

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069733.D
 Acq On : 3 Dec 2021 22:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 04 05:37:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1114768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1836698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1706248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	741542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	775468	45.054	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.100%		
35) Dibromofluoromethane	8.021	113	525707	45.695	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.400%		
50) Toluene-d8	10.440	98	2094483	45.340	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.680%		
62) 4-Bromofluorobenzene	12.731	95	754074	45.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.120%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	680073	52.305	ug/l	99
3) Chloromethane	2.303	50	794471	48.773	ug/l	100
4) Vinyl Chloride	2.448	62	755683	50.453	ug/l	99
5) Bromomethane	2.848	94	410647	50.465	ug/l	99
6) Chloroethane	3.017	64	458702	49.977	ug/l	98
7) Trichlorofluoromethane	3.373	101	993607	50.545	ug/l	100
8) Diethyl Ether	3.821	74	378823	50.035	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.207	101	559503	50.775	ug/l	96
10) Methyl Iodide	4.419	142	774918	51.477	ug/l	98
11) Tert butyl alcohol	5.377	59	657494	202.089	ug/l	98
12) 1,1-Dichloroethene	4.178	96	526924	49.623	ug/l	89
13) Acrolein	4.039	56	588120	212.269	ug/l	97
14) Allyl chloride	4.840	41	1177411	49.208	ug/l	95
15) Acrylonitrile	5.551	53	2031431	231.714	ug/l	98
16) Acetone	4.285	43	2005804m	193.726	ug/l	
17) Carbon Disulfide	4.527	76	1391654	50.729	ug/l	98
18) Methyl Acetate	4.854	43	1430991	45.788	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	2081596	50.417	ug/l	96
20) Methylene Chloride	5.093	84	661910	48.089	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	580425	50.325	ug/l	85
22) Diisopropyl ether	6.495	45	2441056	52.195	ug/l	96
23) Vinyl Acetate	6.434	43	9884839	259.796	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1251809	51.671	ug/l	98
25) 2-Butanone	7.335	43	3033346	215.623	ug/l	92
26) 2,2-Dichloropropane	7.324	77	891178	47.312	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	699223	50.179	ug/l	86
28) Bromochloromethane	7.656	49	591184	46.927	ug/l #	79
29) Tetrahydrofuran	7.683	42	1999943	234.122	ug/l	88
30) Chloroform	7.817	83	1245303	50.897	ug/l	99
31) Cyclohexane	8.094	56	1188832	49.632	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	1061168	50.917	ug/l	96
36) 1,1-Dichloropropene	8.220	75	912485	52.187	ug/l	96
37) Ethyl Acetate	7.412	43	1228152	47.193	ug/l	96
38) Carbon Tetrachloride	8.206	117	903619	52.701	ug/l	100
39) Methylcyclohexane	9.459	83	1091900	52.501	ug/l	91
40) Benzene	8.458	78	2754558	51.541	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	616362	50.454	ug/l	88
42) 1,2-Dichloroethane	8.528	62	1091424	50.589	ug/l	96
43) Isopropyl Acetate	8.560	43	1903790	49.435	ug/l #	94
44) Trichloroethene	9.215	130	659367	51.691	ug/l	93
45) 1,2-Dichloropropane	9.488	63	749319	52.211	ug/l	99
46) Dibromomethane	9.577	93	483389	51.357	ug/l	93
47) Bromodichloromethane	9.762	83	945580	53.060	ug/l	98
48) Methyl methacrylate	9.558	41	955010	53.138	ug/l #	81
49) 1,4-Dioxane	9.569	88	280377	869.449	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	6181643	247.432	ug/l	95
52) Toluene	10.505	92	1694796	51.942	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	1008160	47.195	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1084266	48.266	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	668457	50.775	ug/l	97
56) Ethyl methacrylate	10.760	69	1142390	46.172	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	1185766	51.153	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1367495	207.253	ug/l	91
59) 2-Hexanone	11.084	43	4383098	231.922	ug/l	92
60) Dibromochloromethane	11.237	129	674266	47.905	ug/l	100
61) 1,2-Dibromoethane	11.344	107	701070	51.414	ug/l	99
64) Tetrachloroethene	10.977	164	605660	52.350	ug/l	95
65) Chlorobenzene	11.768	112	1778460	51.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	645007	52.942	ug/l	99
67) Ethyl Benzene	11.843	91	3350797	53.291	ug/l	96
68) m/p-Xylenes	11.953	106	2482204	108.422	ug/l	93
69) o-Xylene	12.280	106	1229653	53.323	ug/l	92
70) Styrene	12.294	104	2006195	54.864	ug/l	96
71) Bromoform	12.457	173	484492	46.686	ug/l #	100
73) Isopropylbenzene	12.578	105	3233006	49.002	ug/l	98
74) N-amyl acetate	12.387	43	1387558	47.556	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1064370	46.653	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	960796m	45.181	ug/l	
77) Bromobenzene	12.860	156	742630	47.921	ug/l	80
78) n-propylbenzene	12.919	91	3713834	50.585	ug/l	96
79) 2-Chlorotoluene	13.007	91	2263607	48.795	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2669770	50.275	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	279504	43.584	ug/l	92
82) 4-Chlorotoluene	13.104	91	2192533	50.256	ug/l	92
83) tert-Butylbenzene	13.323	119	2323964	49.424	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2614529	51.698	ug/l	98
85) sec-Butylbenzene	13.500	105	3233760	50.702	ug/l	97
86) p-Isopropyltoluene	13.616	119	2593928	52.030	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1269838	49.878	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1234057	49.324	ug/l	98
89) n-Butylbenzene	13.943	91	2070403	51.195	ug/l	98
90) Hexachloroethane	14.209	117	443985	50.724	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1237458	49.885	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	193256	46.877	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	539323	44.655	ug/l	98
94) Hexachlorobutadiene	15.370	225	323929	49.273	ug/l	98
95) Naphthalene	15.507	128	1422117	40.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	525428	44.590	ug/l	99

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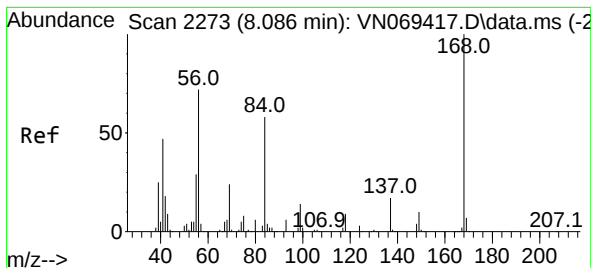
Manual Integrations
APPROVED

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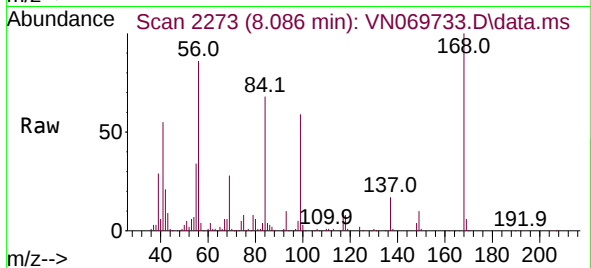
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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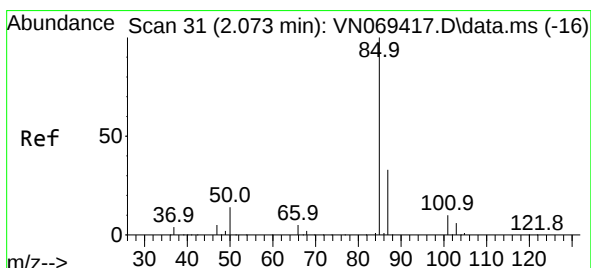
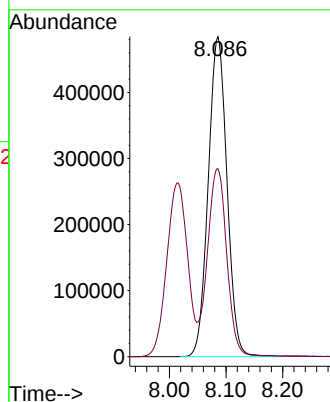
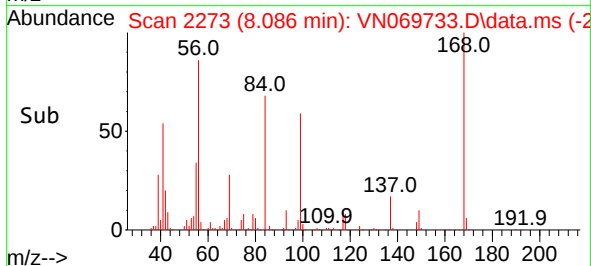
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 1114768
Ion Ratio Lower Upper
168 100
99 58.6 41.3 61.9

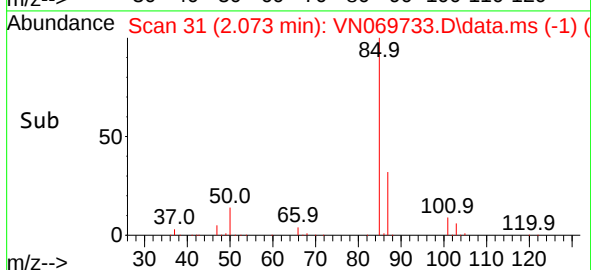
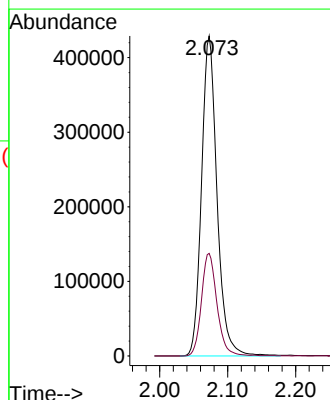
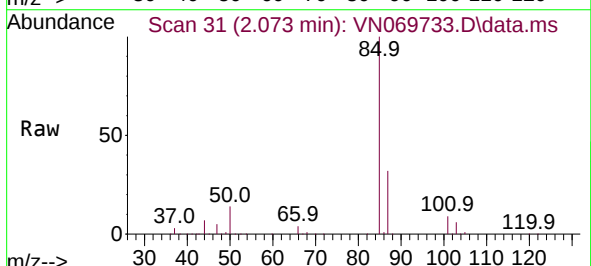
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#2
Dichlorodifluoromethane
Concen: 52.305 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

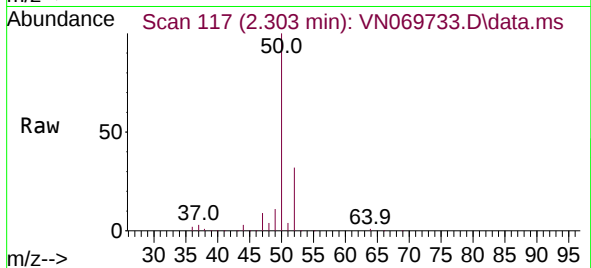
Tgt Ion: 85 Resp: 680073
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





#3
Chloromethane
Concen: 48.773 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

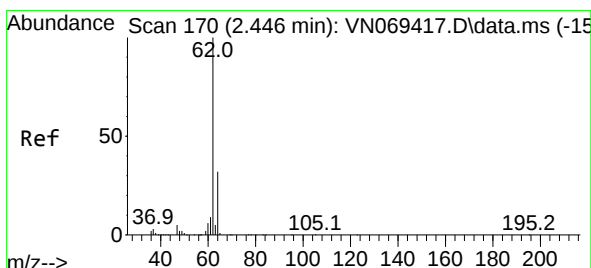
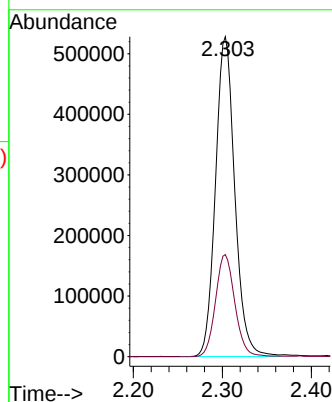
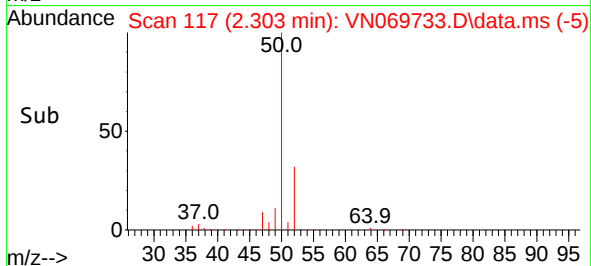
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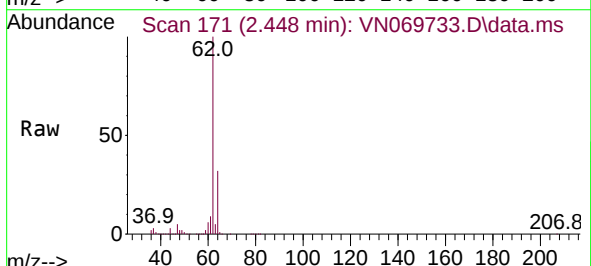
Tgt Ion: 50 Resp: 79447
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

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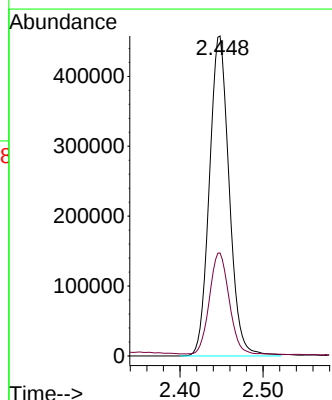
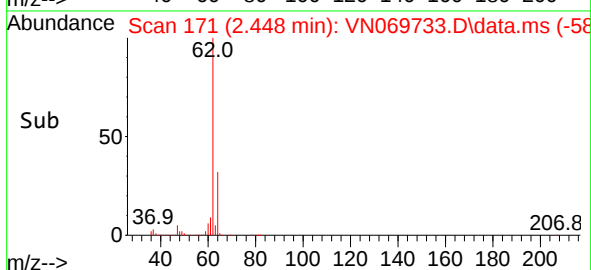
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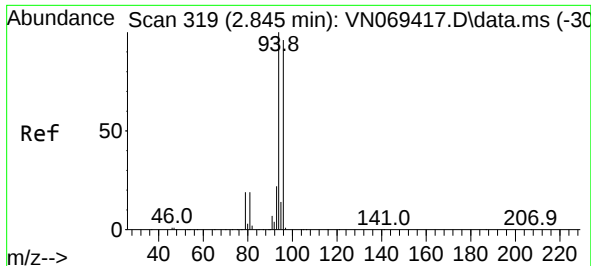


#4
Vinyl Chloride
Concen: 50.453 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



Tgt Ion: 62 Resp: 755683
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





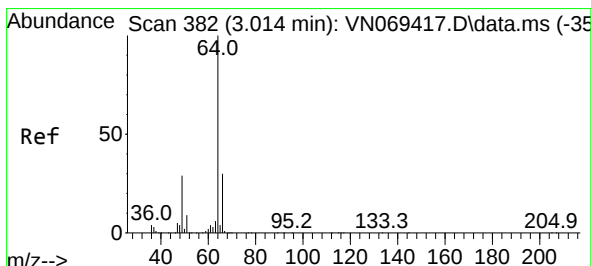
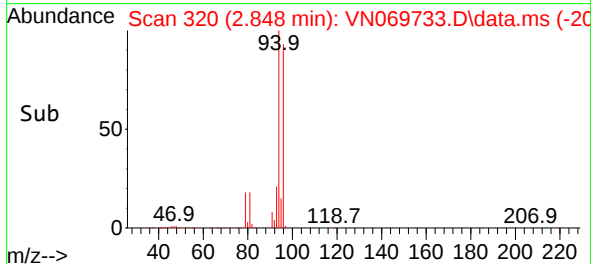
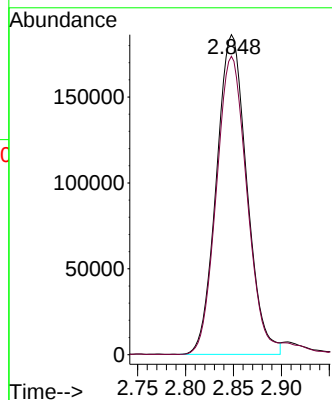
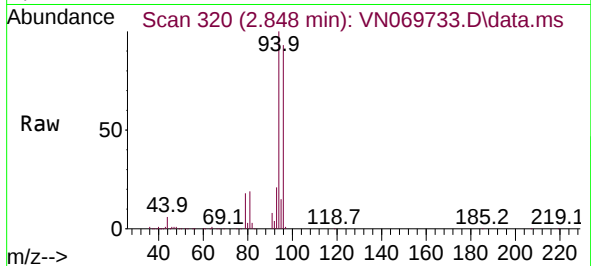
#5
Bromomethane
Concen: 50.465 ug/l
RT: 2.848 min Scan# 319
Delta R.T. 0.011 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Instrument :
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Tgt Ion: 94 Resp: 41064
Ion Ratio Lower Upper
94 100
96 93.3 73.8 110.8

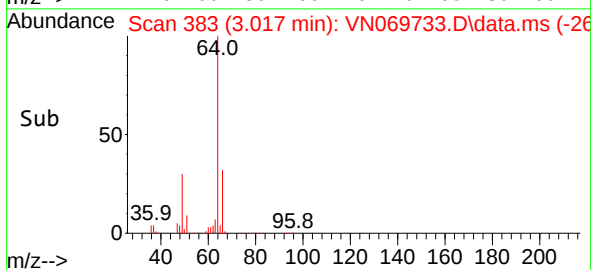
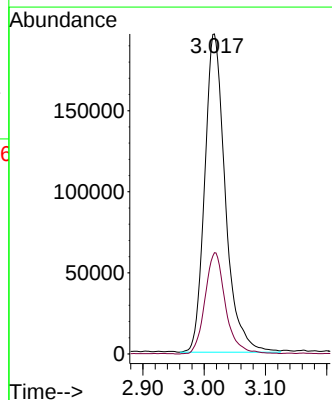
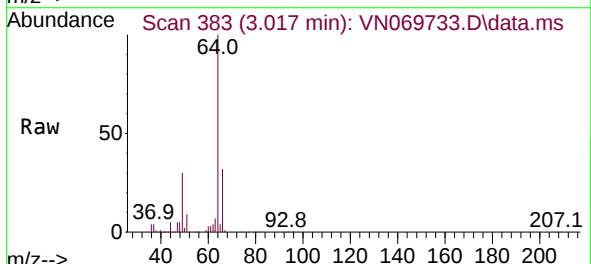
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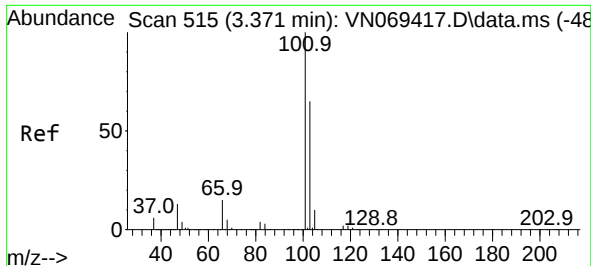
Reviewed By :John Carlone 12/04/2021
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#6
Chloroethane
Concen: 49.977 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

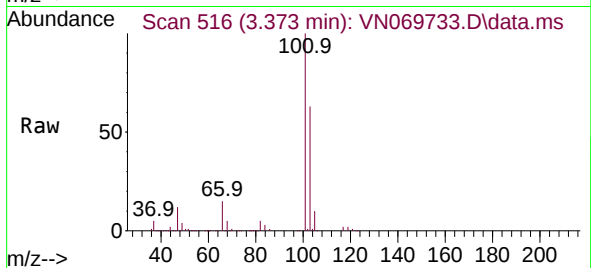
Tgt Ion: 64 Resp: 458702
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 50.545 ug/l
 RT: 3.373 min Scan# 515
 Delta R.T. 0.005 min
 Lab File: VN069733.D
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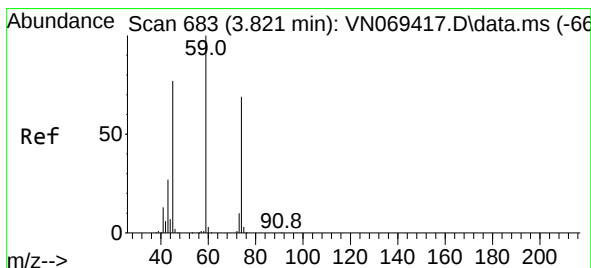
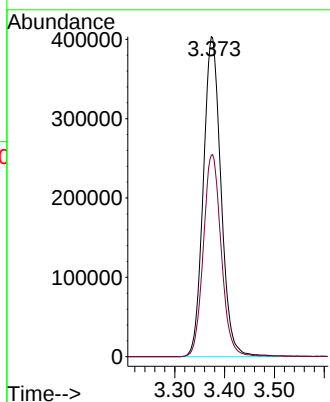
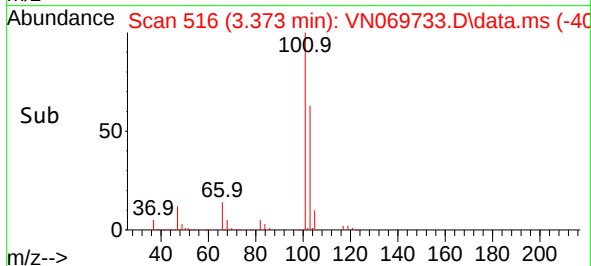
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Tgt Ion:101 Resp: 99360
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.1 75.1

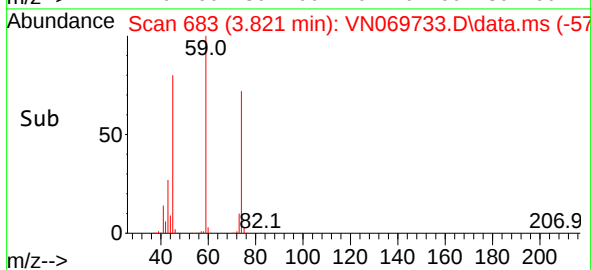
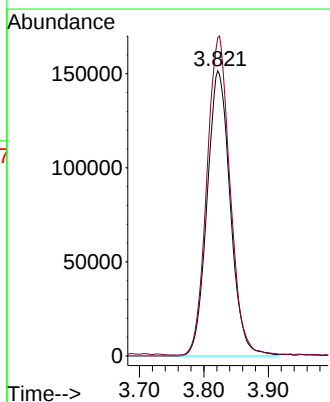
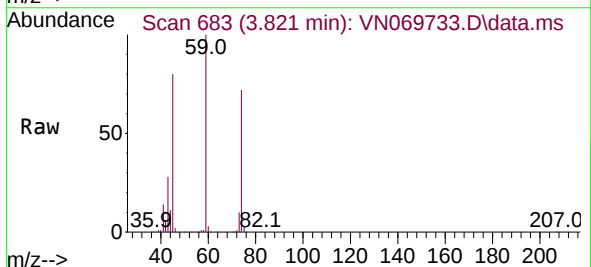
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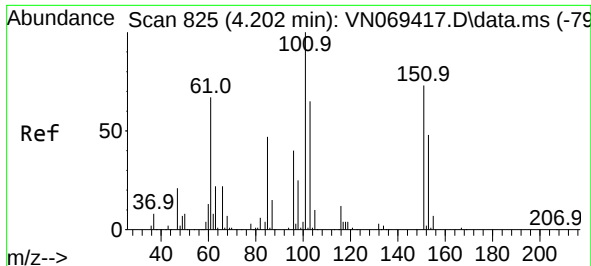
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#8
 Diethyl Ether
 Concen: 50.035 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN069733.D
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Tgt Ion: 74 Resp: 378823
 Ion Ratio Lower Upper
 74 100
 45 111.8 47.0 141.2





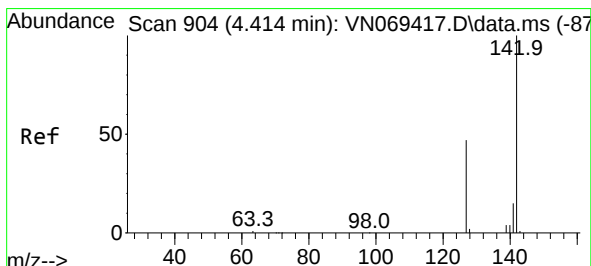
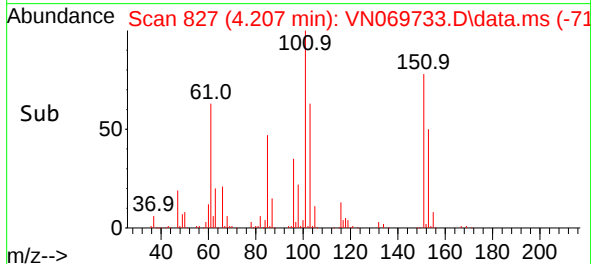
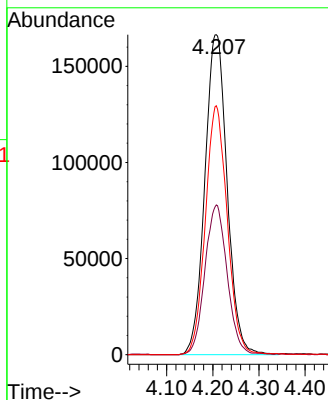
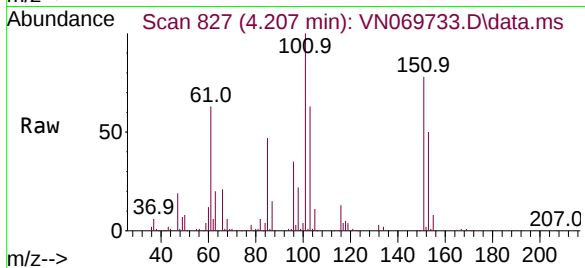
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.775 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

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MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 55950
Ion Ratio Lower Upper
101 100
85 46.5 37.2 55.8
151 76.3 65.9 98.9

