

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120221\
 Data File : VN069705.D
 Acq On : 2 Dec 2021 19:46
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 03 07:50:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 07:46:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1199484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2034842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2011673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	876612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	2839071	157.243	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 314.480%#			
35) Dibromofluoromethane	8.021	113	1961368	156.000	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 312.000%#			
50) Toluene-d8	10.443	98	7846891	158.853	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 317.700%#			
62) 4-Bromofluorobenzene	12.733	95	3135357	173.532	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 347.060%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	2271872	171.776	ug/l	100
3) Chloromethane	2.298	50	2556711	164.286	ug/l	99
4) Vinyl Chloride	2.443	62	2452474	160.478	ug/l	98
5) Bromomethane	2.815	94	1215779	124.576	ug/l	99
6) Chloroethane	2.976	64	1427068	140.516	ug/l	99
7) Trichlorofluoromethane	3.352	101	3168076	138.280	ug/l	99
8) Diethyl Ether	3.816	74	1264380	164.133	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.191	101	1786271	160.232	ug/l	97
10) Methyl Iodide	4.406	142	2673344	187.180	ug/l	98
11) Tert butyl alcohol	5.398	59	2885181	879.009	ug/l	99
12) 1,1-Dichloroethene	4.164	96	1775623	175.339	ug/l	90
13) Acrolein	4.036	56	2269057	2248.466	ug/l	99
14) Allyl chloride	4.830	41	4117454	182.924	ug/l	93
15) Acrylonitrile	5.554	53	7287346	867.951	ug/l	98
16) Acetone	4.288	43	7692931	781.805	ug/l	97
17) Carbon Disulfide	4.516	76	5007396	204.167	ug/l	99
18) Methyl Acetate	4.851	43	4988010	158.488	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	7054752	166.973	ug/l	96
20) Methylene Chloride	5.087	84	2166996	157.827	ug/l	87
21) trans-1,2-Dichloroethene	5.589	96	1913516	169.604	ug/l	87
22) Diisopropyl ether	6.498	45	7991850	167.488	ug/l	94
23) Vinyl Acetate	6.423	43	32151031m	860.953	ug/l	
24) 1,1-Dichloroethane	6.382	63	4089580	167.842	ug/l	99
25) 2-Butanone	7.337	43	11400570	855.018	ug/l	92
26) 2,2-Dichloropropane	7.324	77	3219588	170.669	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	2315424	166.521	ug/l	86
28) Bromochloromethane	7.656	49	2150388	171.410	ug/l #	79
29) Tetrahydrofuran	7.686	42	7250912	889.392	ug/l	89
30) Chloroform	7.817	83	4067338	163.655	ug/l	100
31) Cyclohexane	8.094	56	3821023	154.618	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	3622397	173.939	ug/l	97
36) 1,1-Dichloropropene	8.220	75	3032730	171.699	ug/l	96
37) Ethyl Acetate	7.415	43	4294857	176.999	ug/l	97
38) Carbon Tetrachloride	8.206	117	3054530	178.729	ug/l	99
39) Methylcyclohexane	9.459	83	3670023	168.526	ug/l	90
40) Benzene	8.458	78	8942922	164.144	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	2260390	180.417	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	3590463	167.489	ug/l	97
43) Isopropyl Acetate	8.563	43	6836936	177.728	ug/l	94
44) Trichloroethene	9.215	130	2213929	169.659	ug/l	92
45) 1,2-Dichloropropane	9.491	63	2423975	166.929	ug/l	100
46) Dibromomethane	9.577	93	1589298	163.633	ug/l	94
47) Bromodichloromethane	9.762	83	3236770	178.571	ug/l	100
48) Methyl methacrylate	9.561	41	3474243	193.503	ug/l #	81
49) 1,4-Dioxane	9.571	88	1118466	3464.651	ug/l #	86
51) 4-Methyl-2-Pentanone	10.325	43	19513114m	783.187	ug/l	
52) Toluene	10.507	92	5654315	167.608	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	3758724	197.609	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	3877492	186.809	ug/l	89
55) 1,1,2-Trichloroethane	10.899	97	2286612	168.404	ug/l	98
56) Ethyl methacrylate	10.762	69	4312642	190.324	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	3994260	166.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	6041417	1123.716	ug/l	92
59) 2-Hexanone	11.084	43	16374272	880.582	ug/l	97
60) Dibromochloromethane	11.240	129	2447498	191.712	ug/l	99
61) 1,2-Dibromoethane	11.347	107	2469925	178.957	ug/l	100
64) Tetrachloroethene	10.979	164	1942231	154.847	ug/l	95
65) Chlorobenzene	11.771	112	6168555	160.569	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	2250139	168.445	ug/l	99
67) Ethyl Benzene	11.846	91	11375304	160.376	ug/l	97
68) m/p-Xylenes	11.953	106	8530811	328.288	ug/l	97
69) o-Xylene	12.280	106	4367575	168.447	ug/l	93
70) Styrene	12.296	104	7340445	176.153	ug/l	95
71) Bromoform	12.460	173	1933479	201.029	ug/l #	100
73) Isopropylbenzene	12.580	105	11339478	158.052	ug/l	99
74) N-amyl acetate	12.387	43	5568336	181.407	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	3553680	146.157	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	3536585m	155.916	ug/l	
77) Bromobenzene	12.862	156	2674337	162.287	ug/l	79
78) n-propylbenzene	12.921	91	13202730	163.499	ug/l	97
79) 2-Chlorotoluene	13.010	91	8109131	161.789	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	9418412	162.224	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	1223381	191.917	ug/l	99
82) 4-Chlorotoluene	13.106	91	7883658	165.188	ug/l	93
83) tert-Butylbenzene	13.323	119	8234604	161.949	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	9061123	161.835	ug/l	98
85) sec-Butylbenzene	13.503	105	11590876	163.728	ug/l	98
86) p-Isopropyltoluene	13.616	119	9281342	165.603	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	4434611	156.706	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	4338318	156.594	ug/l	98
89) n-Butylbenzene	13.943	91	8043910	172.955	ug/l	97
90) Hexachloroethane	14.211	117	1692599	181.891	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	4169345	154.530	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	792655	198.576	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	2276642	192.574	ug/l	98
94) Hexachlorobutadiene	15.370	225	1067408	151.806	ug/l	99
95) Naphthalene	15.507	128	6928903	214.810	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	2200283	192.838	ug/l	98

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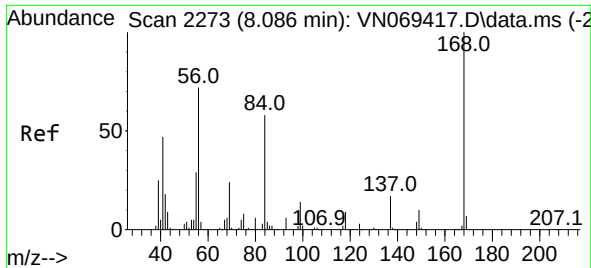
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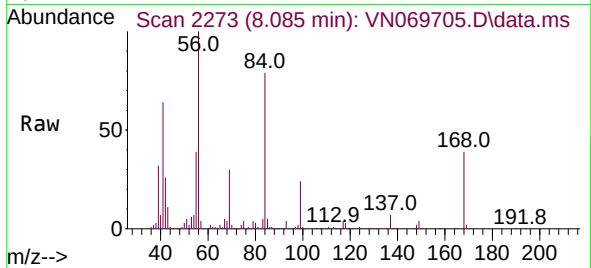
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
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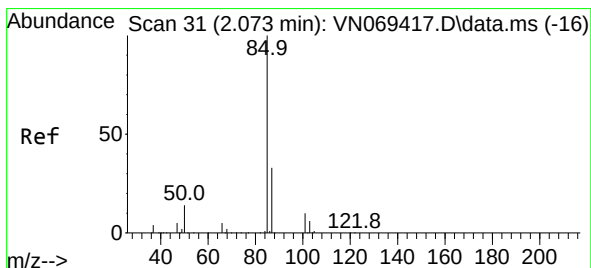
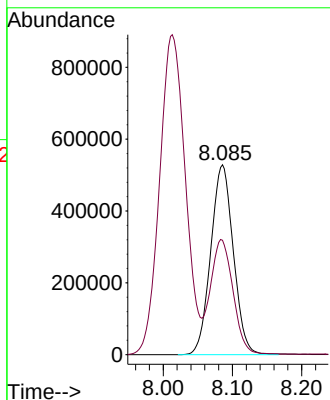
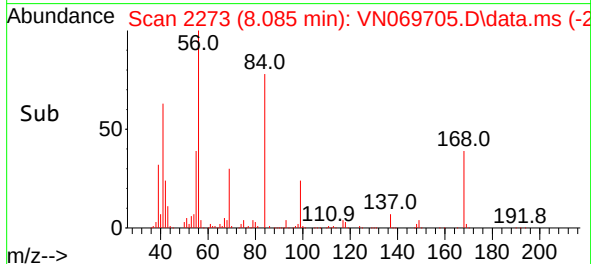
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 1199484
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9

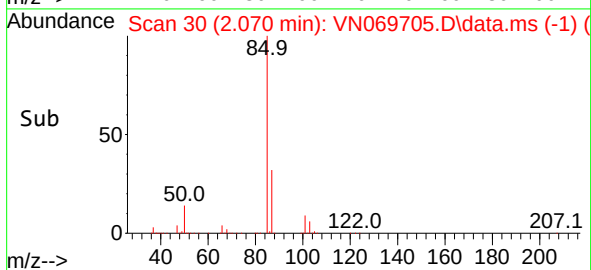
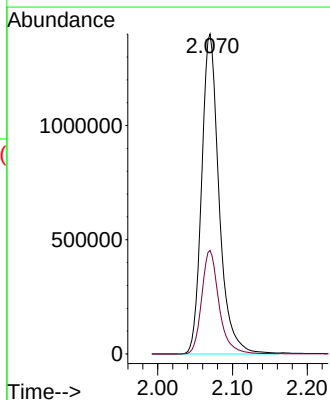
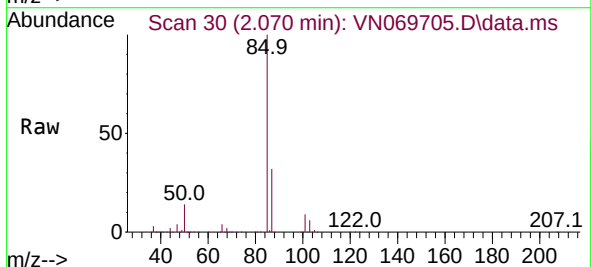
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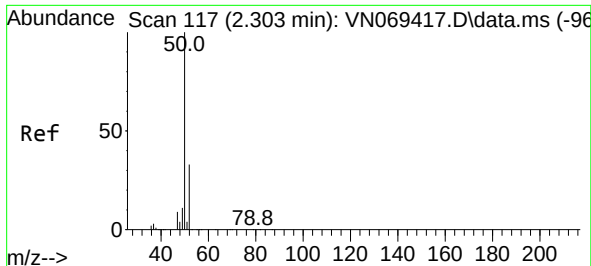
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#2
Dichlorodifluoromethane
Concen: 171.776 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Tgt Ion: 85 Resp: 2271872
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





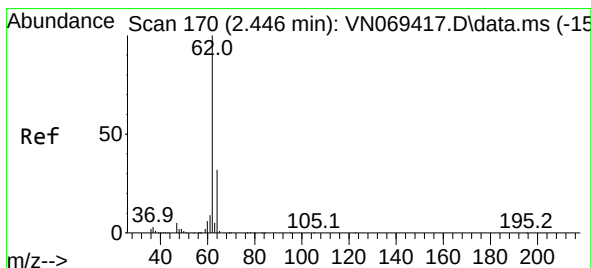
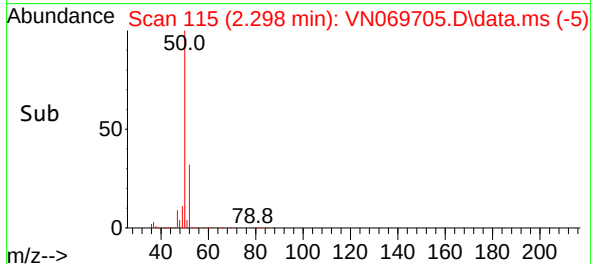
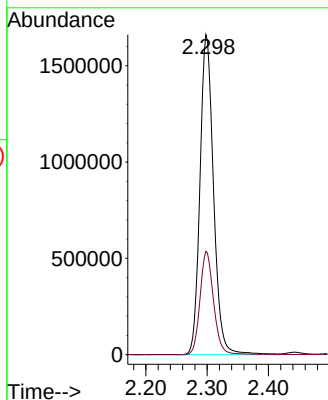
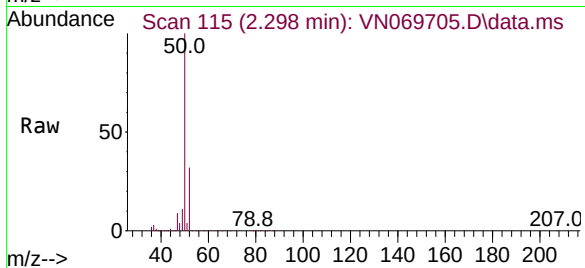
#3
Chloromethane
Concen: 164.286 ug/l
RT: 2.298 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN069705.D
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Tgt Ion: 50 Resp: 255671
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

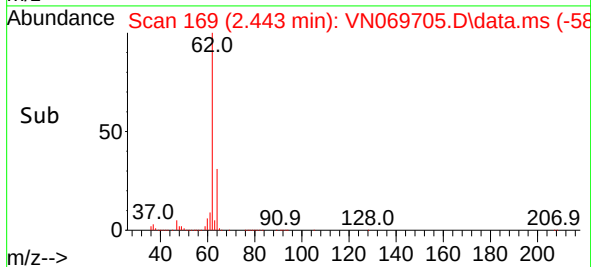
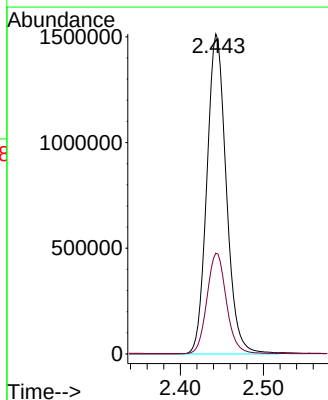
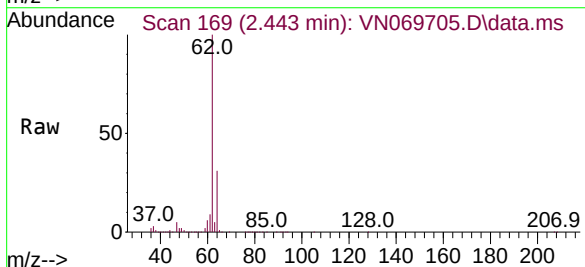
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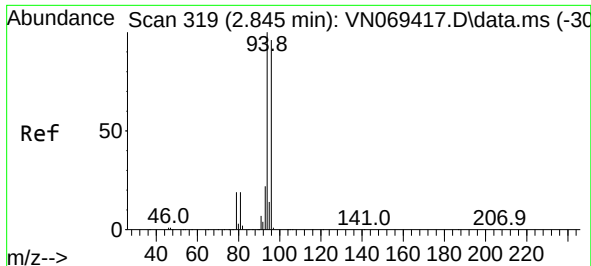
Reviewed By :John Carlone 12/03/2021
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#4
Vinyl Chloride
Concen: 160.478 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN069705.D
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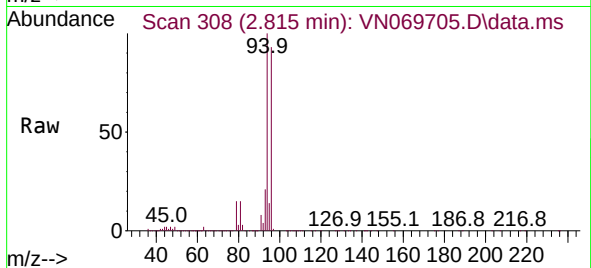
Tgt Ion: 62 Resp: 2452474
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 124.576 ug/l
RT: 2.815 min Scan# 308
Delta R.T. -0.021 min
Lab File: VN069705.D
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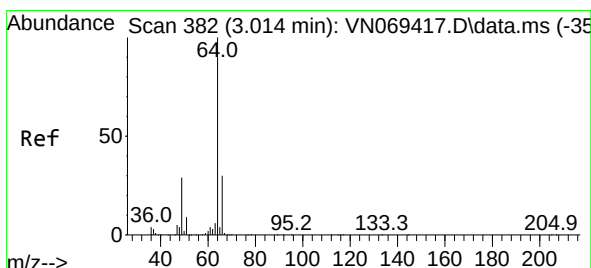
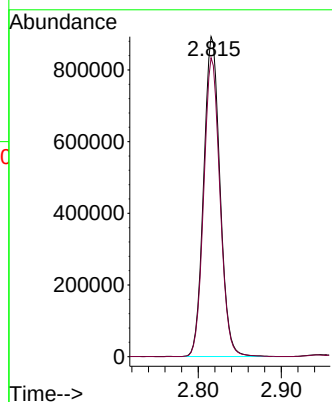
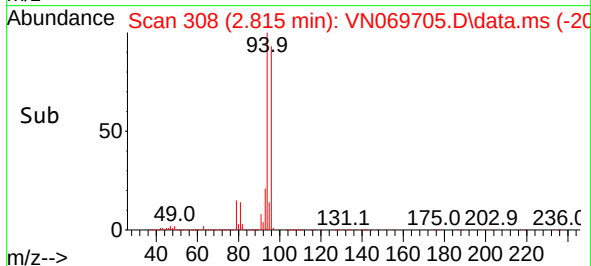
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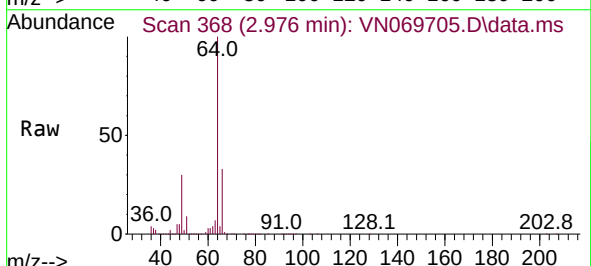
Tgt Ion: 94 Resp: 1215779
Ion Ratio Lower Upper
94 100
96 93.4 73.8 110.8

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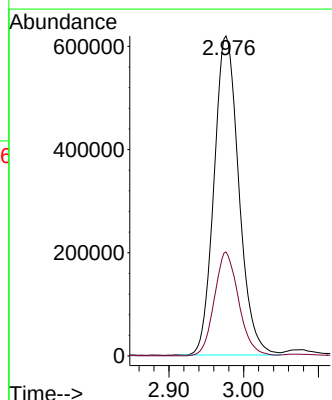
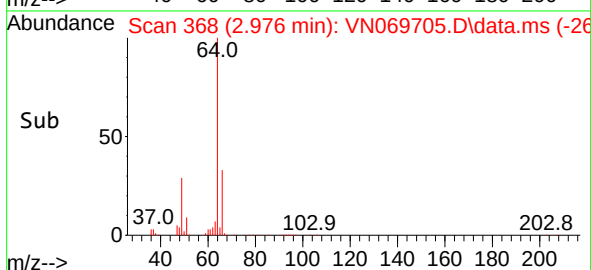
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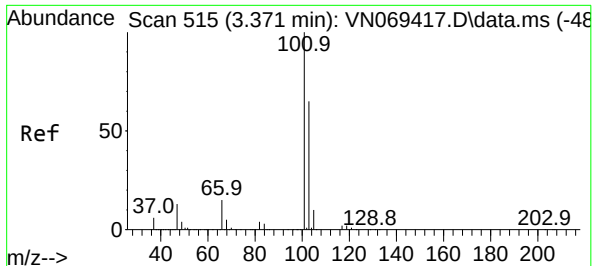


#6
Chloroethane
Concen: 140.516 ug/l
RT: 2.976 min Scan# 368
Delta R.T. -0.032 min
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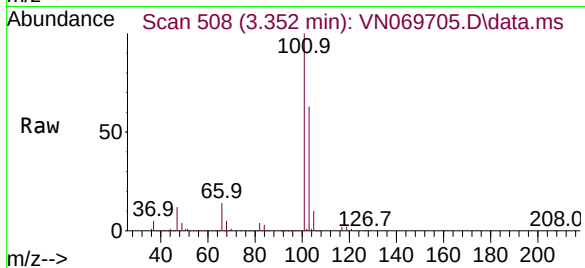
Tgt Ion: 64 Resp: 1427068
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 138.280 ug/l
 RT: 3.352 min Scan# 508
 Delta R.T. -0.016 min
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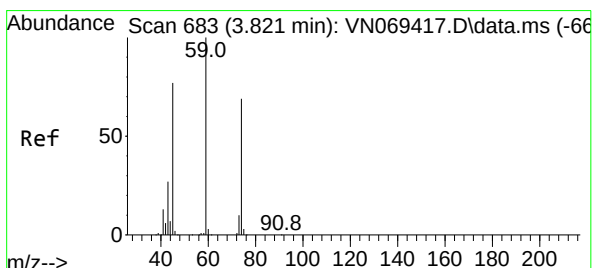
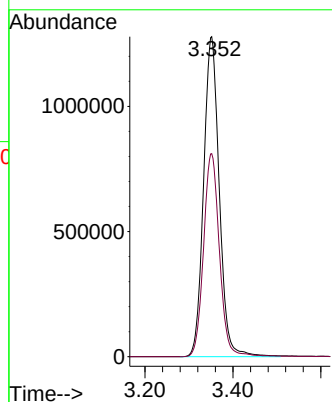
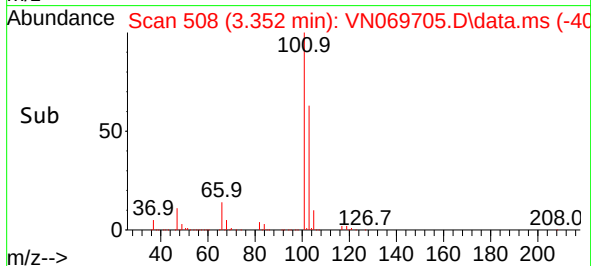
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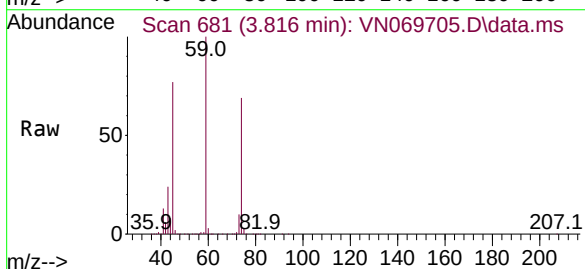
Tgt Ion:101 Resp: 3168070
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1

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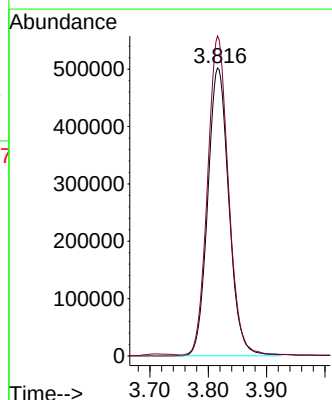
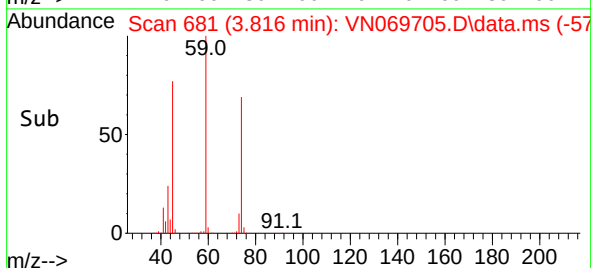
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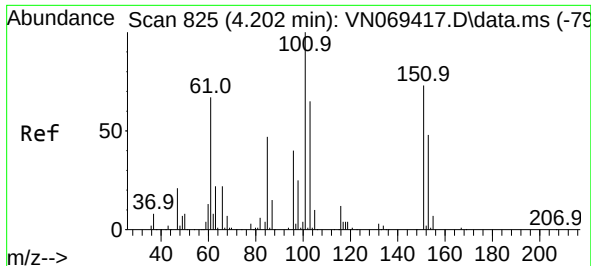


#8
 Diethyl Ether
 Concen: 164.133 ug/l
 RT: 3.816 min Scan# 681
 Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 1264380
 Ion Ratio Lower Upper
 74 100
 45 109.2 47.0 141.2





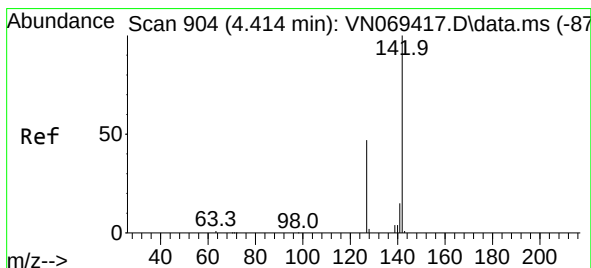
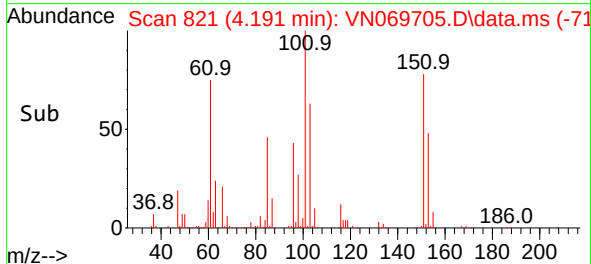
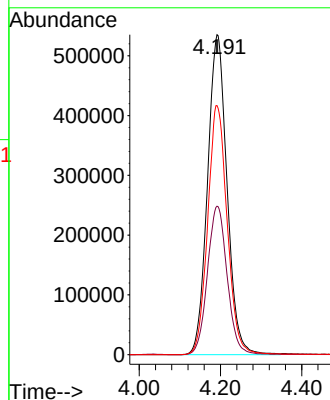
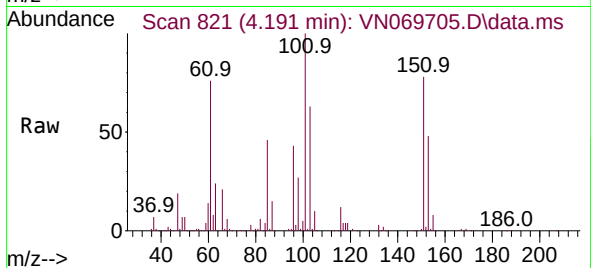
#9
1,1,2-Trichlorotrifluoroethane
Concen: 160.232 ug/l
RT: 4.191 min Scan# 81
Delta R.T. -0.011 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 178627
Ion Ratio Lower Upper
101 100
85 46.9 37.2 55.8
151 77.9 65.9 98.9

