

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071699.D
 Acq On : 31 Mar 2022 10:39
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 31 18:48:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	92404	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	522002	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	475594	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	194277	29.841	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.467%		
60) 4-Bromofluorobenzene	12.727	95	212191	30.090	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.300%		
63) Toluene-d8	10.439	98	638329	29.567	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	87992	15.299	ug/l	99
3) Chloromethane	2.299	50	98587	14.543	ug/l	93
4) Vinyl Chloride	2.446	62	106801	13.738	ug/l	96
5) Bromomethane	2.852	94	74818	16.332	ug/l	96
6) Chloroethane	3.016	64	79200	15.909	ug/l	96
7) Trichlorofluoromethane	3.375	101	151318	16.695	ug/l	99
8) Diethyl Ether	3.822	74	67635	17.759	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	97252	17.916	ug/l #	62
10) 1,1-Dichloroethene	4.181	96	85943	16.054	ug/l	94
11) Methyl Iodide	4.422	142	123900	15.794	ug/l	89
12) Methyl Acetate	4.852	43	141217	18.718	ug/l	97
13) Acrolein	4.040	56	87406	108.898	ug/l	96
14) Acrylonitrile	5.551	53	320336	93.749	ug/l	97
15) Acetone	4.281	58	106155	107.954	ug/l	89
16) Carbon Disulfide	4.534	76	155398	11.149	ug/l	98
17) Allyl chloride	4.840	41	147092	16.940	ug/l	81
18) Methylene Chloride	5.093	84	111716	17.395	ug/l	93
19) trans-1,2-Dichloroethene	5.593	96	92489	16.153	ug/l	97
20) Diisopropyl ether	6.493	45	338953	18.657	ug/l	93
21) 1,1-Dichloroethane	6.381	63	197968	18.048	ug/l	96
22) cis-1,2-Dichloroethene	7.322	96	125119	17.986	ug/l	95
23) tert-Butyl Alcohol	5.357	59	112088	91.930	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	364528	18.867	ug/l	91
25) Chloroform	7.816	83	207772	18.834	ug/l	99
26) Cyclohexane	8.087	56	141804	14.956	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	134296	15.895	ug/l	99
30) 2-Butanone	7.328	43	437510	93.025	ug/l	98
31) 2,2-Dichloropropane	7.322	77	167845	17.438	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	171951	17.474	ug/l	99
33) Carbon Tetrachloride	8.198	117	138841	16.668	ug/l	95
34) Benzene	8.457	78	446365	17.004	ug/l	98
35) Methacrylonitrile	7.634	41	87748	19.446	ug/l	94
36) 1,2-Dichloroethane	8.528	62	160623	17.540	ug/l #	95
37) Trichloroethene	9.210	130	114221	16.863	ug/l	94
38) Methylcyclohexane	9.457	83	158695	14.901	ug/l	98
39) 1,2-Dichloropropane	9.486	63	118271	18.008	ug/l	99
40) Dibromomethane	9.575	93	79707	17.930	ug/l	88
41) Bromodichloromethane	9.757	83	160537	18.047	ug/l	95
42) Vinyl Acetate	6.428	43	1430787	88.787	ug/l	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Thu Mar 24 12:03:44 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	167222	18.336	ug/l	99
44) Isopropyl Acetate	8.557	43	265983	18.184	ug/l	97
45) 1,4-Dioxane	9.563	88	54668	370.438	ug/l	91
46) Methyl methacrylate	9.557	41	108655	16.939	ug/l	82
47) n-amyl Acetate	12.380	43	163764	16.778	ug/l	91
48) t-1,3-Dichloropropene	10.716	75	169286	17.508	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	185657	17.559	ug/l #	84
50) 1,1,2-Trichloroethane	10.892	97	124497	18.734	ug/l	98
51) Ethyl methacrylate	10.757	69	185428	18.071	ug/l	83
52) 1,3-Dichloropropane	11.039	76	204924	18.056	ug/l	99
53) Dibromochloromethane	11.233	129	126516	18.391	ug/l	98
54) 1,2-Dibromoethane	11.339	107	122883	17.976	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	220812	79.869	ug/l	98
56) Bromoform	12.451	173	93783	17.681	ug/l #	98
58) 4-Methyl-2-Pentanone	10.328	43	825757	91.465	ug/l	93
59) 2-Hexanone	11.081	43	604756	91.747	ug/l	91
61) Tetrachloroethene	10.975	164	97465	16.838	ug/l	95
62) Toluene	10.504	91	493526	17.114	ug/l	97
64) Chlorobenzene	11.769	112	317013	17.822	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	120463	18.460	ug/l	99
66) Ethyl Benzene	11.839	91	540450	17.245	ug/l	98
67) m/p-Xylenes	11.951	106	417608	34.253	ug/l	98
68) o-Xylene	12.275	106	211352	17.442	ug/l	97
69) Styrene	12.292	104	330832	17.347	ug/l	97
70) Isopropylbenzene	12.575	105	542452	17.836	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.822	83	188925	19.086	ug/l	100
72) 1,2,3-Trichloropropane	12.875	75	166613m	19.592	ug/l	
73) Bromobenzene	12.857	156	134596	18.141	ug/l	95
74) n-propylbenzene	12.916	91	583625	17.582	ug/l	97
75) 2-Chlorotoluene	13.004	91	369050	17.791	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	439991	18.032	ug/l	95
77) t-1,4-Dichloro-2-butene	12.622	75	51506	17.249	ug/l	94
78) 4-Chlorotoluene	13.098	91	347187	17.921	ug/l	99
79) tert-butylbenzene	13.322	119	401677	18.243	ug/l	94
80) 1,2,4-Trimethylbenzene	13.363	105	429870m	18.157	ug/l	
81) sec-Butylbenzene	13.498	105	529133	17.885	ug/l	97
82) p-Isopropyltoluene	13.610	119	429206	17.856	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	222101	18.294	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	210022	18.124	ug/l	99
85) n-Butylbenzene	13.939	91	301175	16.868	ug/l	95
86) Hexachloroethane	14.204	117	81611	18.181	ug/l	82
87) 1,2-Dichlorobenzene	13.986	146	221100	18.837	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	30953	17.575	ug/l	84
89) 1,2,4-Trichlorobenzene	15.257	180	98251	18.109	ug/l	97
90) Hexachlorobutadiene	15.363	225	64576	20.085	ug/l	99
91) Naphthalene	15.504	128	259614	19.302	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	99394	18.679	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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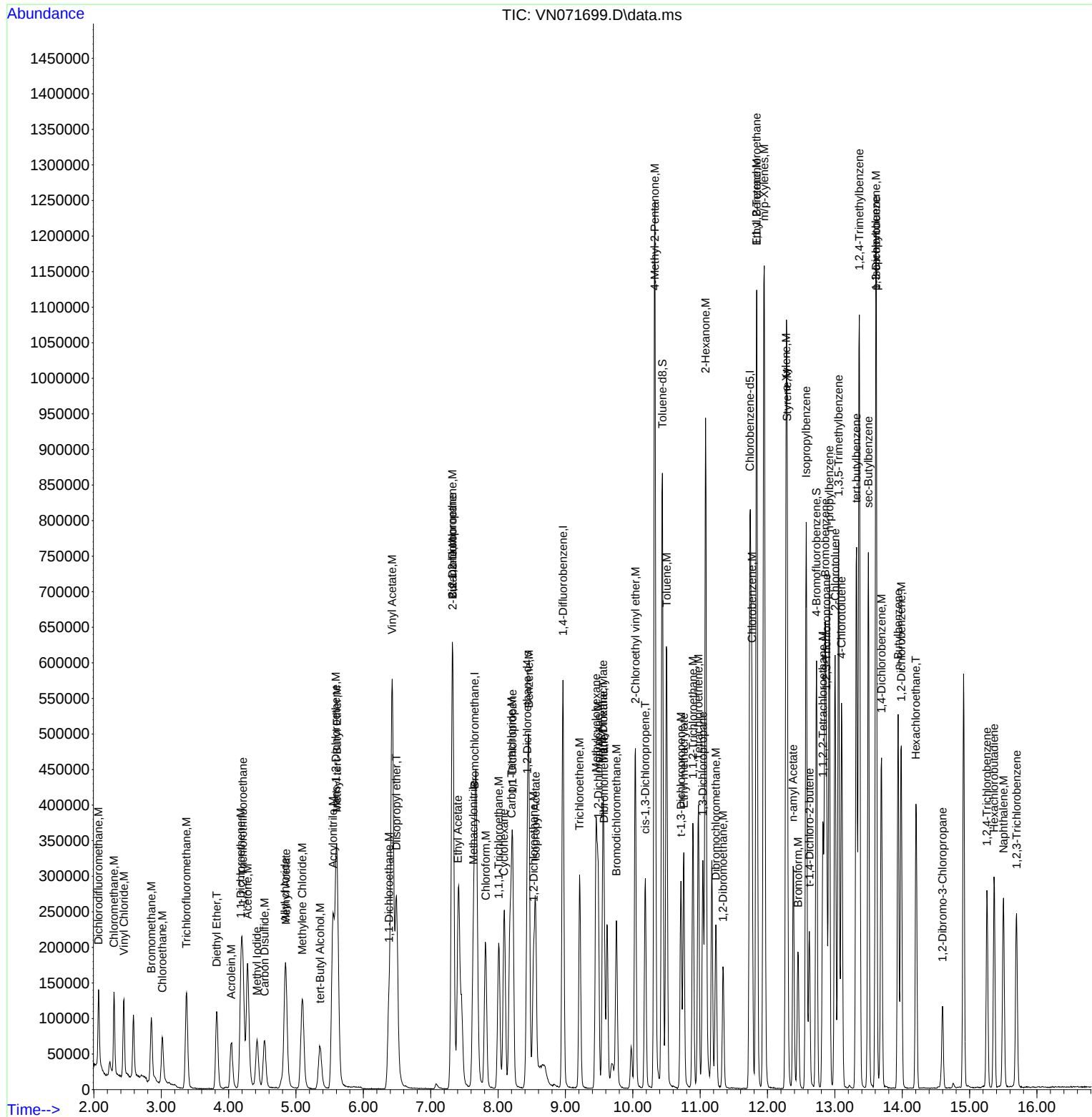
Quant Time: Mar 31 18:48:18 2022

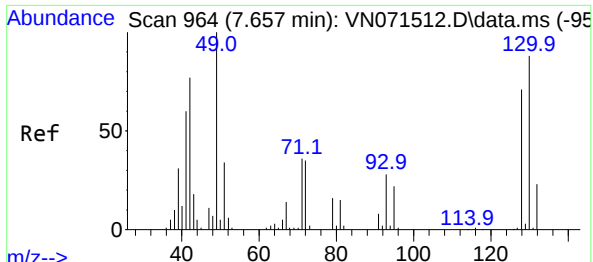
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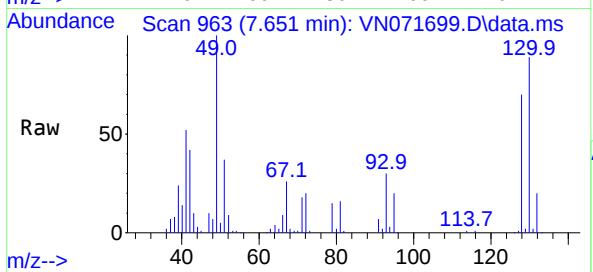
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

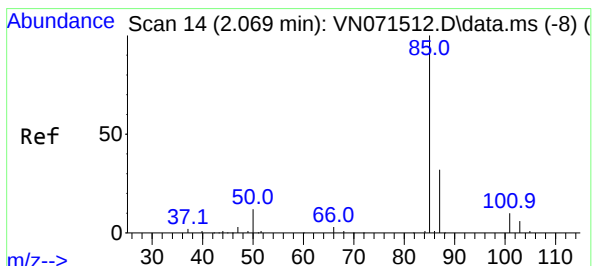
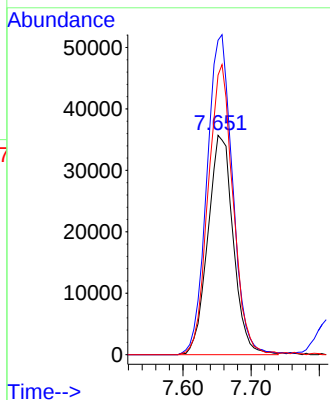
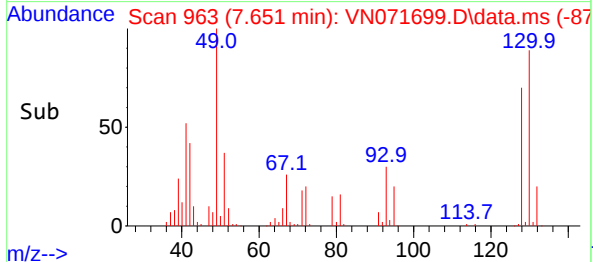
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



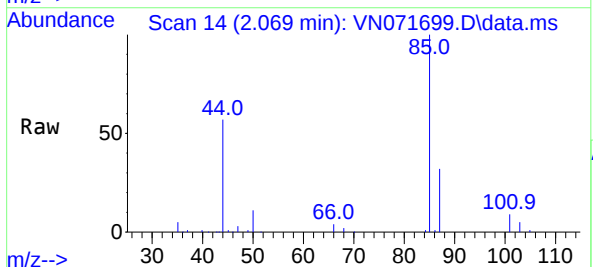
Tgt Ion:128 Resp: 92404
Ion Ratio Lower Upper
128 100
49 147.7 0.0 392.3
130 129.3 0.0 320.2

Manual Integrations
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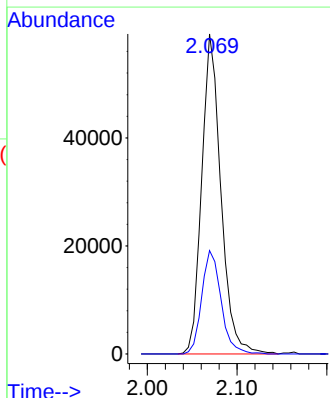
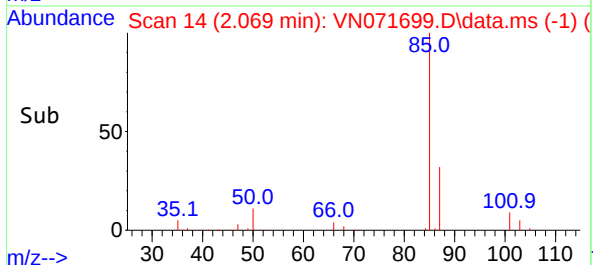
Reviewed By :John Carlone 04/01/2022
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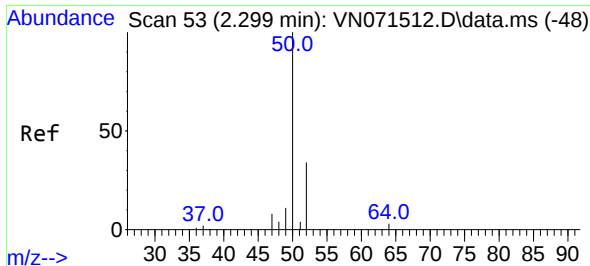


#2
Dichlorodifluoromethane
Concen: 15.299 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



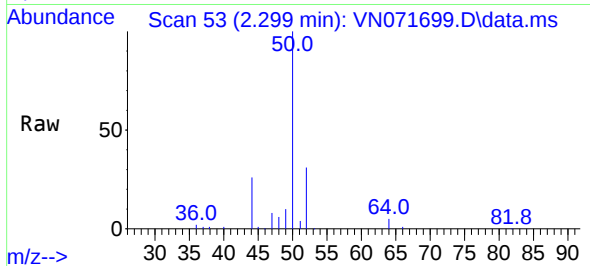
Tgt Ion: 85 Resp: 87992
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7





#3
Chloromethane
Concen: 14.543 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

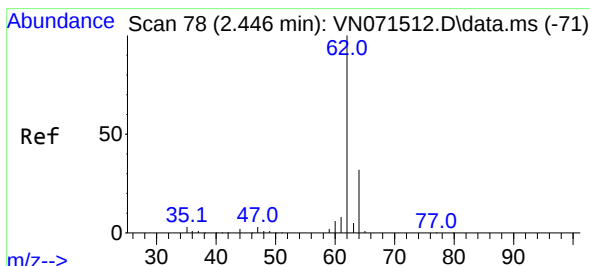
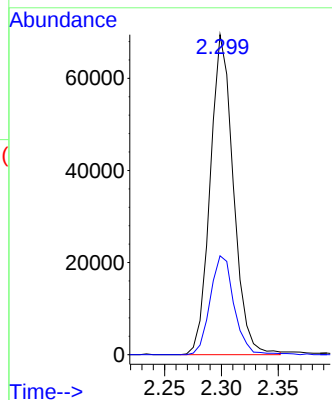
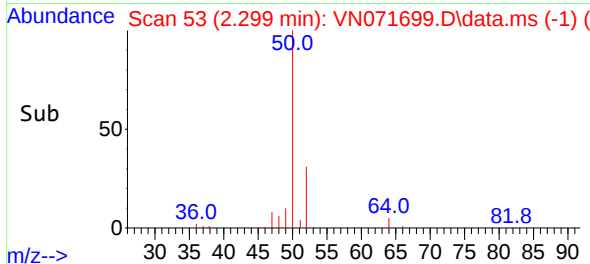
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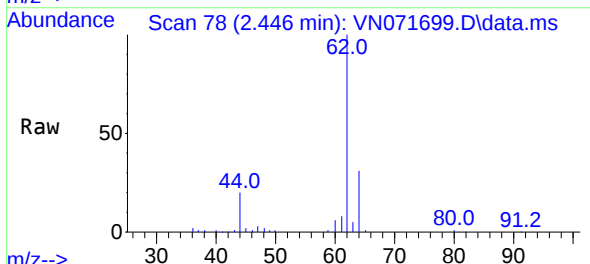
Tgt Ion: 50 Resp: 9858
Ion Ratio Lower Upper
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52 30.9 27.8 41.6

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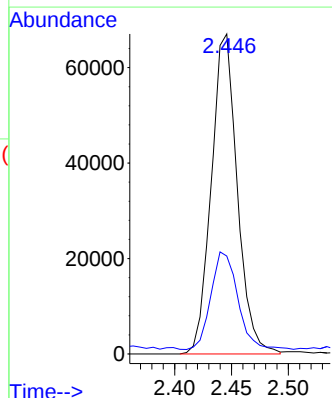
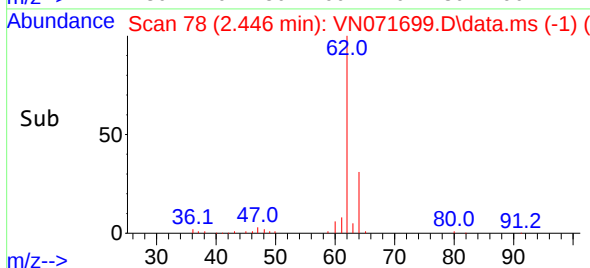
Reviewed By :John Carlone 04/01/2022
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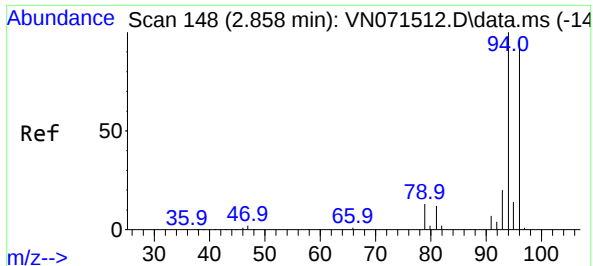


#4
Vinyl Chloride
Concen: 13.738 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



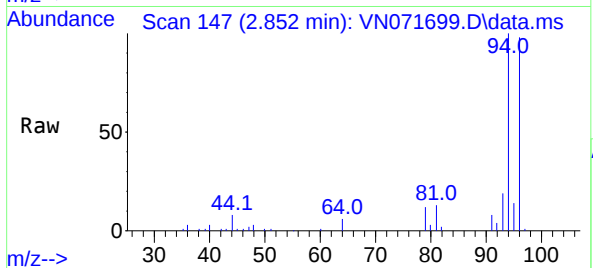
Tgt Ion: 62 Resp: 106801
Ion Ratio Lower Upper
62 100
64 29.2 25.1 37.7





#5
Bromomethane
Concen: 16.332 ug/l
RT: 2.852 min Scan# 148
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

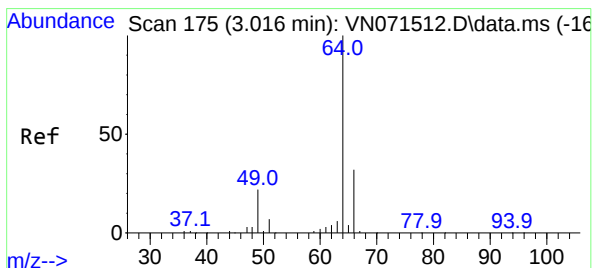
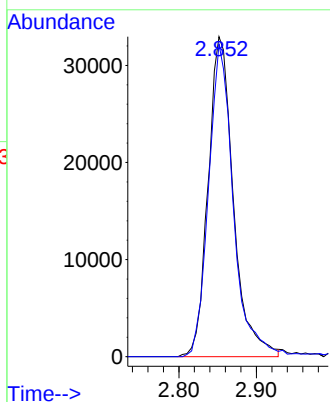
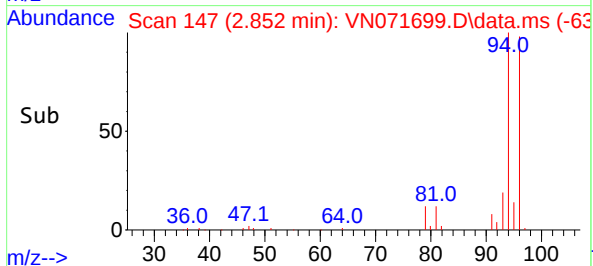
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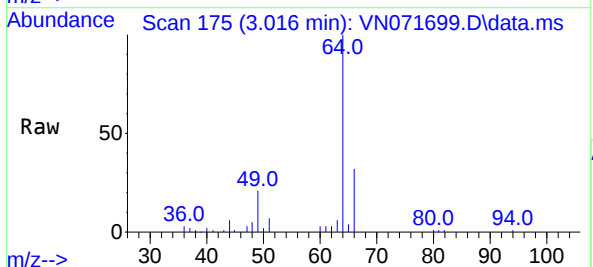
Tgt Ion: 94 Resp: 74818
Ion Ratio Lower Upper
94 100
96 97.7 75.2 112.8

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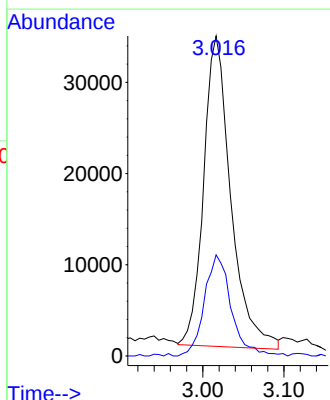
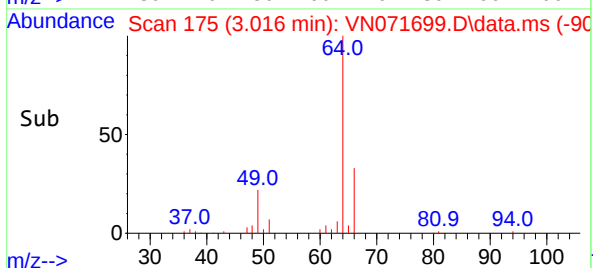
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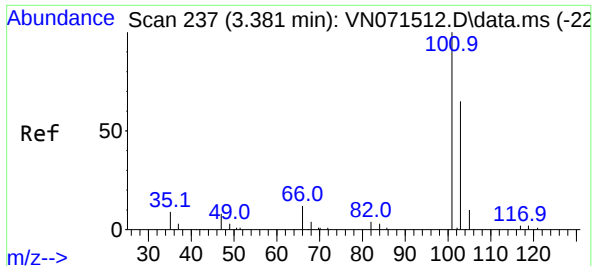


#6
Chloroethane
Concen: 15.909 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN071699.D
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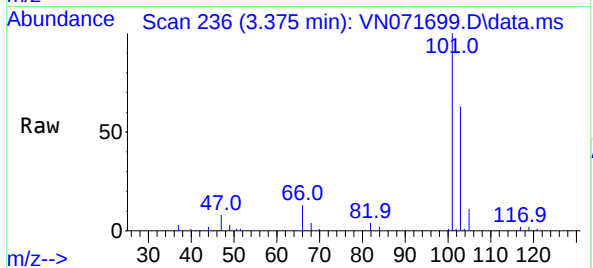
Tgt Ion: 64 Resp: 79200
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8





#7
Trichlorofluoromethane
Concen: 16.695 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071699.D
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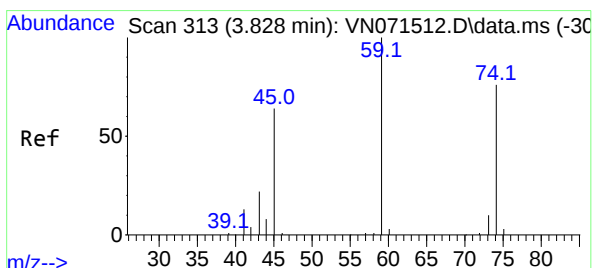
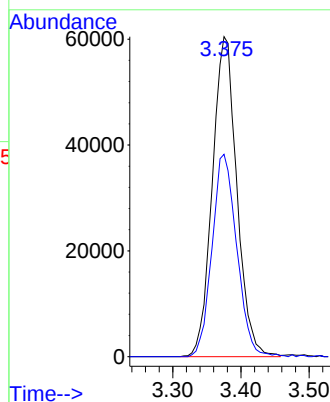
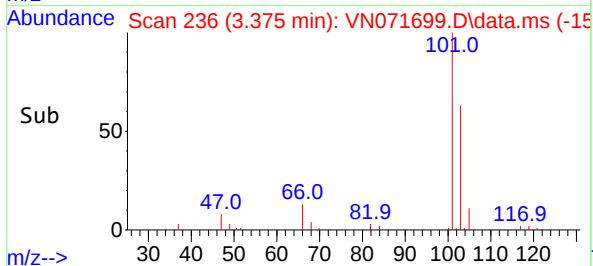
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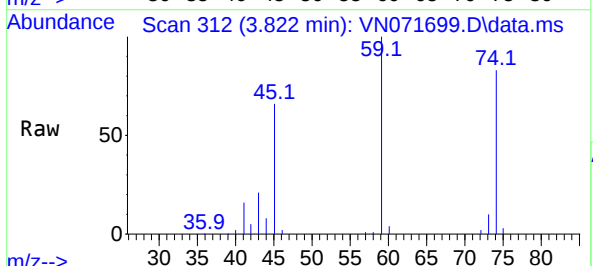
Tgt Ion:101 Resp: 151318
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