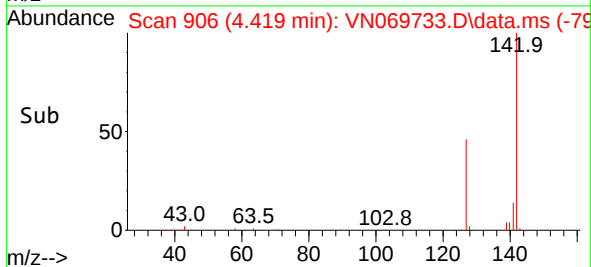
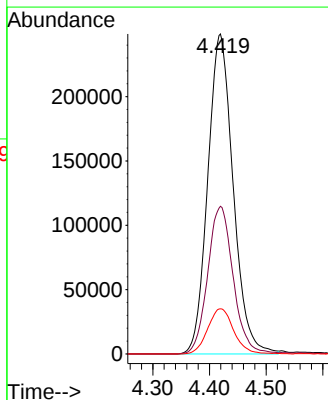
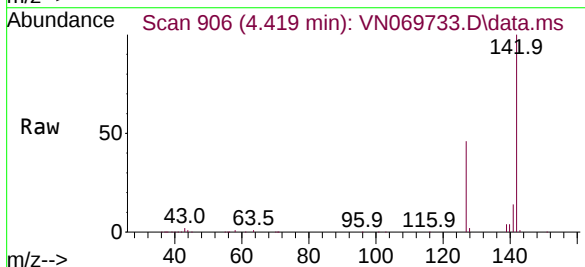
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 51.477 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

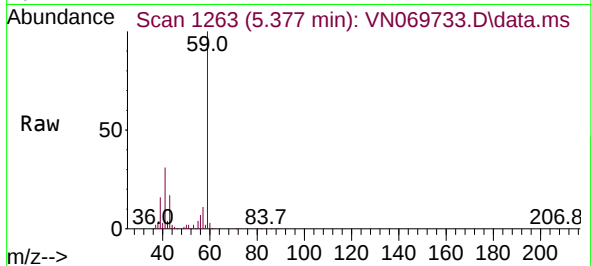
Tgt Ion:142 Resp: 774918
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 202.089 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

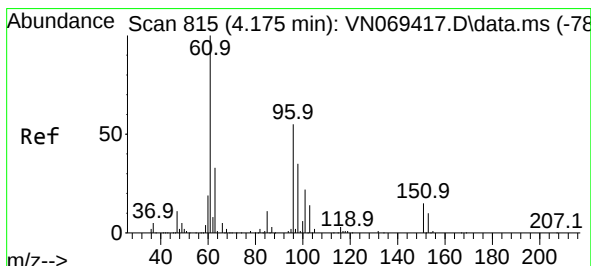
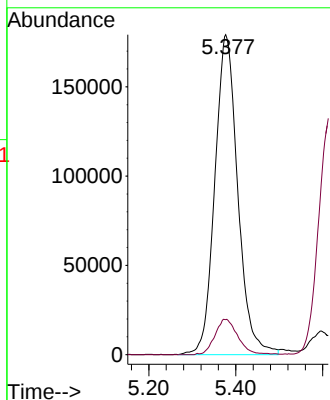
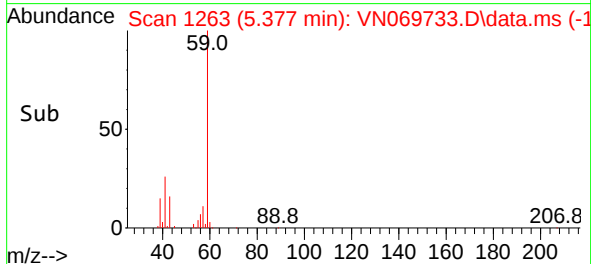
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



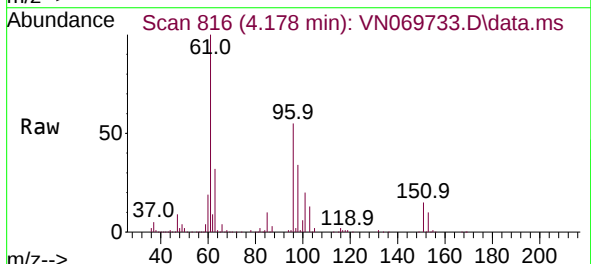
Tgt Ion: 59 Resp: 657494
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
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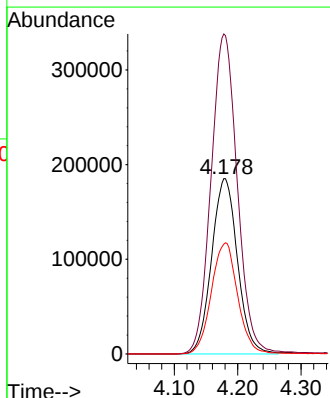
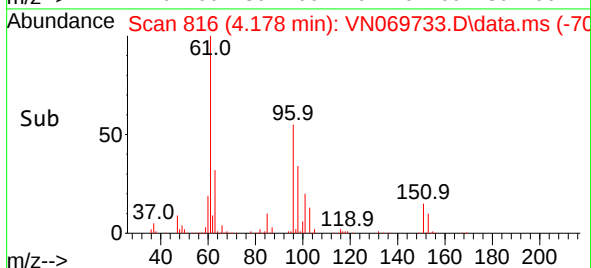
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 49.623 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



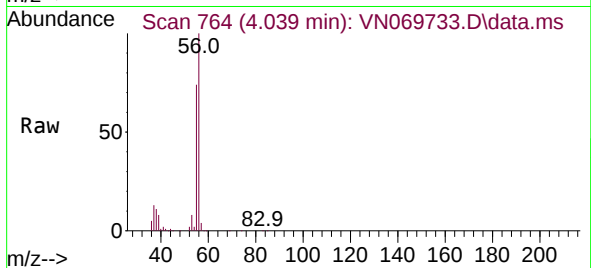
Tgt Ion: 96 Resp: 526924
Ion Ratio Lower Upper
96 100
61 182.4 131.0 196.6
98 62.6 52.4 78.6





#13
Acrolein
Concen: 212.269 ug/l
RT: 4.039 min Scan# 764
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

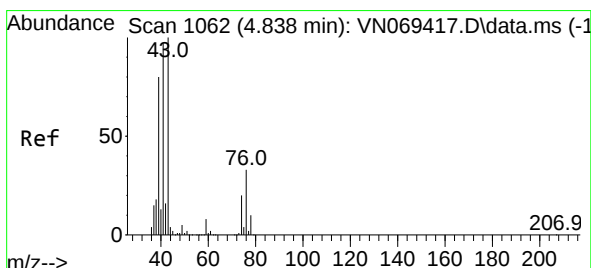
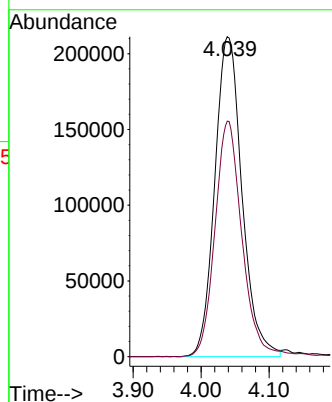
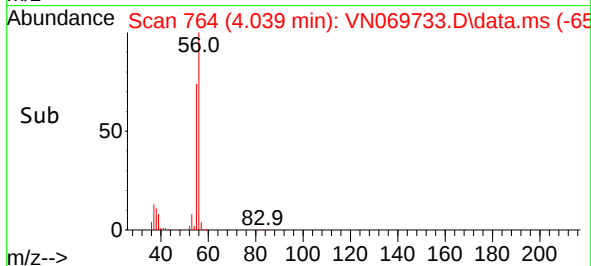
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



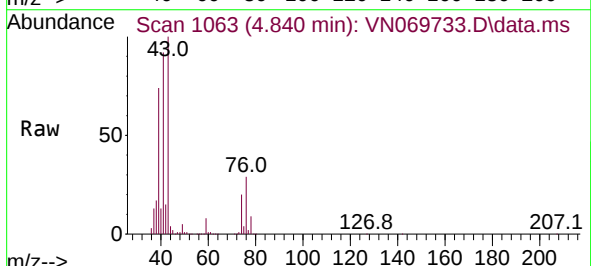
Tgt Ion: 56 Resp: 588120
Ion Ratio Lower Upper
56 100
55 73.0 56.6 85.0

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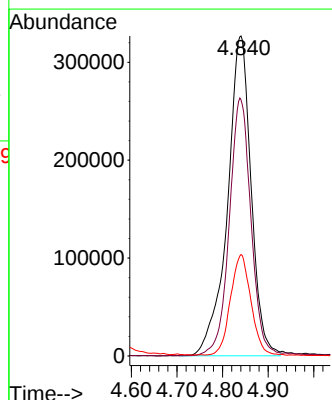
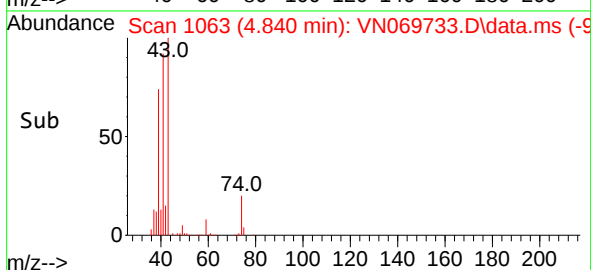
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

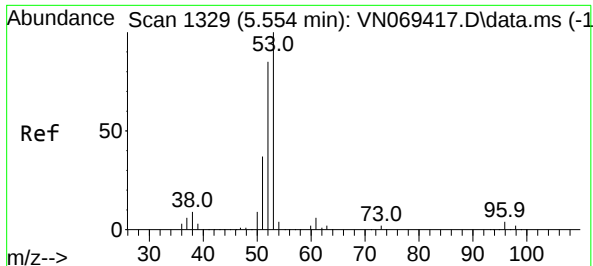


#14
Allyl chloride
Concen: 49.208 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



Tgt Ion: 41 Resp: 1177411
Ion Ratio Lower Upper
41 100
39 73.7 61.2 91.8
76 27.2 26.0 39.0





#15

Acrylonitrile

Concen: 231.714 ug/l

RT: 5.551 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 53 Resp: 203143

Ion Ratio Lower Upper

53 100

52 84.7 66.2 99.2

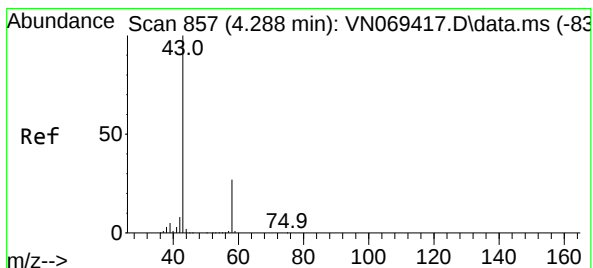
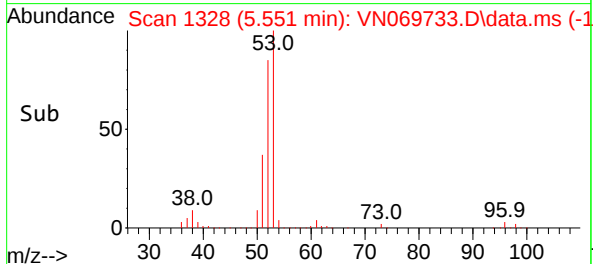
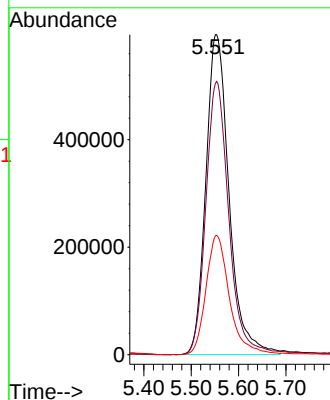
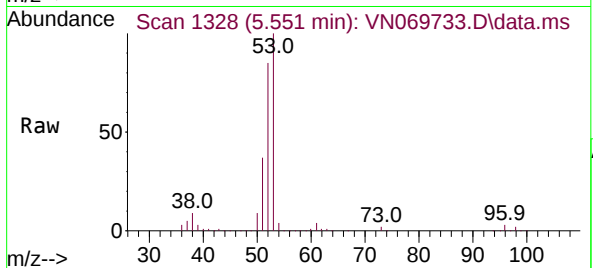
51 37.8 29.6 44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#16

Acetone

Concen: 193.726 ug/l m

RT: 4.285 min Scan# 856

Delta R.T. -0.005 min

Lab File: VN069733.D

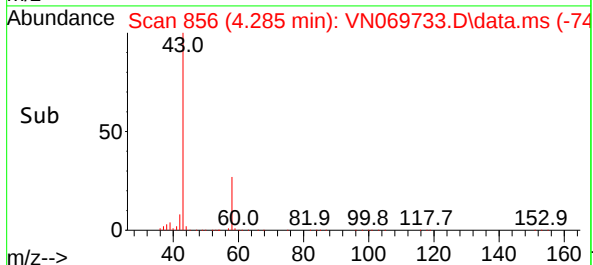
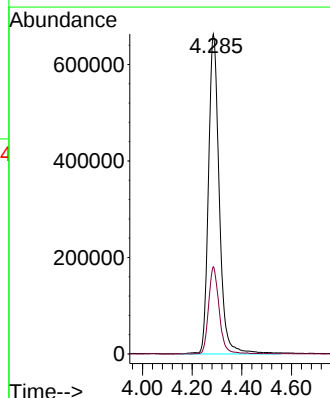
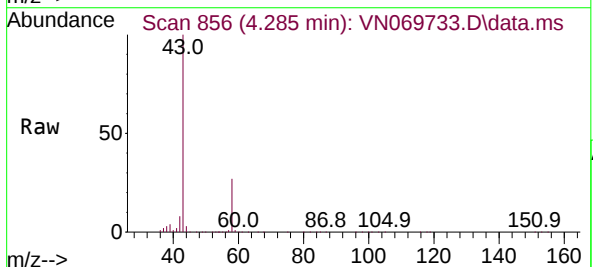
Acq: 3 Dec 2021 22:01

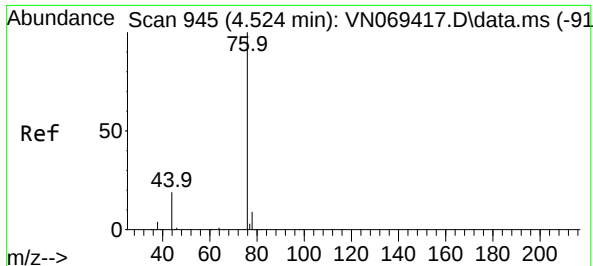
Tgt Ion: 43 Resp: 2005804

Ion Ratio Lower Upper

43 100

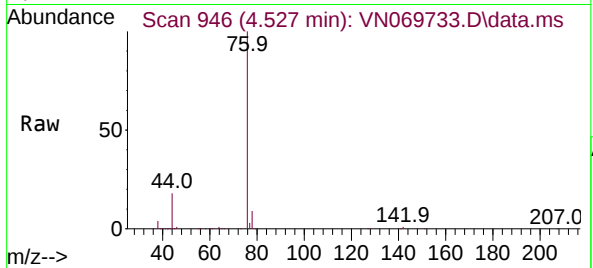
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 50.729 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

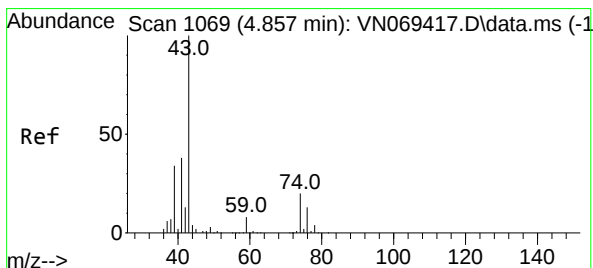
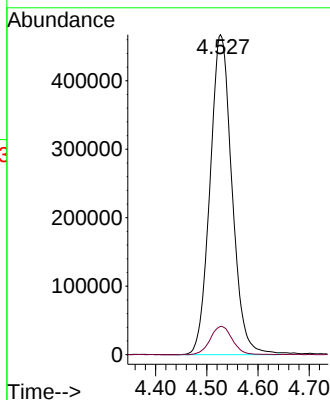
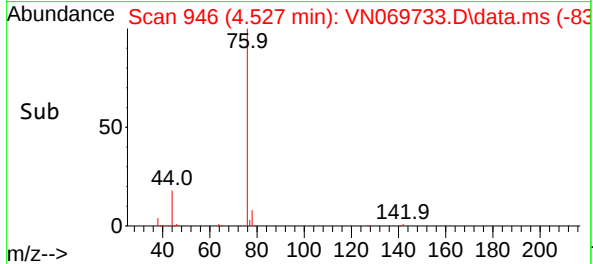
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 1391654
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

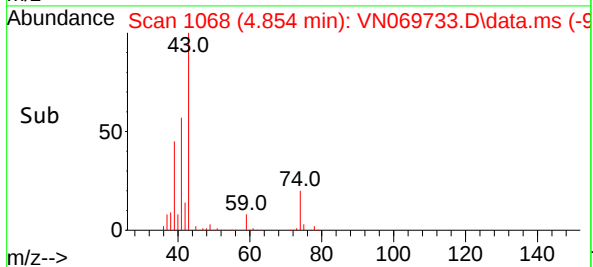
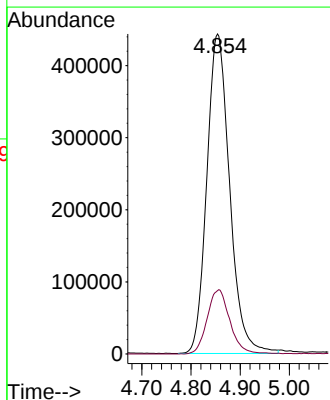
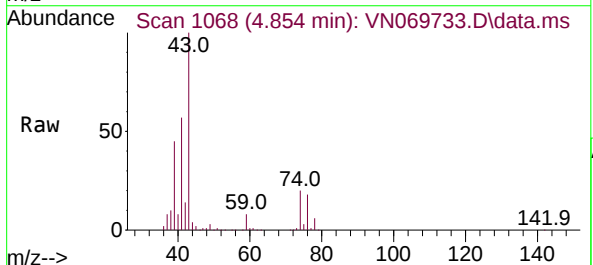
Manual Integrations
APPROVED

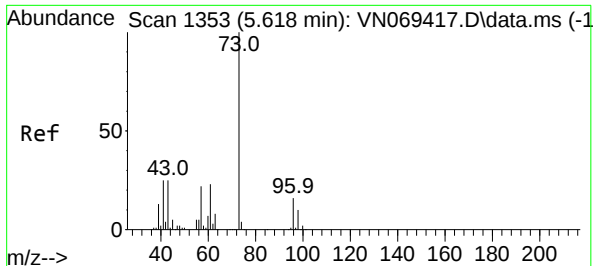
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#18
Methyl Acetate
Concen: 45.788 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

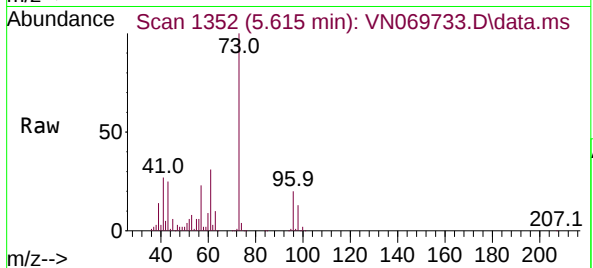
Tgt Ion: 43 Resp: 1430991
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 50.417 ug/l
RT: 5.615 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

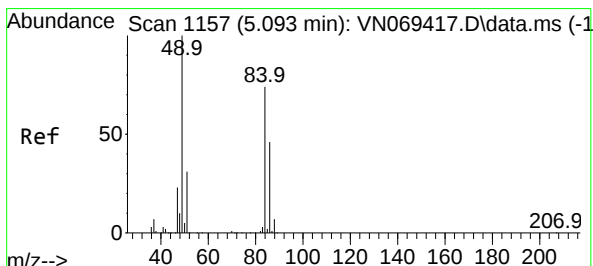
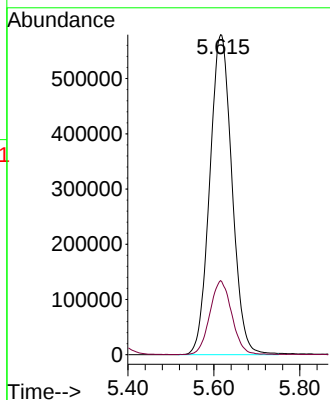
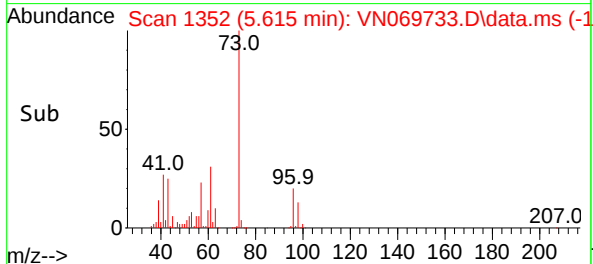
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 2081590
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

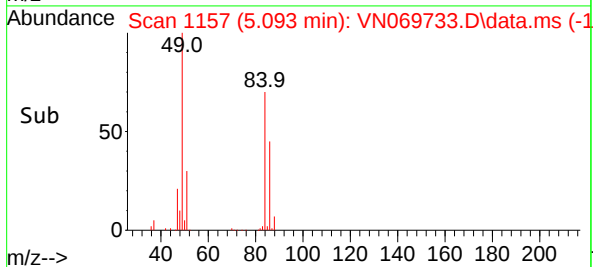
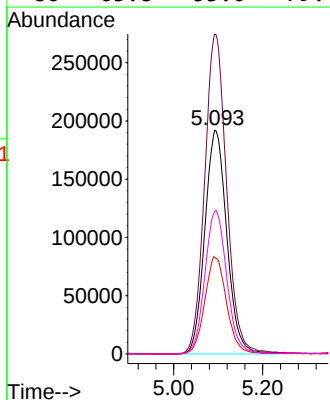
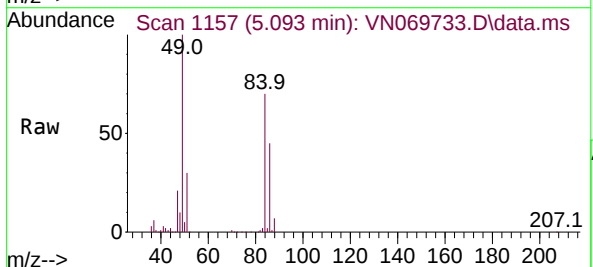
Manual Integrations
APPROVED

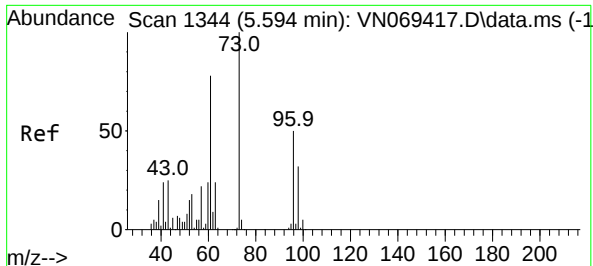
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#20
Methylene Chloride
Concen: 48.089 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

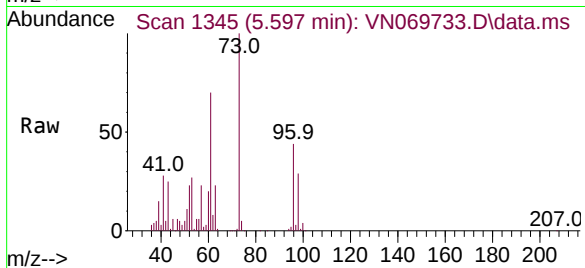
Tgt Ion: 84 Resp: 661910
Ion Ratio Lower Upper
84 100
49 142.8 93.5 140.3#
51 43.2 29.4 44.2
86 63.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 50.325 ug/l
RT: 5.597 min Scan# 1344
Delta R.T. 0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

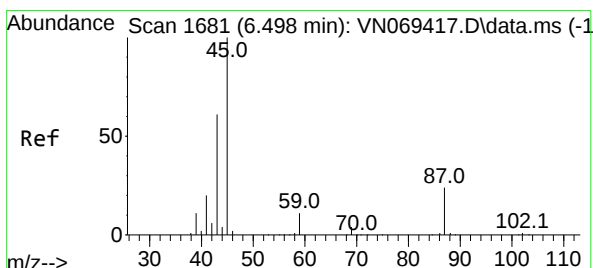
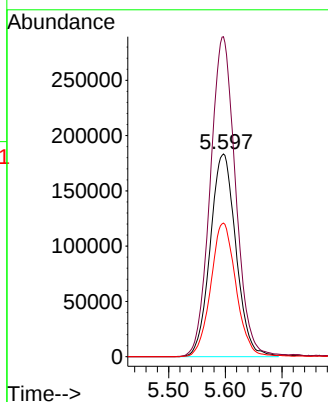
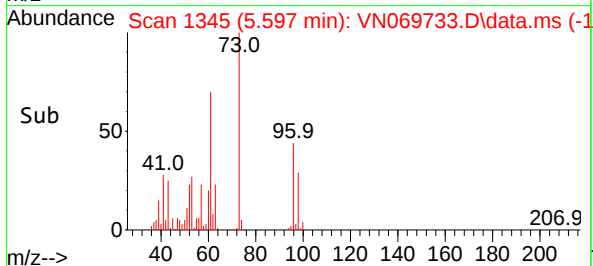
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



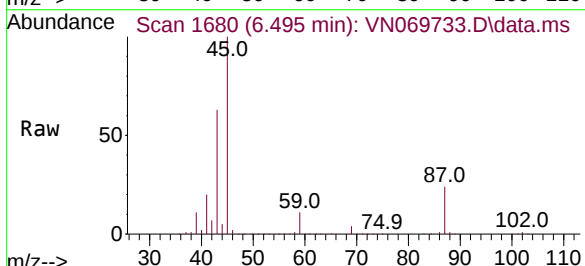
Tgt Ion: 96 Resp: 580425
Ion Ratio Lower Upper
96 100
61 157.7 105.8 158.6
98 65.9 52.0 78.0

Manual Integrations
APPROVED

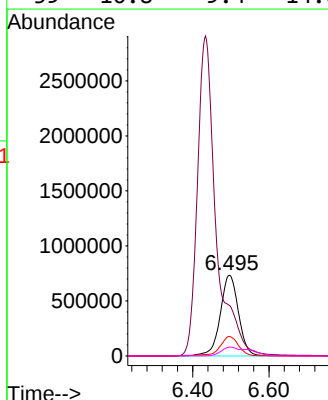
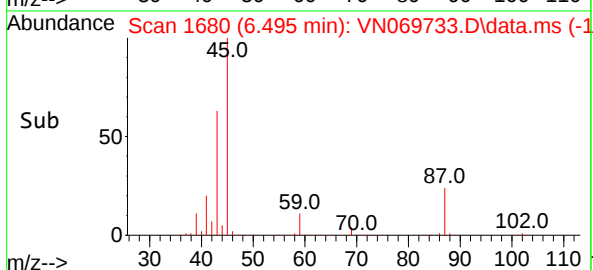
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