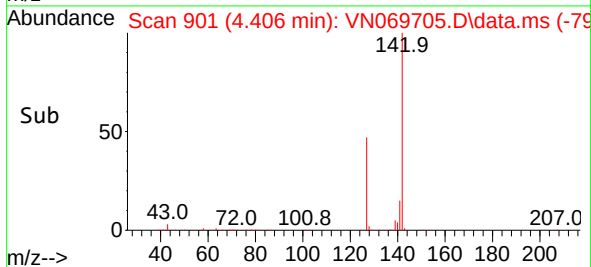
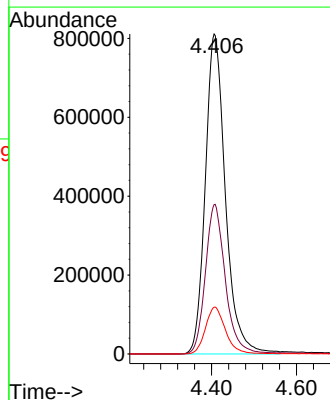
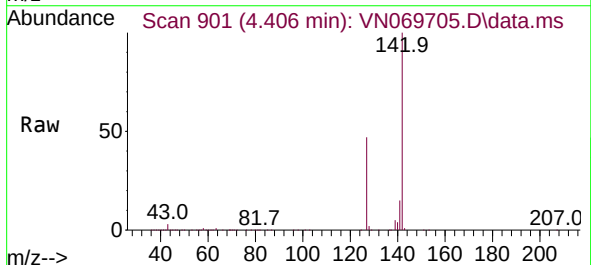
Manual Integrations
APPROVED

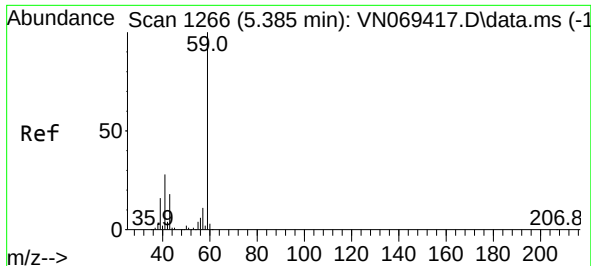
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 187.180 ug/l
RT: 4.406 min Scan# 901
Delta R.T. -0.008 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

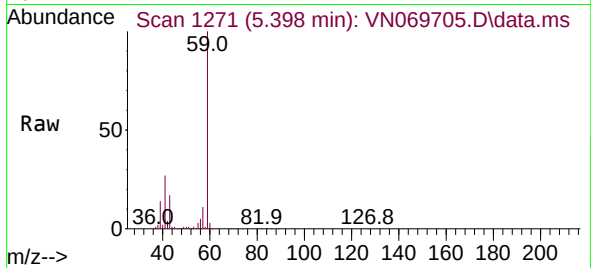
Tgt Ion:142 Resp: 2673344
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.0
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 879.009 ug/l
RT: 5.398 min Scan# 11
Delta R.T. 0.008 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

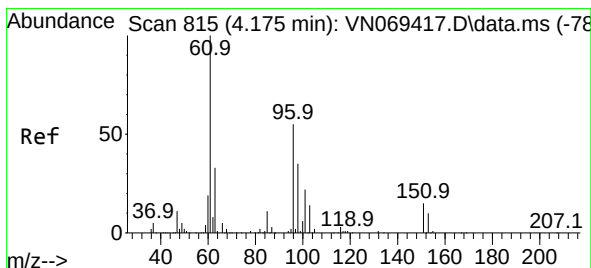
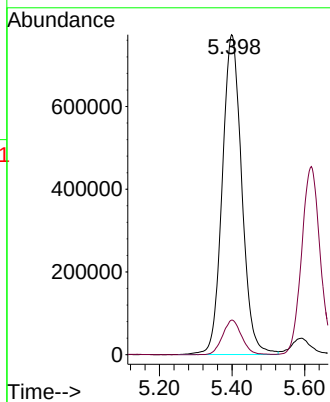
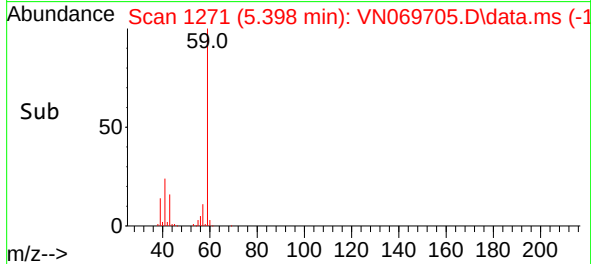
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



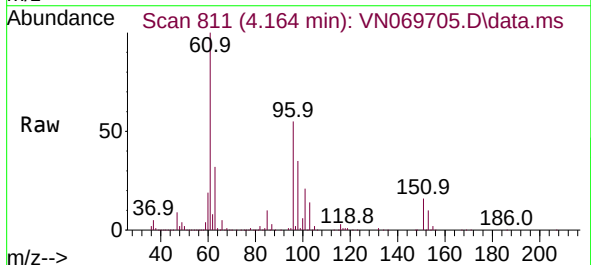
Tgt Ion: 59 Resp: 288518
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
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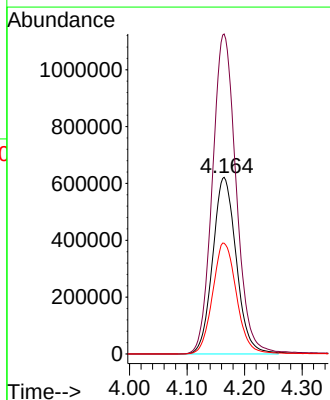
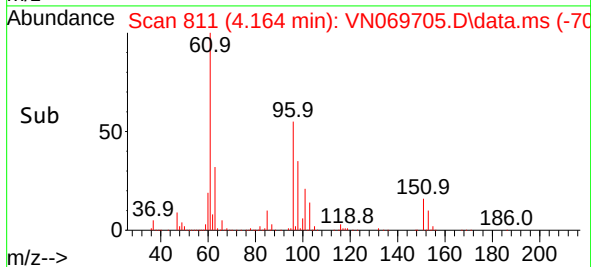
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

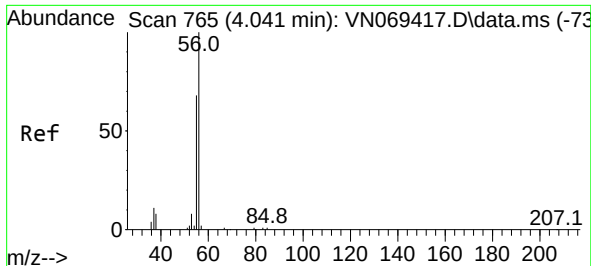


#12
1,1-Dichloroethene
Concen: 175.339 ug/l
RT: 4.164 min Scan# 811
Delta R.T. -0.011 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



Tgt Ion: 96 Resp: 1775623
Ion Ratio Lower Upper
96 100
61 181.2 131.0 196.6
98 62.7 52.4 78.6





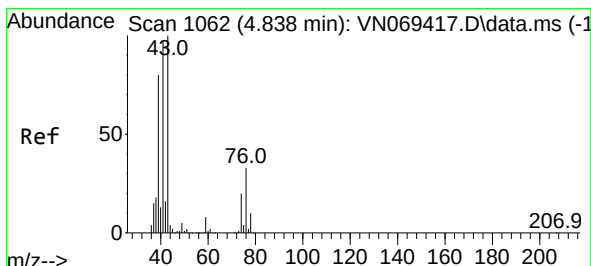
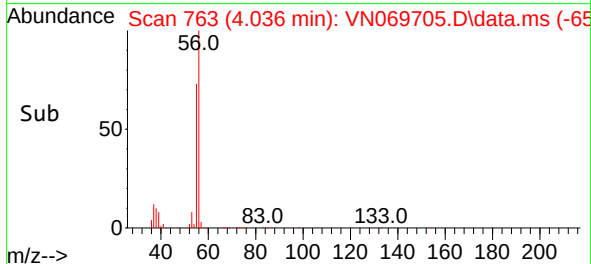
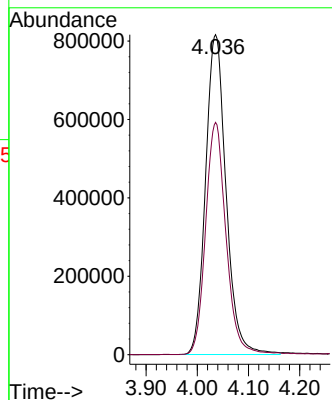
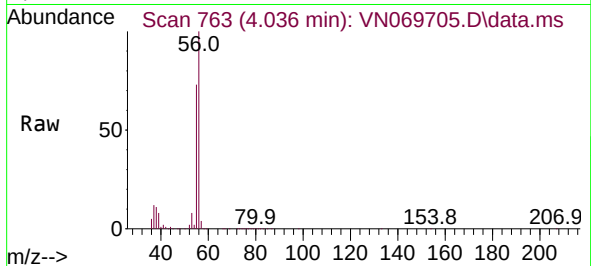
#13
Acrolein
Concen: 2248.466 ug/l
RT: 4.036 min Scan# 70
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 56 Resp: 226905
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

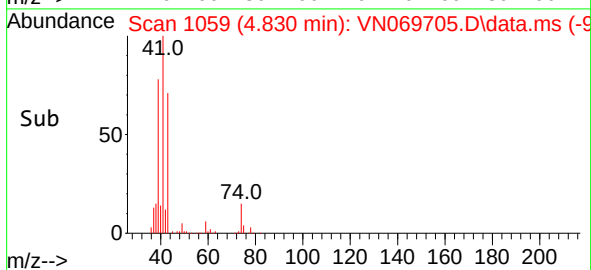
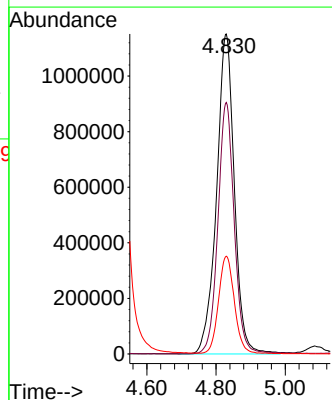
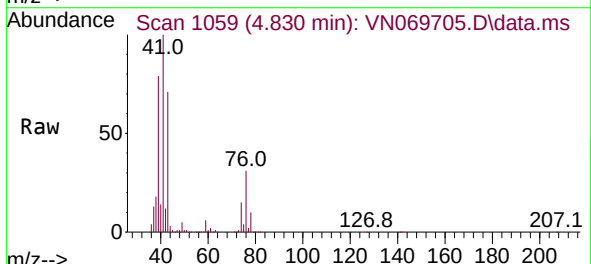
Manual Integrations
APPROVED

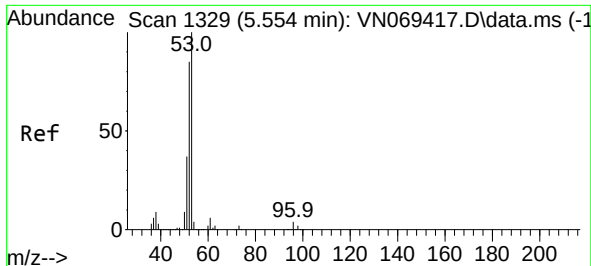
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#14
Allyl chloride
Concen: 182.924 ug/l
RT: 4.830 min Scan# 1059
Delta R.T. -0.008 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

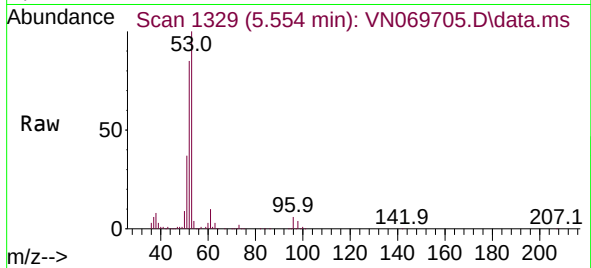
Tgt Ion: 41 Resp: 4117454
Ion Ratio Lower Upper
41 100
39 71.9 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 867.951 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

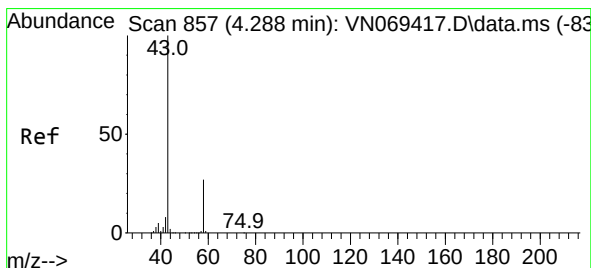
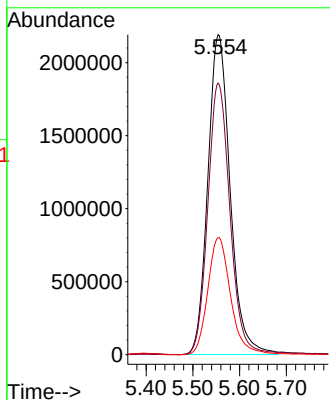
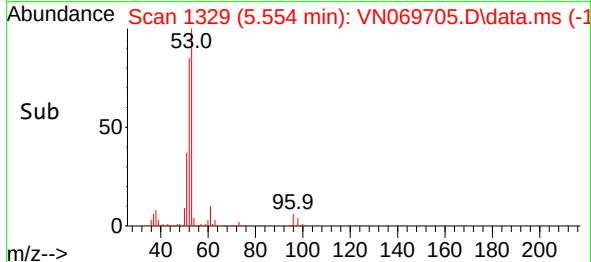
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 7287340
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.2
51 37.5 29.6 44.4

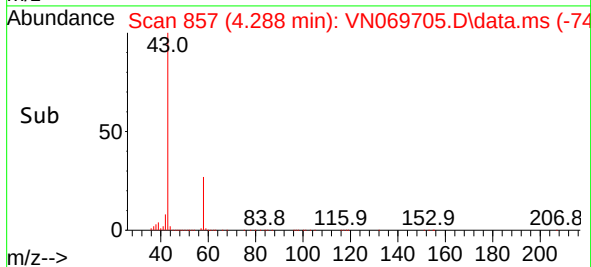
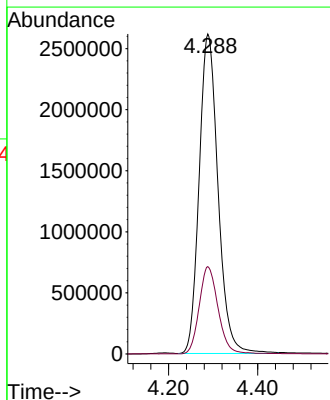
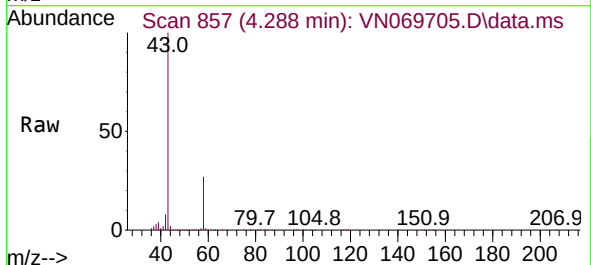
Manual Integrations
APPROVED

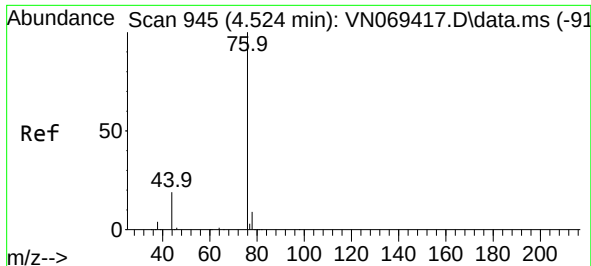
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 781.805 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

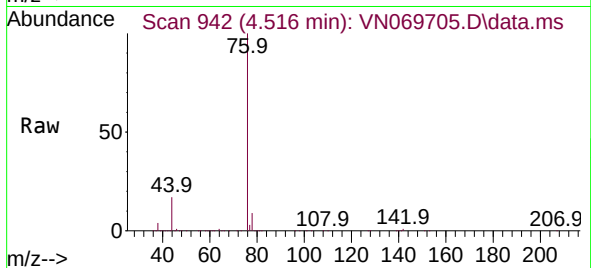
Tgt Ion: 43 Resp: 7692931
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 204.167 ug/l
RT: 4.516 min Scan# 945
Delta R.T. -0.008 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

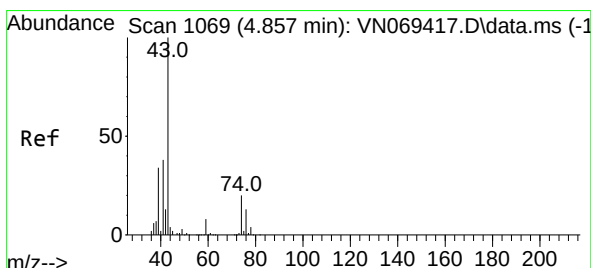
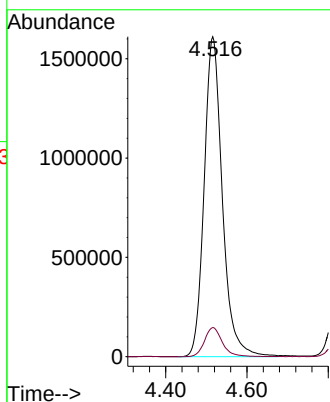
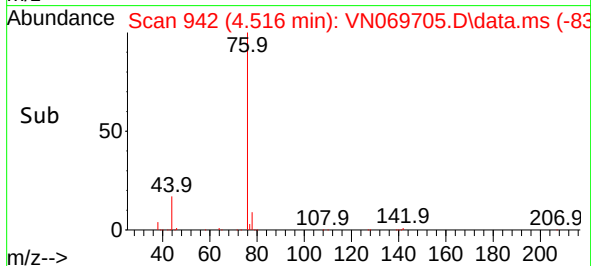
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



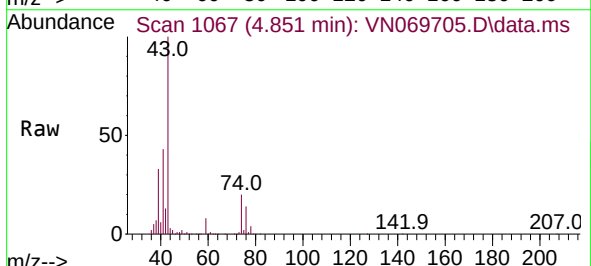
Tgt Ion: 76 Resp: 5007390
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

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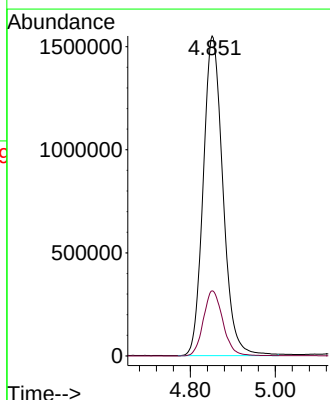
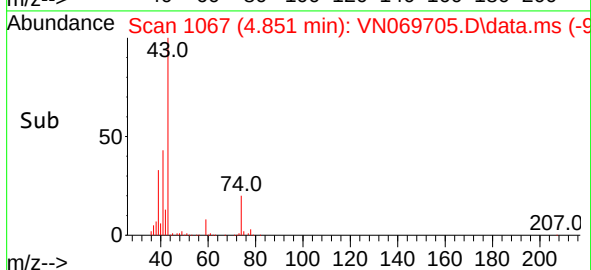
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

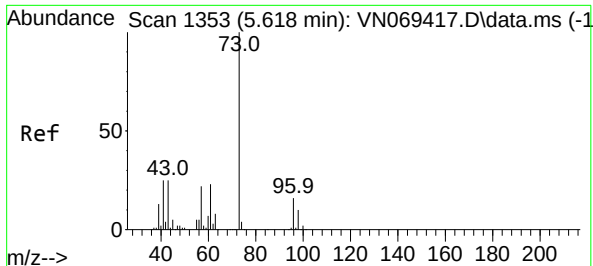


#18
Methyl Acetate
Concen: 158.488 ug/l
RT: 4.851 min Scan# 1067
Delta R.T. -0.005 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



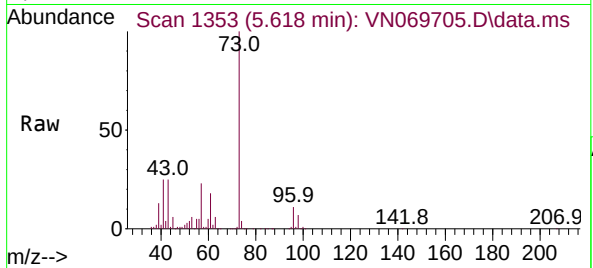
Tgt Ion: 43 Resp: 4988010
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 166.973 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

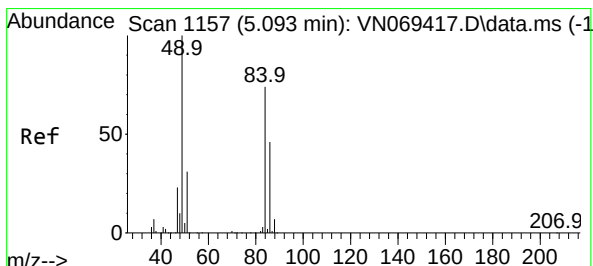
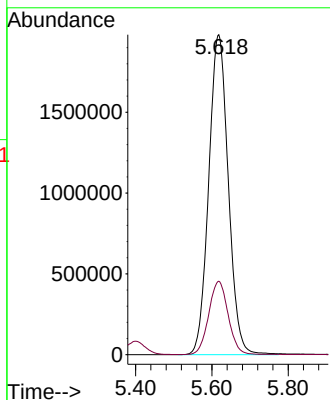
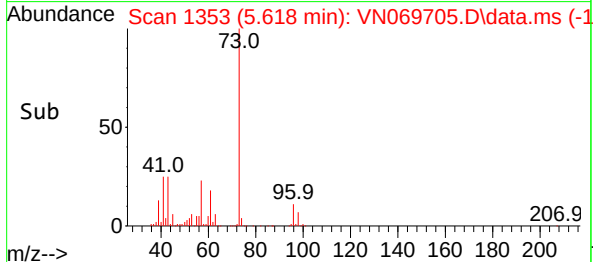
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



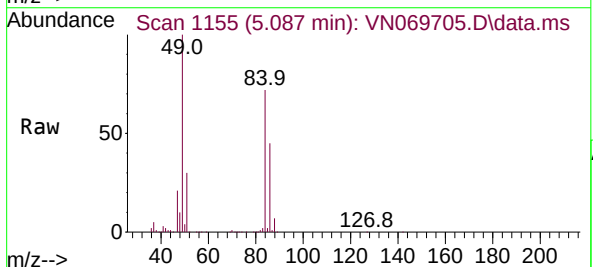
Tgt Ion: 73 Resp: 705475
Ion Ratio Lower Upper
73 100
57 22.9 16.8 25.2

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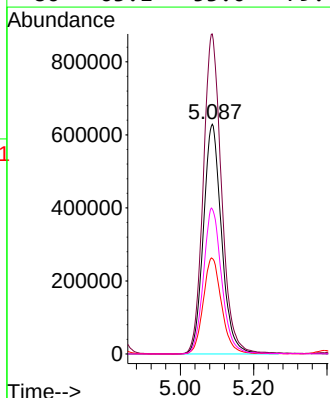
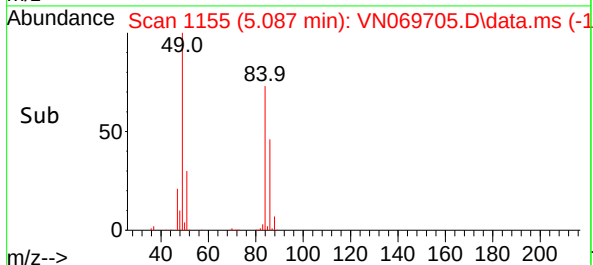
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

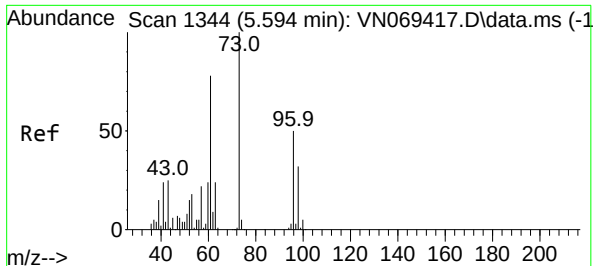


#20
Methylene Chloride
Concen: 157.827 ug/l
RT: 5.087 min Scan# 1155
Delta R.T. -0.005 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



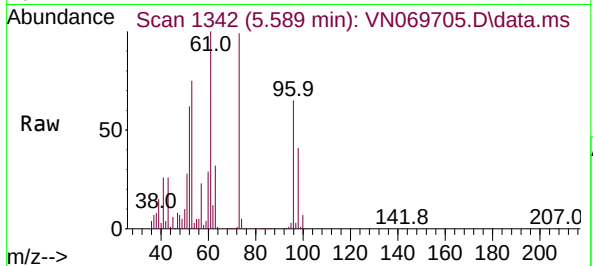
Tgt Ion: 84 Resp: 2166996
Ion Ratio Lower Upper
84 100
49 139.2 93.5 140.3
51 41.6 29.4 44.2
86 63.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 169.604 ug/l
RT: 5.589 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

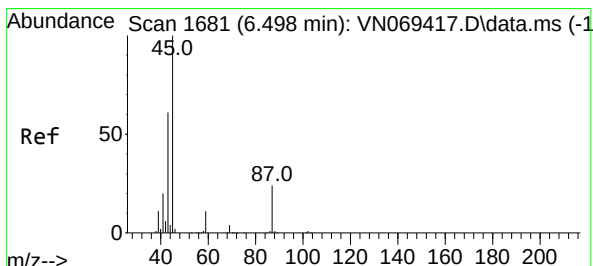
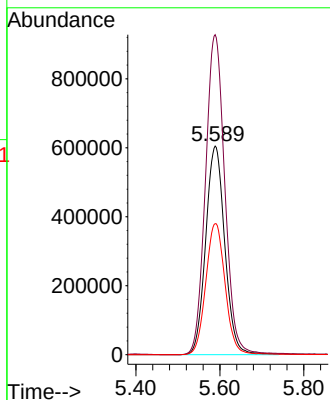
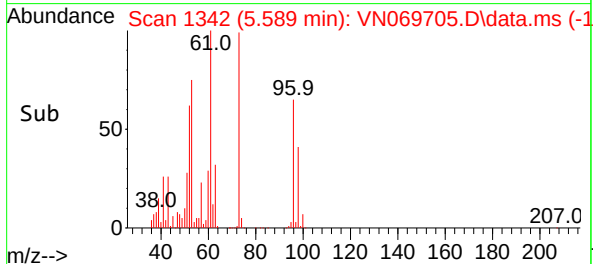
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



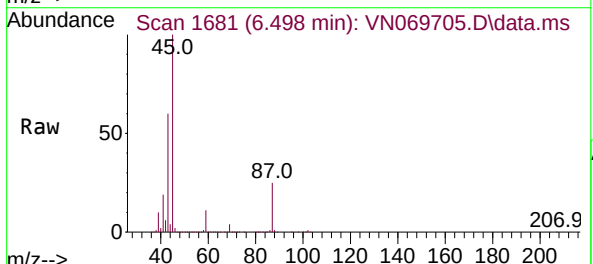
Tgt Ion: 96 Resp: 1913510
Ion Ratio Lower Upper
96 100
61 153.4 105.8 158.6
98 62.8 52.0 78.0

