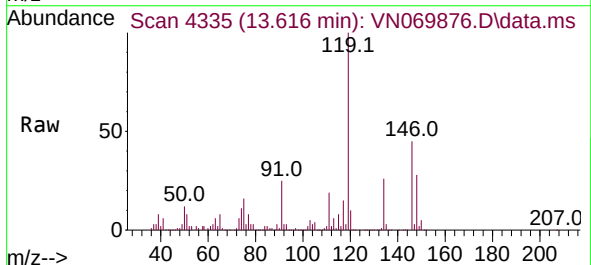
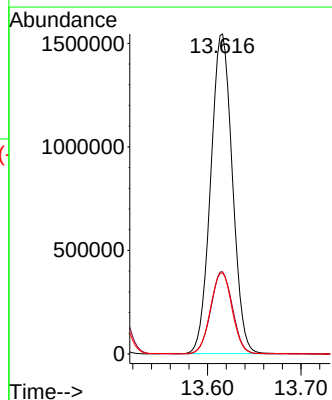
Manual Integrations
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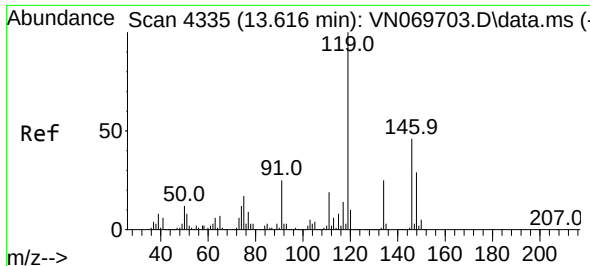
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 50.255 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069876.D
 Acq: 8 Dec 2021 21:35

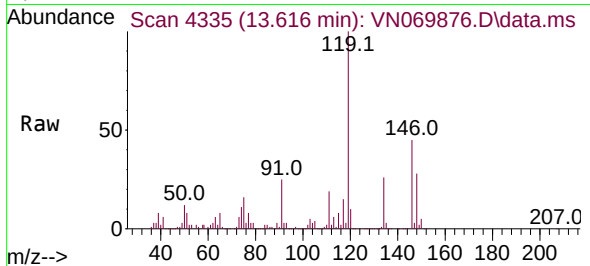
Tgt Ion:119 Resp: 2490018
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 47.608 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

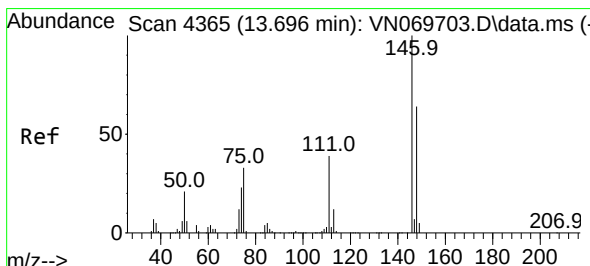
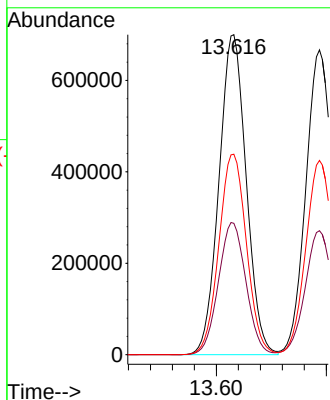
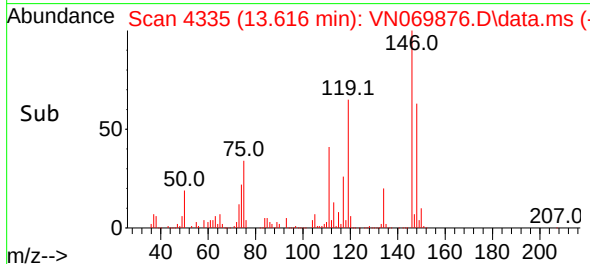
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



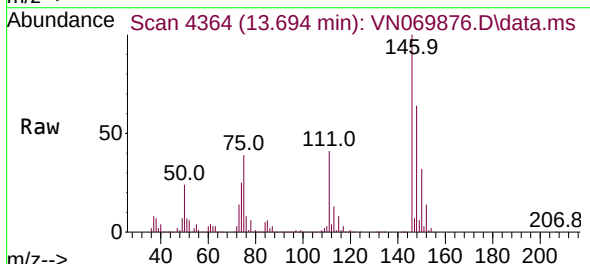
Tgt Ion:146 Resp: 1204590
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
APPROVED