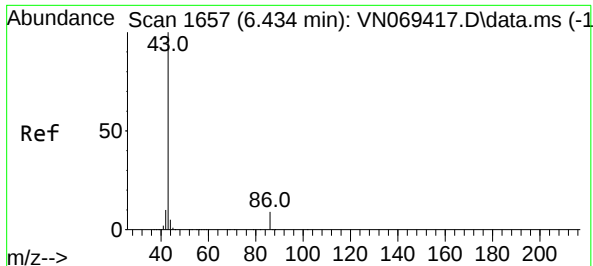


#22
Diisopropyl ether
Concen: 52.195 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



Tgt Ion: 45 Resp: 2441056
Ion Ratio Lower Upper
45 100
43 62.7 51.7 77.5
87 24.0 23.2 34.8
59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 259.796 ug/l

RT: 6.434 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9884839

Ion Ratio Lower Upper

43 100

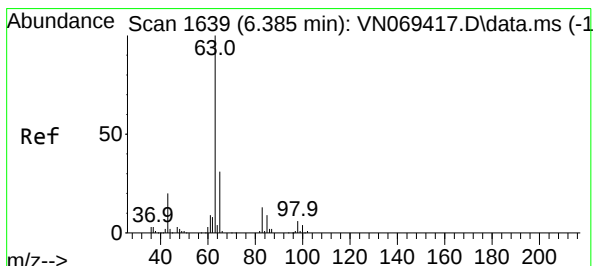
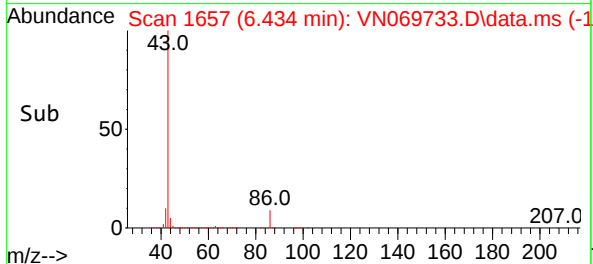
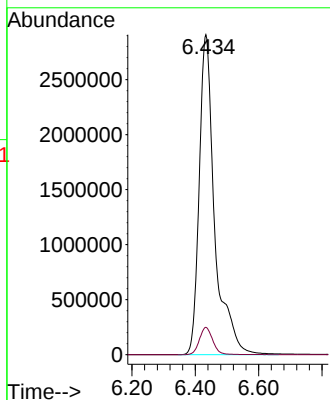
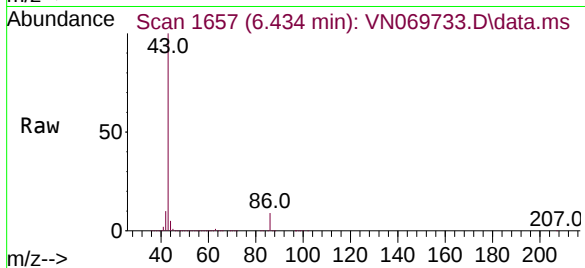
86 8.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#24

1,1-Dichloroethane

Concen: 51.671 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

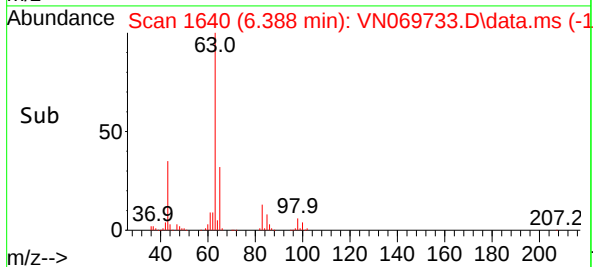
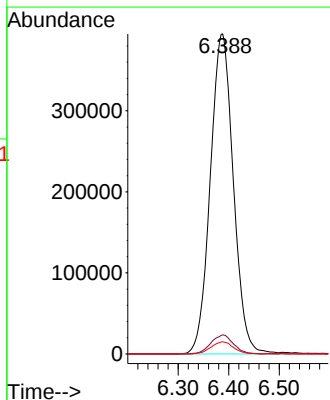
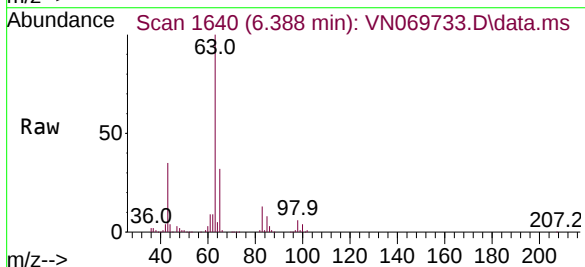
Tgt Ion: 63 Resp: 1251809

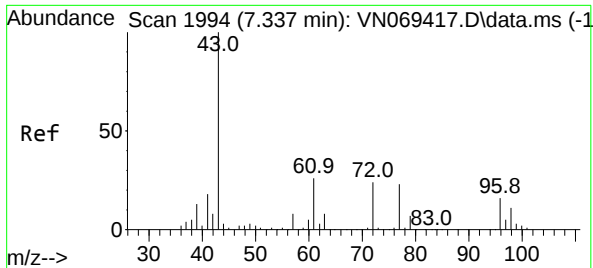
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 3.8 2.1 6.5





#25

2-Butanone

Concen: 215.623 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 303334

Ion Ratio Lower Upper

43 100

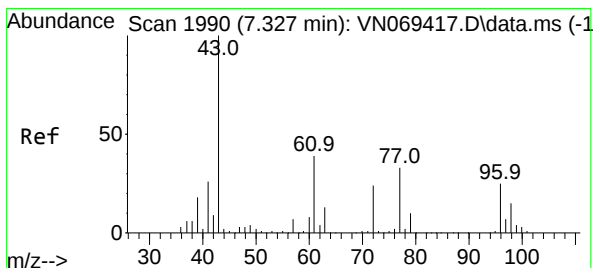
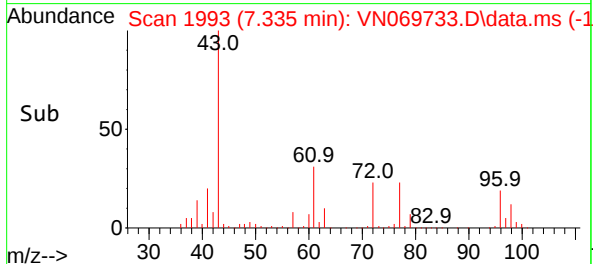
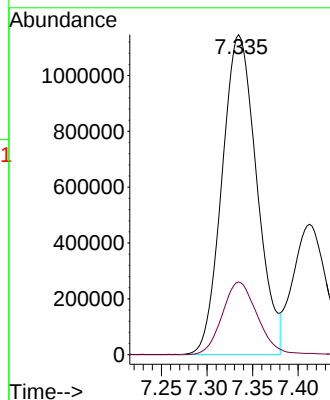
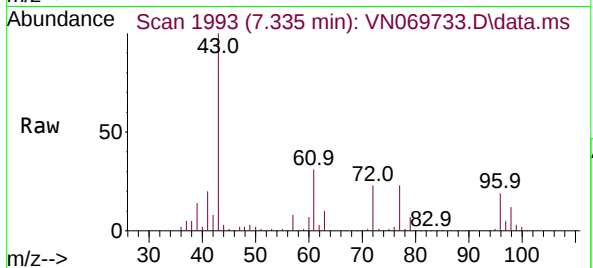
72 22.7 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 47.312 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069733.D

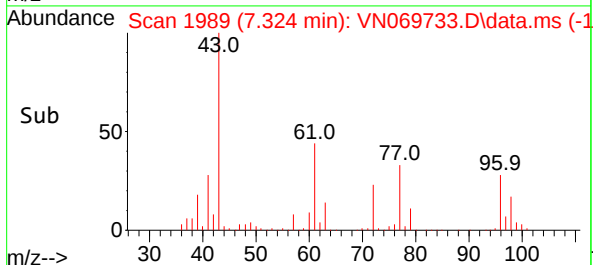
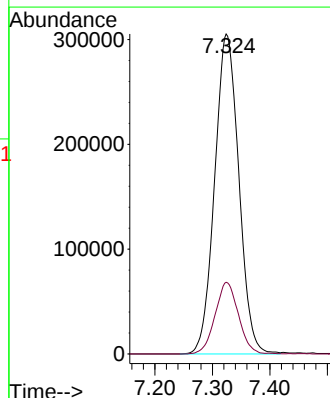
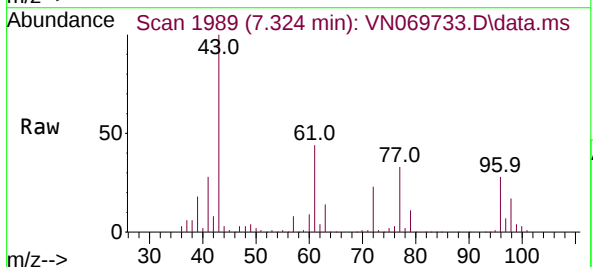
Acq: 3 Dec 2021 22:01

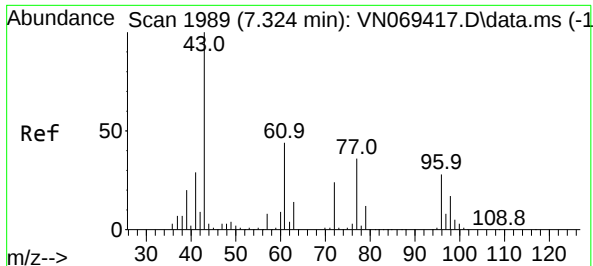
Tgt Ion: 77 Resp: 891178

Ion Ratio Lower Upper

77 100

97 21.6 11.6 34.8





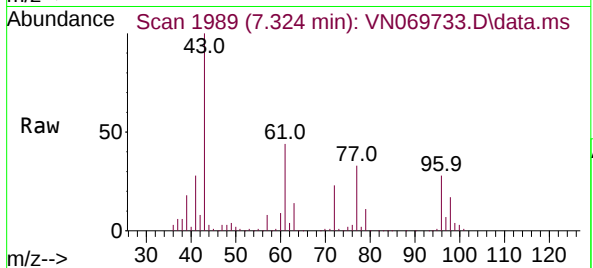
#27
 cis-1,2-Dichloroethene
 Concen: 50.179 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN069733.D
 Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



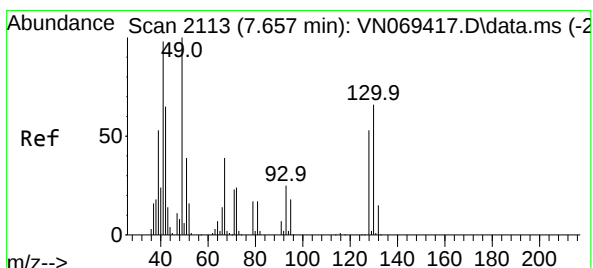
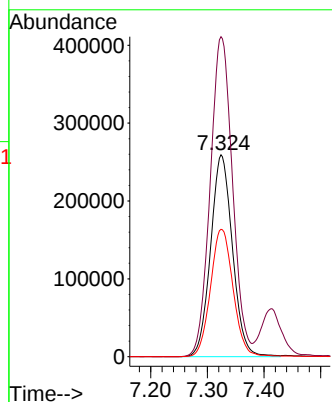
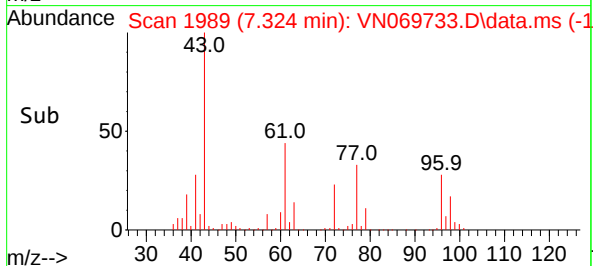
Tgt Ion: 96 Resp: 699223
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 275.0
 98 64.6 0.0 129.6

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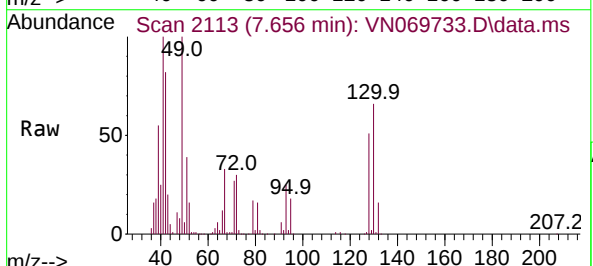
APPROVED

Reviewed By :John Carlone 12/04/2021

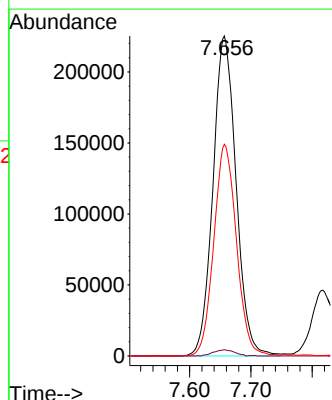
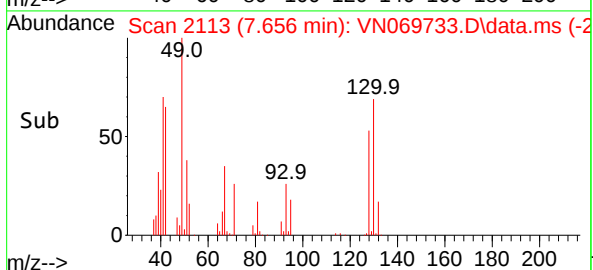
Supervised By :Mahesh Dadoda 12/06/2021

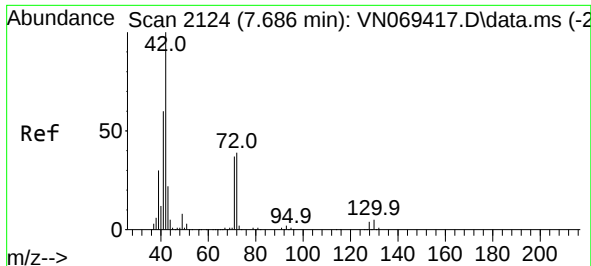


#28
 Bromochloromethane
 Concen: 46.927 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069733.D
 Acq: 3 Dec 2021 22:01



Tgt Ion: 49 Resp: 591184
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 64.8 67.8 101.8#





#29

Tetrahydrofuran

Concen: 234.122 ug/l

RT: 7.683 min Scan# 2124

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 199994

Ion Ratio Lower Upper

42 100

72 37.5 36.3 54.5

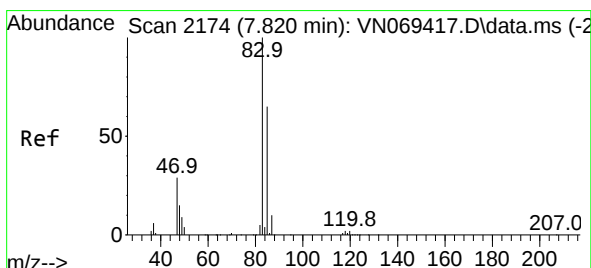
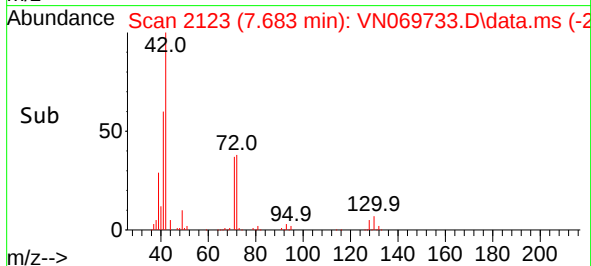
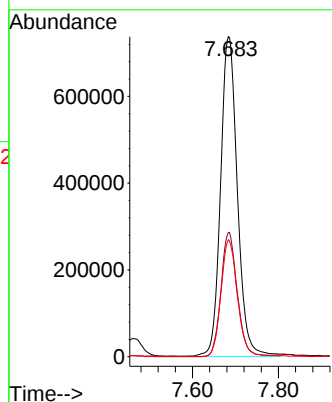
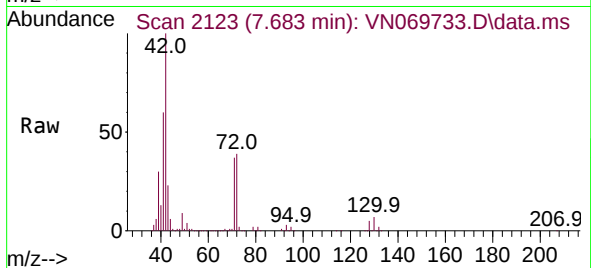
71 35.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 50.897 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069733.D

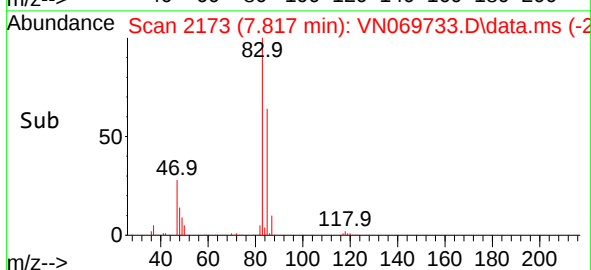
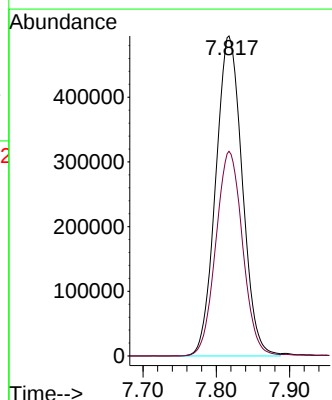
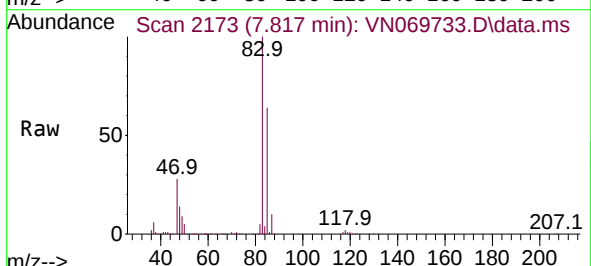
Acq: 3 Dec 2021 22:01

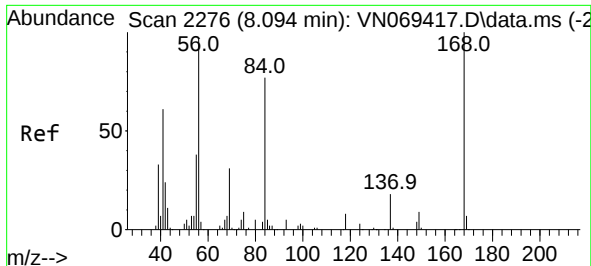
Tgt Ion: 83 Resp: 1245303

Ion Ratio Lower Upper

83 100

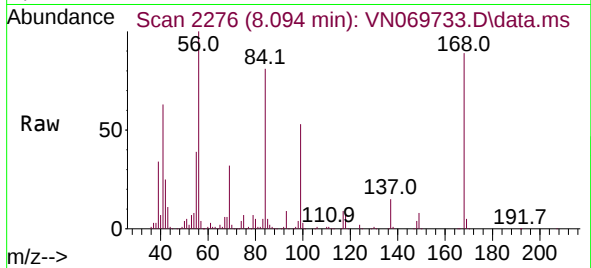
85 63.9 51.9 77.9





#31
Cyclohexane
Concen: 49.632 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

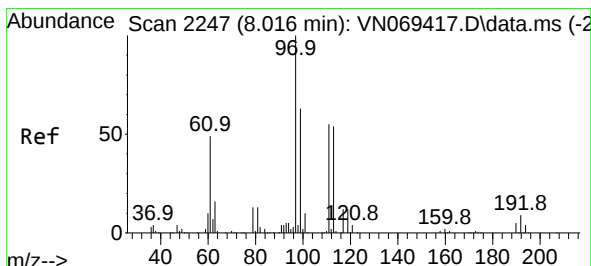
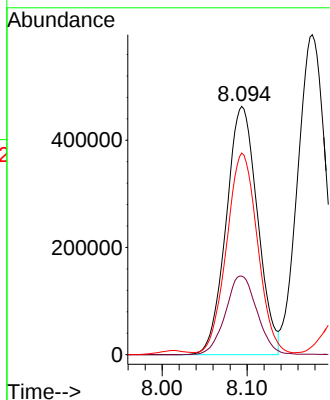
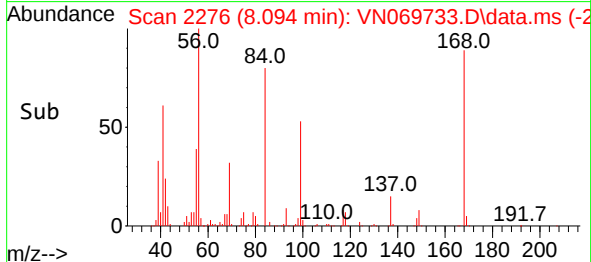
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 118883
Ion Ratio Lower Upper
56 100
69 31.6 27.1 40.7
84 79.6 73.4 110.0

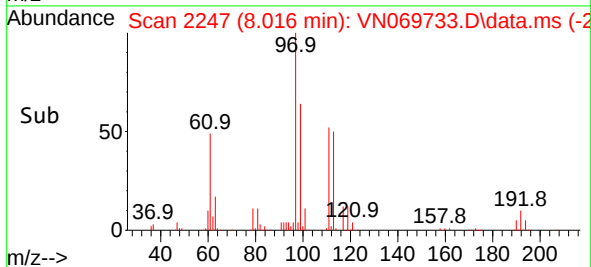
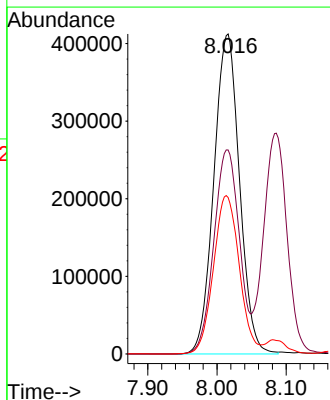
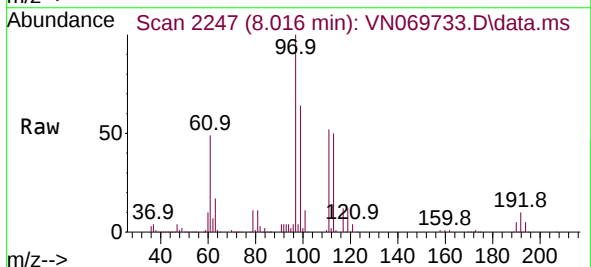
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APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#32
1,1,1-Trichloroethane
Concen: 50.917 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Tgt Ion: 97 Resp: 1061168
Ion Ratio Lower Upper
97 100
99 63.3 50.1 75.1
61 50.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 45.054 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 775468

Ion Ratio Lower Upper

65 100

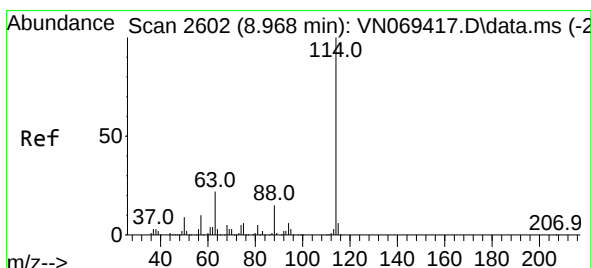
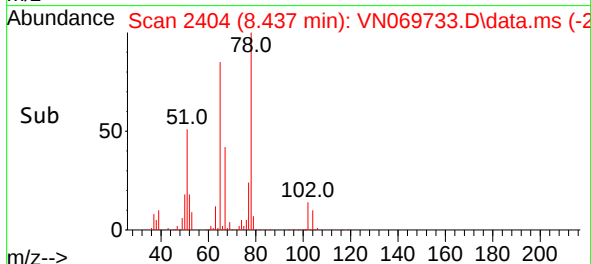
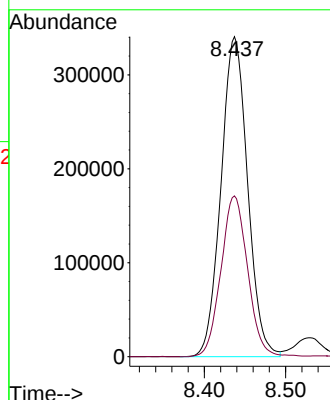
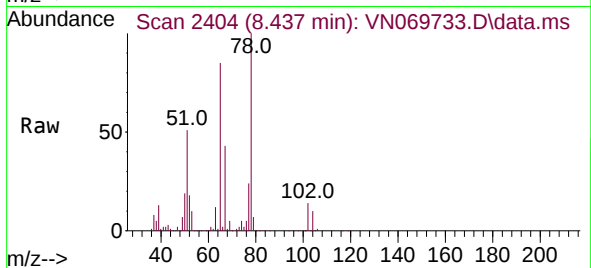
67 50.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

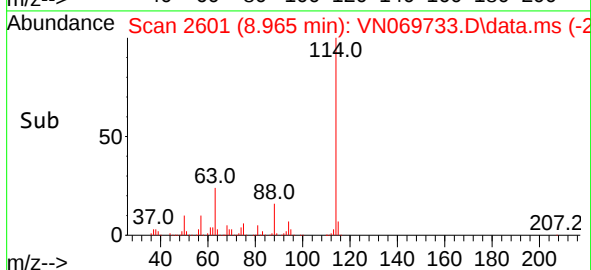
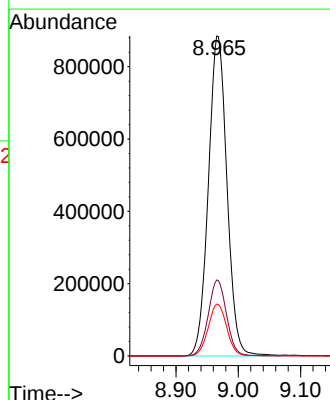
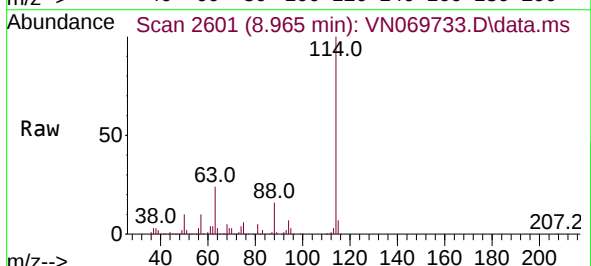
Tgt Ion:114 Resp: 1836698