Manual Integrations
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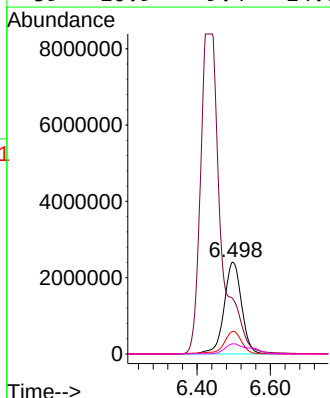
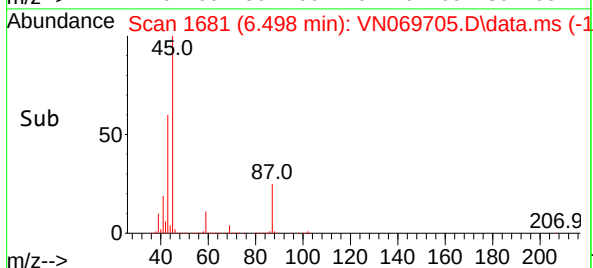
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

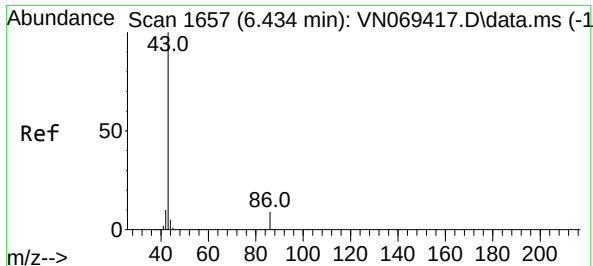


#22
Diisopropyl ether
Concen: 167.488 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



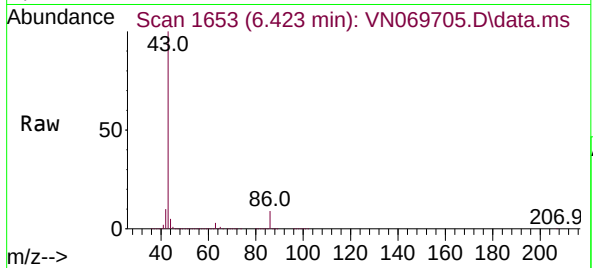
Tgt Ion: 45 Resp: 7991850
Ion Ratio Lower Upper
45 100
43 59.7 51.7 77.5
87 24.5 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 860.953 ug/l m
 RT: 6.423 min Scan# 1653
 Delta R.T. -0.013 min
 Lab File: VN069705.D
 Acq: 2 Dec 2021 19:46

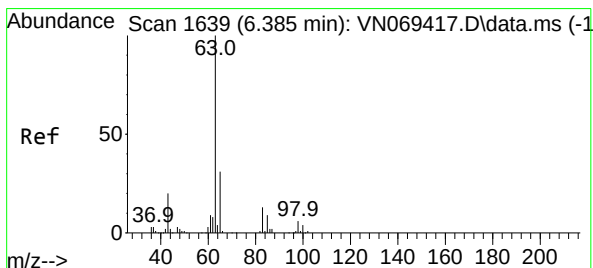
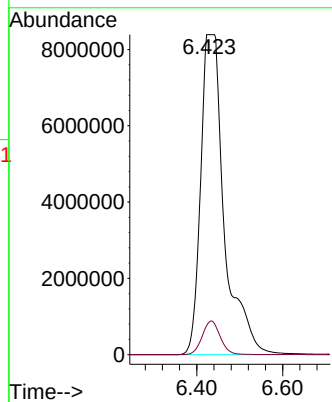
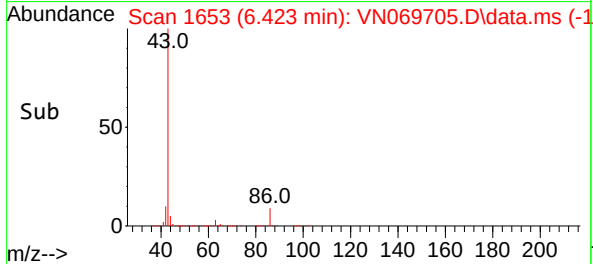
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



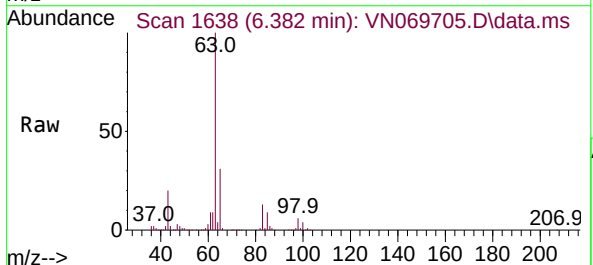
Tgt Ion: 43 Resp: 3215103
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.5 12.7

Manual Integrations
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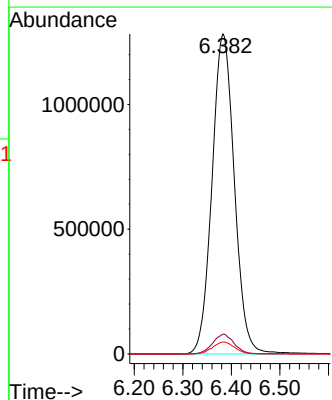
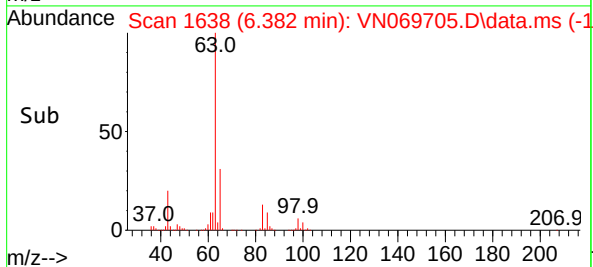
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

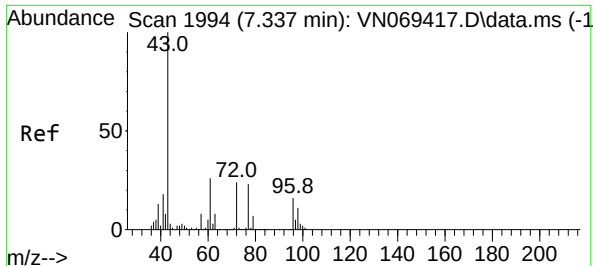


#24
 1,1-Dichloroethane
 Concen: 167.842 ug/l
 RT: 6.382 min Scan# 1638
 Delta R.T. -0.005 min
 Lab File: VN069705.D
 Acq: 2 Dec 2021 19:46



Tgt Ion: 63 Resp: 4089580
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.8 2.1 6.5





#25

2-Butanone

Concen: 855.018 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN069705.D

Acq: 2 Dec 2021 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp:11400570

Ion Ratio Lower Upper

43 100

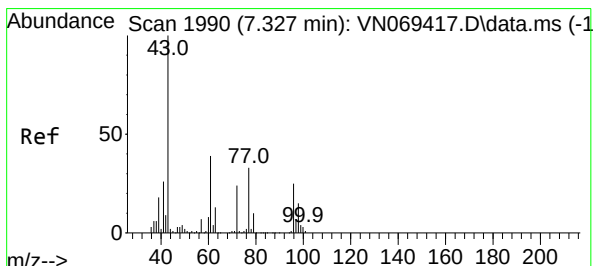
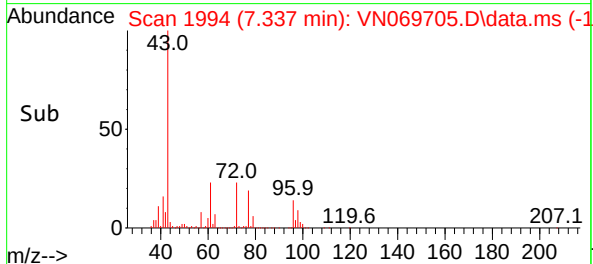
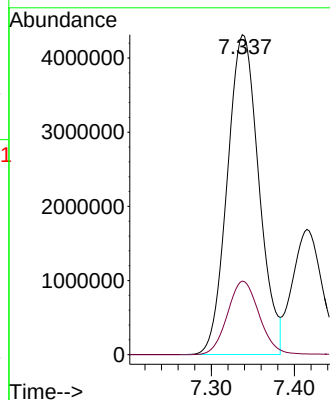
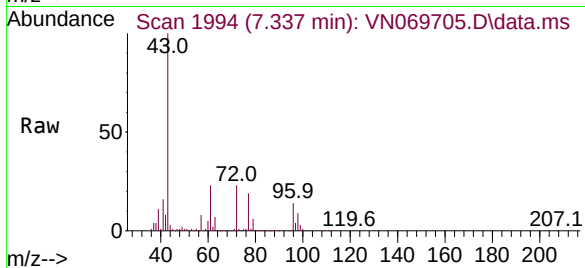
72 23.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 170.669 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069705.D

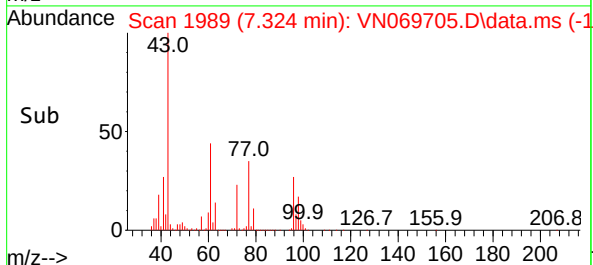
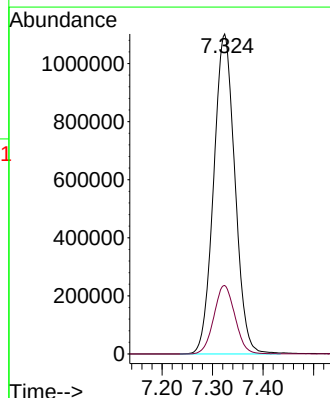
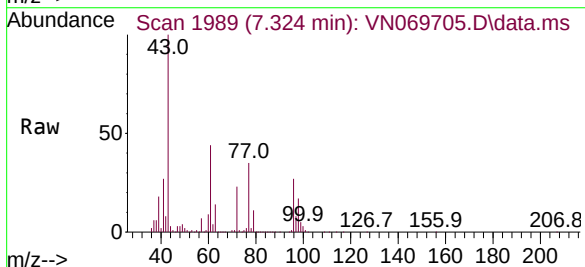
Acq: 2 Dec 2021 19:46

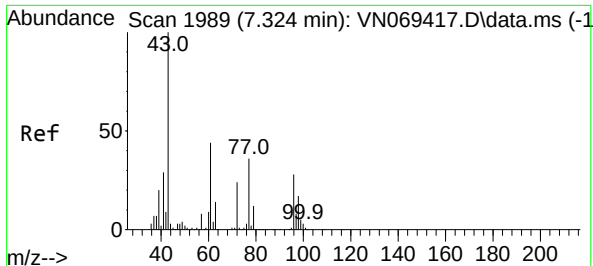
Tgt Ion: 77 Resp: 3219588

Ion Ratio Lower Upper

77 100

97 21.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 166.521 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069705.D

Acq: 2 Dec 2021 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 2315424

Ion Ratio Lower Upper

96 100

61 161.3 0.0 275.0

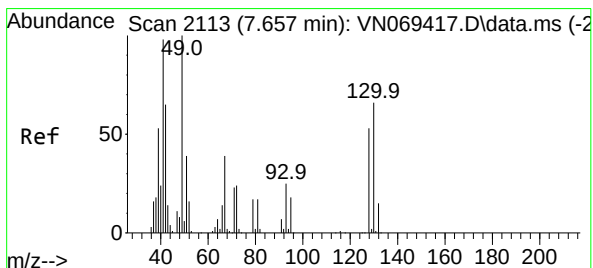
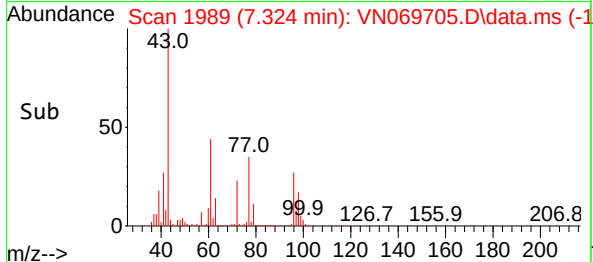
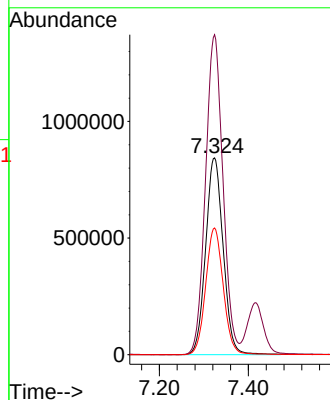
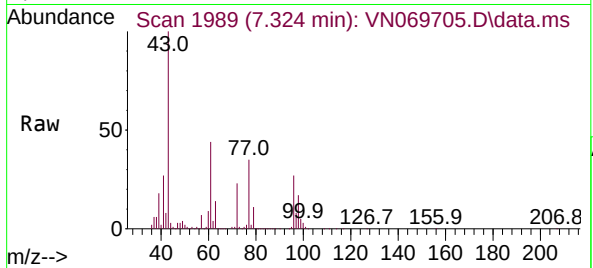
98 64.6 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#28

Bromochloromethane

Concen: 171.410 ug/l

RT: 7.656 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VN069705.D

Acq: 2 Dec 2021 19:46

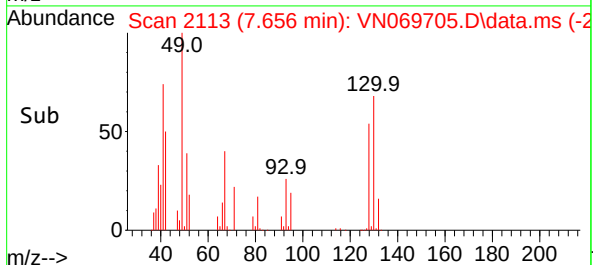
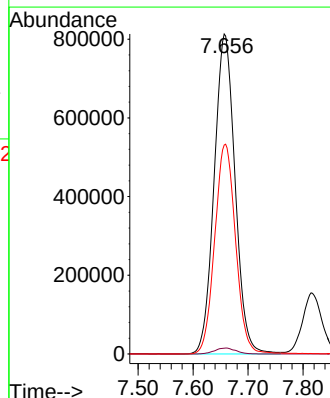
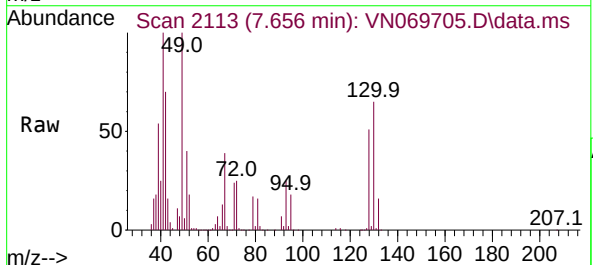
Tgt Ion: 49 Resp: 2150388

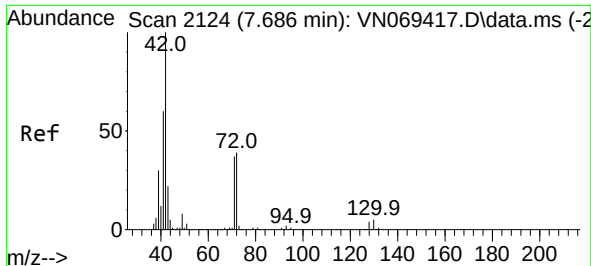
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

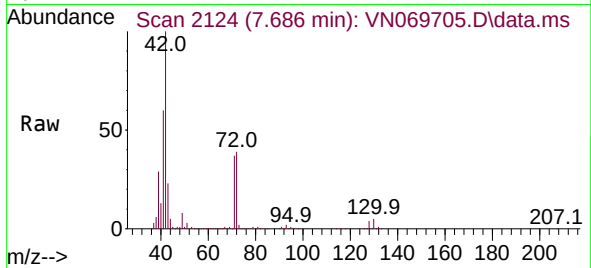
130 65.3 67.8 101.8#





#29
Tetrahydrofuran
Concen: 889.392 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

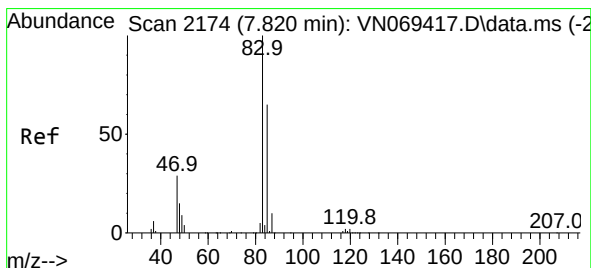
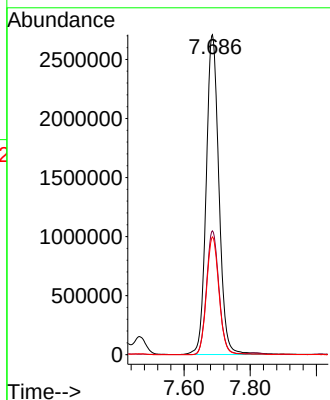
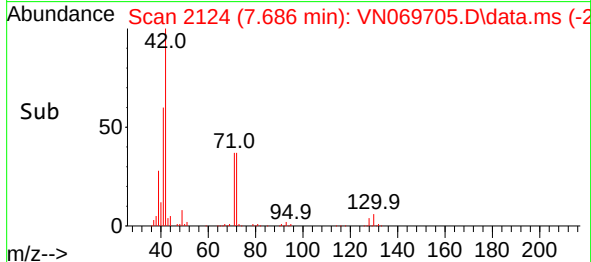
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



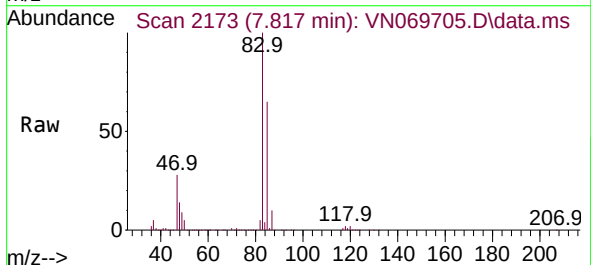
Tgt Ion: 42 Resp: 725091
Ion Ratio Lower Upper
42 100
72 37.9 36.3 54.5
71 36.2 34.7 52.1

Manual Integrations
APPROVED

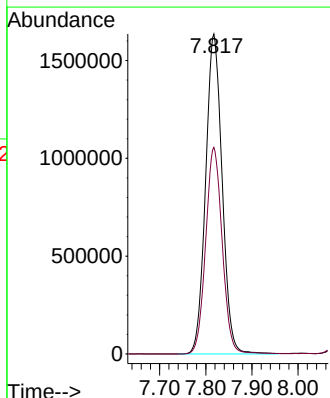
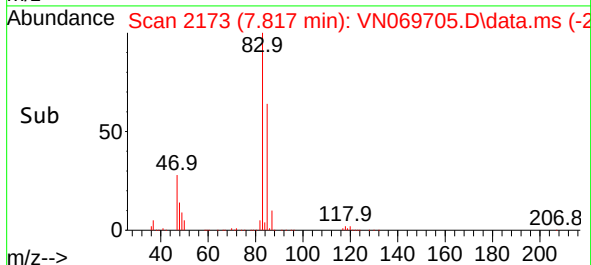
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

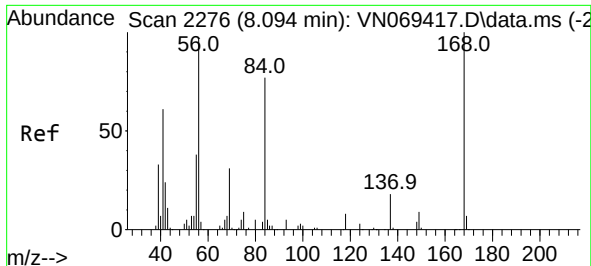


#30
Chloroform
Concen: 163.655 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



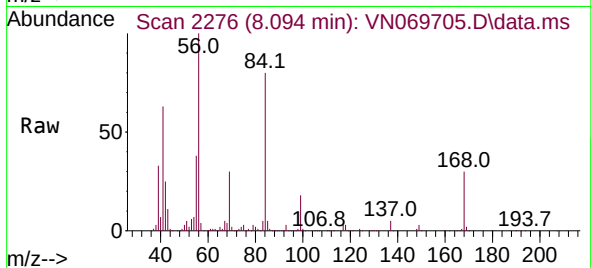
Tgt Ion: 83 Resp: 4067338
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 154.618 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

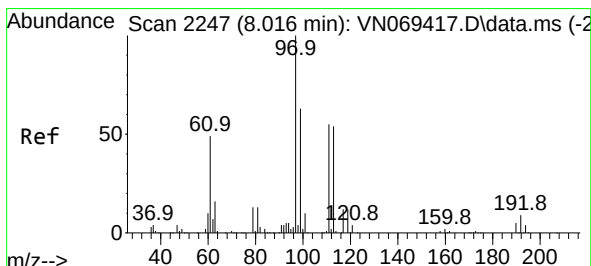
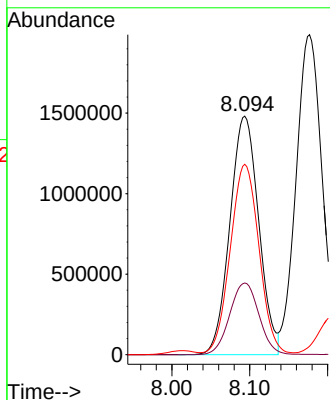
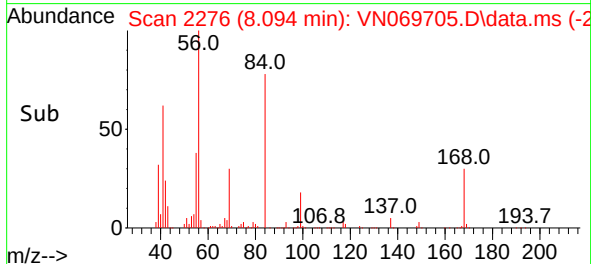
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



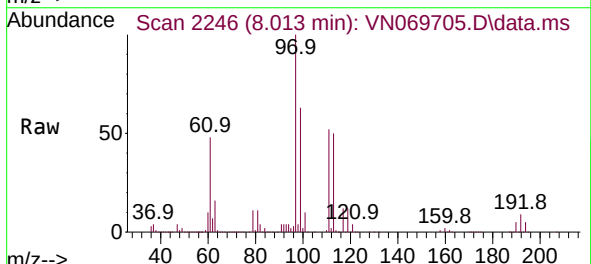
Tgt Ion: 56 Resp: 382102
Ion Ratio Lower Upper
56 100
69 30.0 27.1 40.7
84 78.3 73.4 110.0

Manual Integrations
APPROVED

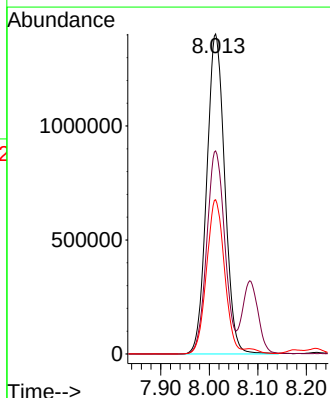
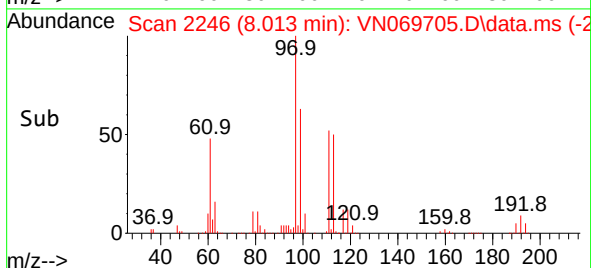
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

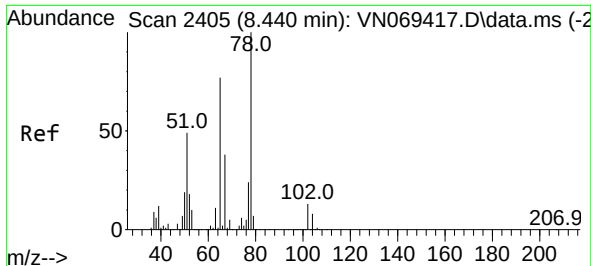


#32
1,1,1-Trichloroethane
Concen: 173.939 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



Tgt Ion: 97 Resp: 3622397
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 48.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 157.243 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.000 min

Lab File: VN069705.D

Acq: 2 Dec 2021 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 65 Resp: 283907

Ion Ratio Lower Upper

65 100

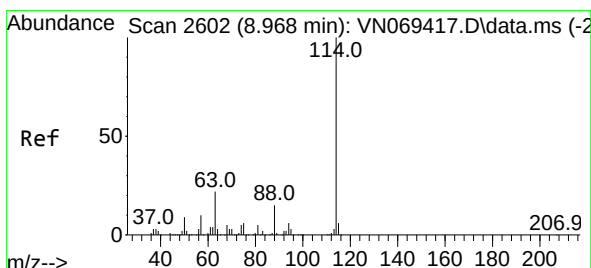
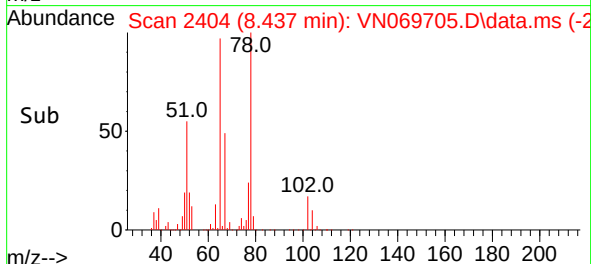
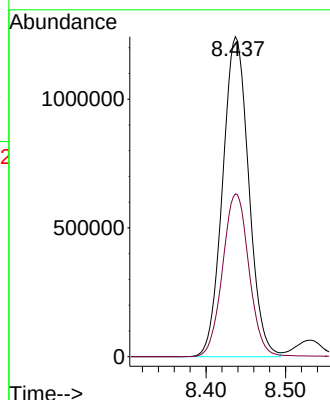
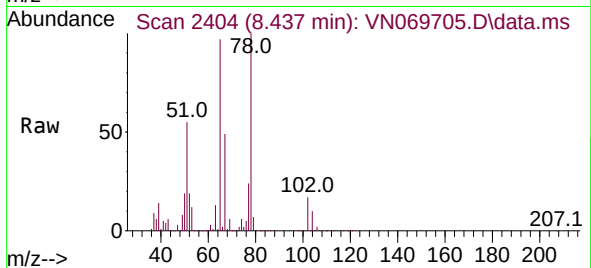
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069705.D

Acq: 2 Dec 2021 19:46

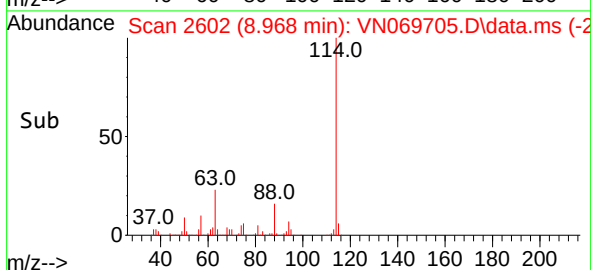
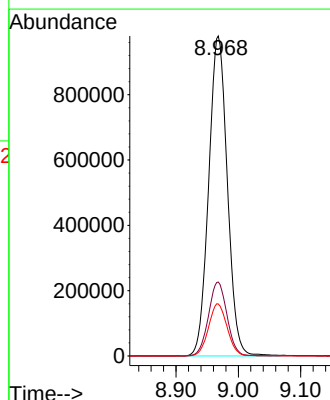
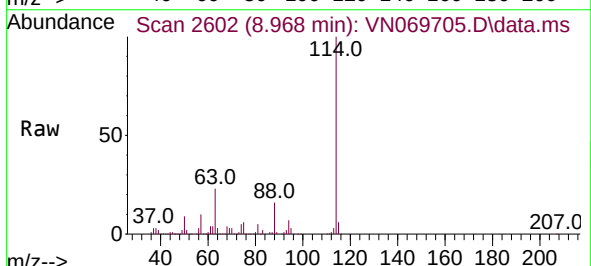
Tgt Ion:114 Resp: 2034842

