

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120421\
 Data File : VN069775.D
 Acq On : 4 Dec 2021 19:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 00:18:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1025757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1706393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1632217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	712145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	779506	49.218	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.440%		
35) Dibromofluoromethane	8.021	113	536123	50.159	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.320%		
50) Toluene-d8	10.440	98	2118821	49.369	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.740%		
62) 4-Bromofluorobenzene	12.731	95	794047	51.070	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	624119	52.167	ug/l	100
3) Chloromethane	2.303	50	730866	48.762	ug/l	99
4) Vinyl Chloride	2.445	62	705504	51.190	ug/l	99
5) Bromomethane	2.834	94	378689	50.576	ug/l	100
6) Chloroethane	3.009	64	420359	49.773	ug/l	97
7) Trichlorofluoromethane	3.371	101	925307	51.155	ug/l	98
8) Diethyl Ether	3.821	74	356541	51.179	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.202	101	521286	51.412	ug/l	96
10) Methyl Iodide	4.417	142	614301	44.348	ug/l	97
11) Tert butyl alcohol	5.382	59	662144	221.178	ug/l	99
12) 1,1-Dichloroethene	4.175	96	500465	51.221	ug/l	87
13) Acrolein	4.038	56	703383	275.900	ug/l	98
14) Allyl chloride	4.838	41	1116722	50.721	ug/l	95
15) Acrylonitrile	5.554	53	1958077	242.728	ug/l	98
16) Acetone	4.285	43	1867248	195.993	ug/l	97
17) Carbon Disulfide	4.524	76	1331873	52.763	ug/l	100
18) Methyl Acetate	4.854	43	1368355	47.583	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	1957669	51.529	ug/l	96
20) Methylene Chloride	5.095	84	625593	49.395	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	539643	50.849	ug/l	85
22) Diisopropyl ether	6.498	45	2304775	53.557	ug/l	94
23) Vinyl Acetate	6.433	43	9441206	269.669	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1168087	52.400	ug/l	97
25) 2-Butanone	7.335	43	2932733	226.561	ug/l	92
26) 2,2-Dichloropropane	7.324	77	847201	48.880	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	652947	50.924	ug/l	86
28) Bromochloromethane	7.659	49	559677	48.281	ug/l #	78
29) Tetrahydrofuran	7.686	42	1916016	243.760	ug/l	88
30) Chloroform	7.817	83	1171028	52.015	ug/l	99
31) Cyclohexane	8.094	56	1107376	50.243	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	1003816	52.345	ug/l	95
36) 1,1-Dichloropropene	8.220	75	853498	52.541	ug/l	96
37) Ethyl Acetate	7.415	43	1170604	48.417	ug/l	96
38) Carbon Tetrachloride	8.206	117	835957	52.478	ug/l	99
39) Methylcyclohexane	9.459	83	1018278	52.700	ug/l	89
40) Benzene	8.461	78	2585157	52.065	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	581352	51.222	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	1032243	51.500	ug/l	96
43) Isopropyl Acetate	8.560	43	1828870	51.116	ug/l #	93
44) Trichloroethene	9.215	130	619253	52.253	ug/l	90
45) 1,2-Dichloropropane	9.488	63	704344	52.825	ug/l	99
46) Dibromomethane	9.577	93	453547	51.866	ug/l	93
47) Bromodichloromethane	9.762	83	895374	54.080	ug/l	100
48) Methyl methacrylate	9.558	41	857162	51.336	ug/l	86
49) 1,4-Dioxane	9.569	88	275014	917.942	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5995837	258.321	ug/l	95
52) Toluene	10.505	92	1608785	53.071	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	952943	47.968	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1023644	49.014	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	640806	52.392	ug/l	98
56) Ethyl methacrylate	10.759	69	1101054	47.815	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1134919	52.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1288595	209.946	ug/l	91
59) 2-Hexanone	11.084	43	4306157	245.250	ug/l	92
60) Dibromochloromethane	11.240	129	646946	49.397	ug/l	100
61) 1,2-Dibromoethane	11.344	107	672383	53.076	ug/l	99
64) Tetrachloroethene	10.977	164	553642	50.024	ug/l	94
65) Chlorobenzene	11.771	112	1705386	51.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	616104	52.863	ug/l	100
67) Ethyl Benzene	11.843	91	3192951	53.084	ug/l	96
68) m/p-Xylenes	11.953	106	2330128	106.395	ug/l	92
69) o-Xylene	12.280	106	1174649	53.248	ug/l	93
70) Styrene	12.294	104	1916531	54.789	ug/l	95
71) Bromoform	12.457	173	476363	47.909	ug/l #	100
73) Isopropylbenzene	12.578	105	3080912	48.625	ug/l	98
74) N-amyl acetate	12.387	43	1360650	48.559	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1014493	46.302	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	938686m	45.963	ug/l	
77) Bromobenzene	12.859	156	718247	48.261	ug/l	79
78) n-propylbenzene	12.921	91	3531968	50.094	ug/l	96
79) 2-Chlorotoluene	13.007	91	2170745	48.725	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2543530	49.875	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	275715	44.657	ug/l	94
82) 4-Chlorotoluene	13.104	91	2078186	49.602	ug/l	92
83) tert-Butylbenzene	13.323	119	2254837	49.933	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2476288	50.986	ug/l	98
85) sec-Butylbenzene	13.500	105	3067529	50.081	ug/l	98
86) p-Isopropyltoluene	13.616	119	2444699	51.061	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1186290	48.520	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1140610	47.471	ug/l	96
89) n-Butylbenzene	13.943	91	1946101	50.108	ug/l	97
90) Hexachloroethane	14.211	117	425203	50.584	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	1146759	48.137	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	181302	45.793	ug/l	80
93) 1,2,4-Trichlorobenzene	15.262	180	503461	43.487	ug/l	98
94) Hexachlorobutadiene	15.370	225	295089	46.739	ug/l	99
95) Naphthalene	15.507	128	1357270	39.876	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	496316	43.898	ug/l	99

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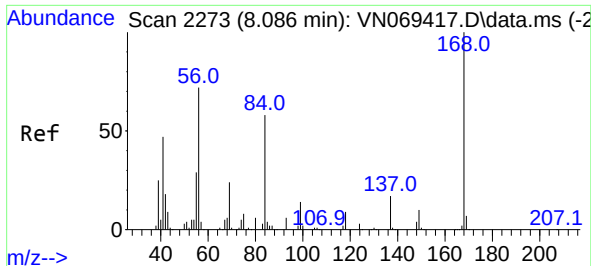
Manual Integrations
APPROVED

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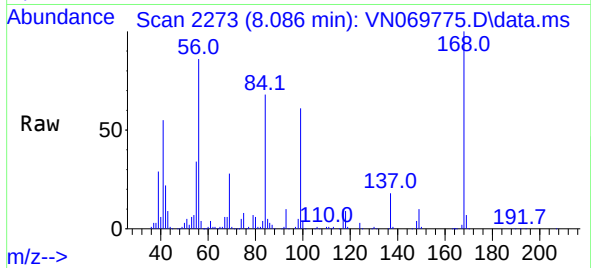
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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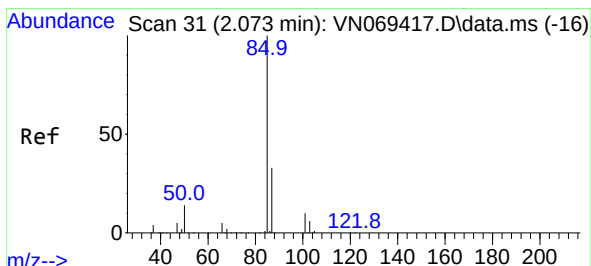
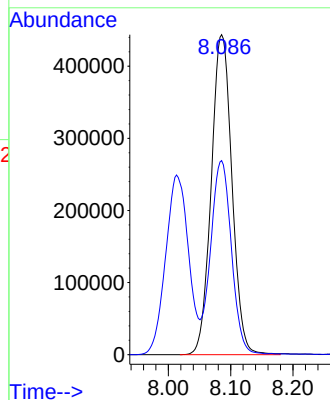
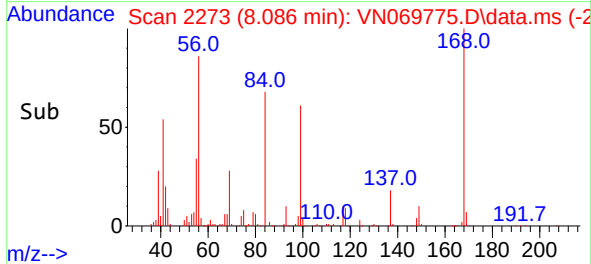
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 102575
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

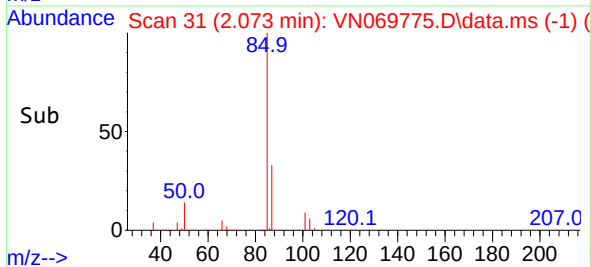
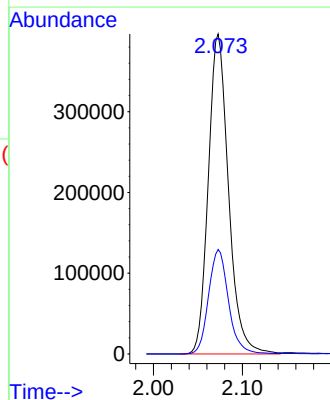
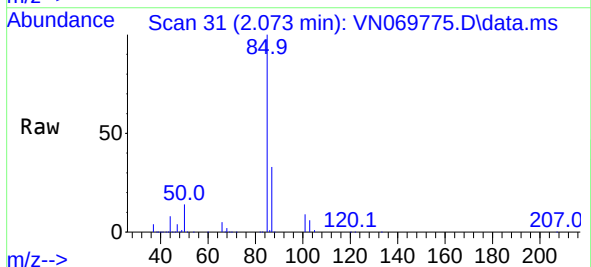
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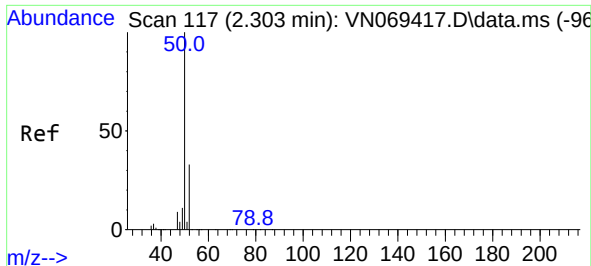
Reviewed By :John Carlone 12/06/2021
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#2
Dichlorodifluoromethane
Concen: 52.167 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

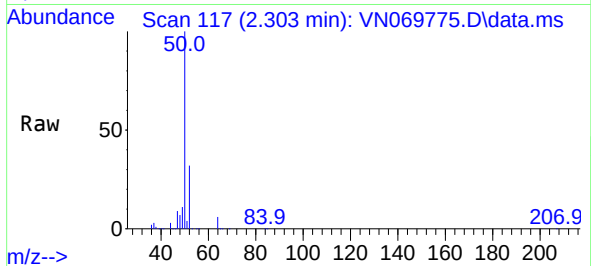
Tgt Ion: 85 Resp: 624119
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9





#3
Chloromethane
Concen: 48.762 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

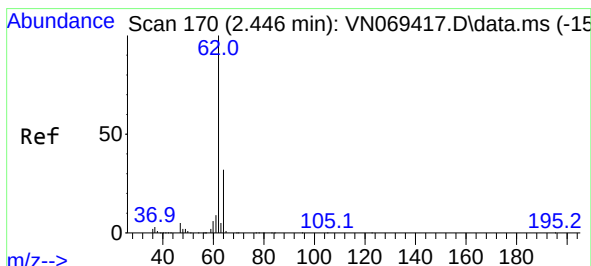
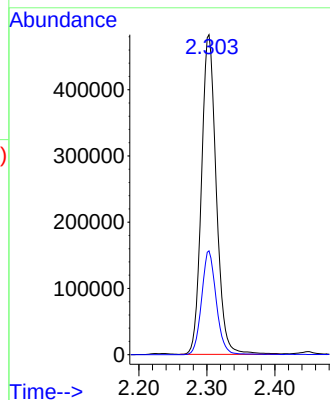
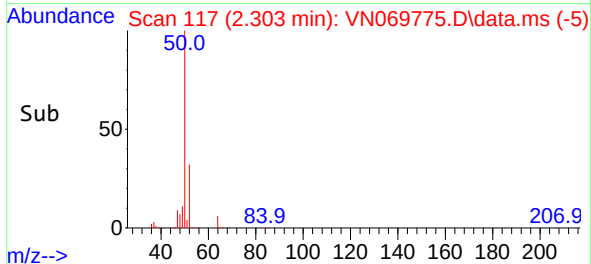
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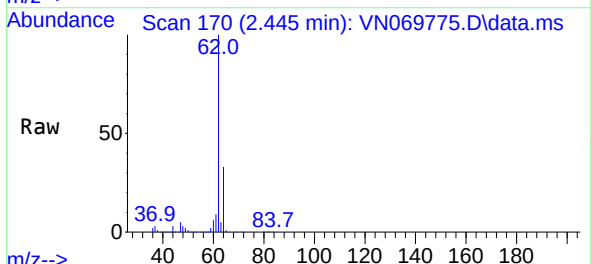
Tgt Ion: 50 Resp: 730860
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

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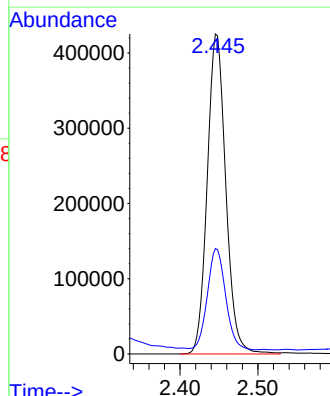
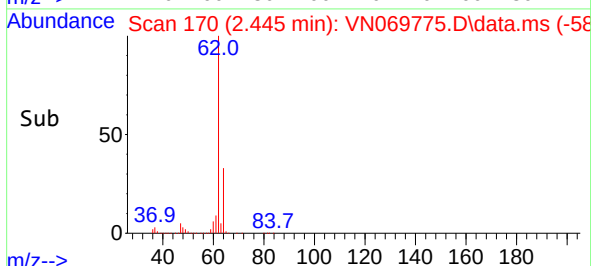
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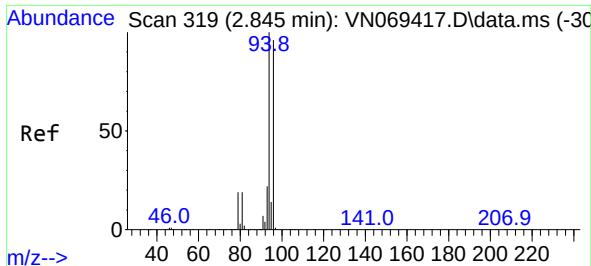


#4
Vinyl Chloride
Concen: 51.190 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



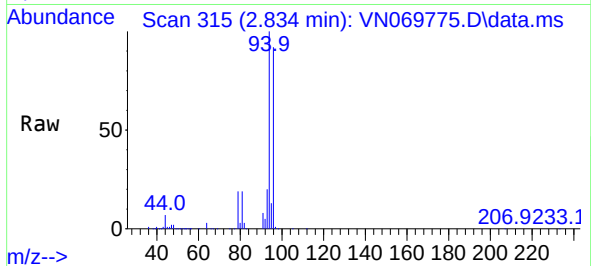
Tgt Ion: 62 Resp: 705504
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 50.576 ug/l
RT: 2.834 min Scan# 319
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

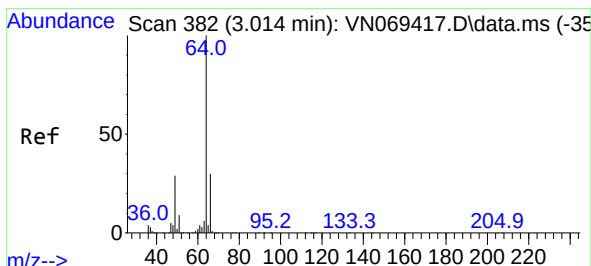
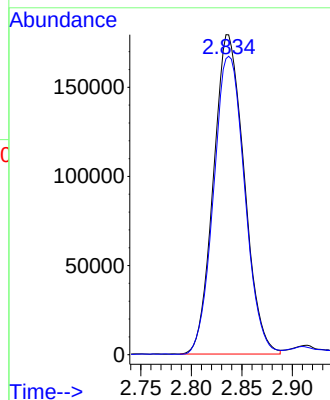
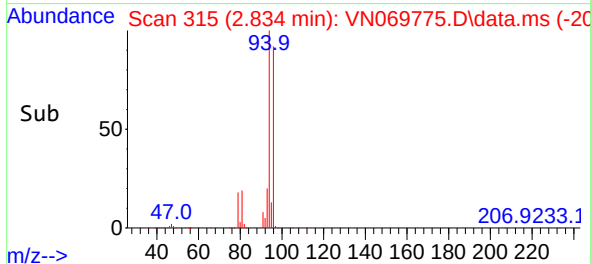
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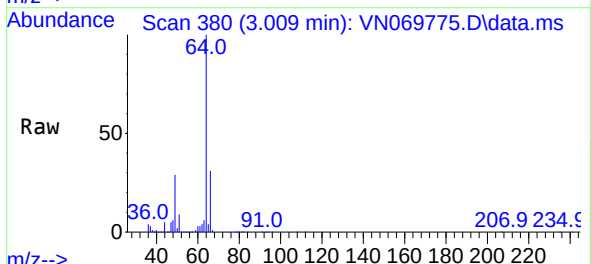
Tgt Ion: 94 Resp: 378689
Ion Ratio Lower Upper
94 100
96 92.5 73.8 110.8

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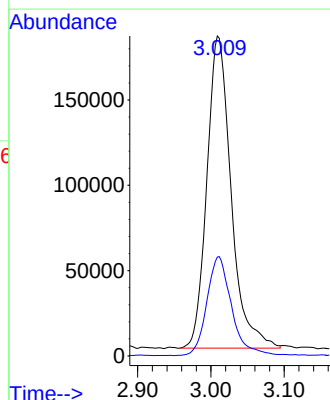
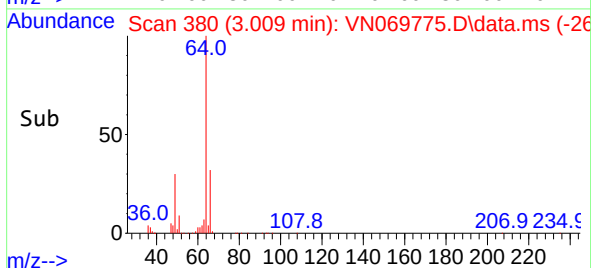
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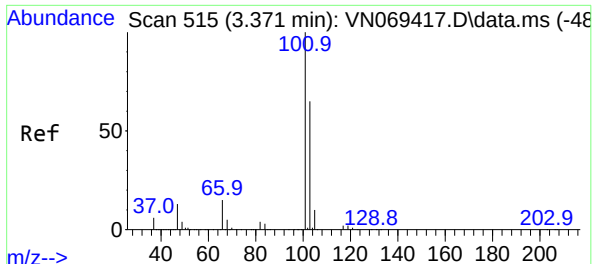


#6
Chloroethane
Concen: 49.773 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion: 64 Resp: 420359
Ion Ratio Lower Upper
64 100
66 31.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 51.155 ug/l
RT: 3.371 min Scan# 515
Delta R.T. 0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

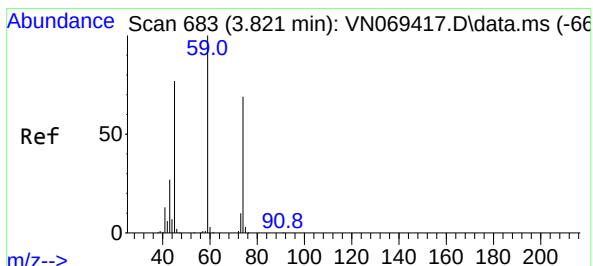
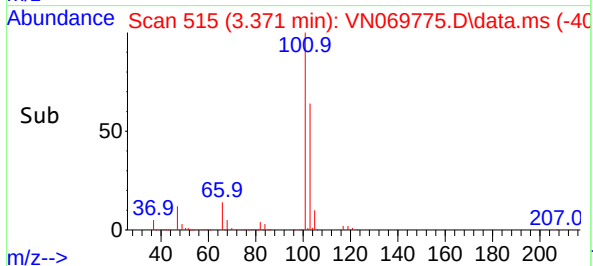
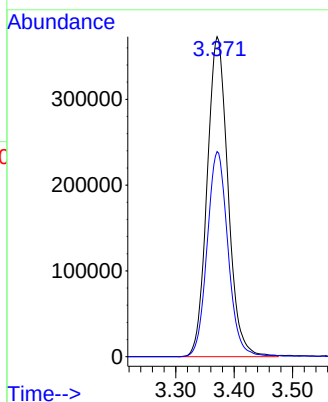
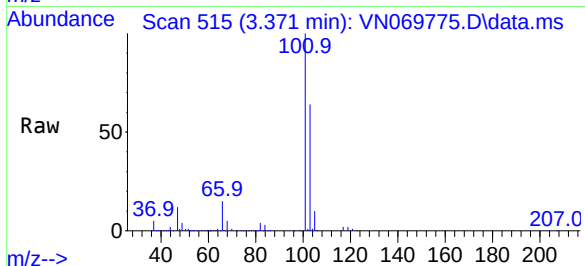
VSTDCCC050EC

Tgt Ion:101 Resp: 92530
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

Manual Integrations

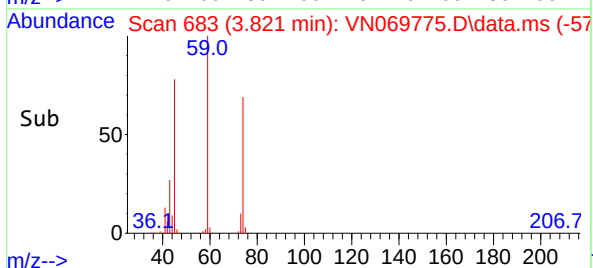
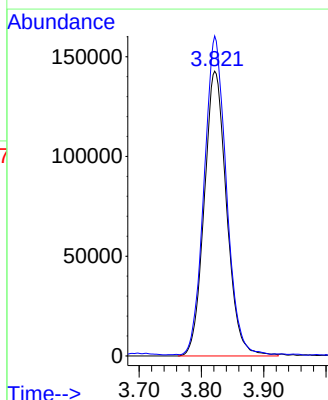
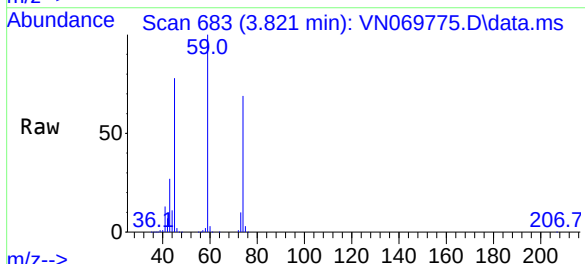
APPROVED

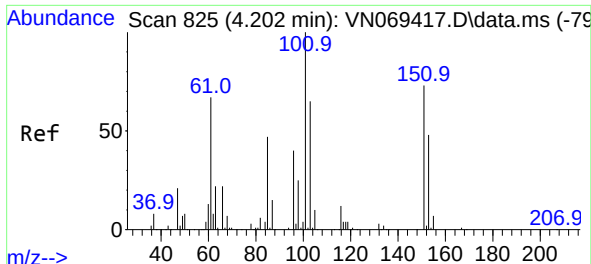
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#8
Diethyl Ether
Concen: 51.179 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 356541
Ion Ratio Lower Upper
74 100
45 110.3 47.0 141.2





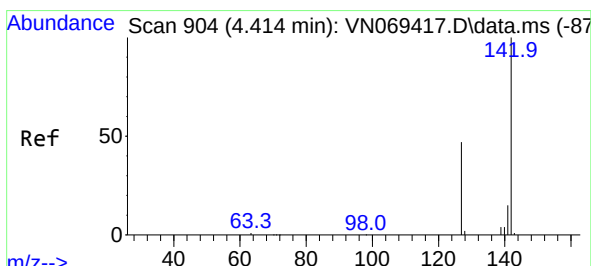
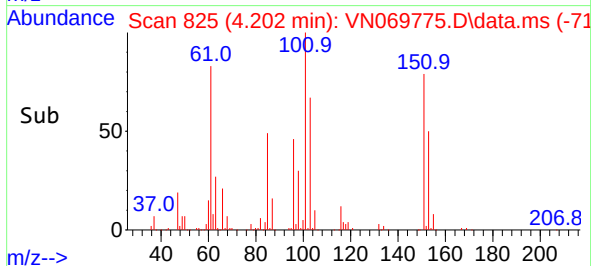
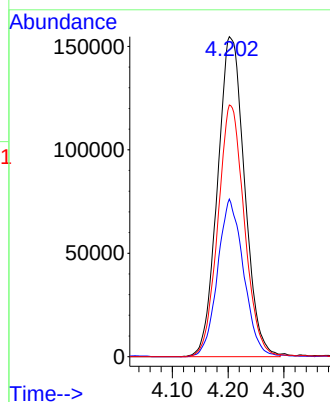
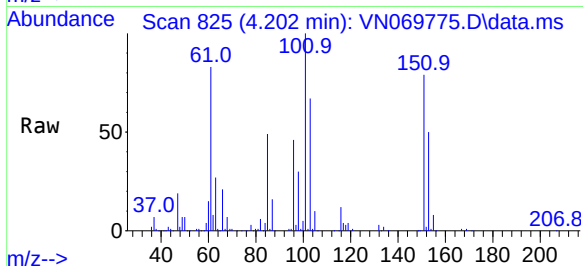
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.412 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 52128
Ion Ratio Lower Upper
101 100
85 47.3 37.2 55.8
151 76.8 65.9 98.9

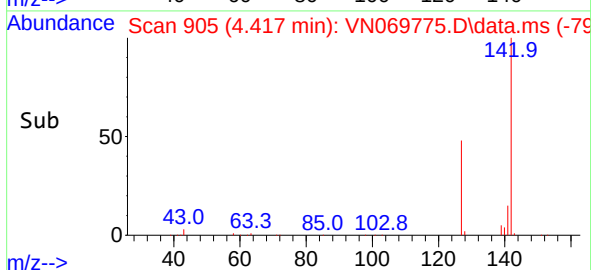
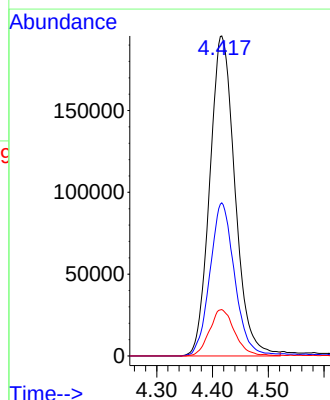
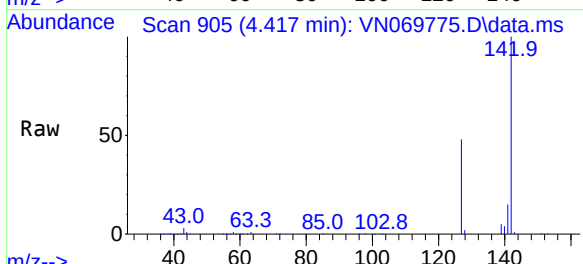
Manual Integrations
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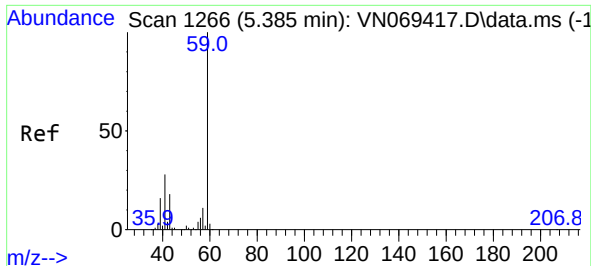
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 44.348 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