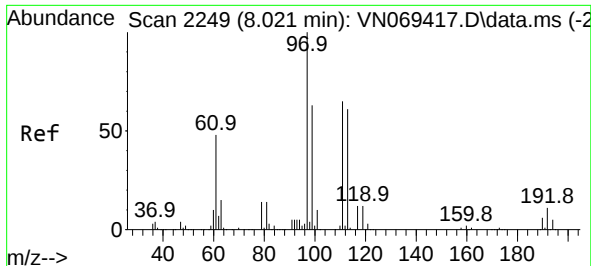
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

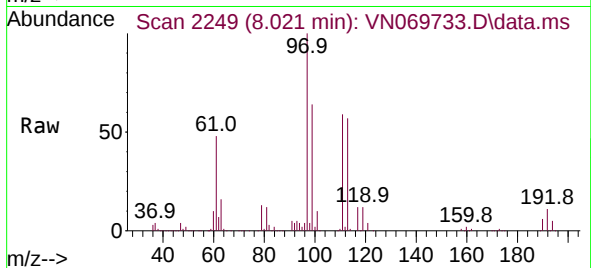
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.695 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

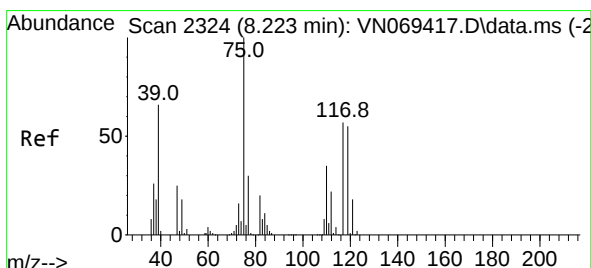
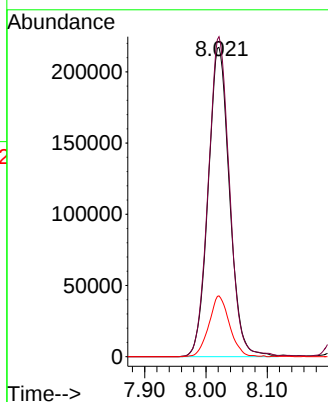
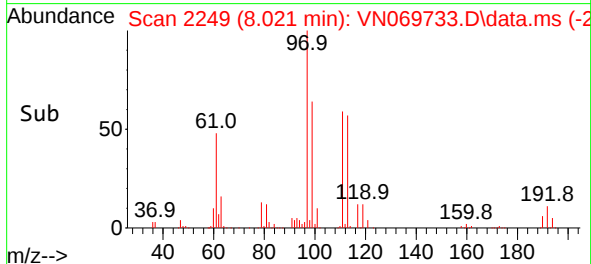
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 52570
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.0 16.9 25.3

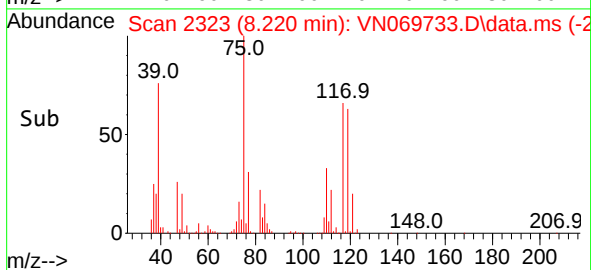
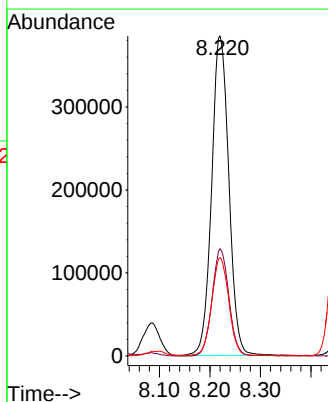
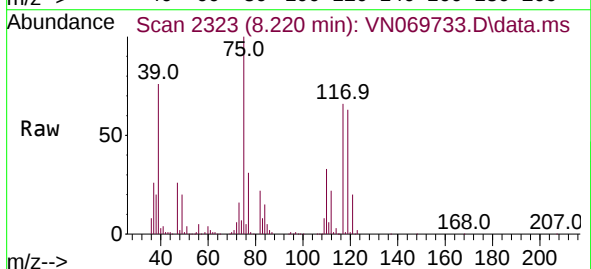
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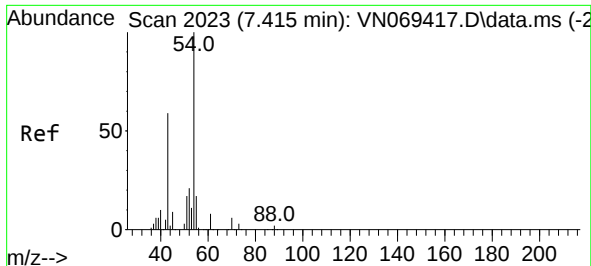
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 52.187 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Tgt Ion: 75 Resp: 912485
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 47.193 ug/l

RT: 7.412 min Scan# 2023

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 122815

Ion Ratio Lower Upper

43 100

61 12.4 11.5 17.3

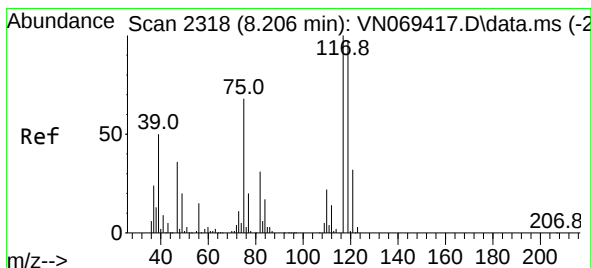
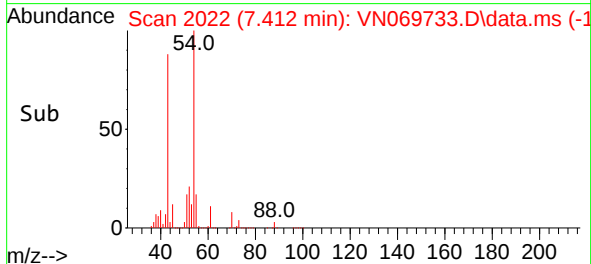
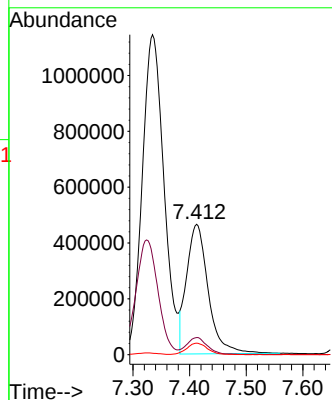
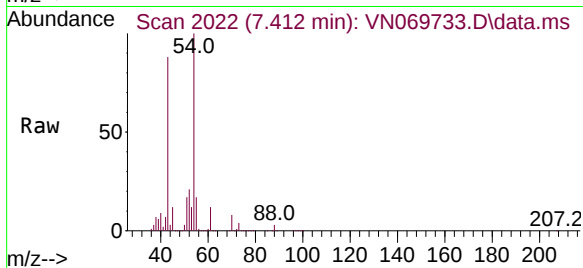
70 8.5 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#38

Carbon Tetrachloride

Concen: 52.701 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

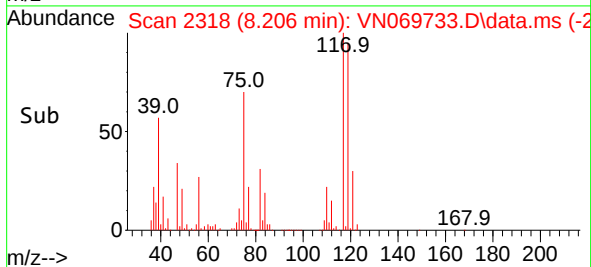
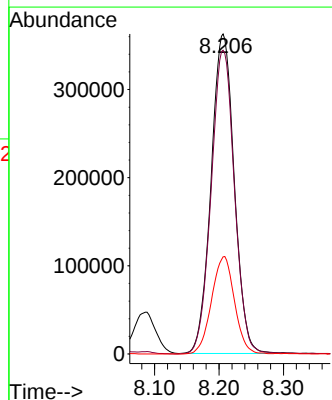
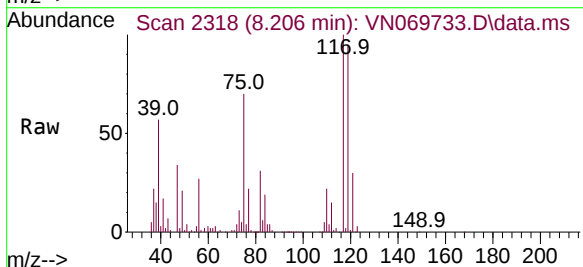
Tgt Ion:117 Resp: 903619

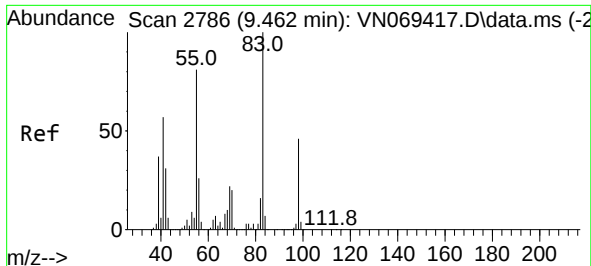
Ion Ratio Lower Upper

117 100

119 95.0 76.1 114.1

121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 52.501 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 1091900

Ion Ratio Lower Upper

83 100

55 84.1 58.1 87.1

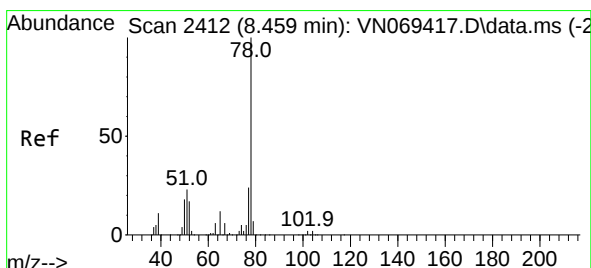
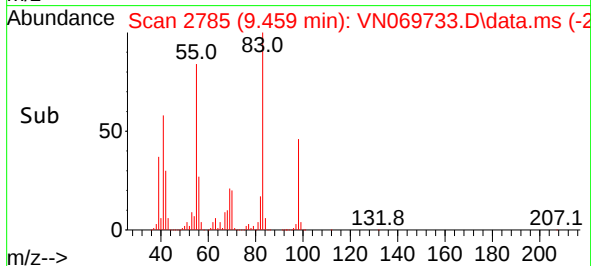
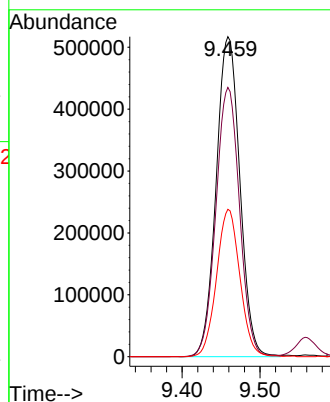
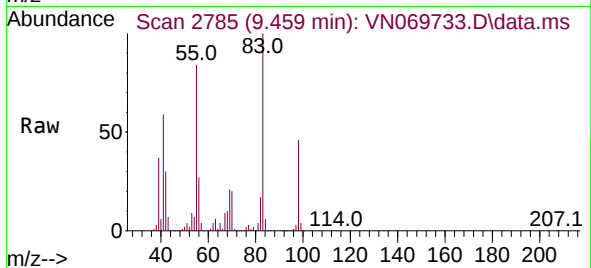
98 46.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 51.541 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN069733.D

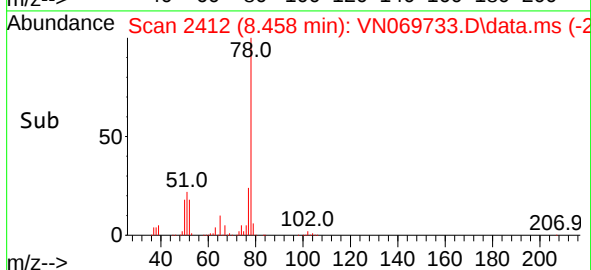
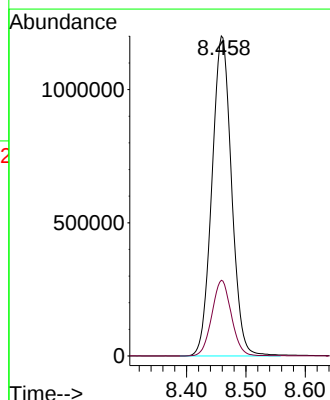
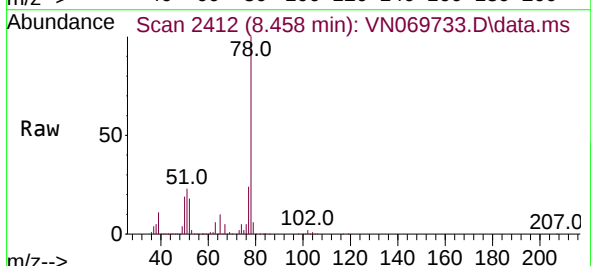
Acq: 3 Dec 2021 22:01

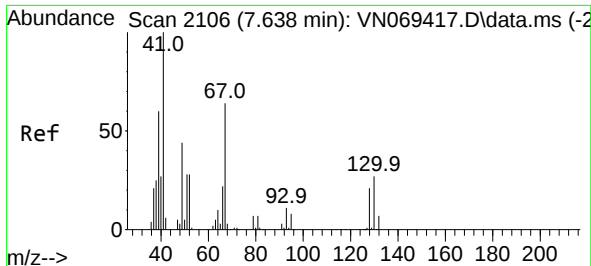
Tgt Ion: 78 Resp: 2754558

Ion Ratio Lower Upper

78 100

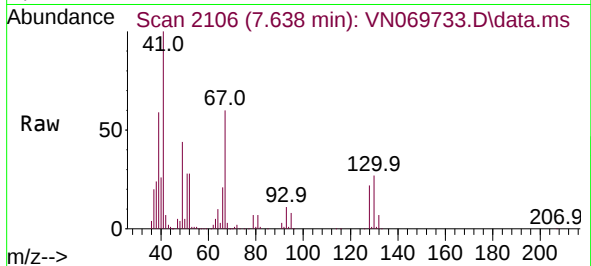
77 23.6 18.6 27.8





#41
Methacrylonitrile
Concen: 50.454 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

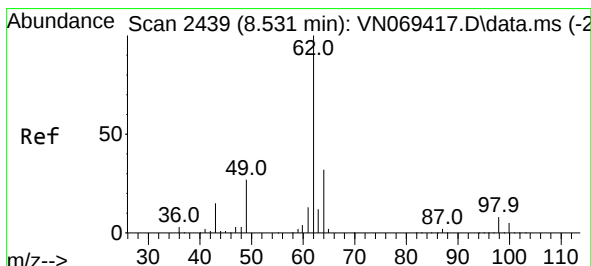
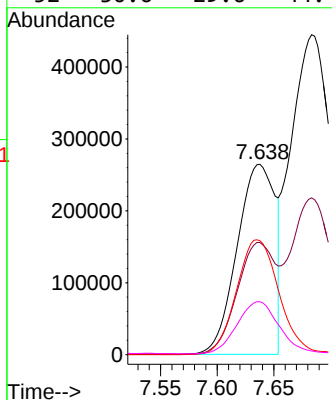
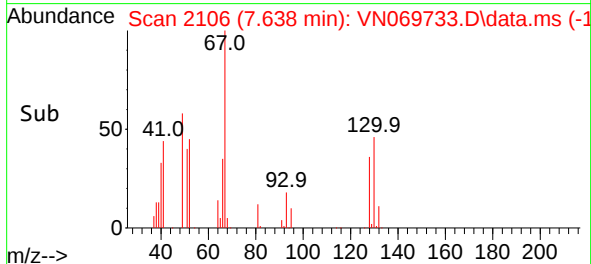
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 61636
Ion Ratio Lower Upper
41 100
39 58.1 48.1 72.1
67 68.6 68.3 102.5
52 30.6 29.6 44.4

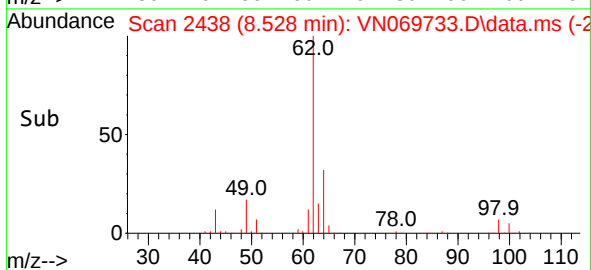
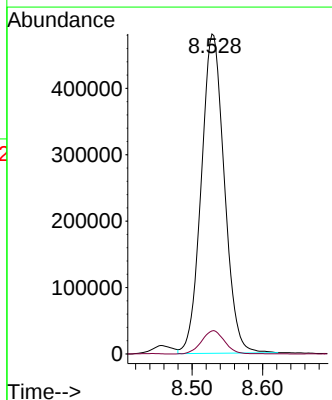
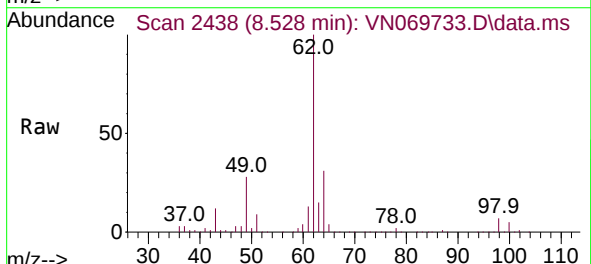
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 50.589 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Tgt Ion: 62 Resp: 1091424
Ion Ratio Lower Upper
62 100
98 7.3 0.0 17.6





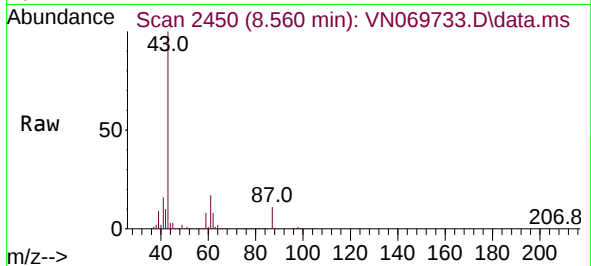
#43
Isopropyl Acetate
Concen: 49.435 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



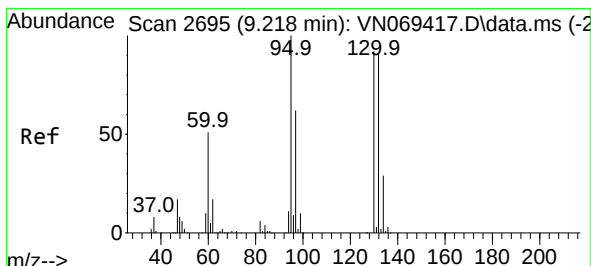
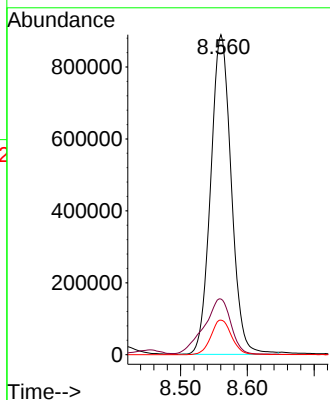
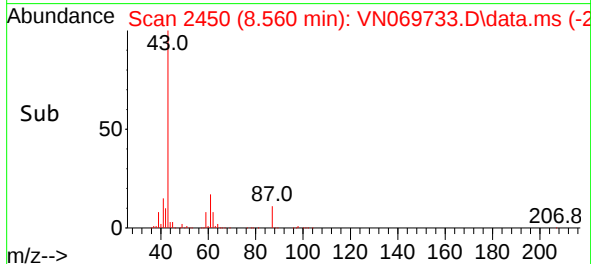
Tgt Ion: 43 Resp: 1903790
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 10.9 11.2 16.8

Manual Integrations

APPROVED

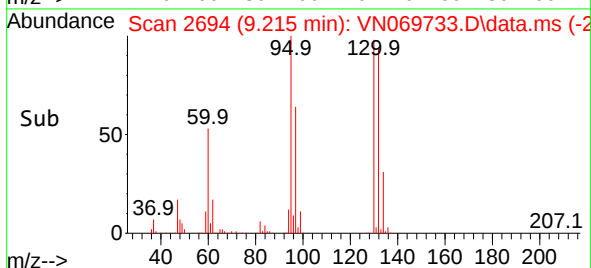
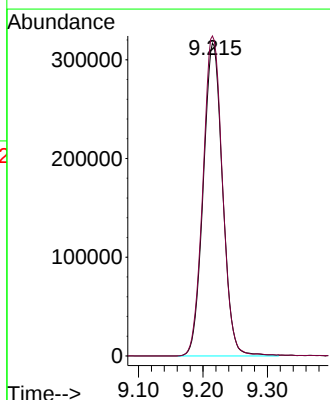
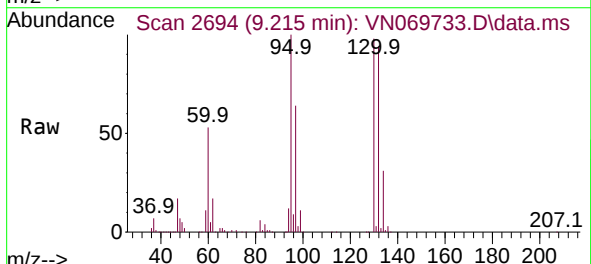
Reviewed By :John Carlone 12/04/2021

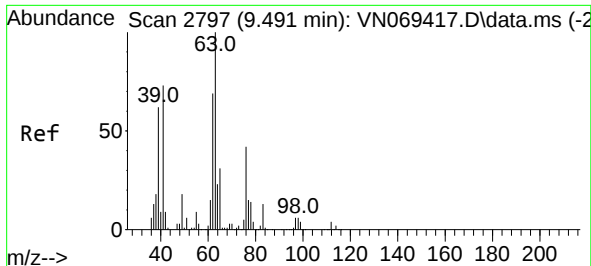
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 51.691 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Tgt Ion:130 Resp: 659367
Ion Ratio Lower Upper
130 100
95 102.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.211 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 749319

Ion Ratio Lower Upper

63 100

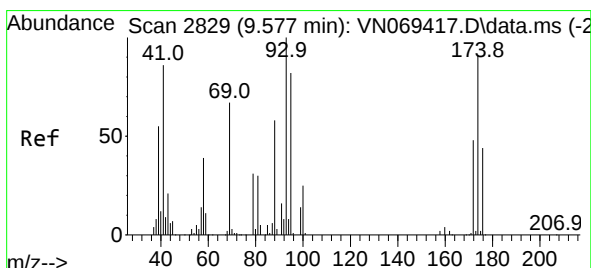
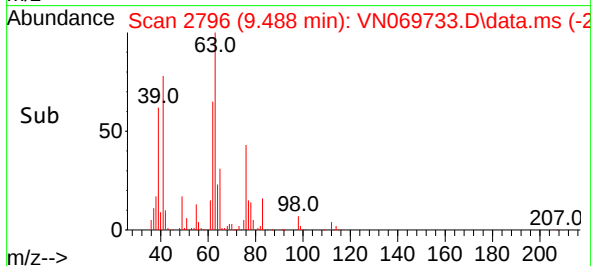
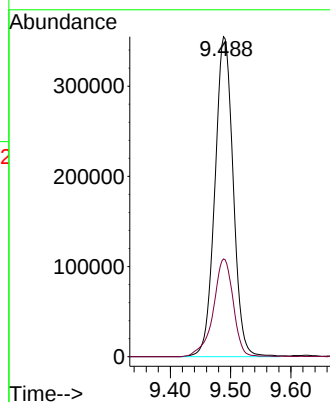
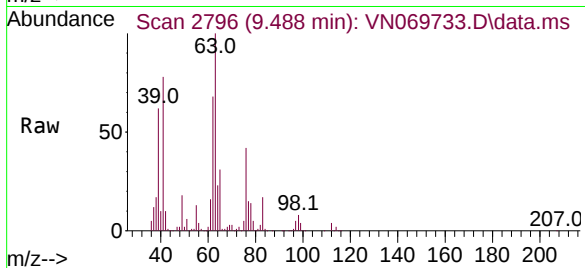
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 51.357 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

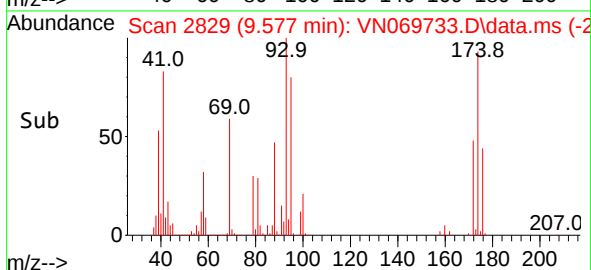
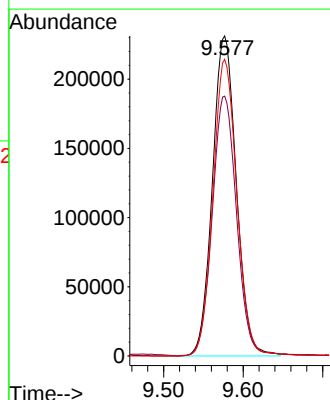
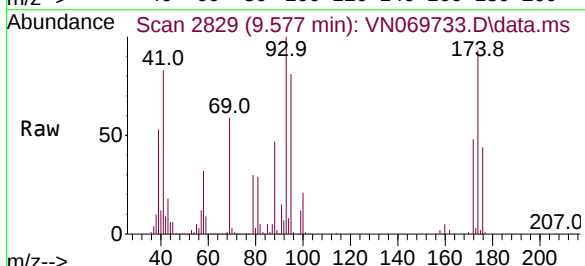
Tgt Ion: 93 Resp: 483389

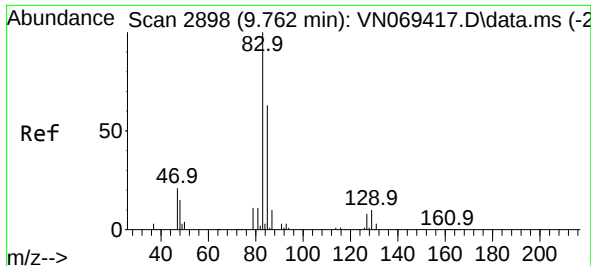
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