Manual Integrations
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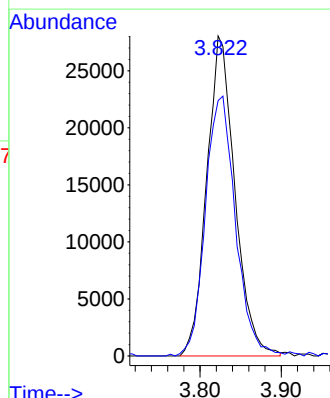
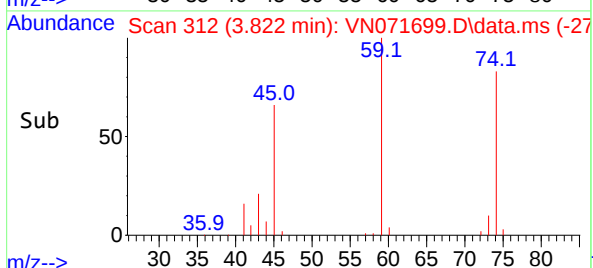
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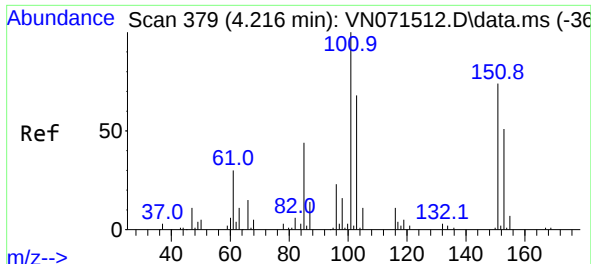


#8
Diethyl Ether
Concen: 17.759 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion: 74 Resp: 67635
Ion Ratio Lower Upper
74 100
45 86.8 17.6 158.8





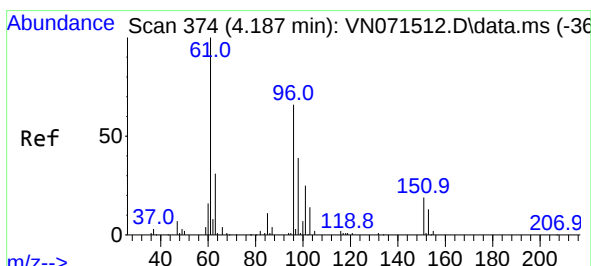
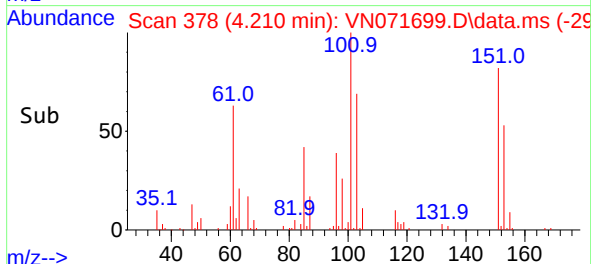
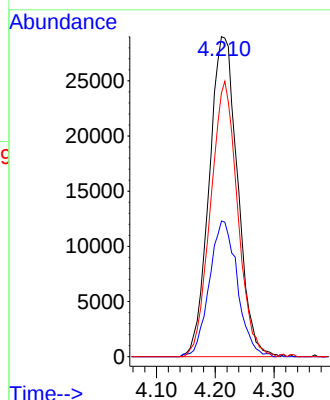
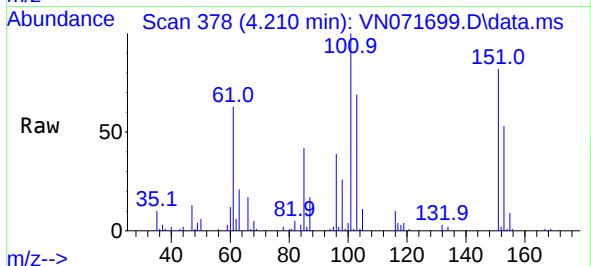
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.916 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 9725
Ion Ratio Lower Upper
101 100
85 41.4 0.0 94.0
151 81.8 0.0 74.6

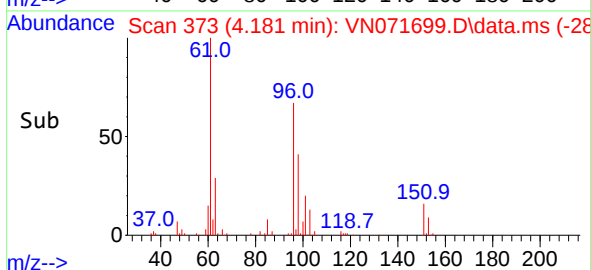
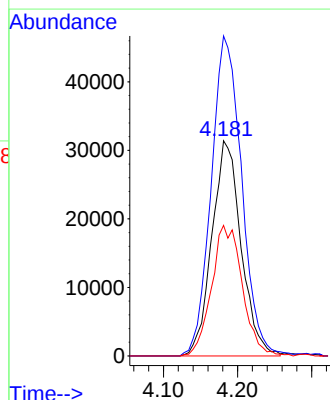
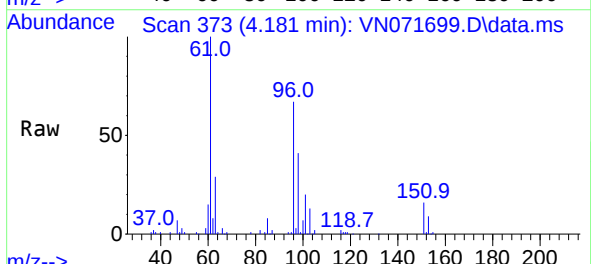
Manual Integrations
APPROVED

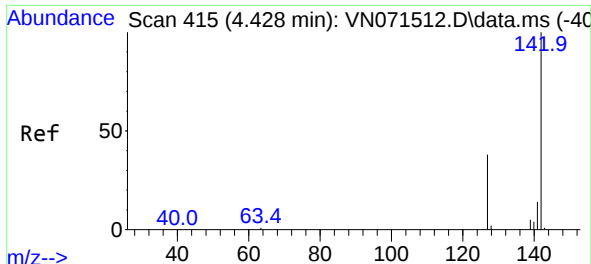
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
1,1-Dichloroethene
Concen: 16.054 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

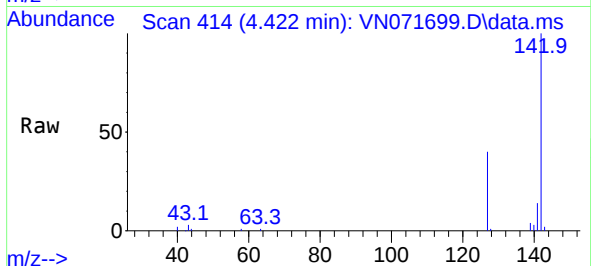
Tgt Ion: 96 Resp: 85943
Ion Ratio Lower Upper
96 100
61 148.7 126.2 189.4
98 60.7 50.9 76.3





#11
Methyl Iodide
Concen: 15.794 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

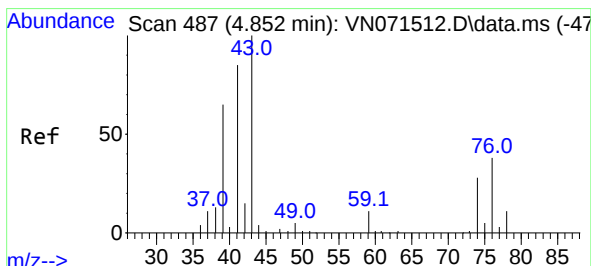
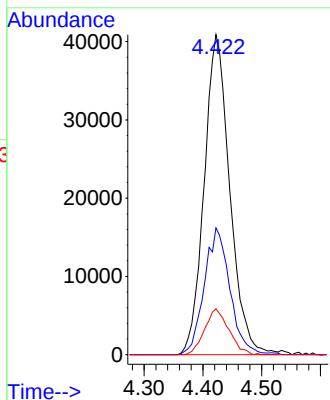
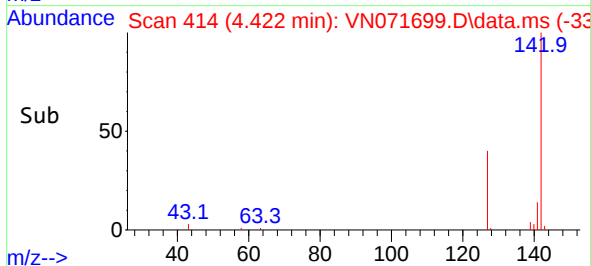
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



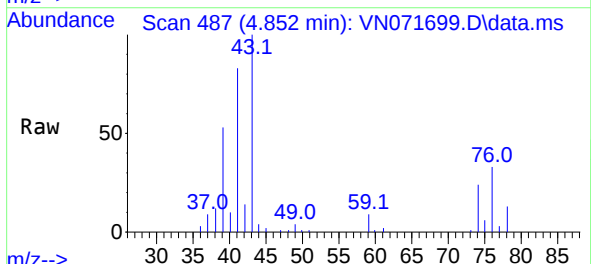
Tgt Ion:142 Resp: 123900
Ion Ratio Lower Upper
142 100
127 39.5 24.0 72.0
141 14.4 8.4 25.2

Manual Integrations
APPROVED

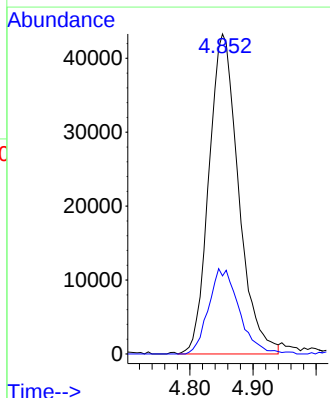
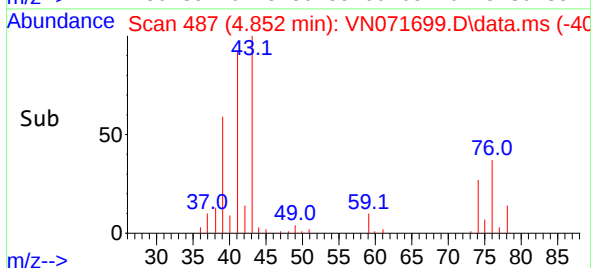
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

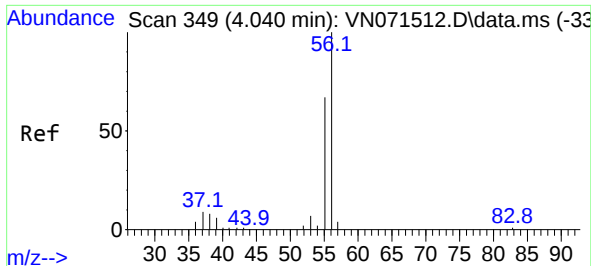


#12
Methyl Acetate
Concen: 18.718 ug/l
RT: 4.852 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



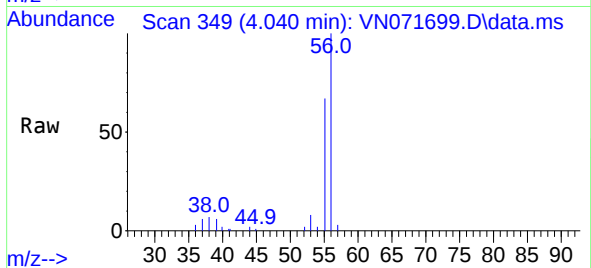
Tgt Ion: 43 Resp: 141217
Ion Ratio Lower Upper
43 100
74 24.4 20.8 31.2





#13
Acrolein
Concen: 108.898 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

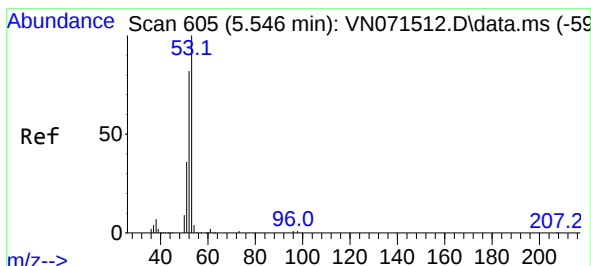
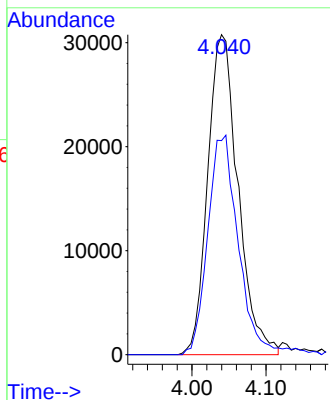
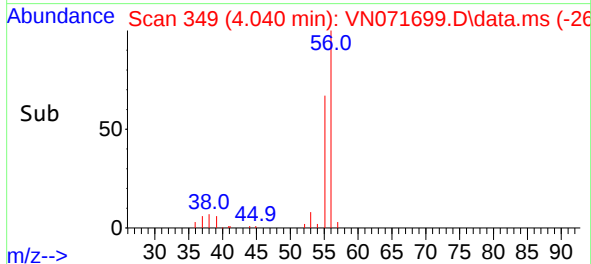
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



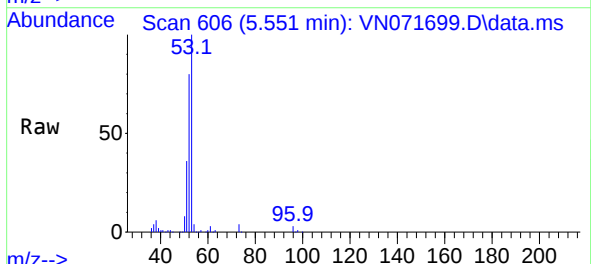
Tgt Ion: 56 Resp: 87400
Ion Ratio Lower Upper
56 100
55 68.6 57.6 86.4

Manual Integrations
APPROVED

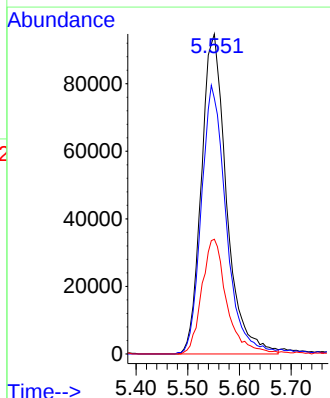
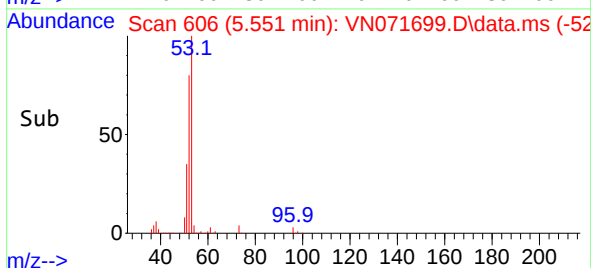
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

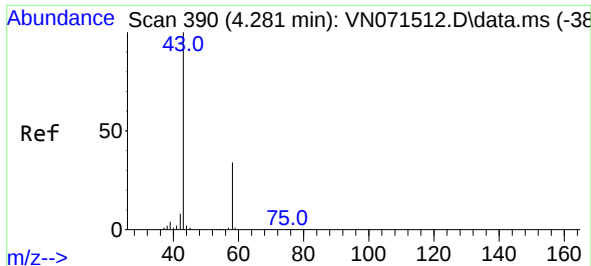


#14
Acrylonitrile
Concen: 93.749 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



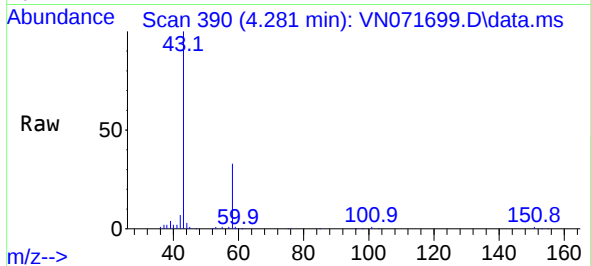
Tgt Ion: 53 Resp: 320336
Ion Ratio Lower Upper
53 100
52 81.7 41.8 125.4
51 35.4 19.0 57.0





#15
Acetone
Concen: 107.954 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

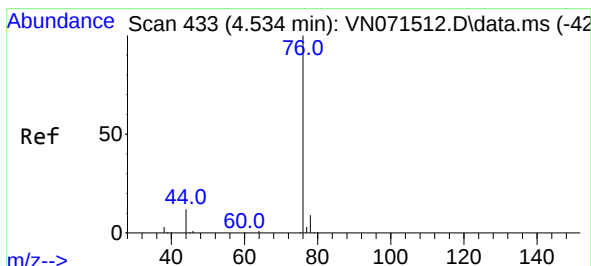
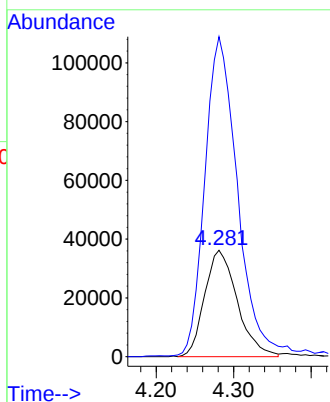
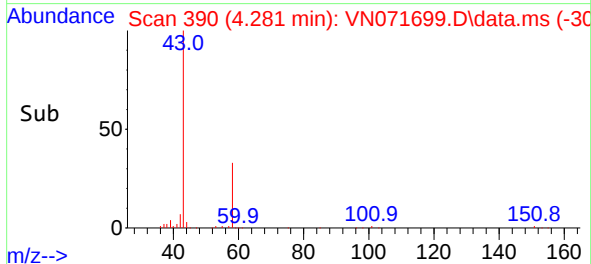
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



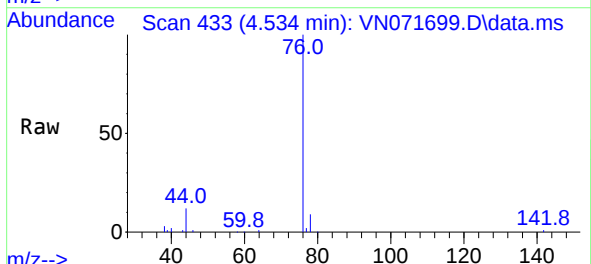
Tgt Ion: 58 Resp: 106158
Ion Ratio Lower Upper
58 100
43 299.1 256.6 384.8

Manual Integrations
APPROVED

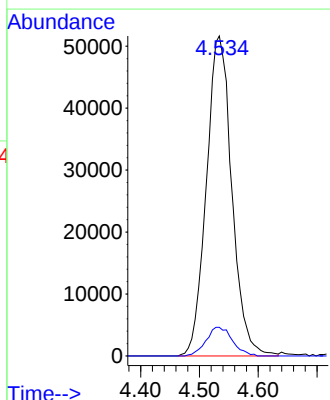
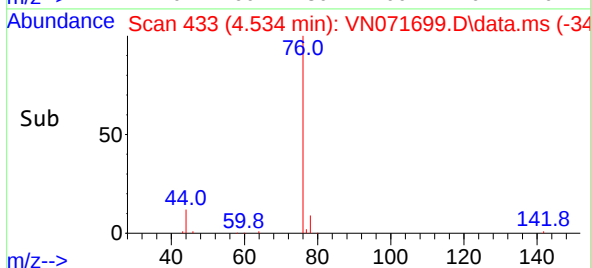
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

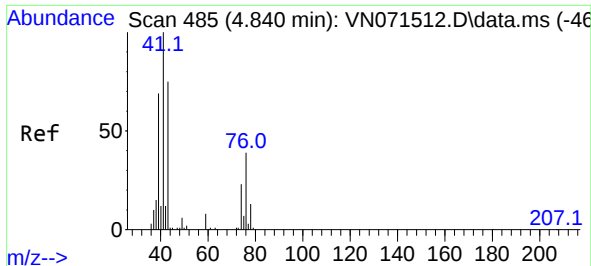


#16
Carbon Disulfide
Concen: 11.149 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



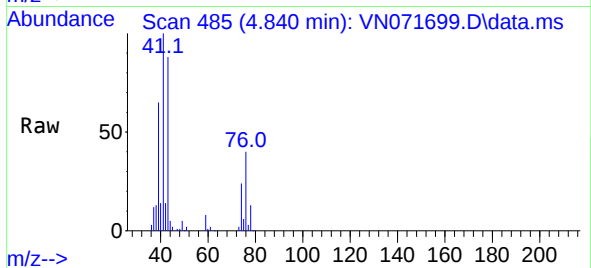
Tgt Ion: 76 Resp: 155398
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





#17
Allyl chloride
Concen: 16.940 ug/l
RT: 4.840 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

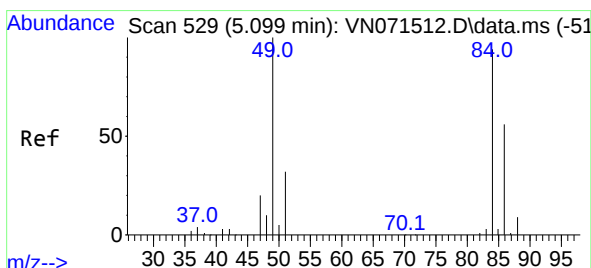
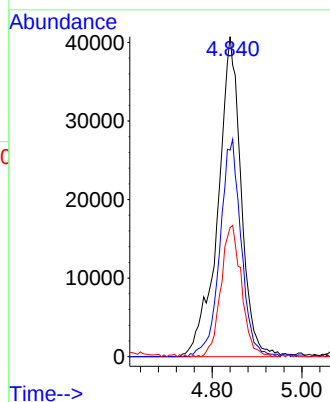
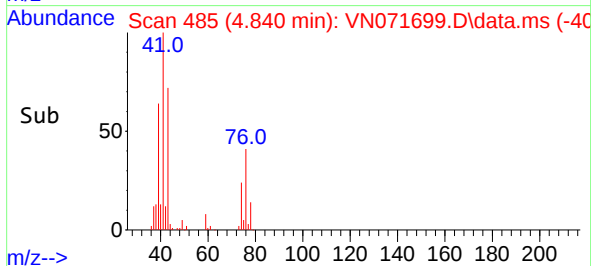
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



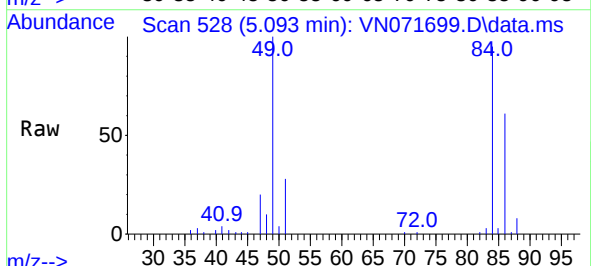
Tgt Ion: 41 Resp: 147092
Ion Ratio Lower Upper
41 100
39 64.6 44.6 134.0
76 39.9 19.6 58.7

Manual Integrations
APPROVED

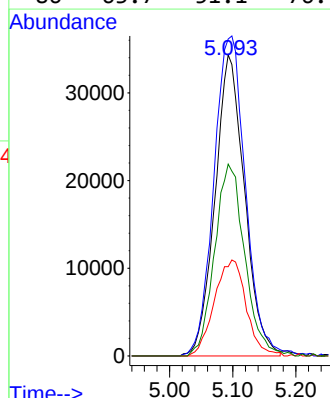
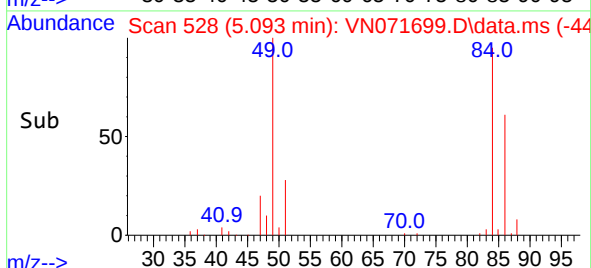
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

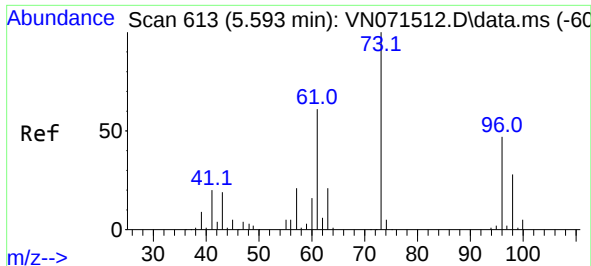


#18
Methylene Chloride
Concen: 17.395 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



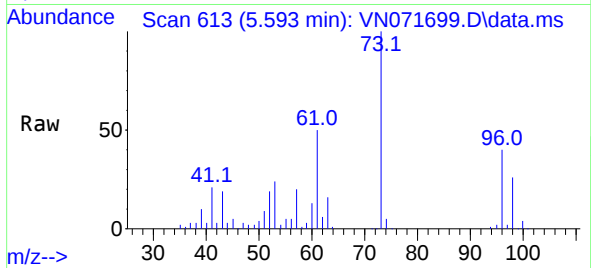
Tgt Ion: 84 Resp: 111716
Ion Ratio Lower Upper
84 100
49 105.2 91.4 137.0
51 29.6 29.4 44.0
86 63.7 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 16.153 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

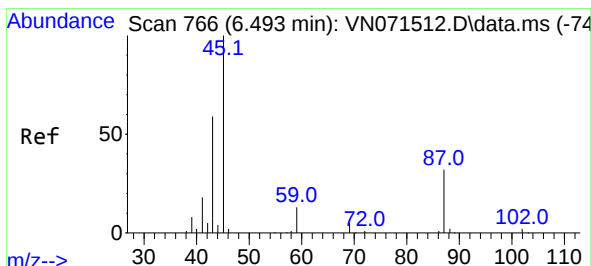
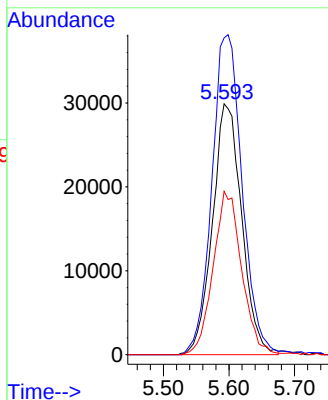
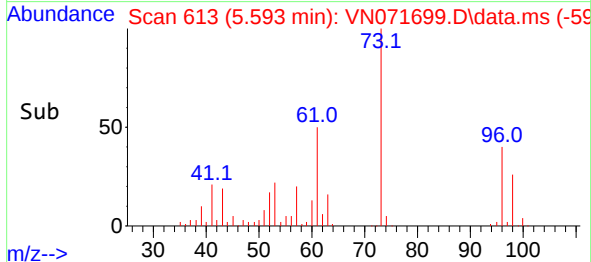
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



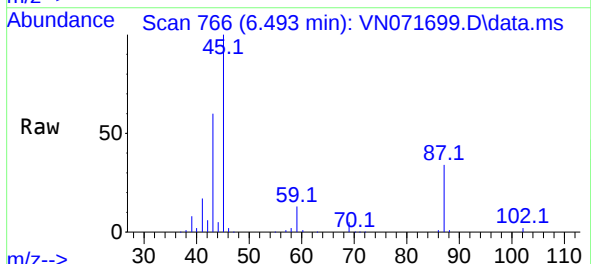
Tgt Ion: 96 Resp: 92489
Ion Ratio Lower Upper
96 100
61 126.3 102.8 154.2
98 65.1 49.3 73.9