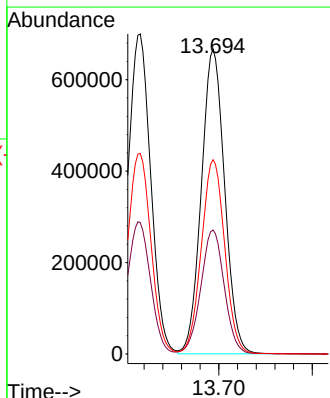
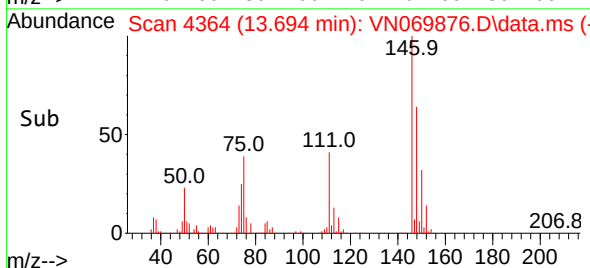
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

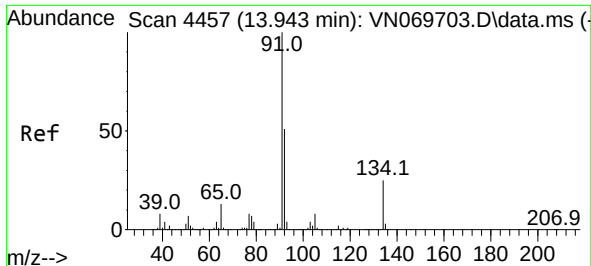


#88
1,4-Dichlorobenzene
Concen: 46.401 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



Tgt Ion:146 Resp: 1153767
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 64.1 31.8 95.4





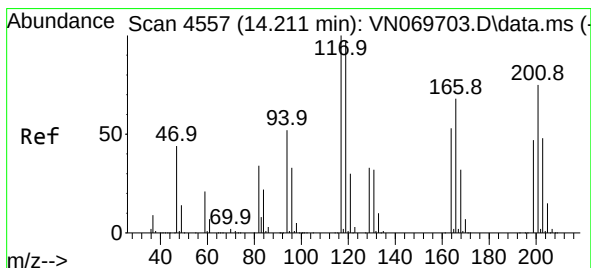
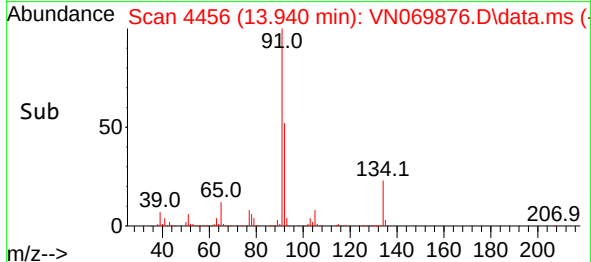
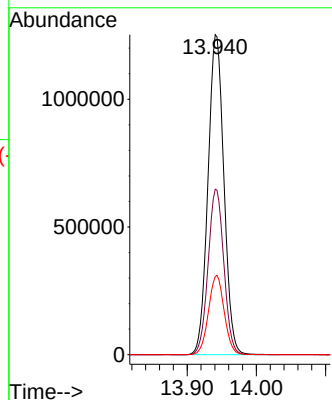
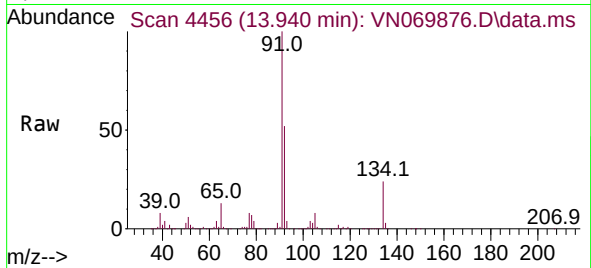
#89
n-Butylbenzene
Concen: 49.661 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1995984
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.5 13.6 40.8