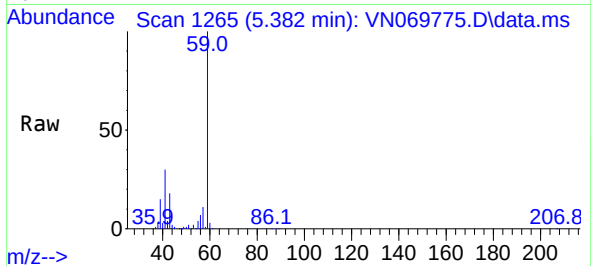
Tgt Ion:142 Resp: 614301
Ion Ratio Lower Upper
142 100
127 47.0 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 221.178 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

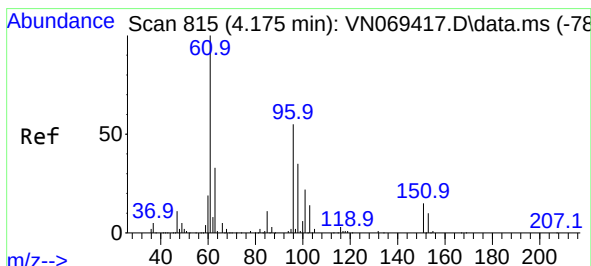
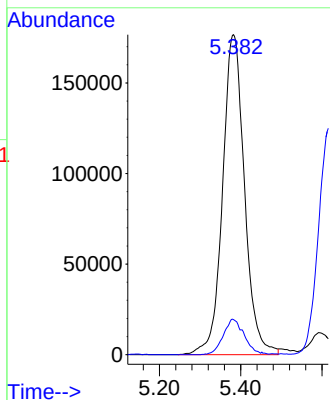
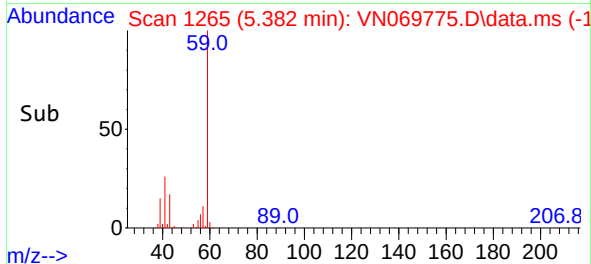
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



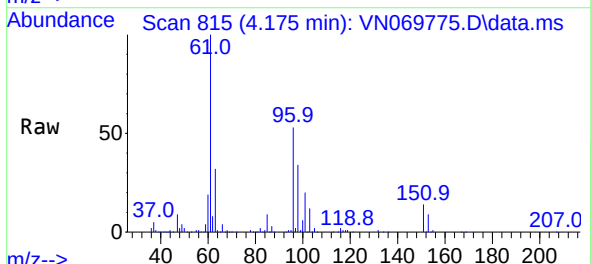
Tgt Ion: 59 Resp: 662144
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

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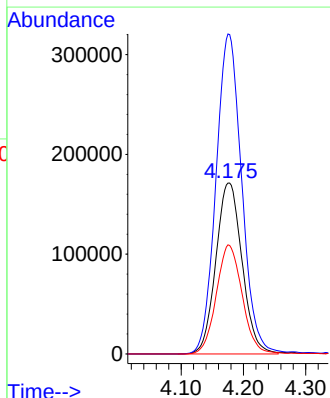
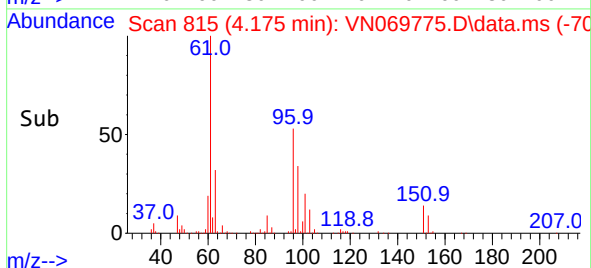
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

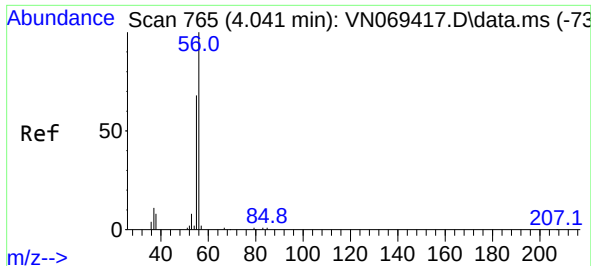


#12
1,1-Dichloroethene
Concen: 51.221 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



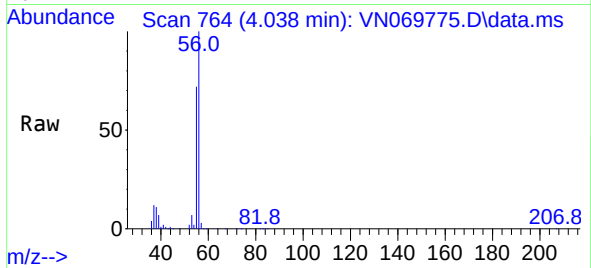
Tgt Ion: 96 Resp: 500465
Ion Ratio Lower Upper
96 100
61 187.3 131.0 196.6
98 63.9 52.4 78.6





#13
Acrolein
Concen: 275.900 ug/l
RT: 4.038 min Scan# 70338
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

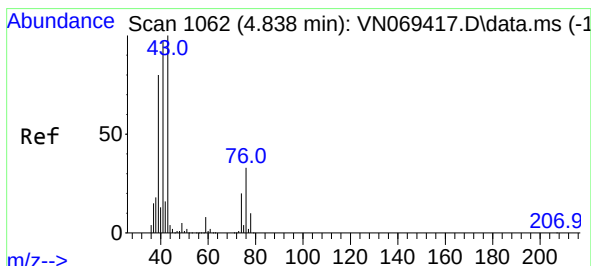
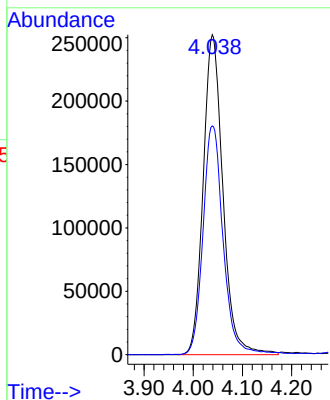
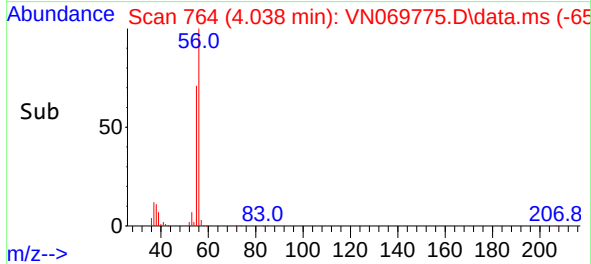
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



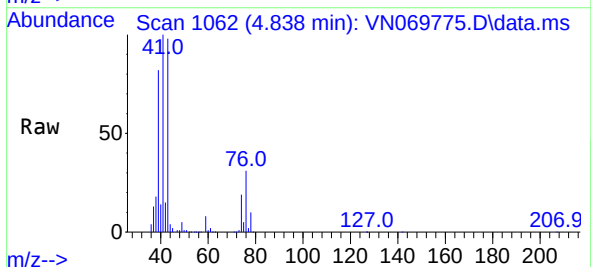
Tgt Ion: 56 Resp: 70338
Ion Ratio Lower Upper
56 100
55 72.1 56.6 85.0

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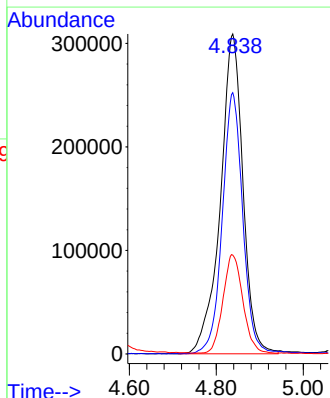
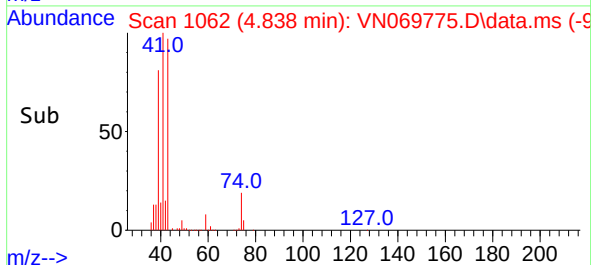
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

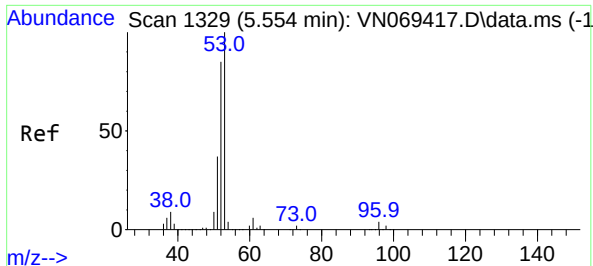


#14
Allyl chloride
Concen: 50.721 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



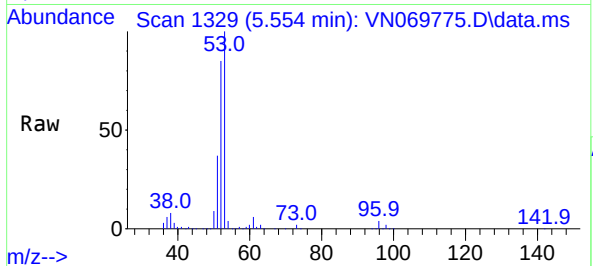
Tgt Ion: 41 Resp: 1116722
Ion Ratio Lower Upper
41 100
39 74.1 61.2 91.8
76 27.0 26.0 39.0





#15
Acrylonitrile
Concen: 242.728 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

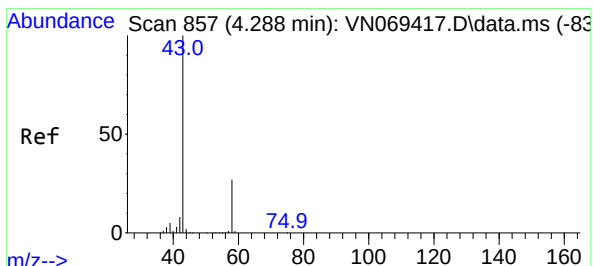
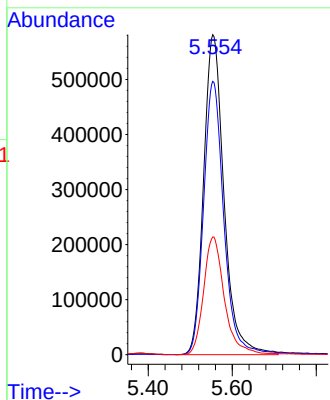
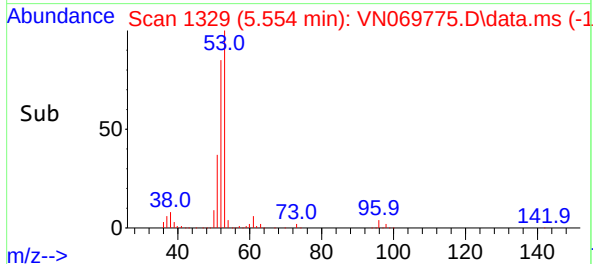
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 195807
Ion Ratio Lower Upper
53 100
52 84.6 66.2 99.2
51 37.4 29.6 44.4

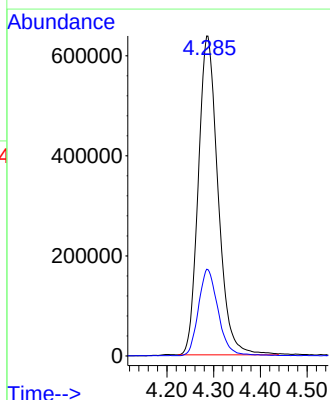
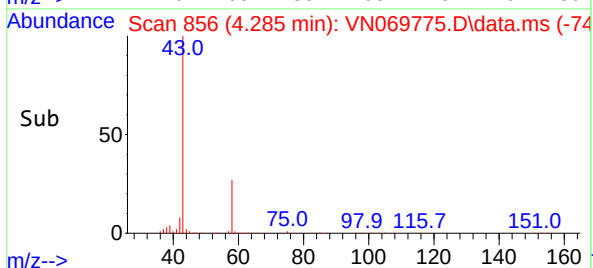
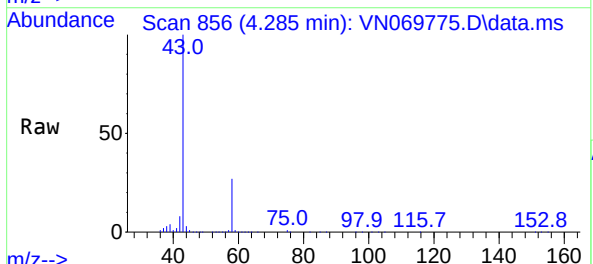
Manual Integrations
APPROVED

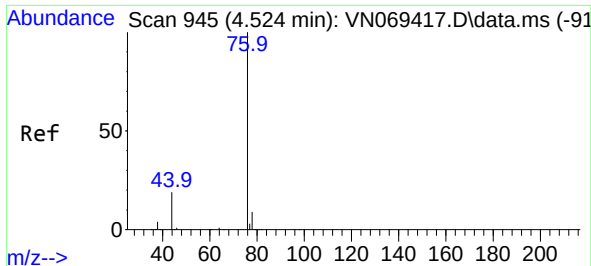
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#16
Acetone
Concen: 195.993 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

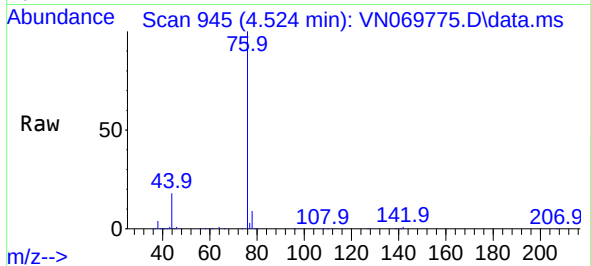
Tgt Ion: 43 Resp: 1867248
Ion Ratio Lower Upper
43 100
58 27.1 23.1 34.7





#17
Carbon Disulfide
Concen: 52.763 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

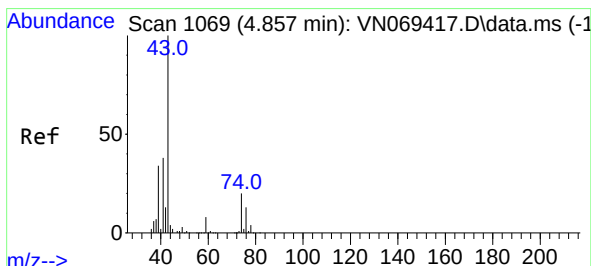
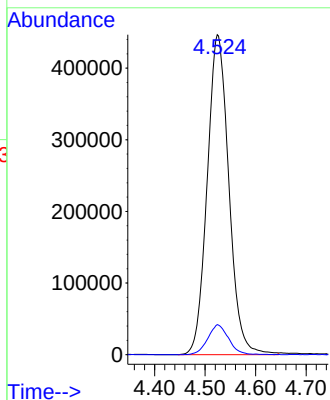
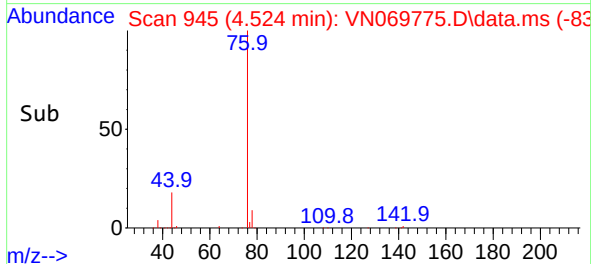
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



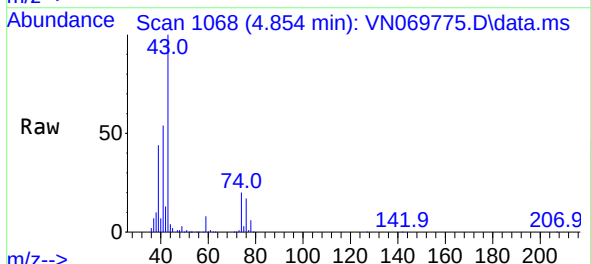
Tgt Ion: 76 Resp: 133187
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

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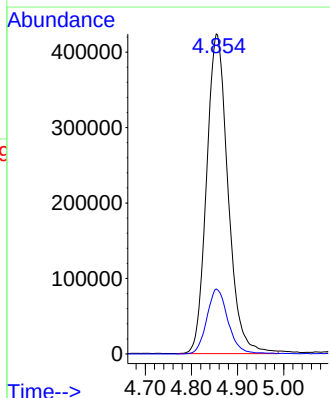
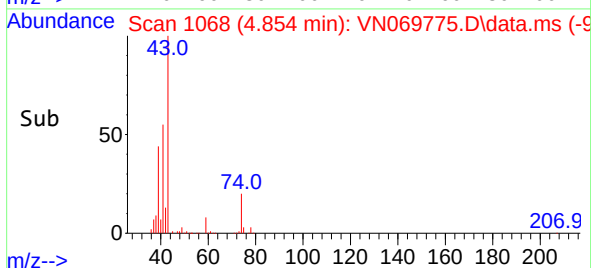
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

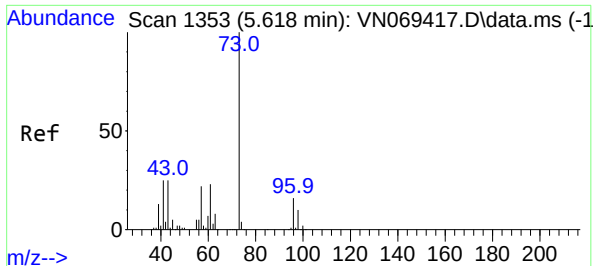


#18
Methyl Acetate
Concen: 47.583 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion: 43 Resp: 1368355
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.529 ug/l

RT: 5.615 min Scan# 1157

Delta R.T. -0.003 min

Lab File: VN069775.D

Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 195766

Ion Ratio Lower Upper

73 100

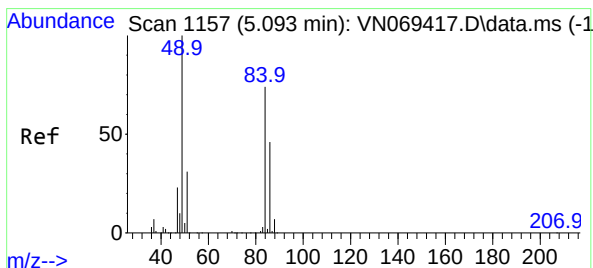
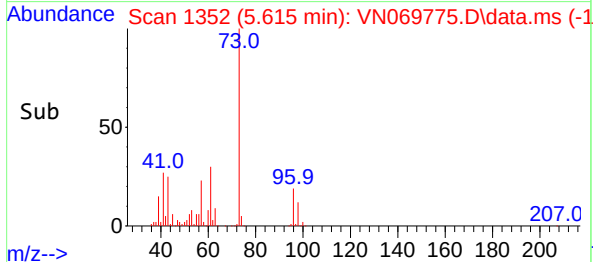
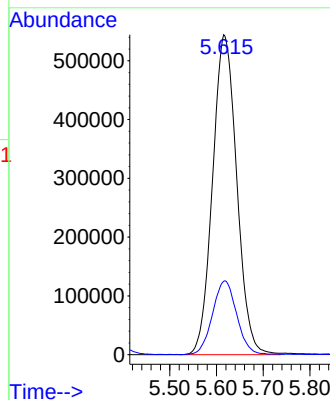
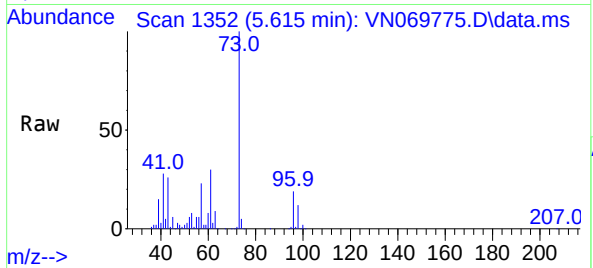
57 22.9 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#20

Methylene Chloride

Concen: 49.395 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.003 min

Lab File: VN069775.D

Acq: 4 Dec 2021 19:21

Tgt Ion: 84 Resp: 625593

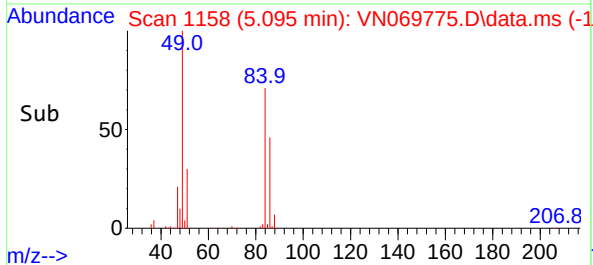
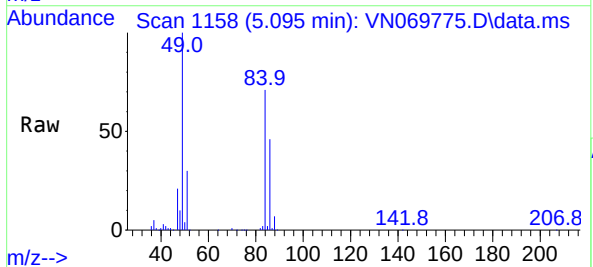
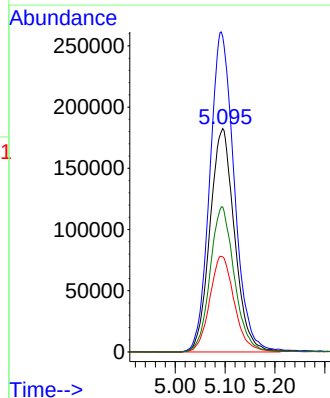
Ion Ratio Lower Upper

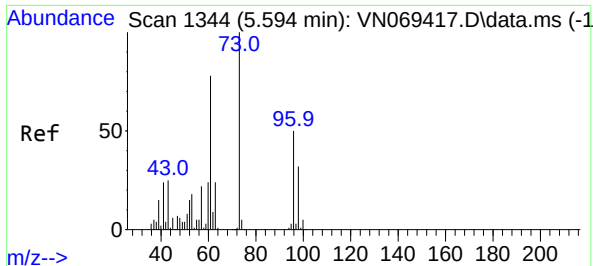
84 100

49 141.1 93.5 140.3#

51 42.5 29.4 44.2

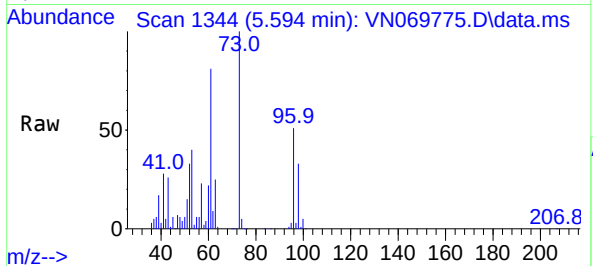
86 64.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 50.849 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

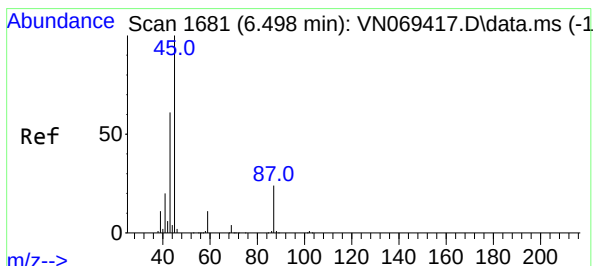
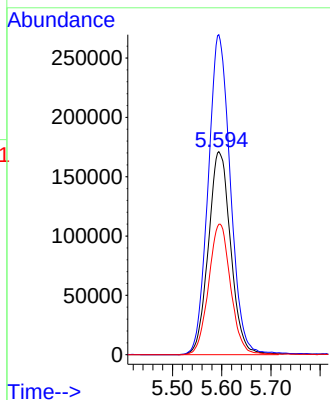
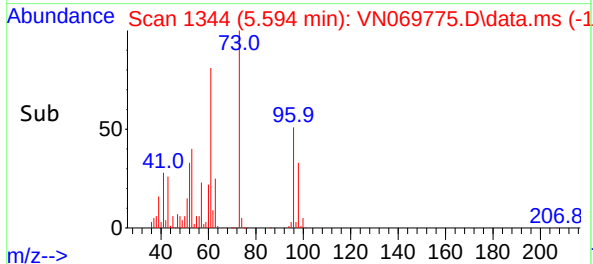
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



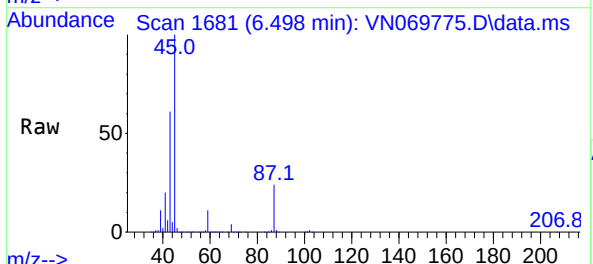
Tgt Ion: 96 Resp: 53964
Ion Ratio Lower Upper
96 100
61 157.6 105.8 158.6
98 64.3 52.0 78.0

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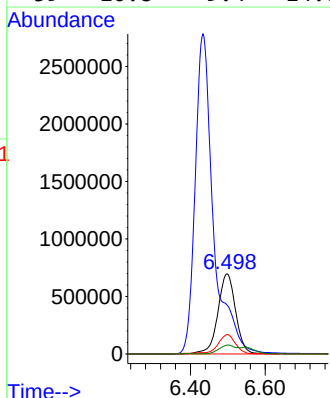
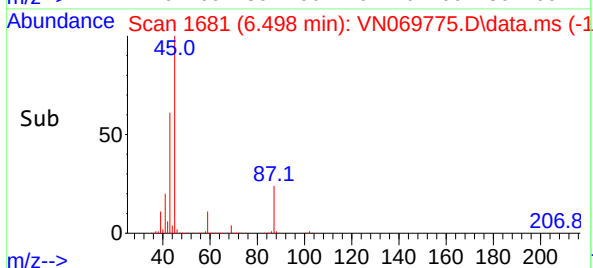
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