Manual Integrations
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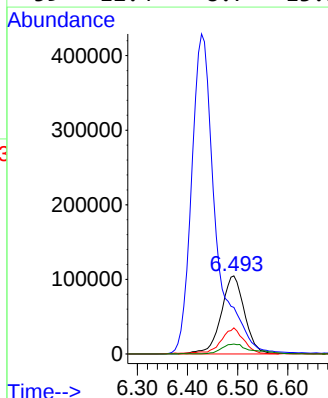
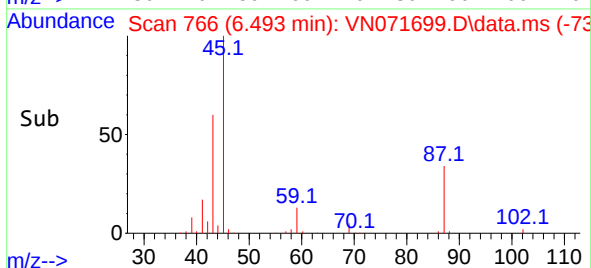
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

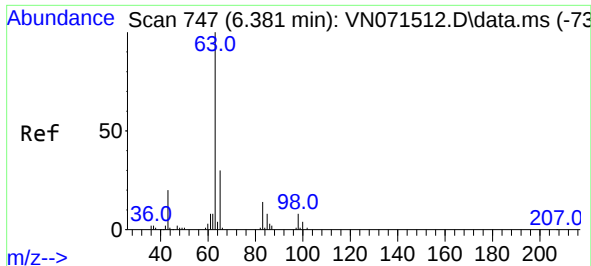


#20
Diisopropyl ether
Concen: 18.657 ug/l
RT: 6.493 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



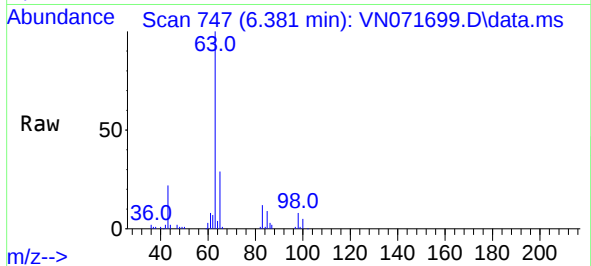
Tgt Ion: 45 Resp: 338953
Ion Ratio Lower Upper
45 100
43 56.9 51.0 76.4
87 33.5 25.0 37.4
59 12.4 8.7 13.1





#21
1,1-Dichloroethane
Concen: 18.048 ug/l
RT: 6.381 min Scan# 747
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

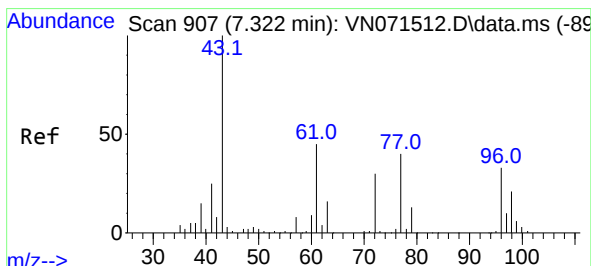
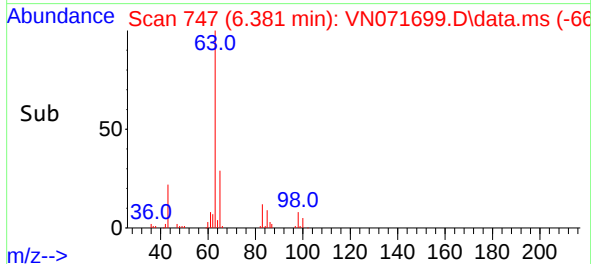
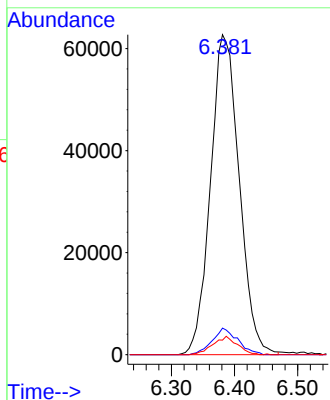
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC020



Tgt Ion: 63 Resp: 197968
Ion Ratio Lower Upper
63 100
98 8.3 3.2 9.6
100 4.6 2.1 6.2

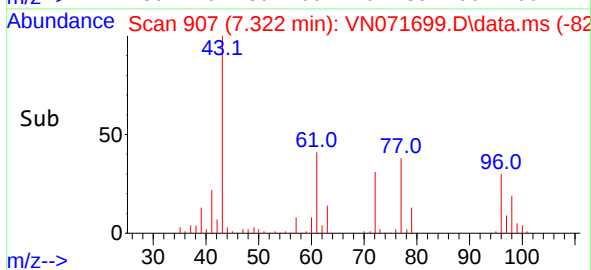
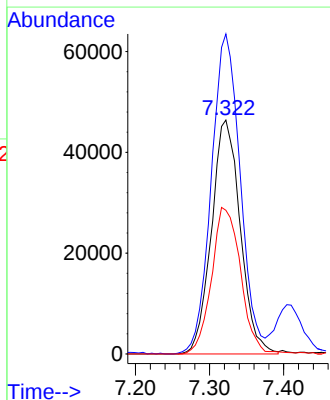
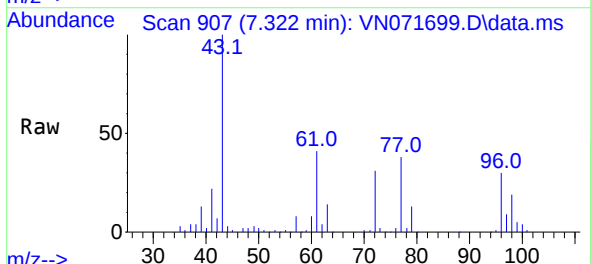
Manual Integrations
APPROVED

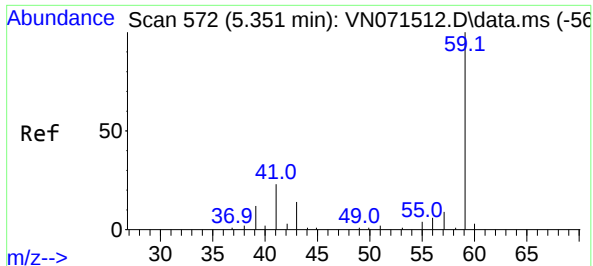
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#22
cis-1,2-Dichloroethene
Concen: 17.986 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Tgt Ion: 96 Resp: 125119
Ion Ratio Lower Upper
96 100
61 137.5 115.7 173.5
98 62.7 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 91.930 ug/l

RT: 5.357 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN071699.D

Acq: 31 Mar 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 59 Resp: 112088

Ion Ratio Lower Upper

59 100

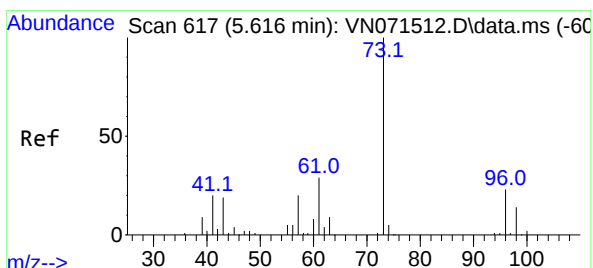
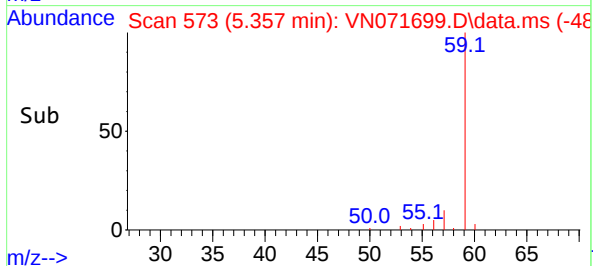
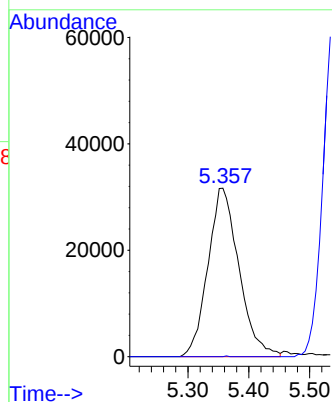
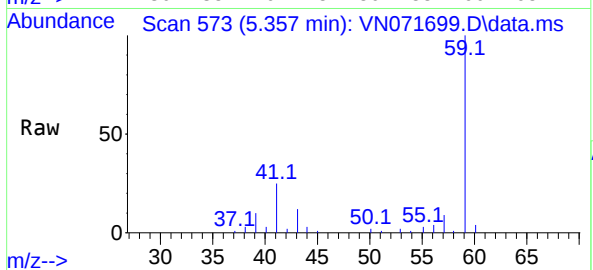
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#24

Methyl tert-Butyl Ether

Concen: 18.867 ug/l

RT: 5.610 min Scan# 616

Delta R.T. -0.006 min

Lab File: VN071699.D

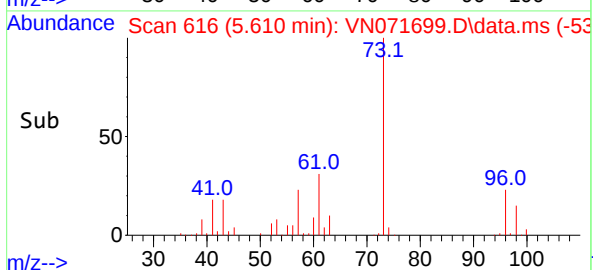
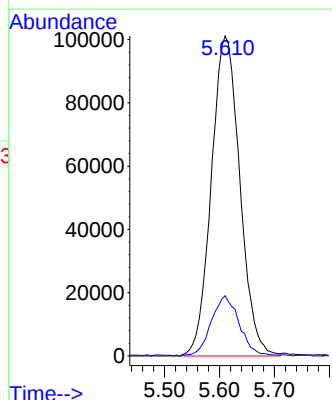
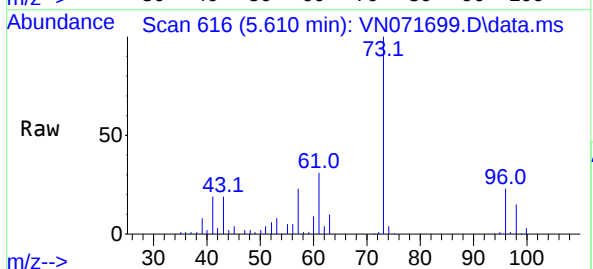
Acq: 31 Mar 2022 10:39

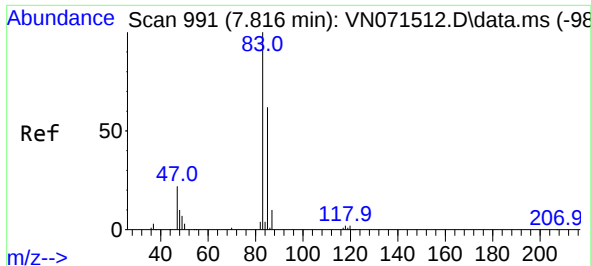
Tgt Ion: 73 Resp: 364528

Ion Ratio Lower Upper

73 100

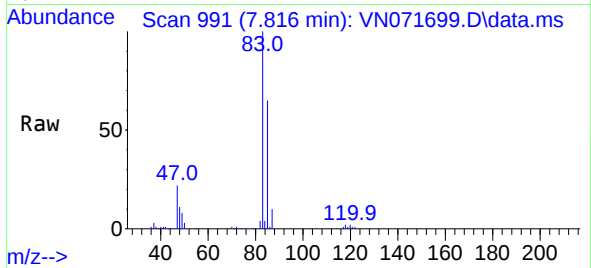
43 18.4 18.1 27.1





#25
Chloroform
Concen: 18.834 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

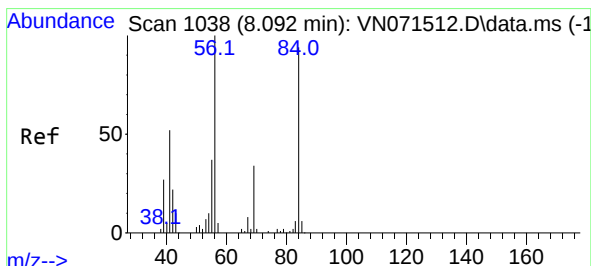
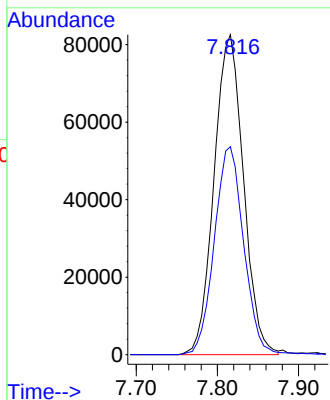
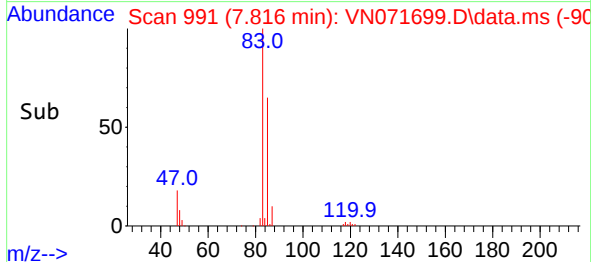
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



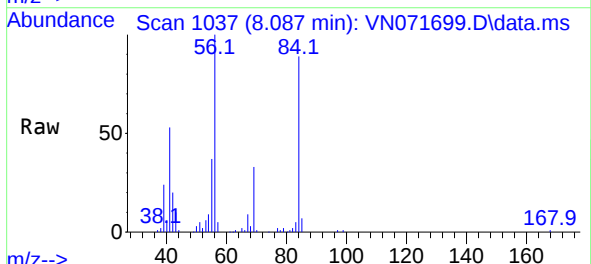
Tgt Ion: 83 Resp: 207772
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

Manual Integrations
APPROVED

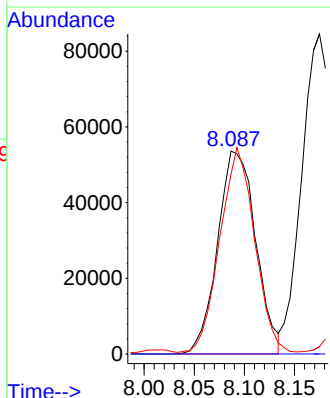
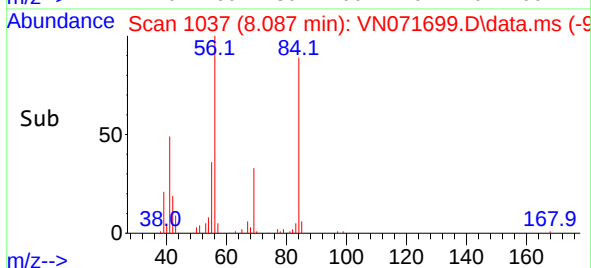
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

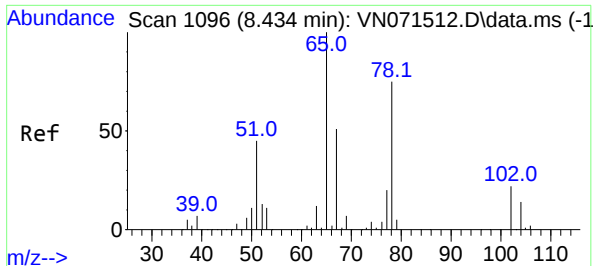


#26
Cyclohexane
Concen: 14.956 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



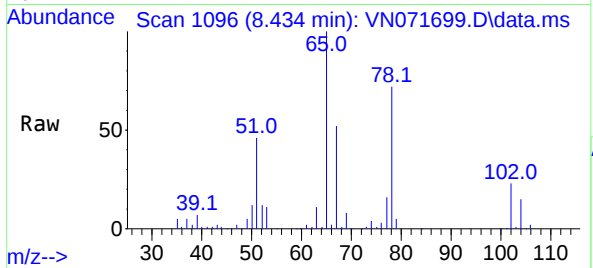
Tgt Ion: 56 Resp: 141804
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 92.2 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.841 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

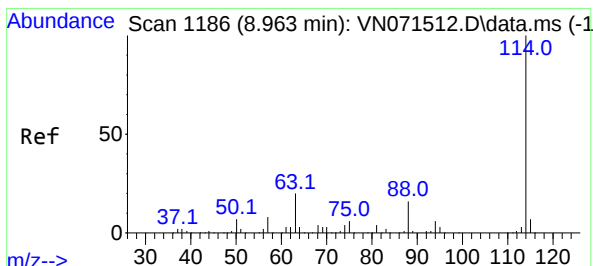
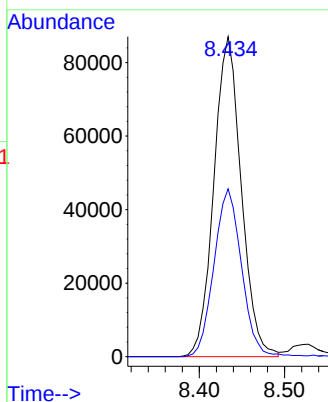
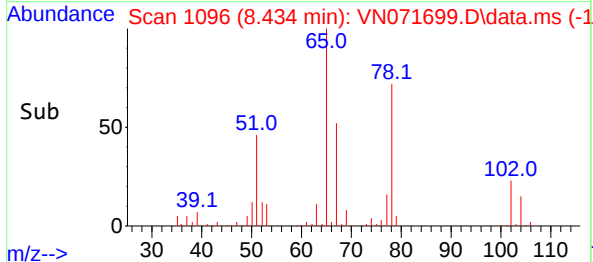
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



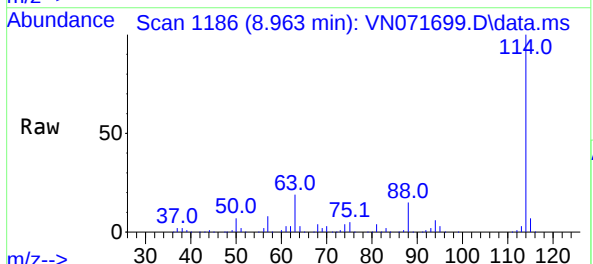
Tgt Ion: 65 Resp: 19427
Ion Ratio Lower Upper
65 100
67 52.8 40.2 60.2

Manual Integrations
APPROVED

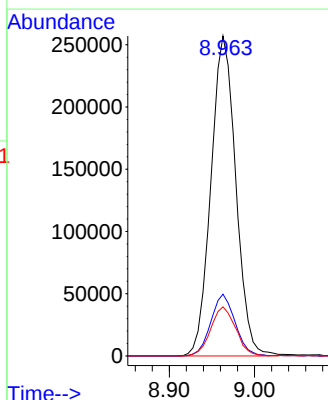
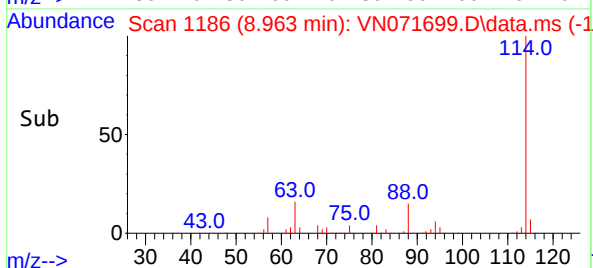
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

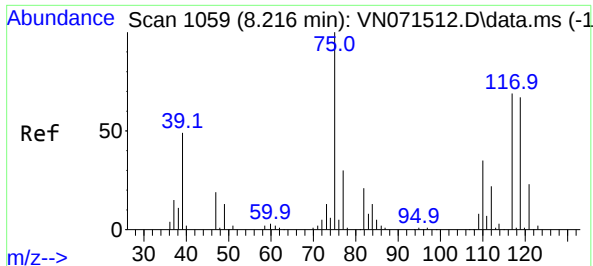


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



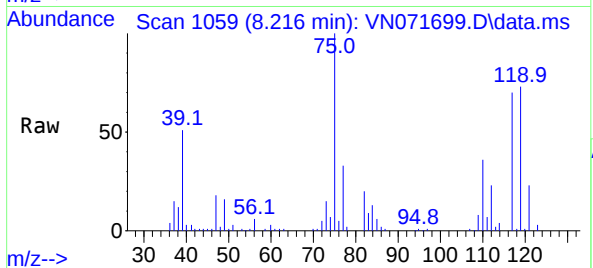
Tgt Ion:114 Resp: 522002
Ion Ratio Lower Upper
114 100
63 18.9 15.8 23.6
88 15.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 15.895 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

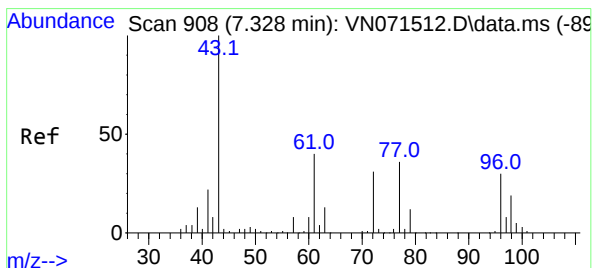
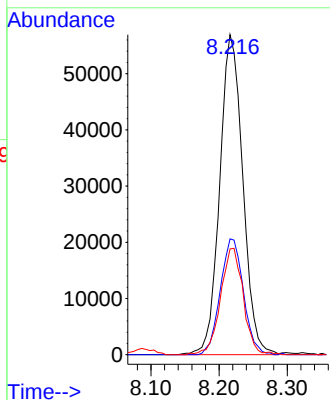
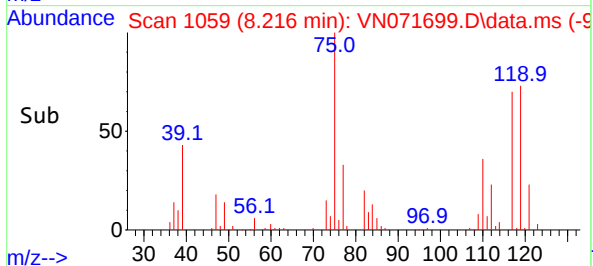
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



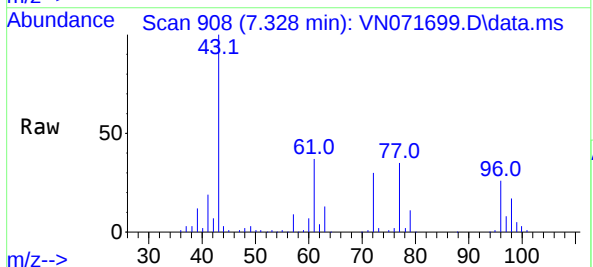
Tgt Ion: 75 Resp: 134290
Ion Ratio Lower Upper
75 100
110 36.2 0.0 74.2
77 32.2 0.0 63.2

Manual Integrations
APPROVED

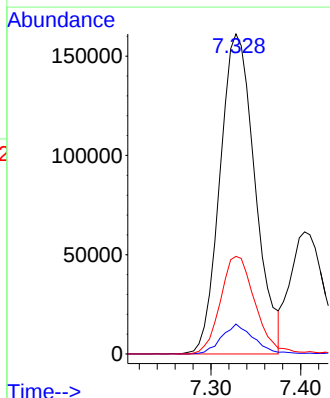
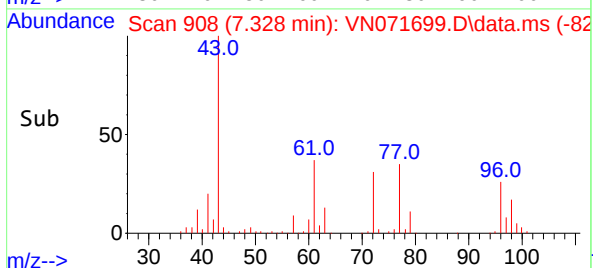
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

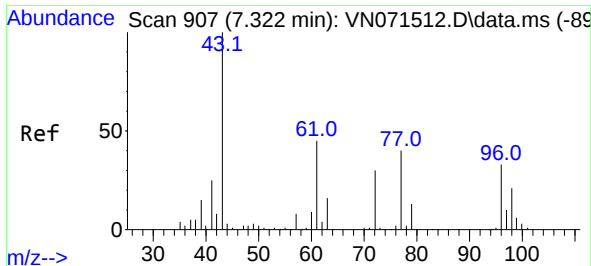


#30
2-Butanone
Concen: 93.025 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion: 43 Resp: 437510
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 30.1 23.2 34.8





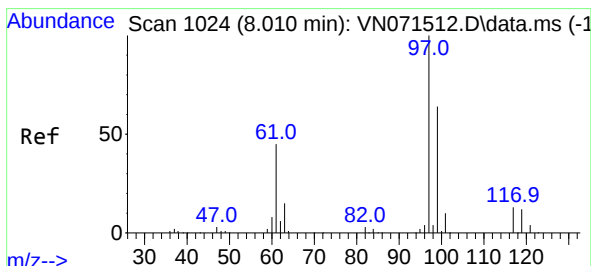
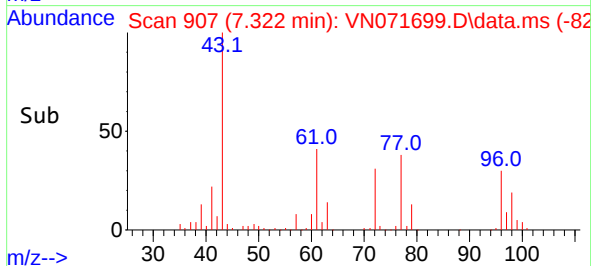
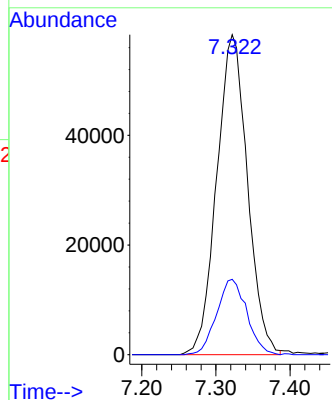
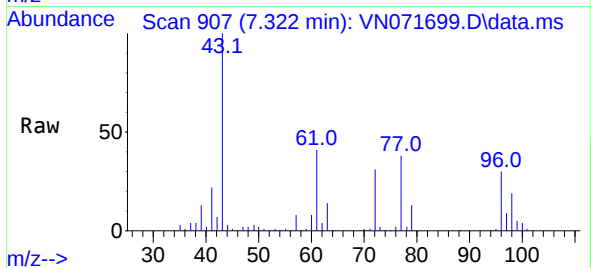
#31
2,2-Dichloropropane
Concen: 17.438 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 16784
Ion Ratio Lower Upper
77 100
97 23.1 18.3 27.5