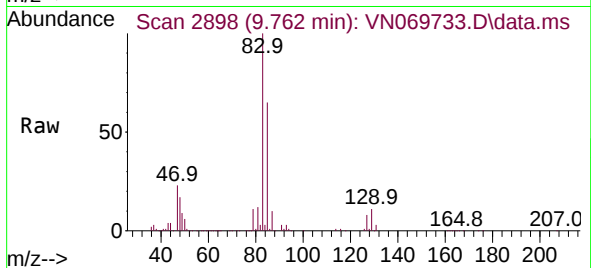
174 92.7 84.6 127.0





#47
Bromodichloromethane
Concen: 53.060 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

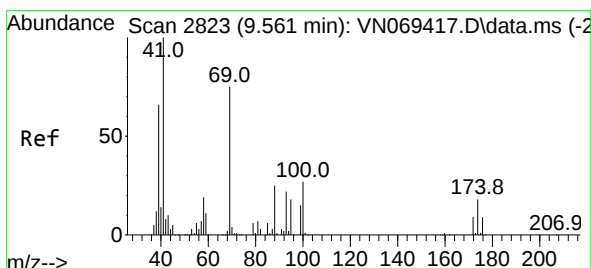
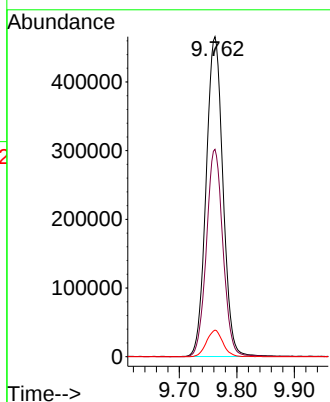
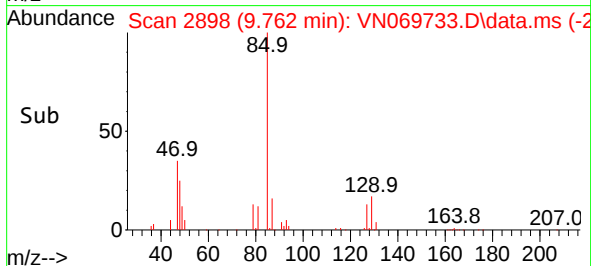
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 945580
Ion Ratio Lower Upper
83 100
85 64.8 50.9 76.3
127 8.3 7.1 10.7

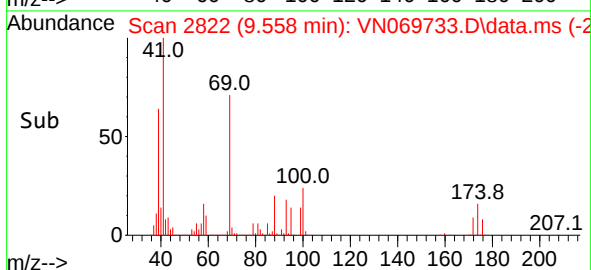
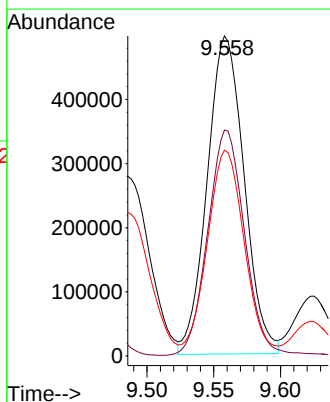
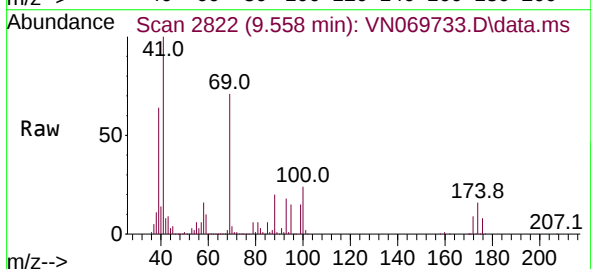
Manual Integrations
APPROVED

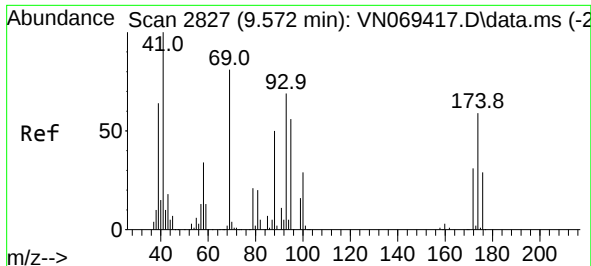
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 53.138 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Tgt Ion: 41 Resp: 955010
Ion Ratio Lower Upper
41 100
69 71.2 72.4 108.6
39 59.3 58.4 87.6





#49

1,4-Dioxane

Concen: 869.449 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 28037

Ion Ratio Lower Upper

88 100

43 35.8 23.4 35.2

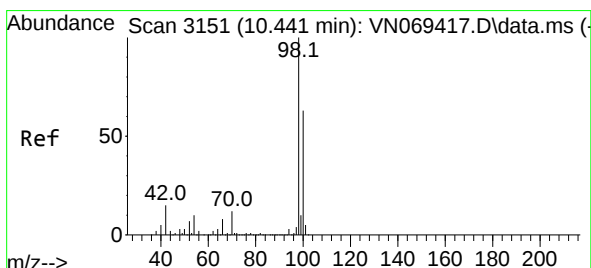
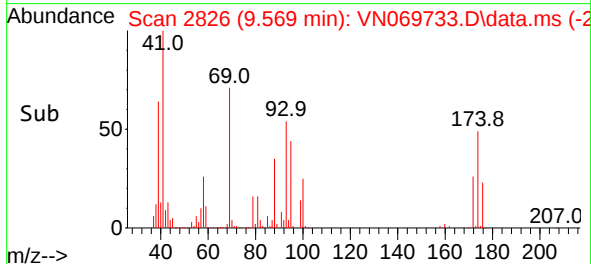
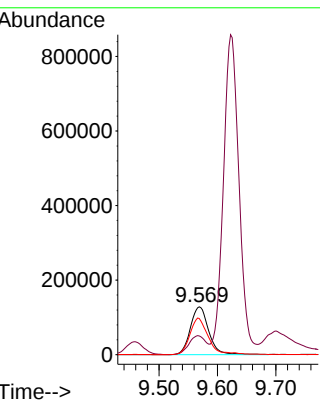
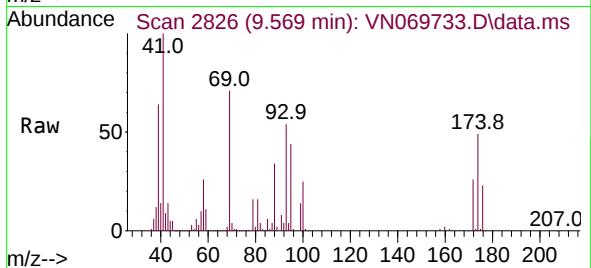
58 75.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#50

Toluene-d8

Concen: 45.340 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069733.D

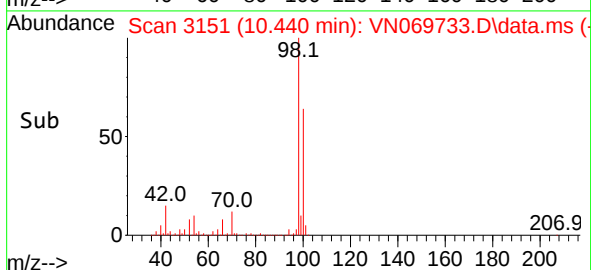
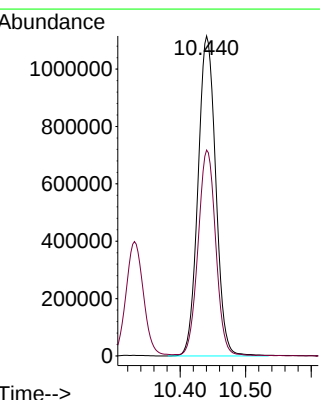
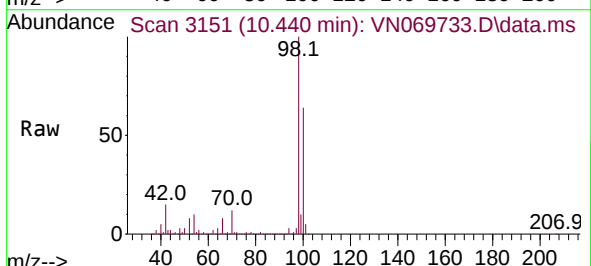
Acq: 3 Dec 2021 22:01

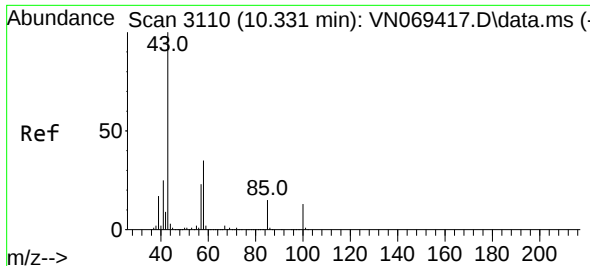
Tgt Ion: 98 Resp: 2094483

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6





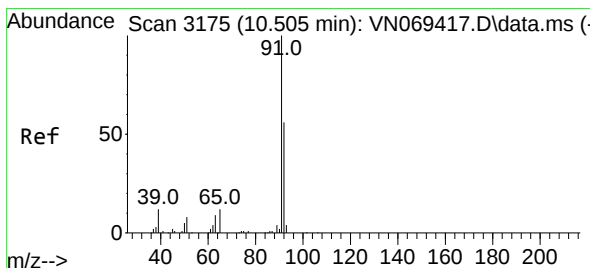
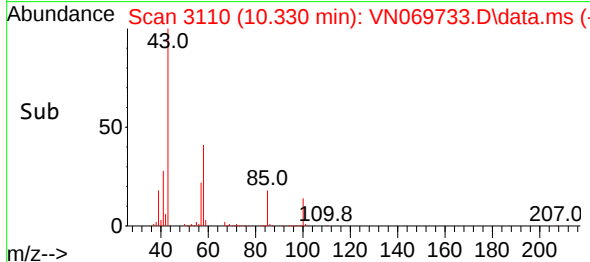
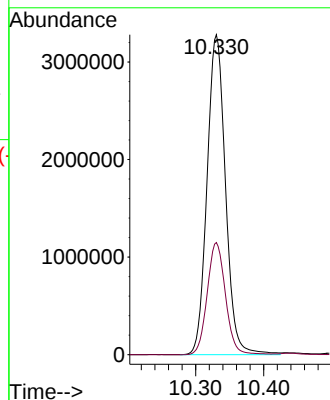
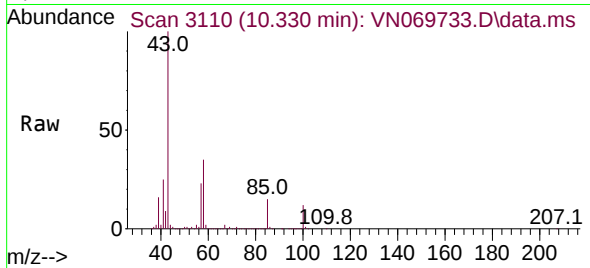
#51
4-Methyl-2-Pentanone
Concen: 247.432 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 618164
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

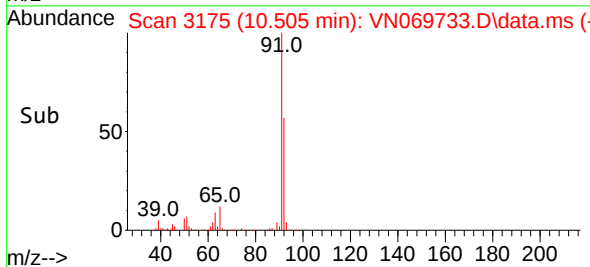
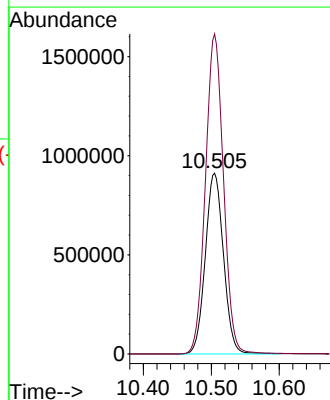
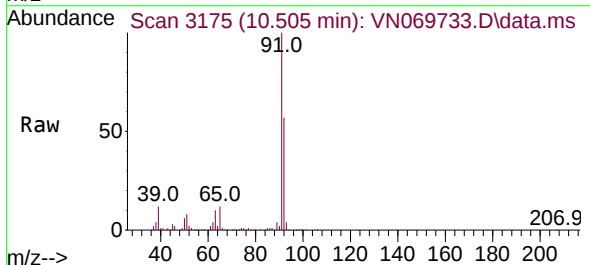
Manual Integrations
APPROVED

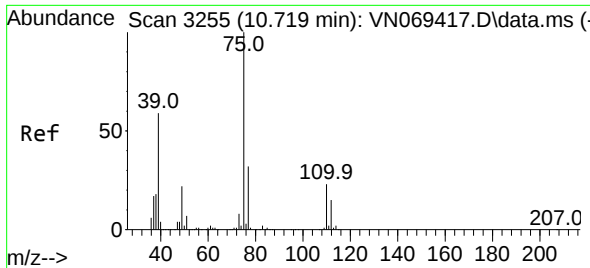
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 51.942 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

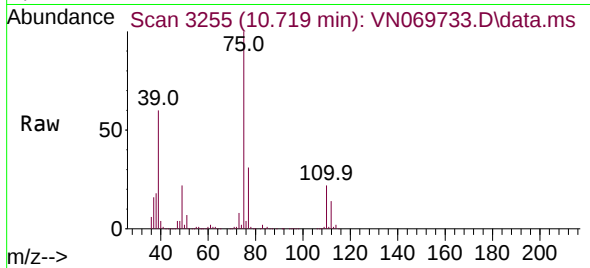
Tgt Ion: 92 Resp: 1694796
Ion Ratio Lower Upper
92 100
91 176.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.195 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

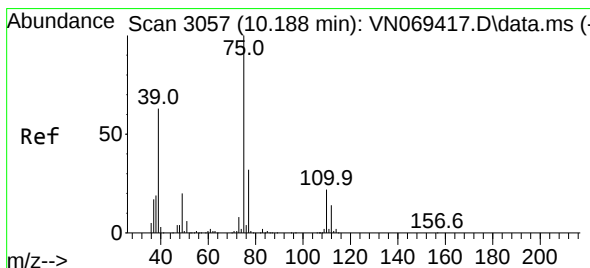
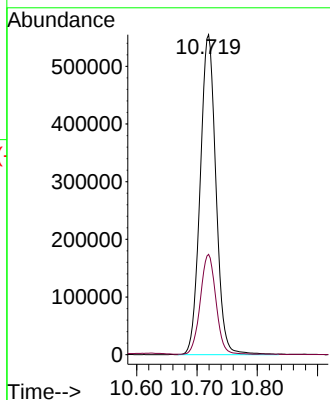
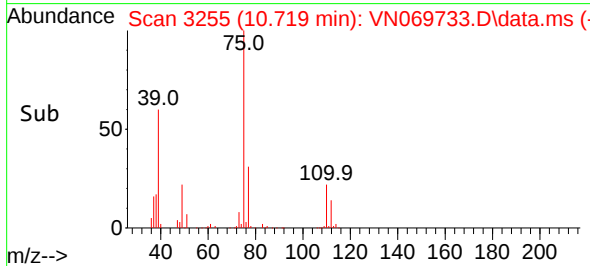
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



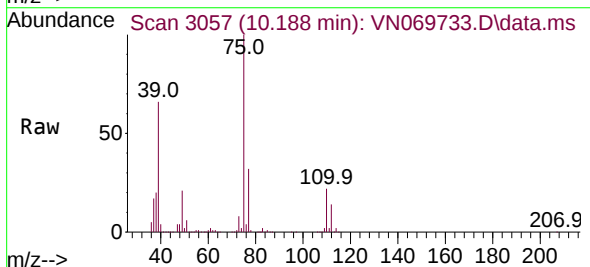
Tgt Ion: 75 Resp: 1008160
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

Manual Integrations
APPROVED

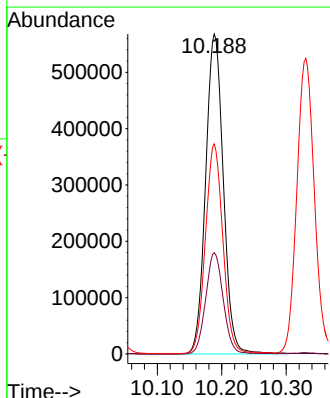
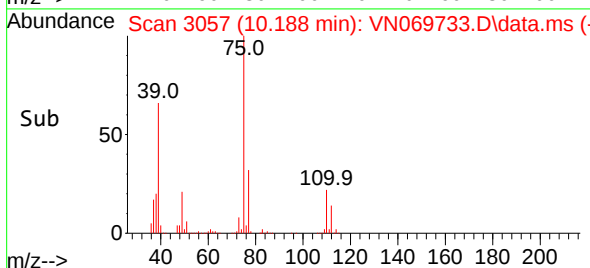
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

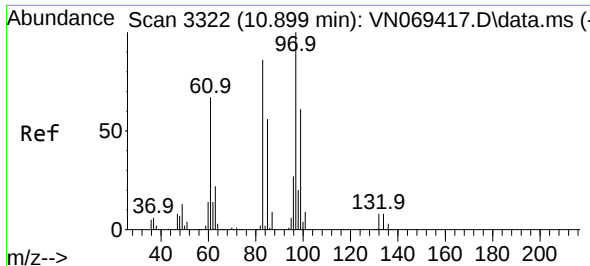


#54
cis-1,3-Dichloropropene
Concen: 48.266 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



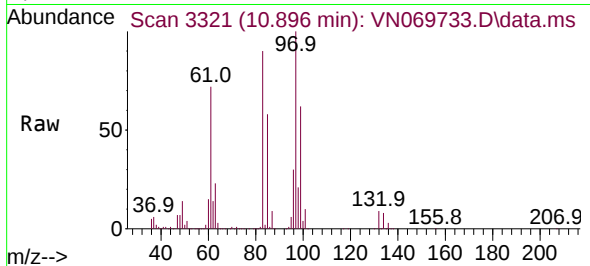
Tgt Ion: 75 Resp: 1084266
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6
39 65.5 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 50.775 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

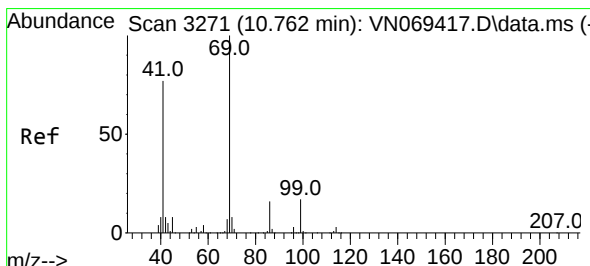
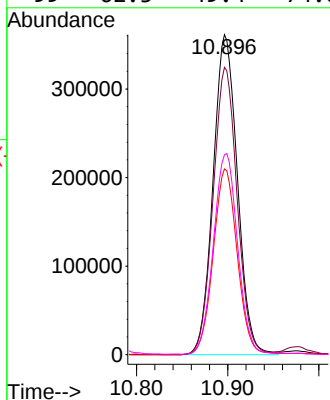
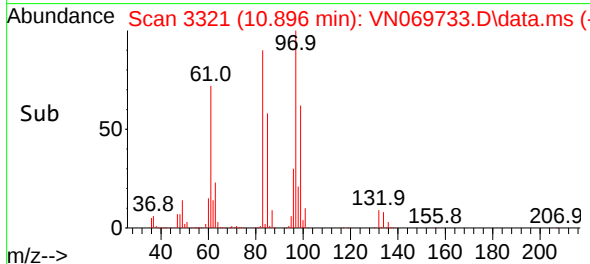
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



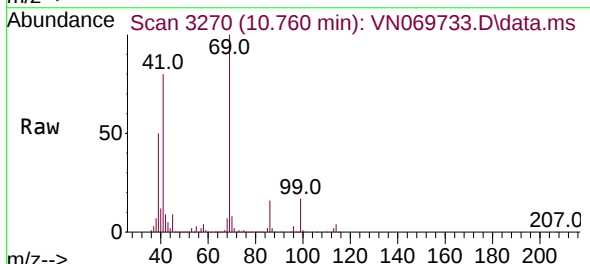
Tgt Ion: 97 Resp: 66845
Ion Ratio Lower Upper
97 100
83 89.8 67.8 101.6
85 58.0 45.4 68.2
99 62.3 49.4 74.0

Manual Integrations
APPROVED

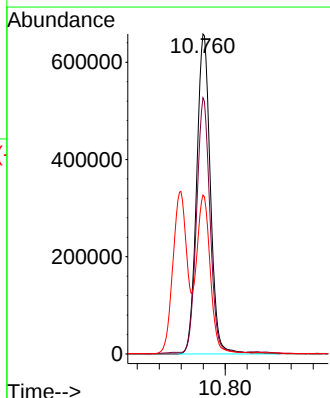
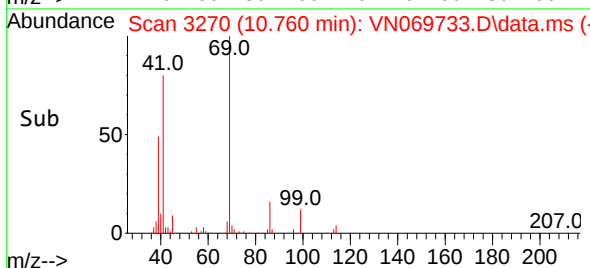
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#56
Ethyl methacrylate
Concen: 46.172 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



Tgt Ion: 69 Resp: 1142390
Ion Ratio Lower Upper
69 100
41 79.5 51.4 77.0#
39 48.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.153 ug/l

RT: 11.044 min Scan# 3376

Delta R.T. -0.003 min

Lab File: VN069733.D

Acq: 3 Dec 2021 22:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 118576

Ion Ratio Lower Upper

76 100

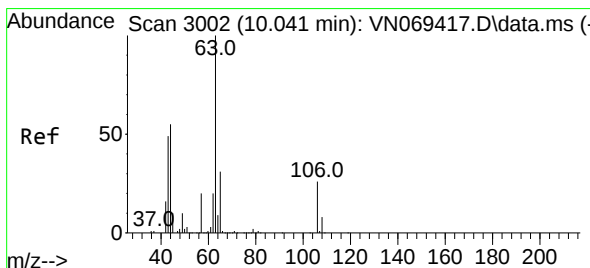
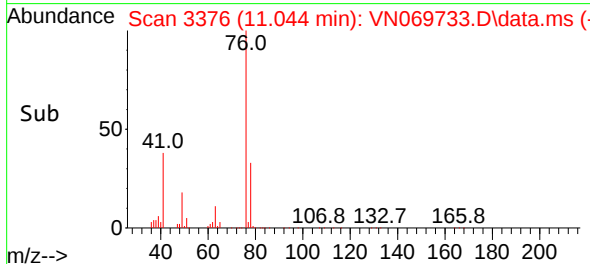
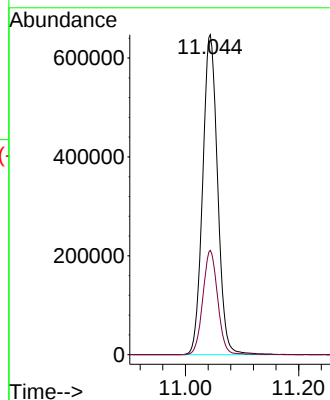
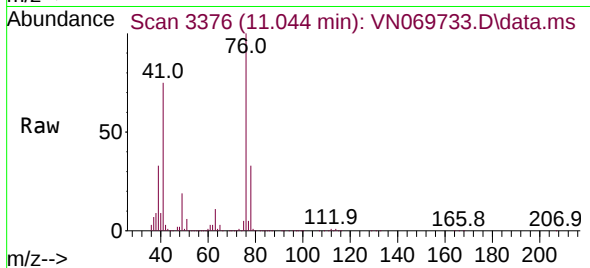
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 207.253 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069733.D

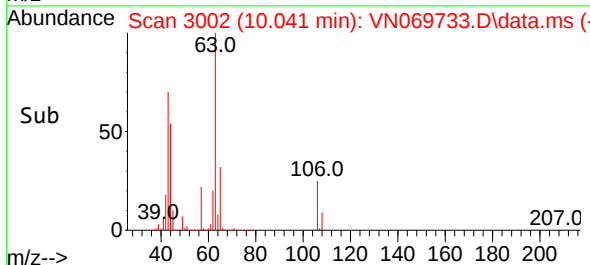
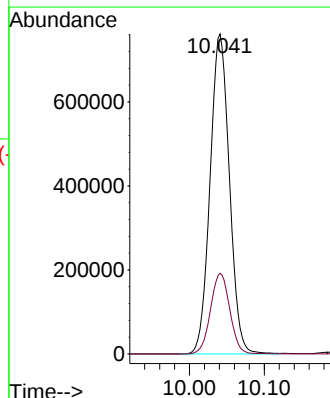
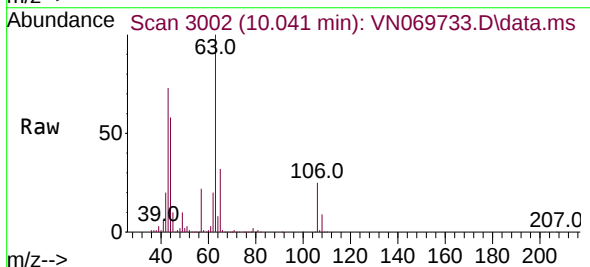
Acq: 3 Dec 2021 22:01