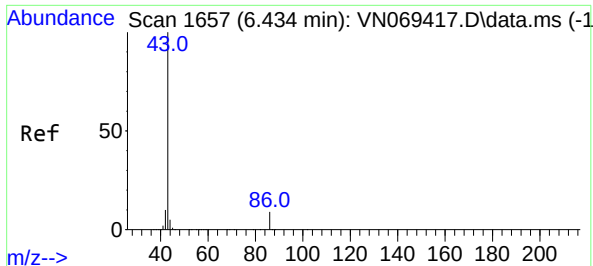


#22
Diisopropyl ether
Concen: 53.557 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion: 45 Resp: 2304775
Ion Ratio Lower Upper
45 100
43 60.6 51.7 77.5
87 24.2 23.2 34.8
59 10.8 9.4 14.0





#23

Vinyl Acetate

Concen: 269.669 ug/l

RT: 6.433 min Scan# 1657

Delta R.T. -0.003 min

Lab File: VN069775.D

Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 9441200

Ion Ratio Lower Upper

43 100

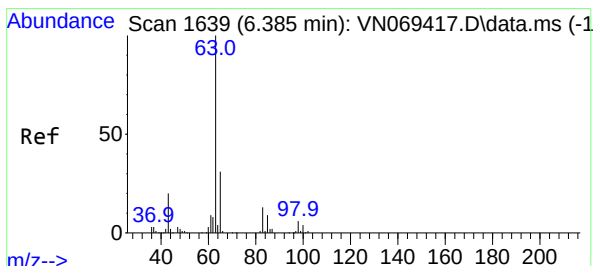
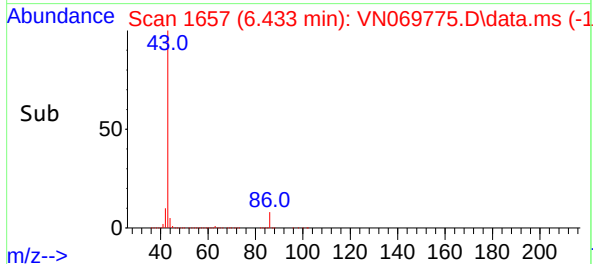
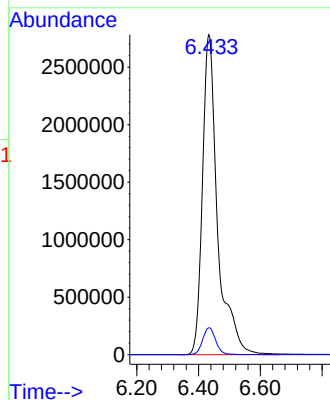
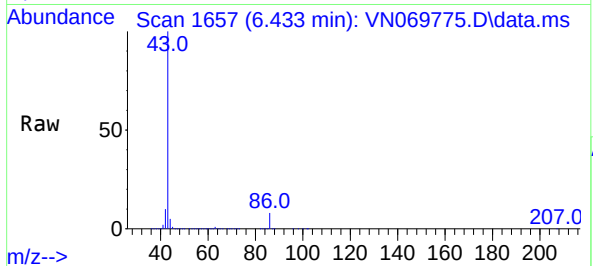
86 8.4 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#24

1,1-Dichloroethane

Concen: 52.400 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN069775.D

Acq: 4 Dec 2021 19:21

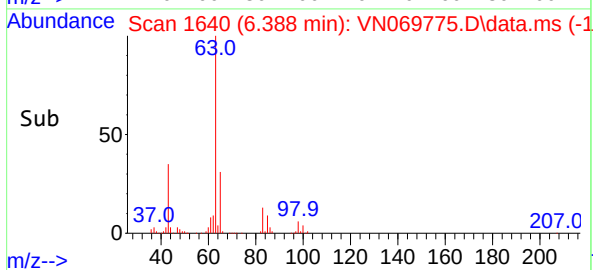
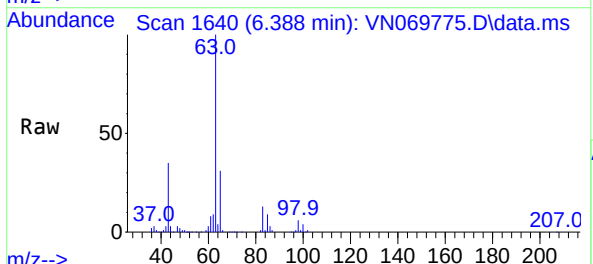
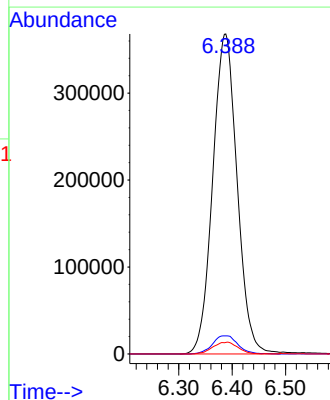
Tgt Ion: 63 Resp: 1168087

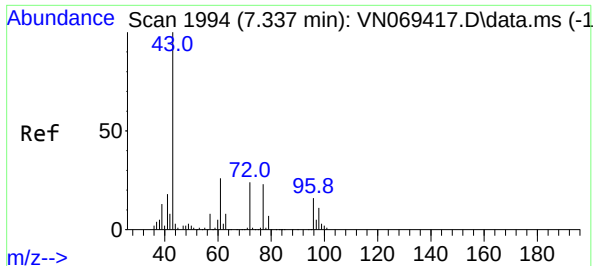
Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.9

100 3.6 2.1 6.5





#25

2-Butanone

Concen: 226.561 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069775.D

Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 293273

Ion Ratio Lower Upper

43 100

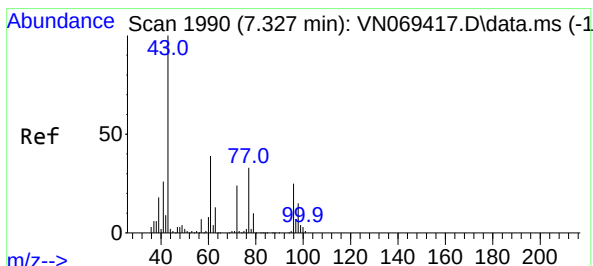
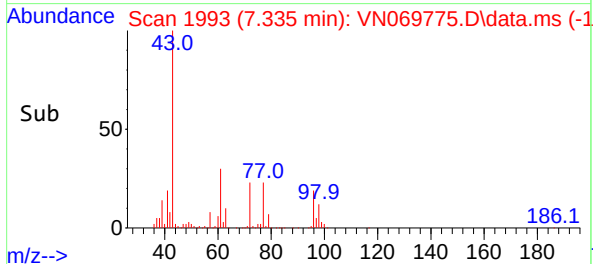
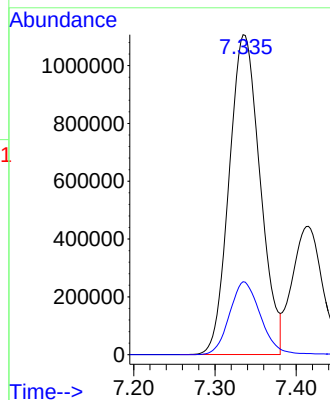
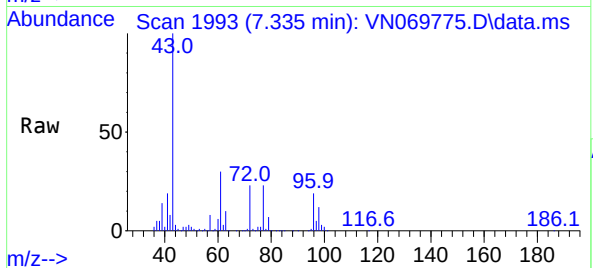
72 22.8 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 48.880 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069775.D

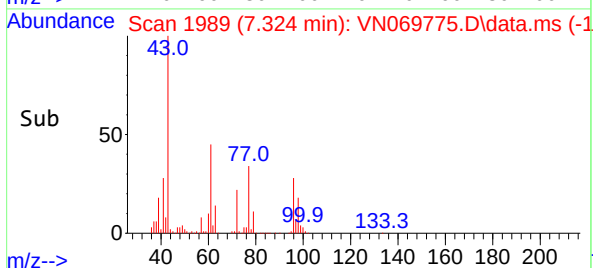
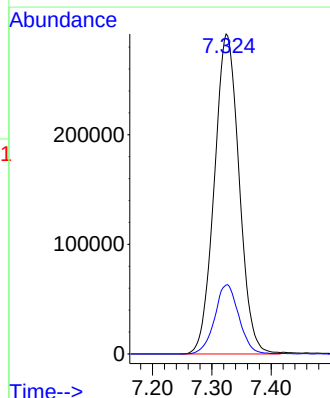
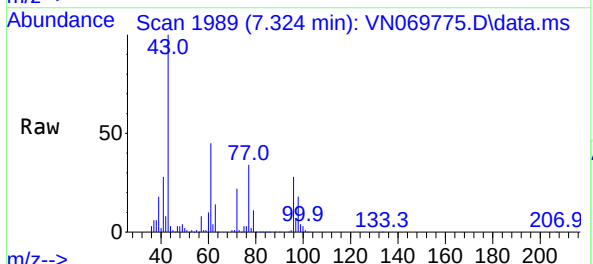
Acq: 4 Dec 2021 19:21

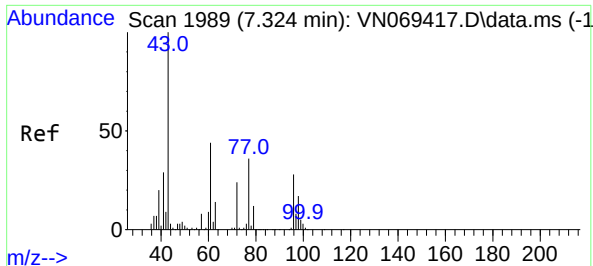
Tgt Ion: 77 Resp: 847201

Ion Ratio Lower Upper

77 100

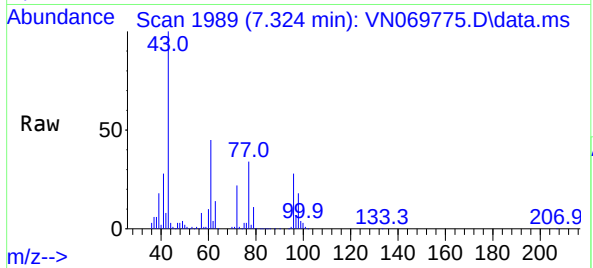
97 21.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 50.924 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

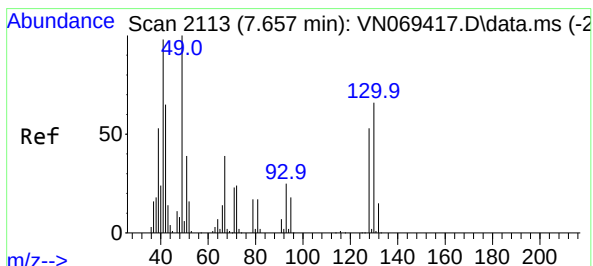
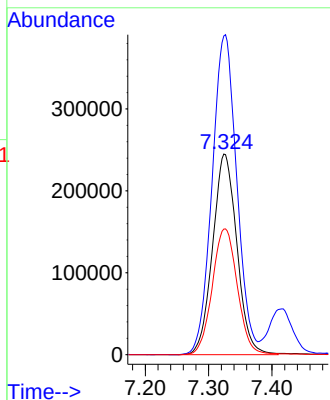
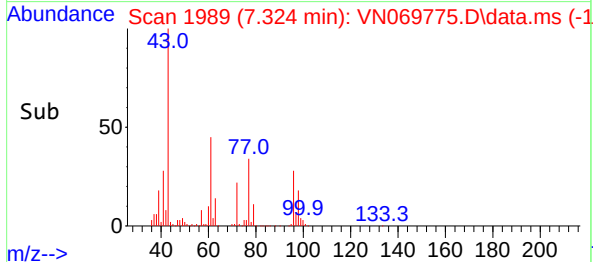
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 65294
Ion Ratio Lower Upper
96 100
61 161.9 0.0 275.0
98 65.0 0.0 129.6

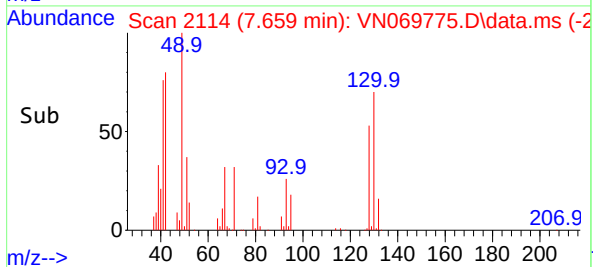
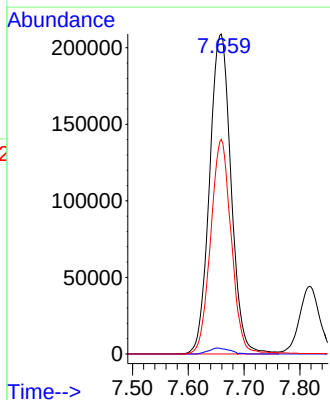
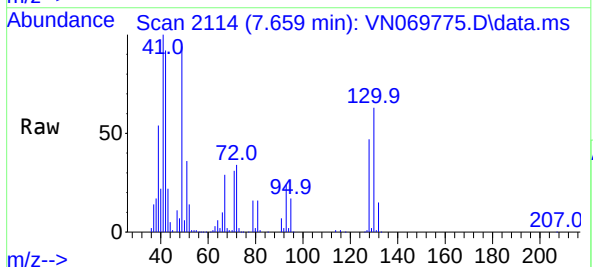
Manual Integrations
APPROVED

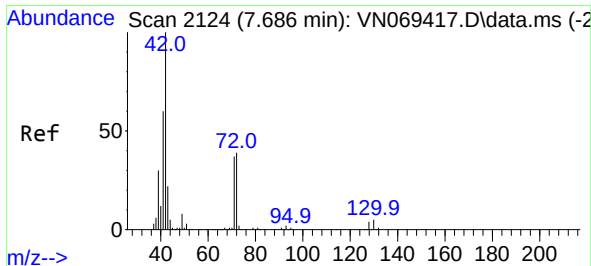
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#28
Bromochloromethane
Concen: 48.281 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Tgt Ion: 49 Resp: 559677
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 63.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 243.760 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069775.D

Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 1916010

Ion Ratio Lower Upper

42 100

72 37.6 36.3 54.5

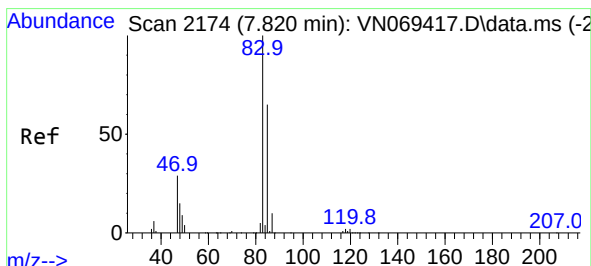
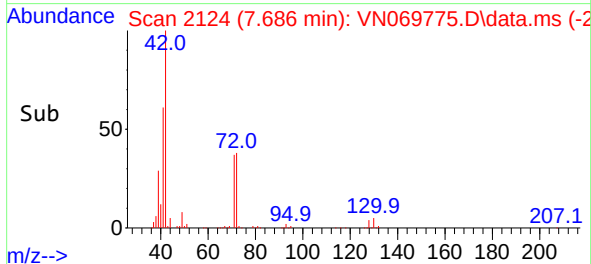
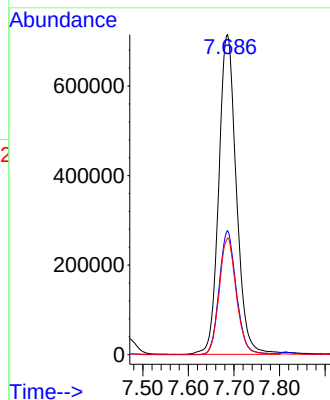
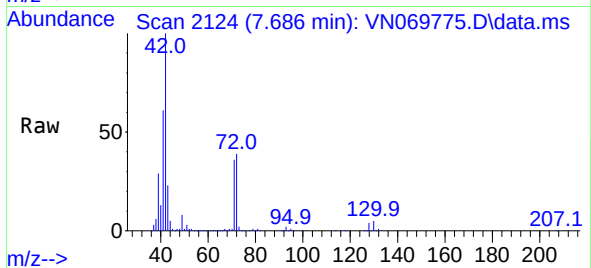
71 35.6 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 52.015 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069775.D

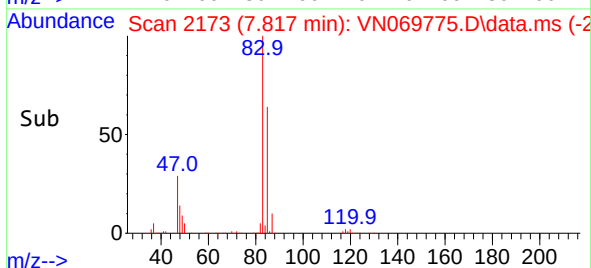
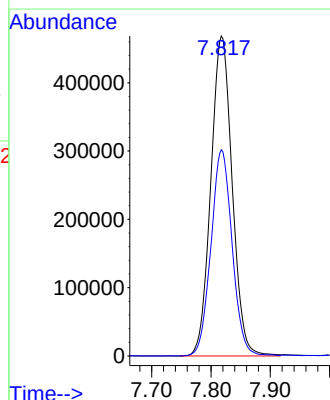
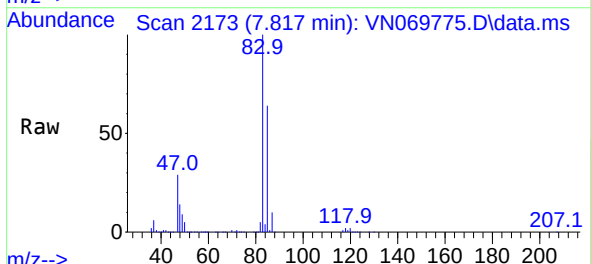
Acq: 4 Dec 2021 19:21

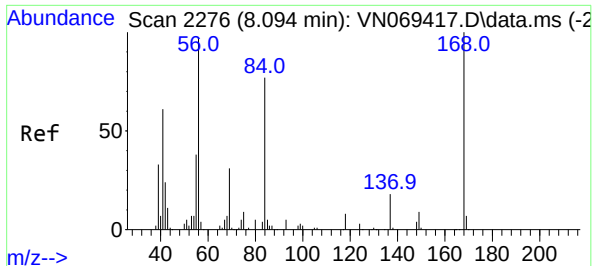
Tgt Ion: 83 Resp: 1171028

Ion Ratio Lower Upper

83 100

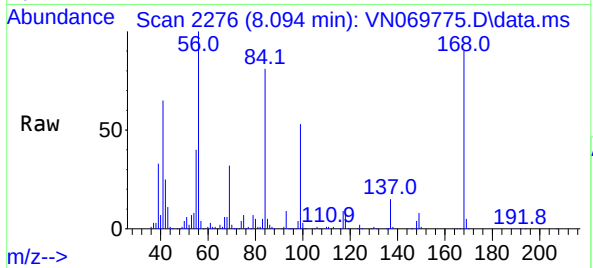
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 50.243 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

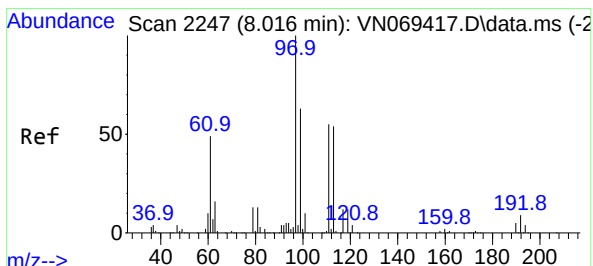
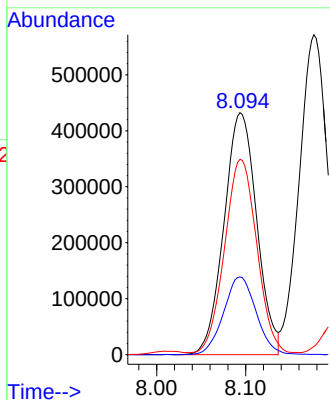
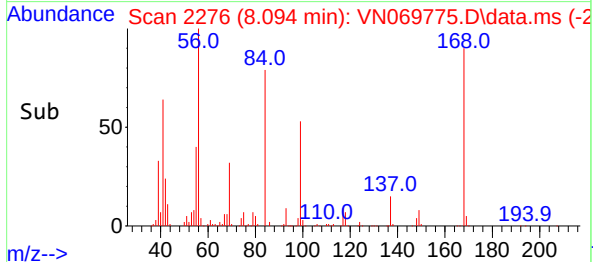
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



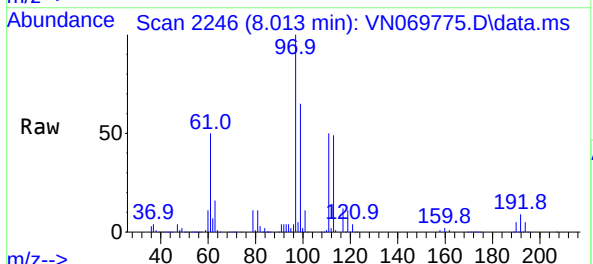
Tgt Ion: 56 Resp: 1107370
Ion Ratio Lower Upper
56 100
69 32.1 27.1 40.7
84 79.5 73.4 110.0

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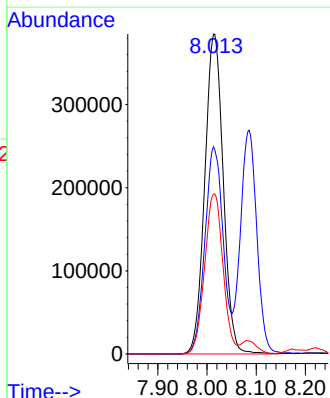
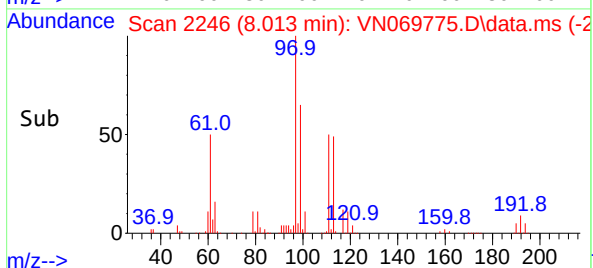
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

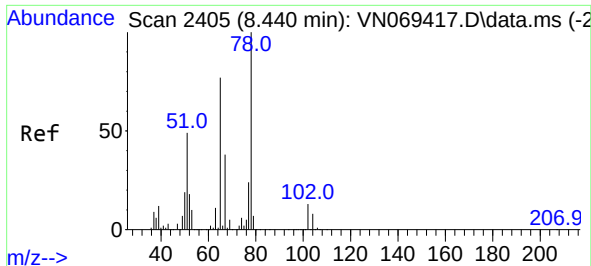


#32
1,1,1-Trichloroethane
Concen: 52.345 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion: 97 Resp: 1003816
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 49.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.218 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VN069775.D

Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 779500

Ion Ratio Lower Upper

65 100

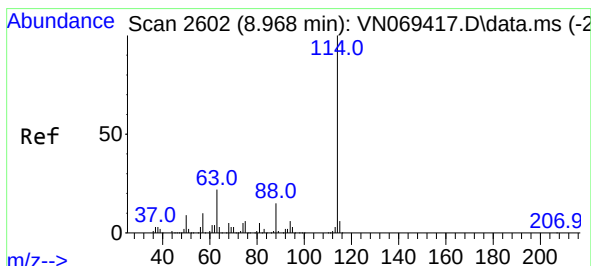
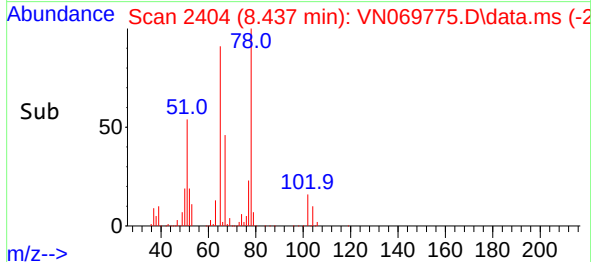
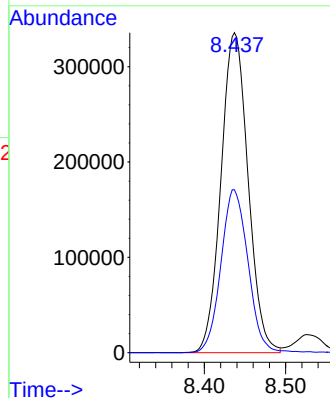
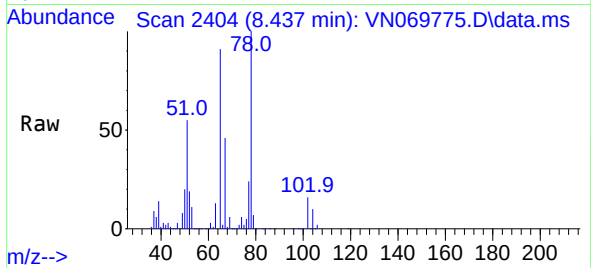
67 50.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/06/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069775.D

Acq: 4 Dec 2021 19:21

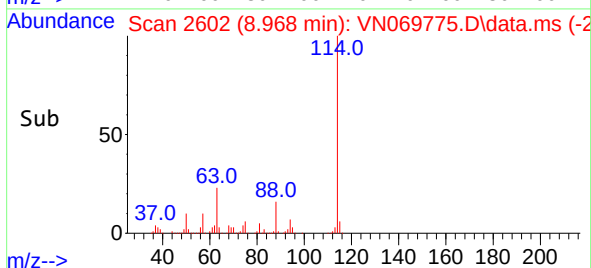
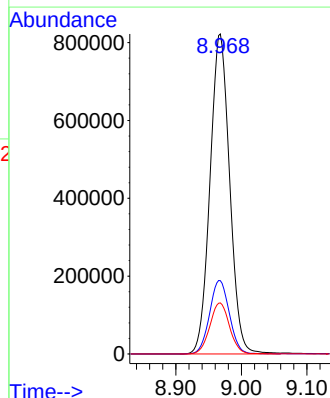
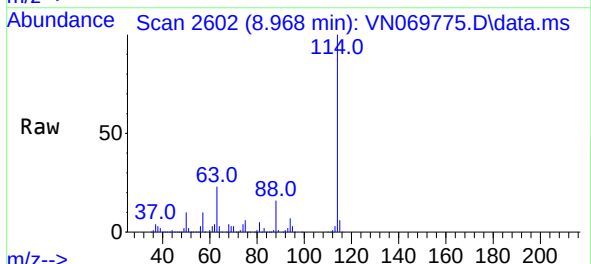
Tgt Ion:114 Resp: 1706393