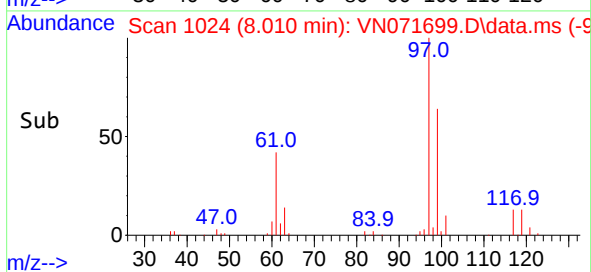
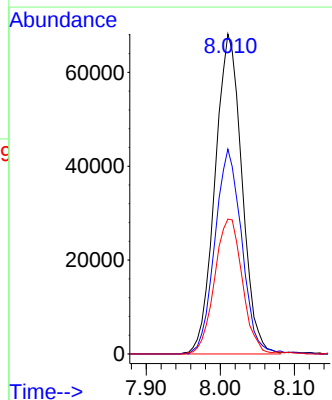
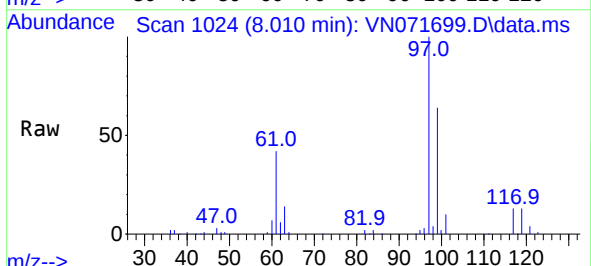
Manual Integrations
APPROVED

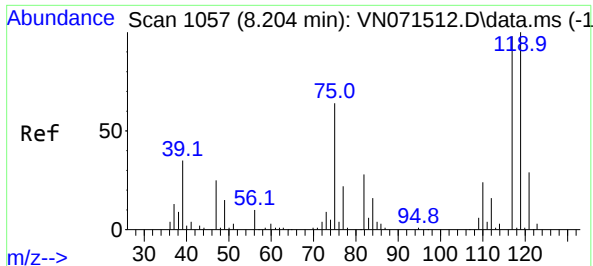
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#32
1,1,1-Trichloroethane
Concen: 17.474 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

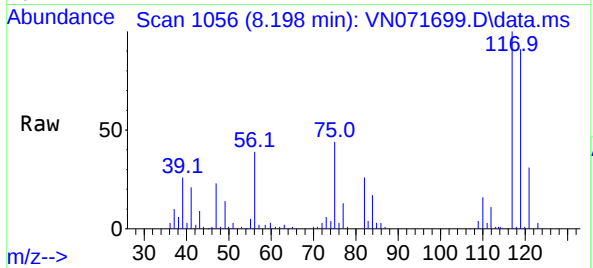
Tgt Ion: 97 Resp: 171951
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 43.5 34.6 51.8





#33
Carbon Tetrachloride
Concen: 16.668 ug/l
RT: 8.198 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

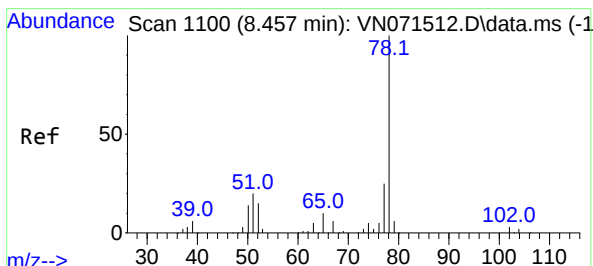
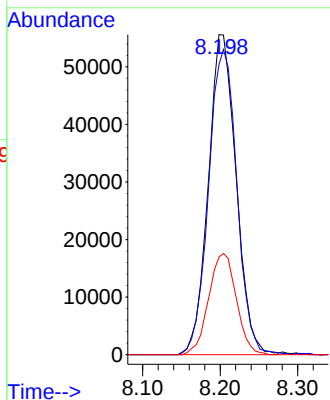
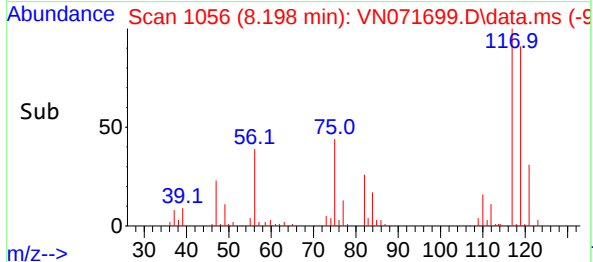
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



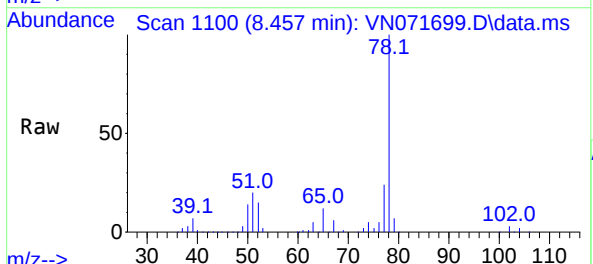
Tgt Ion:117 Resp: 13884
Ion Ratio Lower Upper
117 100
119 90.7 77.5 116.3
121 30.5 23.5 35.3

Manual Integrations
APPROVED

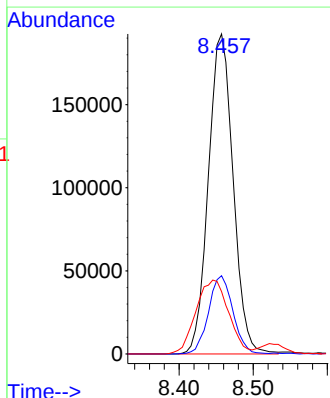
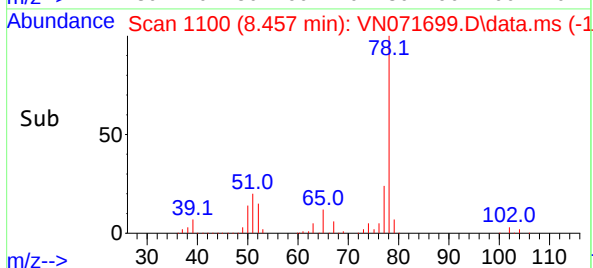
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

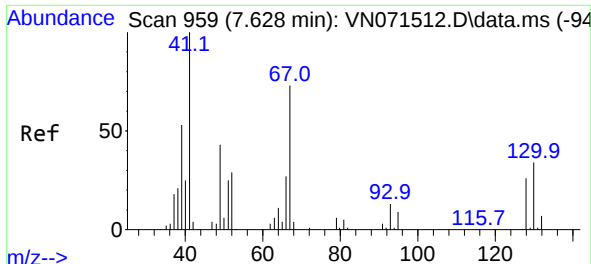


#34
Benzene
Concen: 17.004 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion: 78 Resp: 446365
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 18.4 16.0 24.0





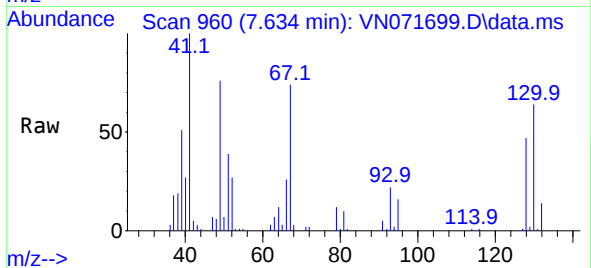
#35
Methacrylonitrile
Concen: 19.446 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



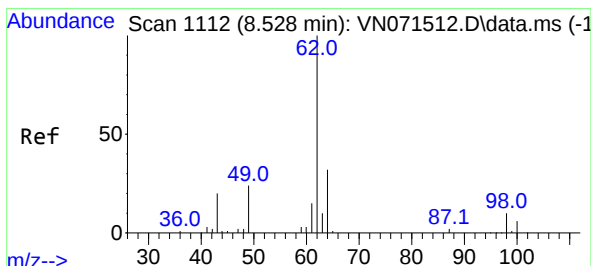
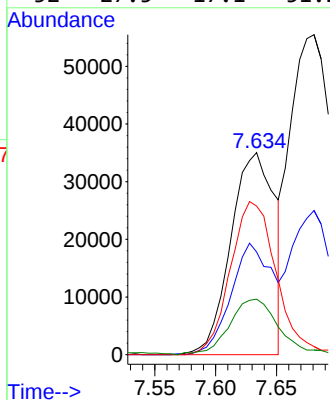
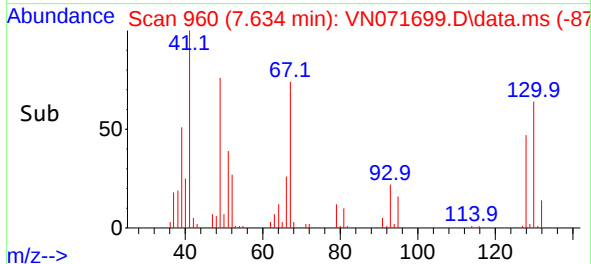
Tgt Ion: 41 Resp: 87748
Ion Ratio Lower Upper
41 100
39 50.3 28.0 83.9
67 73.6 37.7 113.1
52 27.5 17.1 51.2

Manual Integrations

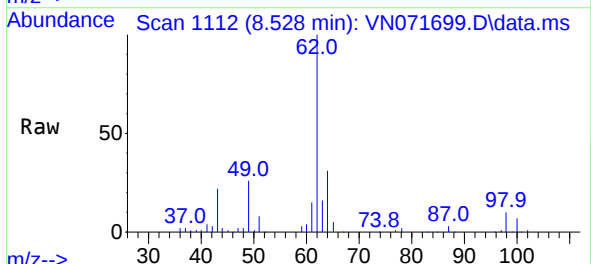
APPROVED

Reviewed By :John Carlone 04/01/2022

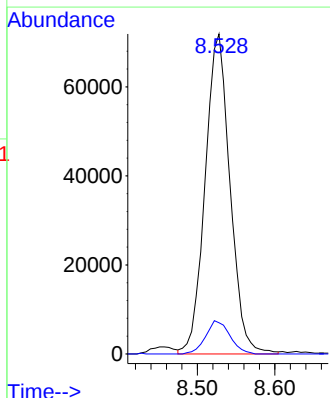
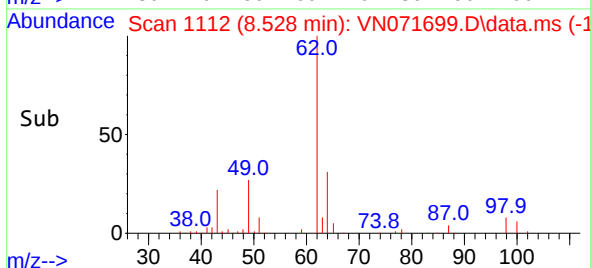
Supervised By :Mahesh Dadoda 04/01/2022

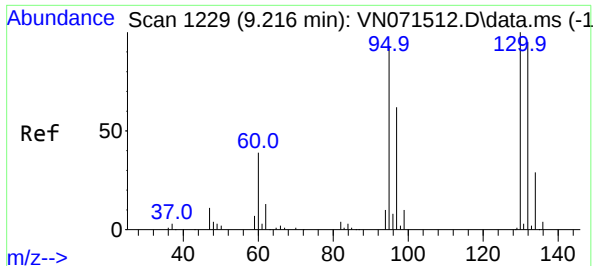


#36
1,2-Dichloroethane
Concen: 17.540 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



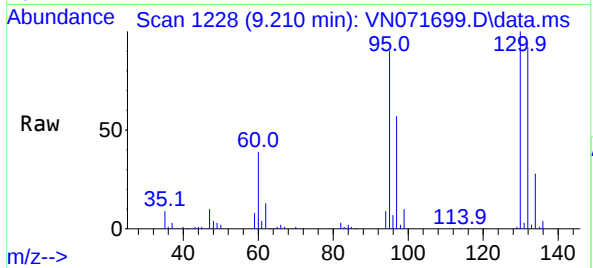
Tgt Ion: 62 Resp: 160623
Ion Ratio Lower Upper
62 100
98 10.1 6.6 10.0#





#37
Trichloroethene
Concen: 16.863 ug/l
RT: 9.210 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

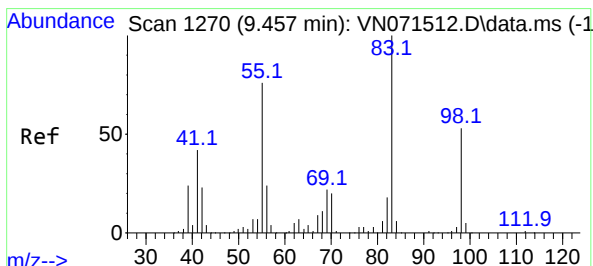
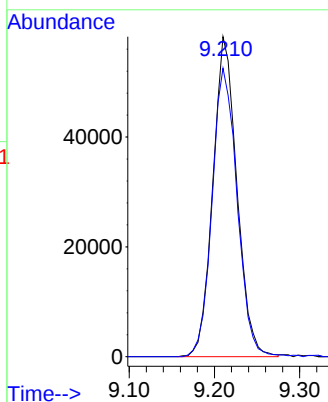
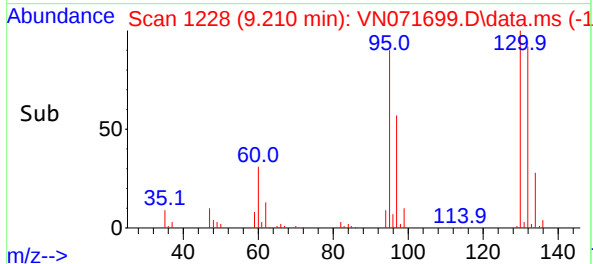
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



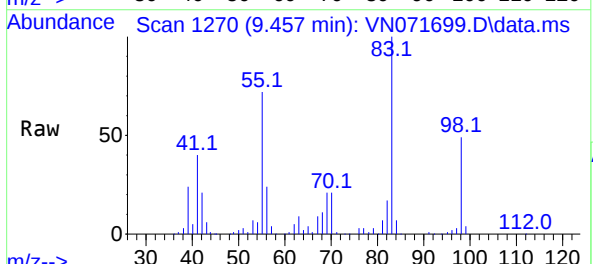
Tgt Ion:130 Resp: 11422
Ion Ratio Lower Upper
130 100
95 90.2 76.6 115.0

Manual Integrations
APPROVED

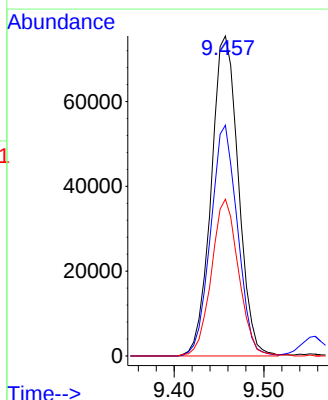
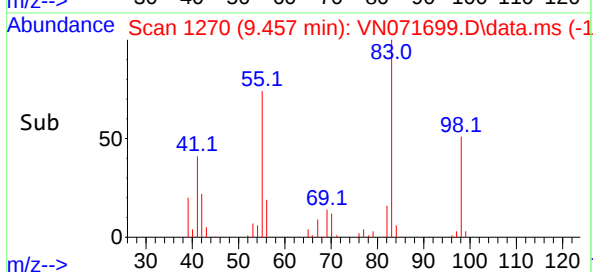
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

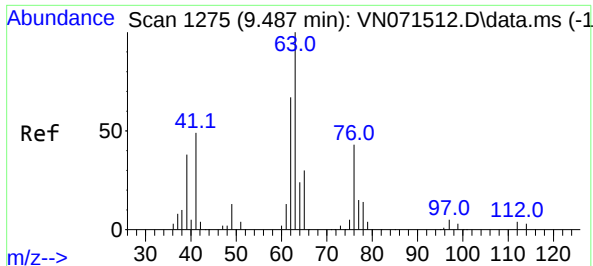


#38
Methylcyclohexane
Concen: 14.901 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



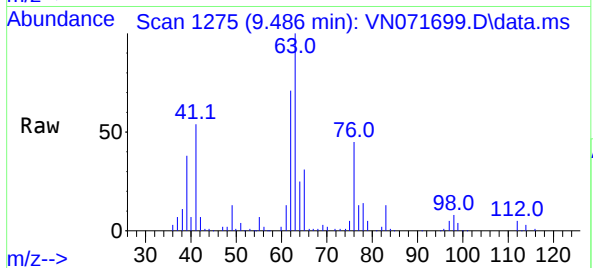
Tgt Ion: 83 Resp: 158695
Ion Ratio Lower Upper
83 100
55 71.1 35.1 105.3
98 49.0 23.4 70.2





#39
1,2-Dichloropropane
Concen: 18.008 ug/l
RT: 9.486 min Scan# 11827
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

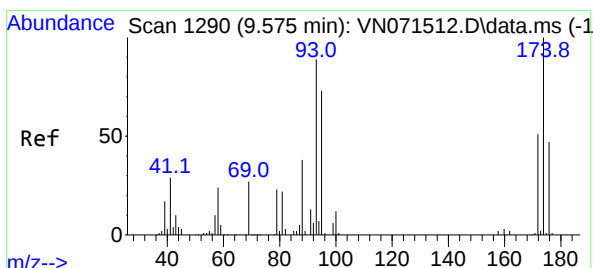
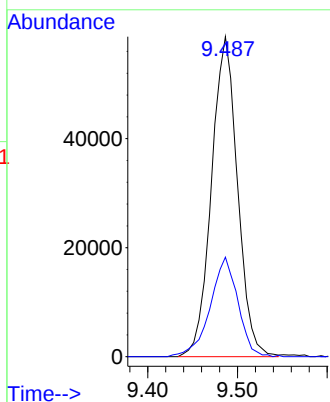
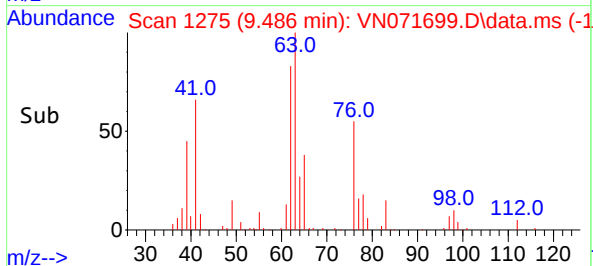
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 11827
Ion Ratio Lower Upper
63 100
65 30.7 24.2 36.4

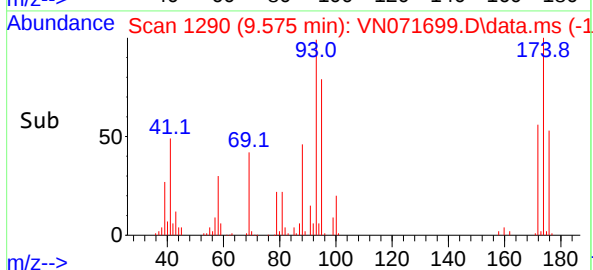
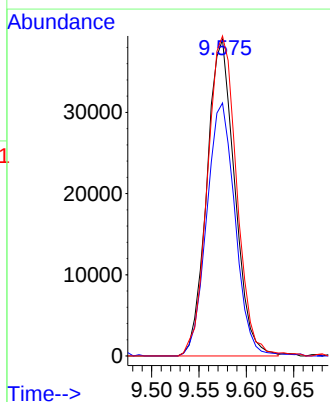
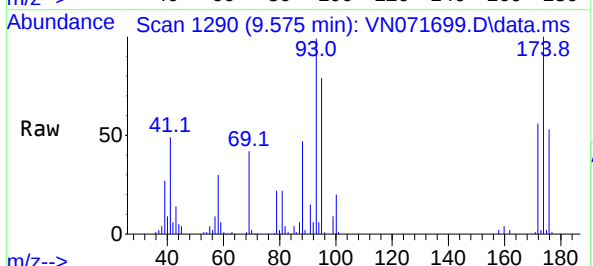
Manual Integrations
APPROVED

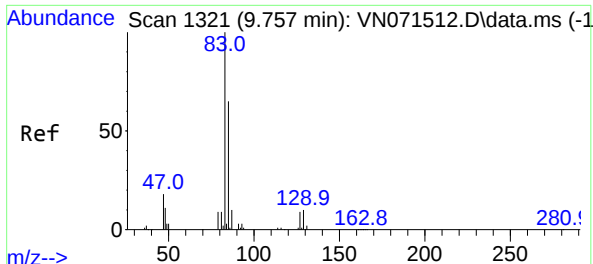
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#40
Dibromomethane
Concen: 17.930 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

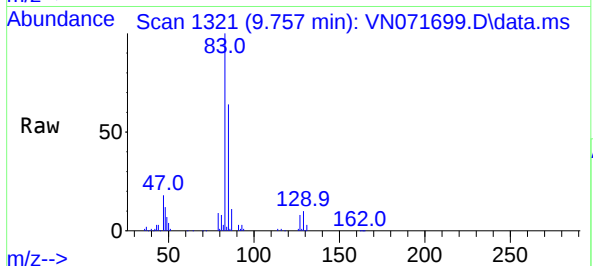
Tgt Ion: 93 Resp: 79707
Ion Ratio Lower Upper
93 100
95 81.4 0.0 168.8
174 105.7 0.0 173.6





#41
Bromodichloromethane
Concen: 18.047 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

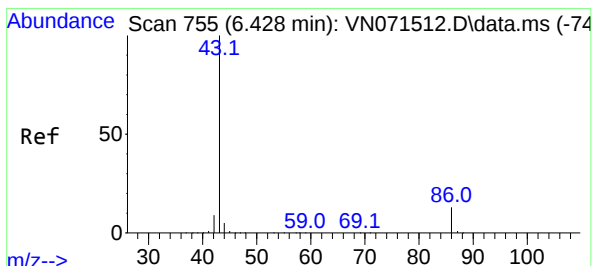
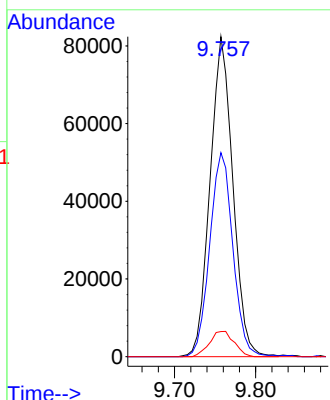
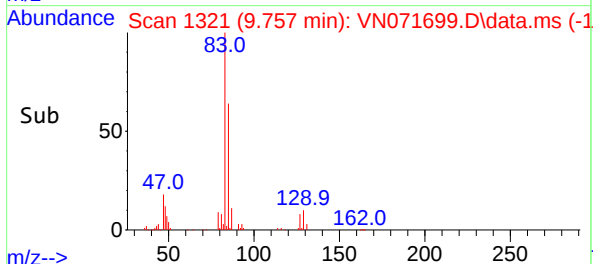
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



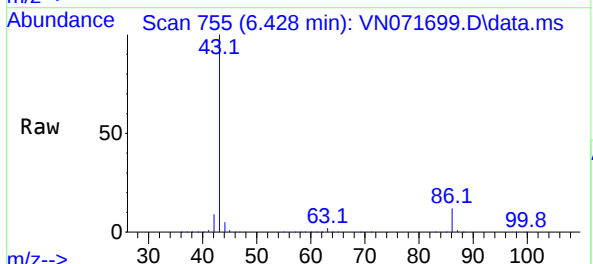
Tgt Ion: 83 Resp: 16053
Ion Ratio Lower Upper
83 100
85 63.7 54.1 81.1
127 7.9 7.6 11.4

Manual Integrations
APPROVED

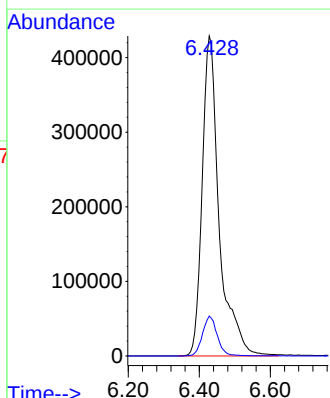
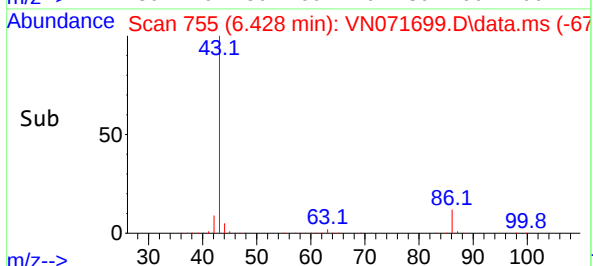
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

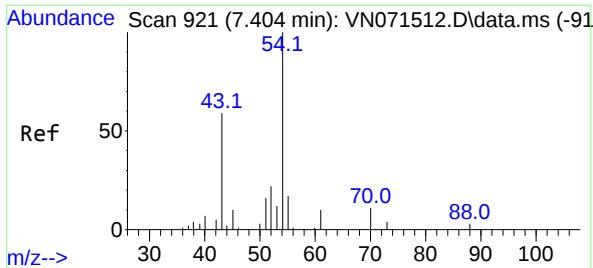


#42
Vinyl Acetate
Concen: 88.787 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion: 43 Resp: 1430787
Ion Ratio Lower Upper
43 100
86 10.8 7.5 11.3





#43

Ethyl Acetate

Concen: 18.336 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN071699.D

Acq: 31 Mar 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 16722

Ion Ratio Lower Upper

43 100

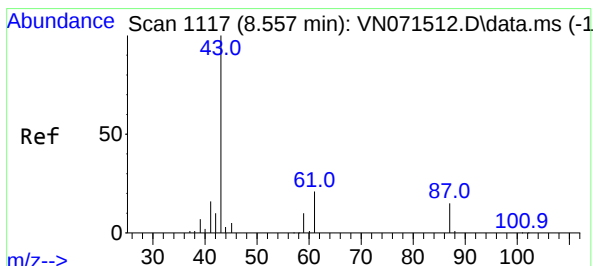
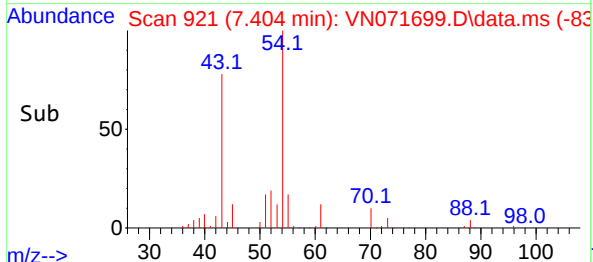
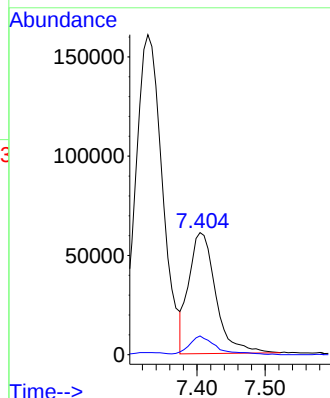
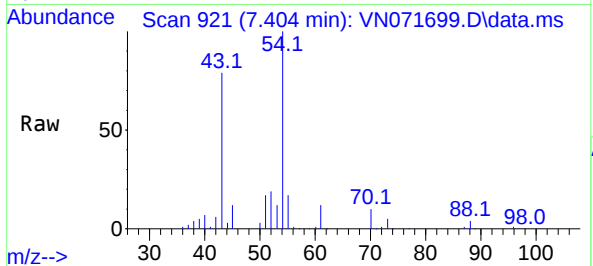
45 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#44