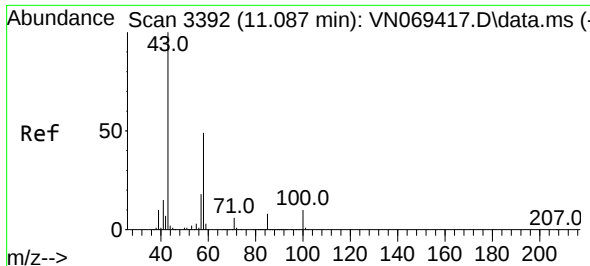
Tgt Ion: 63 Resp: 1367495

Ion Ratio Lower Upper

63 100

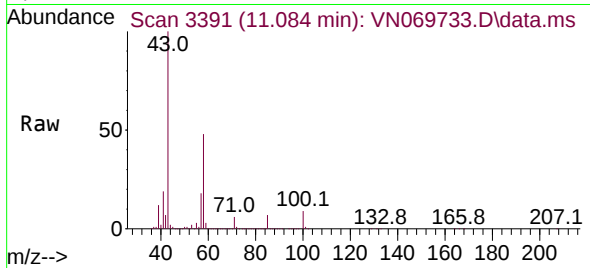
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 231.922 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

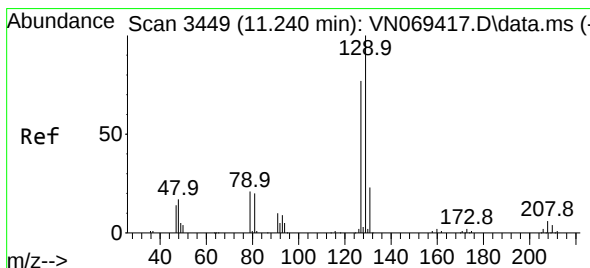
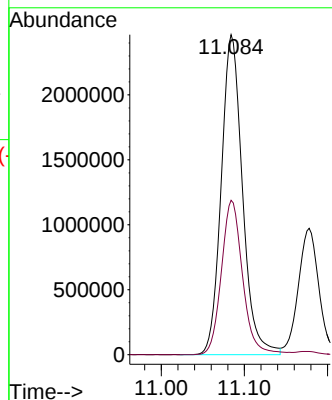
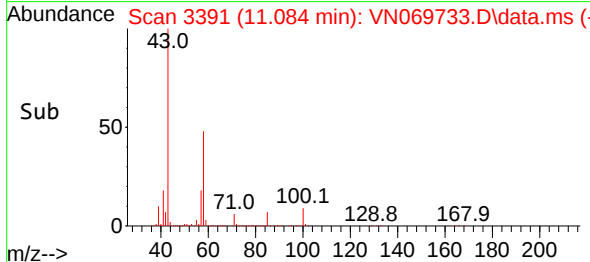
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 4383098
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7

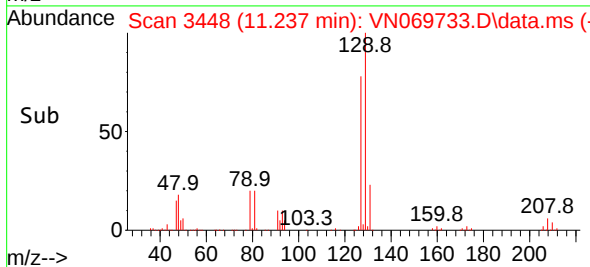
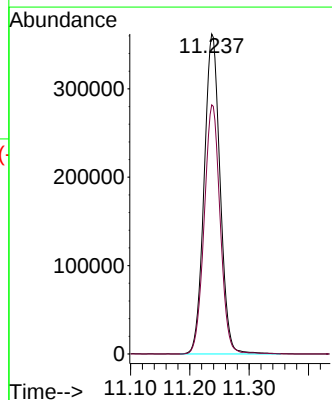
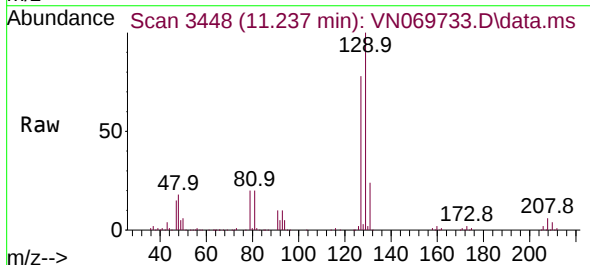
Manual Integrations
APPROVED

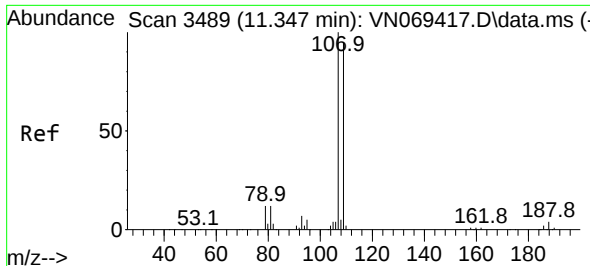
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 47.905 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

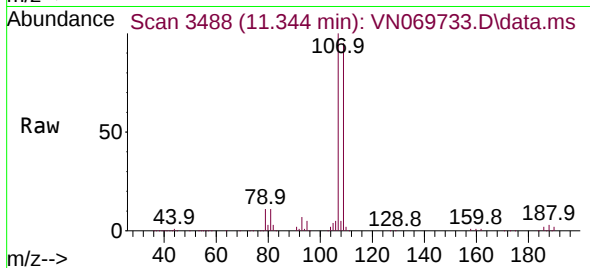
Tgt Ion:129 Resp: 674266
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.414 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

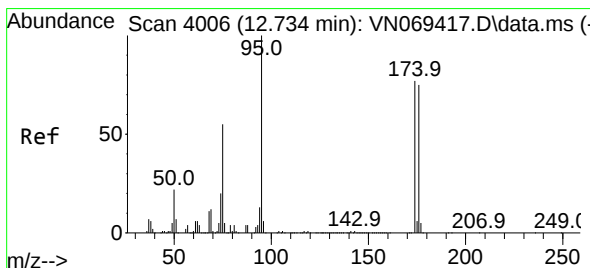
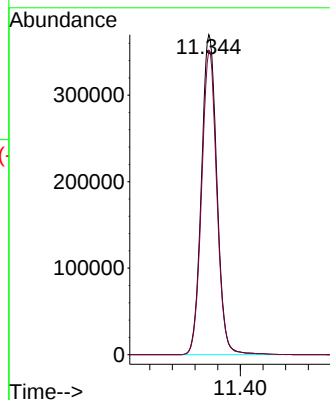
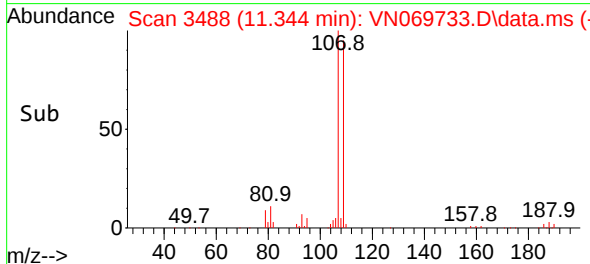
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 701070
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

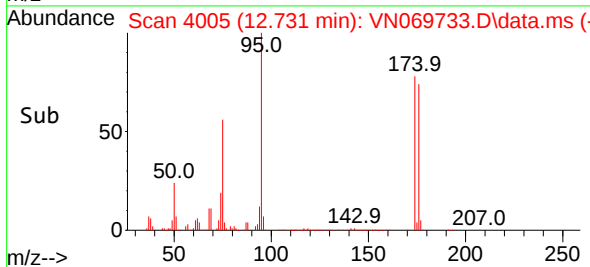
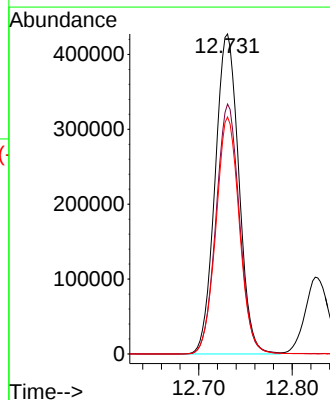
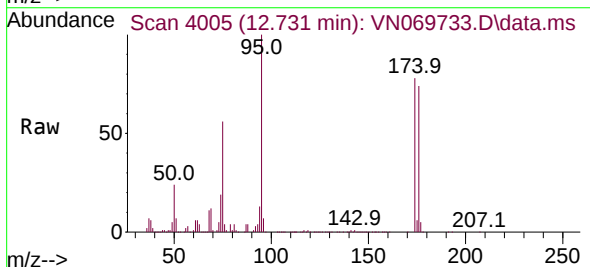
Manual Integrations
APPROVED

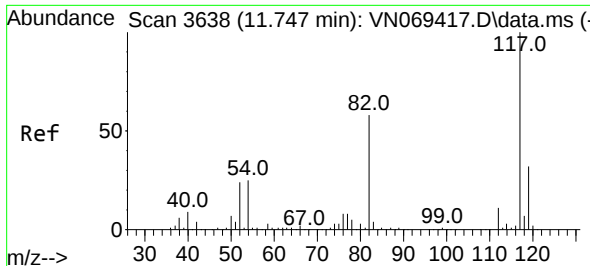
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 45.058 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

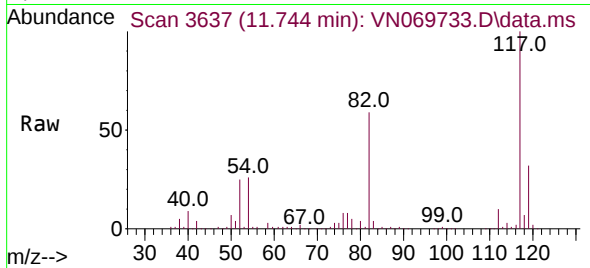
Tgt Ion: 95 Resp: 754074
Ion Ratio Lower Upper
95 100
174 77.2 0.0 187.2
176 73.3 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

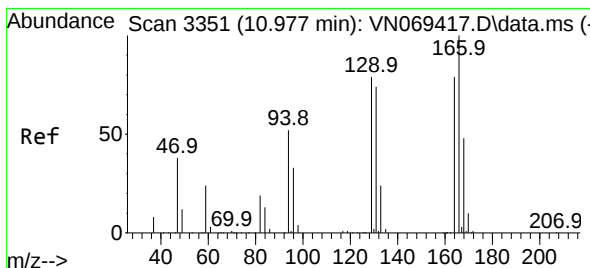
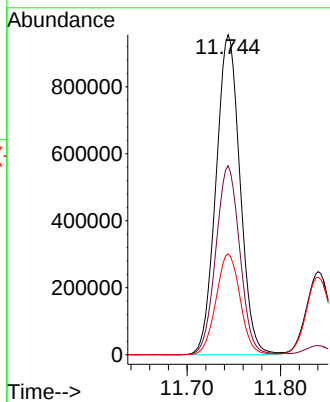
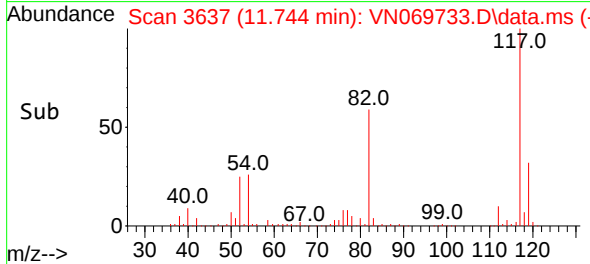
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 1706248
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 31.6 25.4 38.2

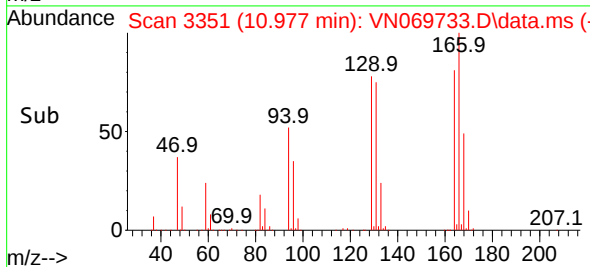
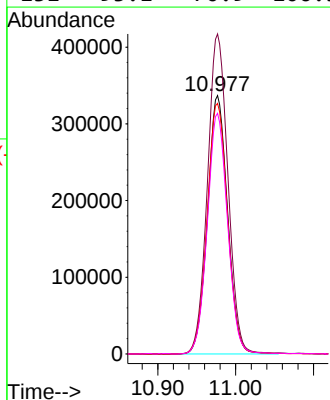
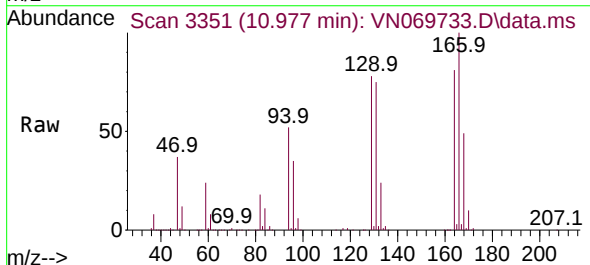
Manual Integrations
APPROVED

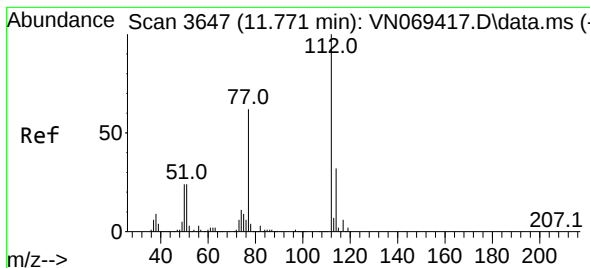
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#64
Tetrachloroethene
Concen: 52.350 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

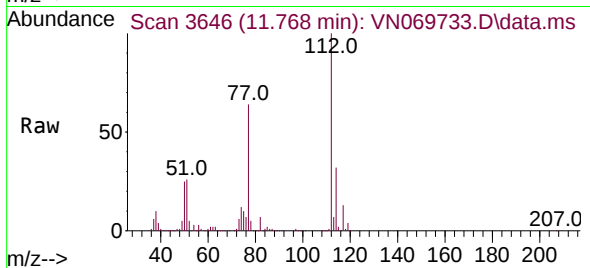
Tgt Ion:164 Resp: 605660
Ion Ratio Lower Upper
164 100
166 123.8 101.9 152.9
129 96.9 72.0 108.0
131 93.1 70.9 106.3





#65
Chlorobenzene
Concen: 51.379 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

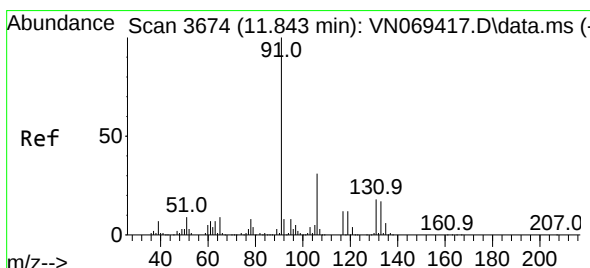
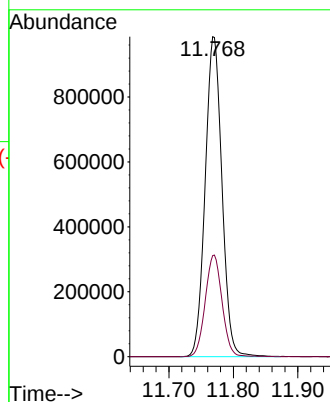
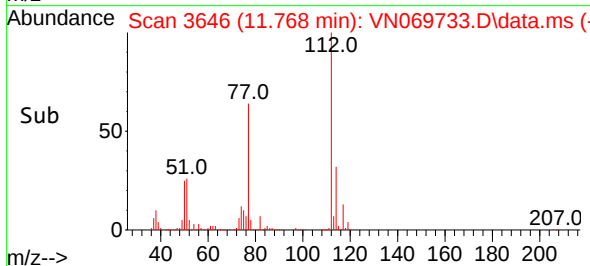
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 1778460
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

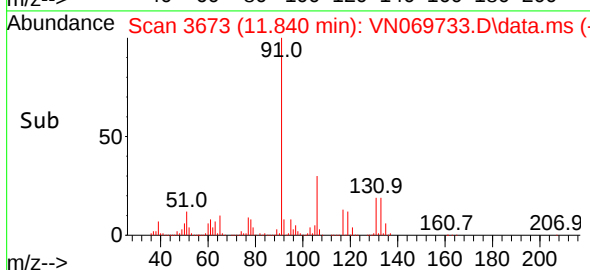
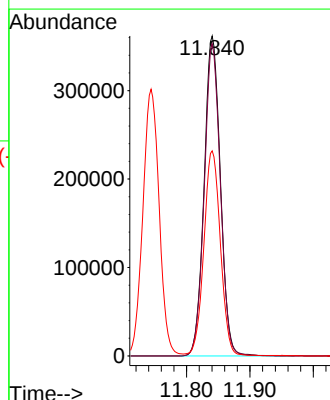
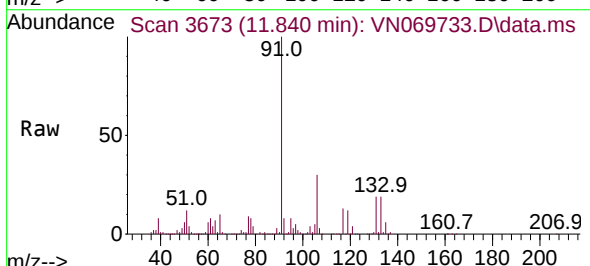
Manual Integrations
APPROVED

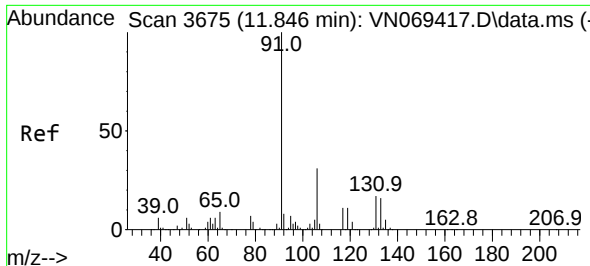
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.942 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

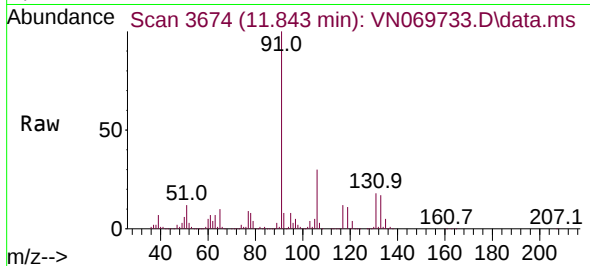
Tgt Ion:131 Resp: 645007
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.7
119 64.7 32.1 96.5





#67
Ethyl Benzene
Concen: 53.291 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

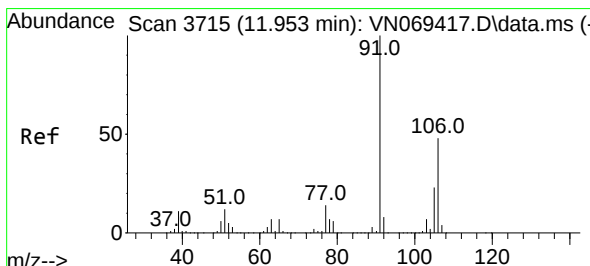
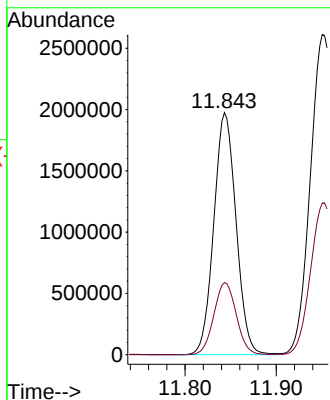
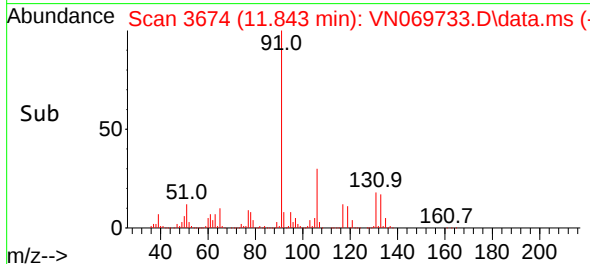
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 335079
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

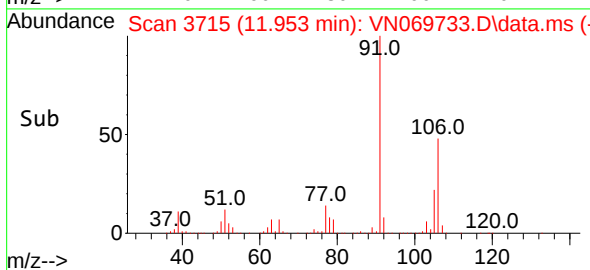
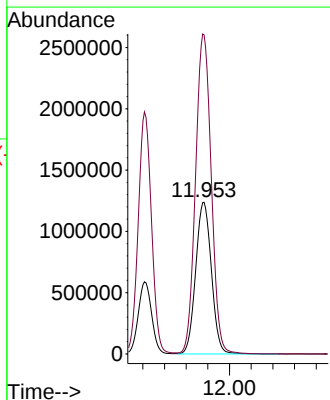
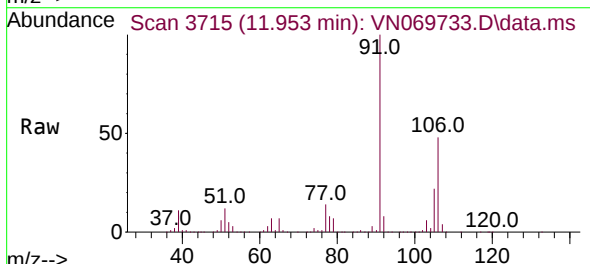
Manual Integrations
APPROVED

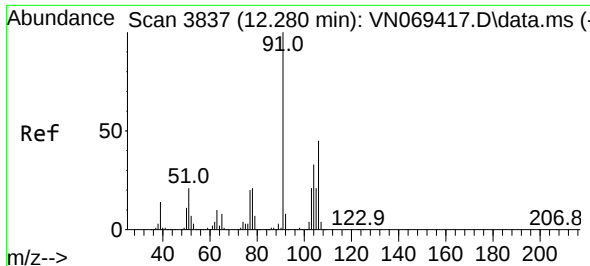
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 108.422 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

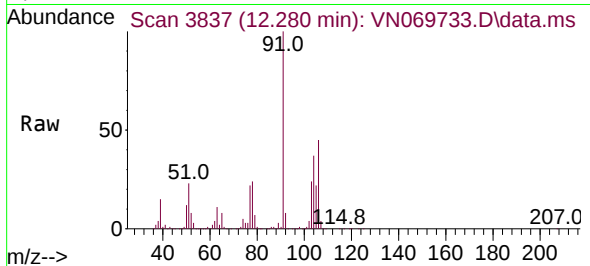
Tgt Ion:106 Resp: 2482204
Ion Ratio Lower Upper
106 100
91 211.6 160.6 240.8





#69
o-Xylene
Concen: 53.323 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

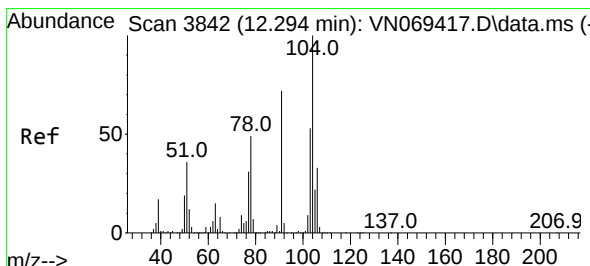
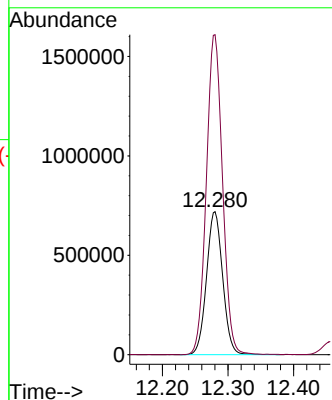
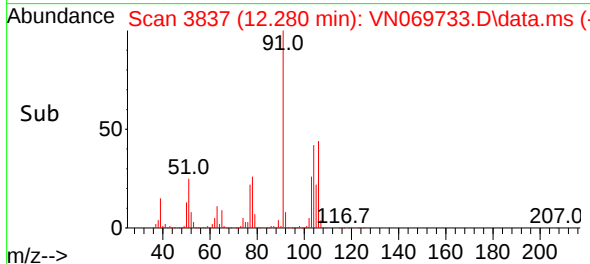
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



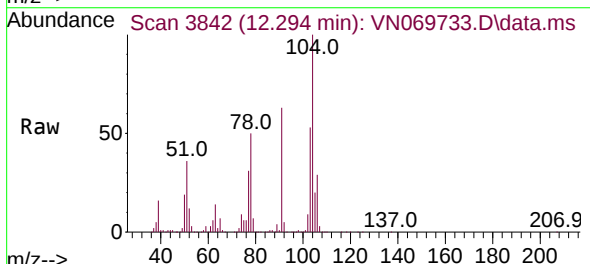
Tgt Ion:106 Resp: 122965
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3

Manual Integrations
APPROVED

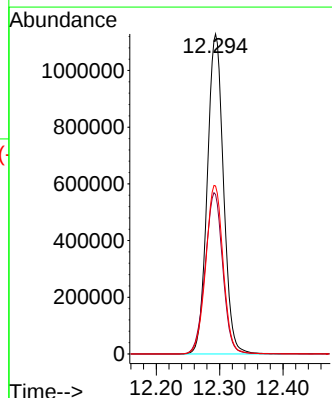
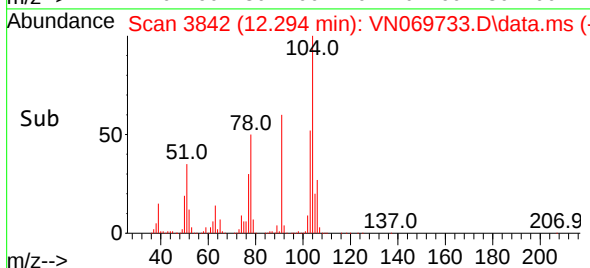
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

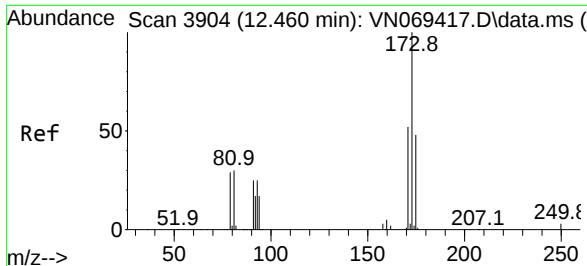


#70
Styrene
Concen: 54.864 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



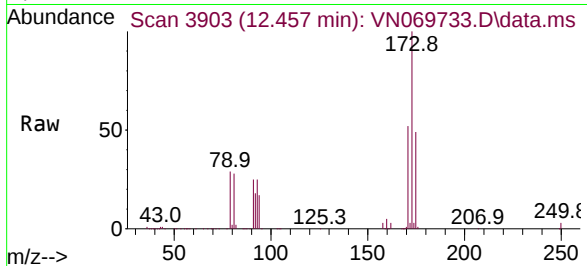
Tgt Ion:104 Resp: 2006195
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 56.4 45.0 67.6





