

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071924.D
 Acq On : 08 Apr 2022 19:08
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 09 05:21:54 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	7.657	128	78003	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	438510	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	406872	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	157899	28.731	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.767%		
60) 4-Bromofluorobenzene	12.727	95	171862	28.488	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.967%		
63) Toluene-d8	10.439	98	551160	29.841	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.467%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	113585	23.395	ug/l	98
3) Chloromethane	2.304	50	128061	22.379	ug/l	99
4) Vinyl Chloride	2.446	62	134538	20.501	ug/l	98
5) Bromomethane	2.857	94	84829	21.937	ug/l	100
6) Chloroethane	3.022	64	84319	20.065	ug/l	98
7) Trichlorofluoromethane	3.375	101	165536	21.636	ug/l	98
8) Diethyl Ether	3.828	74	67169	20.893	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	98610	21.521	ug/l #	64
10) 1,1-Dichloroethene	4.187	96	97848	21.652	ug/l	95
11) Methyl Iodide	4.428	142	123930	18.715	ug/l	87
12) Methyl Acetate	4.857	43	128706	20.209	ug/l	94
13) Acrolein	4.040	56	71019	104.818	ug/l #	60
14) Acrylonitrile	5.551	53	307908	106.748	ug/l	97
15) Acetone	4.287	58	83513	100.608	ug/l	73
16) Carbon Disulfide	4.534	76	251859	21.406	ug/l	97
17) Allyl chloride	4.845	41	144559	19.722	ug/l	82
18) Methylene Chloride	5.098	84	115392	21.285	ug/l	95
19) trans-1,2-Dichloroethene	5.598	96	104797	21.681	ug/l	92
20) Diisopropyl ether	6.492	45	320102	20.872	ug/l	95
21) 1,1-Dichloroethane	6.386	63	192121	20.749	ug/l	96
22) cis-1,2-Dichloroethene	7.328	96	126020	21.460	ug/l	94
23) tert-Butyl Alcohol	5.363	59	91409	88.811	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	330264	20.250	ug/l #	89
25) Chloroform	7.816	83	196608	21.112	ug/l	97
26) Cyclohexane	8.092	56	170562	21.311	ug/l #	97
29) 1,1-Dichloropropene	8.216	75	145973	20.566	ug/l	99
30) 2-Butanone	7.328	43	380744	96.369	ug/l	96
31) 2,2-Dichloropropane	7.328	77	146051	18.063	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	166260	20.112	ug/l	97
33) Carbon Tetrachloride	8.204	117	143421	20.496	ug/l	97
34) Benzene	8.457	78	471532	21.383	ug/l	97
35) Methacrylonitrile	7.628	41	75741	19.981	ug/l	92
36) 1,2-Dichloroethane	8.528	62	148970	19.364	ug/l #	94
37) Trichloroethene	9.216	130	119835	21.060	ug/l	92
38) Methylcyclohexane	9.457	83	183569	20.519	ug/l	98
39) 1,2-Dichloropropane	9.486	63	112569	20.403	ug/l	94
40) Dibromomethane	9.575	93	76236	20.414	ug/l	84
41) Bromodichloromethane	9.757	83	152705	20.435	ug/l	94
42) Vinyl Acetate	6.428	43	1323709	97.782	ug/l	95

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 Acq On : 08 Apr 2022 19:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