Isopropyl Acetate

Concen: 18.184 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071699.D

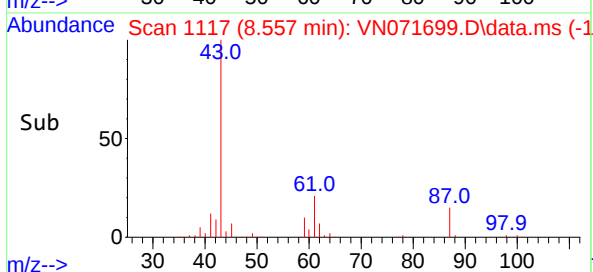
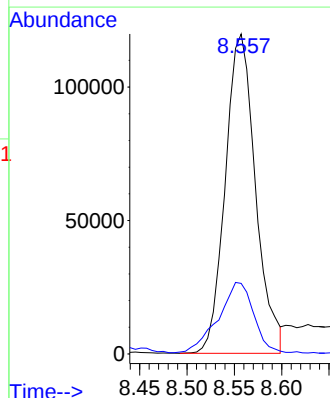
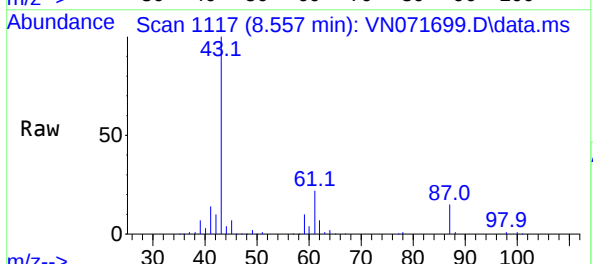
Acq: 31 Mar 2022 10:39

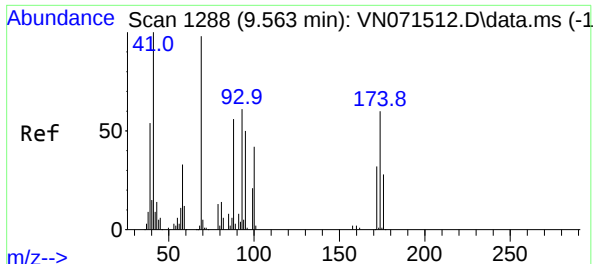
Tgt Ion: 43 Resp: 265983

Ion Ratio Lower Upper

43 100

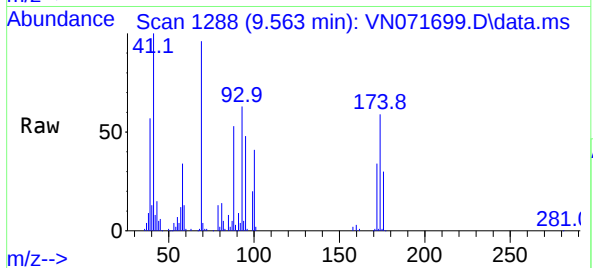
61 26.9 20.1 30.1





#45
1,4-Dioxane
Concen: 370.438 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

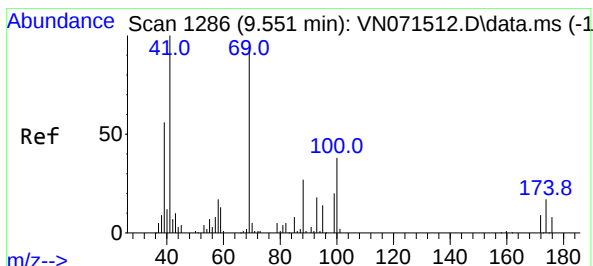
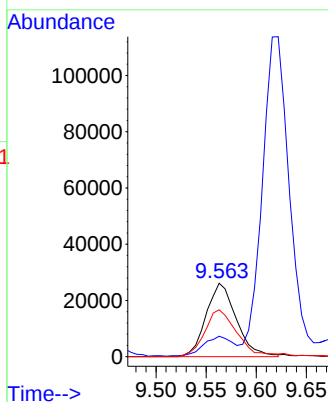
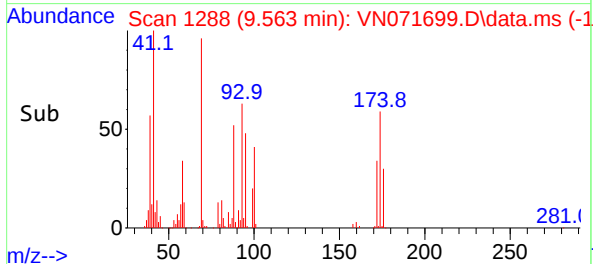
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



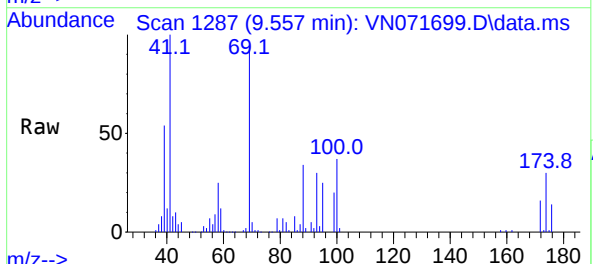
Tgt Ion: 88 Resp: 54668
Ion Ratio Lower Upper
88 100
43 26.0 25.0 37.6
58 67.9 49.4 74.2

Manual Integrations
APPROVED

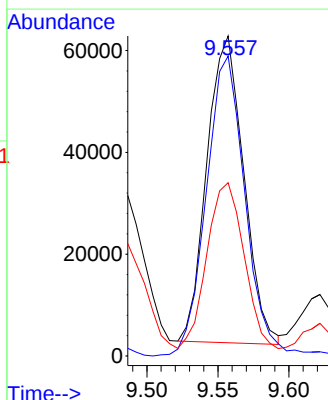
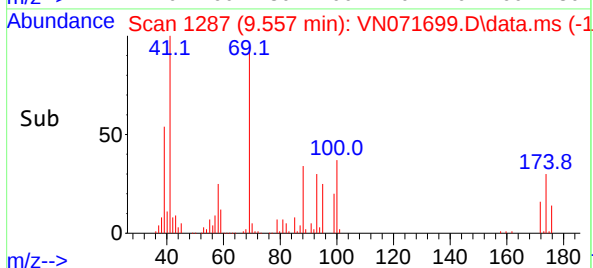
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

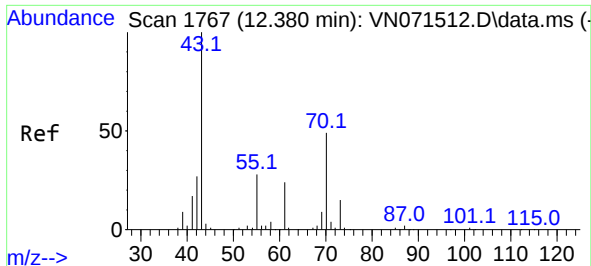


#46
Methyl methacrylate
Concen: 16.939 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



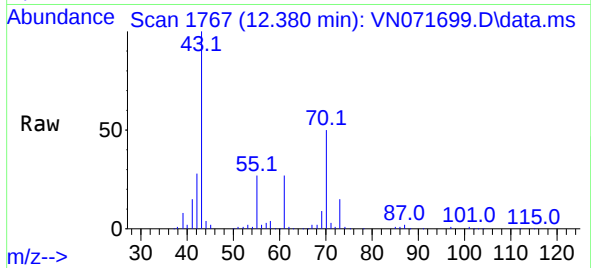
Tgt Ion: 41 Resp: 108655
Ion Ratio Lower Upper
41 100
69 96.0 44.4 133.2
39 54.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 16.778 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

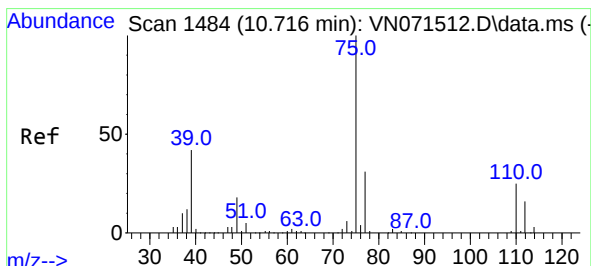
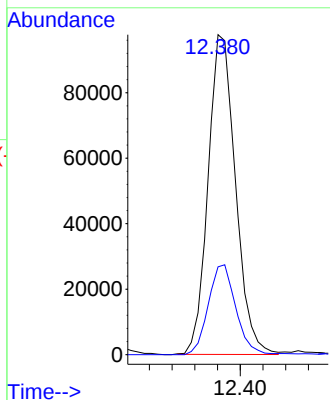
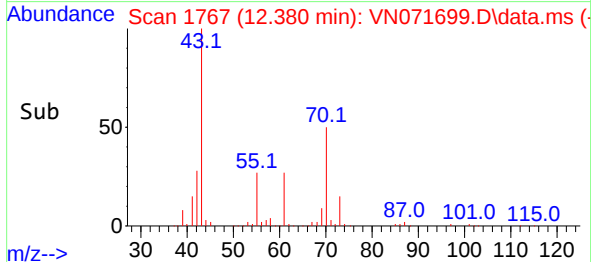
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



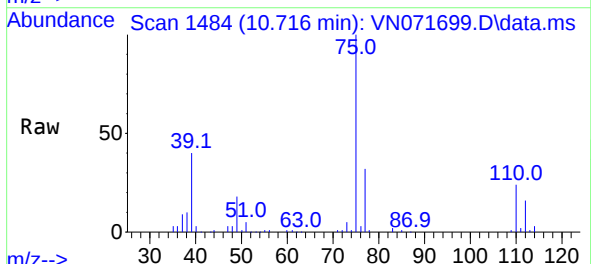
Tgt Ion: 43 Resp: 163764
Ion Ratio Lower Upper
43 100
55 28.1 19.0 28.6

Manual Integrations
APPROVED

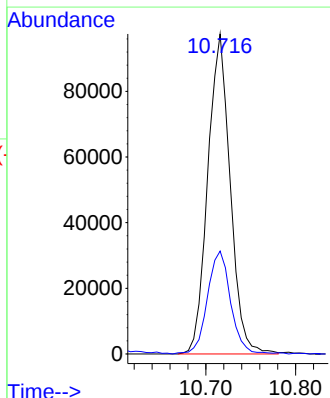
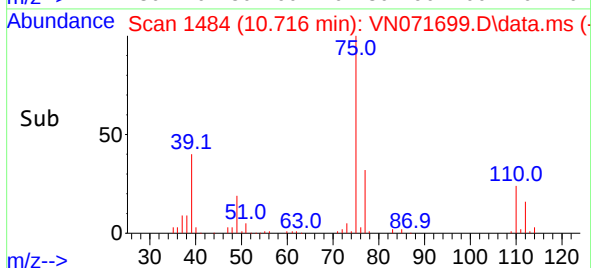
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

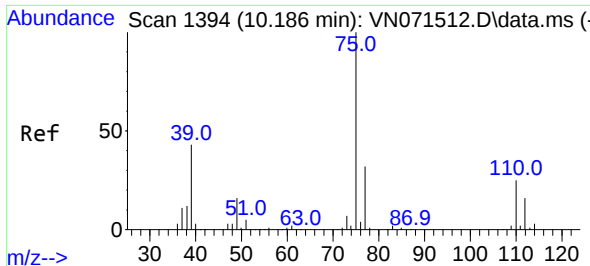


#48
t-1,3-Dichloropropene
Concen: 17.508 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



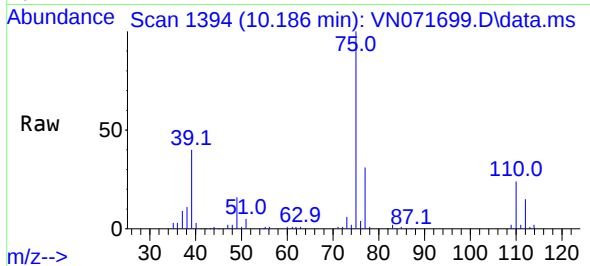
Tgt Ion: 75 Resp: 169286
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 17.559 ug/l
RT: 10.186 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

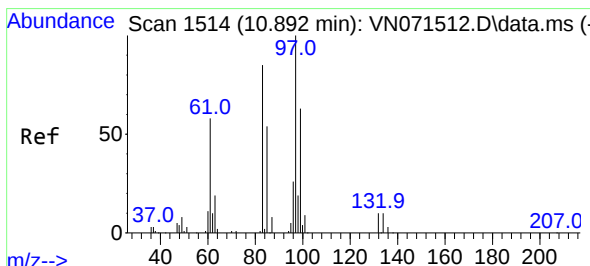
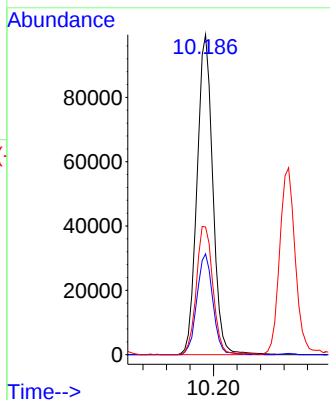
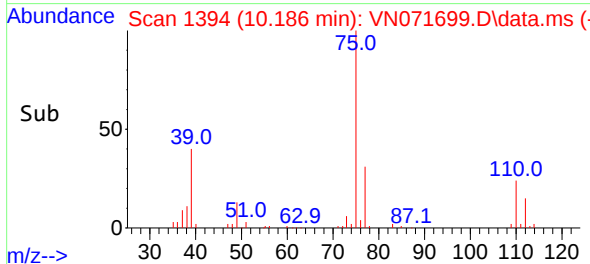
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



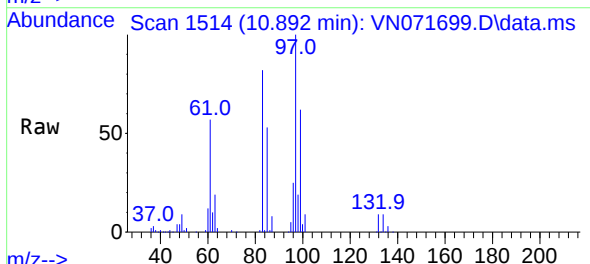
Tgt Ion: 75 Resp: 18565
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 39.9 46.2 69.4

Manual Integrations
APPROVED

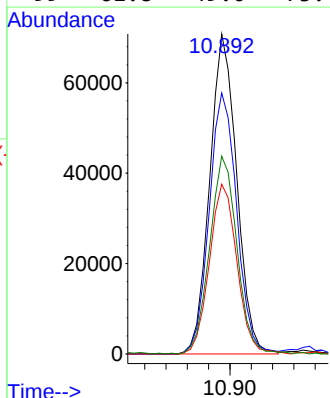
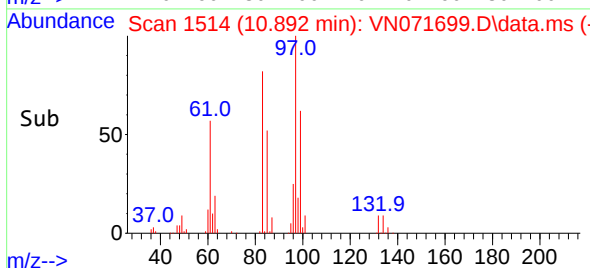
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

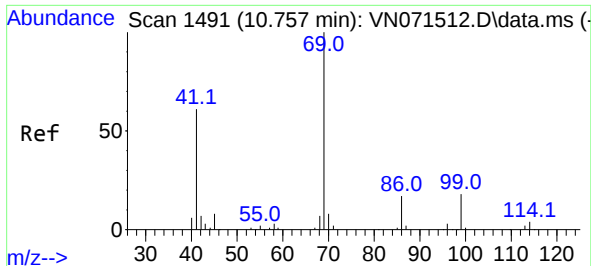


#50
1,1,2-Trichloroethane
Concen: 18.734 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion: 97 Resp: 124497
Ion Ratio Lower Upper
97 100
83 81.5 67.2 100.8
85 53.1 43.0 64.4
99 61.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.071 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

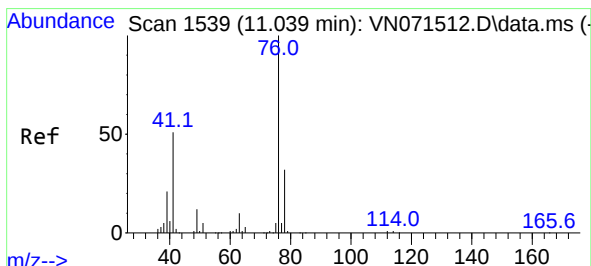
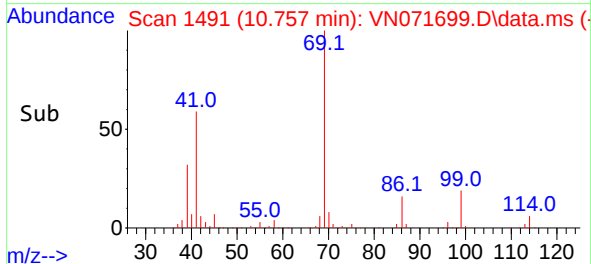
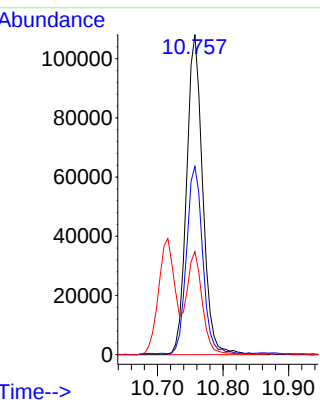
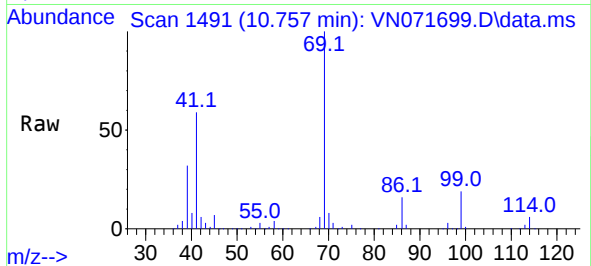
VSTDCCC020

Tgt Ion: 69 Resp: 185428
Ion Ratio Lower Upper
69 100
41 58.5 33.0 98.9
39 31.8 25.4 76.4

Manual Integrations

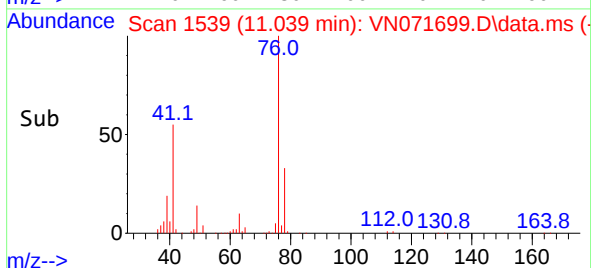
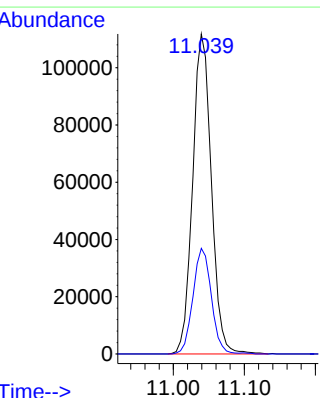
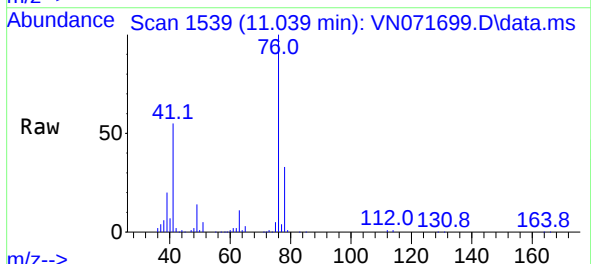
APPROVED

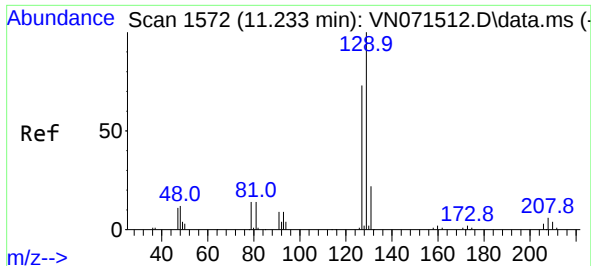
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#52
1,3-Dichloropropane
Concen: 18.056 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

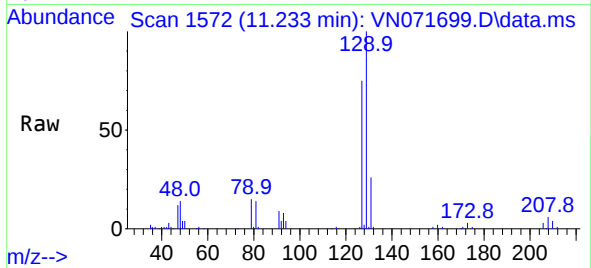
Tgt Ion: 76 Resp: 204924
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.4





#53
Dibromochloromethane
Concen: 18.391 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

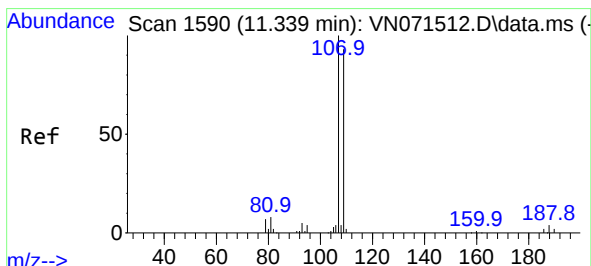
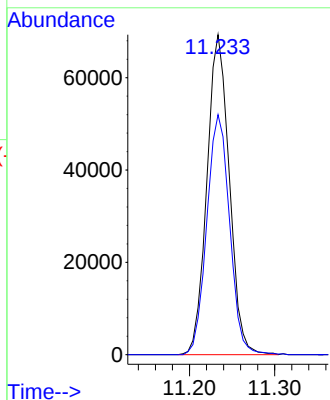
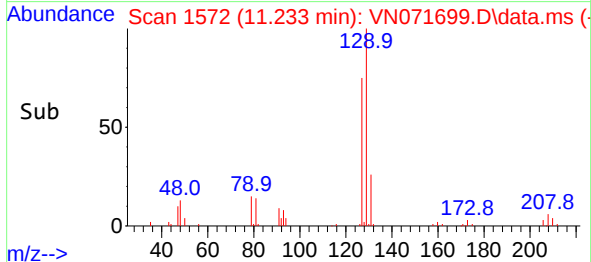
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



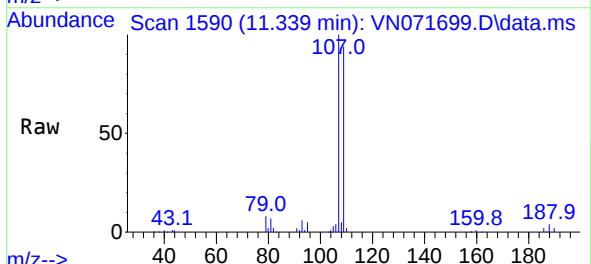
Tgt Ion:129 Resp: 126510
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

Manual Integrations
APPROVED

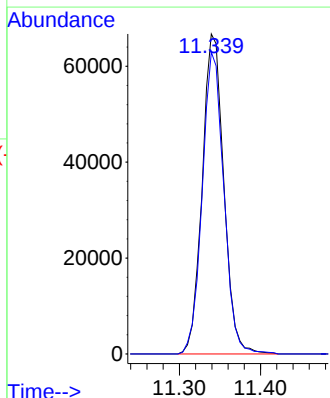
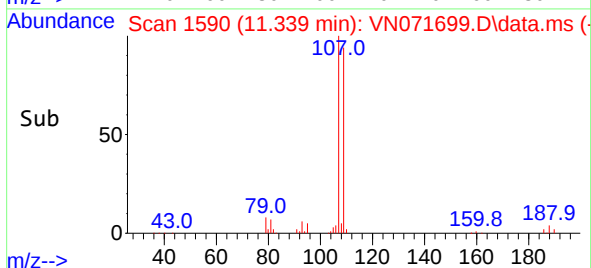
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

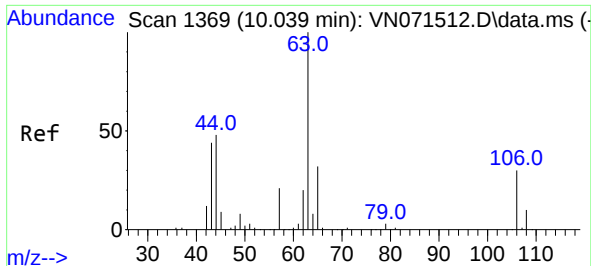


#54
1,2-Dibromoethane
Concen: 17.976 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion:107 Resp: 122883
Ion Ratio Lower Upper
107 100
109 94.5 72.8 109.2





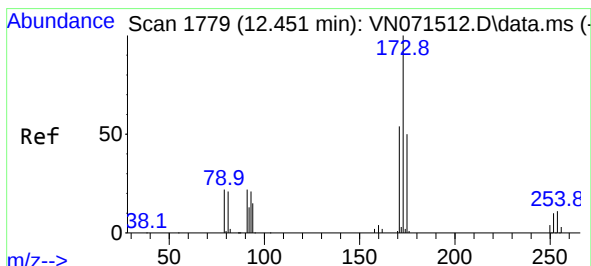
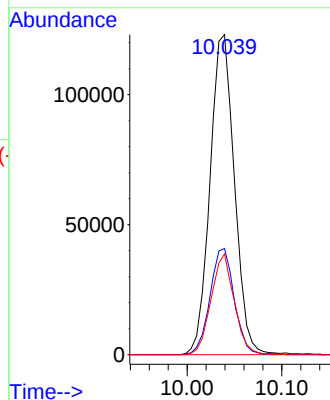
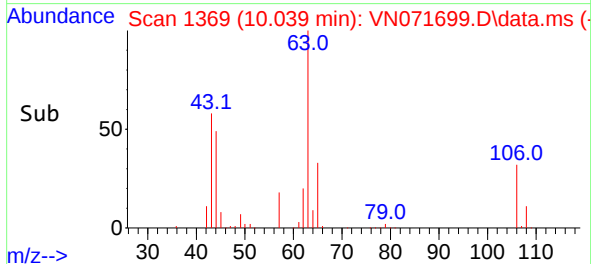
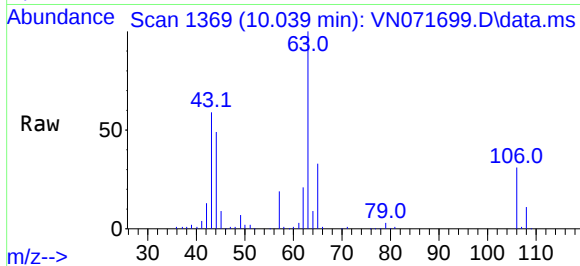
#55
2-Chloroethyl vinyl ether
Concen: 79.869 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 220812
Ion Ratio Lower Upper
63 100
65 32.7 25.4 38.0
106 29.8 23.2 34.8