#71
Bromoform
Concen: 46.686 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

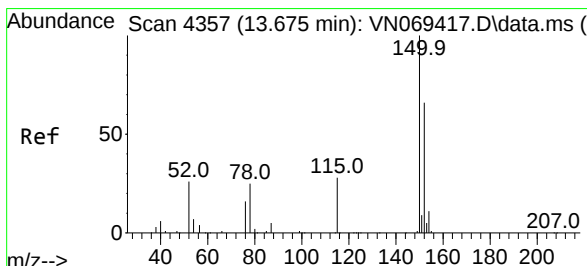
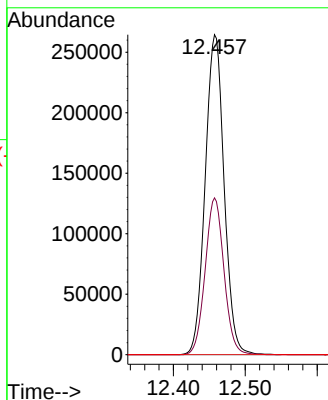
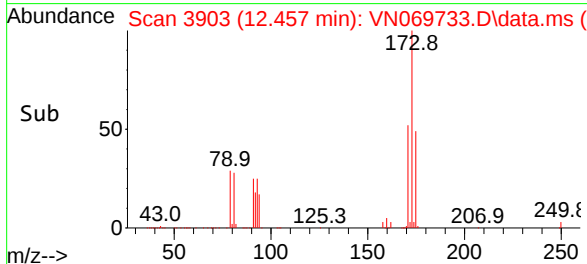
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



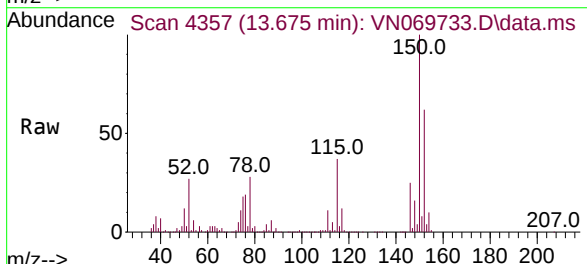
Tgt Ion:173 Resp: 484492
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

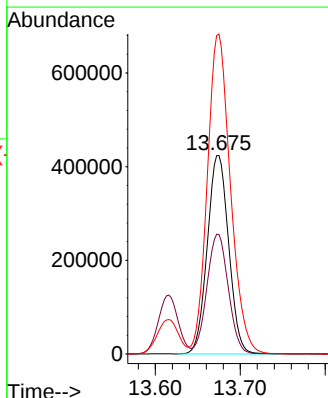
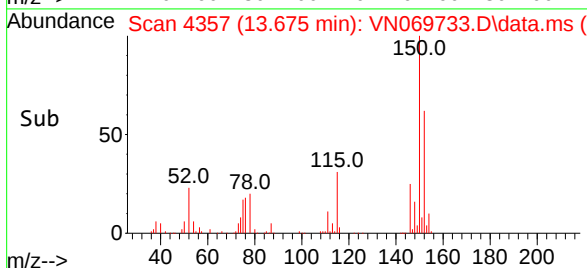
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

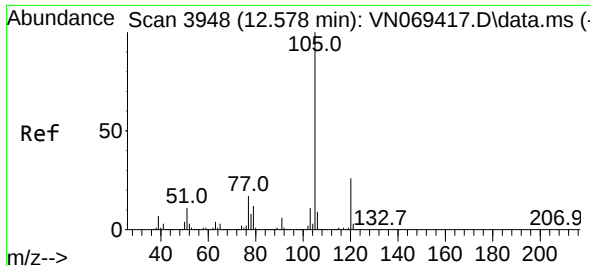


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



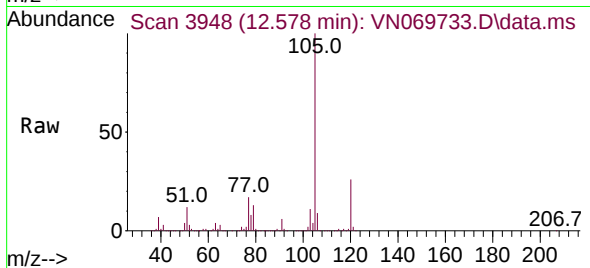
Tgt Ion:152 Resp: 741542
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 174.0 0.0 344.4





#73
Isopropylbenzene
Concen: 49.002 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

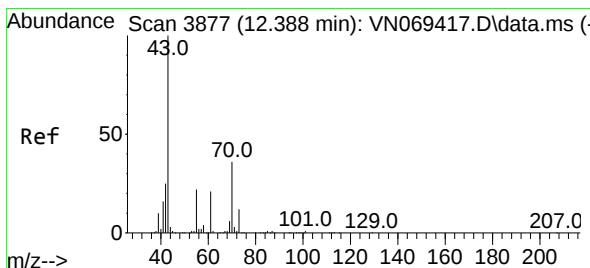
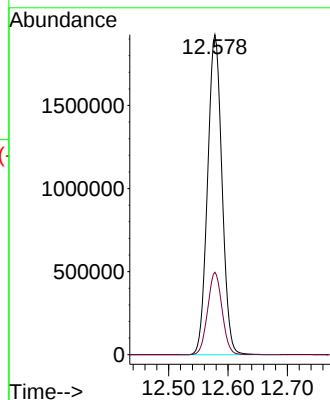
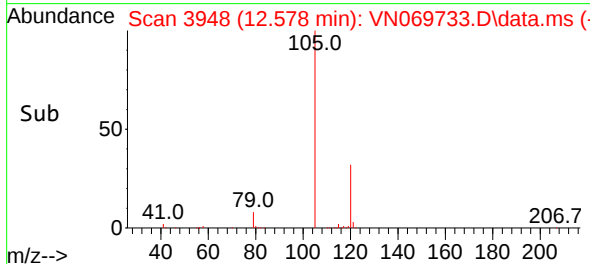
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



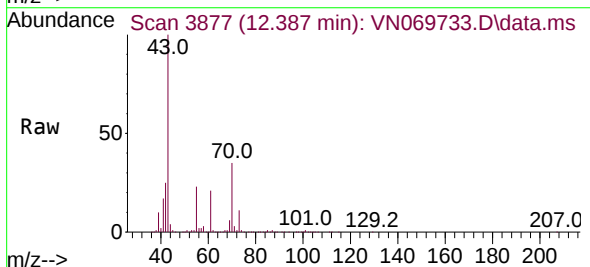
Tgt Ion:105 Resp: 3233000
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

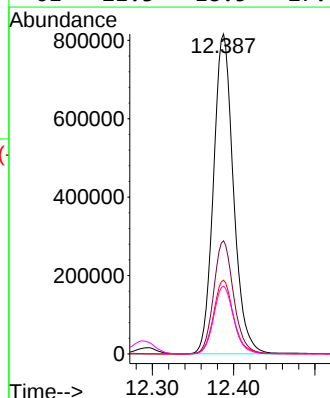
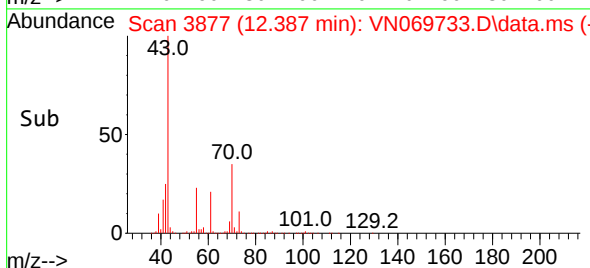
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

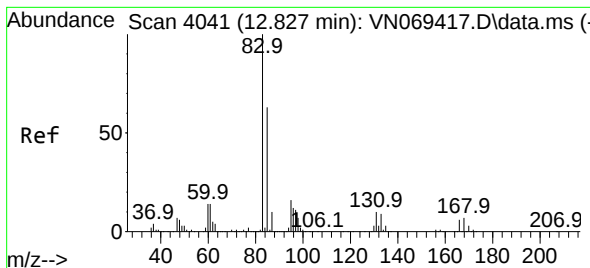


#74
N-ethyl acetate
Concen: 47.556 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



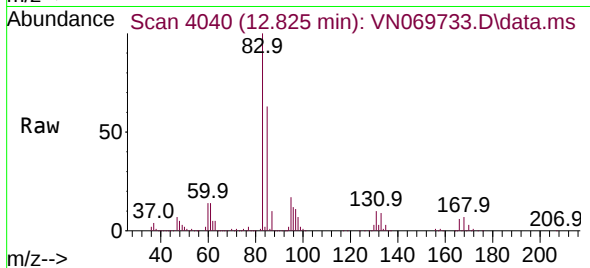
Tgt Ion: 43 Resp: 1387558
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 23.1 19.3 28.9
61 21.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.653 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

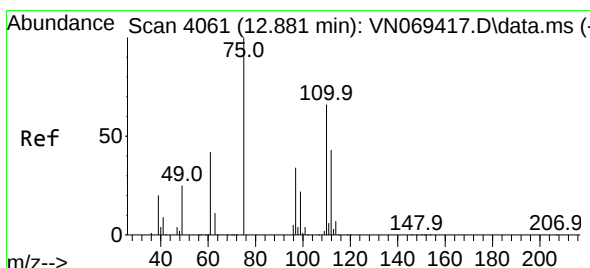
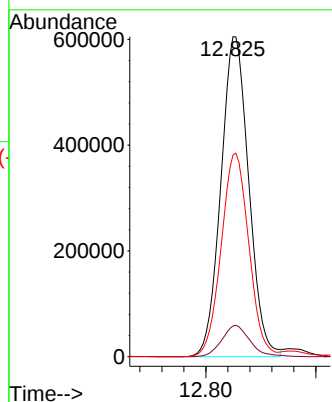
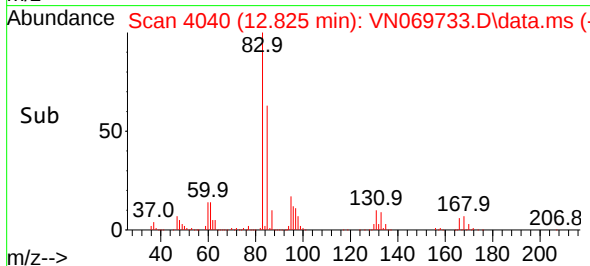
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



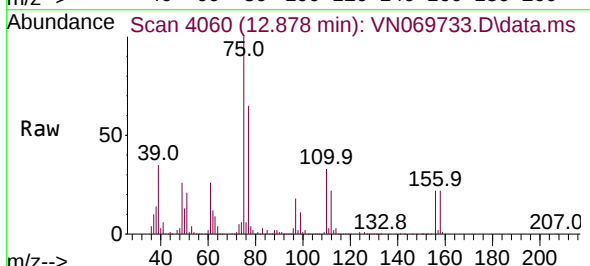
Tgt Ion: 83 Resp: 1064370
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.1 32.4 97.2

Manual Integrations
APPROVED

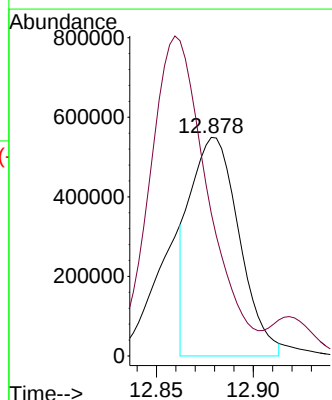
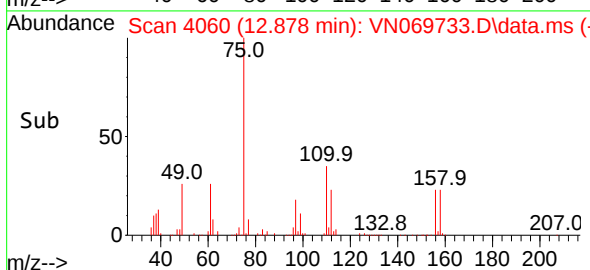
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

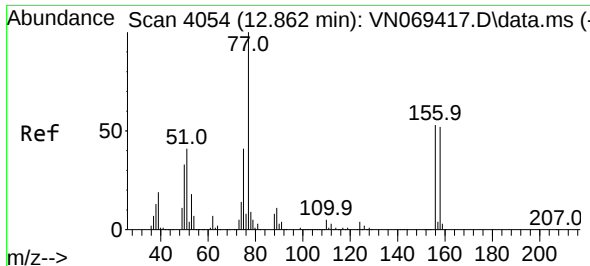


#76
1,2,3-Trichloropropane
Concen: 45.181 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



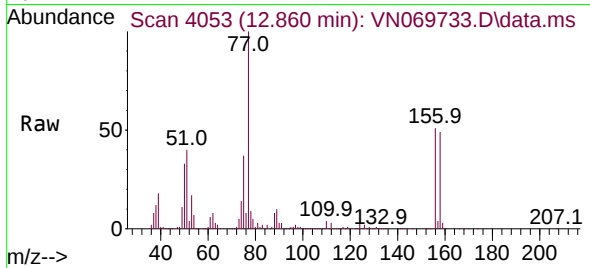
Tgt Ion: 75 Resp: 960796
Ion Ratio Lower Upper
75 100
77 174.0 82.6 247.8





#77
Bromobenzene
Concen: 47.921 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

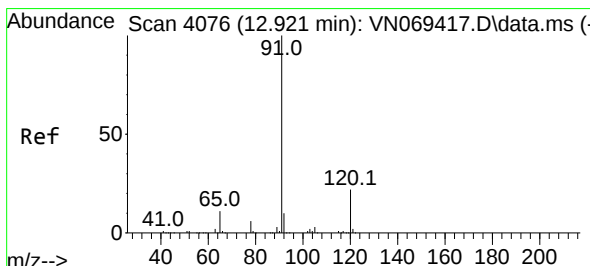
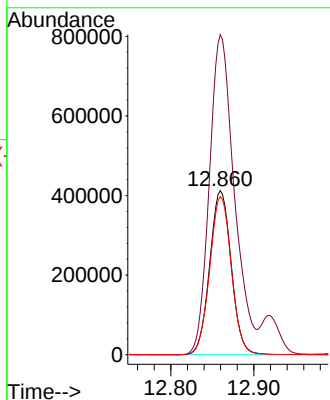
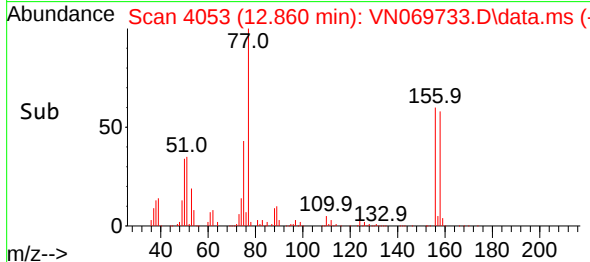
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 742630
Ion Ratio Lower Upper
156 100
77 225.1 90.6 271.8
158 96.7 48.9 146.7

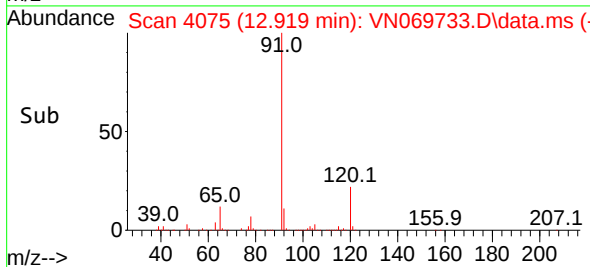
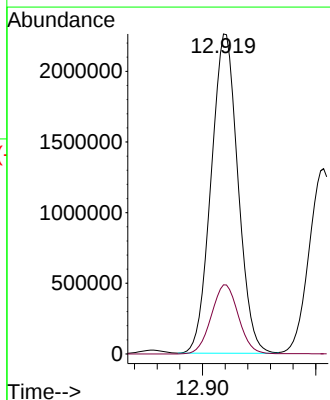
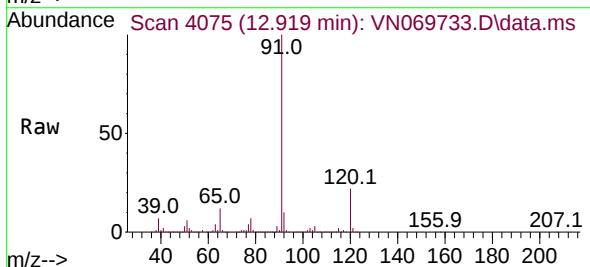
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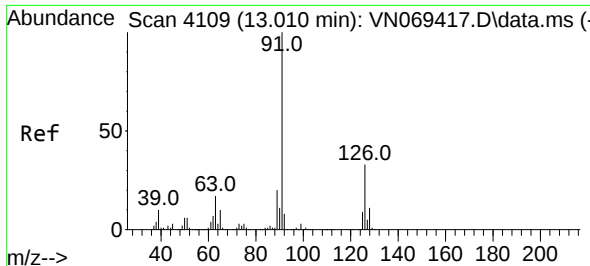
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 50.585 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Tgt Ion: 91 Resp: 3713834
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





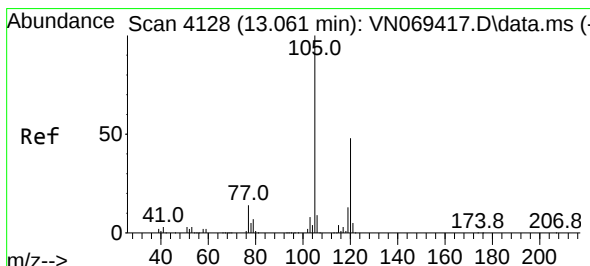
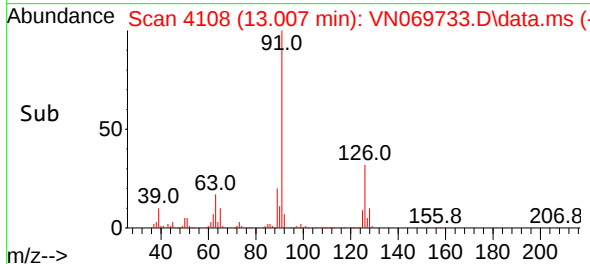
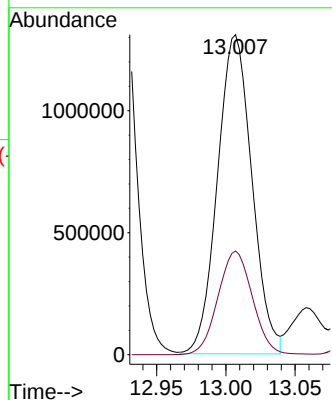
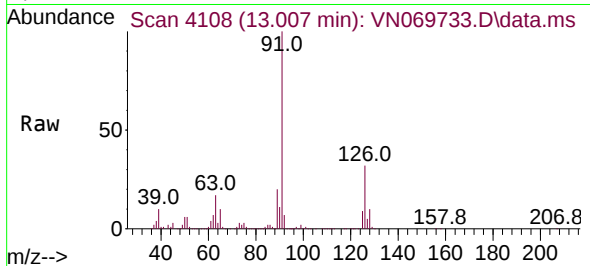
#79
2-Chlorotoluene
Concen: 48.795 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 226360
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

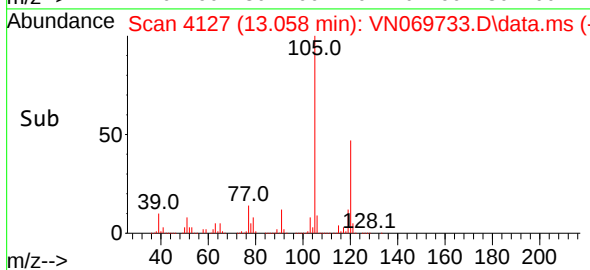
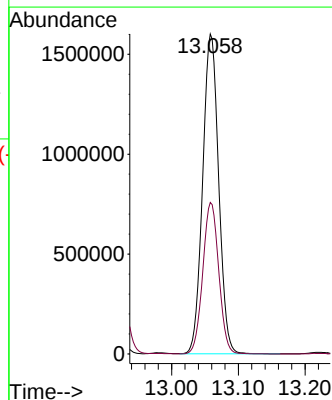
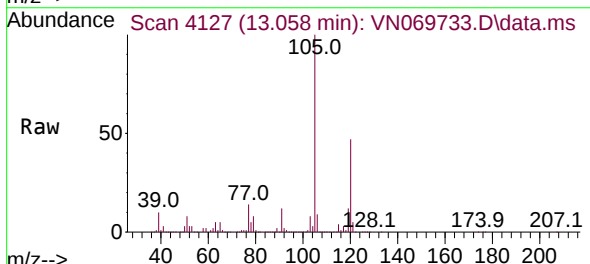
Manual Integrations
APPROVED

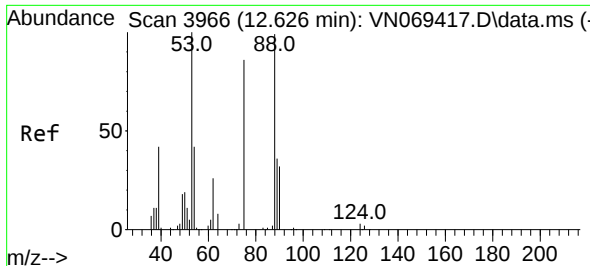
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.275 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

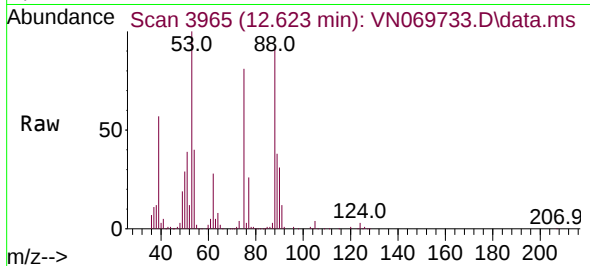
Tgt Ion:105 Resp: 2669770
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 43.584 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

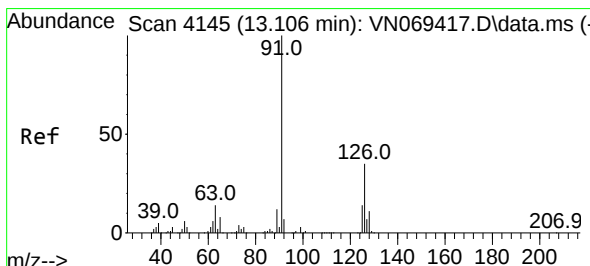
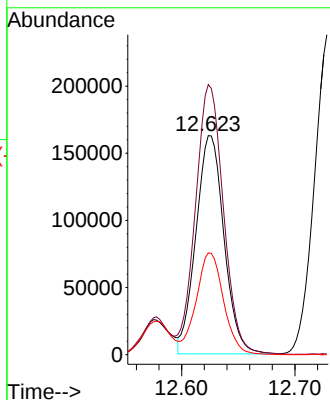
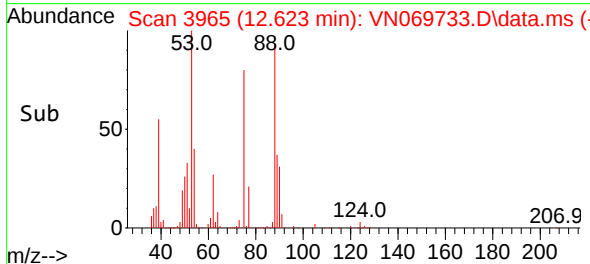
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



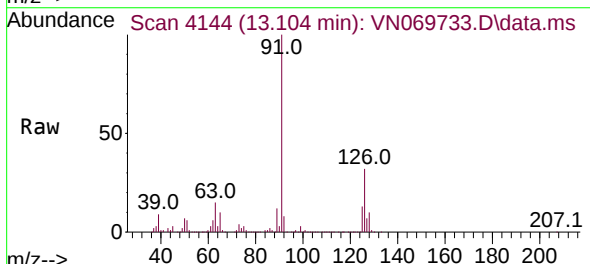
Tgt Ion: 75 Resp: 279504
Ion Ratio Lower Upper
75 100
53 124.0 90.5 135.7
89 46.0 38.2 57.4

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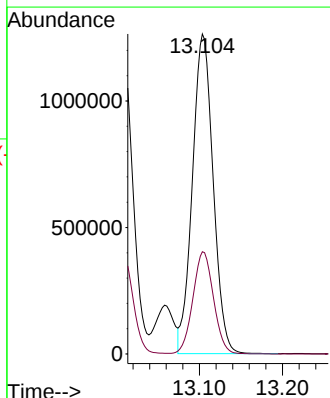
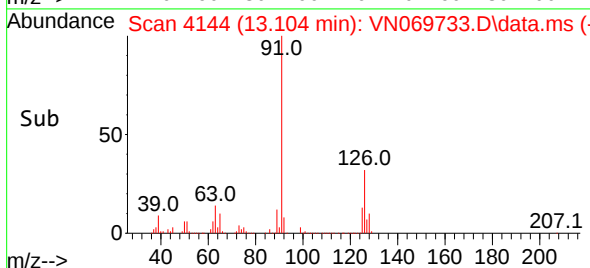
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 50.256 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



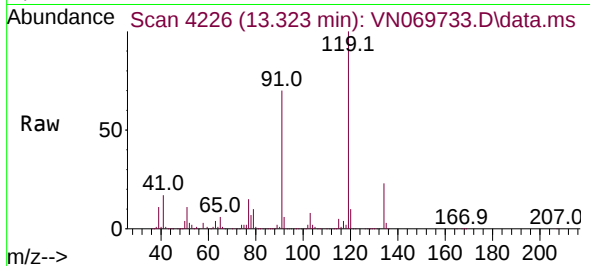
Tgt Ion: 91 Resp: 2192533
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.424 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