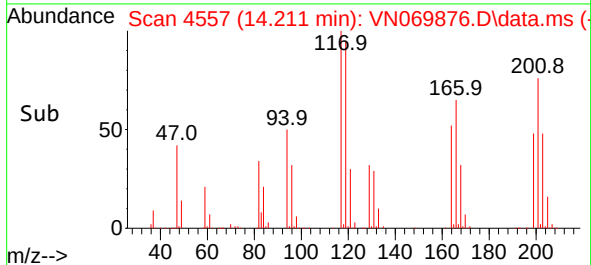
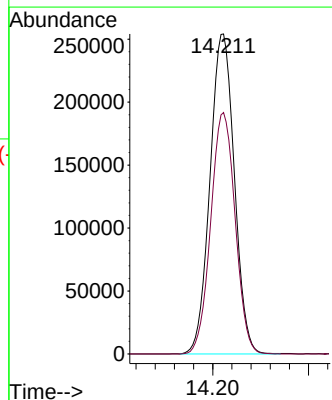
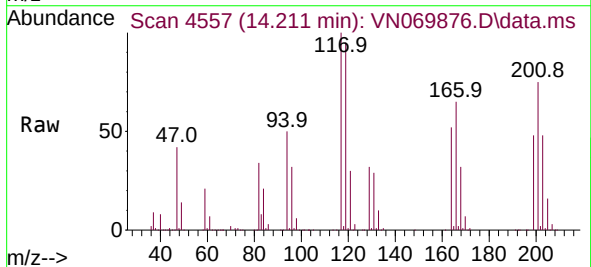
Manual Integrations
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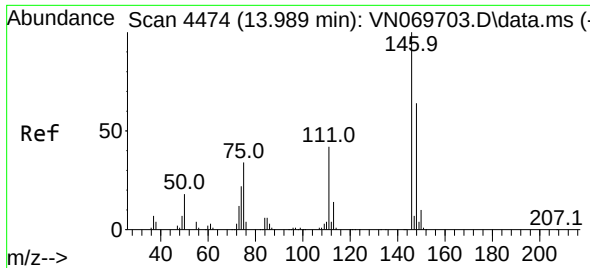
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#90
Hexachloroethane
Concen: 51.486 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

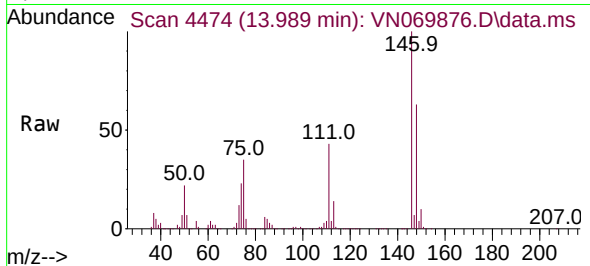
Tgt Ion:117 Resp: 447875
Ion Ratio Lower Upper
117 100
201 75.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 47.531 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

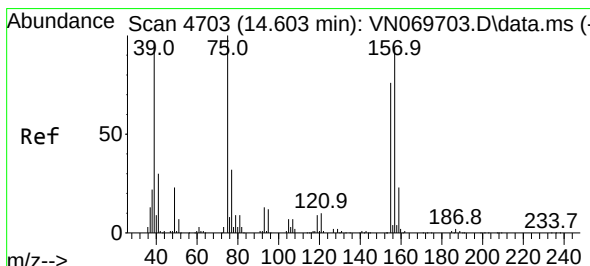
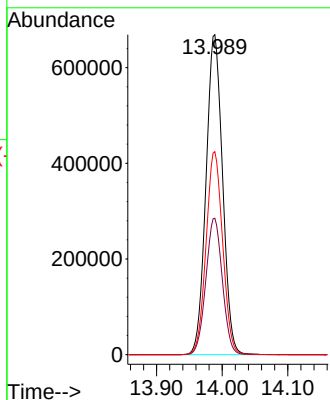
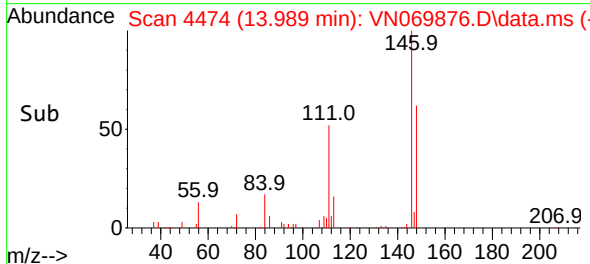
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



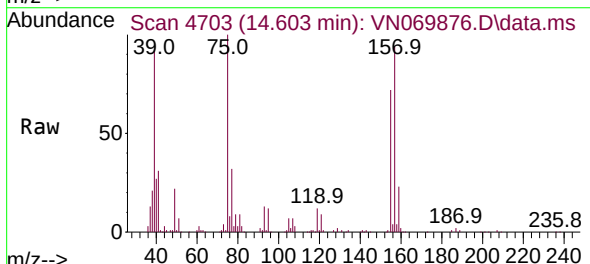
Tgt Ion:146 Resp: 117178
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 63.6 32.1 96.3