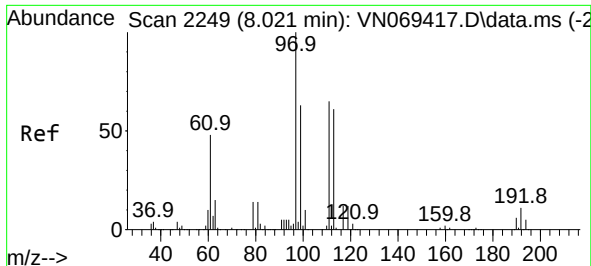
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

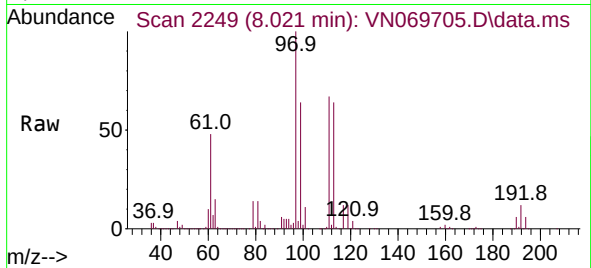
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 156.000 ug/l
RT: 8.021 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

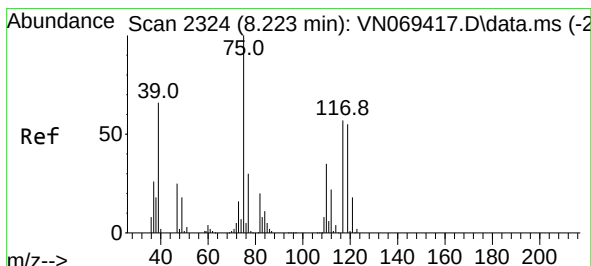
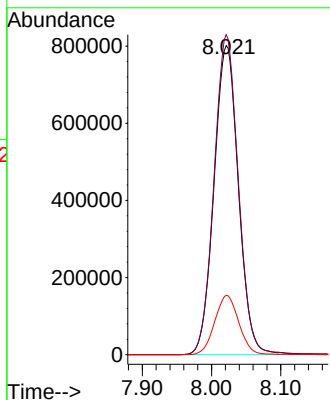
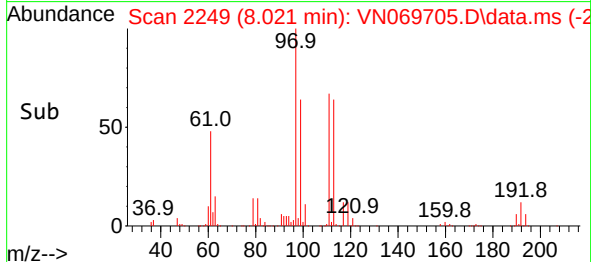
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 1961368
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.0 16.9 25.3

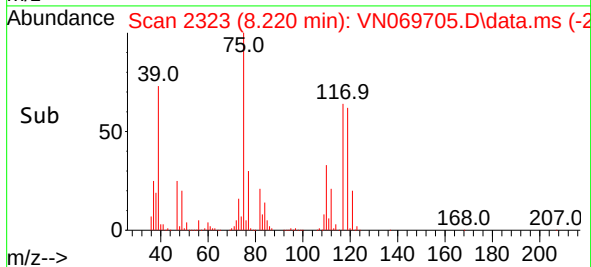
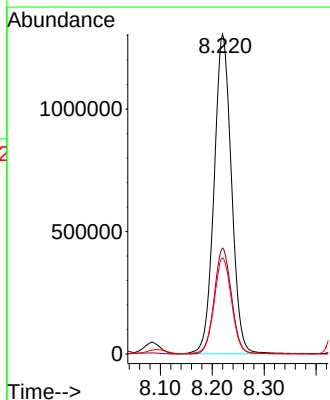
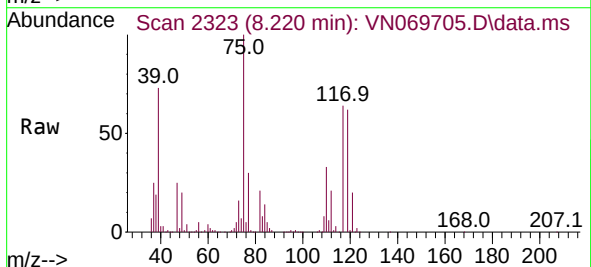
Manual Integrations
APPROVED

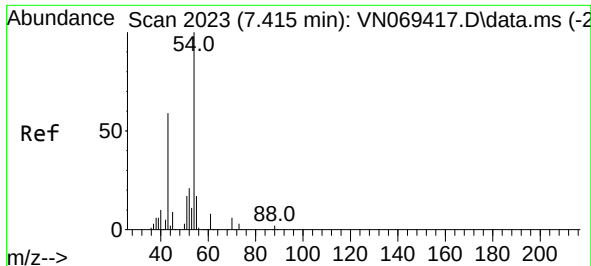
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 171.699 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

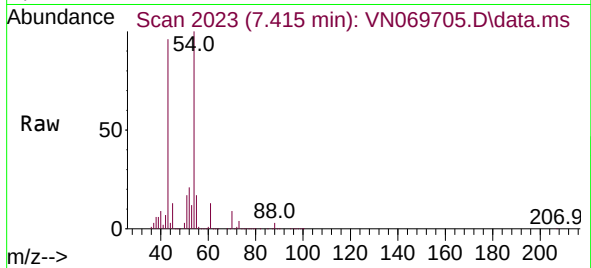
Tgt Ion: 75 Resp: 3032730
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 176.999 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

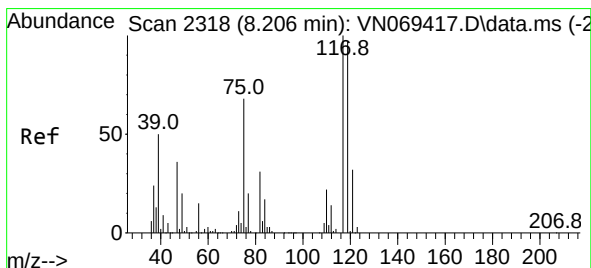
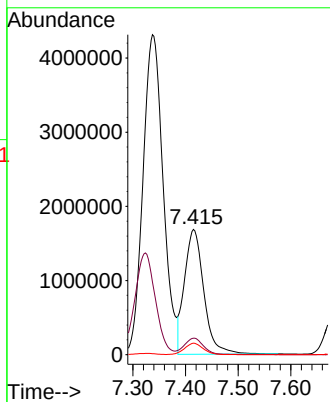
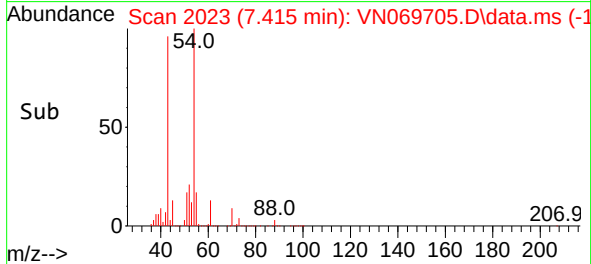
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 429485
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 8.8 7.9 11.9

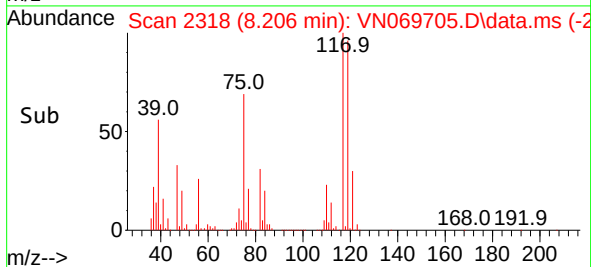
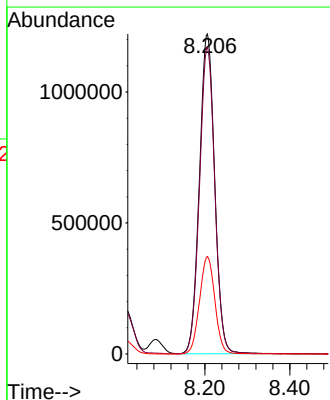
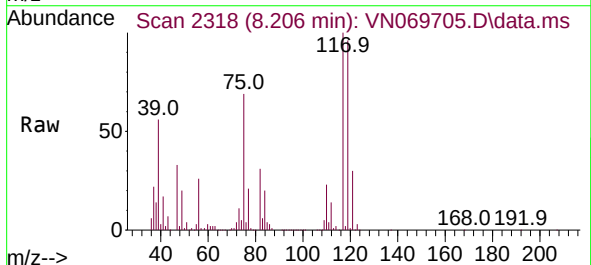
Manual Integrations
APPROVED

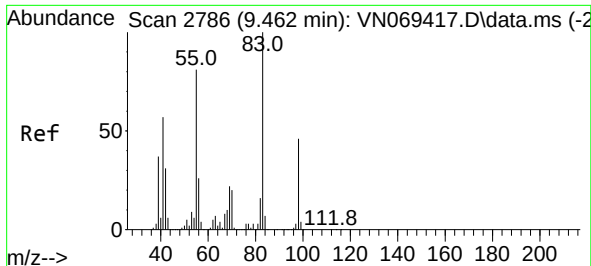
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#38
Carbon Tetrachloride
Concen: 178.729 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

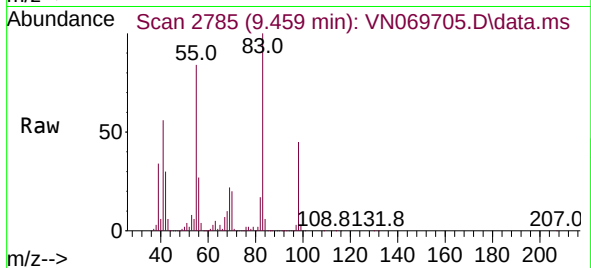
Tgt Ion:117 Resp: 3054530
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 30.5 24.2 36.2





#39
Methylcyclohexane
Concen: 168.526 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

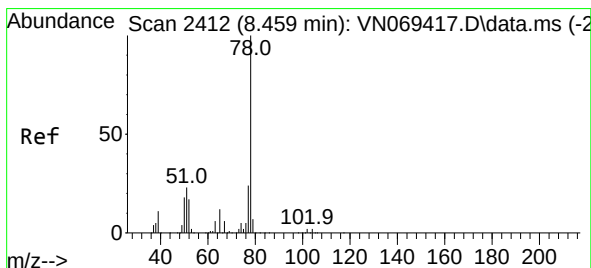
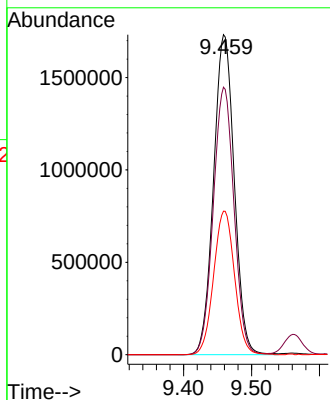
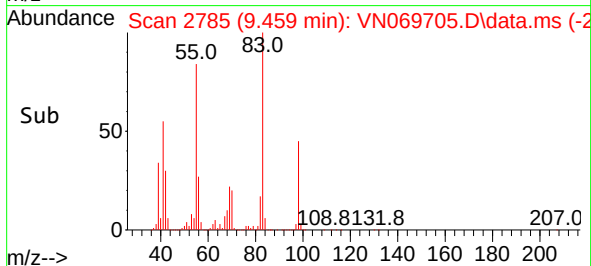
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 367002
Ion Ratio Lower Upper
83 100
55 83.6 58.1 87.1
98 44.8 38.4 57.6

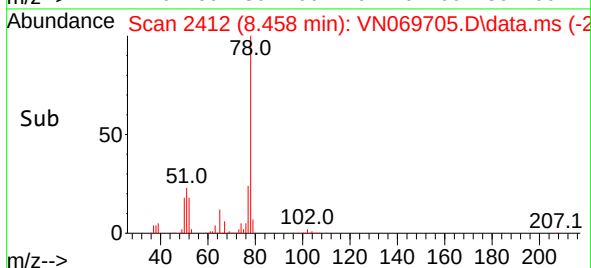
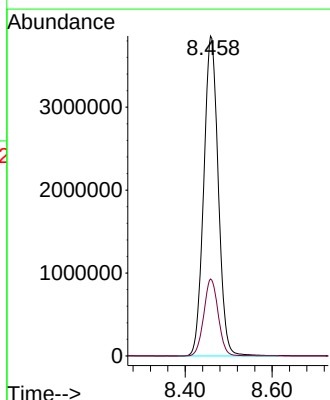
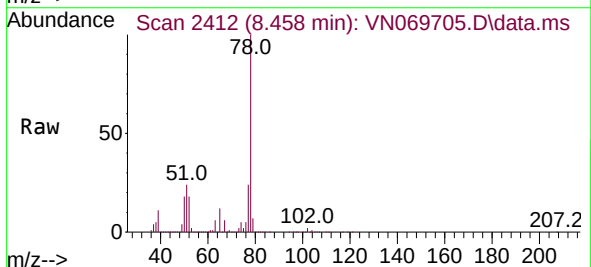
Manual Integrations
APPROVED

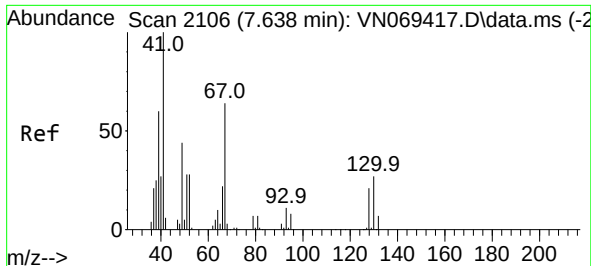
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#40
Benzene
Concen: 164.144 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

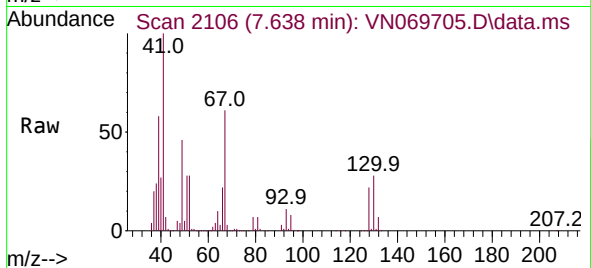
Tgt Ion: 78 Resp: 8942922
Ion Ratio Lower Upper
78 100
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 180.417 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

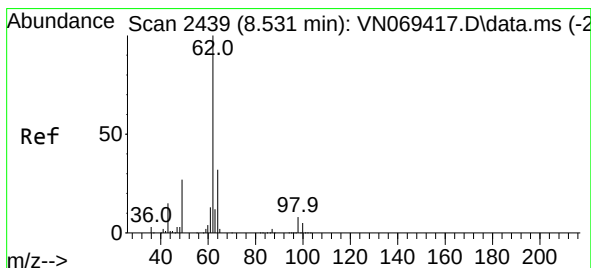
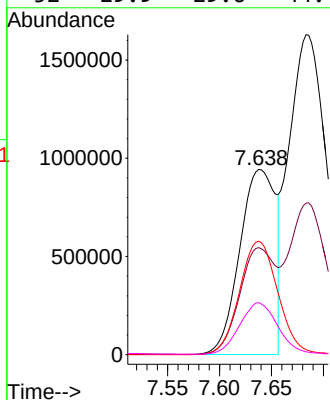
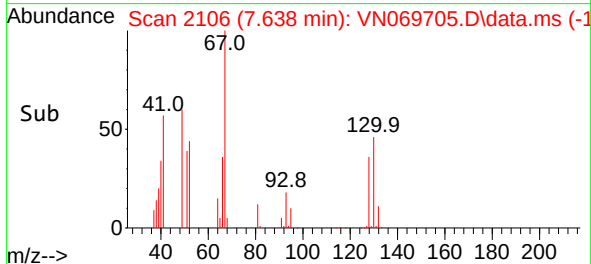
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150



Tgt Ion: 41 Resp: 2260390
Ion Ratio Lower Upper
41 100
39 56.8 48.1 72.1
67 66.5 68.3 102.5
52 29.9 29.6 44.4

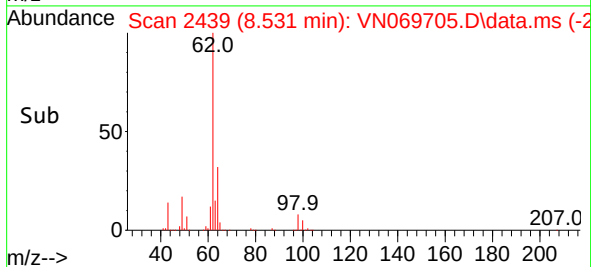
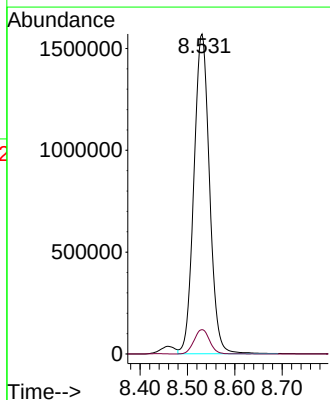
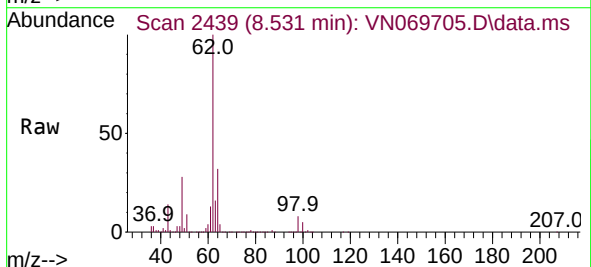
Manual Integrations
APPROVED

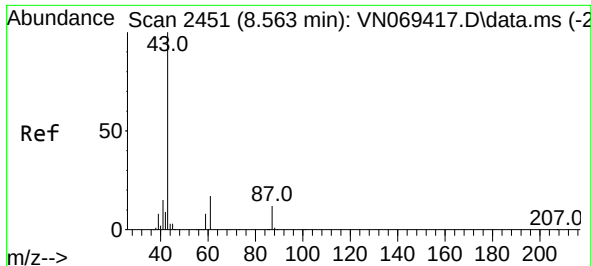
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 167.489 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

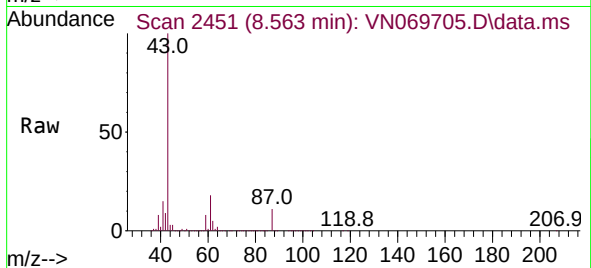
Tgt Ion: 62 Resp: 3590463
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 177.728 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

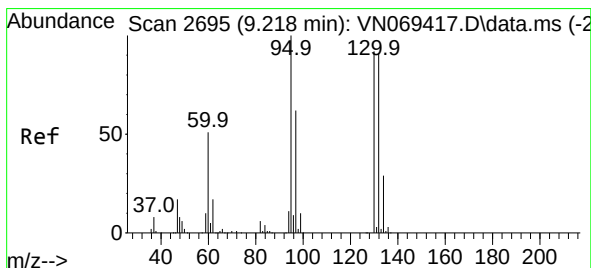
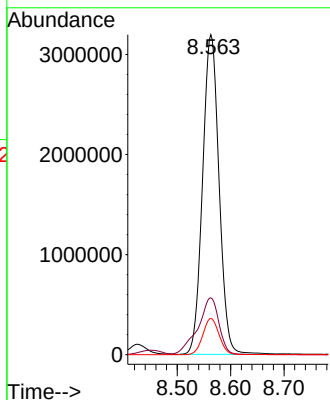
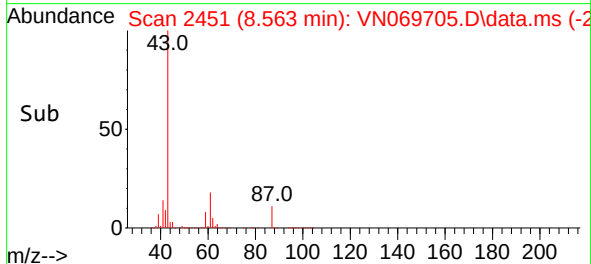
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



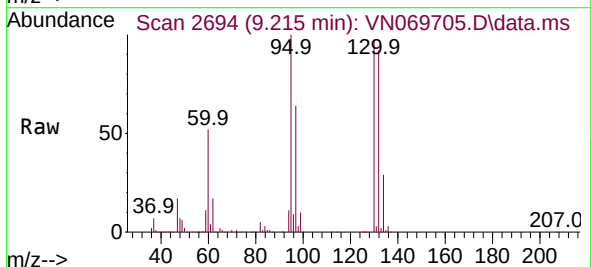
Tgt Ion: 43 Resp: 6836930
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.2 11.2 16.8

Manual Integrations
APPROVED

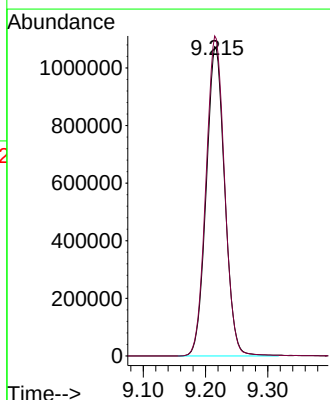
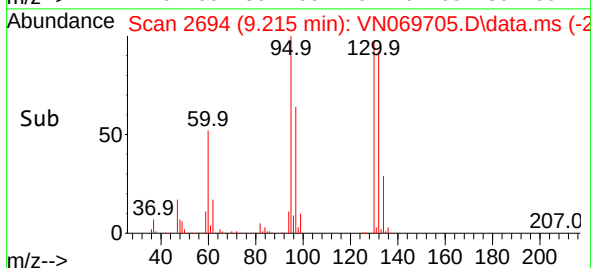
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

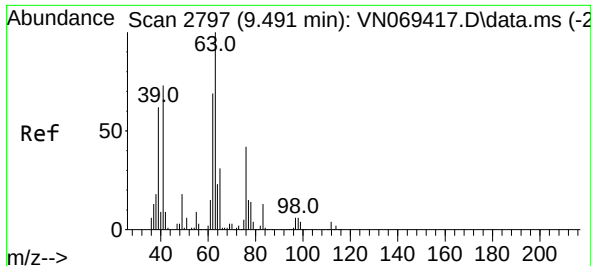


#44
Trichloroethene
Concen: 169.659 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



Tgt Ion:130 Resp: 2213929
Ion Ratio Lower Upper
130 100
95 103.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 166.929 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. -0.000 min

Lab File: VN069705.D

Acq: 2 Dec 2021 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 242397

Ion Ratio Lower Upper

63 100

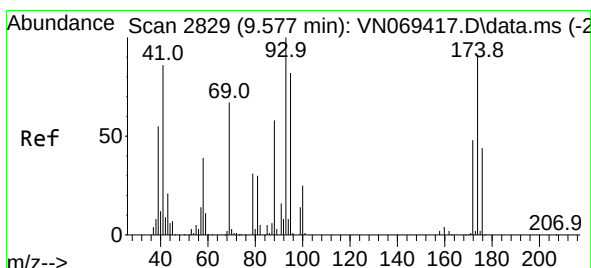
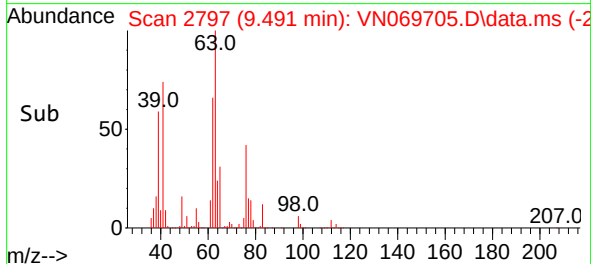
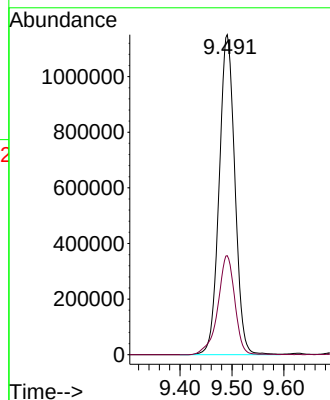
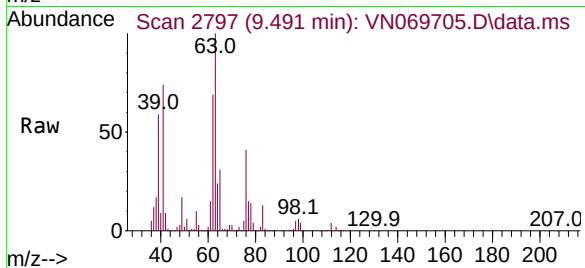
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 163.633 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069705.D

Acq: 2 Dec 2021 19:46

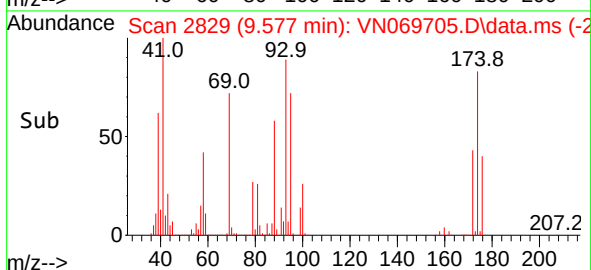
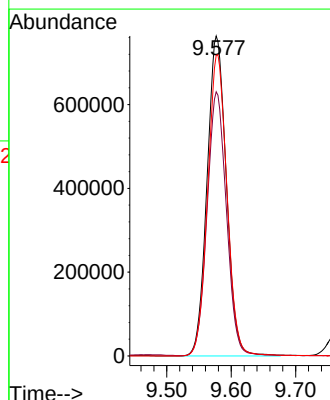
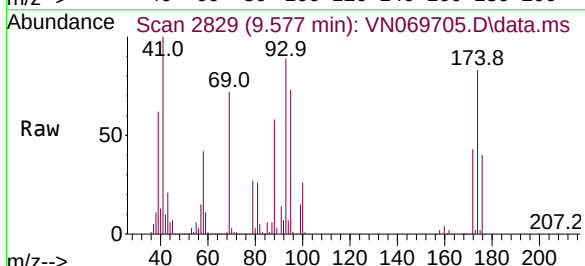
Tgt Ion: 93 Resp: 1589298

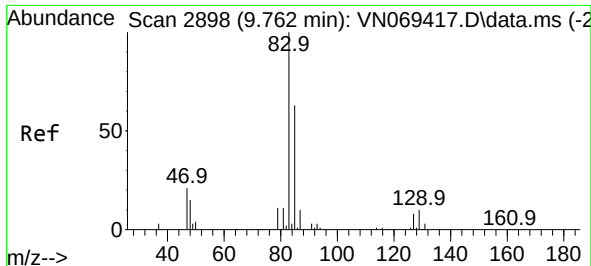
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