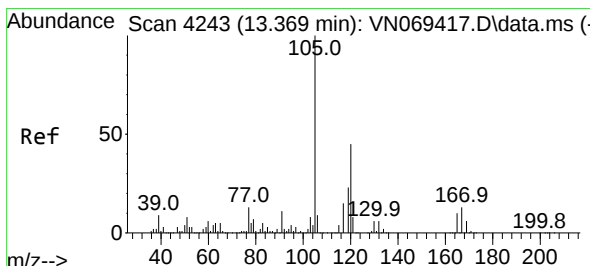
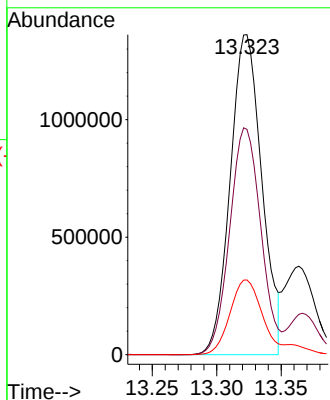
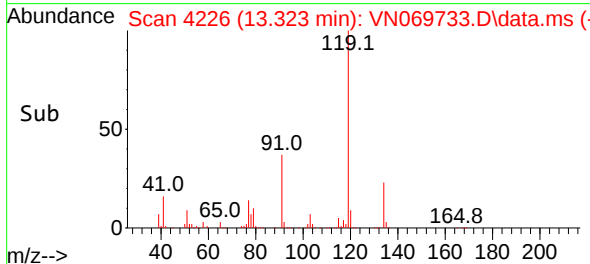
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 2323964
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 26.0 12.4 37.4

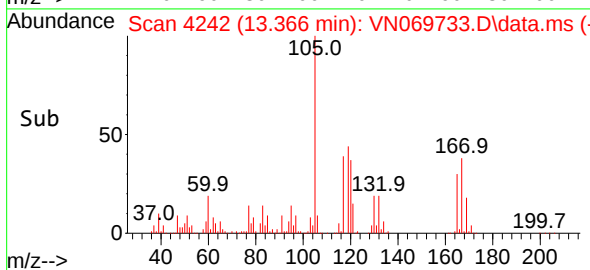
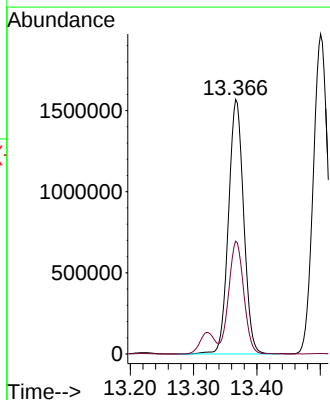
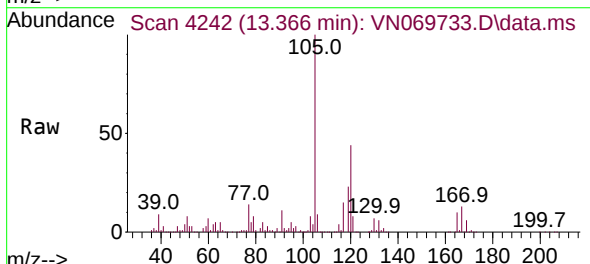
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#84
1,2,4-Trimethylbenzene
Concen: 51.698 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

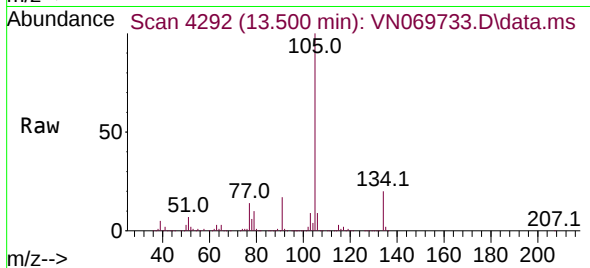
Tgt Ion:105 Resp: 2614529
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 50.702 ug/l
 RT: 13.500 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069733.D
 Acq: 3 Dec 2021 22:01

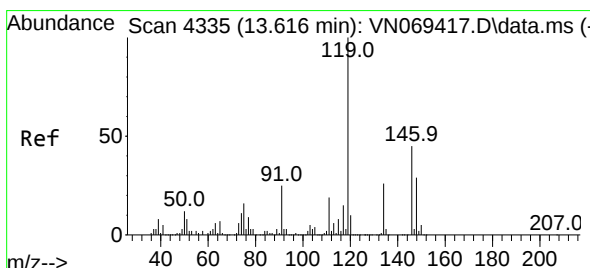
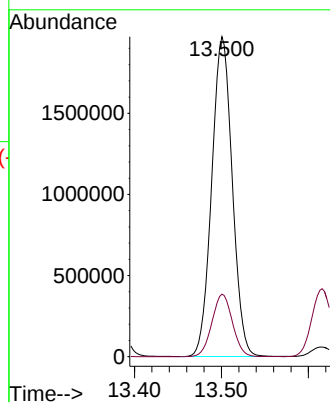
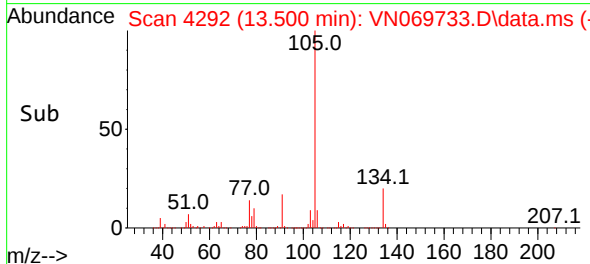
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



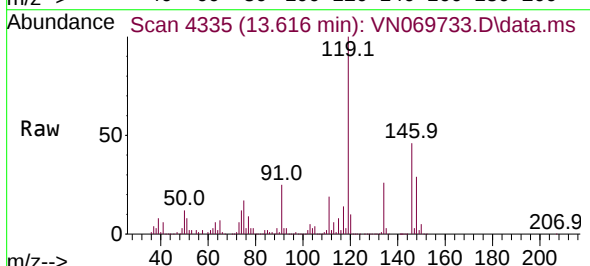
Tgt Ion:105 Resp: 3233760
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

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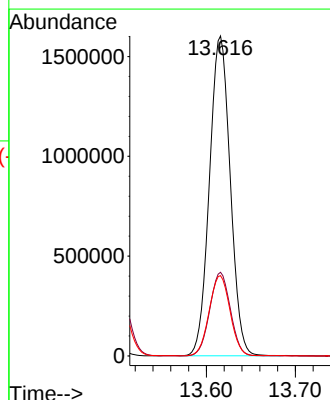
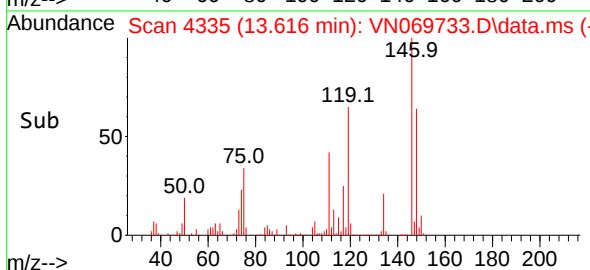
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 52.030 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069733.D
 Acq: 3 Dec 2021 22:01



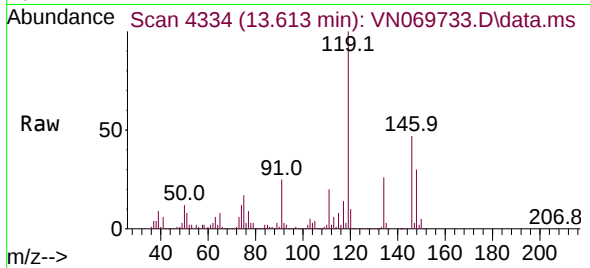
Tgt Ion:119 Resp: 2593928
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.878 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

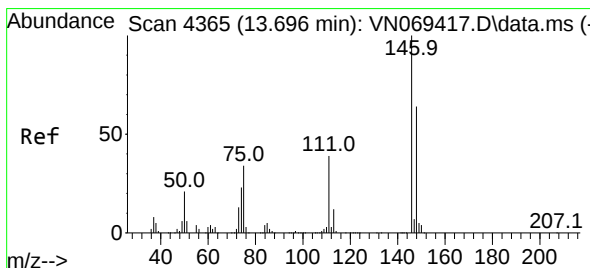
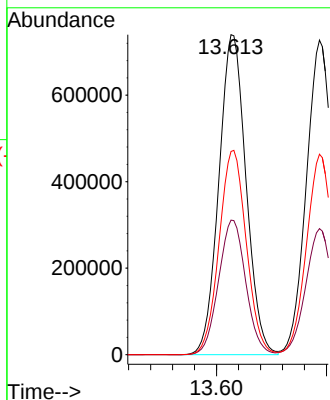
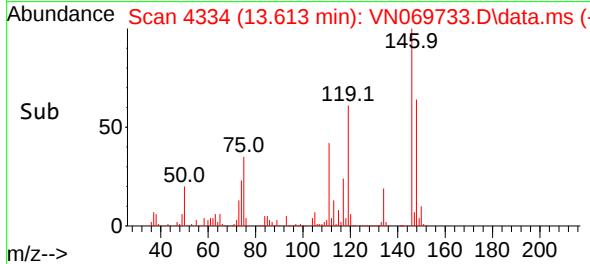
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



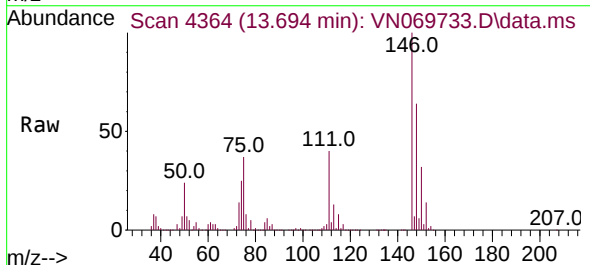
Tgt Ion:146 Resp: 1269838
Ion Ratio Lower Upper
146 100
111 42.0 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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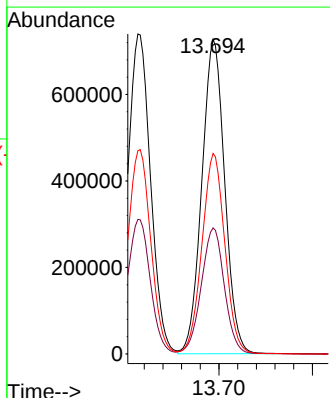
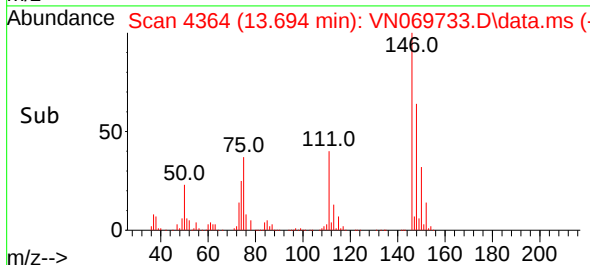
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#88
1,4-Dichlorobenzene
Concen: 49.324 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



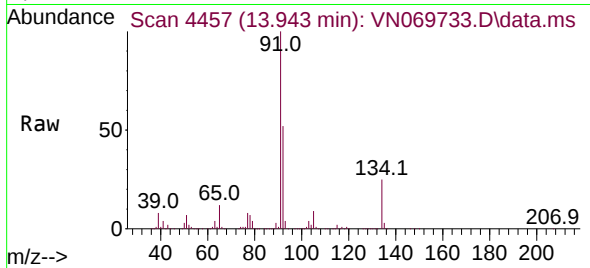
Tgt Ion:146 Resp: 1234057
Ion Ratio Lower Upper
146 100
111 40.3 18.3 54.8
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 51.195 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

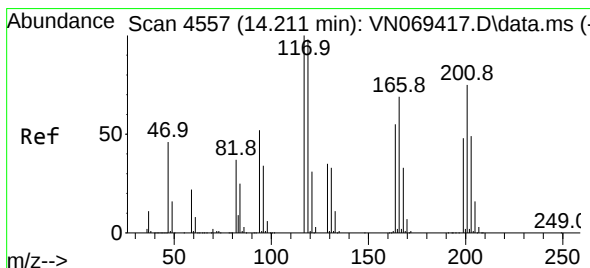
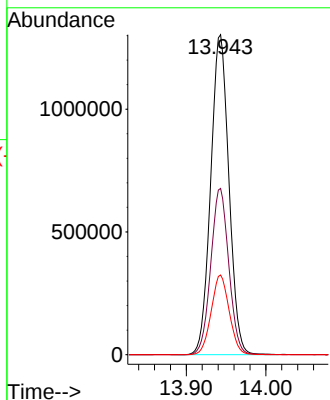
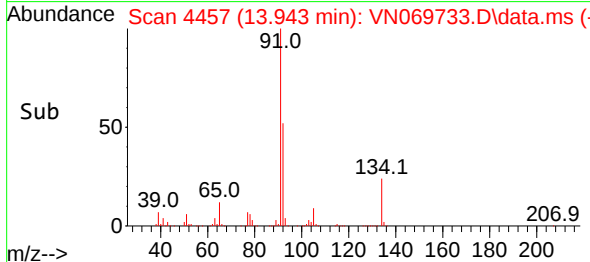
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 207040
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.7 13.6 40.8

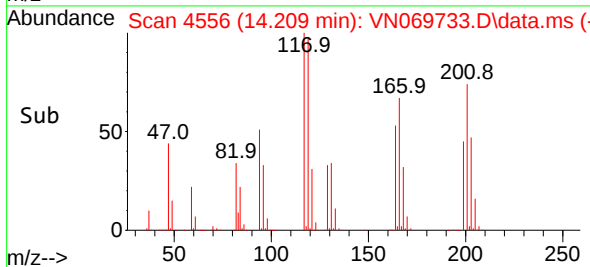
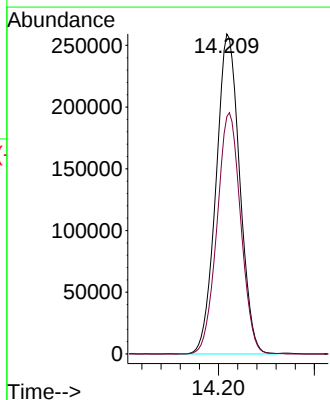
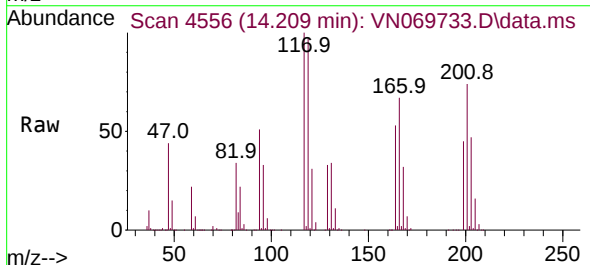
Manual Integrations
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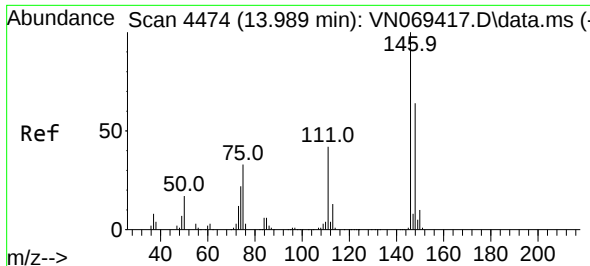
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 50.724 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

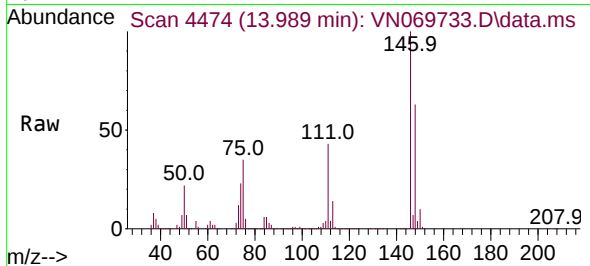
Tgt Ion:117 Resp: 443985
Ion Ratio Lower Upper
117 100
201 75.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.885 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

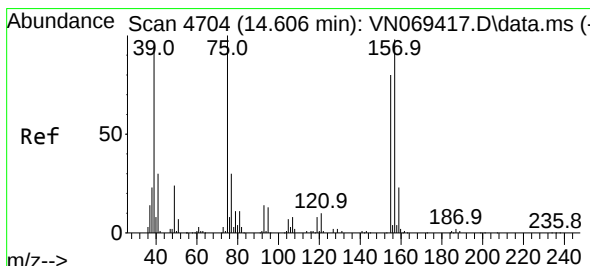
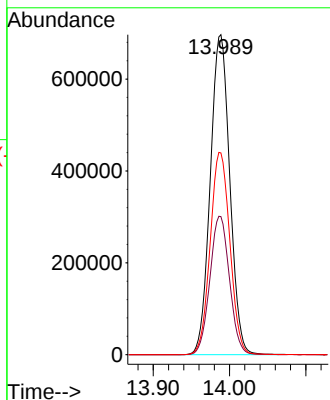
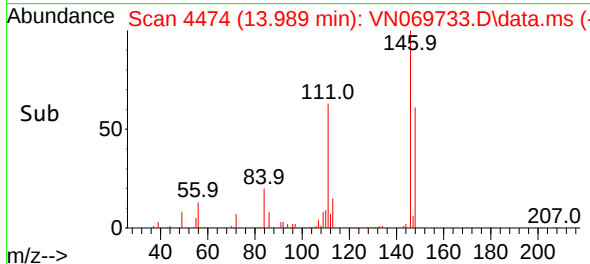
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



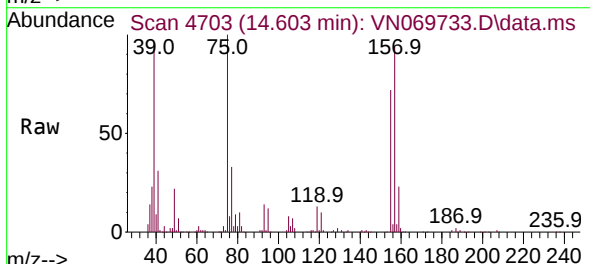
Tgt Ion:146 Resp: 1237458
Ion Ratio Lower Upper
146 100
111 43.5 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
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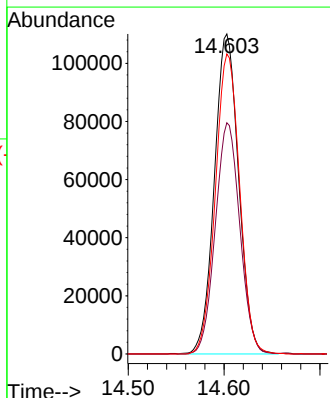
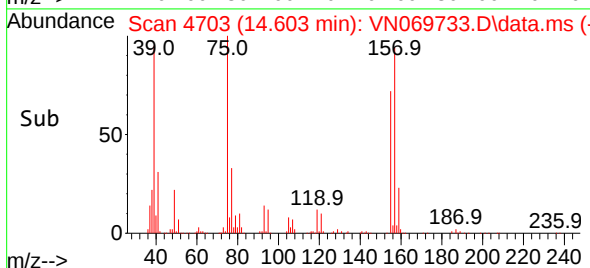
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

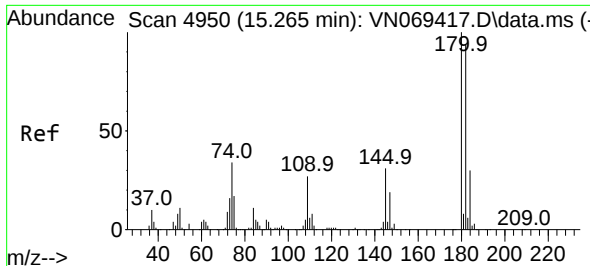


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.877 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01



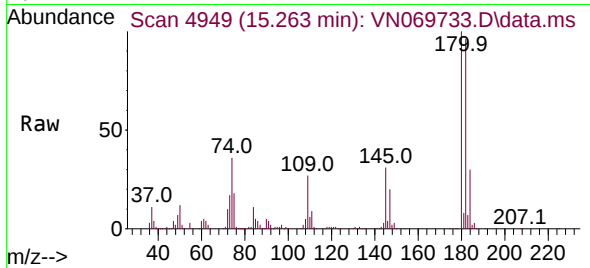
Tgt Ion: 75 Resp: 193256
Ion Ratio Lower Upper
75 100
155 73.0 46.9 140.7
157 93.7 60.6 181.7





#93
 1,2,4-Trichlorobenzene
 Concen: 44.655 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN069733.D
 Acq: 3 Dec 2021 22:01

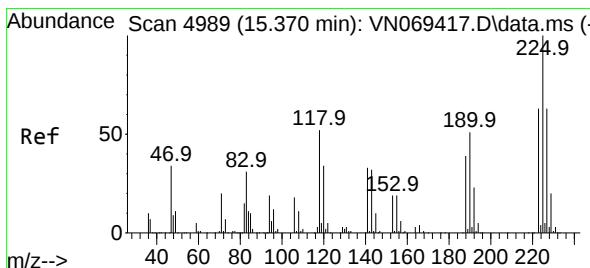
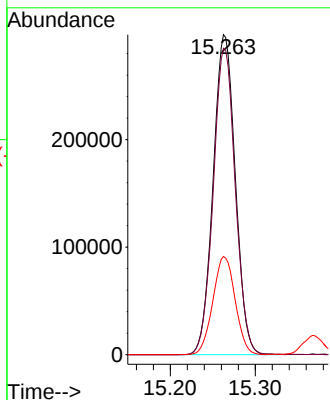
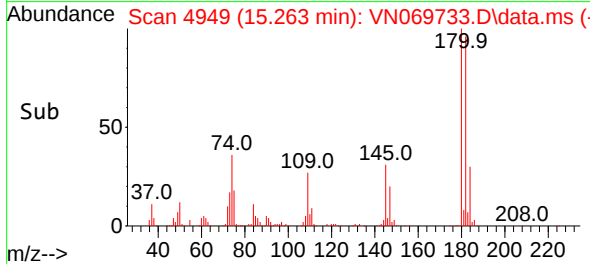
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



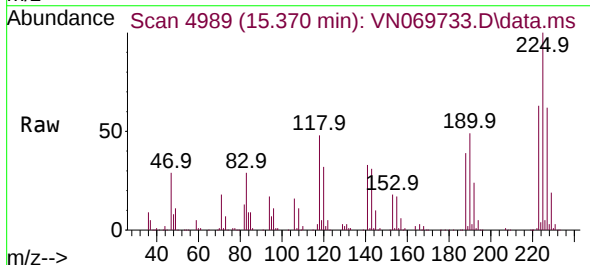
Tgt Ion:180 Resp: 53932
 Ion Ratio Lower Upper
 180 100
 182 95.5 48.3 144.9
 145 30.9 14.5 43.5

Manual Integrations
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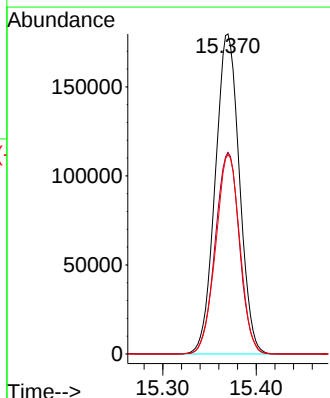
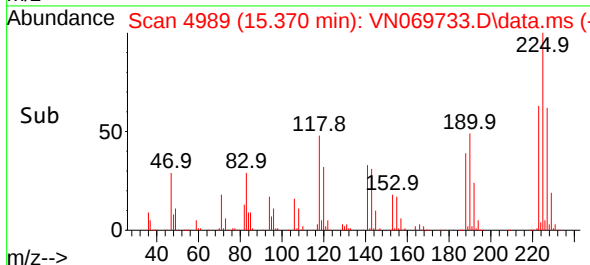
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

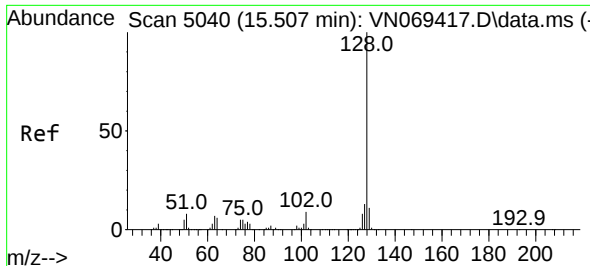


#94
 Hexachlorobutadiene
 Concen: 49.273 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: VN069733.D
 Acq: 3 Dec 2021 22:01



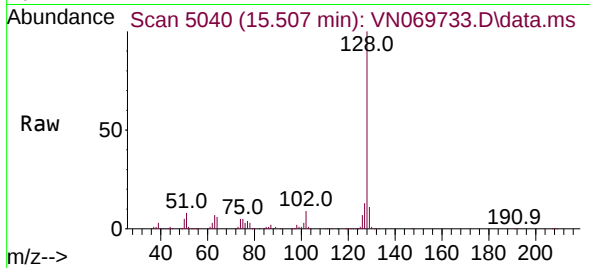
Tgt Ion:225 Resp: 323929
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.9 95.7
 227 62.1 32.1 96.3





#95
Naphthalene
Concen: 40.100 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

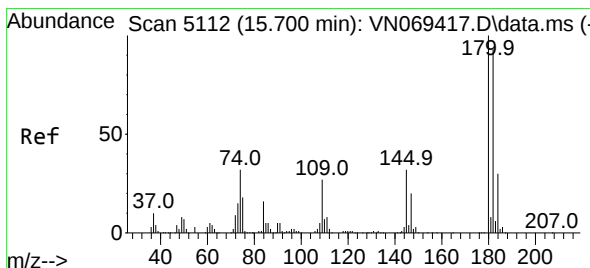
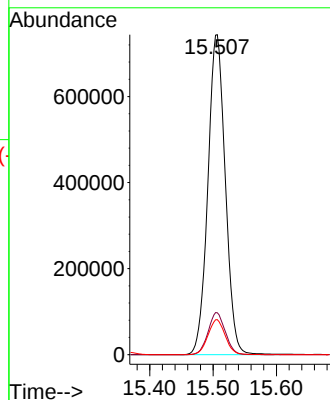
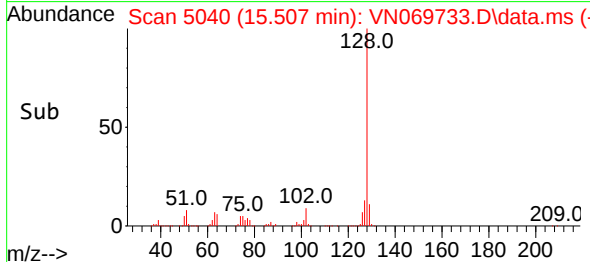
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 142211
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 44.590 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069733.D
Acq: 3 Dec 2021 22:01

Tgt Ion:180 Resp: 525428
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.5 15.0 45.1