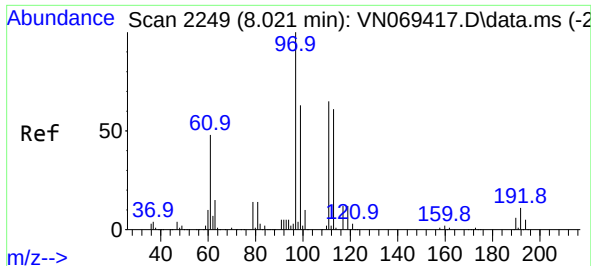
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

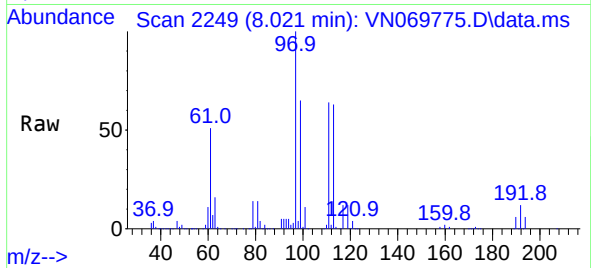
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.159 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

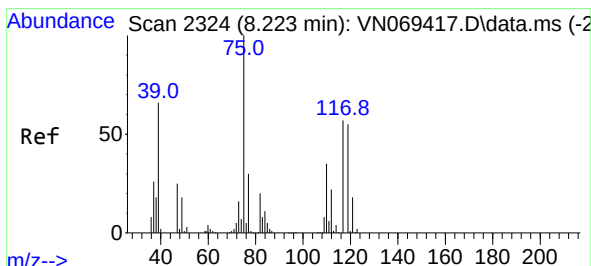
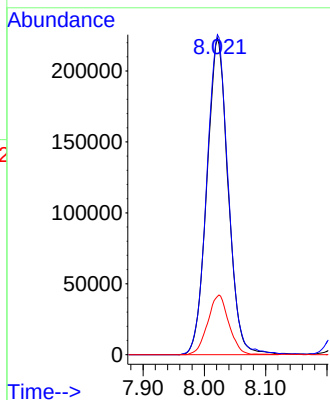
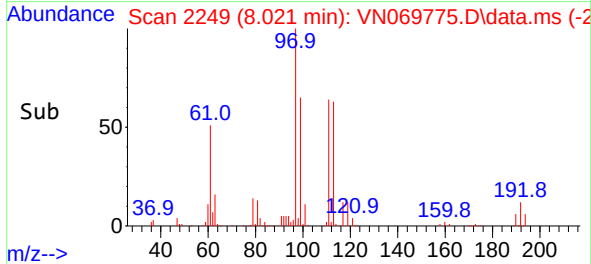
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



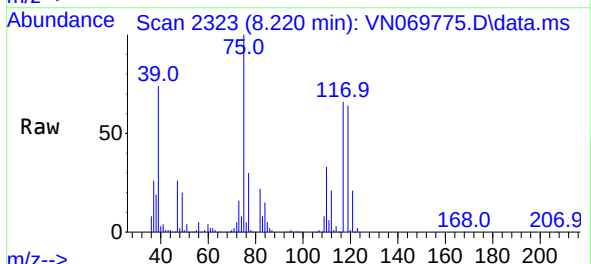
Tgt Ion:113 Resp: 53612
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 18.7 16.9 25.3

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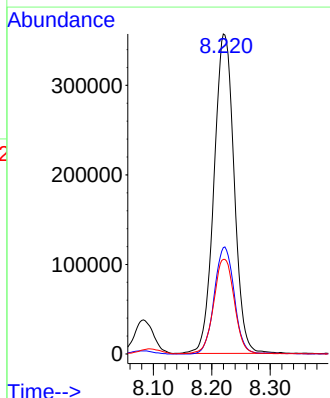
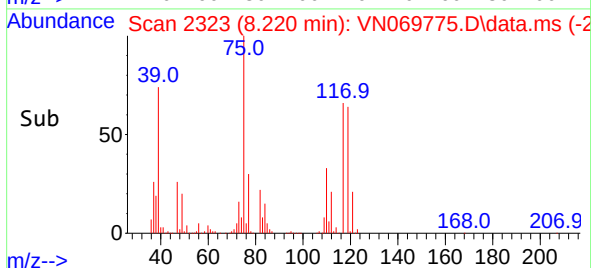
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

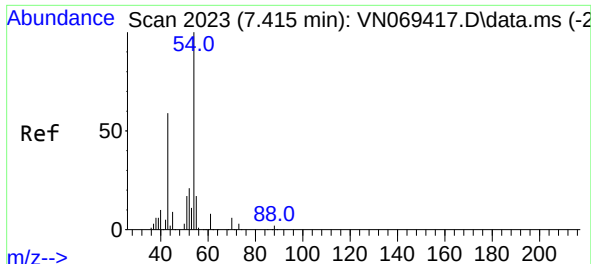


#36
1,1-Dichloropropene
Concen: 52.541 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion: 75 Resp: 853498
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.1 24.4 36.6





#37
Ethyl Acetate
Concen: 48.417 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

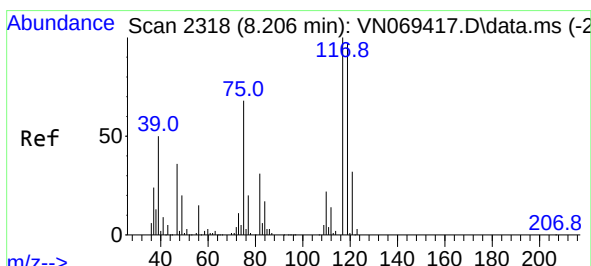
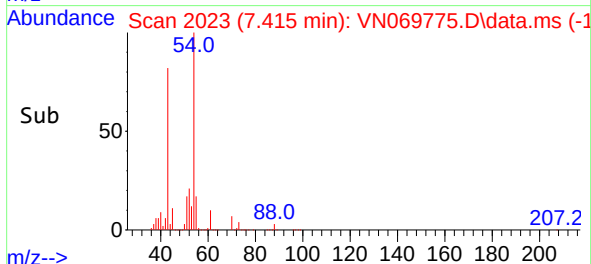
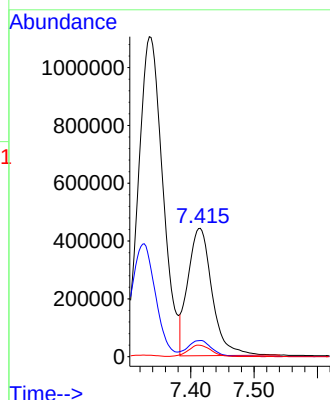
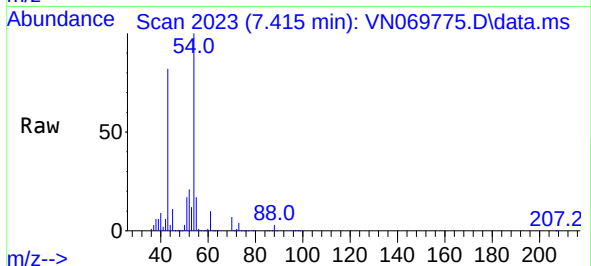
VSTDCCC050EC

Tgt Ion: 43 Resp: 1170604
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 8.6 7.9 11.9

Manual Integrations

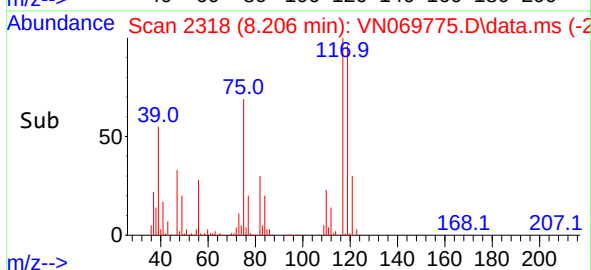
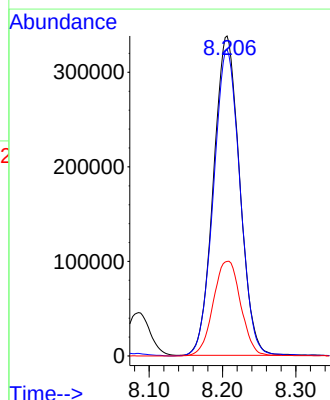
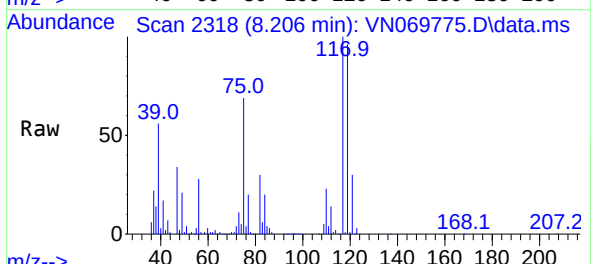
APPROVED

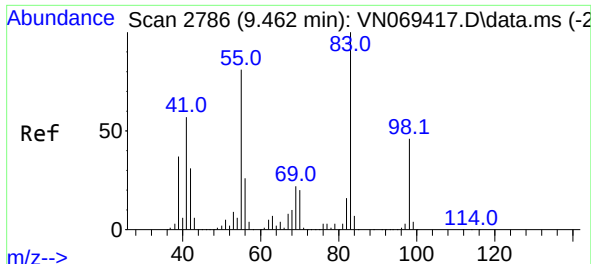
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#38
Carbon Tetrachloride
Concen: 52.478 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

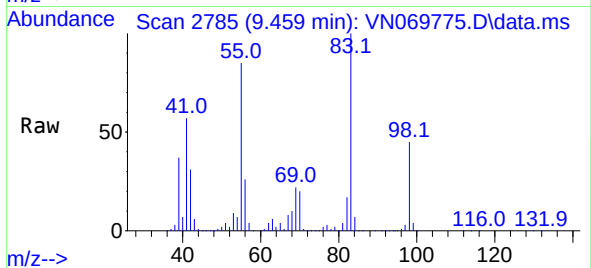
Tgt Ion:117 Resp: 835957
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 29.6 24.2 36.2





#39
Methylcyclohexane
Concen: 52.700 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

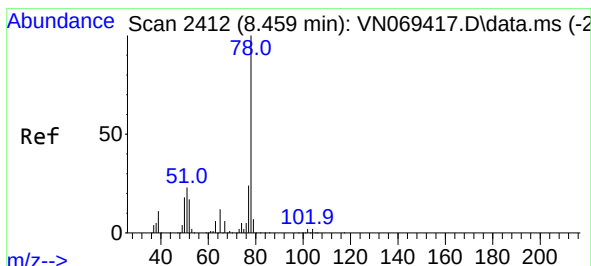
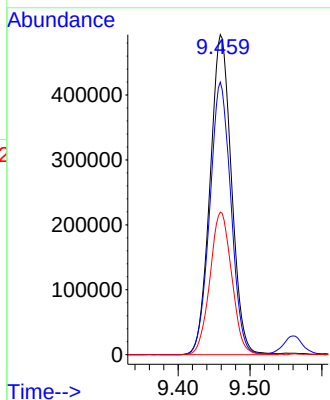
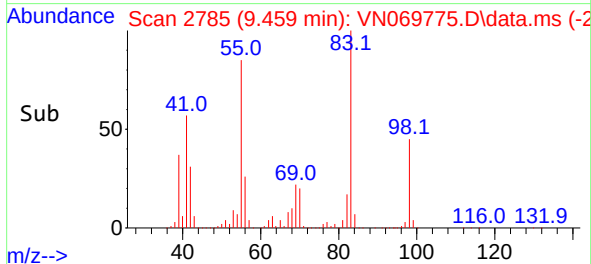
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



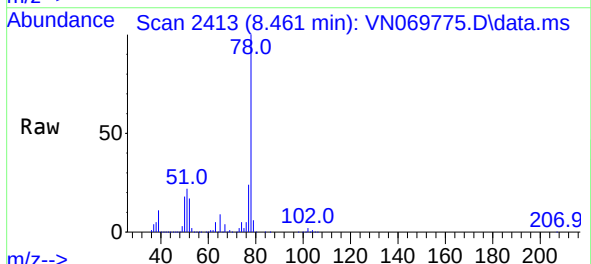
Tgt Ion: 83 Resp: 1018278
Ion Ratio Lower Upper
83 100
55 85.2 58.1 87.1
98 44.6 38.4 57.6

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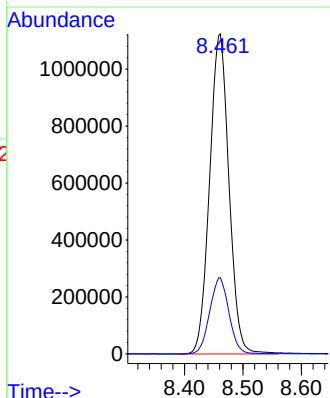
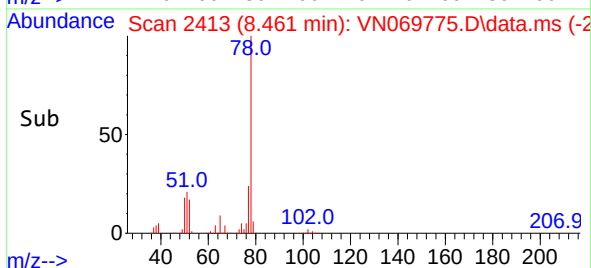
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

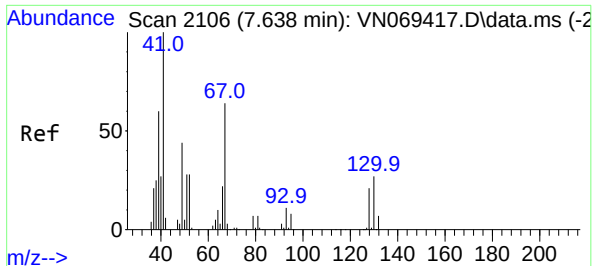


#40
Benzene
Concen: 52.065 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



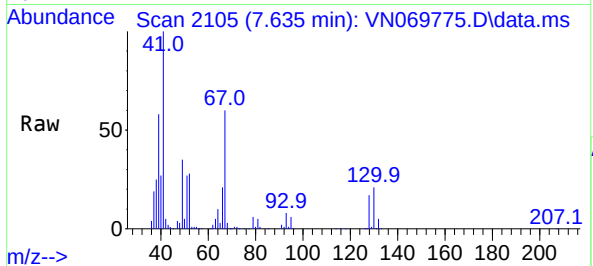
Tgt Ion: 78 Resp: 2585157
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 51.222 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

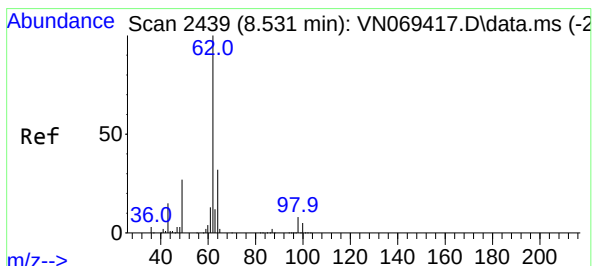
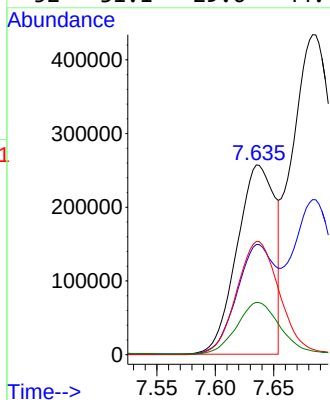
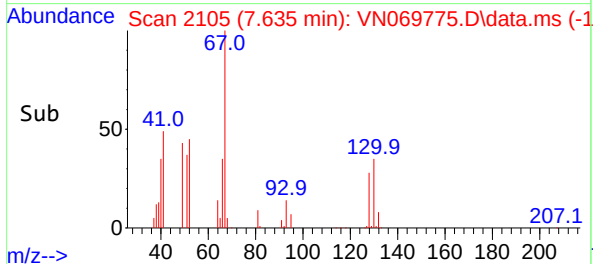
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 581352
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 68.2 68.3 102.5
52 31.1 29.6 44.4

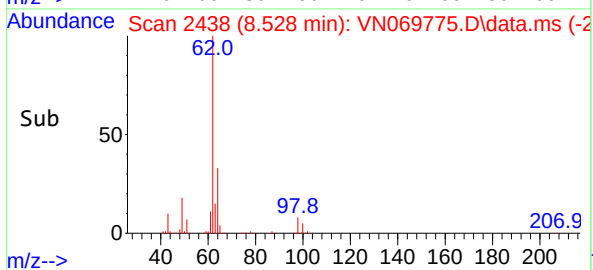
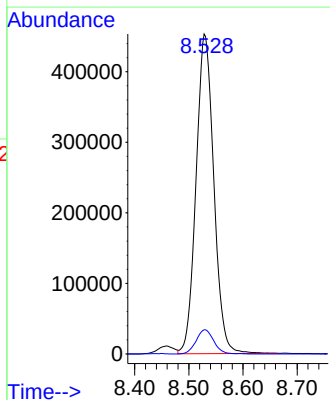
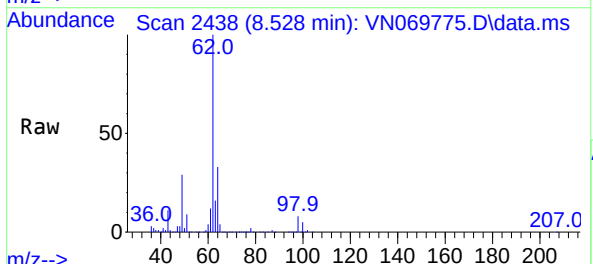
Manual Integrations
APPROVED

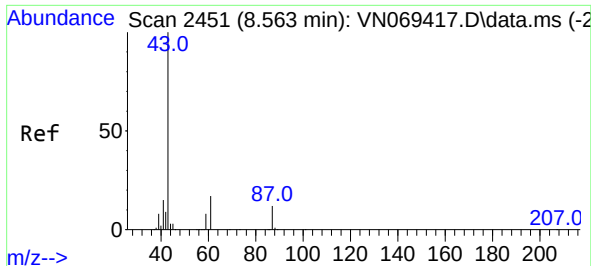
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 51.500 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

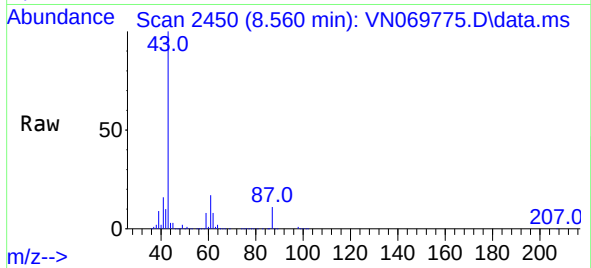
Tgt Ion: 62 Resp: 1032243
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 51.116 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

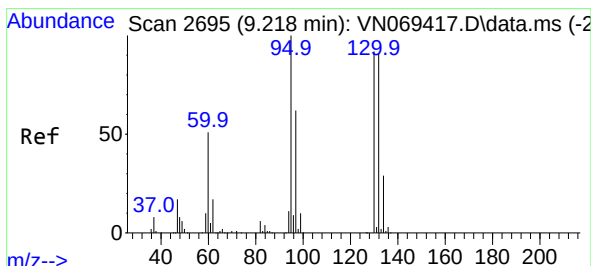
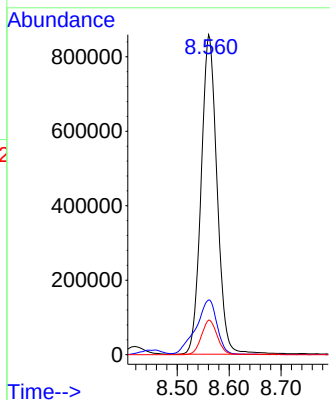
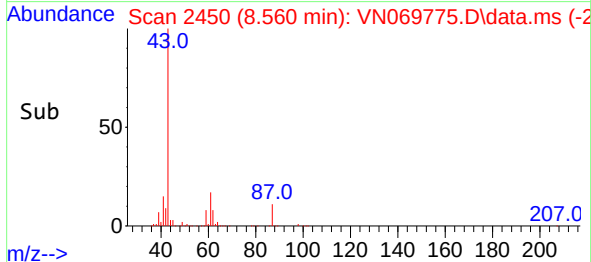
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1828870
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 10.8 11.2 16.8

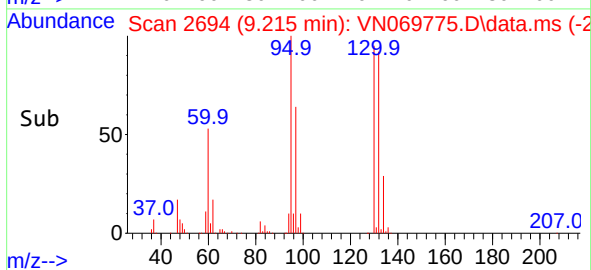
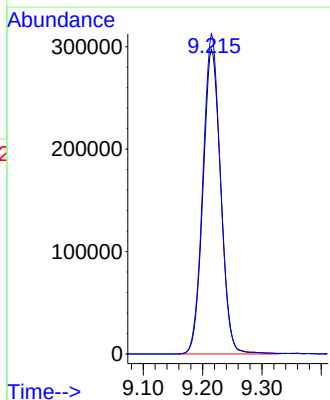
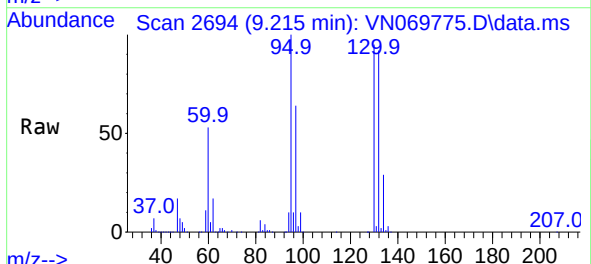
Manual Integrations
APPROVED

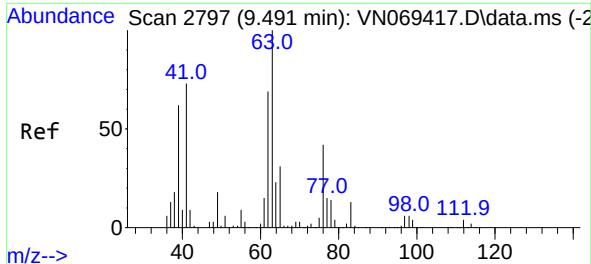
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 52.253 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Tgt Ion:130 Resp: 619253
Ion Ratio Lower Upper
130 100
95 105.1 0.0 191.2





#45
1,2-Dichloropropane
Concen: 52.825 ug/l
RT: 9.488 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

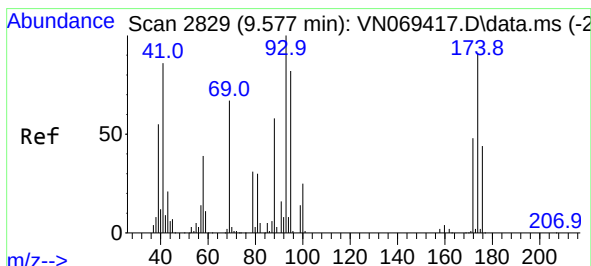
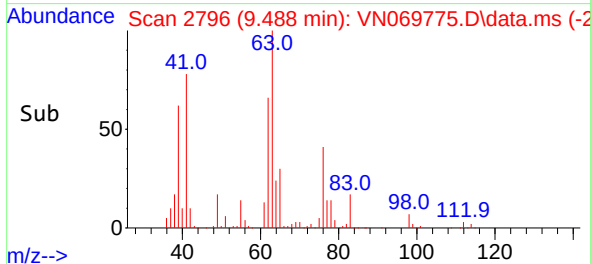
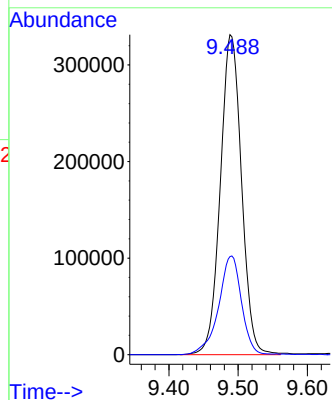
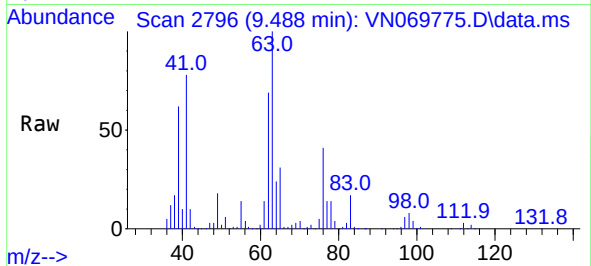
VSTDCCC050EC

Tgt Ion: 63 Resp: 704344
Ion Ratio Lower Upper
63 100
65 30.6 24.7 37.1

Manual Integrations

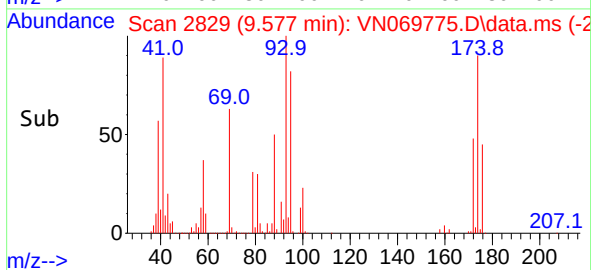
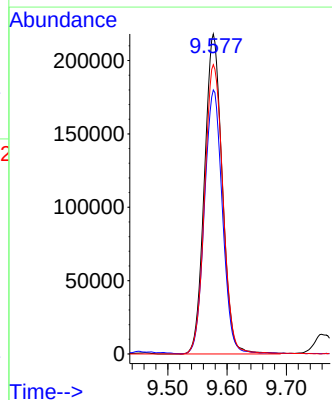
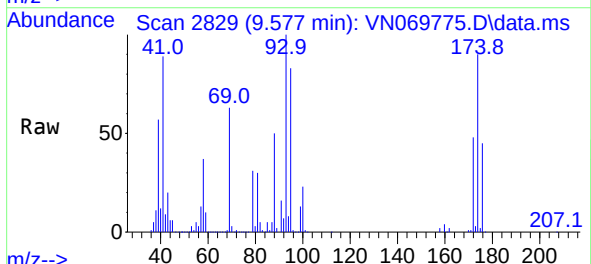
APPROVED

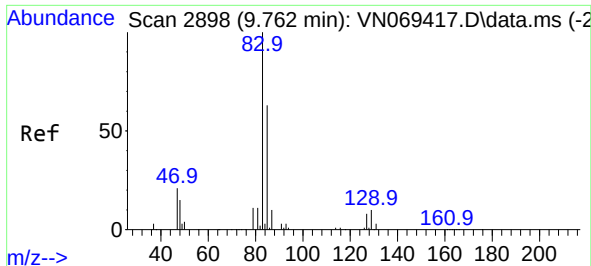
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#46
Dibromomethane
Concen: 51.866 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Tgt Ion: 93 Resp: 453547
Ion Ratio Lower Upper
93 100
95 83.1 65.9 98.9
174 92.9 84.6 127.0