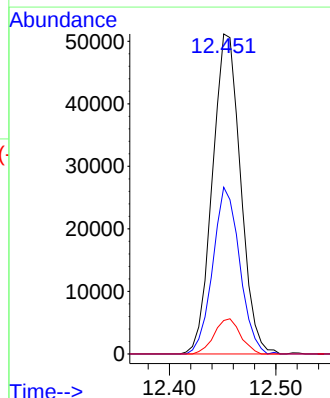
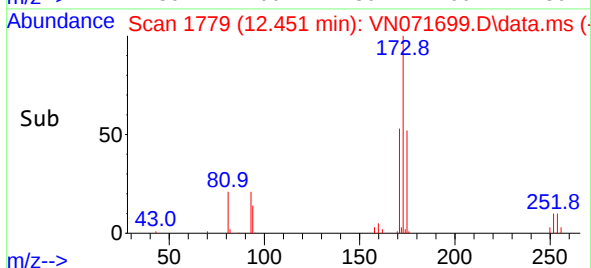
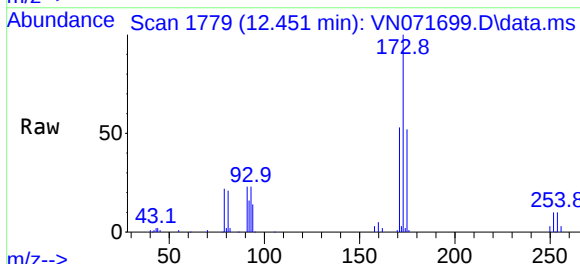
Manual Integrations
APPROVED

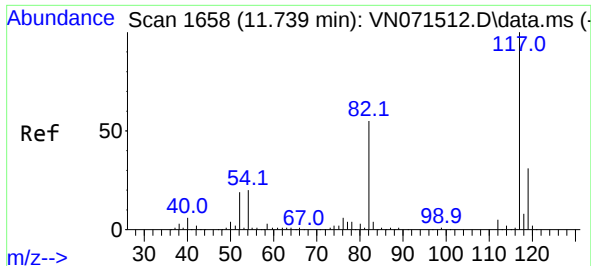
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#56
Bromoform
Concen: 17.681 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Tgt Ion:173 Resp: 93783
Ion Ratio Lower Upper
173 100
175 49.7 38.6 58.0
254 10.3 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

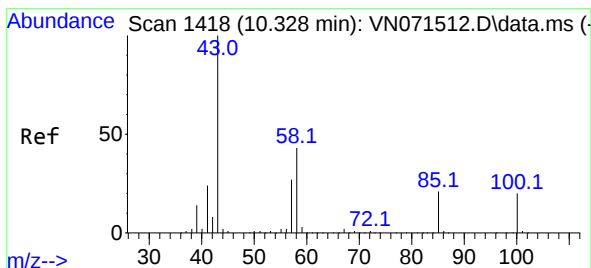
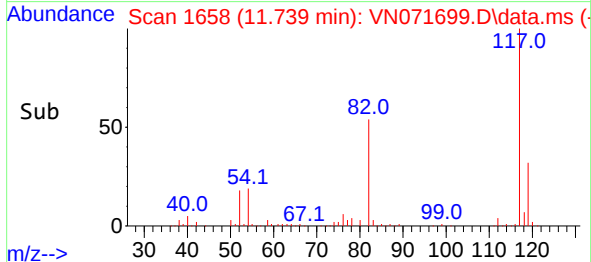
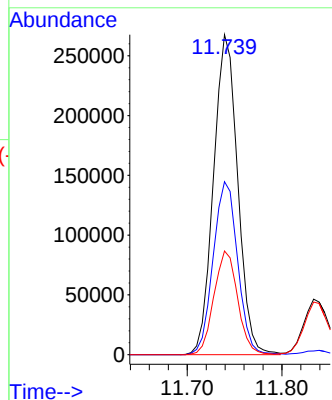
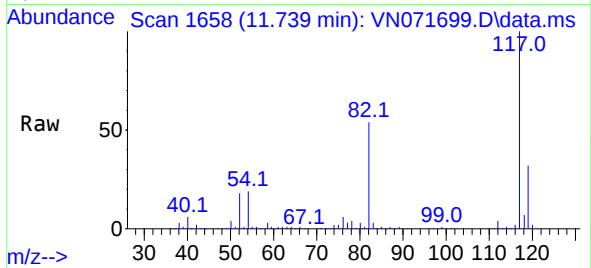
VSTDCCC020

Tgt Ion:117 Resp: 475594
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 31.8 25.8 38.6

Manual Integrations

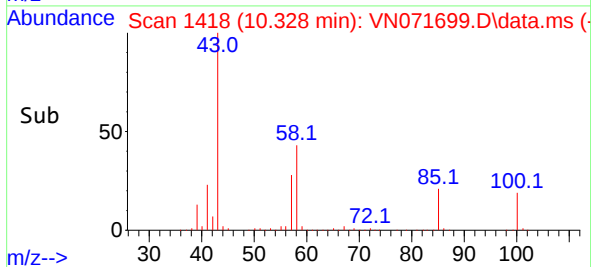
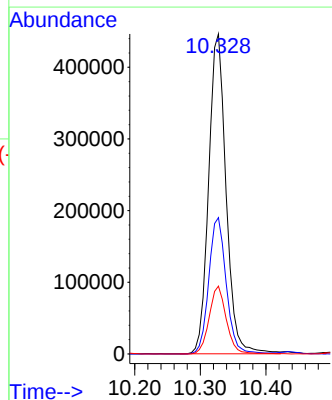
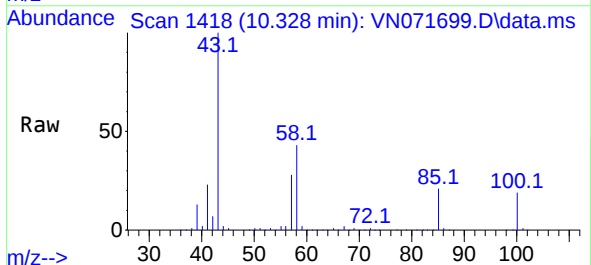
APPROVED

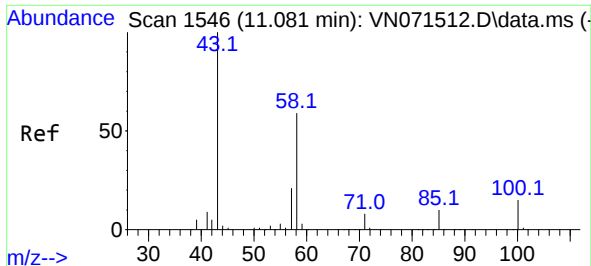
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#58
4-Methyl-2-Pentanone
Concen: 91.465 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Tgt Ion: 43 Resp: 825757
Ion Ratio Lower Upper
43 100
58 42.7 30.0 45.0
85 20.8 15.0 22.6





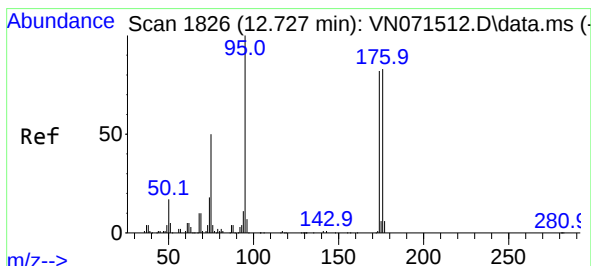
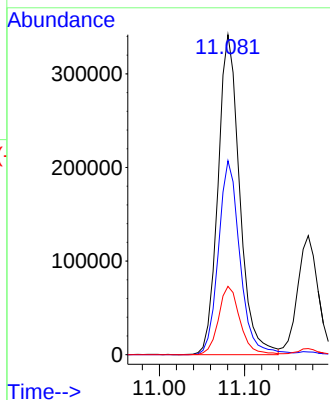
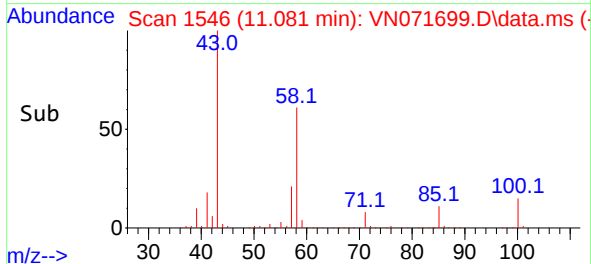
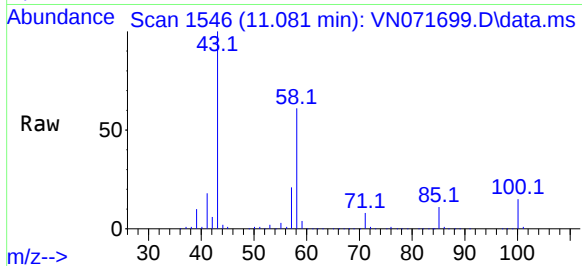
#59
2-Hexanone
Concen: 91.747 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 604750
Ion Ratio Lower Upper
43 100
58 60.3 42.2 63.2
57 21.1 15.0 22.4

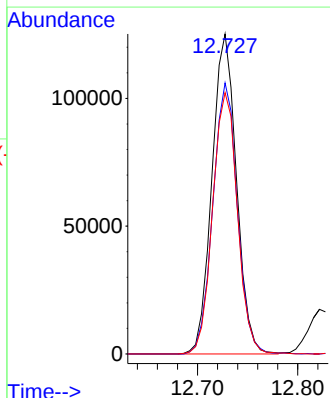
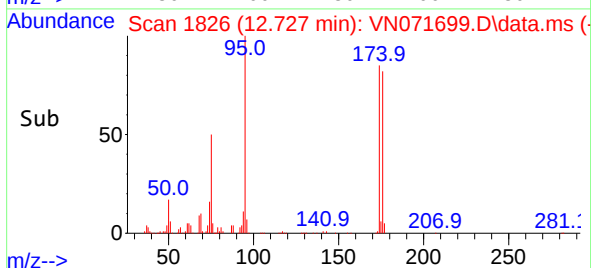
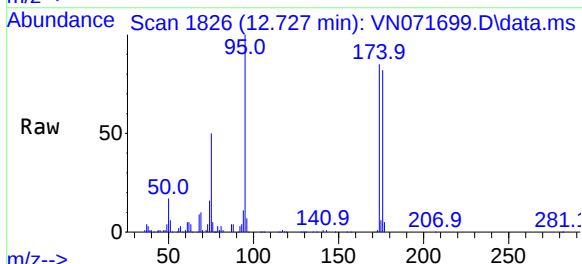
Manual Integrations
APPROVED

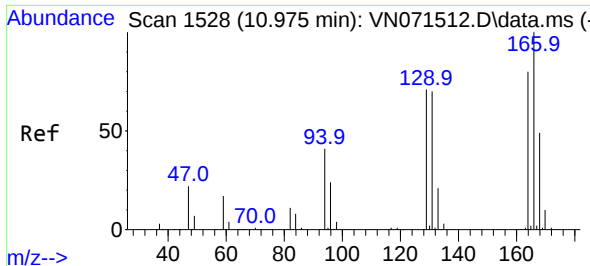
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
4-Bromofluorobenzene
Concen: 30.090 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

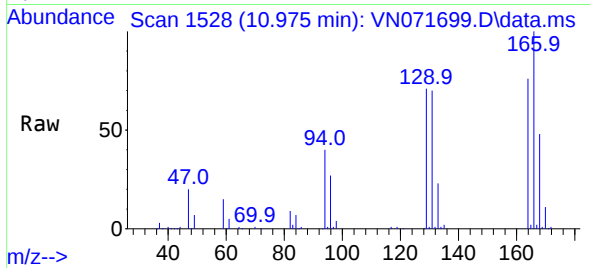
Tgt Ion: 95 Resp: 212191
Ion Ratio Lower Upper
95 100
174 84.6 62.9 94.3
176 82.7 61.0 91.4





#61
Tetrachloroethene
Concen: 16.838 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

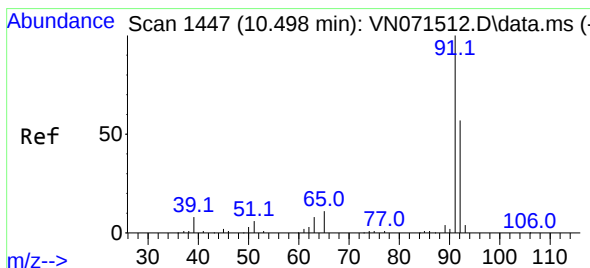
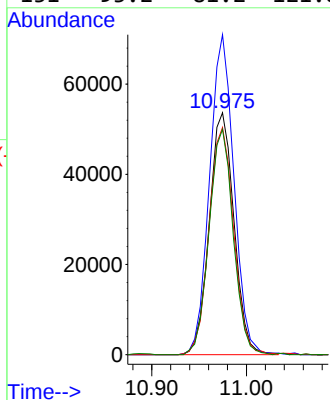
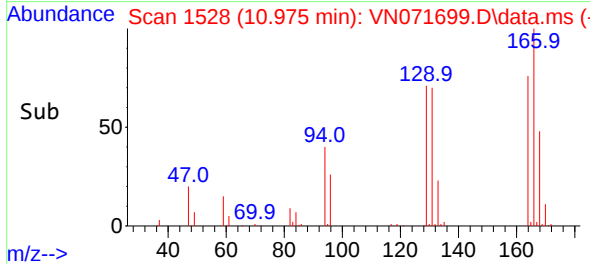
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



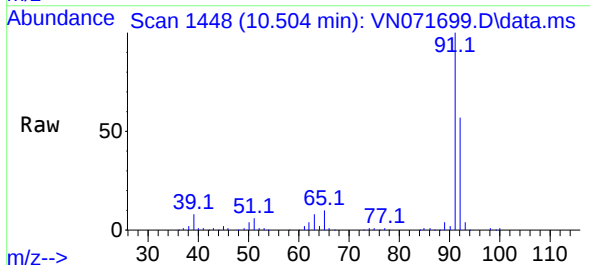
Tgt Ion:164 Resp: 9746
Ion Ratio Lower Upper
164 100
166 132.3 105.8 158.8
129 93.9 82.5 123.7
131 93.2 81.2 121.8

Manual Integrations
APPROVED

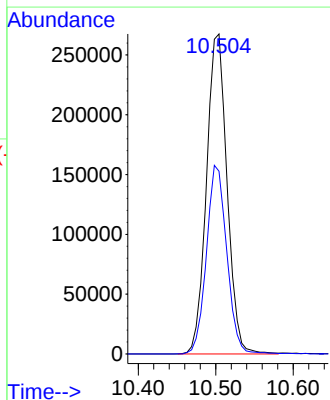
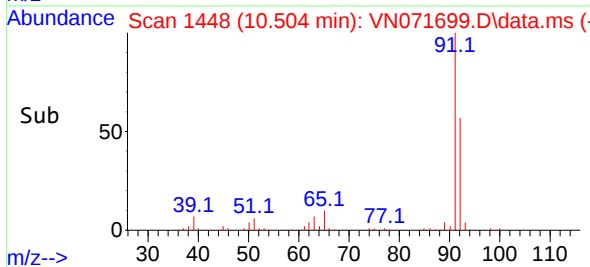
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

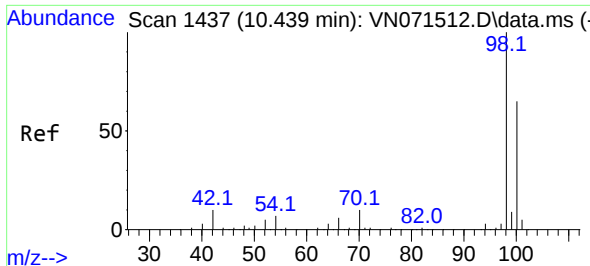


#62
Toluene
Concen: 17.114 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion: 91 Resp: 493526
Ion Ratio Lower Upper
91 100
92 58.3 44.6 67.0





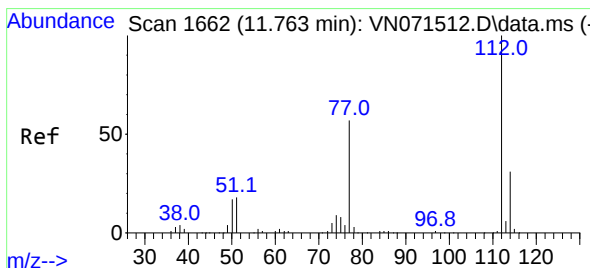
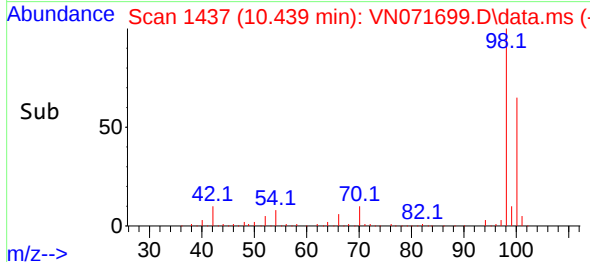
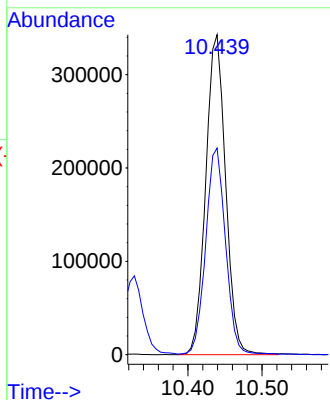
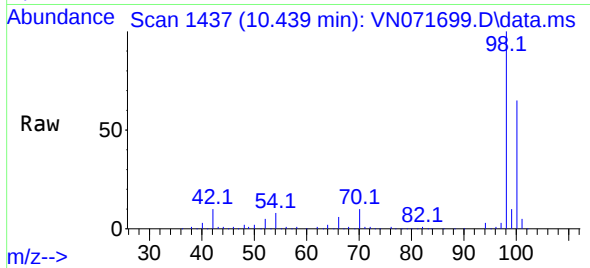
#63
Toluene-d8
Concen: 29.567 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 638329
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

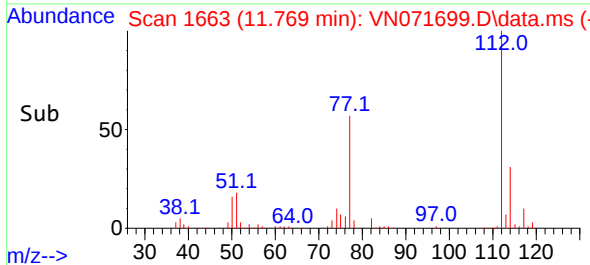
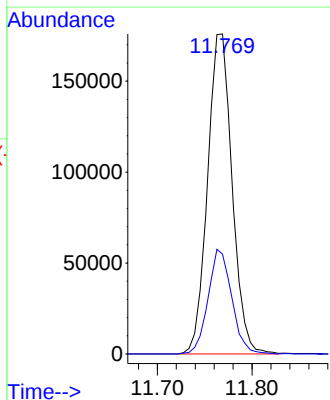
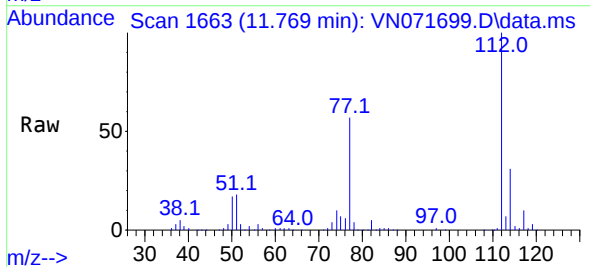
Manual Integrations
APPROVED

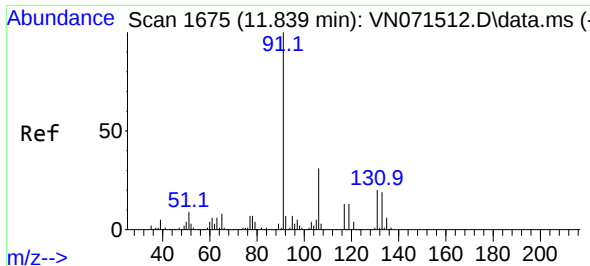
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#64
Chlorobenzene
Concen: 17.822 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

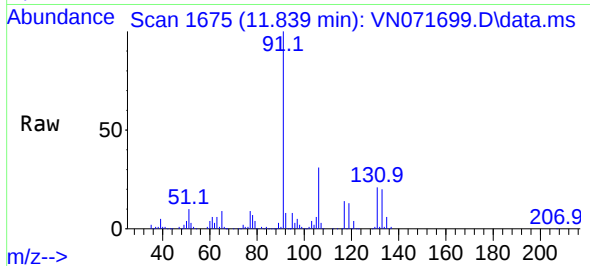
Tgt Ion:112 Resp: 317013
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.460 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

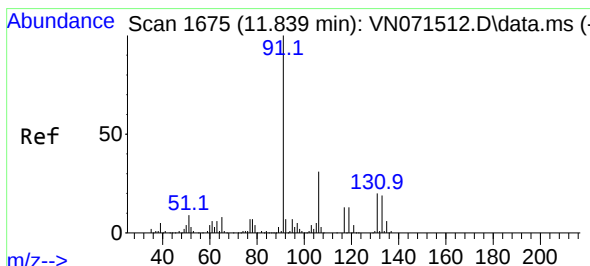
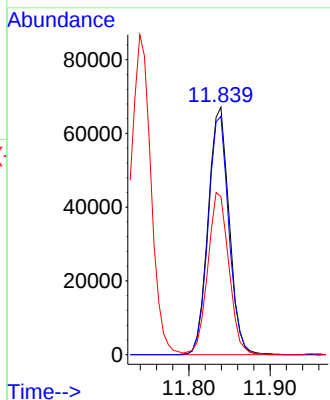
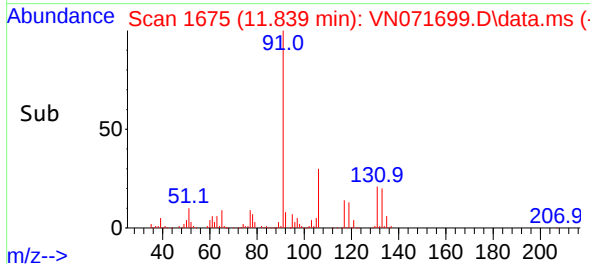
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



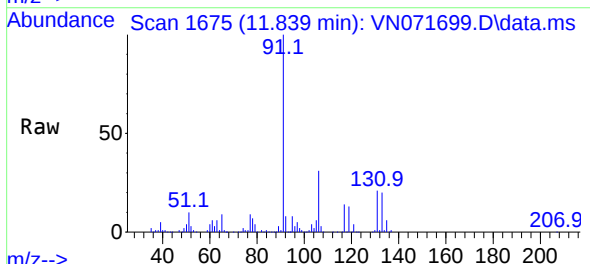
Tgt Ion:131 Resp: 120461
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.2
119 66.0 0.0 128.8

Manual Integrations
APPROVED

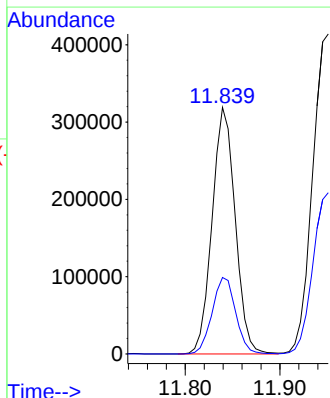
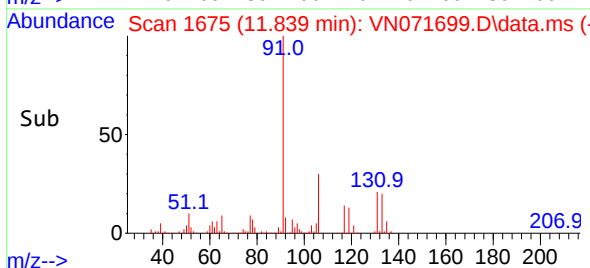
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

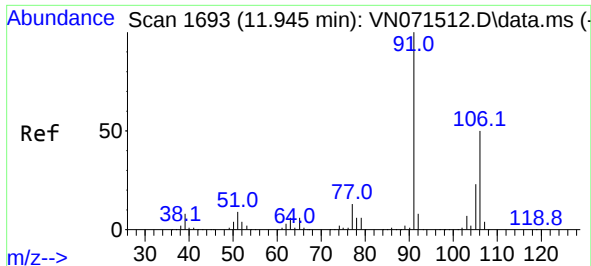


#66
Ethyl Benzene
Concen: 17.245 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion: 91 Resp: 540450
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





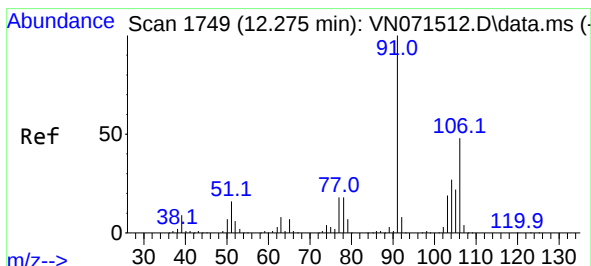
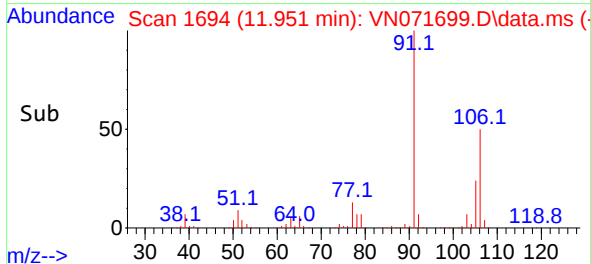
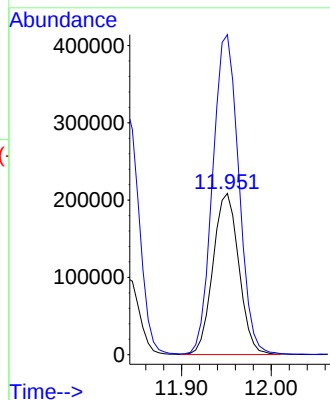
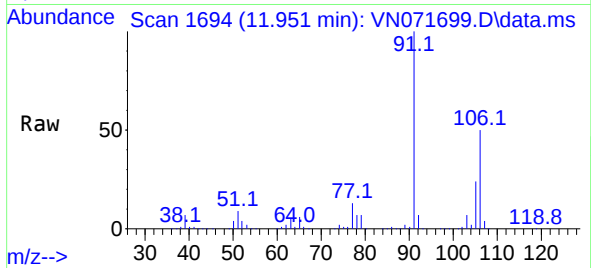
#67
m/p-Xylenes
Concen: 34.253 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 417608
Ion Ratio Lower Upper
106 100
91 200.8 162.9 244.3