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 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	7.410	43	165903	21.655	ug/l	96
44) Isopropyl Acetate	8.557	43	226995	18.474	ug/l #	87
45) 1,4-Dioxane	9.563	88	46202	372.680	ug/l	93
46) Methyl methacrylate	9.557	41	99686	18.500	ug/l	78
47) n-amyl Acetate	12.386	43	135591m	16.536	ug/l	
48) t-1,3-Dichloropropene	10.716	75	154534	19.026	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	175152	19.719	ug/l #	84
50) 1,1,2-Trichloroethane	10.892	97	118903	21.298	ug/l	97
51) Ethyl methacrylate	10.757	69	176785	20.509	ug/l	77
52) 1,3-Dichloropropane	11.039	76	199575	20.933	ug/l	98
53) Dibromochloromethane	11.233	129	119368	20.655	ug/l	99
54) 1,2-Dibromoethane	11.339	107	121083	21.085	ug/l	98
55) 2-Chloroethyl vinyl ether	10.039	63	182007	78.368	ug/l	98
56) Bromoform	12.451	173	91135	20.453	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	759950	98.393	ug/l	90
59) 2-Hexanone	11.080	43	536333	95.109	ug/l	88
61) Tetrachloroethene	10.974	164	107934	21.797	ug/l	91
62) Toluene	10.504	91	520023	21.078	ug/l	97
64) Chlorobenzene	11.768	112	312514	20.536	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	112831	20.211	ug/l	99
66) Ethyl Benzene	11.839	91	540456	20.158	ug/l	98
67) m/p-Xylenes	11.951	106	422213	40.480	ug/l	96
68) o-Xylene	12.274	106	208091	20.073	ug/l	95
69) Styrene	12.292	104	315035	19.309	ug/l	97
70) Isopropylbenzene	12.574	105	519819	19.978	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.821	83	173886	20.534	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	147853m	20.323	ug/l	
73) Bromobenzene	12.857	156	124140	19.558	ug/l	94
74) n-propylbenzene	12.915	91	542908	19.118	ug/l	98
75) 2-Chlorotoluene	13.004	91	347351	19.573	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	428296	20.518	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	41814	16.369	ug/l	95
78) 4-Chlorotoluene	13.104	91	311723	18.808	ug/l	99
79) tert-butylbenzene	13.321	119	377751	20.054	ug/l	93
80) 1,2,4-Trimethylbenzene	13.363	105	406047m	20.048	ug/l	
81) sec-Butylbenzene	13.498	105	487060	19.244	ug/l	98
82) p-Isopropyltoluene	13.610	119	385647	18.753	ug/l	96
83) 1,3-Dichlorobenzene	13.610	146	193437	18.624	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	185162	18.678	ug/l	99
85) n-Butylbenzene	13.939	91	252287	16.517	ug/l	95
86) Hexachloroethane	14.204	117	69422	18.078	ug/l	80
87) 1,2-Dichlorobenzene	13.986	146	194791	19.399	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	27094	17.982	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.257	180	80791	17.406	ug/l	99
90) Hexachlorobutadiene	15.368	225	54257	19.726	ug/l	98
91) Naphthalene	15.504	128	211709	18.721	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	83234	18.284	ug/l	98