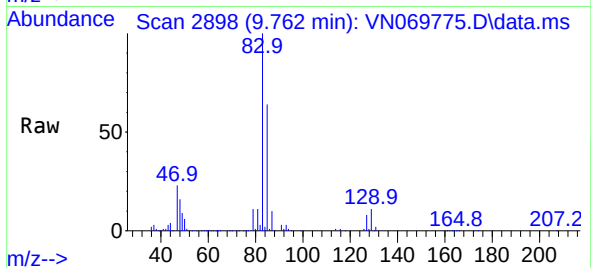
#47
Bromodichloromethane
Concen: 54.080 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

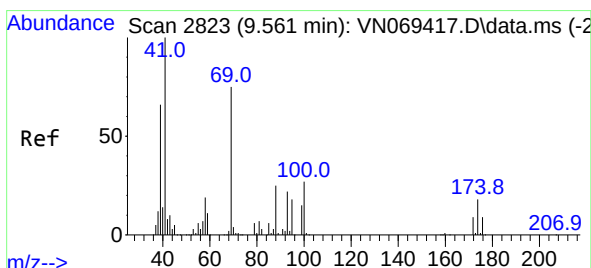
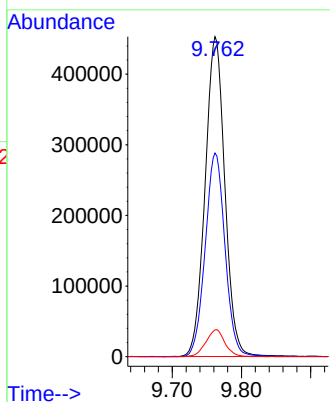
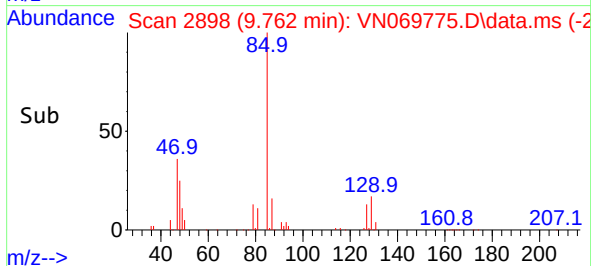


Tgt Ion: 83 Resp: 895374
Ion Ratio Lower Upper
83 100
85 63.7 50.9 76.3
127 8.4 7.1 10.7

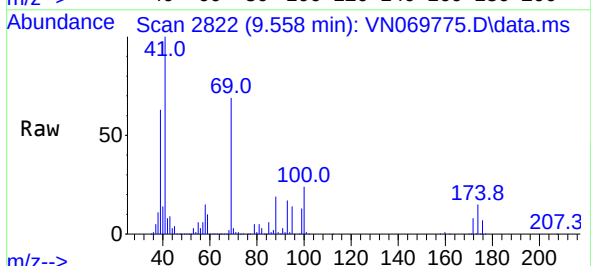
Manual Integrations

APPROVED

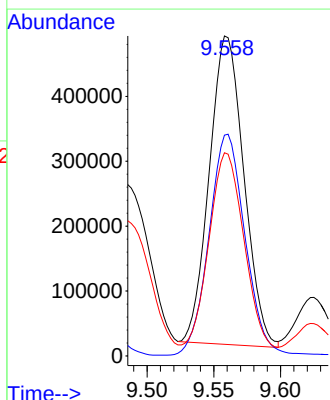
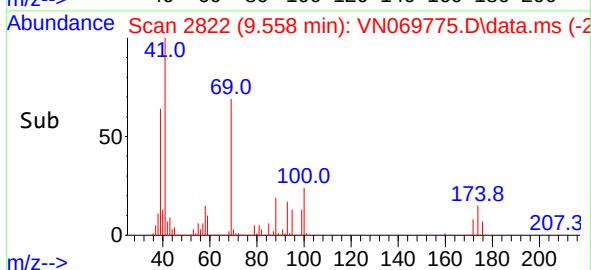
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

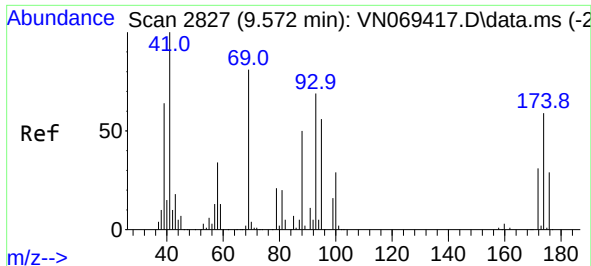


#48
Methyl methacrylate
Concen: 51.336 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



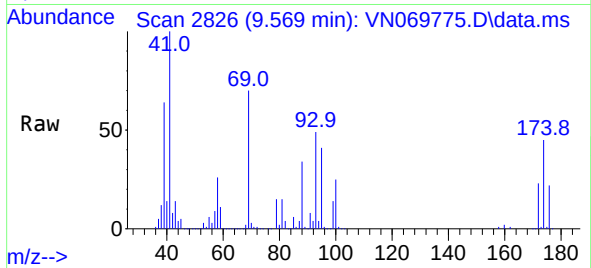
Tgt Ion: 41 Resp: 857162
Ion Ratio Lower Upper
41 100
69 75.3 72.4 108.6
39 63.3 58.4 87.6





#49
1,4-Dioxane
Concen: 917.942 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

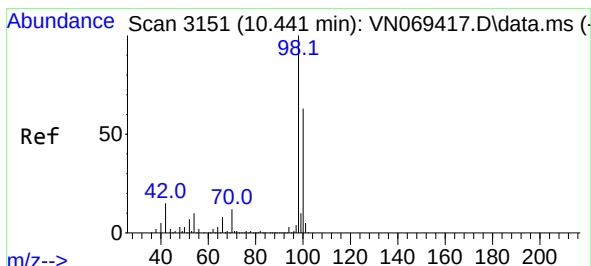
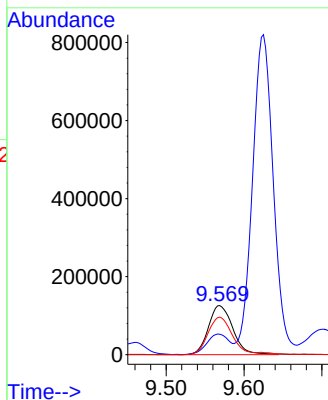
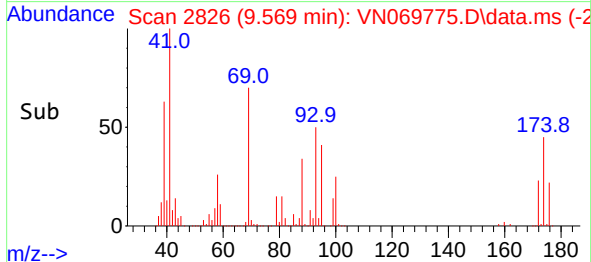
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 275014
Ion Ratio Lower Upper
88 100
43 38.5 23.4 35.2
58 75.0 50.6 75.8

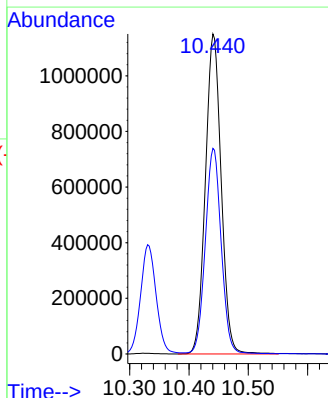
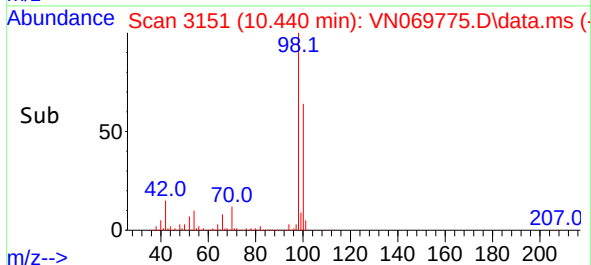
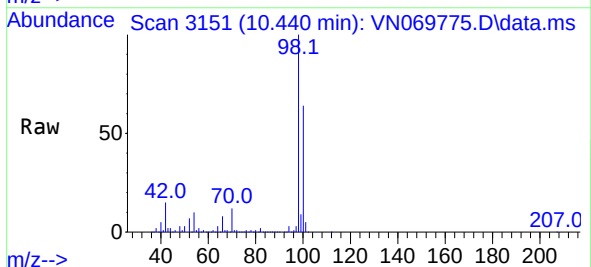
Manual Integrations
APPROVED

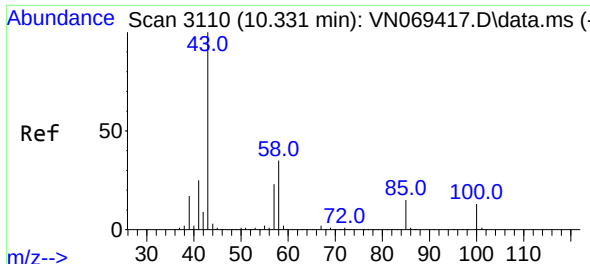
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 49.369 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

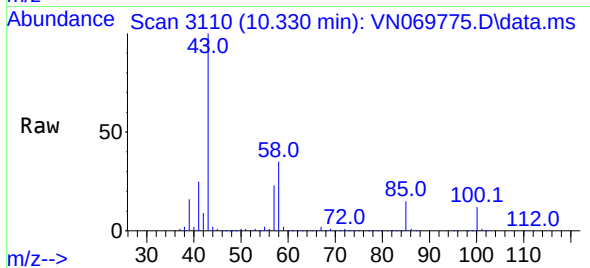
Tgt Ion: 98 Resp: 2118821
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 258.321 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

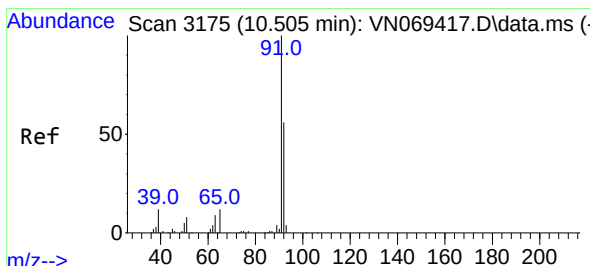
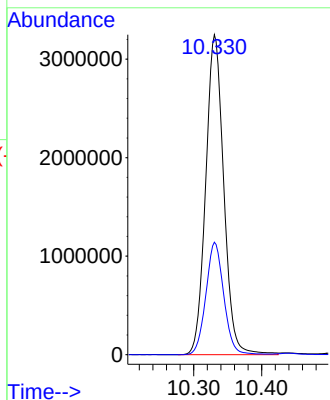
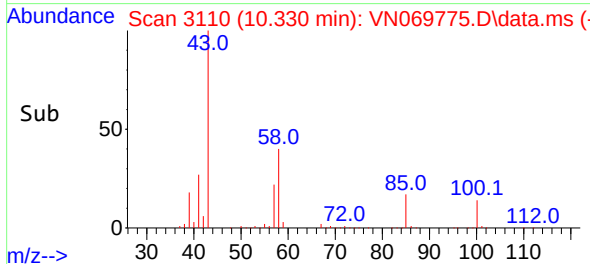
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



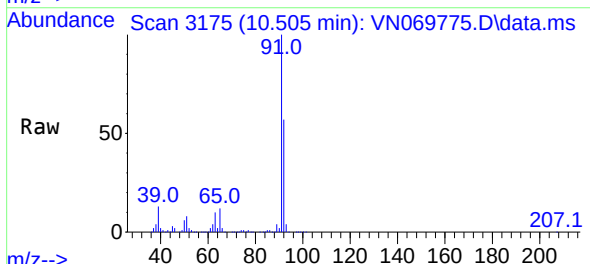
Tgt Ion: 43 Resp: 599583
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

Manual Integrations
APPROVED

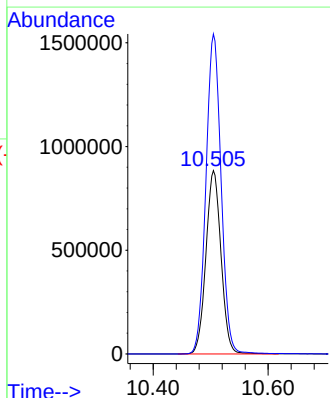
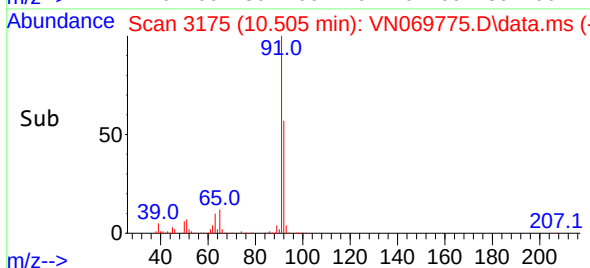
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

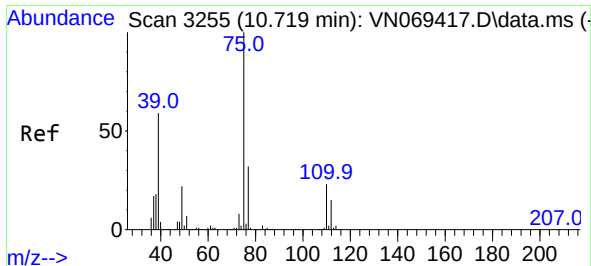


#52
Toluene
Concen: 53.071 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



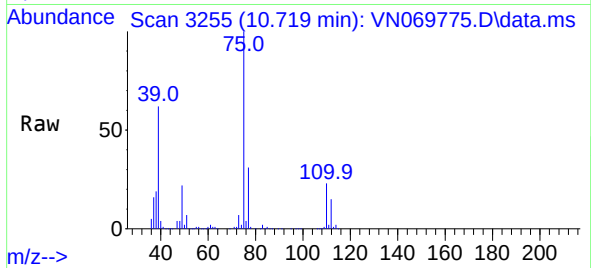
Tgt Ion: 92 Resp: 1608785
Ion Ratio Lower Upper
92 100
91 175.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.968 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

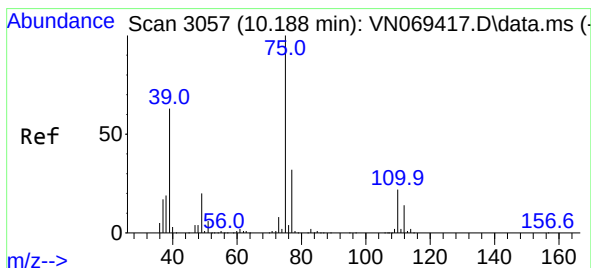
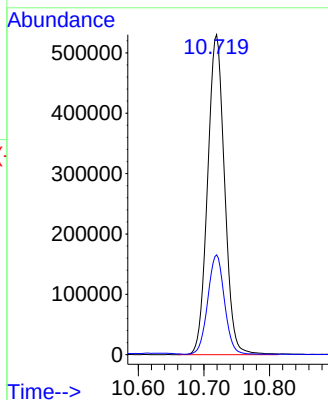
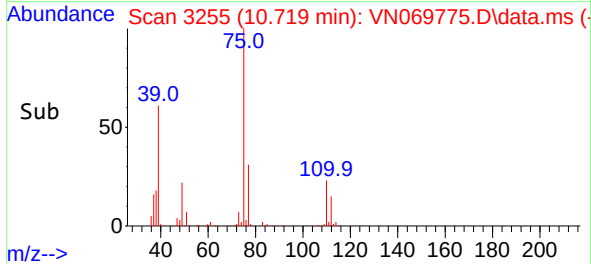
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



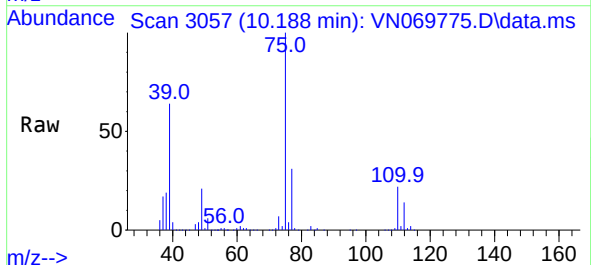
Tgt Ion: 75 Resp: 95294
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

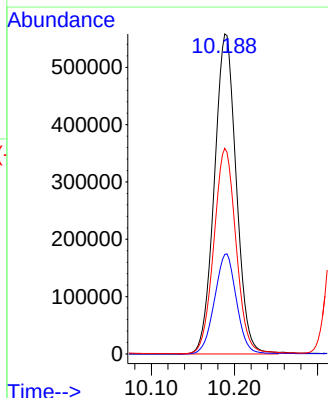
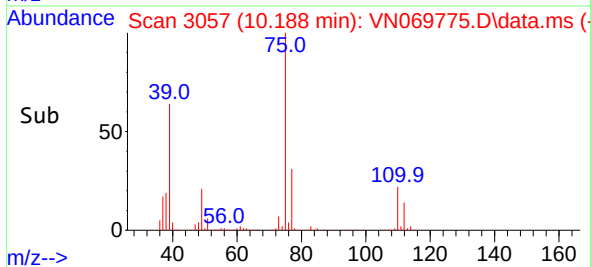
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

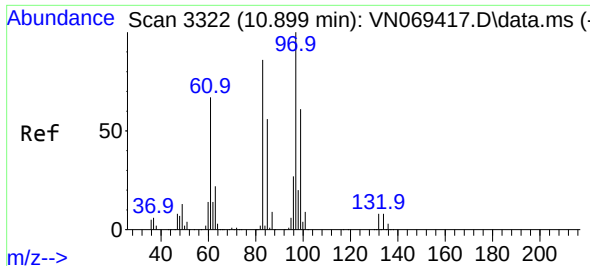


#54
cis-1,3-Dichloropropene
Concen: 49.014 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



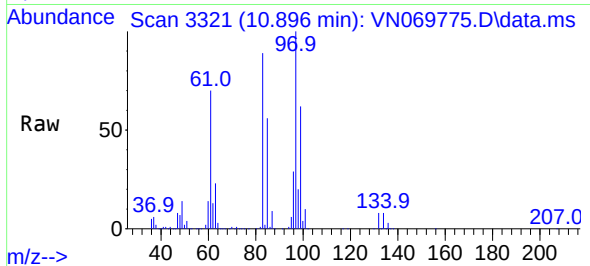
Tgt Ion: 75 Resp: 1023644
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6
39 64.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 52.392 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

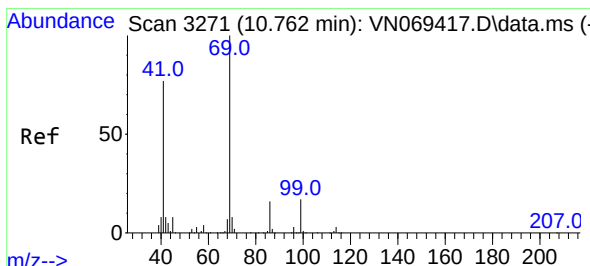
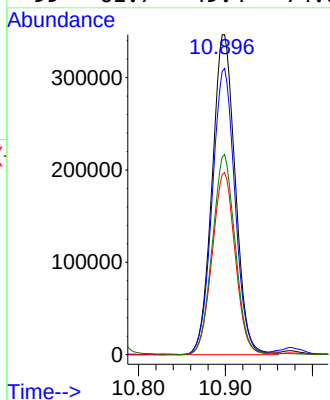
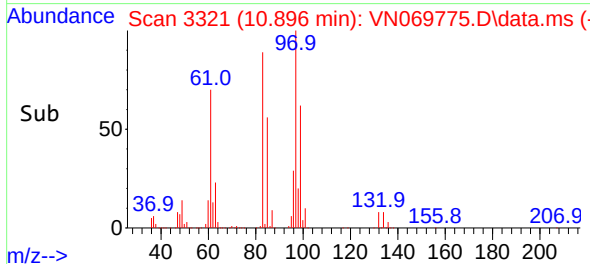
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



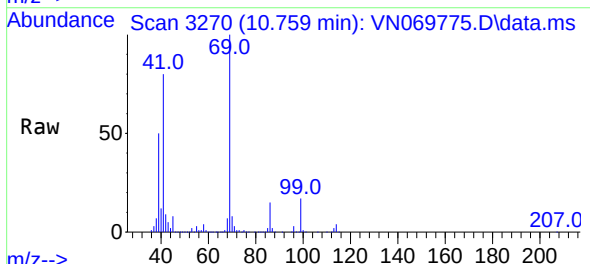
Tgt Ion: 97 Resp: 640800
Ion Ratio Lower Upper
97 100
83 88.6 67.8 101.6
85 56.3 45.4 68.2
99 61.7 49.4 74.0

Manual Integrations
APPROVED

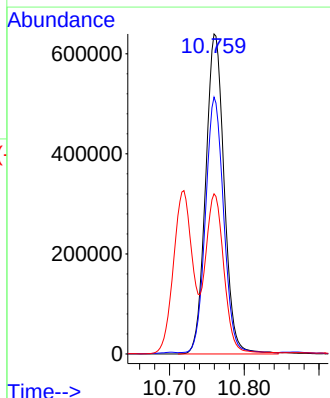
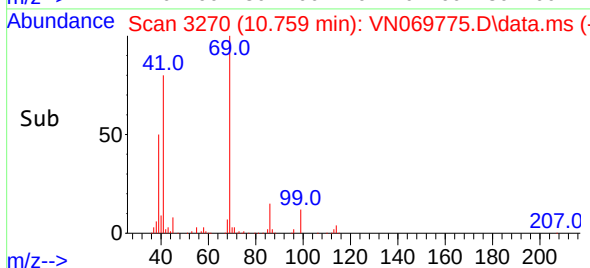
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

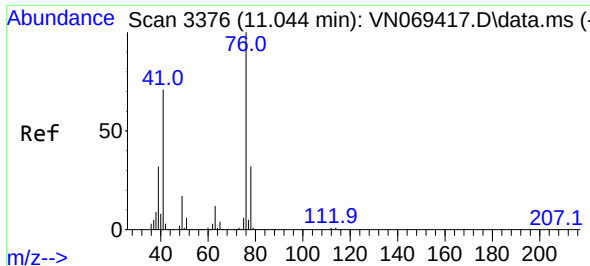


#56
Ethyl methacrylate
Concen: 47.815 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



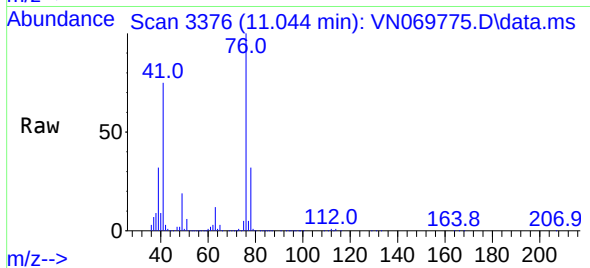
Tgt Ion: 69 Resp: 1101054
Ion Ratio Lower Upper
69 100
41 78.2 51.4 77.0#
39 48.4 34.6 52.0





#57
1,3-Dichloropropane
Concen: 52.698 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

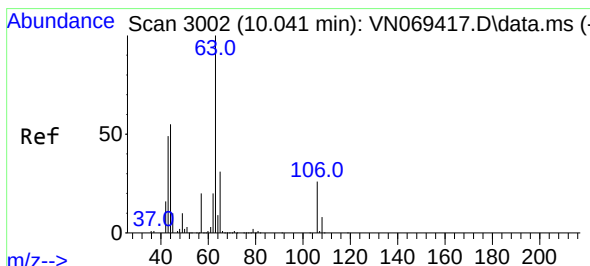
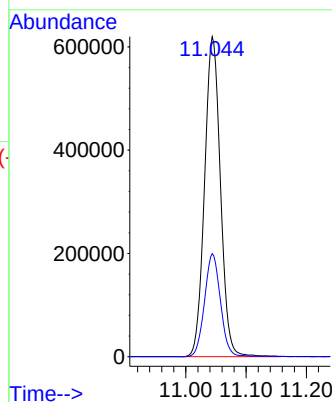
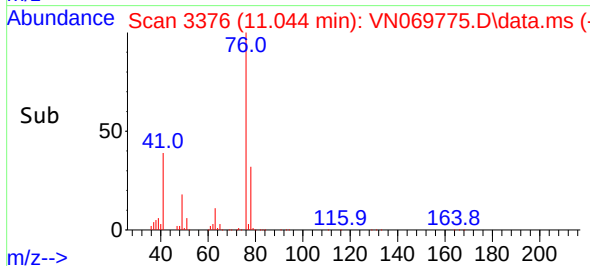
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



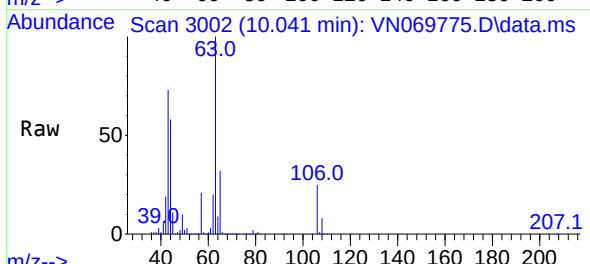
Tgt Ion: 76 Resp: 1134919
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
APPROVED

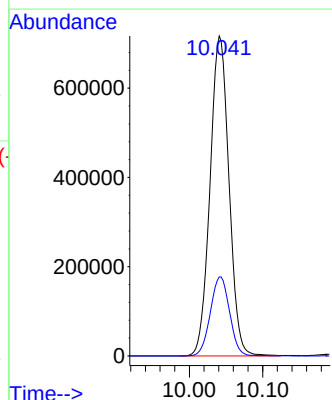
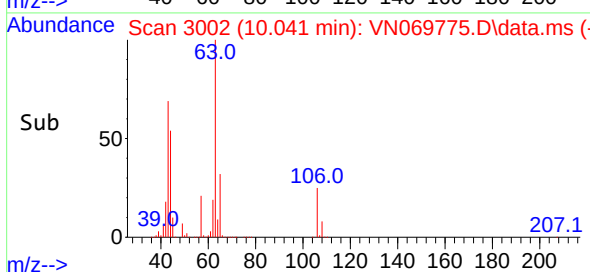
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

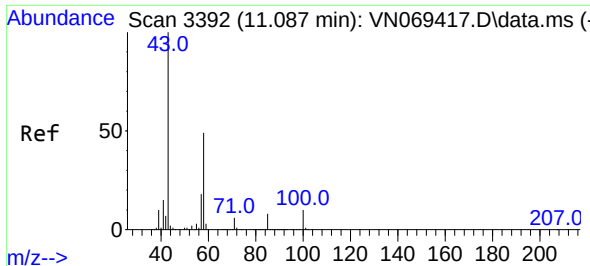


#58
2-Chloroethyl Vinyl ether
Concen: 209.946 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



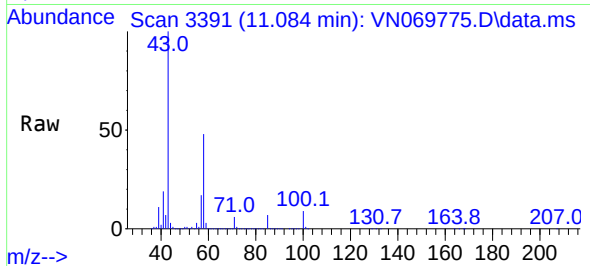
Tgt Ion: 63 Resp: 1288595
Ion Ratio Lower Upper
63 100
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 245.250 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