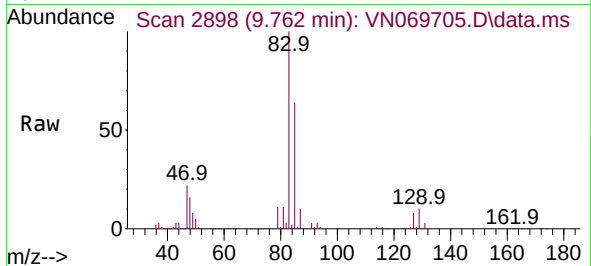
174 94.3 84.6 127.0





#47
Bromodichloromethane
Concen: 178.571 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

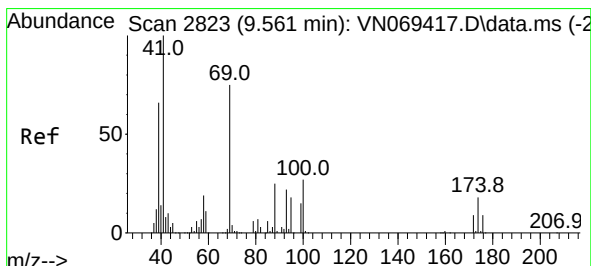
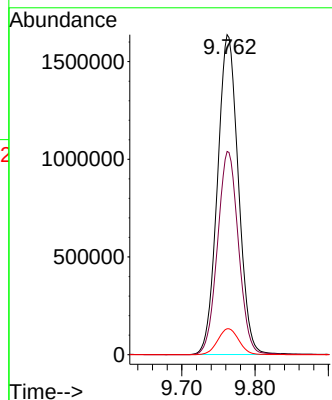
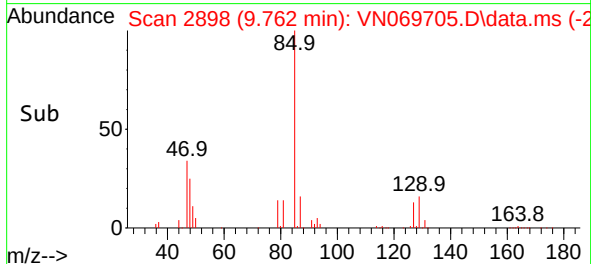
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



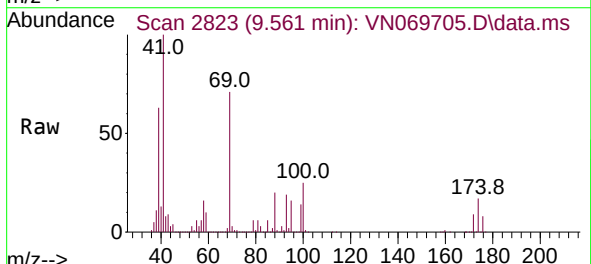
Tgt Ion: 83 Resp: 3236770
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

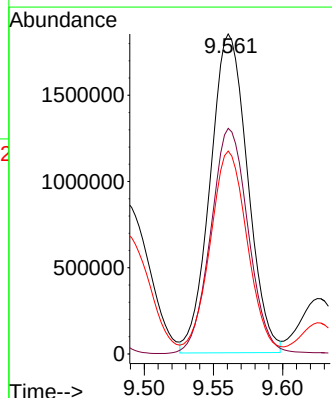
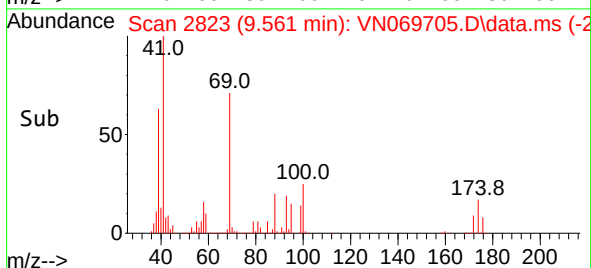
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

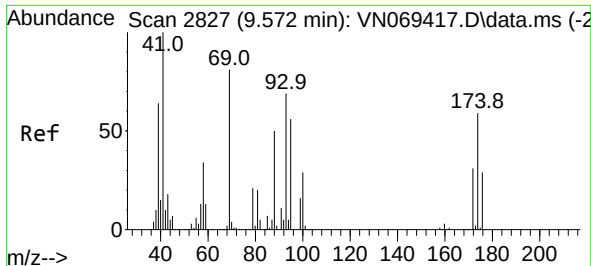


#48
Methyl methacrylate
Concen: 193.503 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



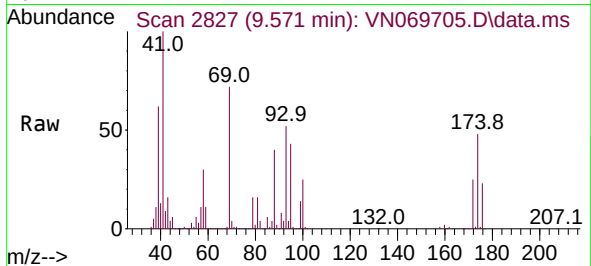
Tgt Ion: 41 Resp: 3474243
Ion Ratio Lower Upper
41 100
69 71.0 72.4 108.6
39 59.4 58.4 87.6





#49
1,4-Dioxane
Concen: 3464.651 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

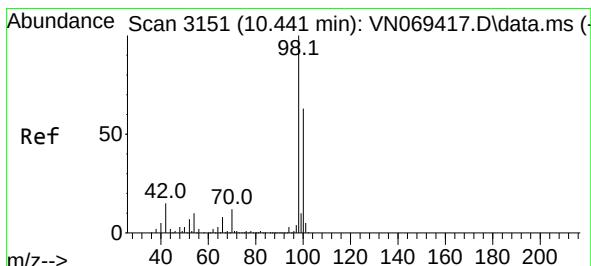
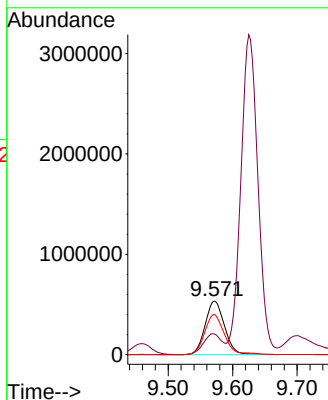
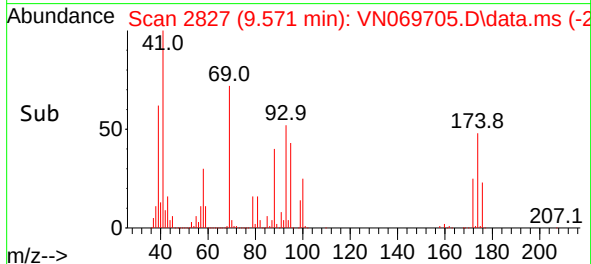
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 1118460
Ion Ratio Lower Upper
88 100
43 37.2 23.4 35.2
58 74.3 50.6 75.8

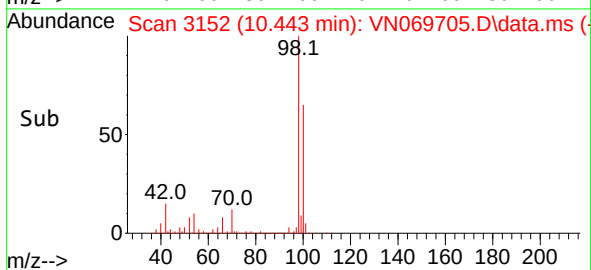
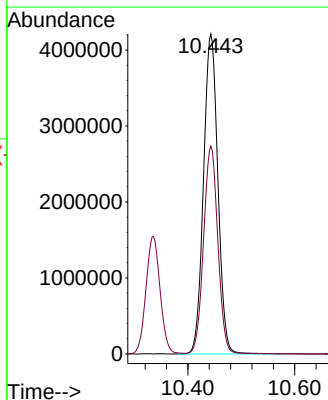
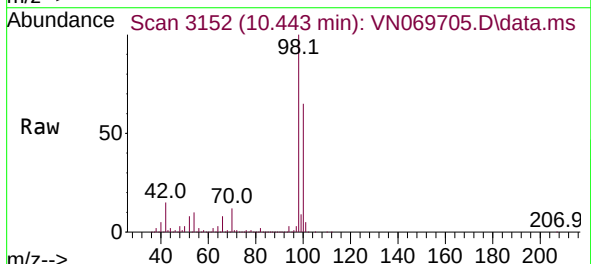
Manual Integrations
APPROVED

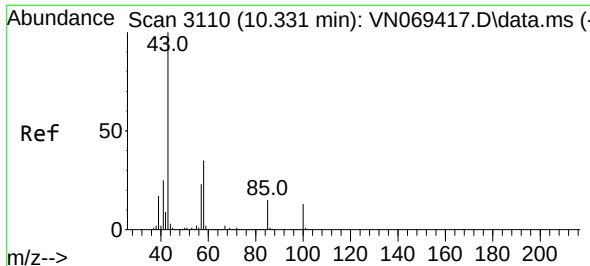
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 158.853 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Tgt Ion: 98 Resp: 7846891
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





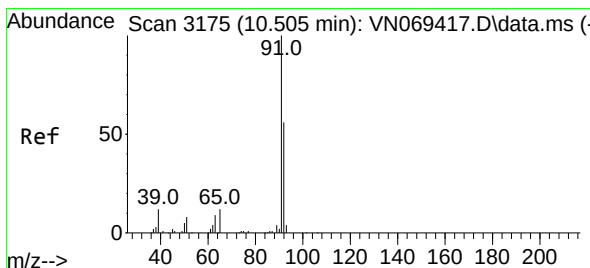
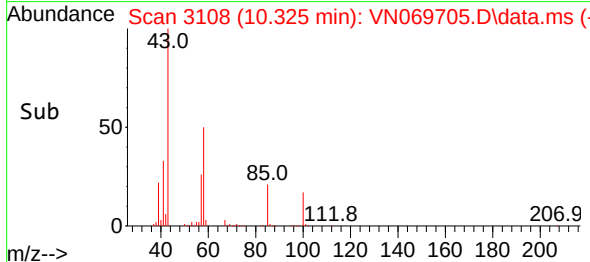
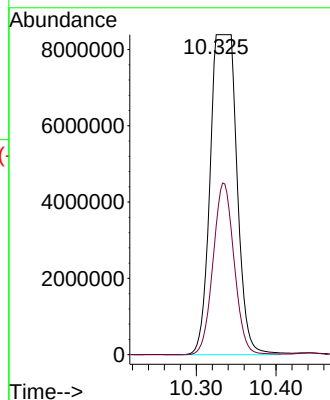
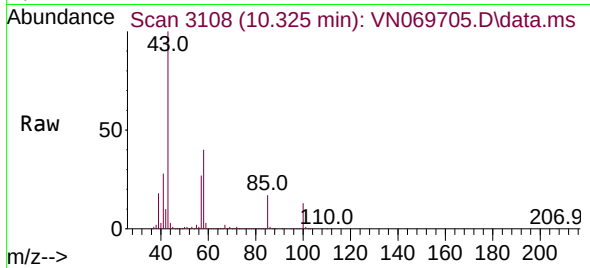
#51
4-Methyl-2-Pentanone
Concen: 783.187 ug/l m
RT: 10.325 min Scan# 3110
Delta R.T. -0.008 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp:19513114
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6

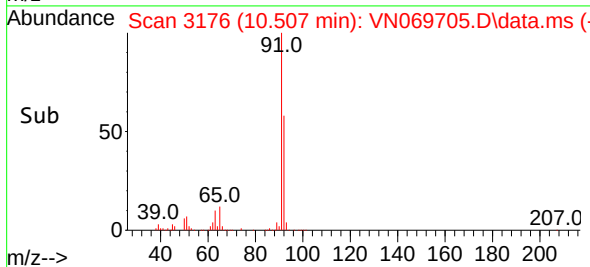
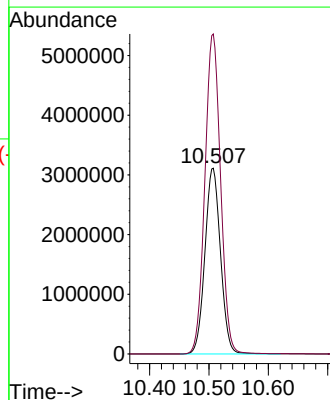
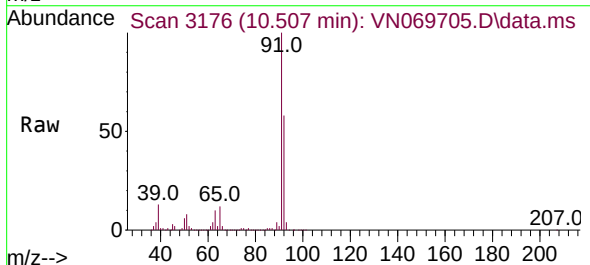
Manual Integrations
APPROVED

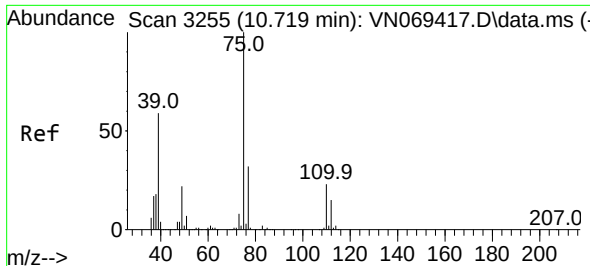
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 167.608 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

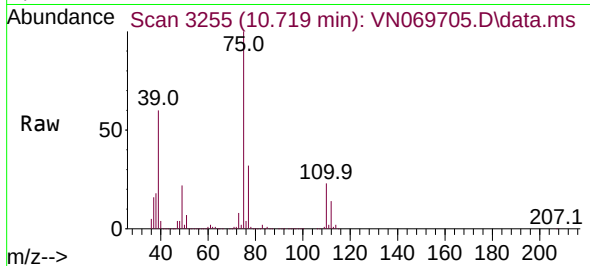
Tgt Ion: 92 Resp: 5654315
Ion Ratio Lower Upper
92 100
91 174.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 197.609 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

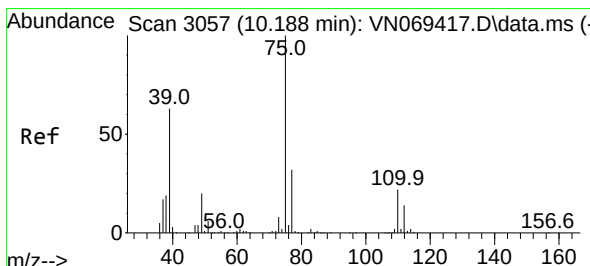
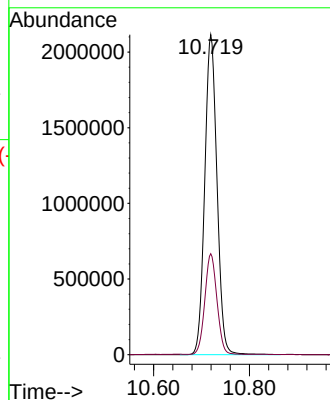
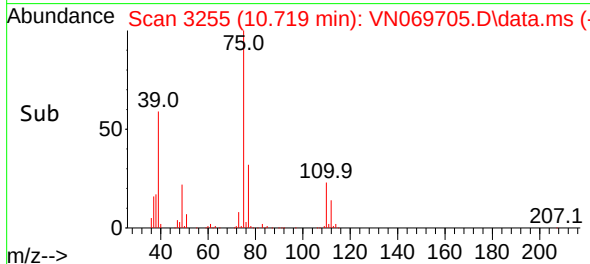
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



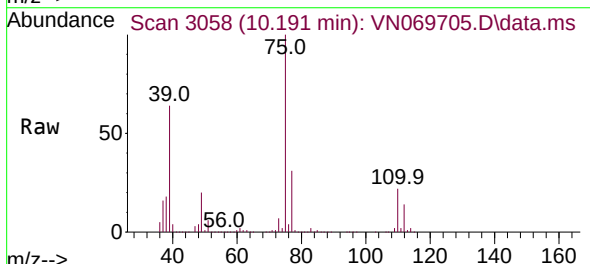
Tgt Ion: 75 Resp: 3758724
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
APPROVED

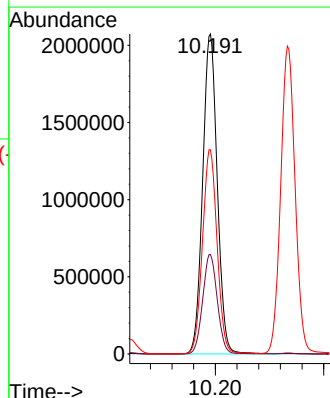
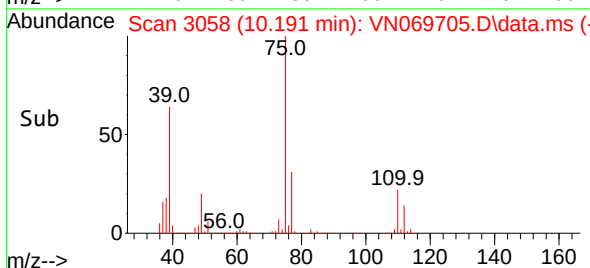
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

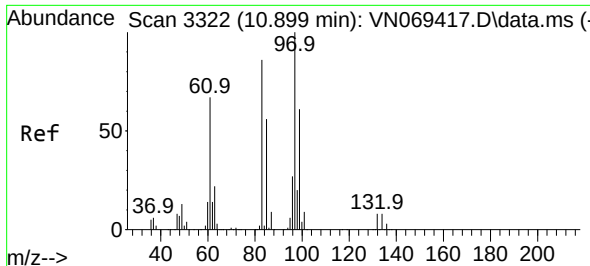


#54
cis-1,3-Dichloropropene
Concen: 186.809 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



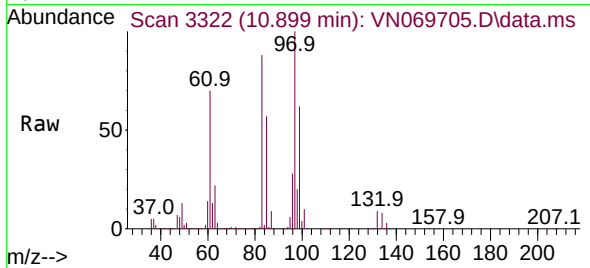
Tgt Ion: 75 Resp: 3877492
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 63.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 168.404 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

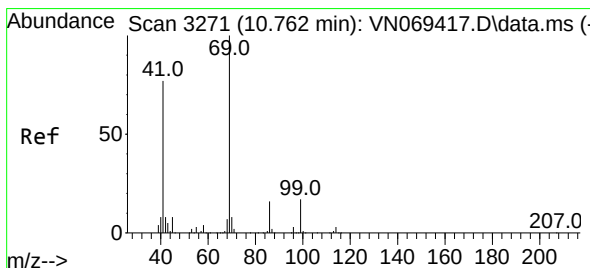
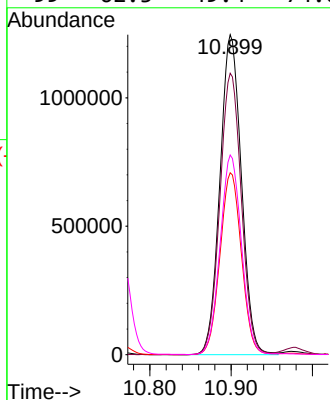
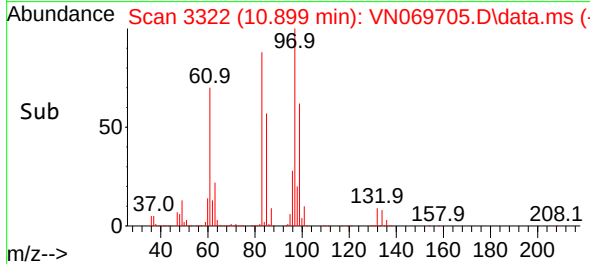
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



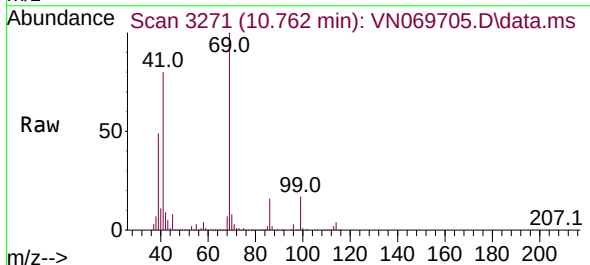
Tgt Ion: 97 Resp: 2286612
Ion Ratio Lower Upper
97 100
83 87.9 67.8 101.6
85 56.8 45.4 68.2
99 62.3 49.4 74.0

Manual Integrations
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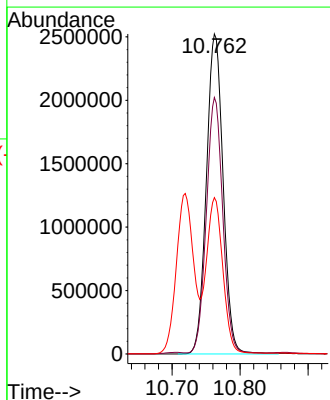
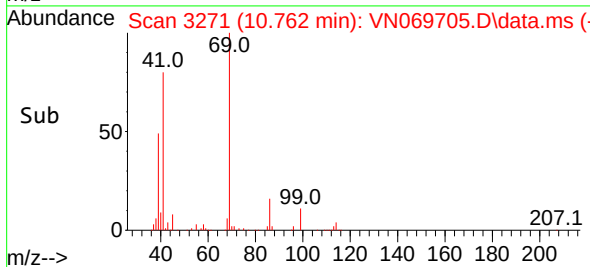
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

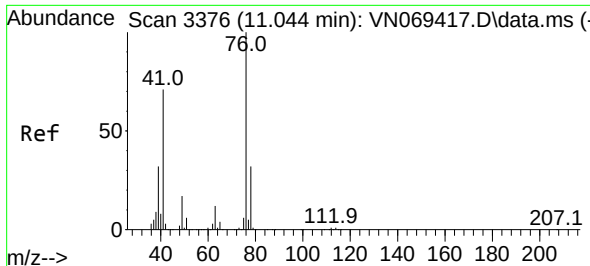


#56
Ethyl methacrylate
Concen: 190.324 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



Tgt Ion: 69 Resp: 4312642
Ion Ratio Lower Upper
69 100
41 78.1 51.4 77.0#
39 46.5 34.6 52.0





#57

1,3-Dichloropropane

Concen: 166.703 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069705.D

Acq: 2 Dec 2021 19:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 3994260

Ion Ratio Lower Upper

76 100

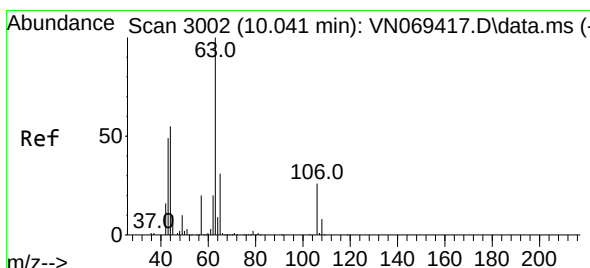
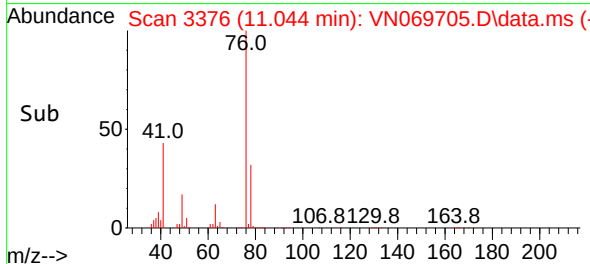
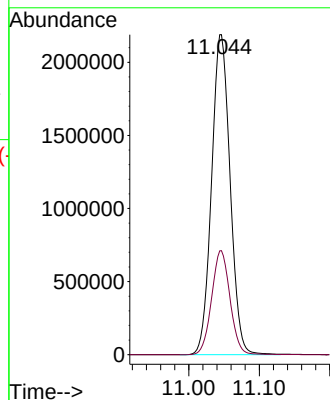
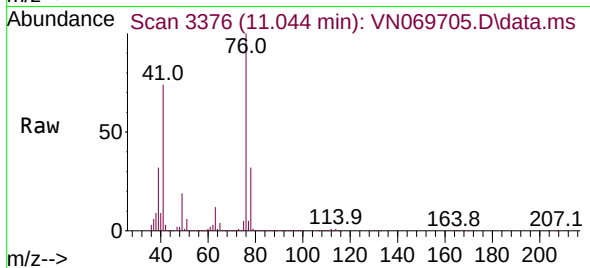
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 1123.716 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN069705.D

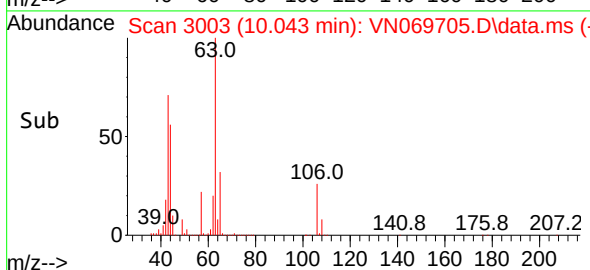
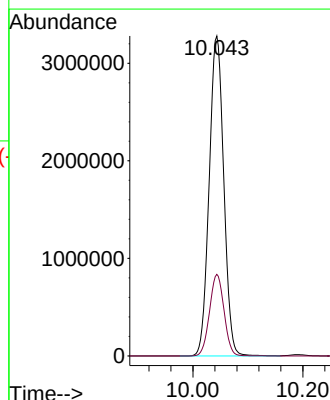
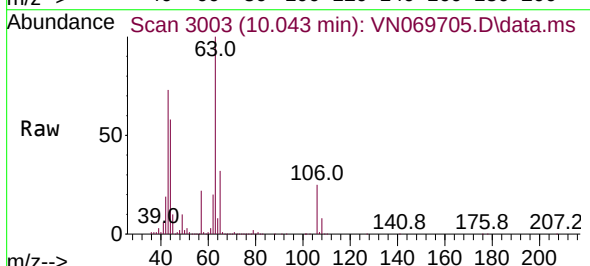
Acq: 2 Dec 2021 19:46