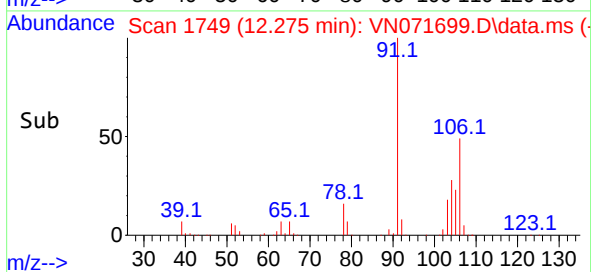
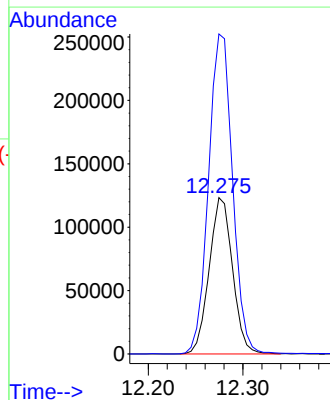
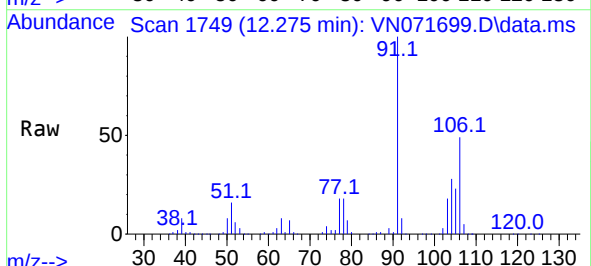
Manual Integrations
APPROVED

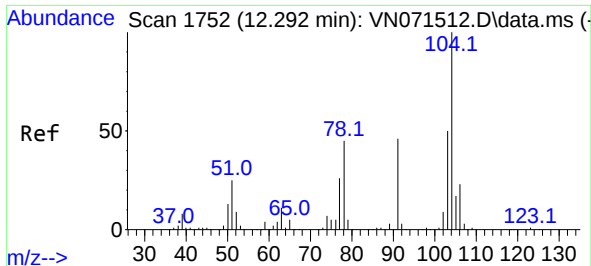
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#68
o-Xylene
Concen: 17.442 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Tgt Ion:106 Resp: 211352
Ion Ratio Lower Upper
106 100
91 210.4 107.7 323.1





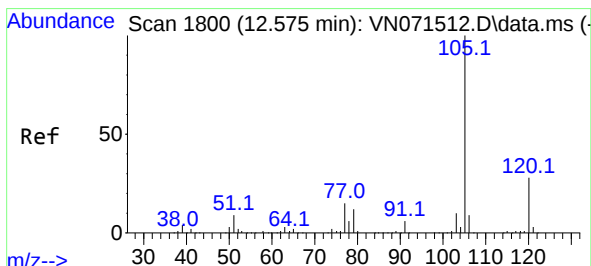
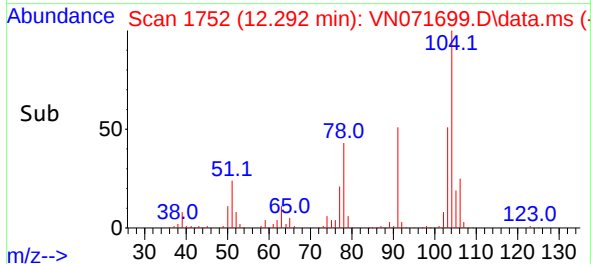
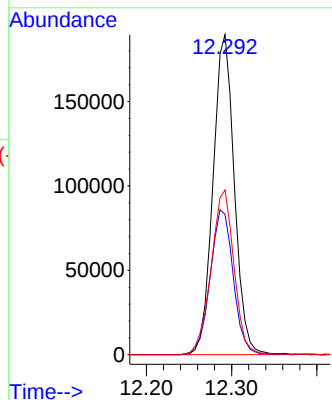
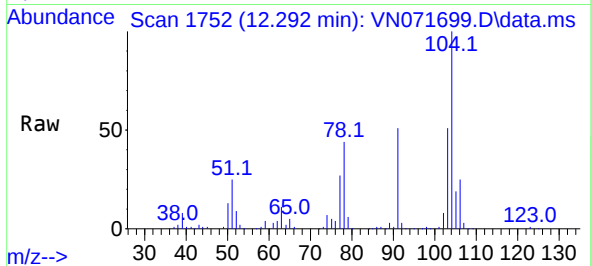
#69
Styrene
Concen: 17.347 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:104 Resp: 33083
Ion Ratio Lower Upper
104 100
78 48.6 40.7 61.1
103 55.1 45.8 68.8

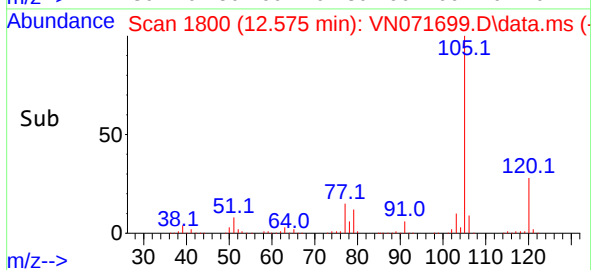
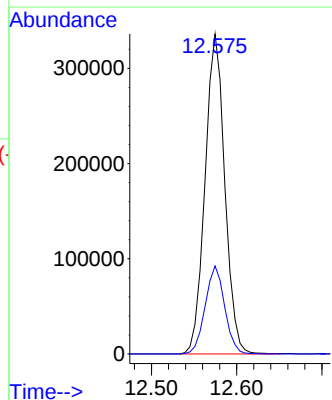
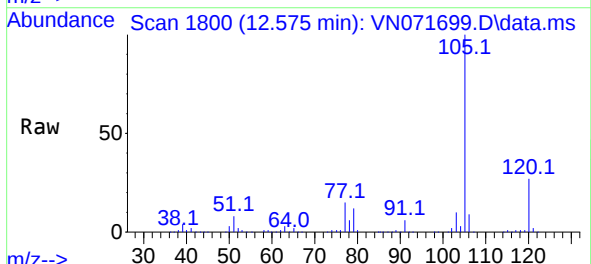
Manual Integrations
APPROVED

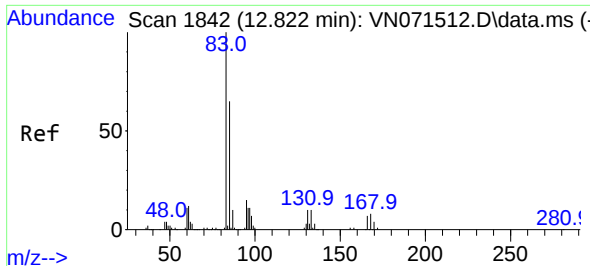
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Isopropylbenzene
Concen: 17.836 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

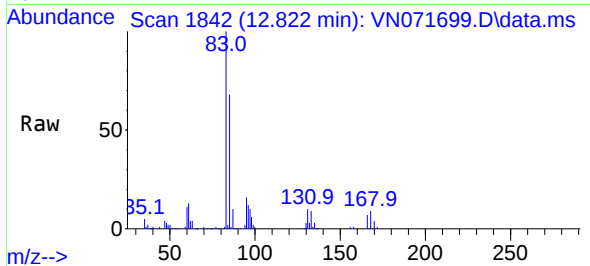
Tgt Ion:105 Resp: 542452
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.086 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

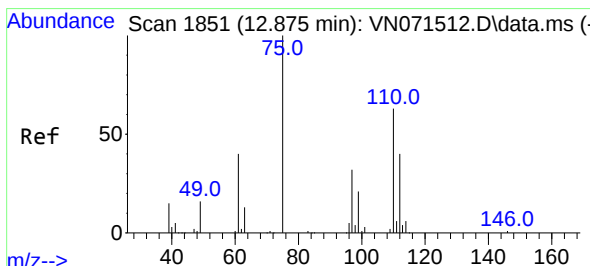
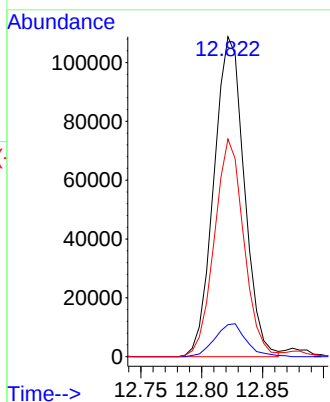
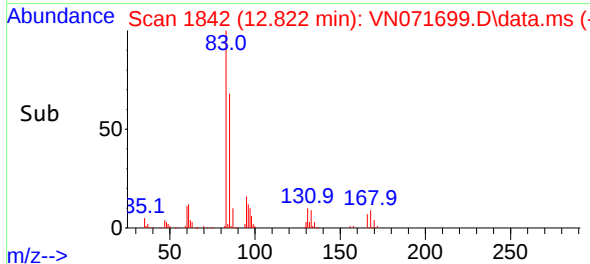
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



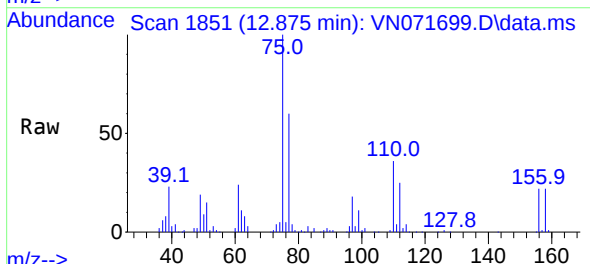
Tgt Ion: 83 Resp: 188925
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 65.9 33.1 99.2

Manual Integrations
APPROVED

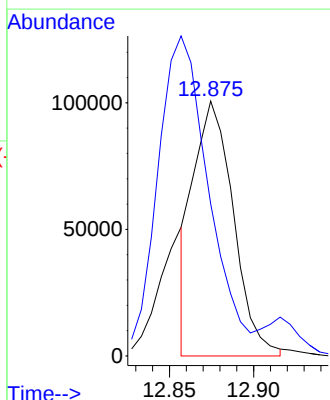
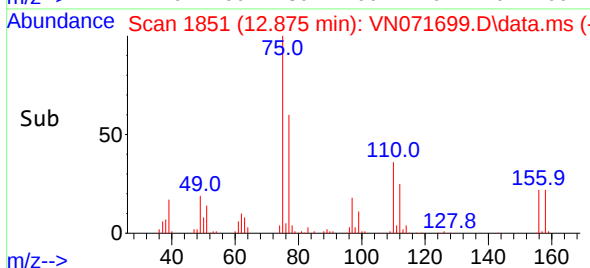
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

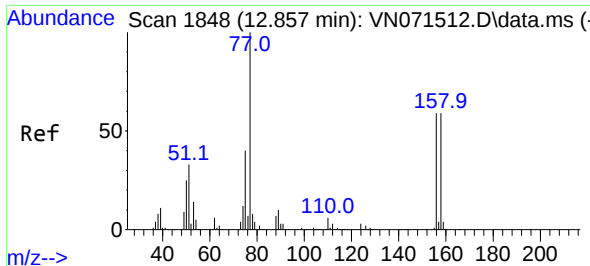


#72
1,2,3-Trichloropropane
Concen: 19.592 ug/l m
RT: 12.875 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



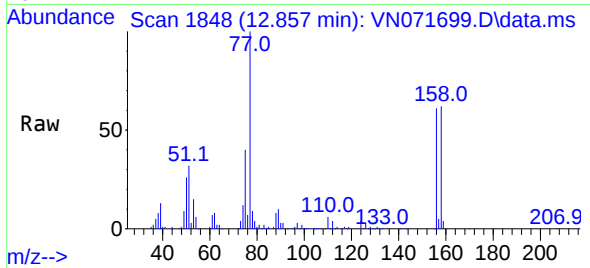
Tgt Ion: 75 Resp: 166613
Ion Ratio Lower Upper
75 100
77 159.4 0.0 378.0





#73
Bromobenzene
Concen: 18.141 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

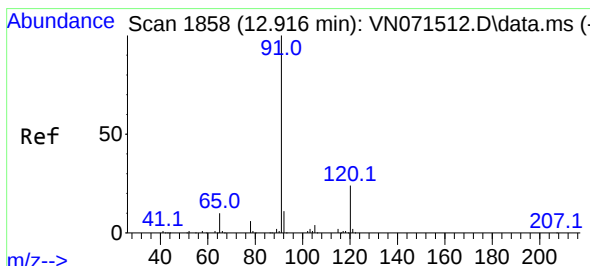
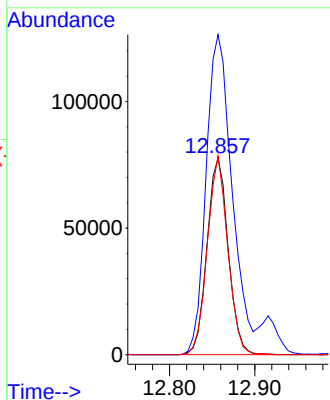
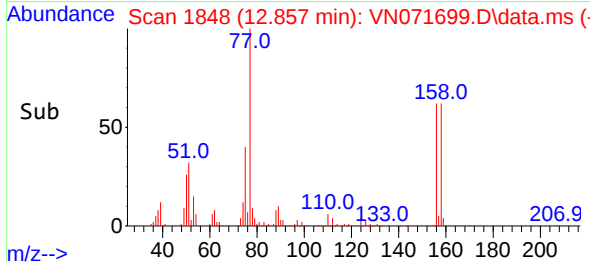
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



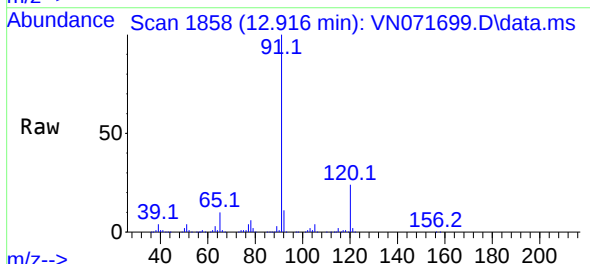
Tgt Ion:156 Resp: 134590
Ion Ratio Lower Upper
156 100
77 197.3 0.0 416.0
158 97.2 0.0 195.4

Manual Integrations
APPROVED

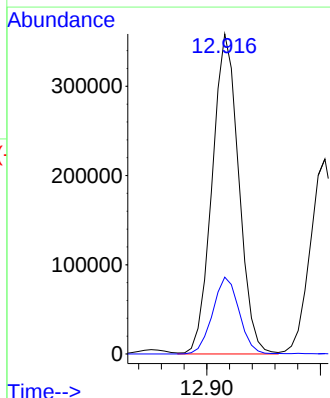
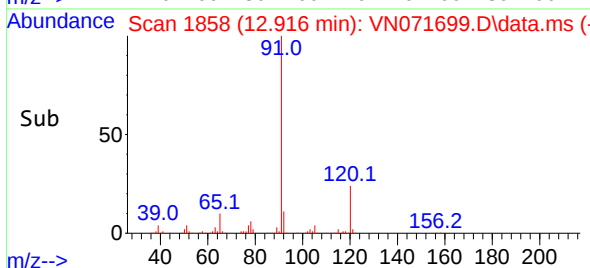
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

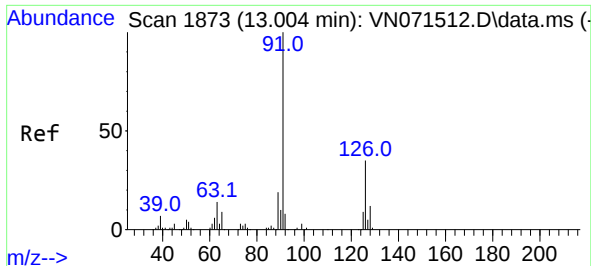


#74
n-propylbenzene
Concen: 17.582 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion: 91 Resp: 583625
Ion Ratio Lower Upper
91 100
120 23.8 0.0 45.0





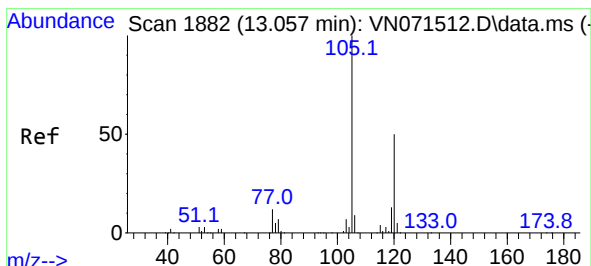
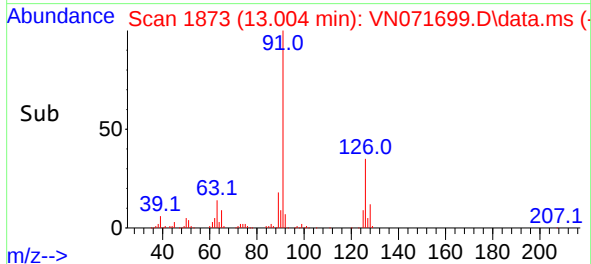
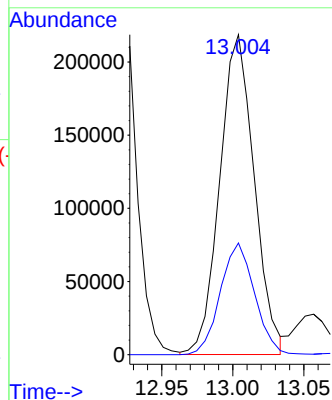
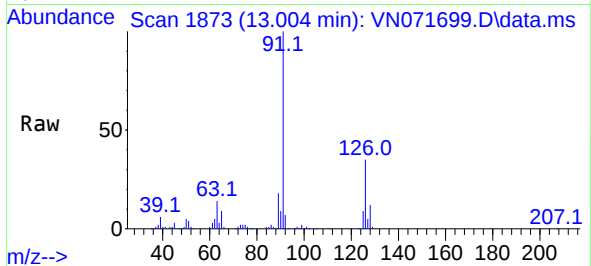
#75
2-Chlorotoluene
Concen: 17.791 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 369050
Ion Ratio Lower Upper
91 100
126 34.8 0.0 69.8

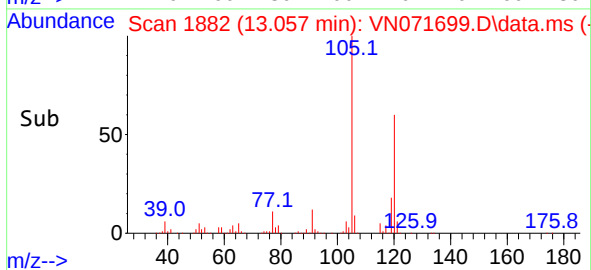
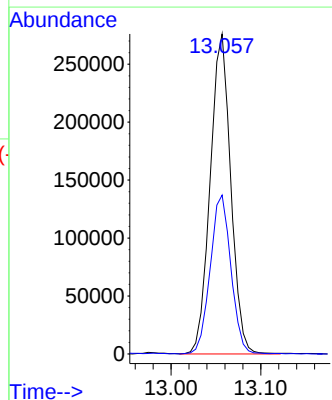
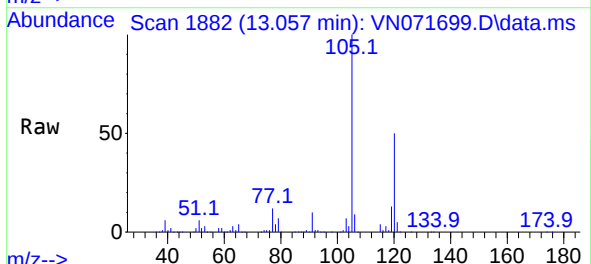
Manual Integrations
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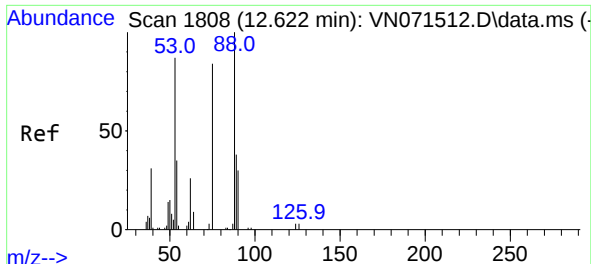
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#76
1,3,5-Trimethylbenzene
Concen: 18.032 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Tgt Ion:105 Resp: 439991
Ion Ratio Lower Upper
105 100
120 49.9 0.0 93.8





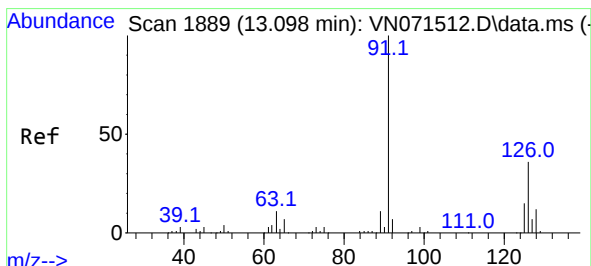
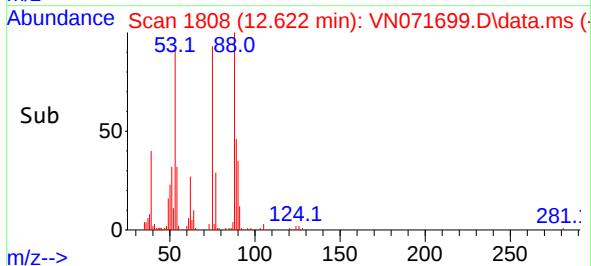
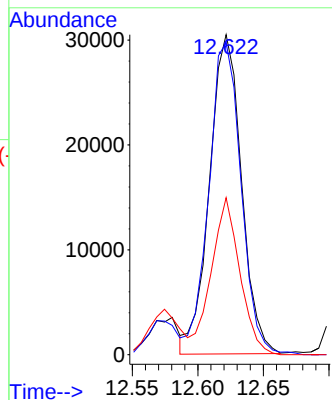
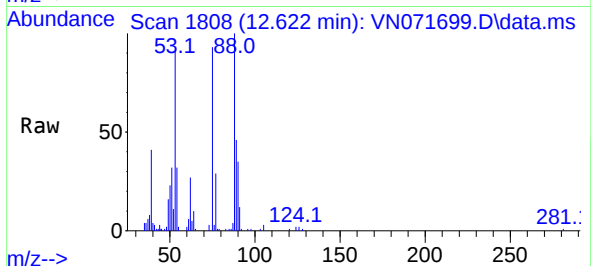
#77
t-1,4-Dichloro-2-butene
Concen: 17.249 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 51500
Ion Ratio Lower Upper
75 100
53 97.3 51.8 155.5
89 49.3 22.9 68.7

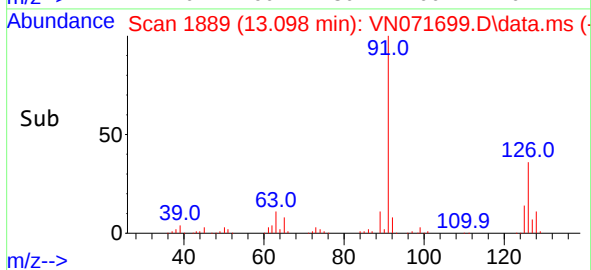
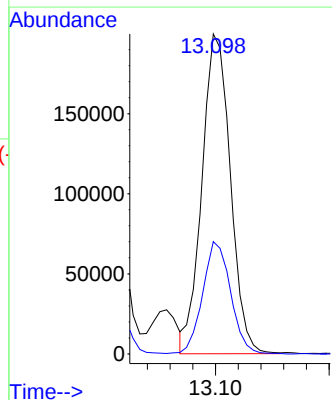
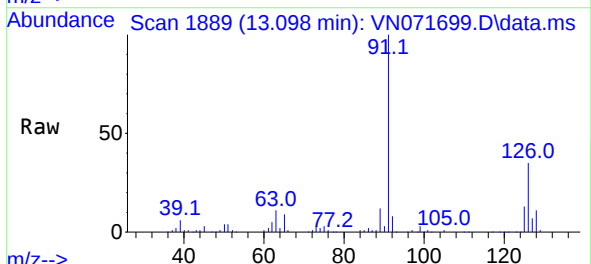
Manual Integrations
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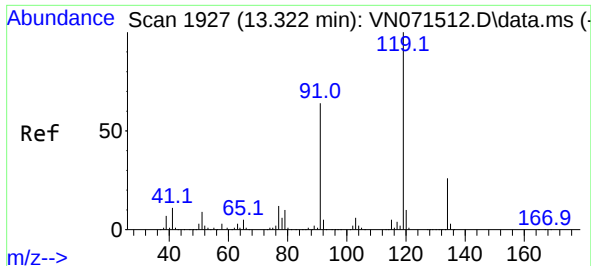
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
4-Chlorotoluene
Concen: 17.921 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Tgt Ion: 91 Resp: 347187
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6





#79
tert-butylbenzene
Concen: 18.243 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

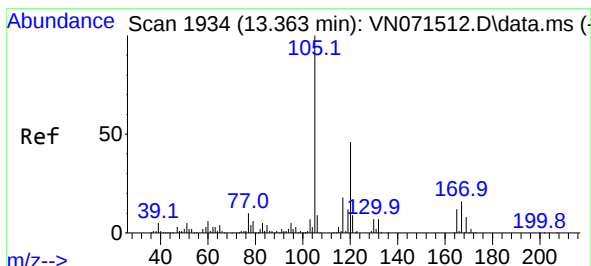
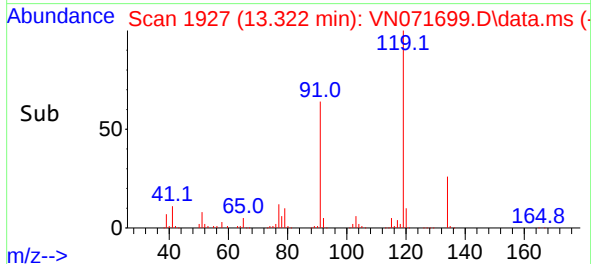
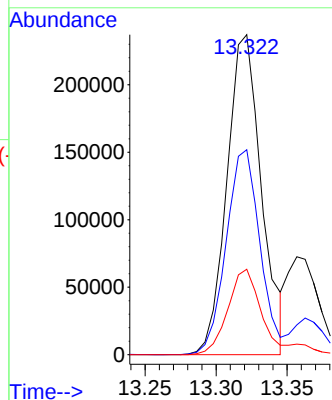
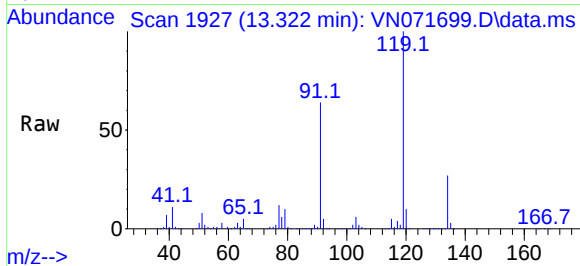
Tgt Ion:119 Resp: 40167
Ion Ratio Lower Upper
119 100
91 62.5 0.0 137.0
134 25.1 0.0 47.6

Manual Integrations

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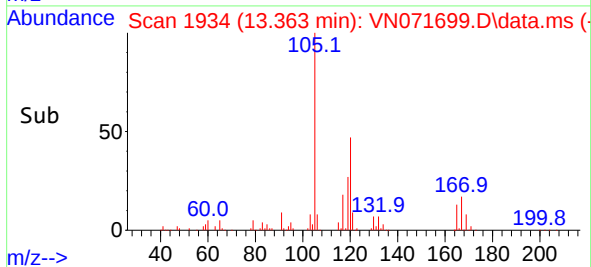
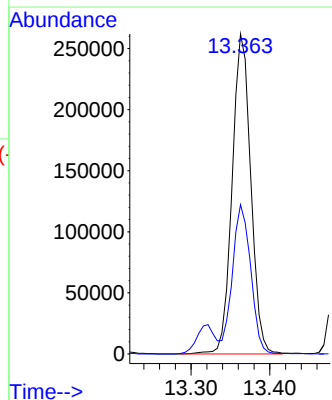
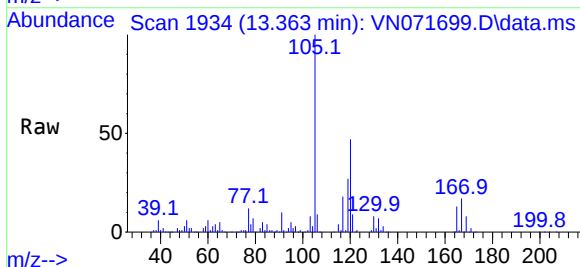
Reviewed By :John Carlone 04/01/2022