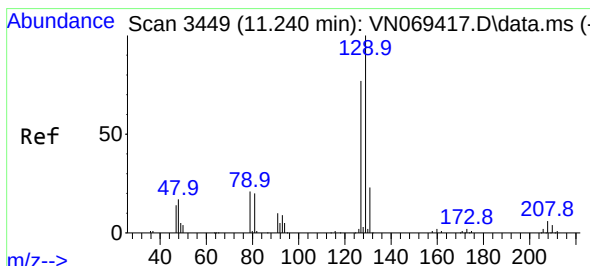
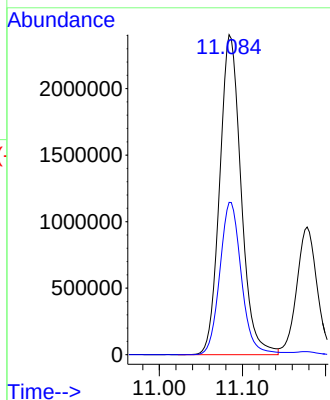
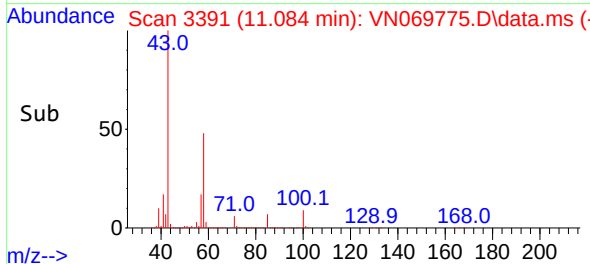
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 430615
Ion Ratio Lower Upper
43 100
58 48.2 26.9 80.7

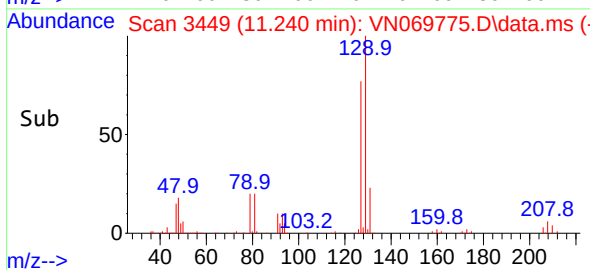
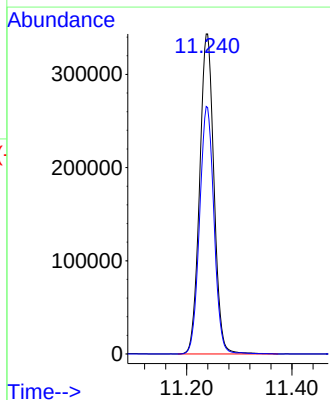
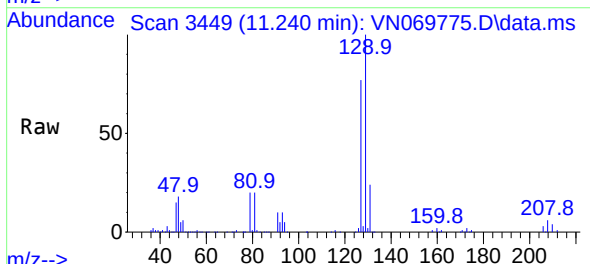
Manual Integrations
APPROVED

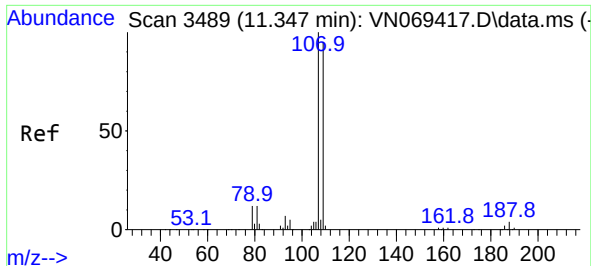
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 49.397 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Tgt Ion:129 Resp: 646946
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.076 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

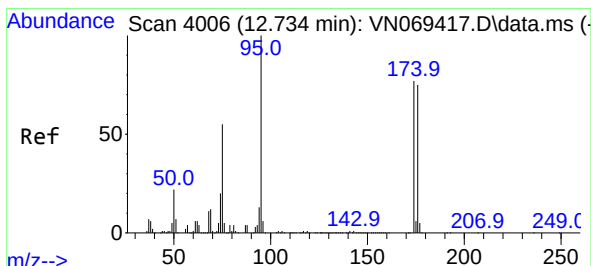
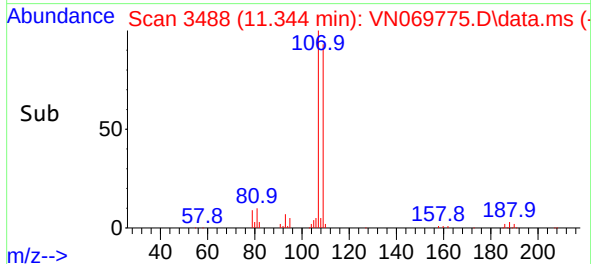
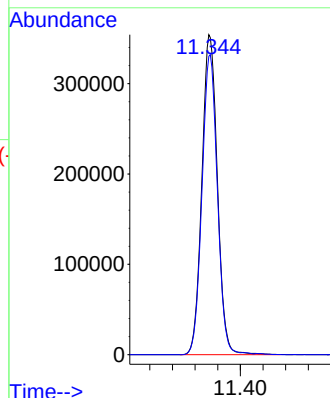
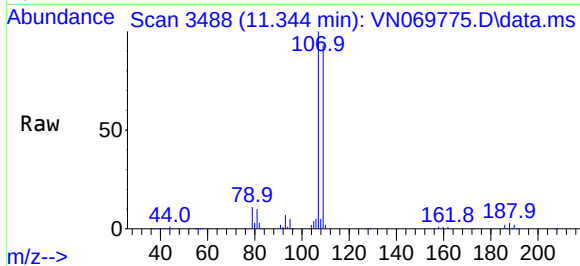
VSTDCCC050EC

Tgt Ion:107 Resp: 67238
Ion Ratio Lower Upper
107 100
109 93.2 75.7 113.5

Manual Integrations

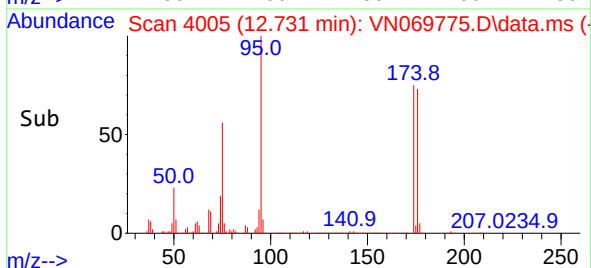
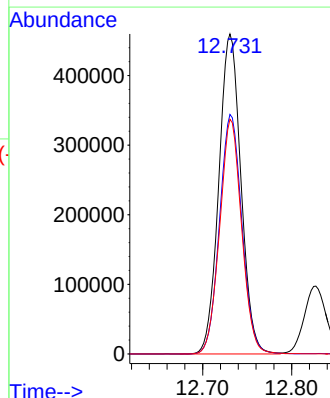
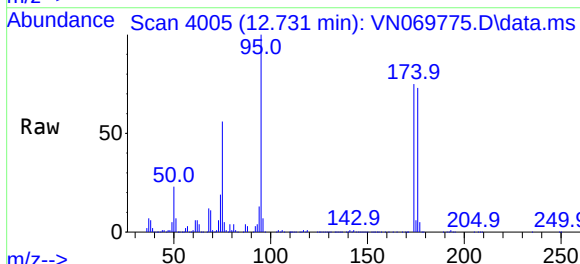
APPROVED

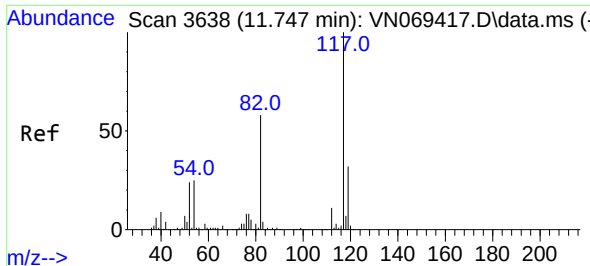
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 51.070 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

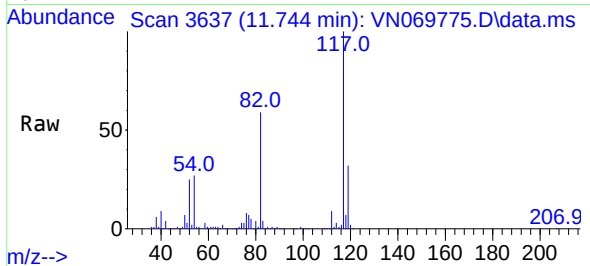
Tgt Ion: 95 Resp: 794047
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 72.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

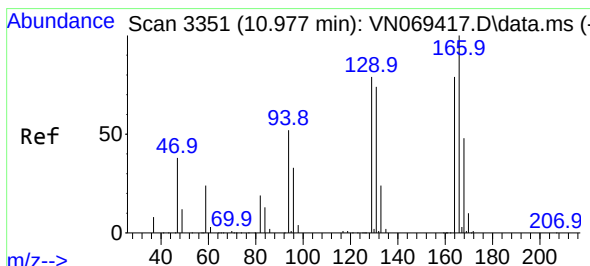
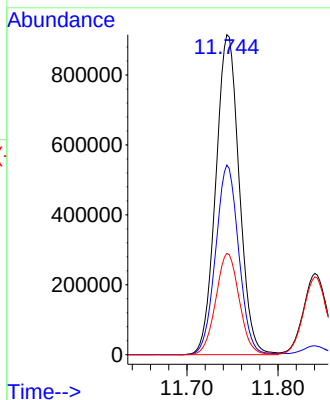
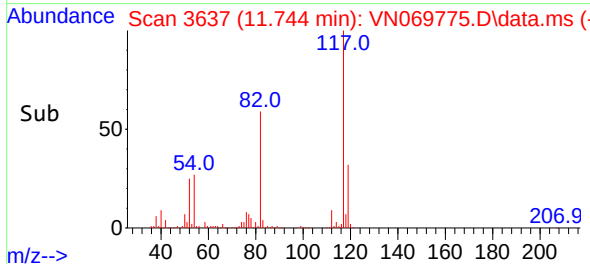
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



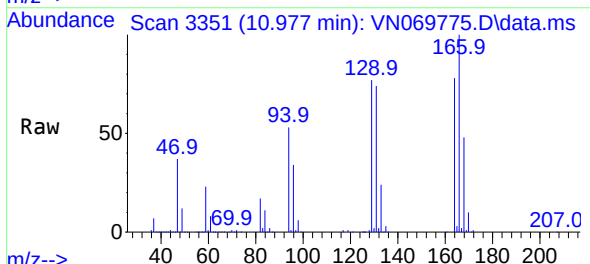
Tgt Ion:117 Resp: 163221
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
APPROVED

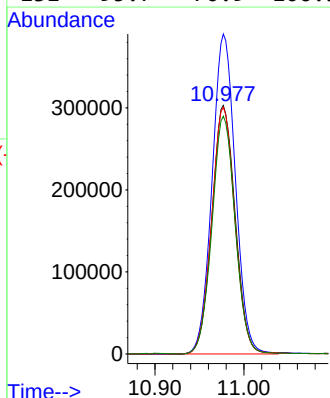
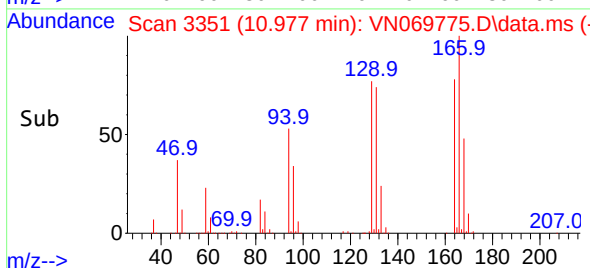
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

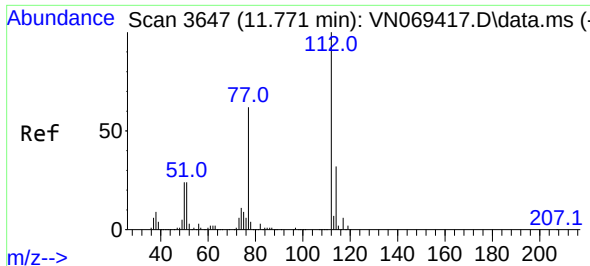


#64
Tetrachloroethene
Concen: 50.024 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion:164 Resp: 553642
Ion Ratio Lower Upper
164 100
166 128.8 101.9 152.9
129 99.3 72.0 108.0
131 95.7 70.9 106.3





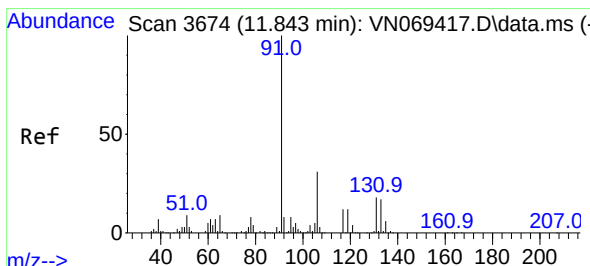
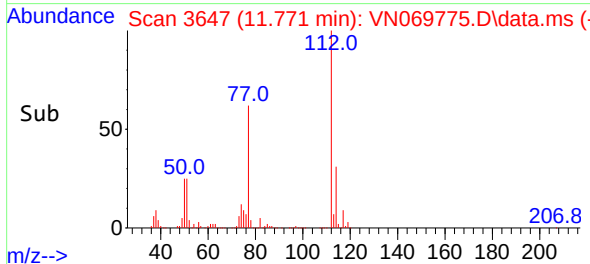
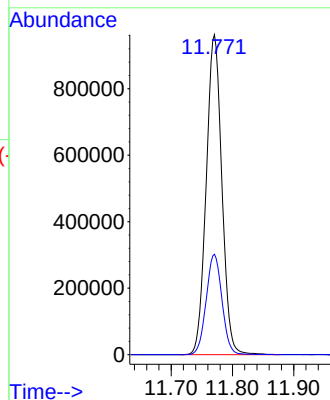
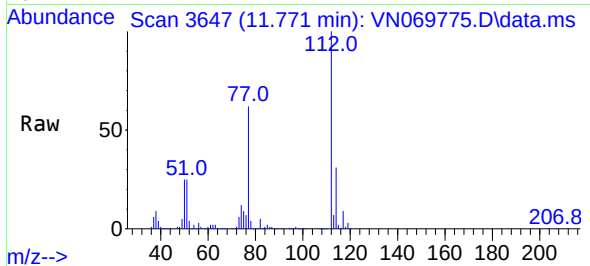
#65
Chlorobenzene
Concen: 51.502 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 1705380
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

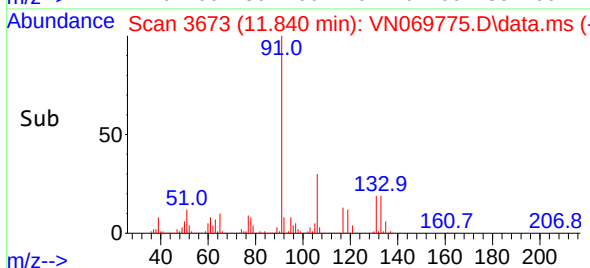
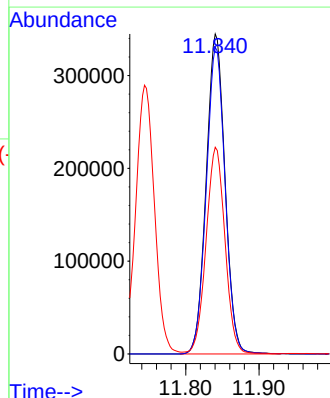
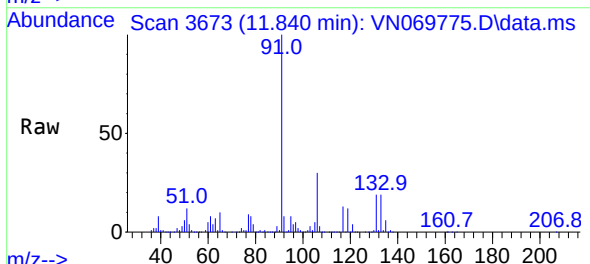
Manual Integrations
APPROVED

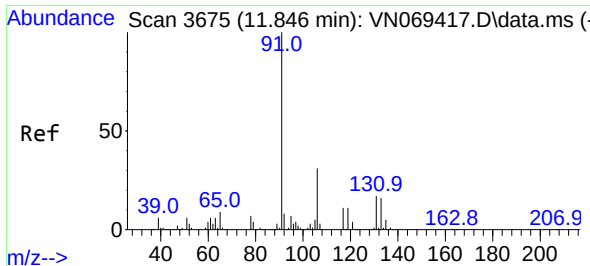
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 52.863 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Tgt Ion:131 Resp: 616104
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 64.8 32.1 96.5





#67
Ethyl Benzene
Concen: 53.084 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

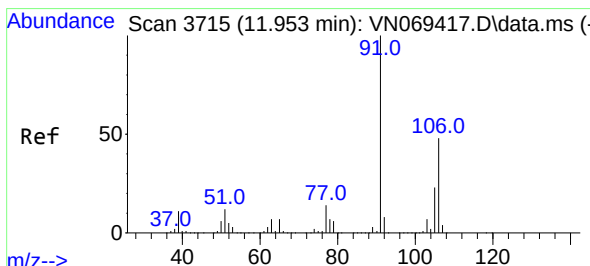
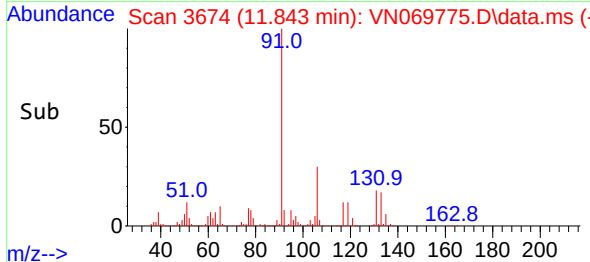
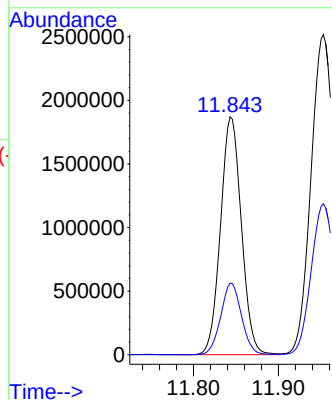
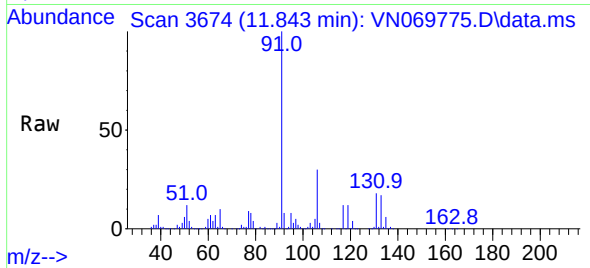
VSTDCCC050EC

Tgt Ion: 91 Resp: 319295
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

Manual Integrations

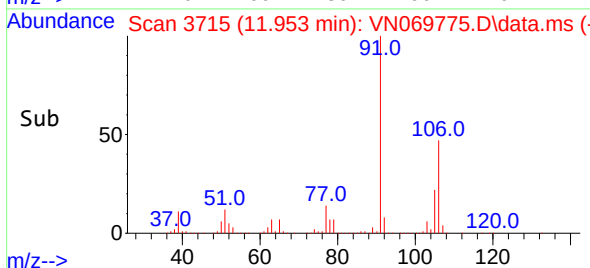
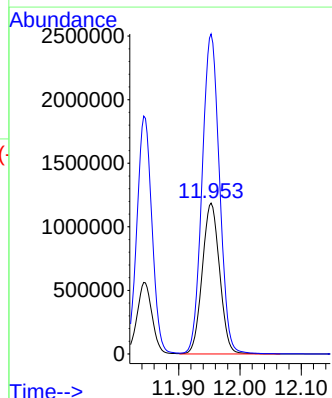
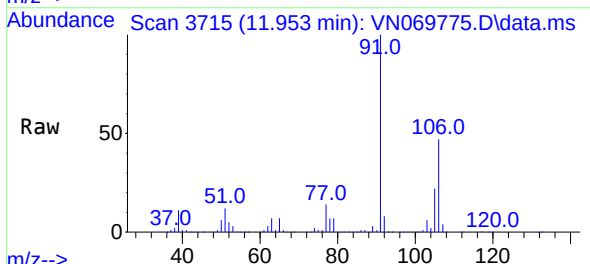
APPROVED

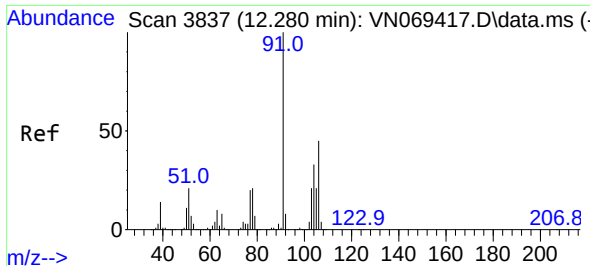
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 106.395 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

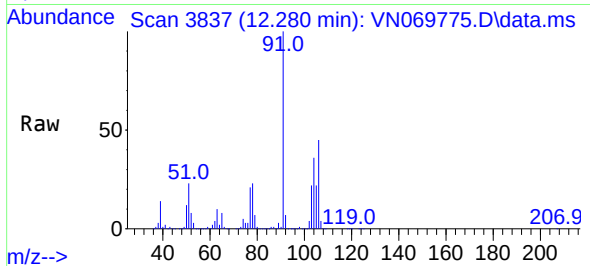
Tgt Ion:106 Resp: 2330128
Ion Ratio Lower Upper
106 100
91 213.0 160.6 240.8





#69
o-Xylene
Concen: 53.248 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

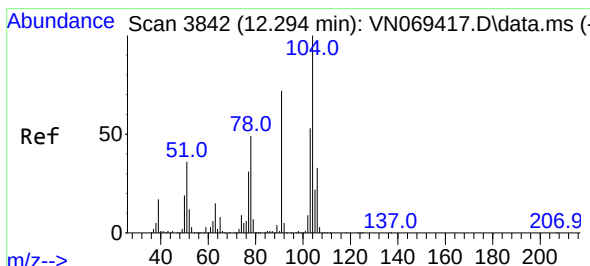
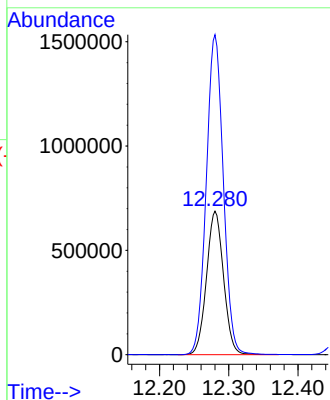
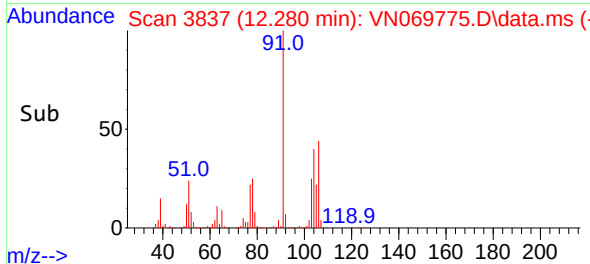
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



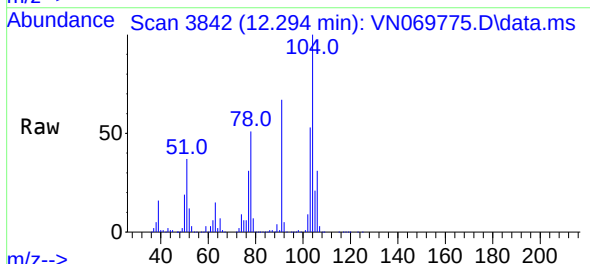
Tgt Ion:106 Resp: 1174649
Ion Ratio Lower Upper
106 100
91 222.7 105.8 317.3

Manual Integrations
APPROVED

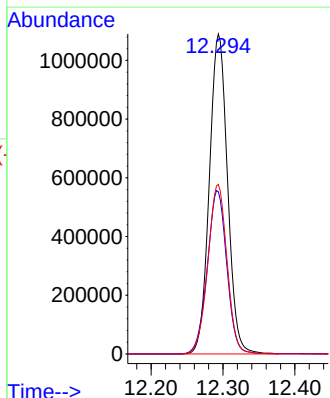
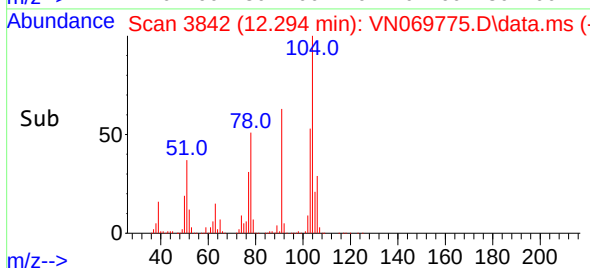
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

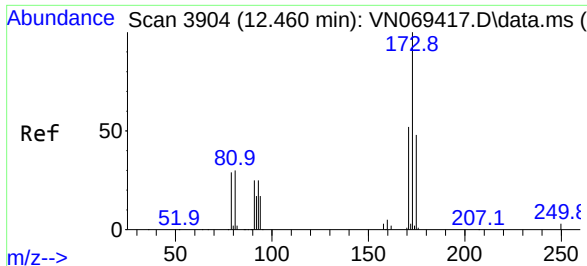


#70
Styrene
Concen: 54.789 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



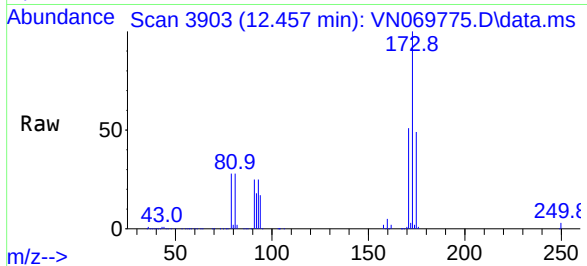
Tgt Ion:104 Resp: 1916531
Ion Ratio Lower Upper
104 100
78 54.8 38.7 58.1
103 56.0 45.0 67.6





#71
Bromoform
Concen: 47.909 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

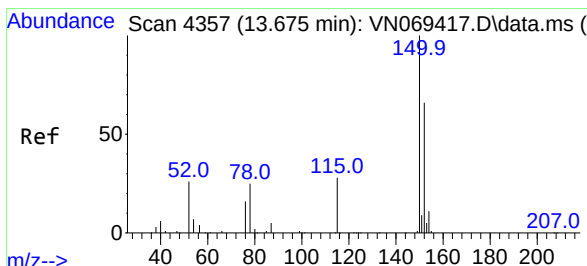
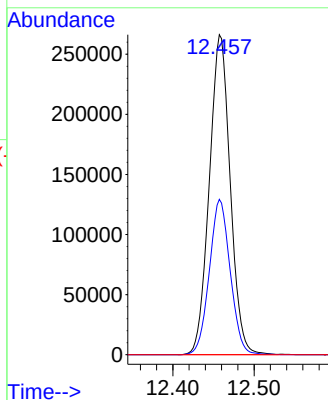
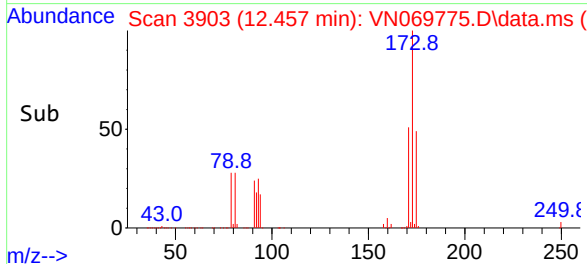
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