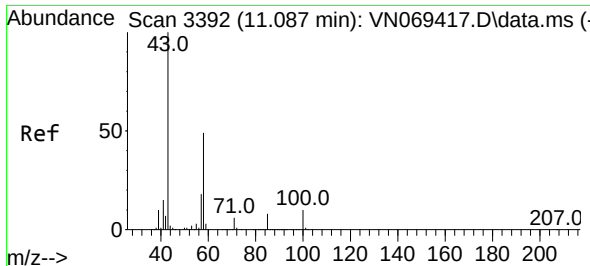
Tgt Ion: 63 Resp: 6041417

Ion Ratio Lower Upper

63 100

106 25.3 23.9 35.9





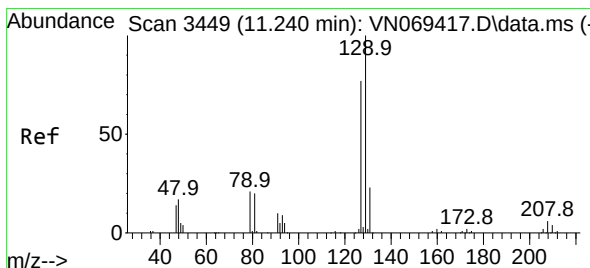
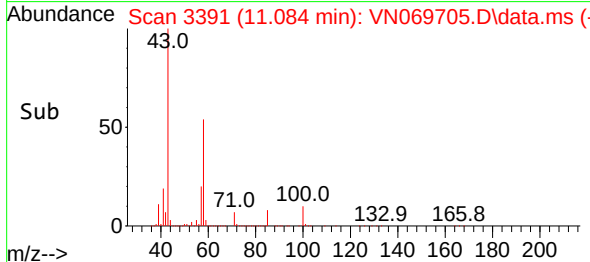
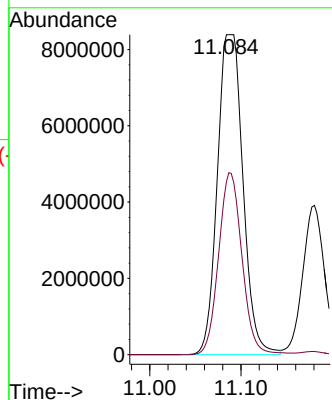
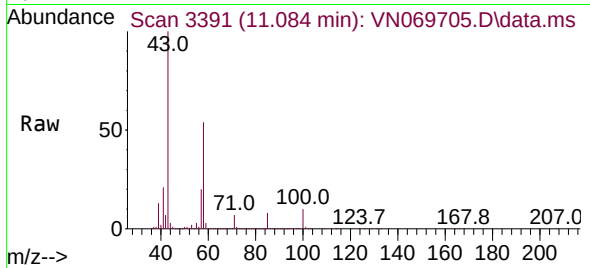
#59
2-Hexanone
Concen: 880.582 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp:1637427
Ion Ratio Lower Upper
43 100
58 51.9 26.9 80.7

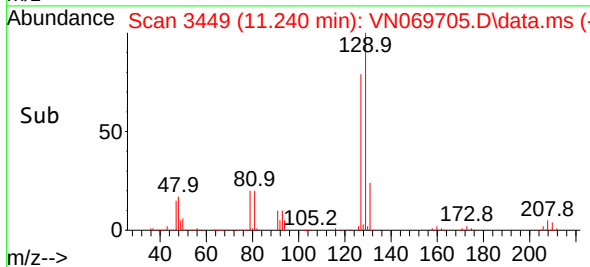
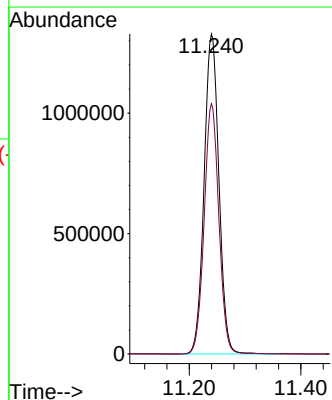
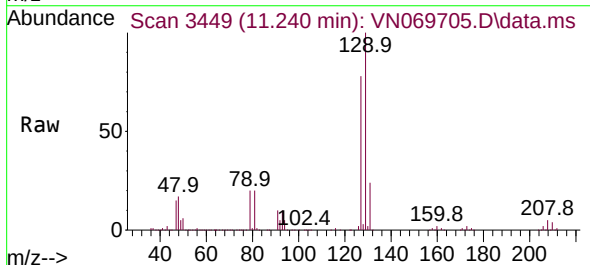
Manual Integrations
APPROVED

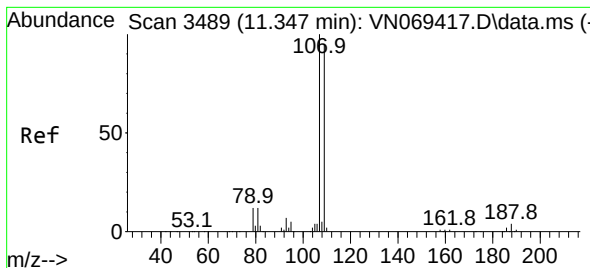
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 191.712 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

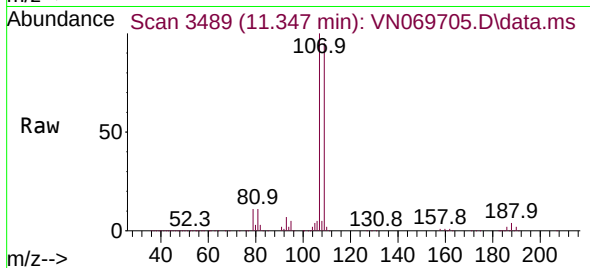
Tgt Ion:129 Resp: 2447498
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 178.957 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

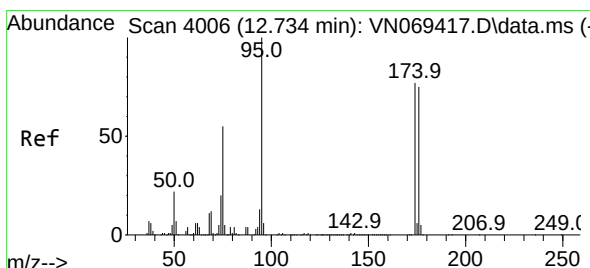
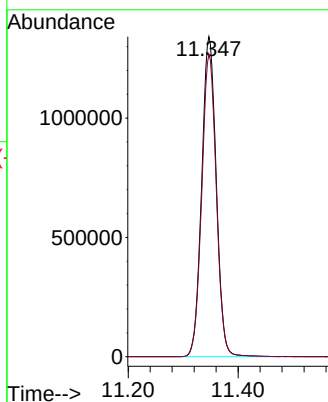
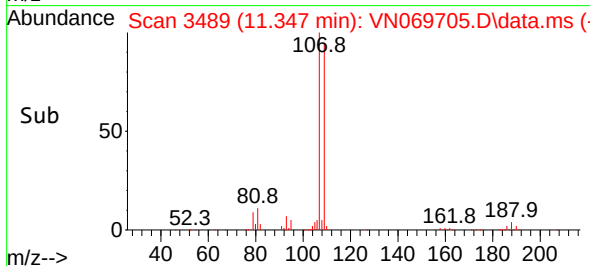
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



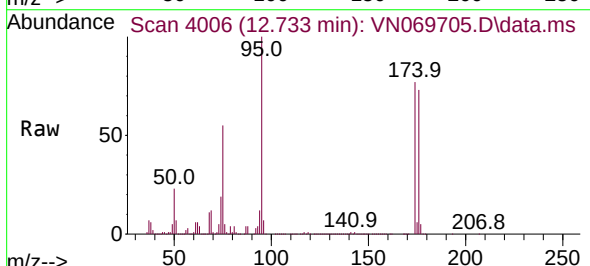
Tgt Ion:107 Resp: 2469925
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

Manual Integrations
APPROVED

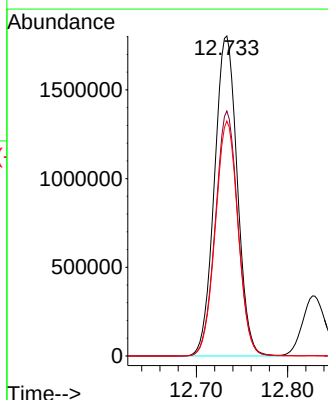
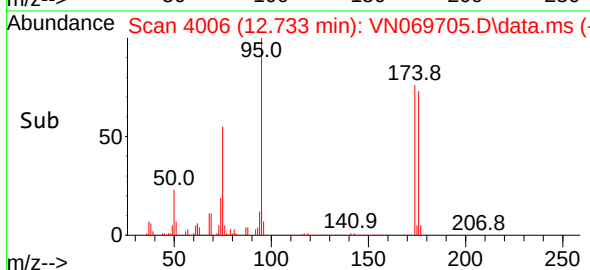
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

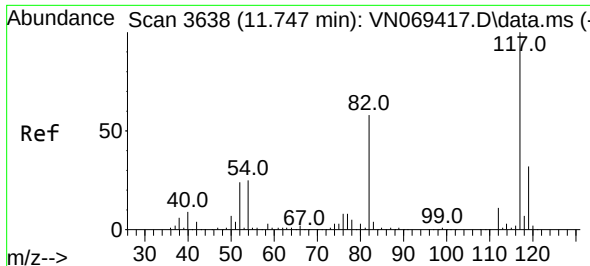


#62
4-Bromofluorobenzene
Concen: 173.532 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



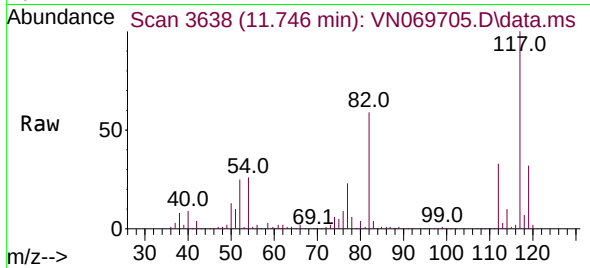
Tgt Ion: 95 Resp: 3135357
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

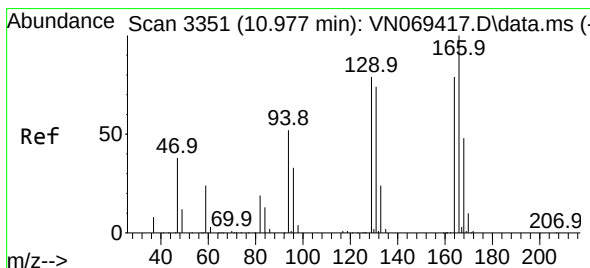
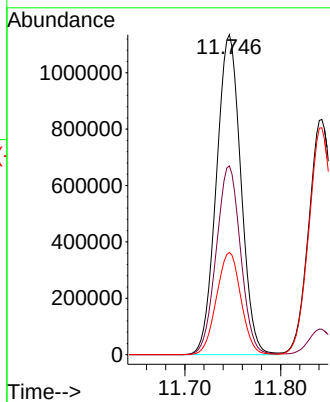
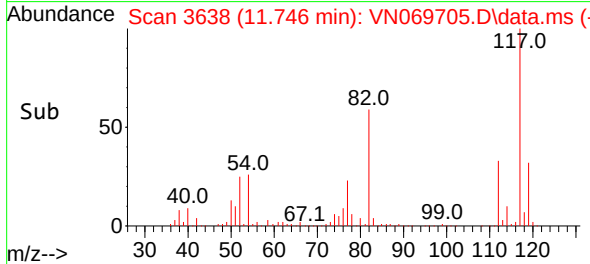
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



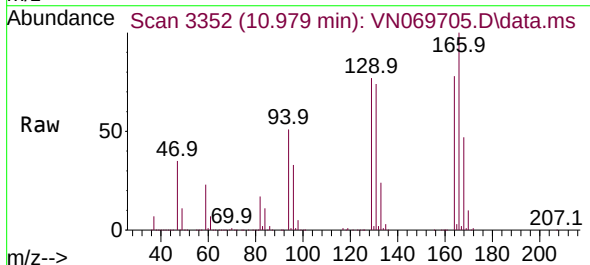
Tgt Ion:117 Resp: 201167
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
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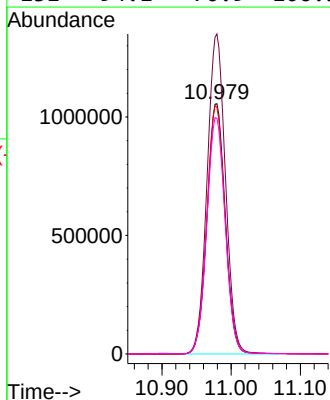
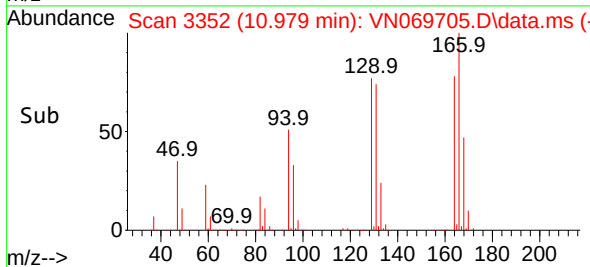
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

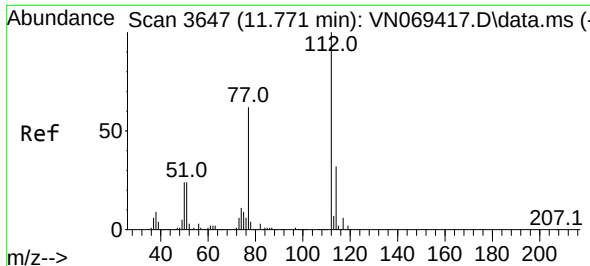


#64
Tetrachloroethene
Concen: 154.847 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



Tgt Ion:164 Resp: 1942231
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 98.6 72.0 108.0
131 94.1 70.9 106.3





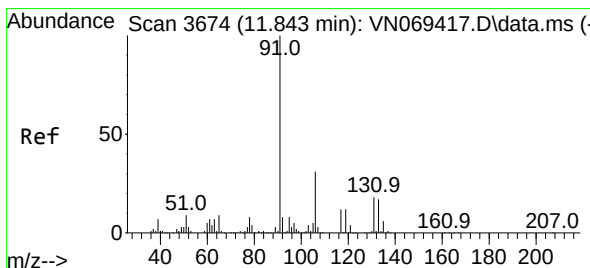
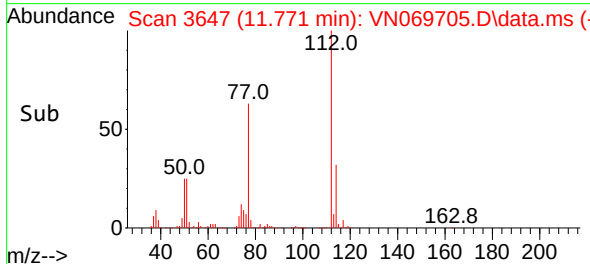
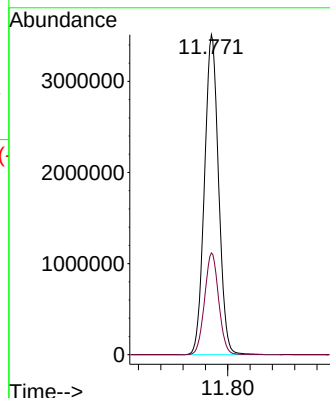
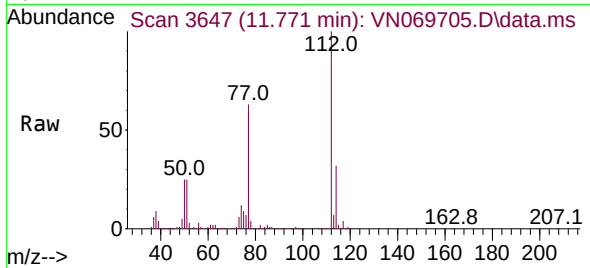
#65
Chlorobenzene
Concen: 160.569 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 616855
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

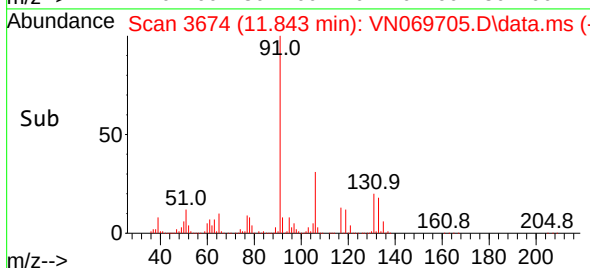
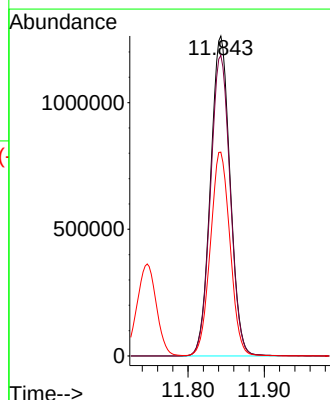
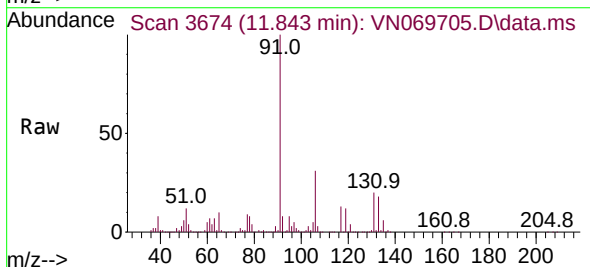
Manual Integrations
APPROVED

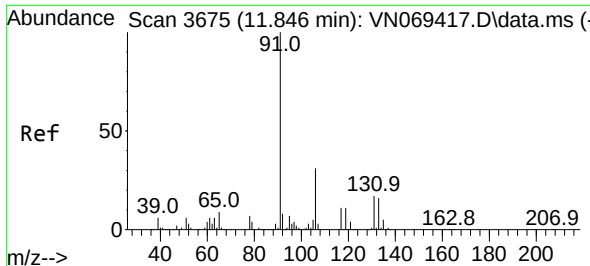
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 168.445 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Tgt Ion:131 Resp: 2250139
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 63.9 32.1 96.5





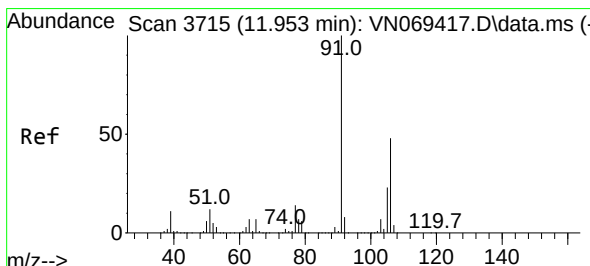
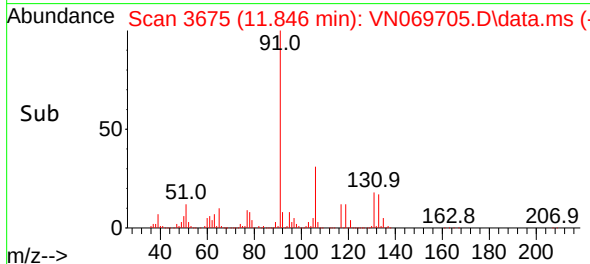
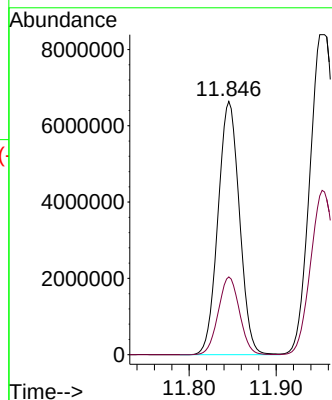
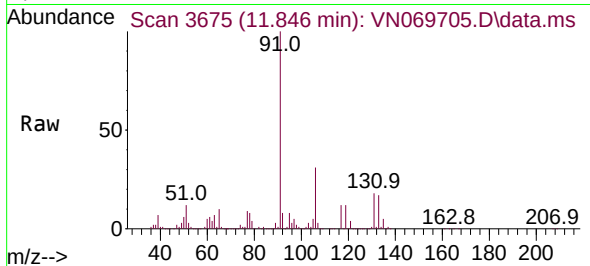
#67
Ethyl Benzene
Concen: 160.376 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp:11375304
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

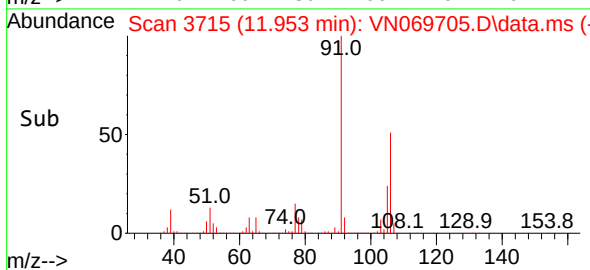
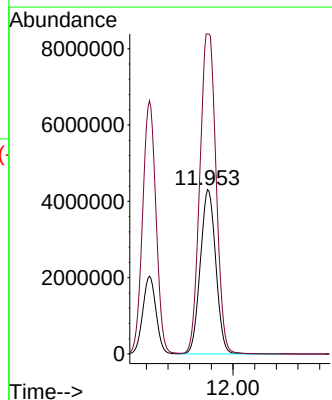
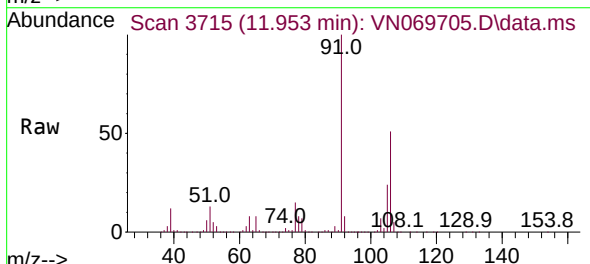
Manual Integrations
APPROVED

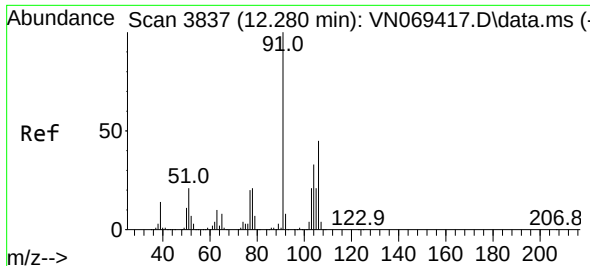
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 328.288 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

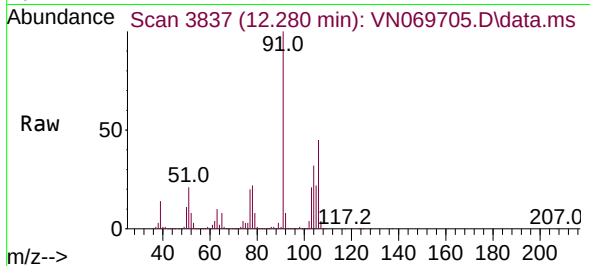
Tgt Ion:106 Resp: 8530811
Ion Ratio Lower Upper
106 100
91 205.1 160.6 240.8





#69
o-Xylene
Concen: 168.447 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

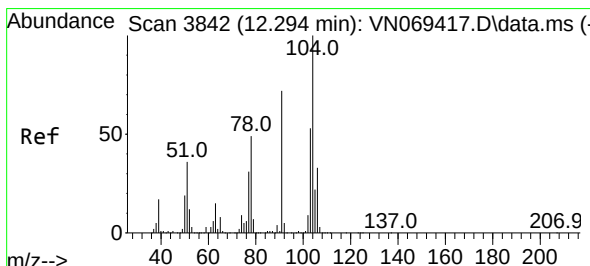
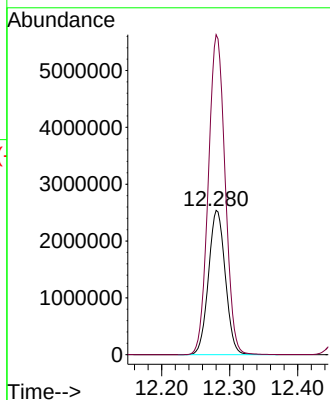
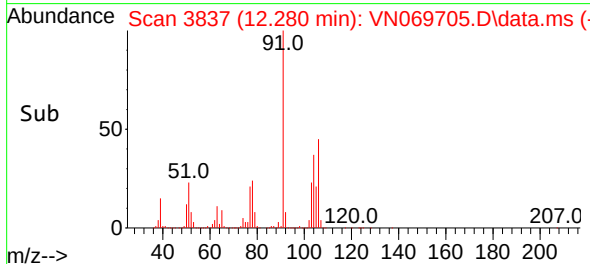
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



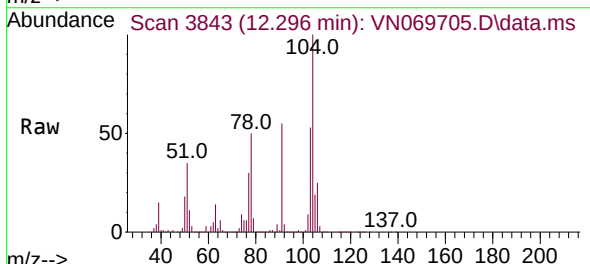
Tgt Ion:106 Resp: 4367579
Ion Ratio Lower Upper
106 100
91 221.9 105.8 317.3

Manual Integrations
APPROVED

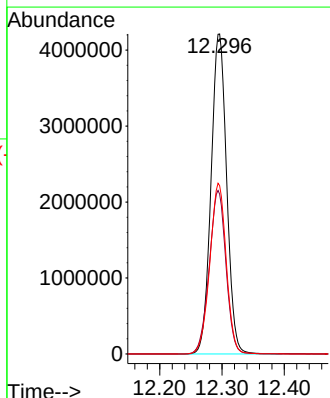
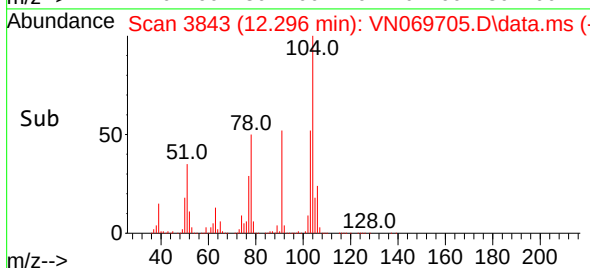
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

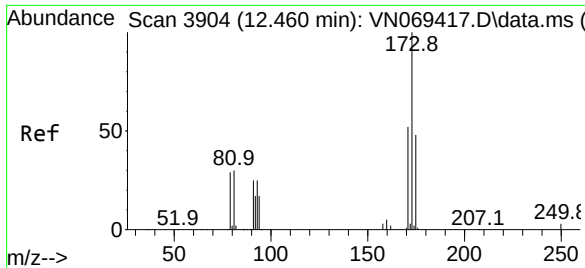


#70
Styrene
Concen: 176.153 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



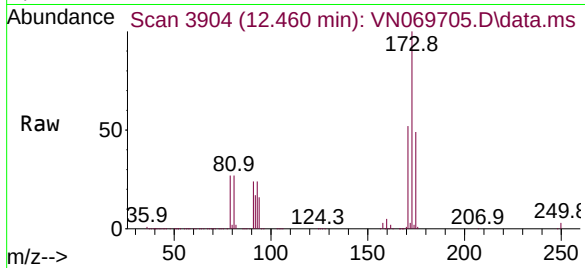
Tgt Ion:104 Resp: 7340445
Ion Ratio Lower Upper
104 100
78 54.7 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 201.029 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

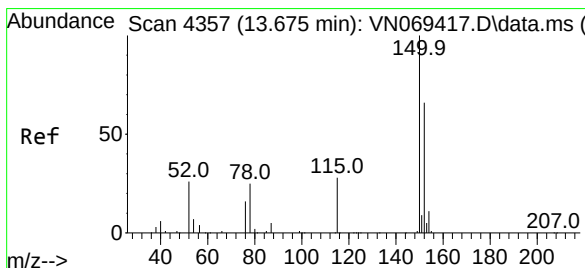
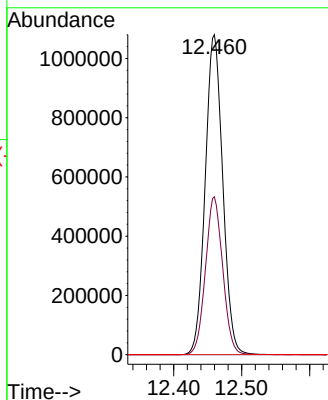
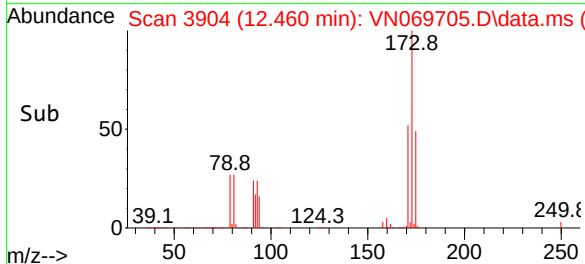
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