Manual Integrations
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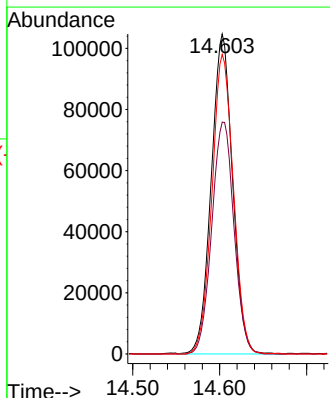
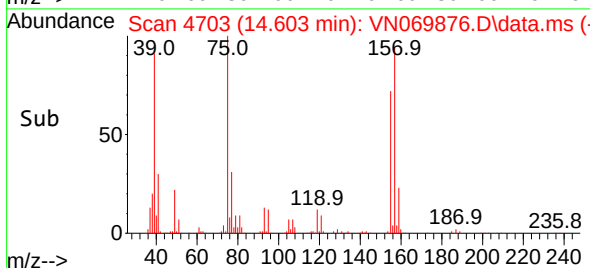
Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021

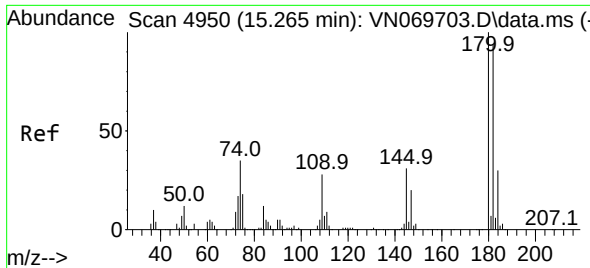


#92
1,2-Dibromo-3-Chloropropane
Concen: 43.533 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35



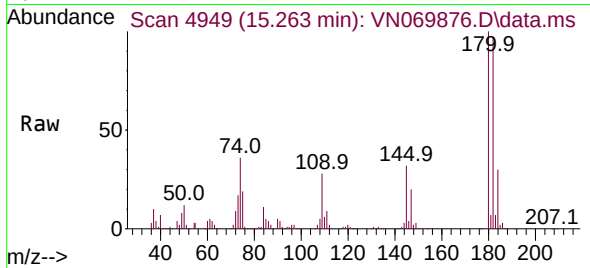
Tgt Ion: 75 Resp: 178366
Ion Ratio Lower Upper
75 100
155 75.2 46.9 140.7
157 94.1 60.6 181.7





#93
 1,2,4-Trichlorobenzene
 Concen: 42.263 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN069876.D
 Acq: 8 Dec 2021 21:35

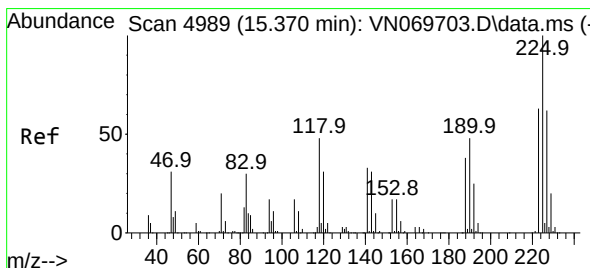
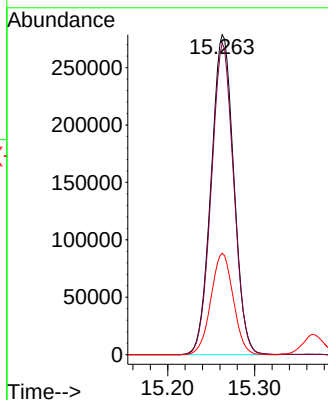
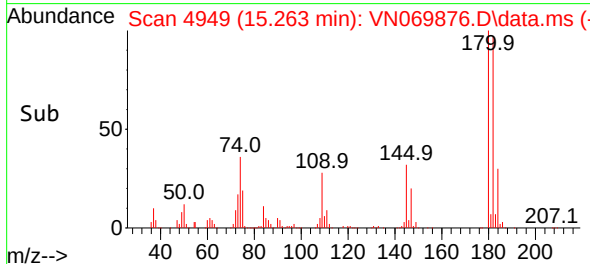
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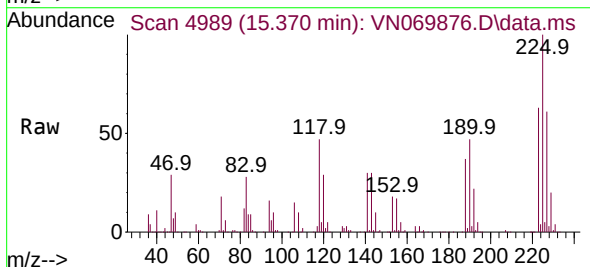
Tgt Ion:180 Resp: 505304
 Ion Ratio Lower Upper
 180 100
 182 95.7 48.3 144.9
 145 31.3 14.5 43.5