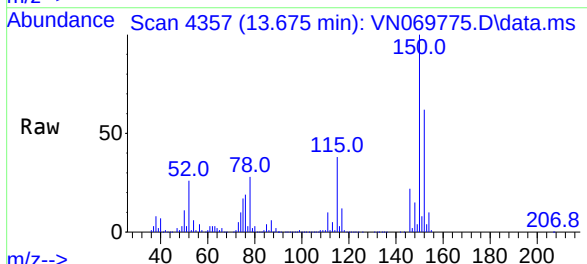
Tgt Ion:173 Resp: 47636
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

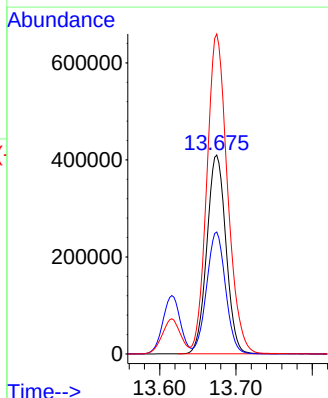
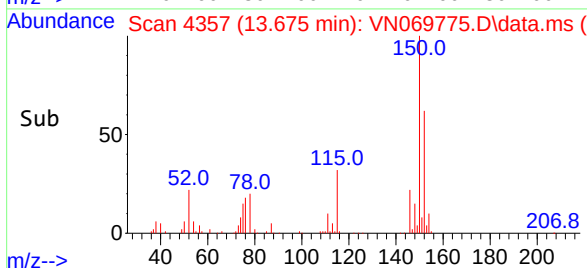
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

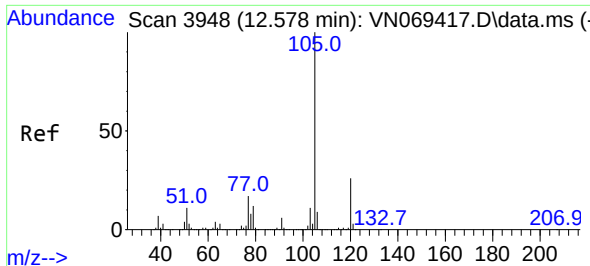


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



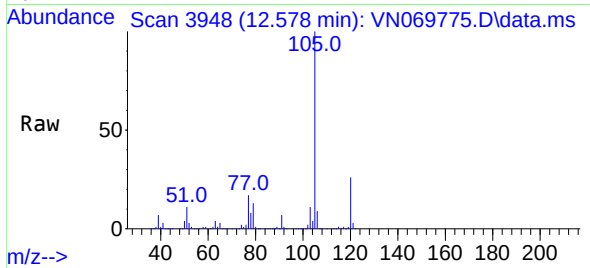
Tgt Ion:152 Resp: 712145
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 174.1 0.0 344.4





#73
Isopropylbenzene
Concen: 48.625 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

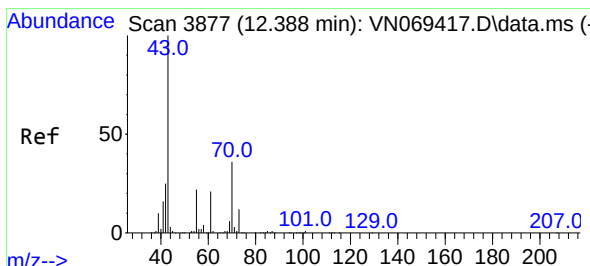
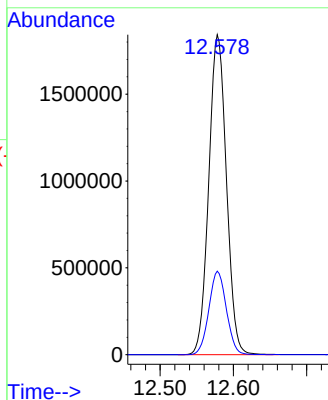
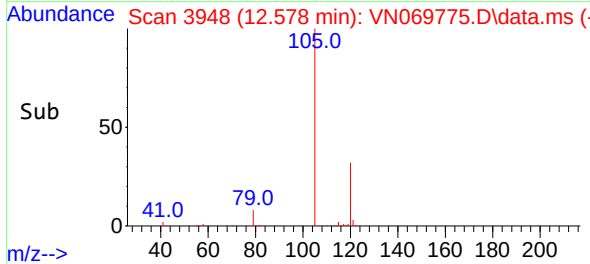
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



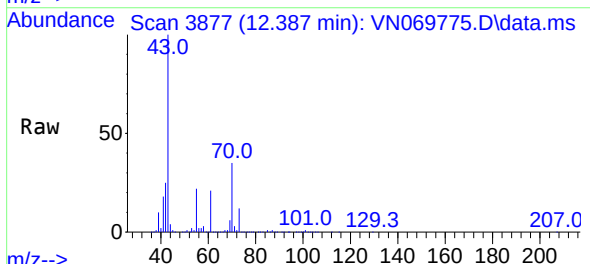
Tgt Ion:105 Resp: 308091
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

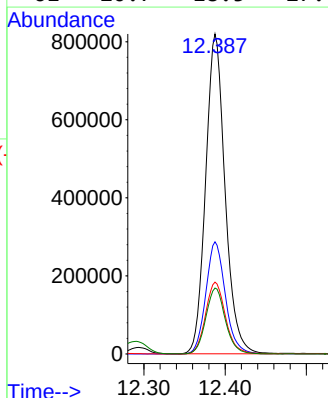
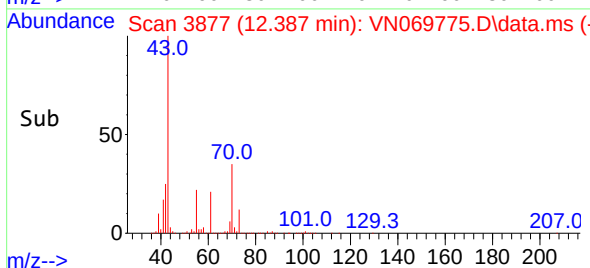
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

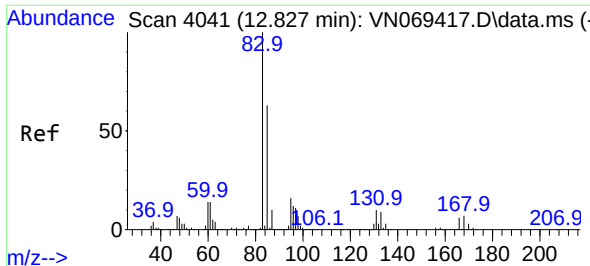


#74
N-ethyl acetate
Concen: 48.559 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



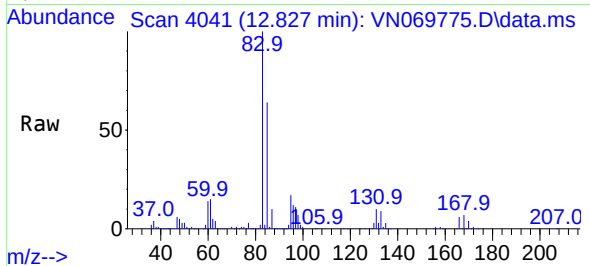
Tgt Ion: 43 Resp: 1360650
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 23.1 19.3 28.9
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.302 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

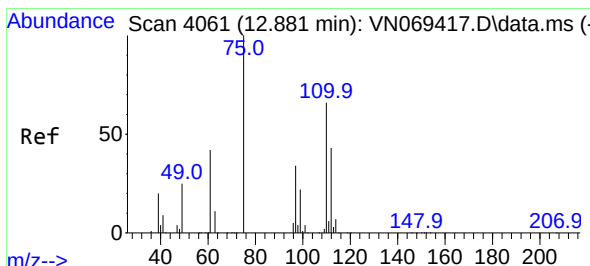
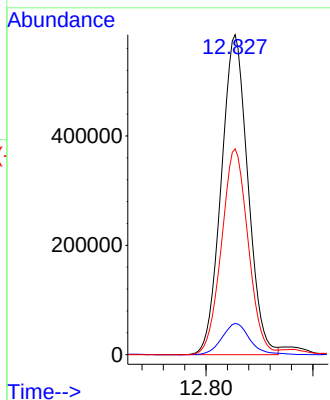
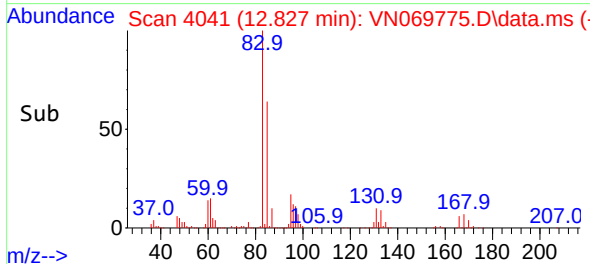
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



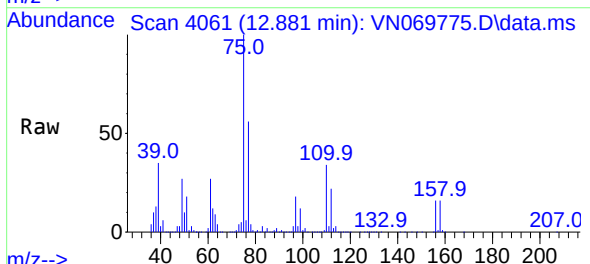
Tgt Ion: 83 Resp: 101449
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 64.2 32.4 97.2

Manual Integrations
APPROVED

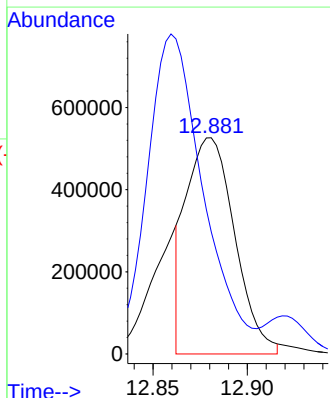
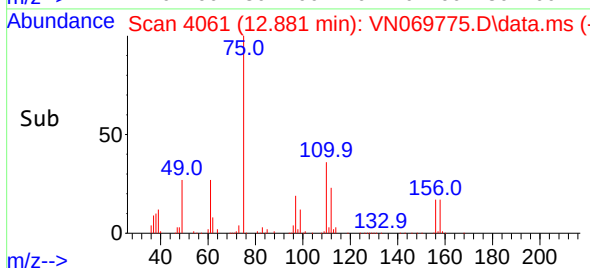
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

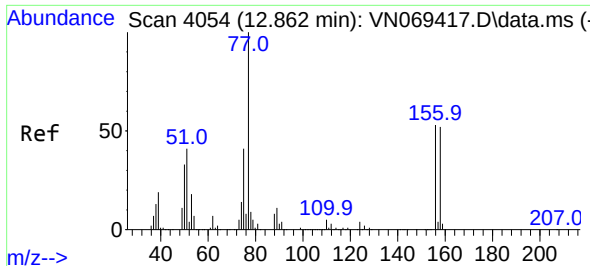


#76
1,2,3-Trichloropropane
Concen: 45.963 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion: 75 Resp: 938686
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





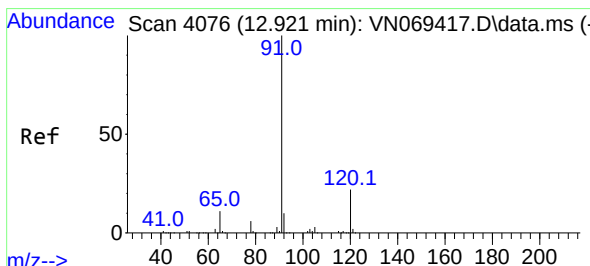
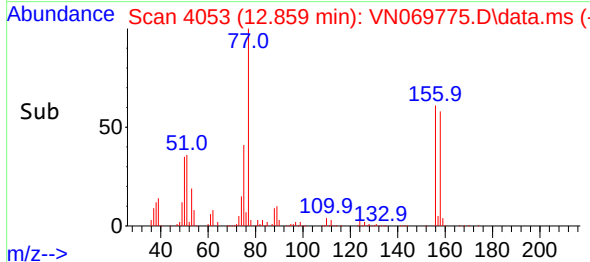
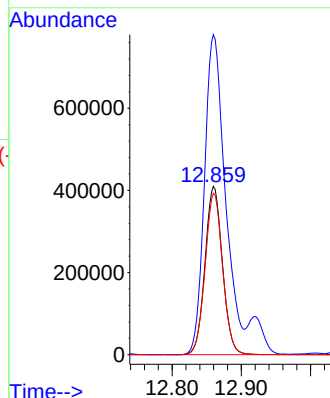
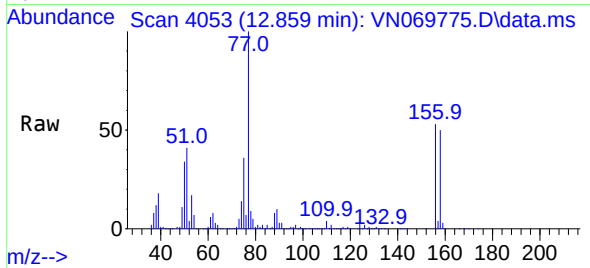
#77
Bromobenzene
Concen: 48.261 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 71824
Ion Ratio Lower Upper
156 100
77 225.2 90.6 271.8
158 96.4 48.9 146.7

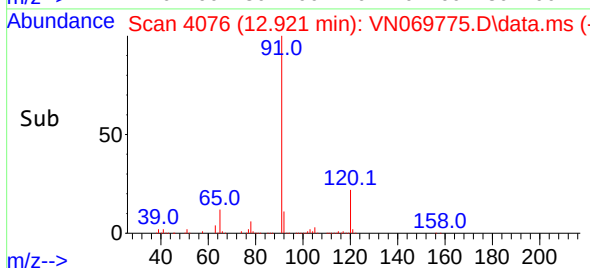
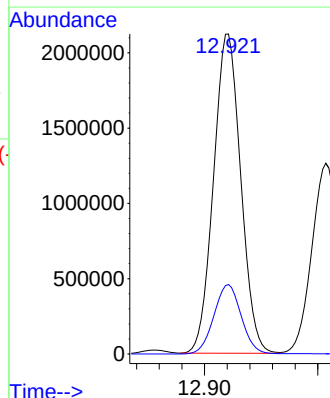
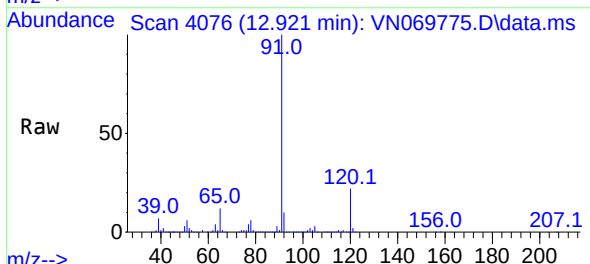
Manual Integrations
APPROVED

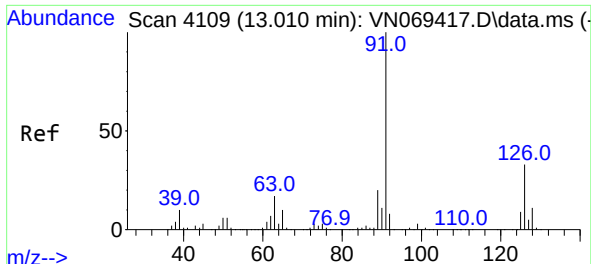
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 50.094 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Tgt Ion: 91 Resp: 3531968
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





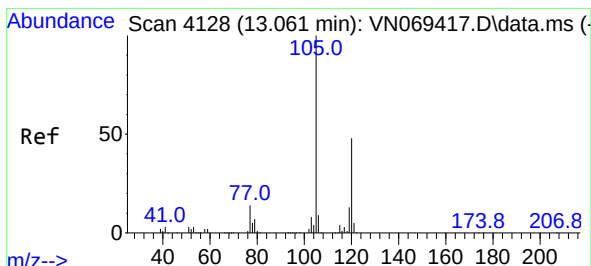
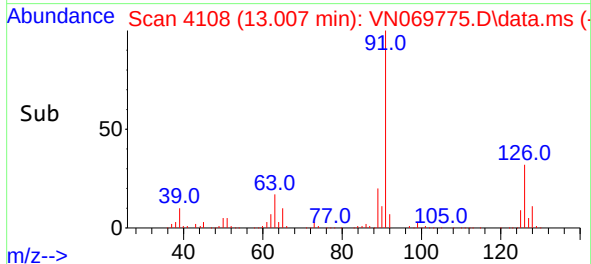
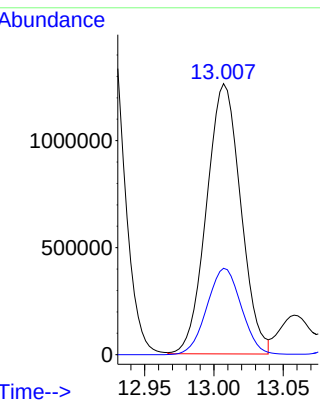
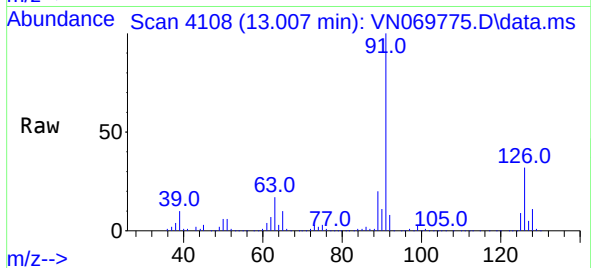
#79
2-Chlorotoluene
Concen: 48.725 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 2170749
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

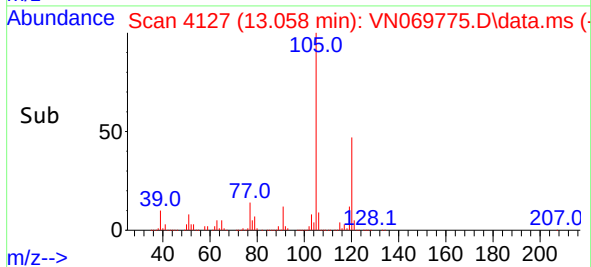
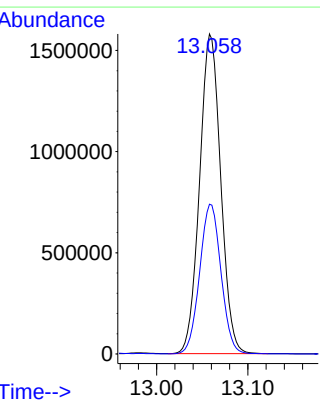
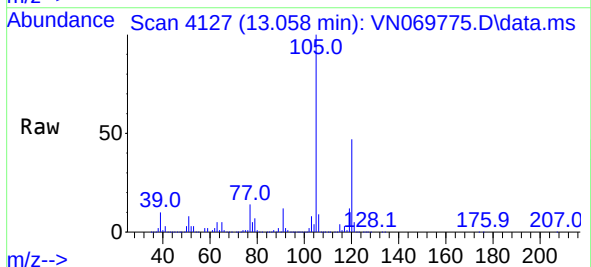
Manual Integrations
APPROVED

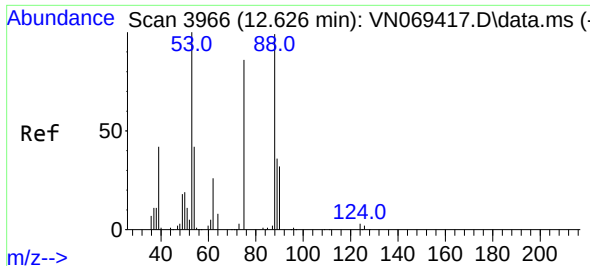
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.875 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Tgt Ion:105 Resp: 2543530
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





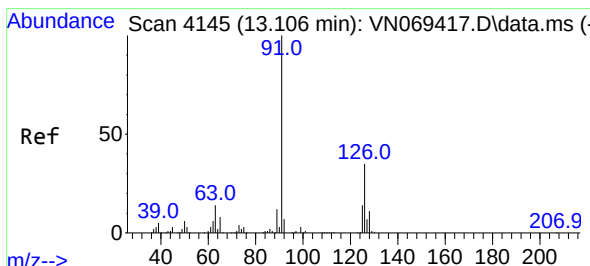
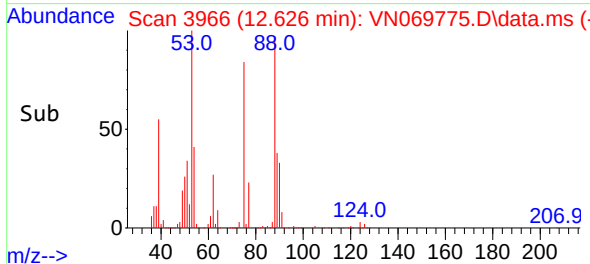
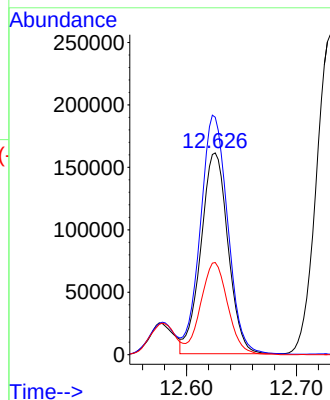
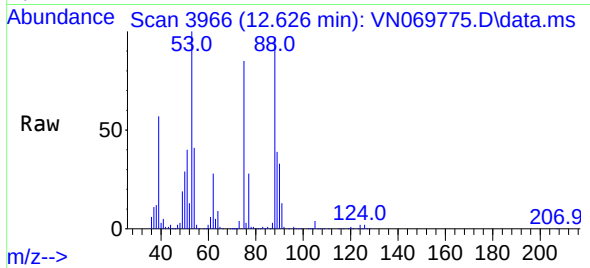
#81
trans-1,4-Dichloro-2-butene
Concen: 44.657 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 275715
Ion Ratio Lower Upper
75 100
53 120.3 90.5 135.7
89 45.5 38.2 57.4

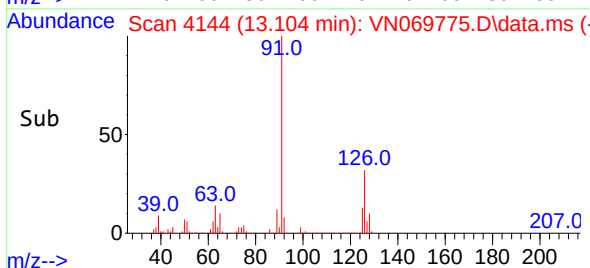
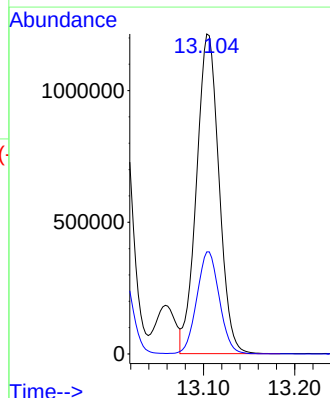
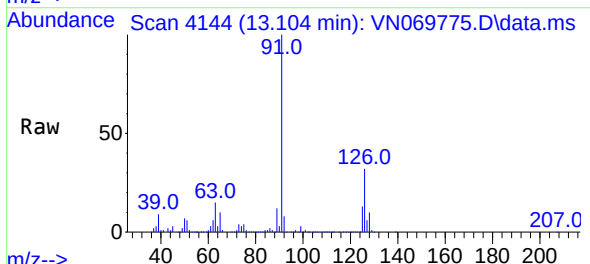
Manual Integrations
APPROVED

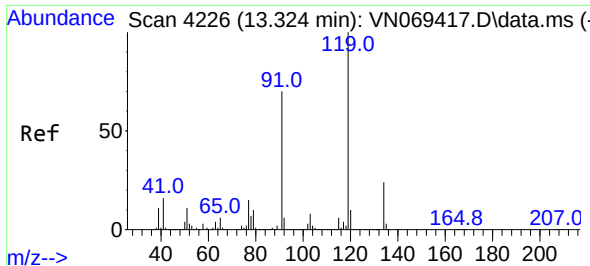
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 49.602 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

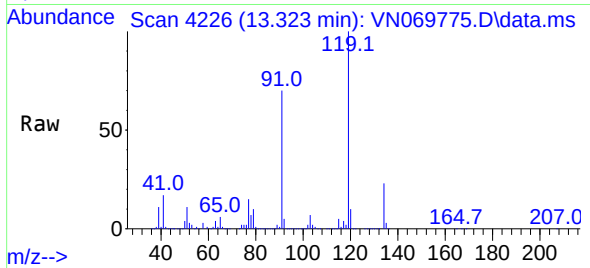
Tgt Ion: 91 Resp: 2078186
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.933 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

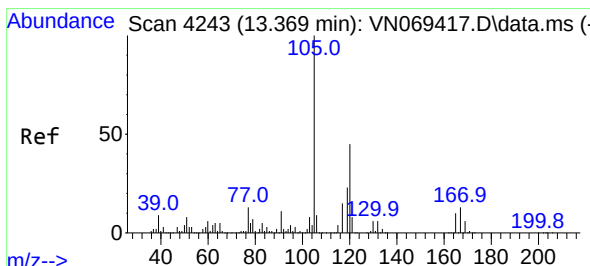
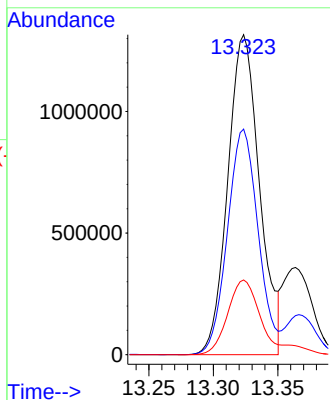
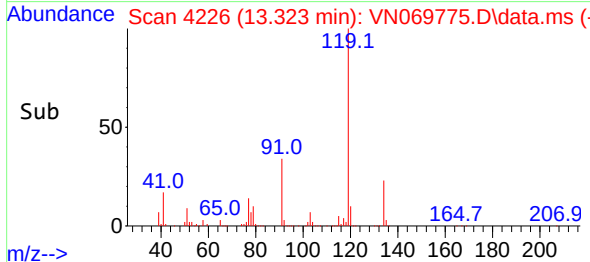
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



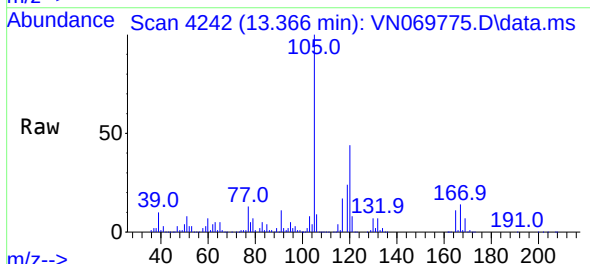
Tgt Ion:119 Resp: 225483
Ion Ratio Lower Upper
119 100
91 68.2 31.5 94.5
134 25.6 12.4 37.4