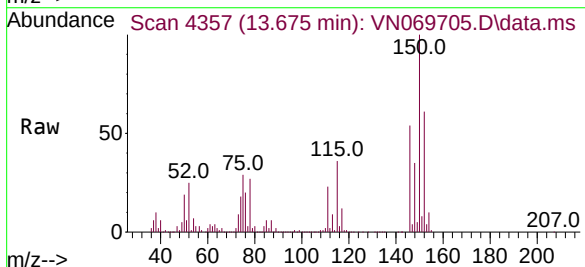
Tgt Ion:173 Resp: 1933479
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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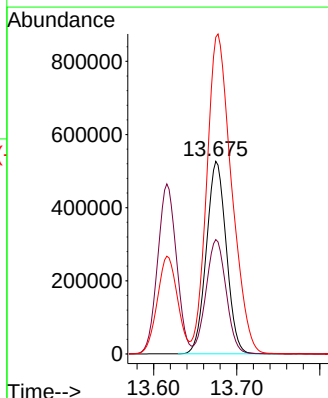
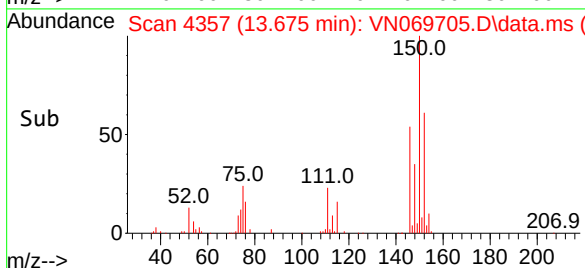
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

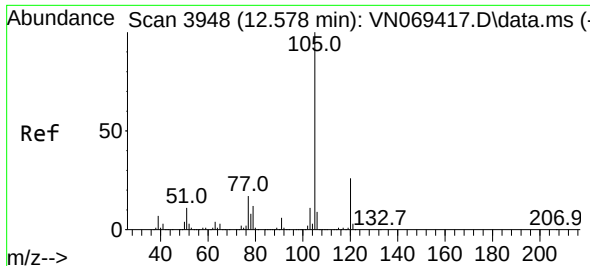


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



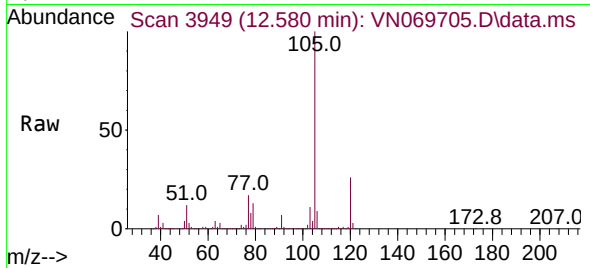
Tgt Ion:152 Resp: 876612
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 206.7 0.0 344.4





#73
Isopropylbenzene
Concen: 158.052 ug/l
RT: 12.580 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

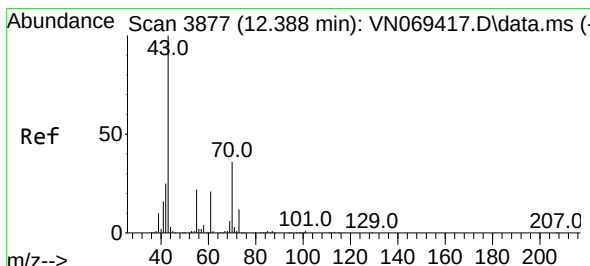
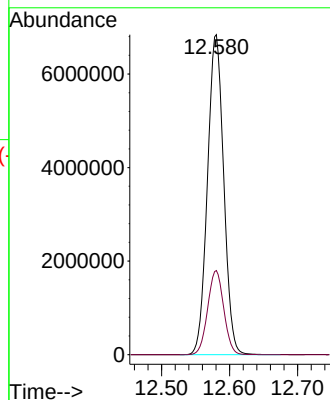
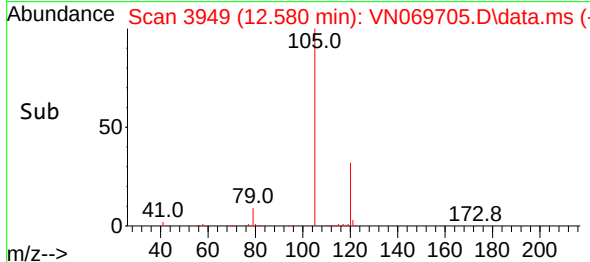
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:105 Resp:11339478
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.1

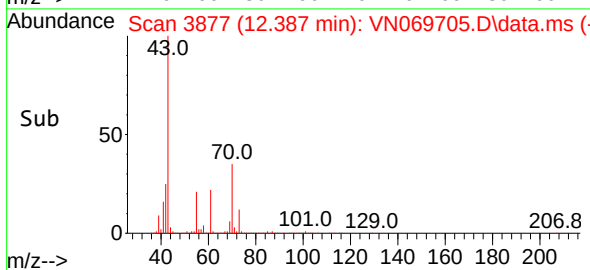
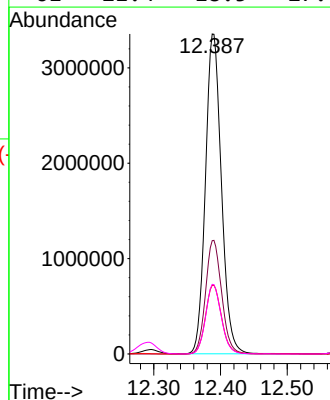
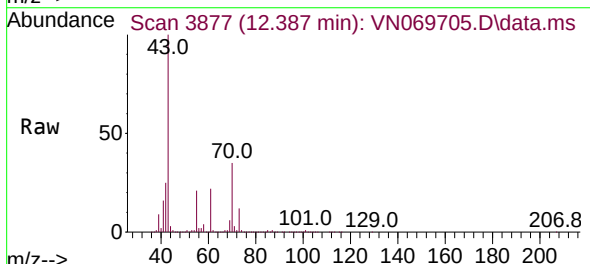
Manual Integrations
APPROVED

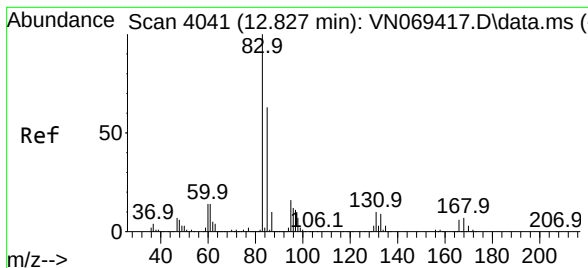
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#74
N-ethyl acetate
Concen: 181.407 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

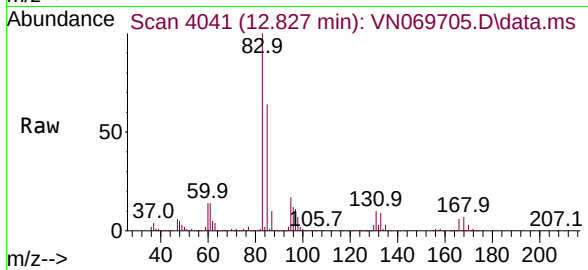
Tgt Ion: 43 Resp: 5568336
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 21.7 19.3 28.9
61 21.4 18.5 27.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 146.157 ug/l
 RT: 12.827 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VN069705.D
 Acq: 2 Dec 2021 19:46

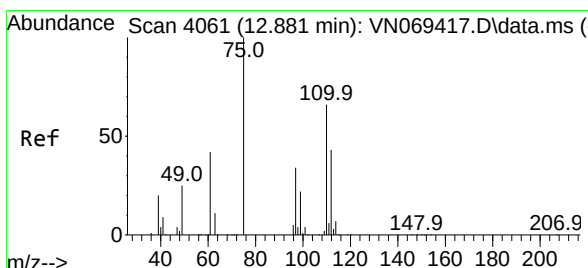
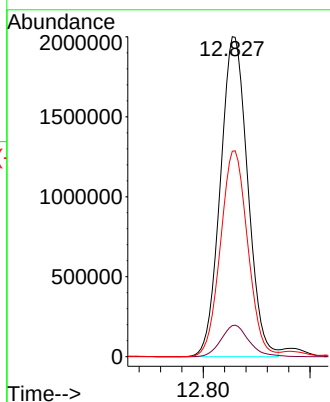
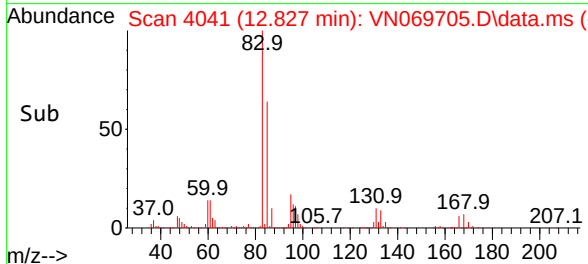
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



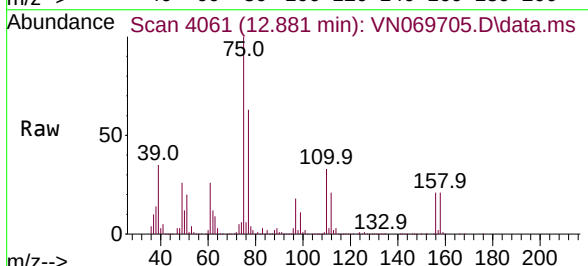
Tgt Ion: 83 Resp: 3553680
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.5 16.5
 85 64.2 32.4 97.2

Manual Integrations
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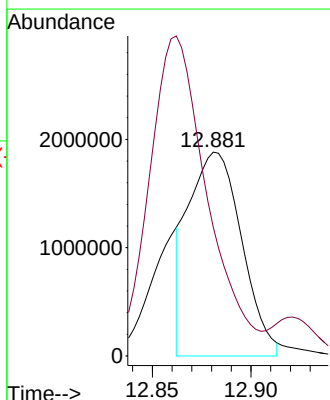
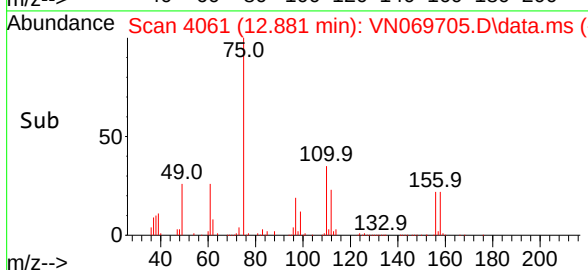
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

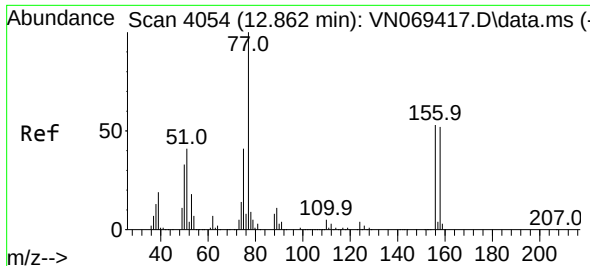


#76
 1,2,3-Trichloropropane
 Concen: 155.916 ug/l m
 RT: 12.881 min Scan# 4061
 Delta R.T. 0.000 min
 Lab File: VN069705.D
 Acq: 2 Dec 2021 19:46



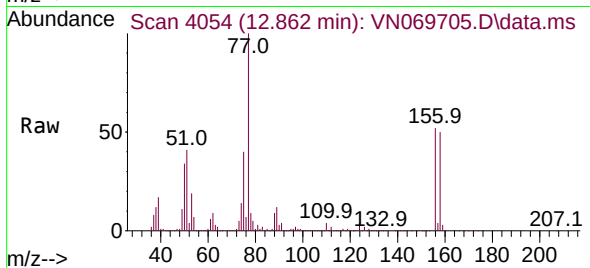
Tgt Ion: 75 Resp: 3536585
 Ion Ratio Lower Upper
 75 100
 77 170.4 82.6 247.8





#77
Bromobenzene
Concen: 162.287 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

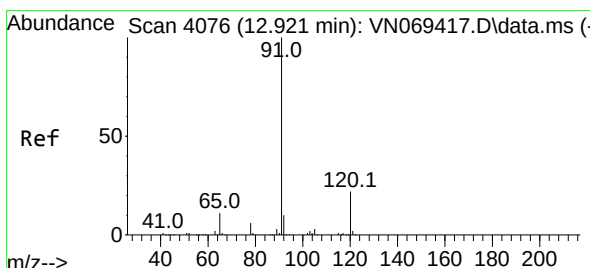
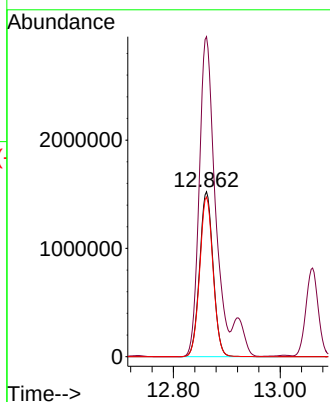
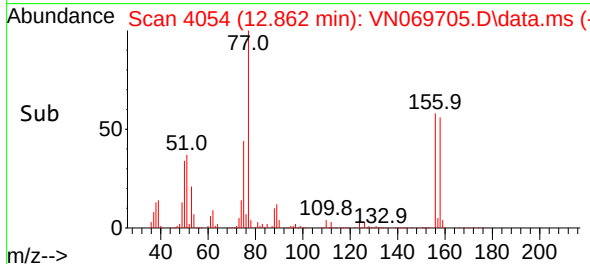
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



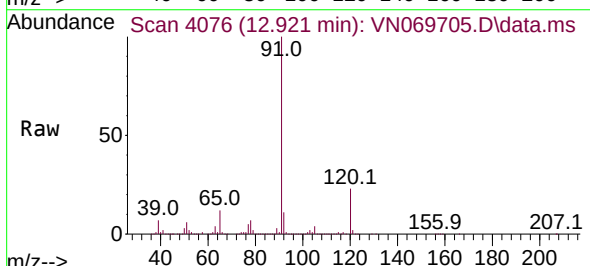
Tgt Ion:156 Resp: 267433
Ion Ratio Lower Upper
156 100
77 225.3 90.6 271.8
158 96.4 48.9 146.7

Manual Integrations
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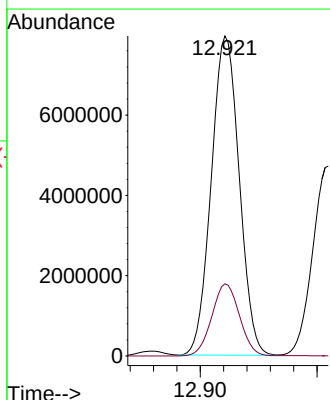
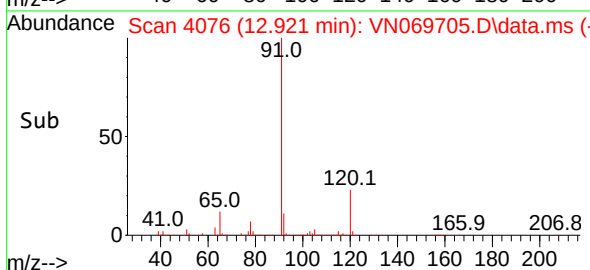
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

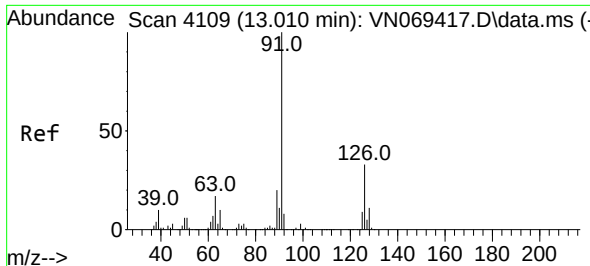


#78
n-propylbenzene
Concen: 163.499 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



Tgt Ion: 91 Resp:13202730
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9





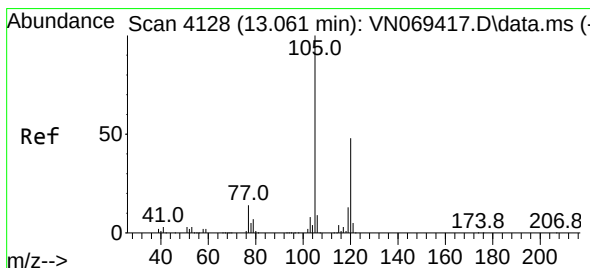
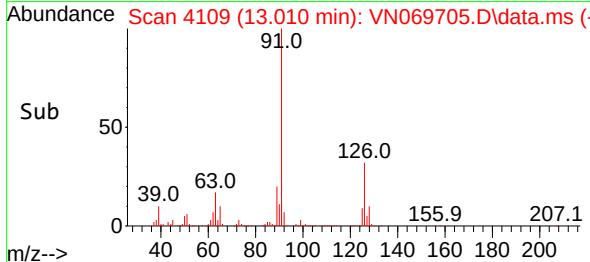
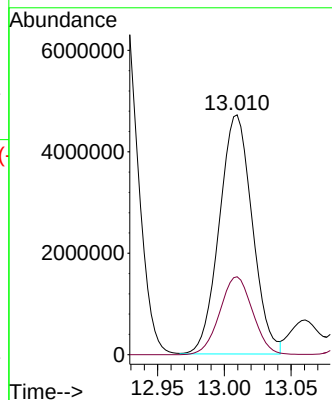
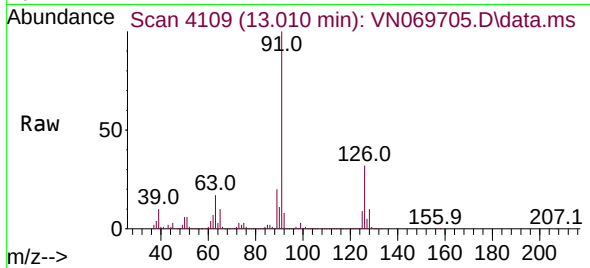
#79
2-Chlorotoluene
Concen: 161.789 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 810913
Ion Ratio Lower Upper
91 100
126 32.5 18.3 54.8

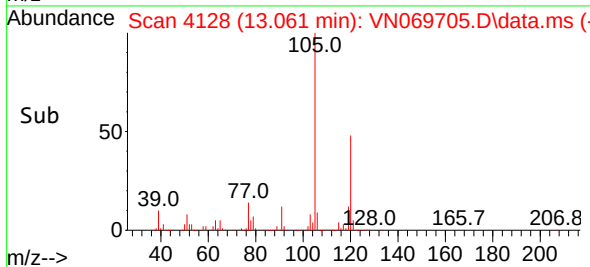
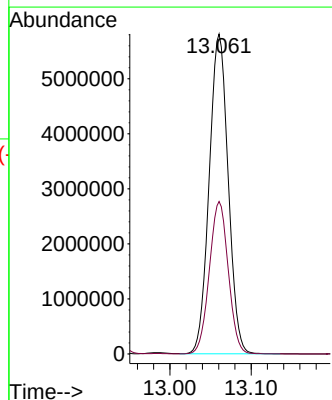
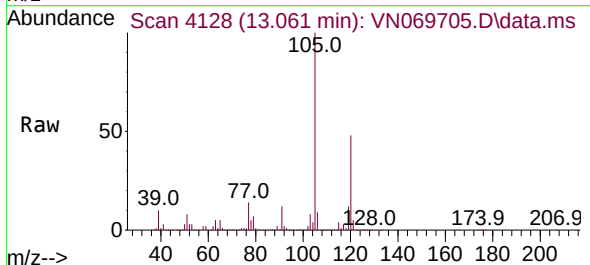
Manual Integrations
APPROVED

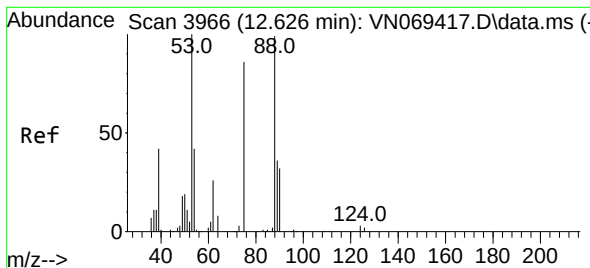
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 162.224 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

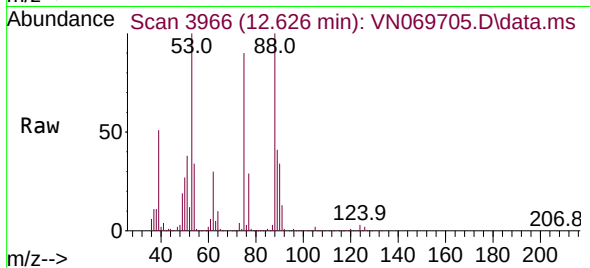
Tgt Ion:105 Resp: 9418412
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 191.917 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

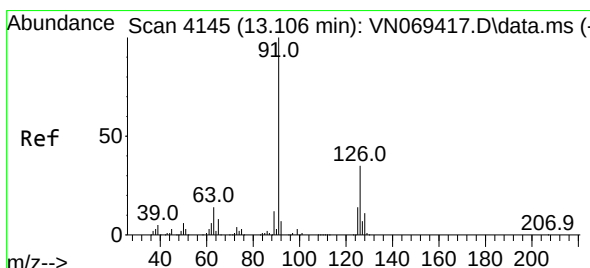
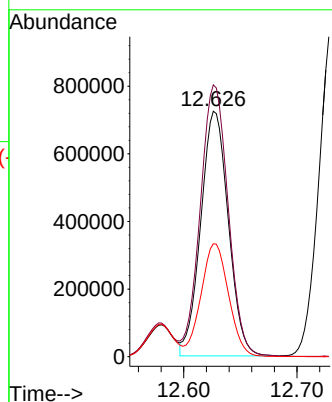
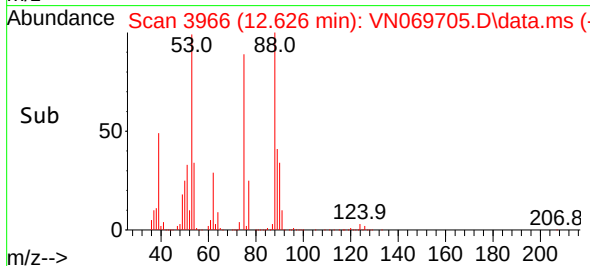
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



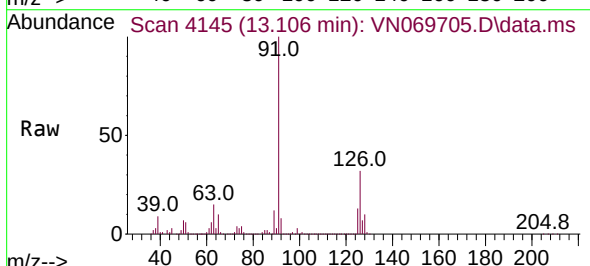
Tgt Ion: 75 Resp: 122338
Ion Ratio Lower Upper
75 100
53 112.5 90.5 135.7
89 46.2 38.2 57.4

Manual Integrations
APPROVED

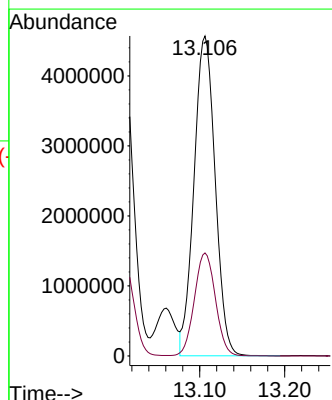
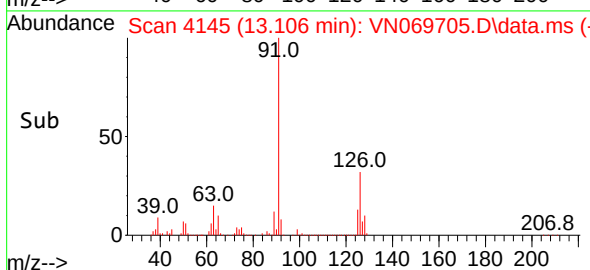
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

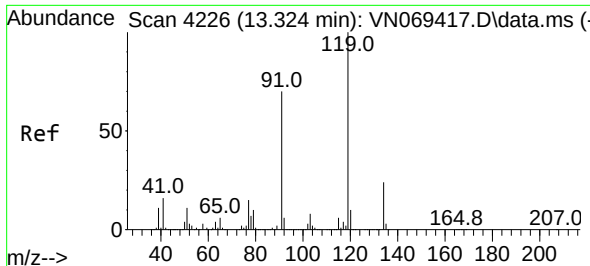


#82
4-Chlorotoluene
Concen: 165.188 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



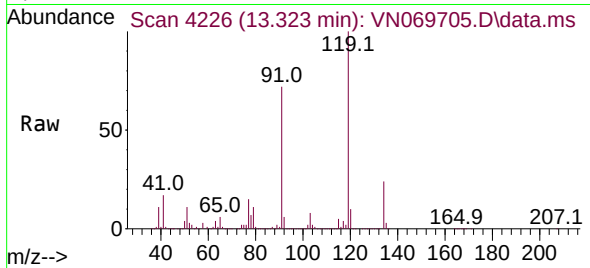
Tgt Ion: 91 Resp: 7883658
Ion Ratio Lower Upper
91 100
126 32.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 161.949 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

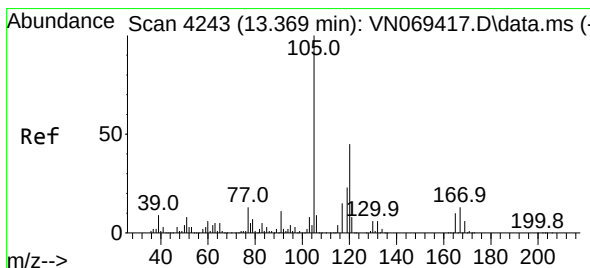
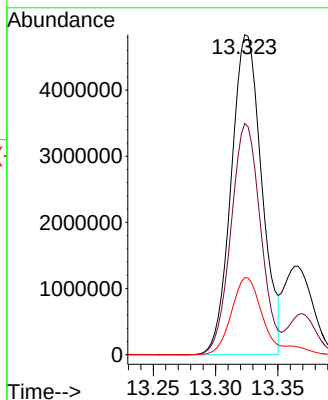
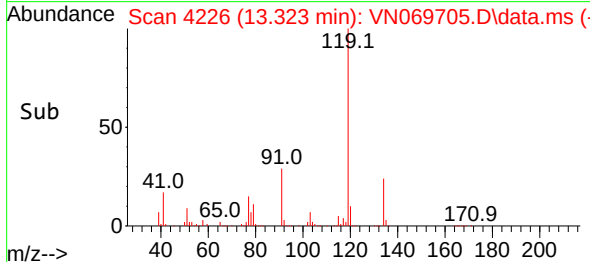
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