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

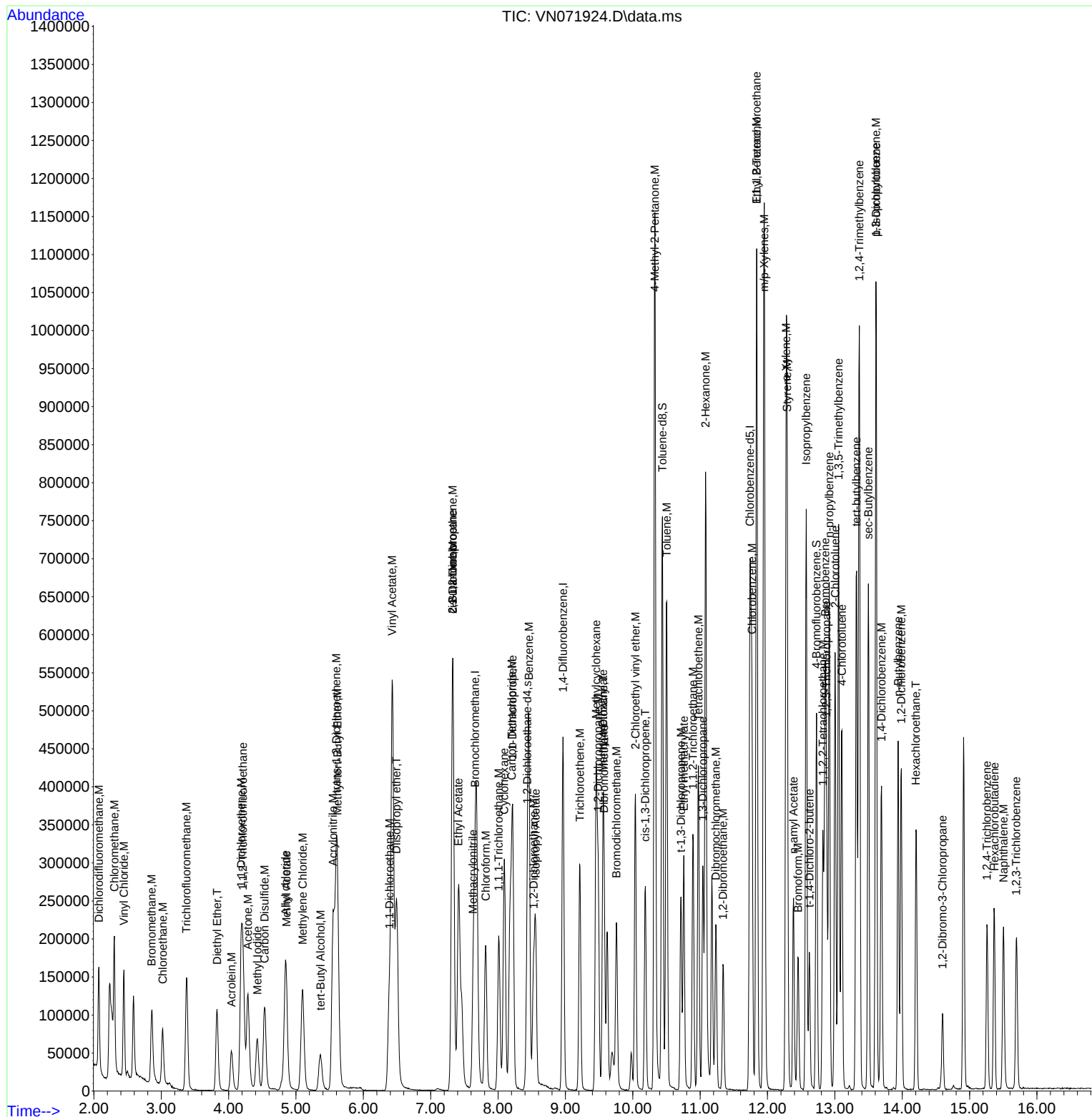
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 Data File : VN071924.D
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 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

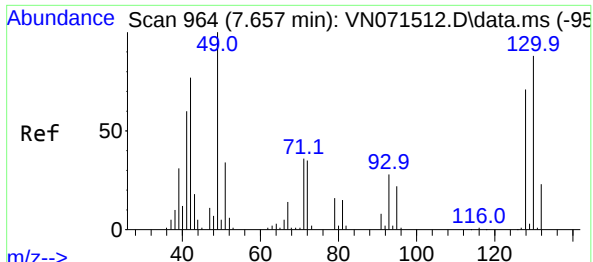
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Apr 09 05:21:54 2022
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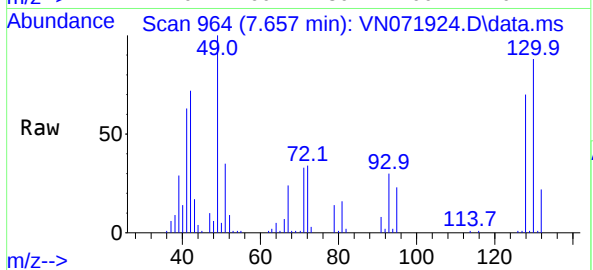
Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

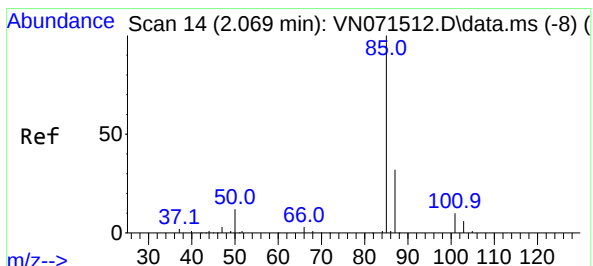
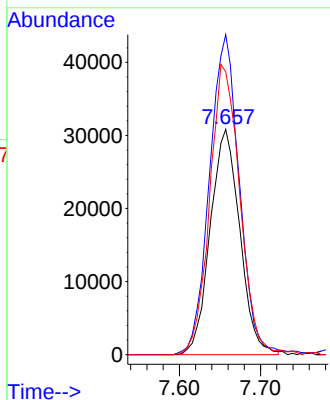
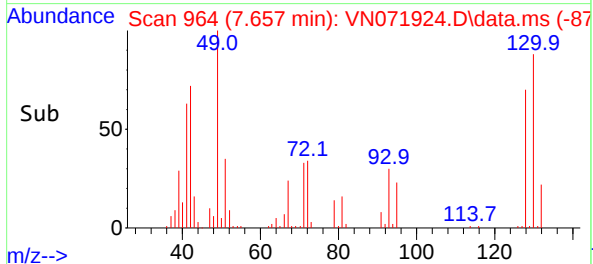
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