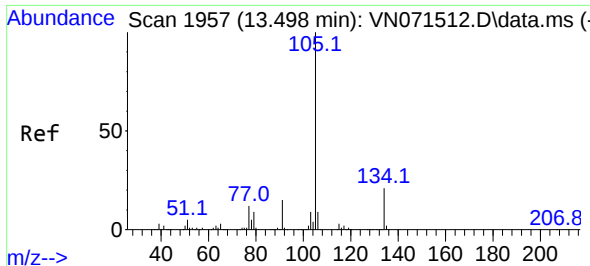
Supervised By :Mahesh Dadoda 04/01/2022



#80
1,2,4-Trimethylbenzene
Concen: 18.157 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Tgt Ion:105 Resp: 429870
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





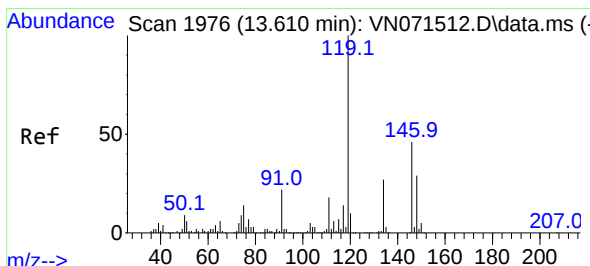
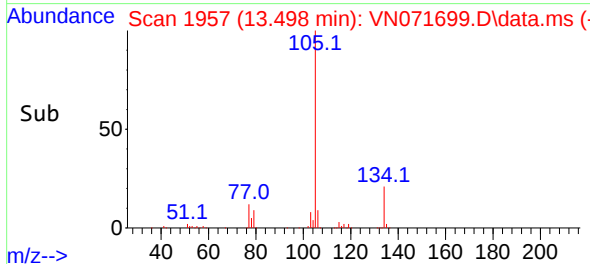
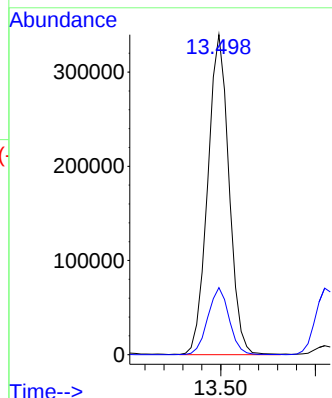
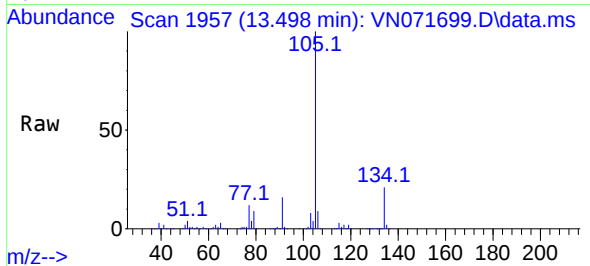
#81
 sec-Butylbenzene
 Concen: 17.885 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071699.D
 Acq: 31 Mar 2022 10:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 52913
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 39.4

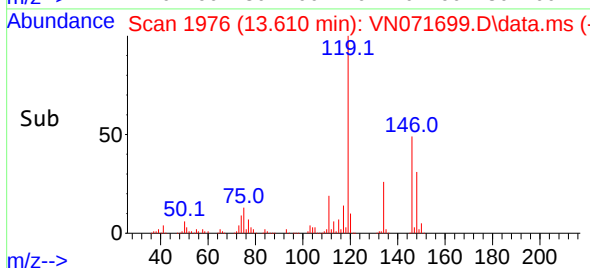
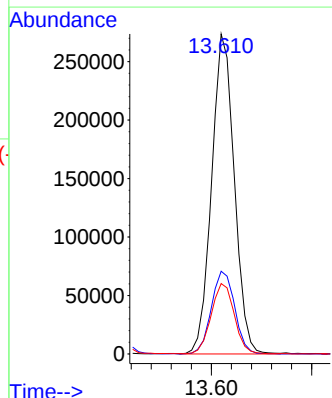
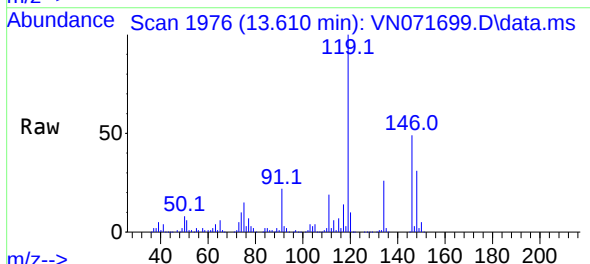
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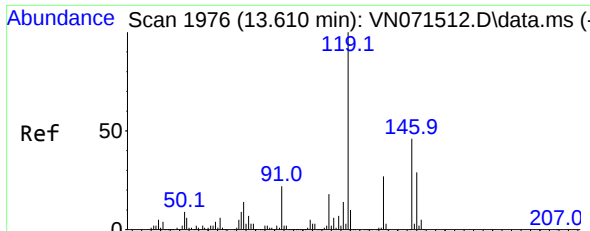
Reviewed By :John Carlone 04/01/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#82
 p-Isopropyltoluene
 Concen: 17.856 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071699.D
 Acq: 31 Mar 2022 10:39

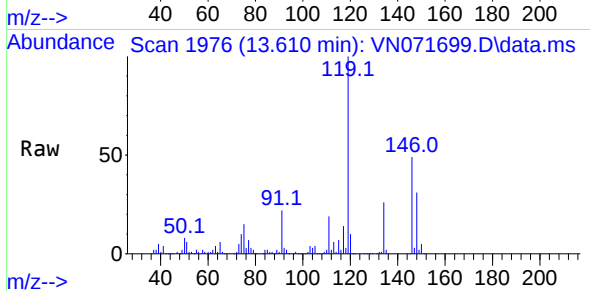
Tgt Ion:119 Resp: 429206
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.8
 91 22.6 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.294 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

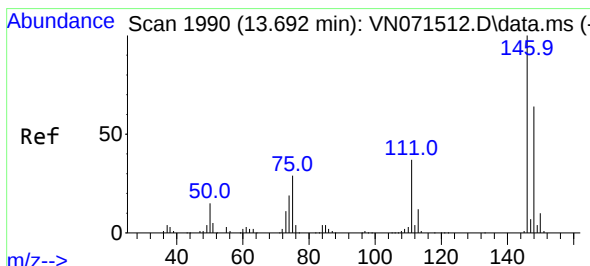
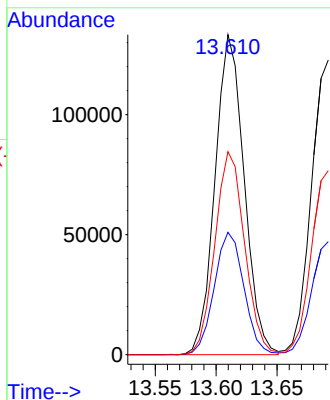
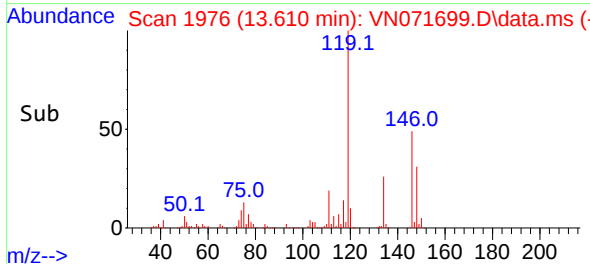
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



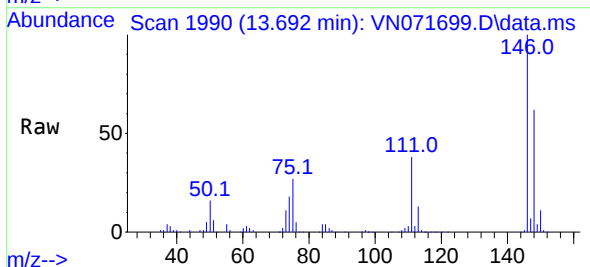
Tgt Ion:146 Resp: 22210
Ion Ratio Lower Upper
146 100
111 38.9 20.8 62.2
148 64.9 31.4 94.3

Manual Integrations
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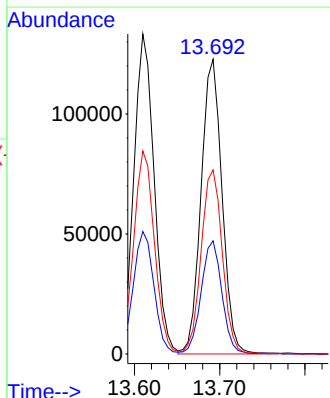
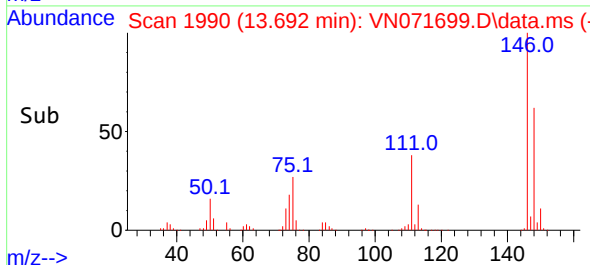
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

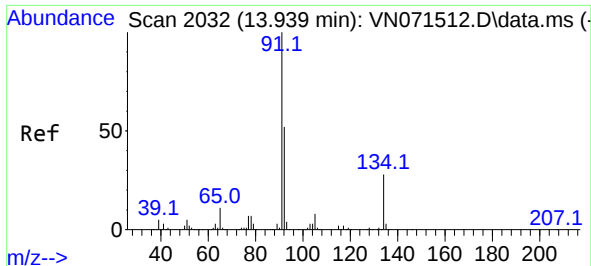


#84
1,4-Dichlorobenzene
Concen: 18.124 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion:146 Resp: 210022
Ion Ratio Lower Upper
146 100
111 38.0 19.5 58.5
148 62.8 31.1 93.5





#85
n-Butylbenzene
Concen: 16.868 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

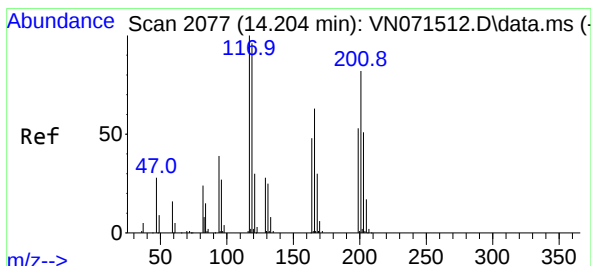
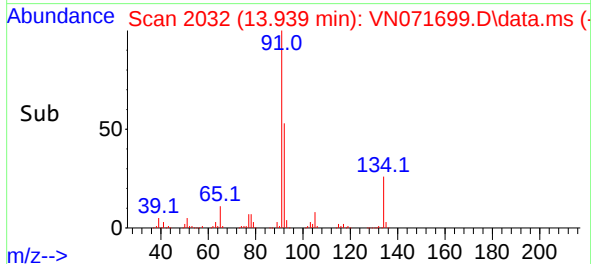
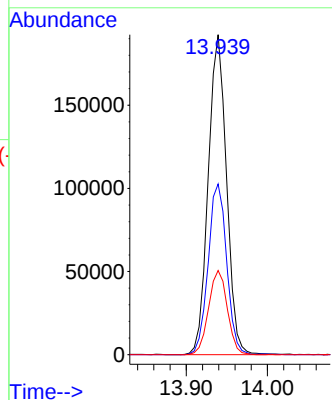
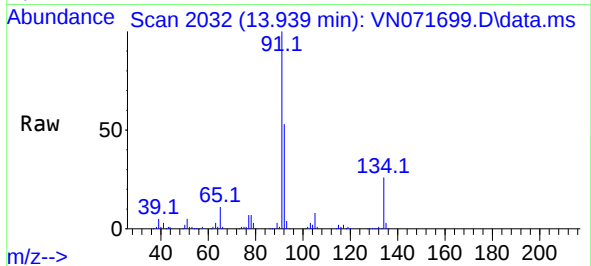
VSTDCCC020

Tgt Ion: 91 Resp: 30117
Ion Ratio Lower Upper
91 100
92 54.0 0.0 100.6
134 26.9 0.0 50.2

Manual Integrations

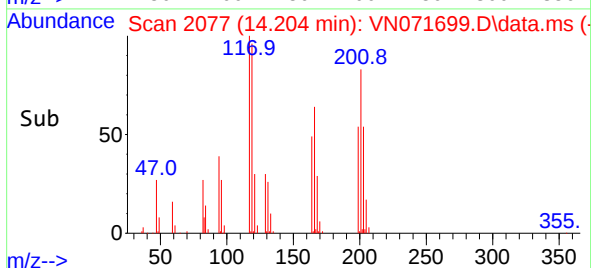
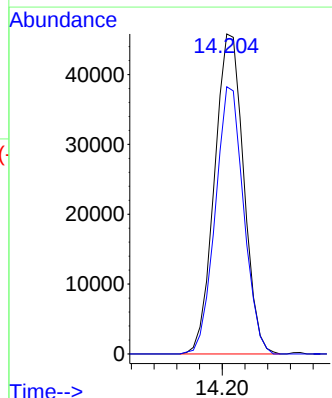
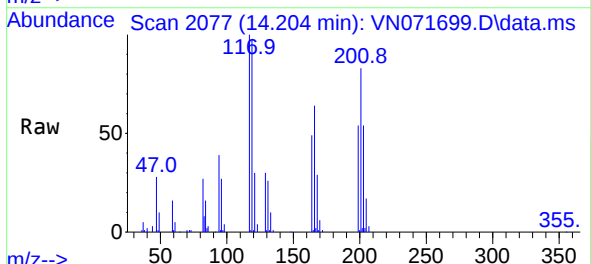
APPROVED

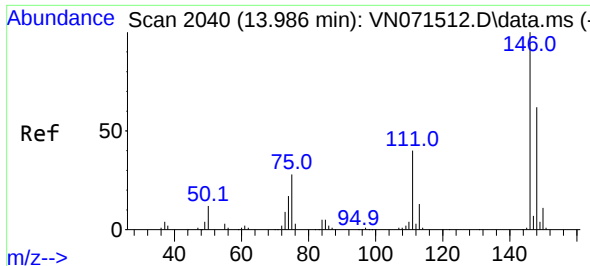
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#86
Hexachloroethane
Concen: 18.181 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

Tgt Ion:117 Resp: 81611
Ion Ratio Lower Upper
117 100
201 81.2 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.837 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN071699.D

Acq: 31 Mar 2022 10:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 221100

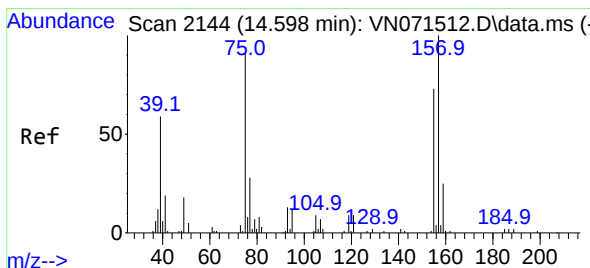
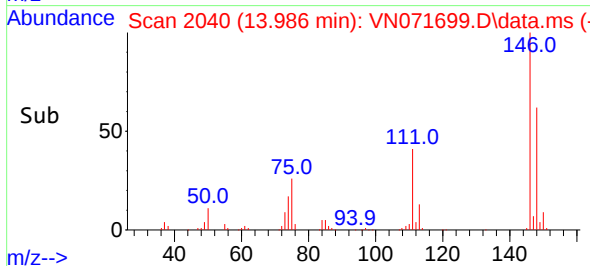
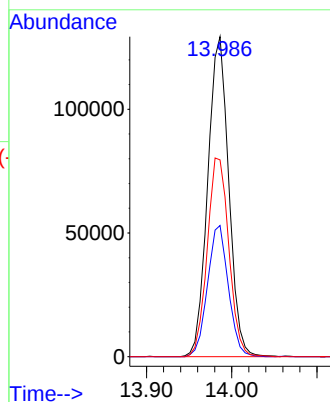
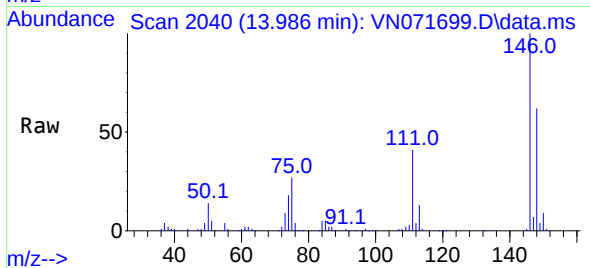
Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.4	64.2
148	64.0	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2022

Supervised By :Mahesh Dadoda 04/01/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.575 ug/l

RT: 14.598 min Scan# 2144

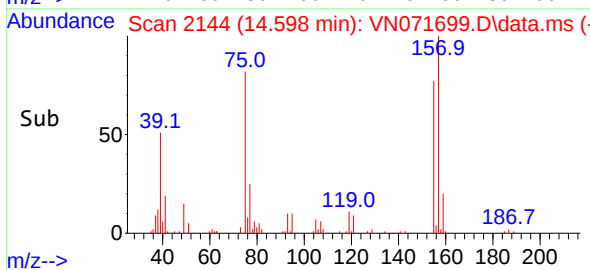
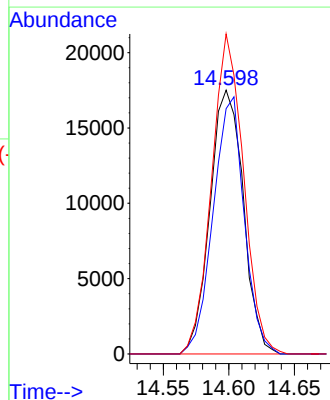
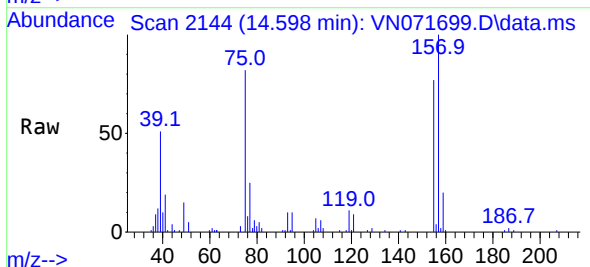
Delta R.T. -0.000 min

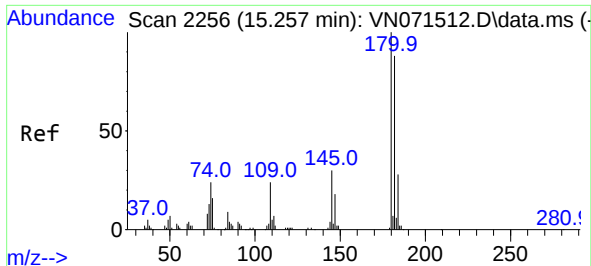
Lab File: VN071699.D

Acq: 31 Mar 2022 10:39

Tgt Ion: 75 Resp: 30953

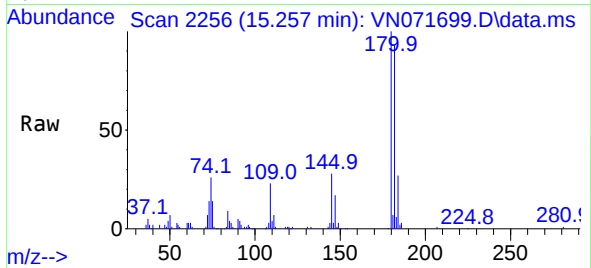
Ion	Ratio	Lower	Upper
75	100		
155	90.8	63.8	95.8
157	115.8	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.109 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

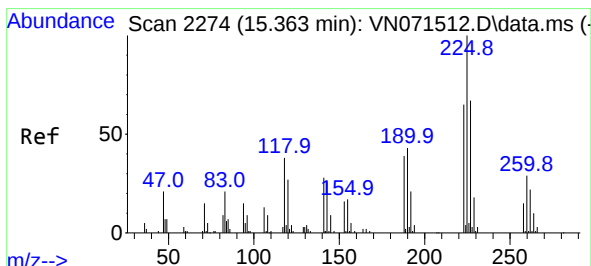
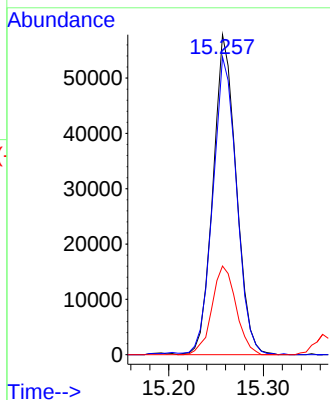
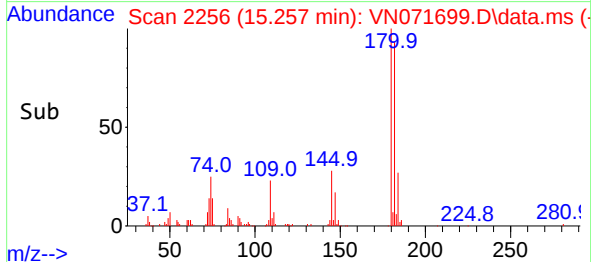
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



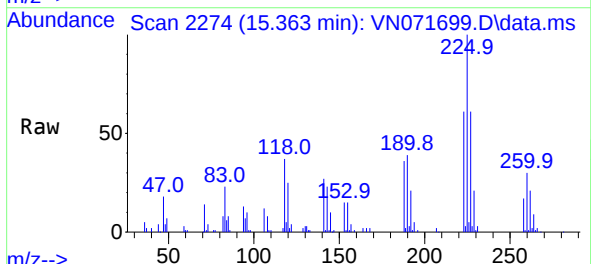
Tgt Ion:180 Resp: 9825
Ion Ratio Lower Upper
180 100
182 95.5 77.7 116.5
145 28.9 26.6 39.8

Manual Integrations
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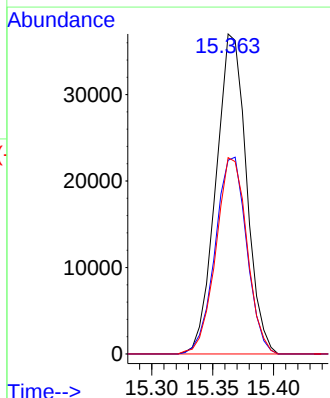
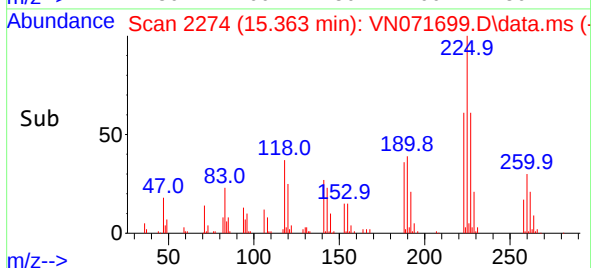
Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022

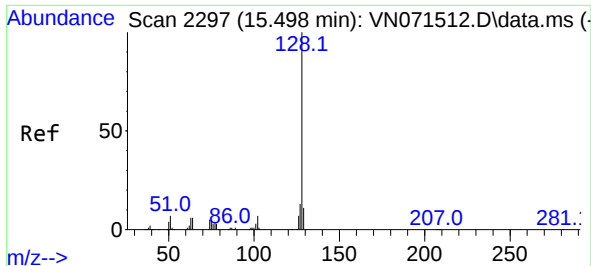


#90
Hexachlorobutadiene
Concen: 20.085 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



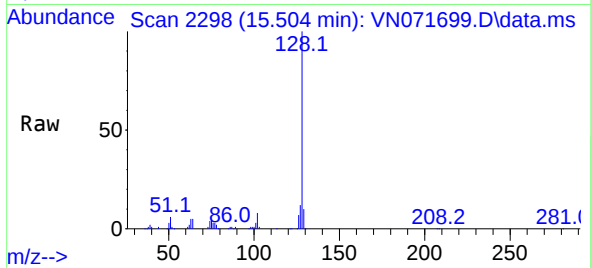
Tgt Ion:225 Resp: 64576
Ion Ratio Lower Upper
225 100
223 63.4 0.0 126.8
227 62.5 0.0 123.0





#91
Naphthalene
Concen: 19.302 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39

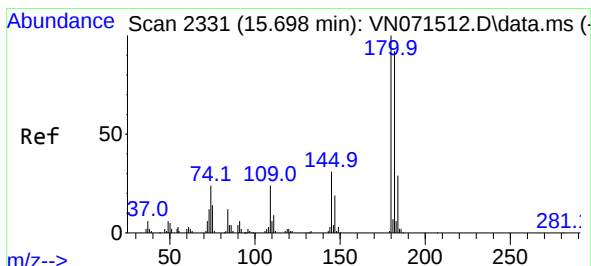
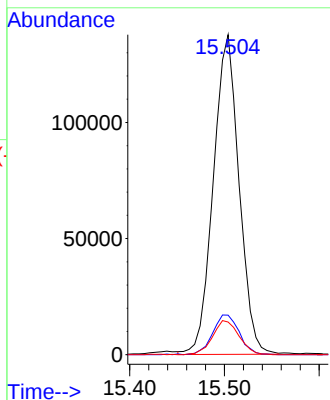
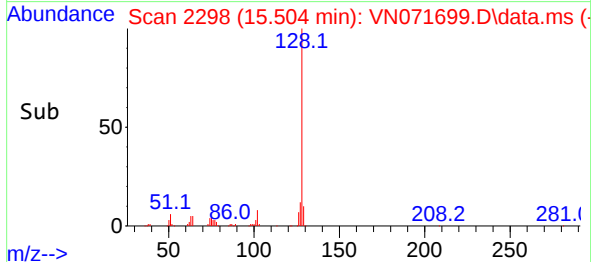
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



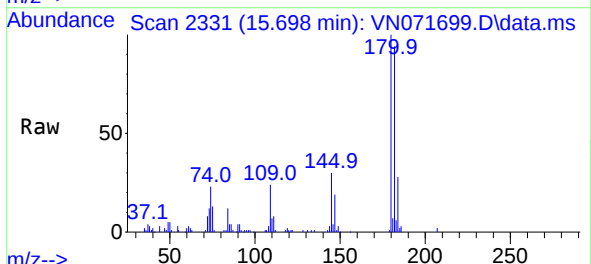
Tgt Ion:128 Resp: 259614
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.679 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071699.D
Acq: 31 Mar 2022 10:39



Tgt Ion:180 Resp: 99394
Ion Ratio Lower Upper
180 100
182 93.8 0.0 190.0
145 29.6 0.0 67.8