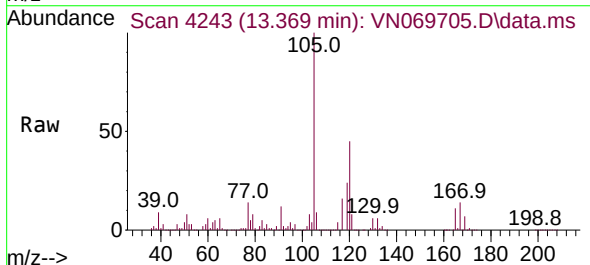
Tgt Ion:119 Resp: 8234604
Ion Ratio Lower Upper
119 100
91 70.6 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
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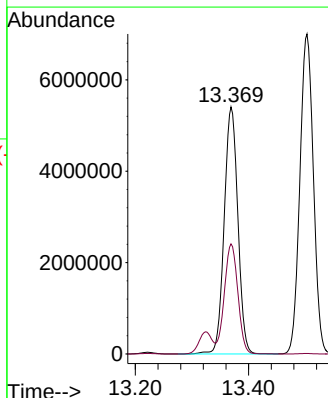
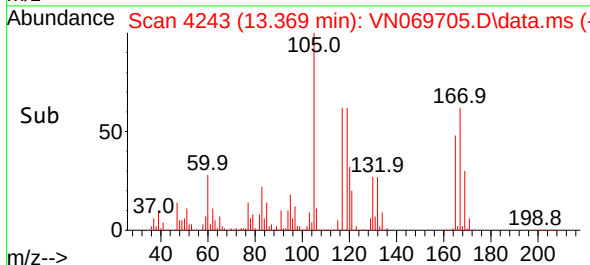
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

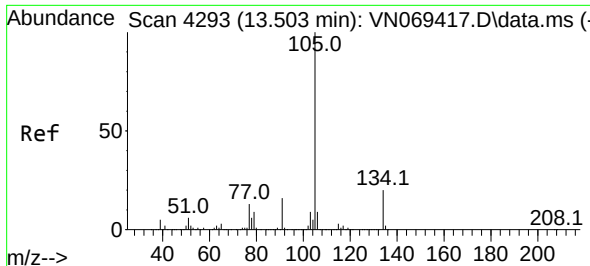


#84
1,2,4-Trimethylbenzene
Concen: 161.835 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



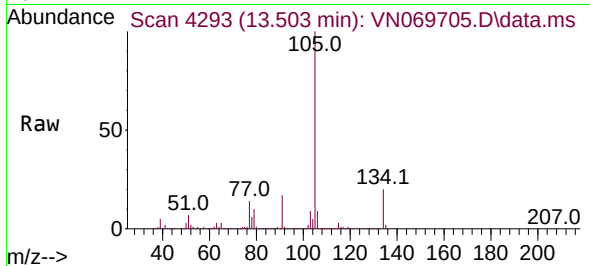
Tgt Ion:105 Resp: 9061123
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 163.728 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN069705.D
 Acq: 2 Dec 2021 19:46

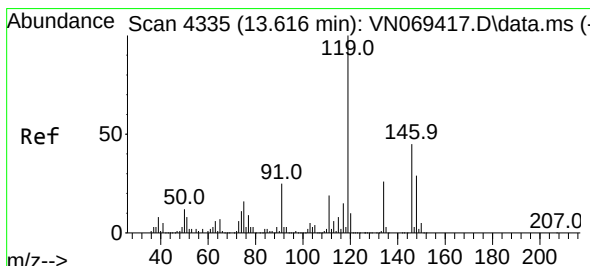
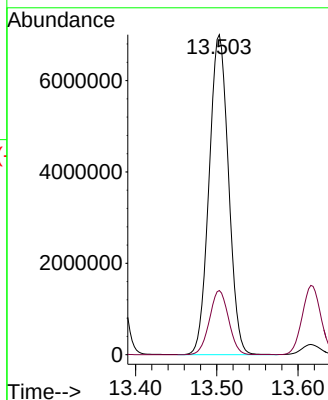
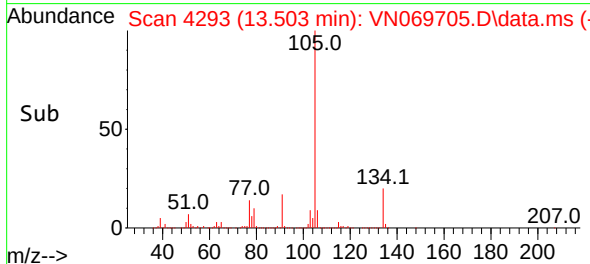
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



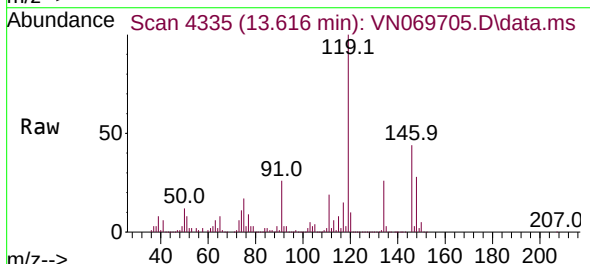
Tgt Ion:105 Resp:11590870
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

Manual Integrations
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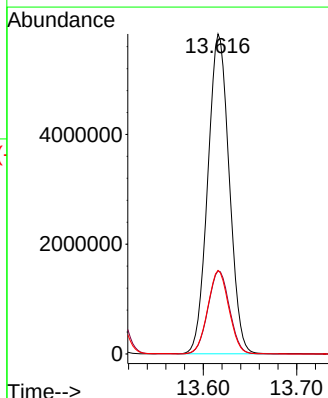
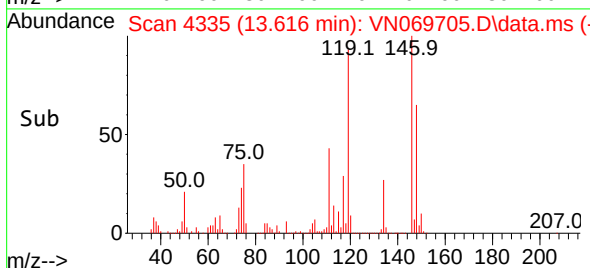
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

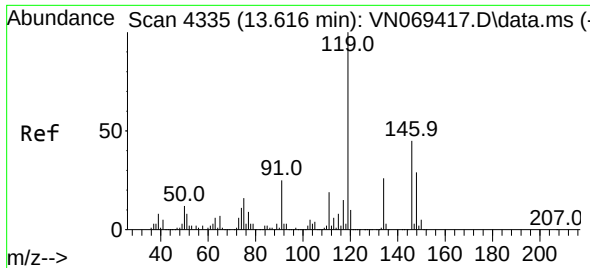


#86
 p-Isopropyltoluene
 Concen: 165.603 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069705.D
 Acq: 2 Dec 2021 19:46



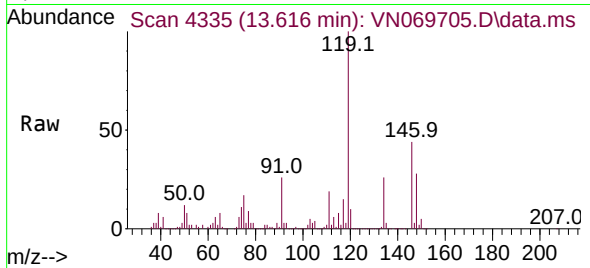
Tgt Ion:119 Resp: 9281342
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 156.706 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

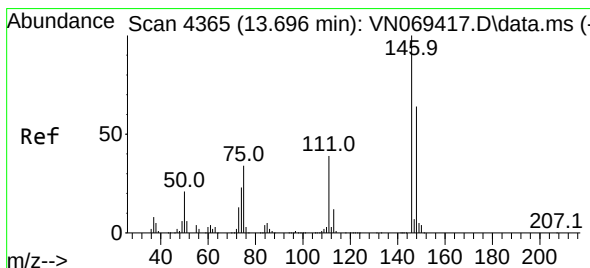
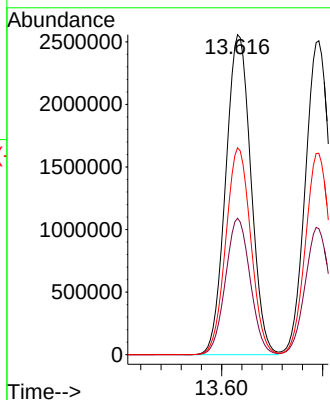
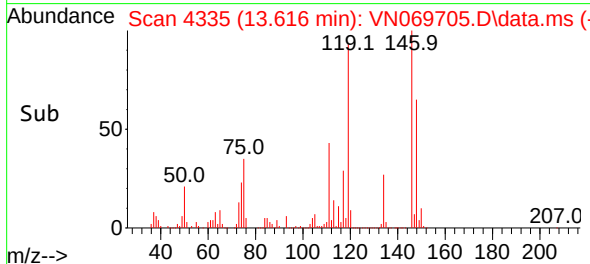
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



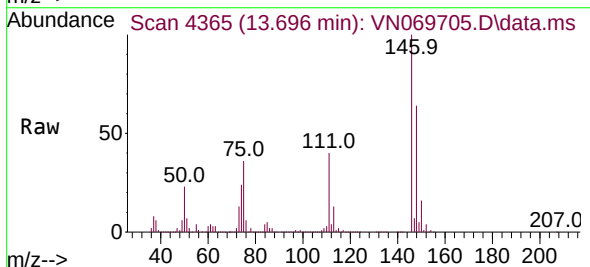
Tgt Ion:146 Resp: 443461
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
APPROVED

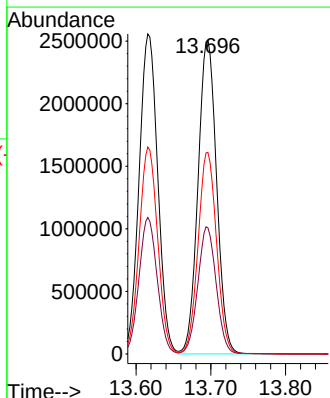
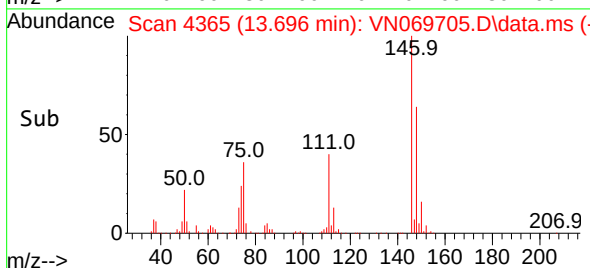
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021

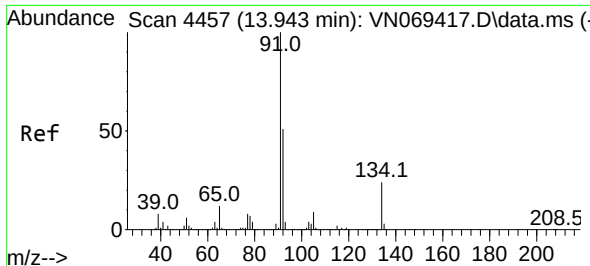


#88
1,4-Dichlorobenzene
Concen: 156.594 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



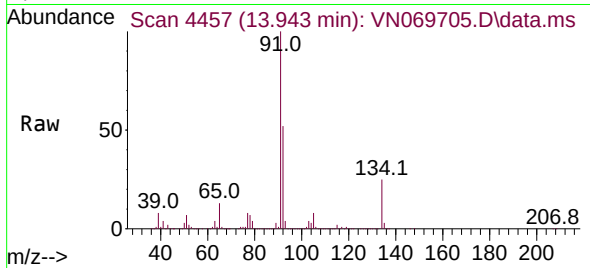
Tgt Ion:146 Resp: 4338318
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 172.955 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

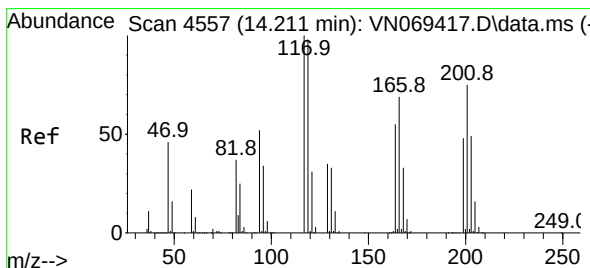
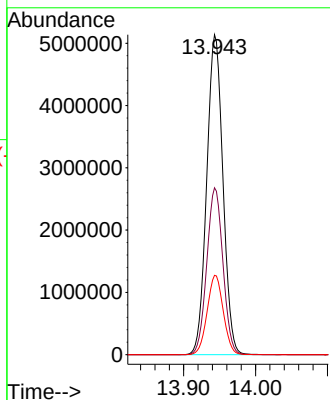
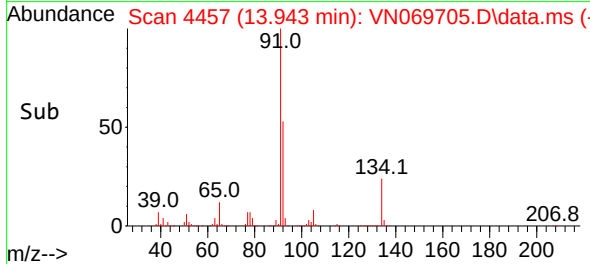
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 8043910
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 24.7 13.6 40.8

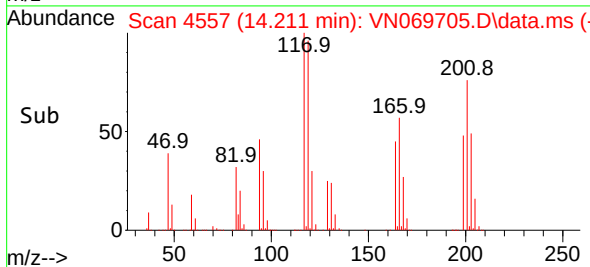
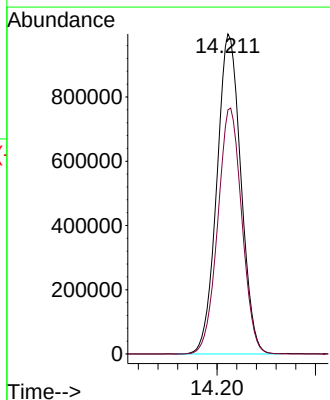
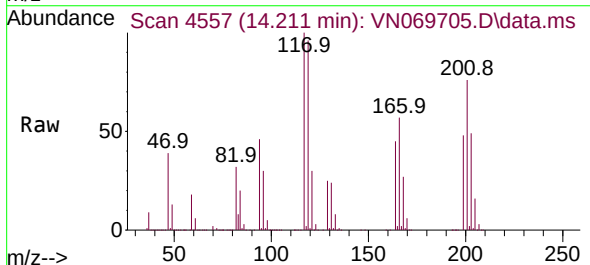
Manual Integrations
APPROVED

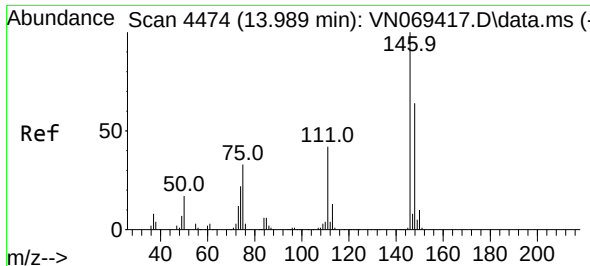
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 181.891 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

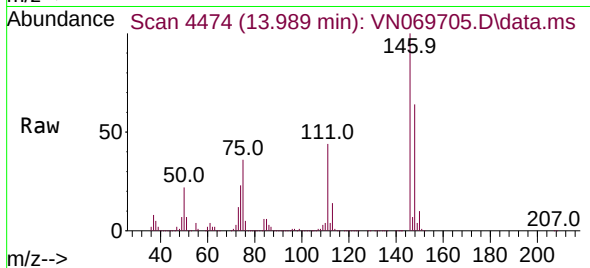
Tgt Ion:117 Resp: 1692599
Ion Ratio Lower Upper
117 100
201 76.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 154.530 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

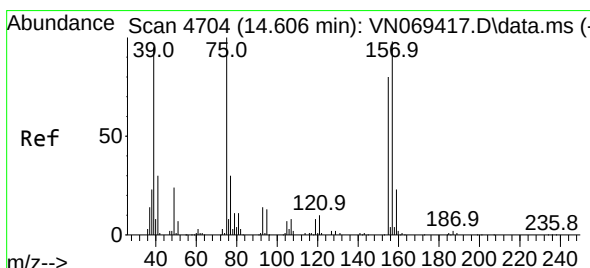
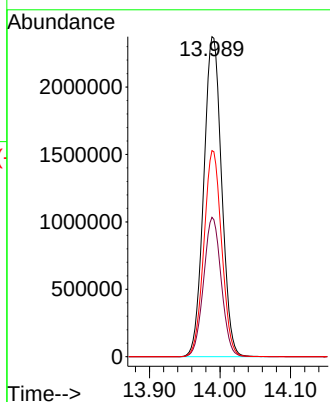
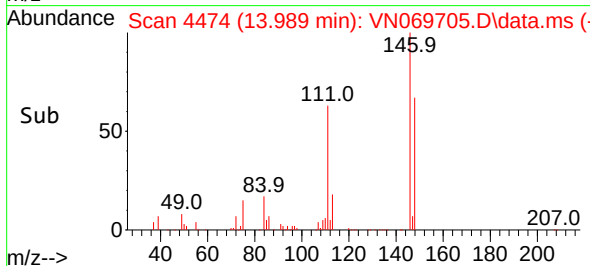
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 416934
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.9 32.1 96.3

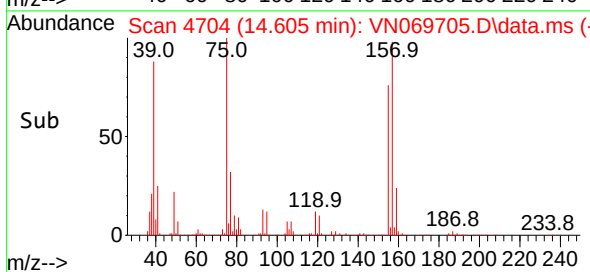
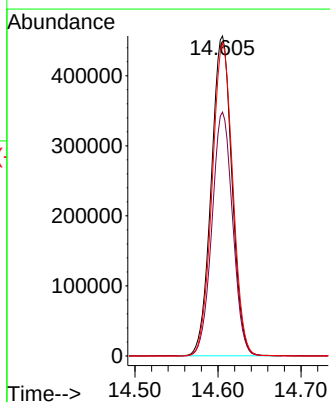
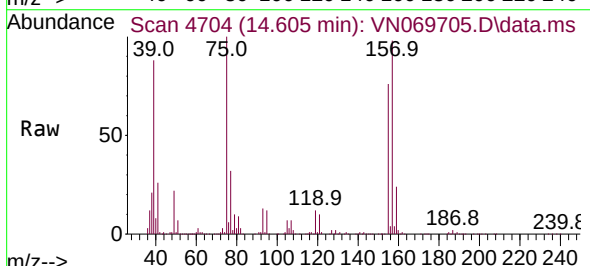
Manual Integrations
APPROVED

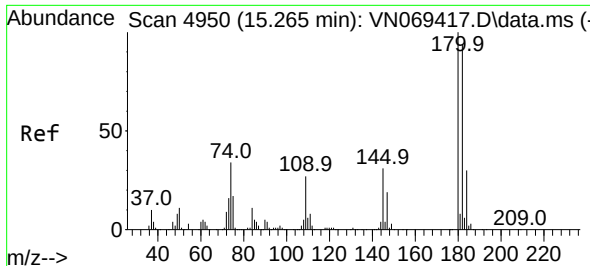
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 198.576 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

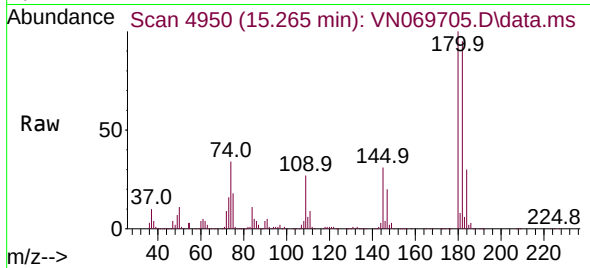
Tgt Ion: 75 Resp: 792655
Ion Ratio Lower Upper
75 100
155 76.0 46.9 140.7
157 97.6 60.6 181.7





#93
 1,2,4-Trichlorobenzene
 Concen: 192.574 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. -0.000 min
 Lab File: VN069705.D
 Acq: 2 Dec 2021 19:46

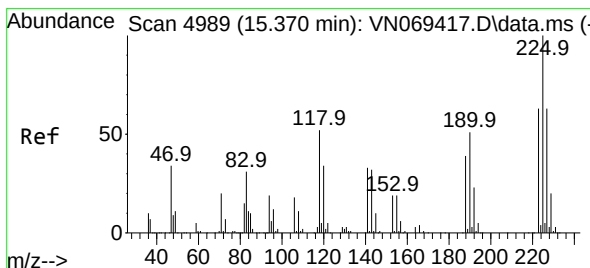
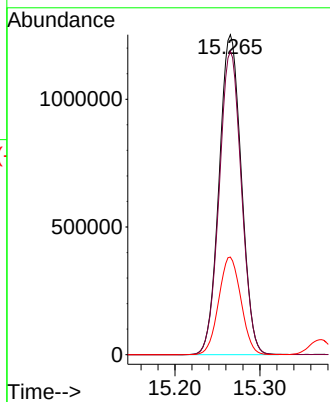
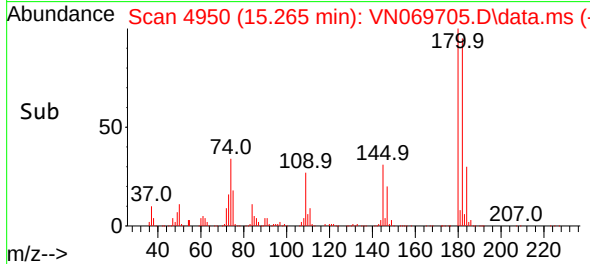
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



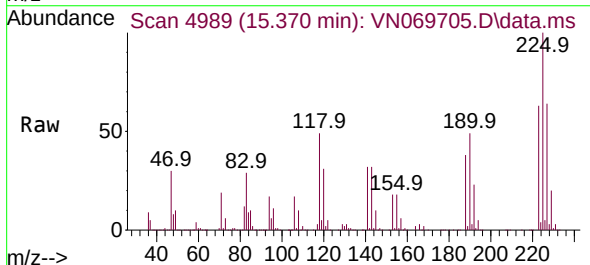
Tgt Ion:180 Resp: 227664
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.3 144.9
 145 30.6 14.5 43.5

Manual Integrations
 APPROVED

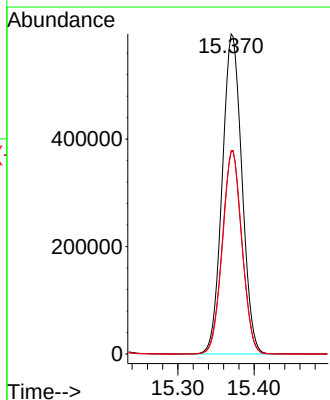
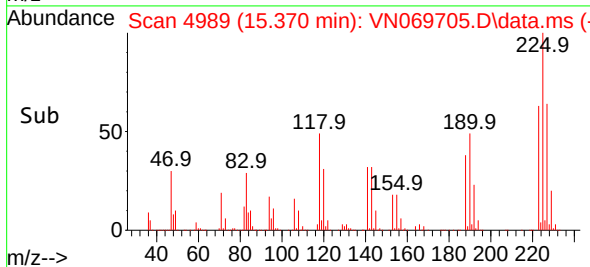
Reviewed By :John Carlone 12/03/2021
 Supervised By :Mahesh Dadoda 12/06/2021

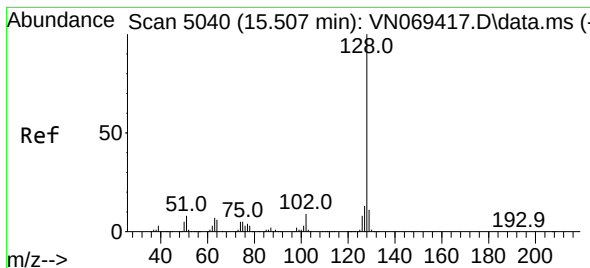


#94
 Hexachlorobutadiene
 Concen: 151.806 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. -0.000 min
 Lab File: VN069705.D
 Acq: 2 Dec 2021 19:46



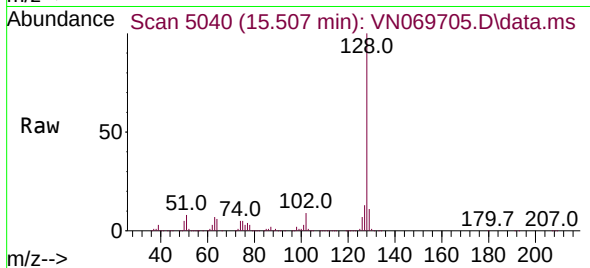
Tgt Ion:225 Resp: 1067408
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.7
 227 63.2 32.1 96.3





#95
Naphthalene
Concen: 214.810 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46

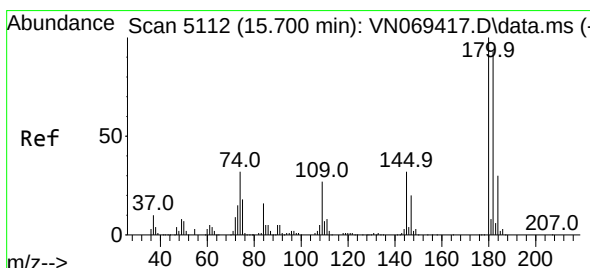
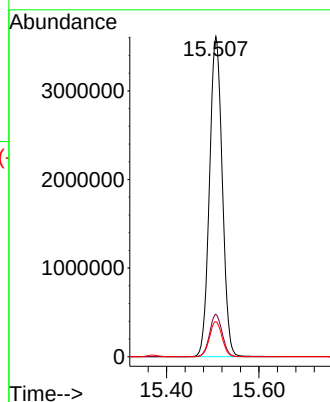
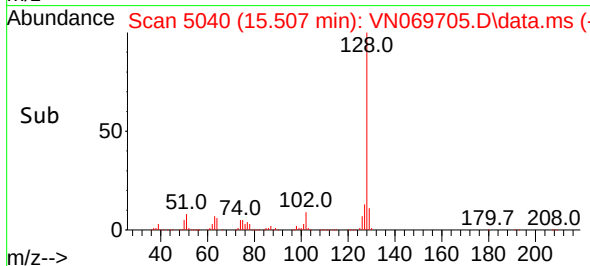
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



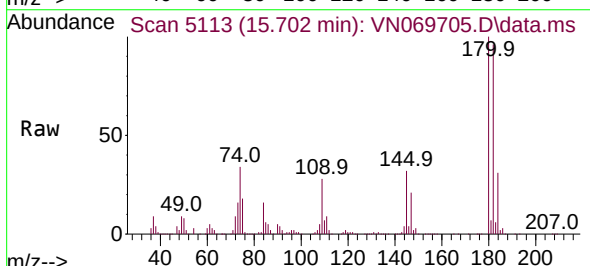
Tgt Ion:128 Resp: 692890
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 192.838 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069705.D
Acq: 2 Dec 2021 19:46



Tgt Ion:180 Resp: 2200283
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 32.5 15.0 45.1