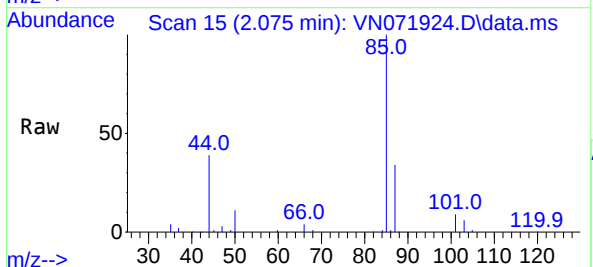
Tgt Ion:128 Resp: 7800
Ion Ratio Lower Upper
128 100
49 143.2 0.0 392.3
130 130.9 0.0 320.2

Manual Integrations
APPROVED

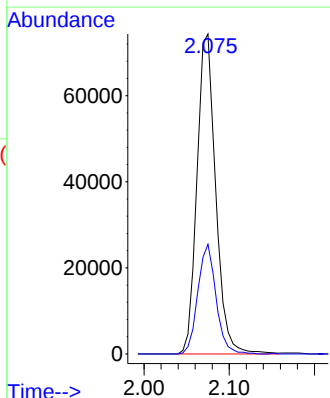
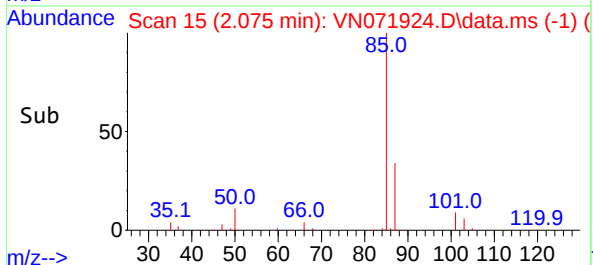
Reviewed By :John Carlone 04/11/2022
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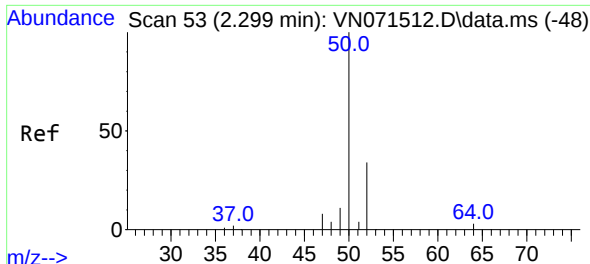


#2
Dichlorodifluoromethane
Concen: 23.395 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 85 Resp: 113585
Ion Ratio Lower Upper
85 100
87 34.2 16.6 49.7