Manual Integrations
APPROVED

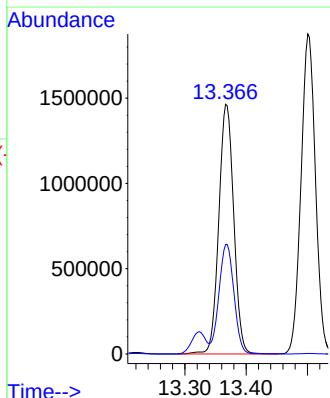
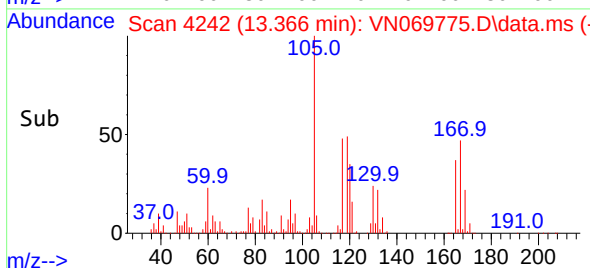
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

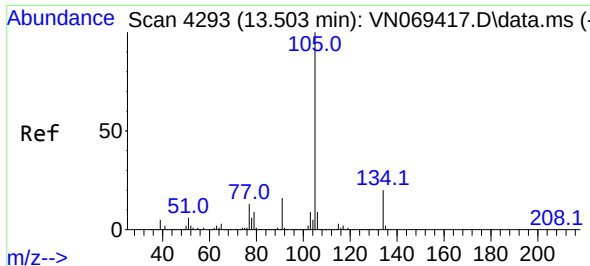


#84
1,2,4-Trimethylbenzene
Concen: 50.986 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



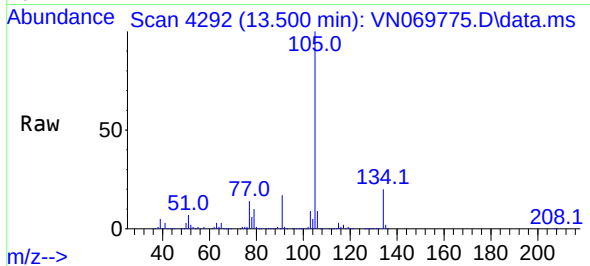
Tgt Ion:105 Resp: 2476288
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 50.081 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069775.D
 Acq: 4 Dec 2021 19:21

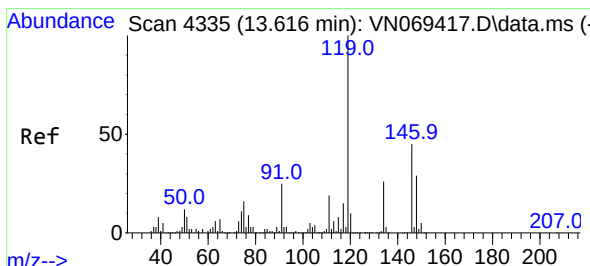
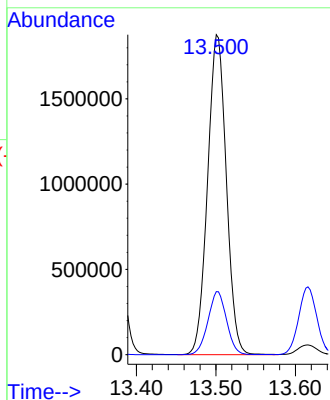
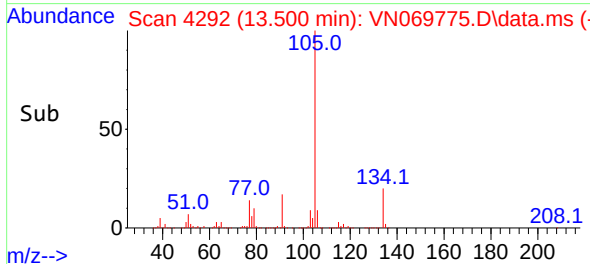
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



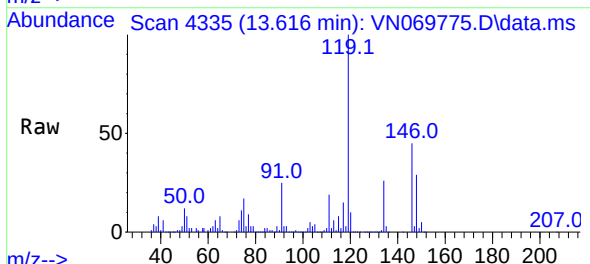
Tgt Ion:105 Resp: 3067529
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

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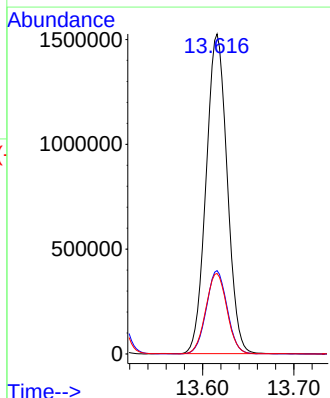
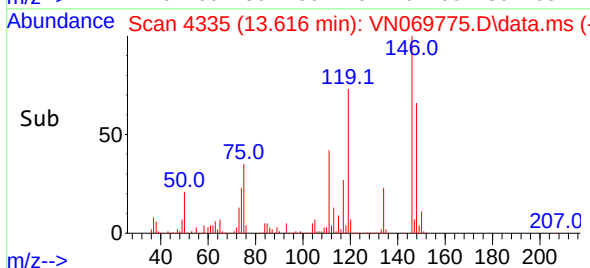
Reviewed By :John Carlone 12/06/2021
 Supervised By :Mahesh Dadoda 12/06/2021

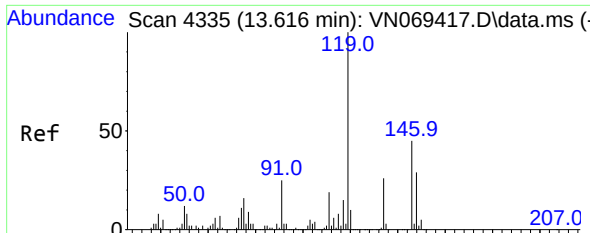


#86
 p-Isopropyltoluene
 Concen: 51.061 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069775.D
 Acq: 4 Dec 2021 19:21



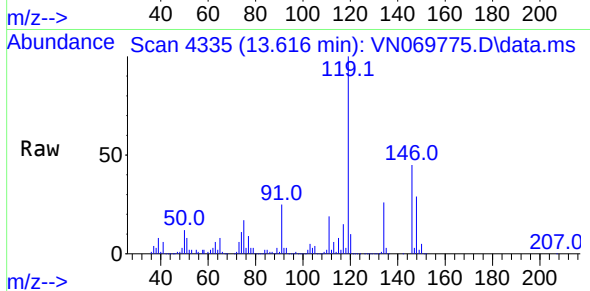
Tgt Ion:119 Resp: 2444699
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 48.520 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

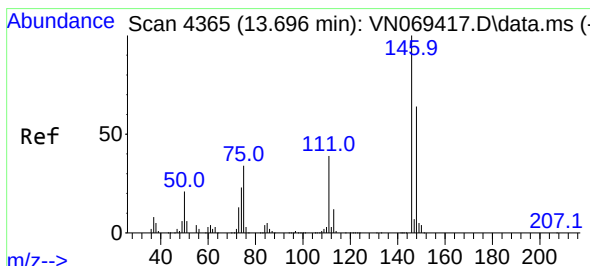
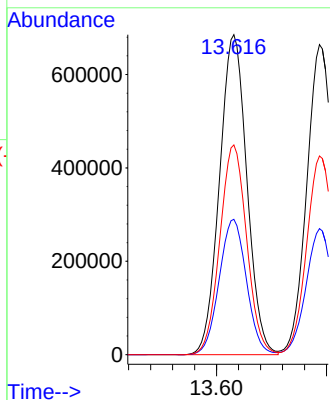
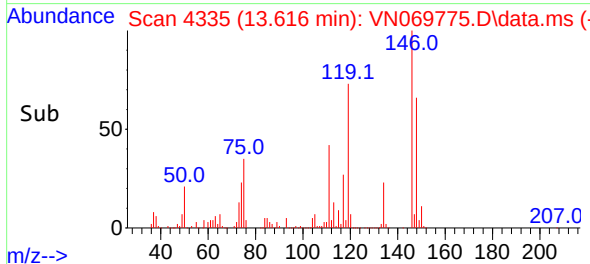
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



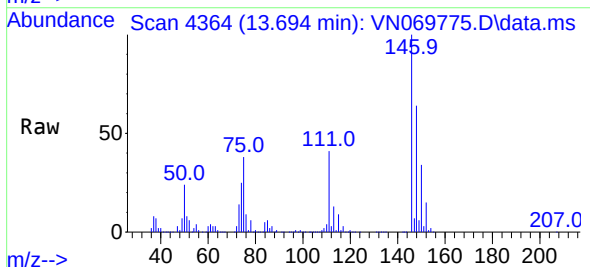
Tgt Ion:146 Resp: 1186290
Ion Ratio Lower Upper
146 100
111 42.1 18.6 55.6
148 64.3 31.6 95.0

Manual Integrations
APPROVED

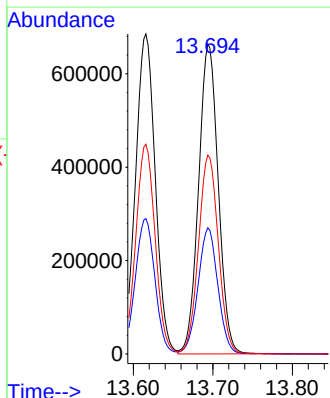
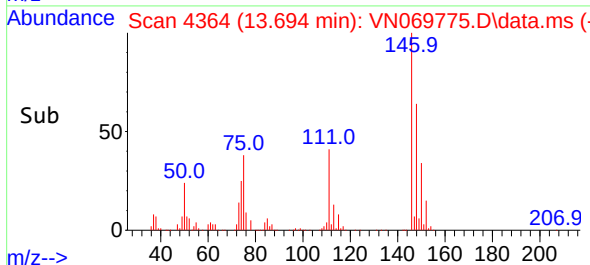
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

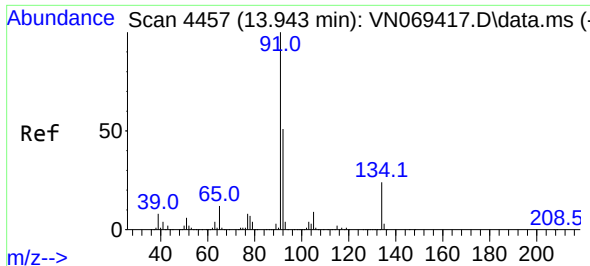


#88
1,4-Dichlorobenzene
Concen: 47.471 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



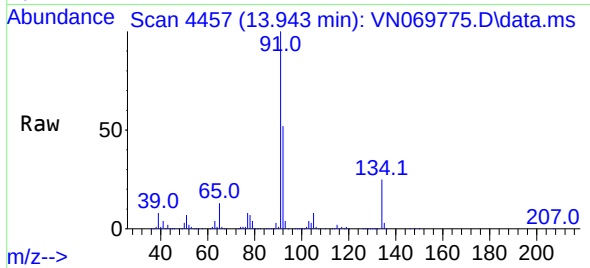
Tgt Ion:146 Resp: 1140610
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 50.108 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

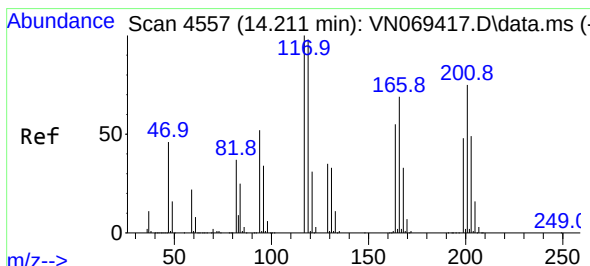
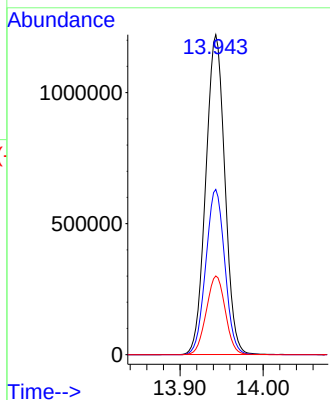
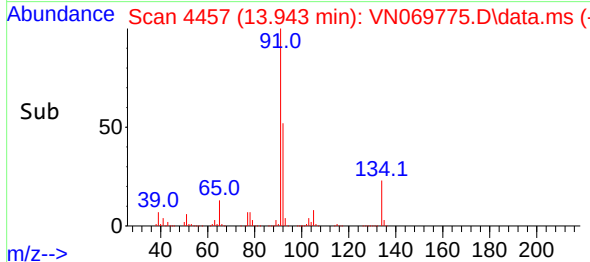
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



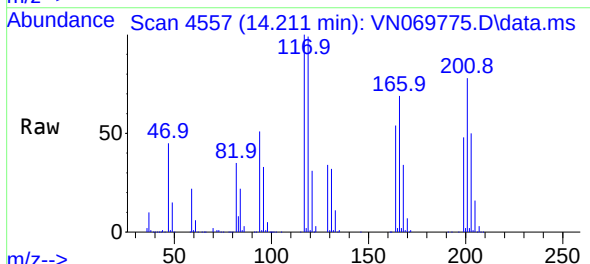
Tgt Ion: 91 Resp: 194610
Ion Ratio Lower Upper
91 100
92 51.6 25.4 76.0
134 24.6 13.6 40.8

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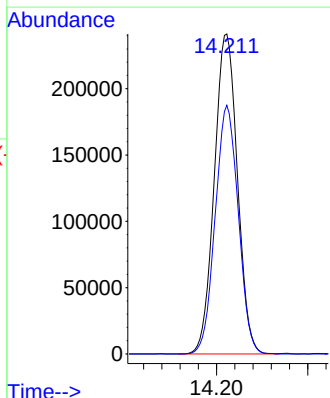
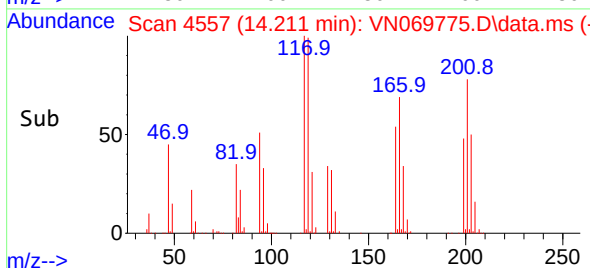
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

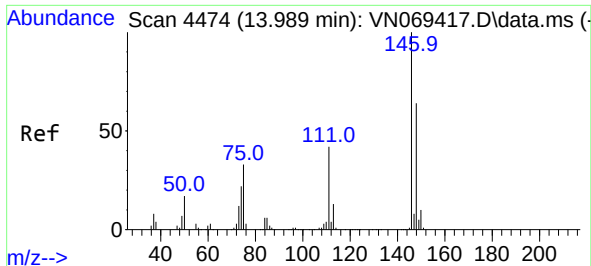


#90
Hexachloroethane
Concen: 50.584 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



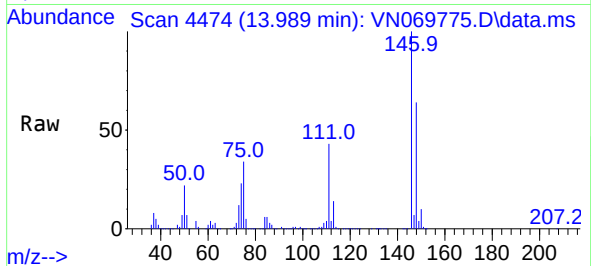
Tgt Ion:117 Resp: 425203
Ion Ratio Lower Upper
117 100
201 77.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 48.137 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

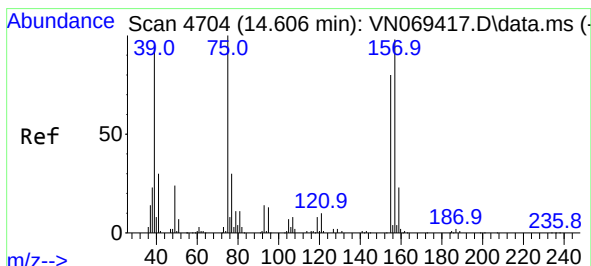
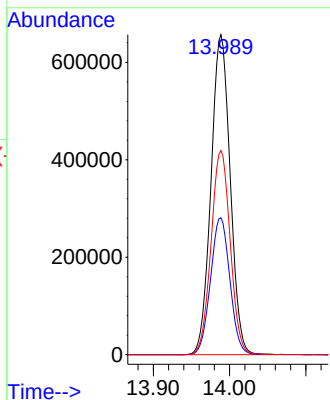
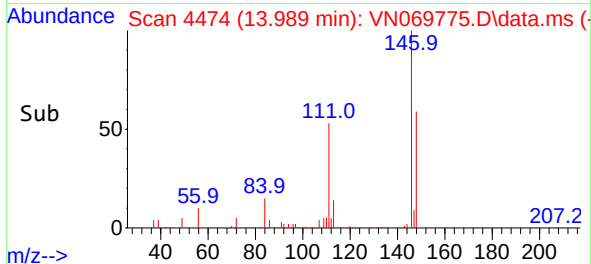
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



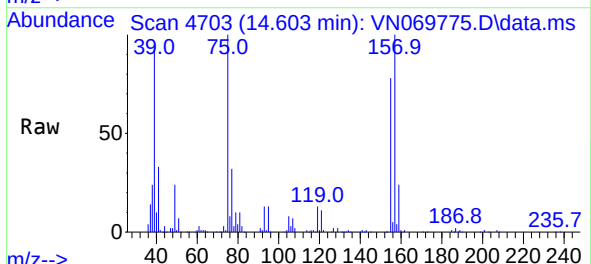
Tgt Ion:146 Resp: 1146759
Ion Ratio Lower Upper
146 100
111 43.2 19.1 57.3
148 63.8 32.1 96.3

Manual Integrations
APPROVED

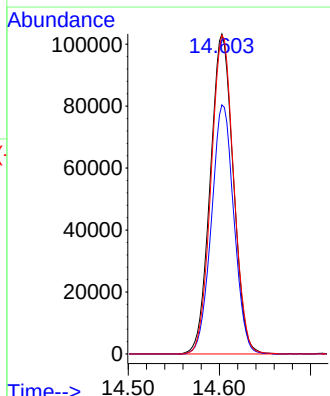
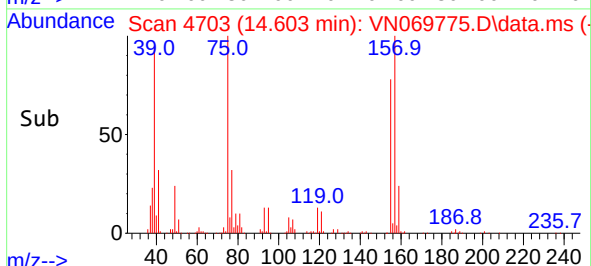
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

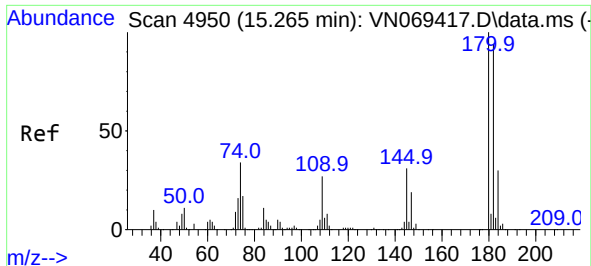


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.793 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion: 75 Resp: 181302
Ion Ratio Lower Upper
75 100
155 76.1 46.9 140.7
157 97.8 60.6 181.7





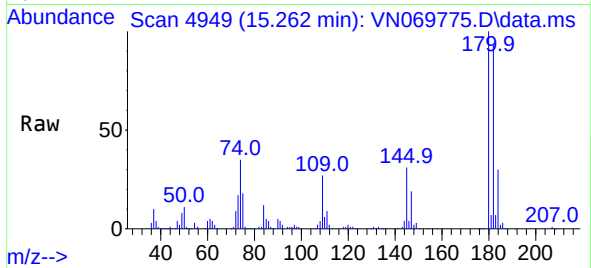
#93
1,2,4-Trichlorobenzene
Concen: 43.487 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

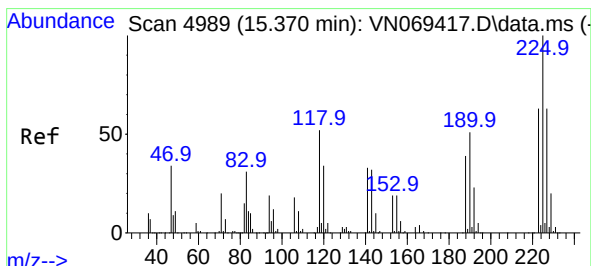
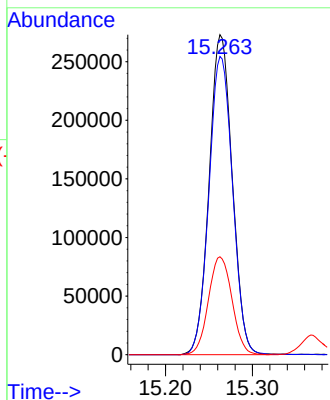
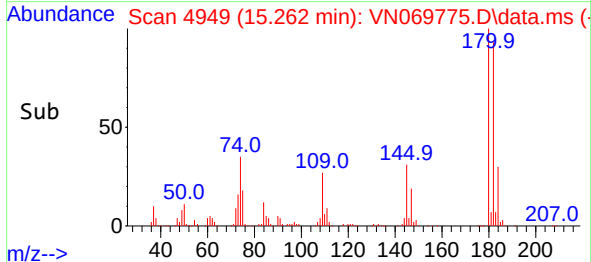


Tgt Ion:180 Resp: 50346
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 31.3 14.5 43.5

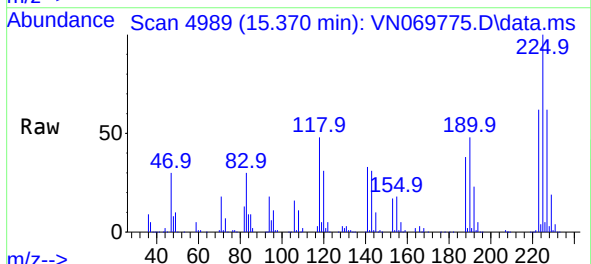
Manual Integrations

APPROVED

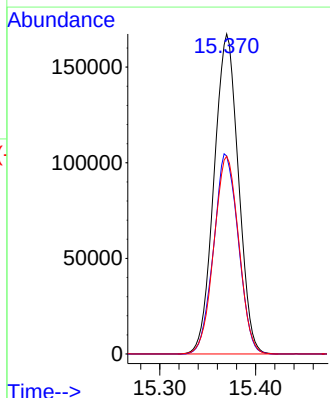
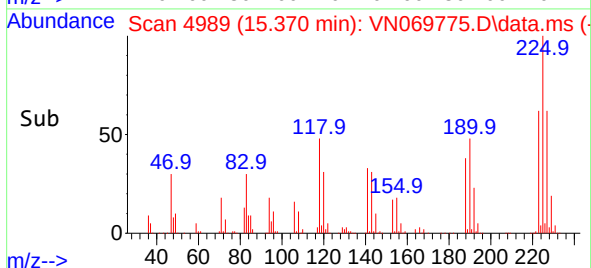
Reviewed By :John Carlone 12/06/2021
Supervised By :Mahesh Dadoda 12/06/2021

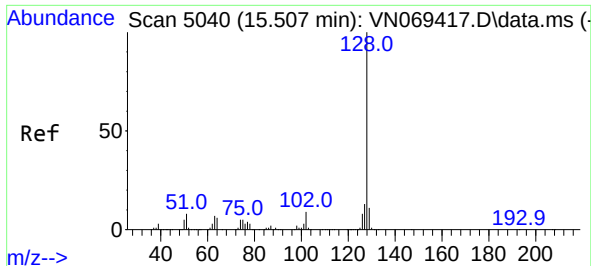


#94
Hexachlorobutadiene
Concen: 46.739 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



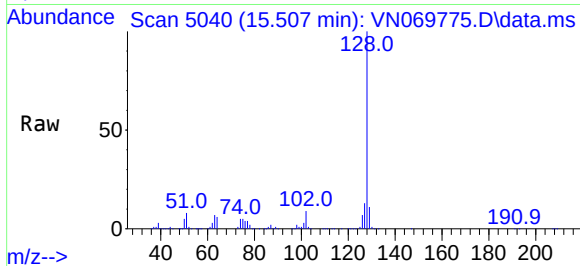
Tgt Ion:225 Resp: 295089
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 63.0 32.1 96.3





#95
Naphthalene
Concen: 39.876 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21

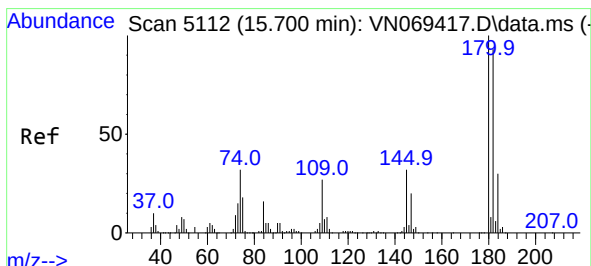
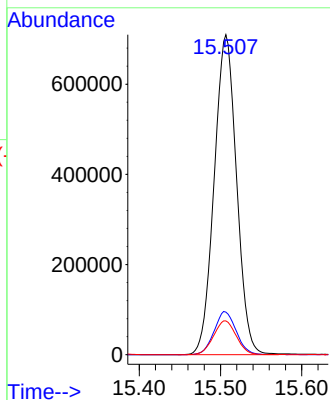
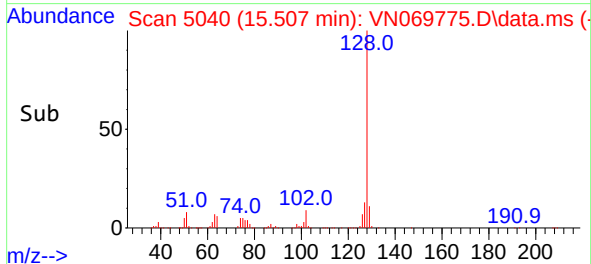
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



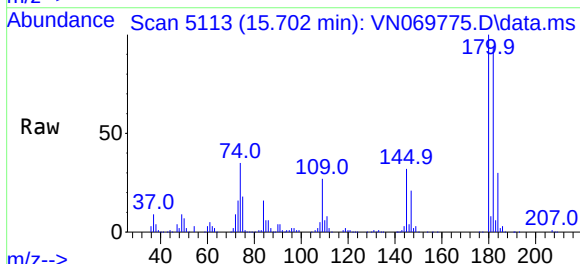
Tgt Ion:128 Resp: 1357270
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 43.898 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069775.D
Acq: 4 Dec 2021 19:21



Tgt Ion:180 Resp: 496316
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.2
145 32.7 15.0 45.1