Manual Integrations
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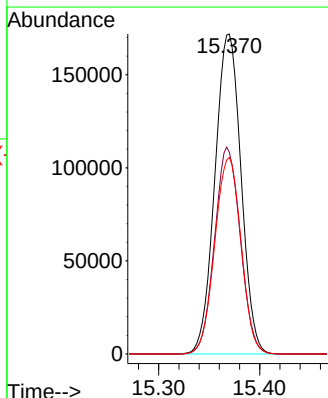
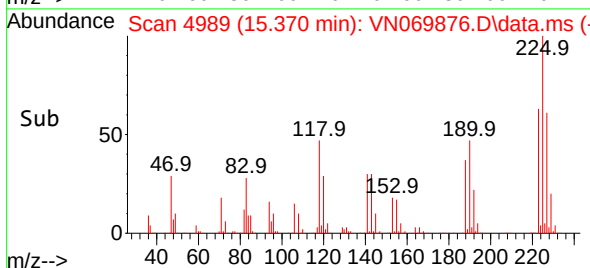
Reviewed By :John Carlone 12/10/2021
 Supervised By :Mahesh Dadoda 12/15/2021

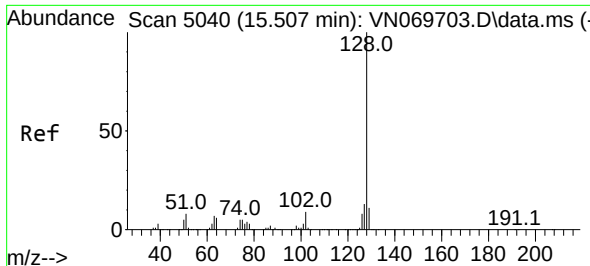


#94
 Hexachlorobutadiene
 Concen: 47.310 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: VN069876.D
 Acq: 8 Dec 2021 21:35



Tgt Ion:225 Resp: 309109
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.9 95.7
 227 61.7 32.1 96.3





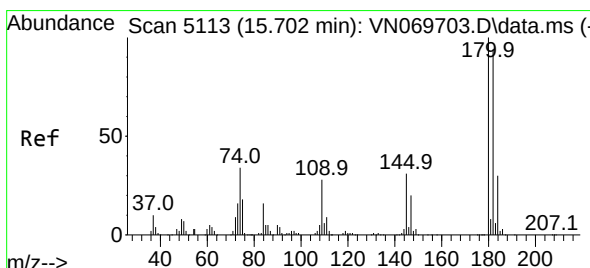
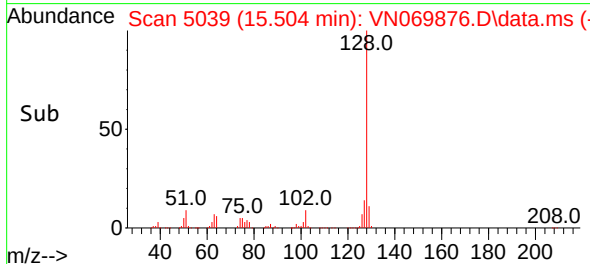
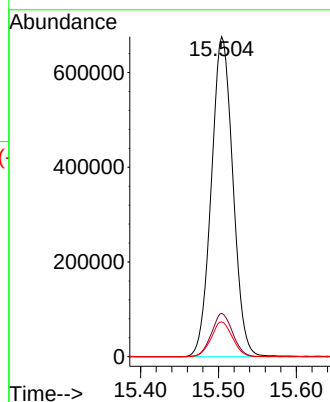
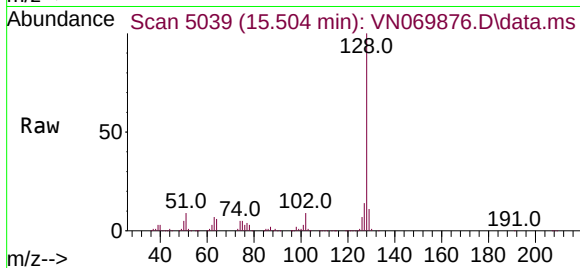
#95
Naphthalene
Concen: 37.205 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 130008
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/10/2021
Supervised By :Mahesh Dadoda 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 41.841 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069876.D
Acq: 8 Dec 2021 21:35

Tgt Ion:180 Resp: 488133
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 32.4 15.0 45.1