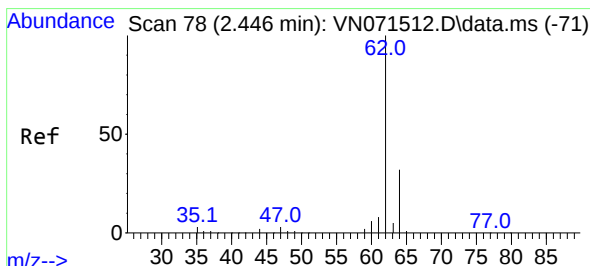
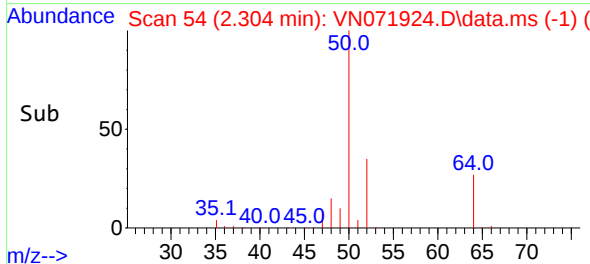
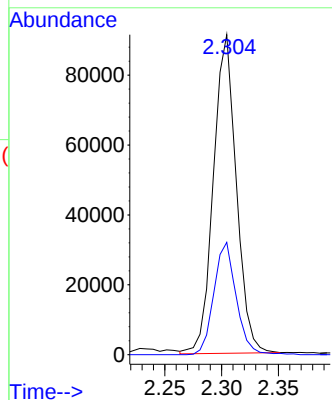
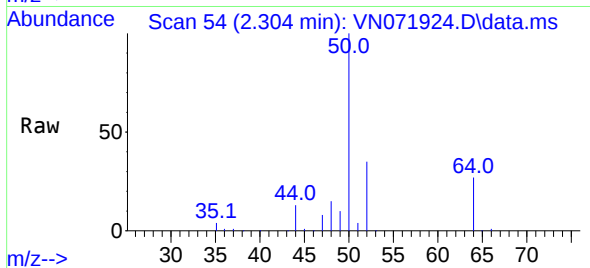
#3
Chloromethane
Concen: 22.379 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 12806
Ion Ratio Lower Upper
50 100
52 35.3 27.8 41.6

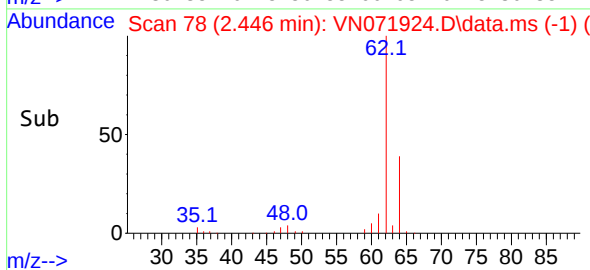
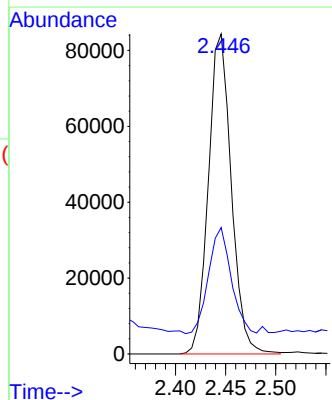
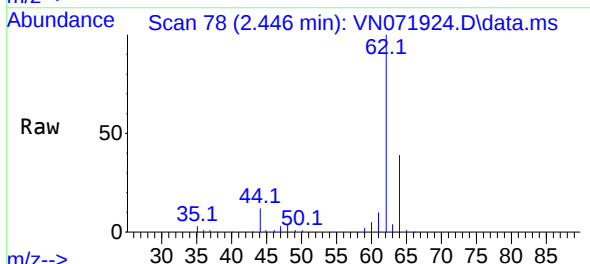
Manual Integrations
APPROVED

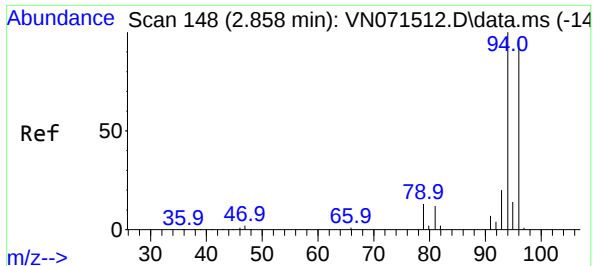
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#4
Vinyl Chloride
Concen: 20.501 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

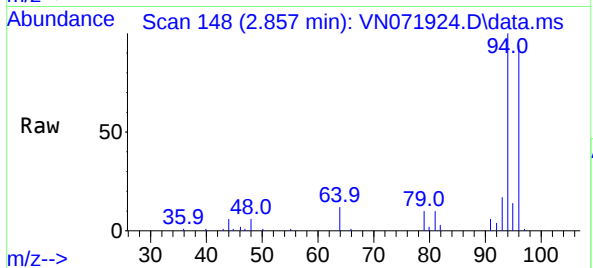
Tgt Ion: 62 Resp: 134538
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7





#5
Bromomethane
Concen: 21.937 ug/l
RT: 2.857 min Scan# 148
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

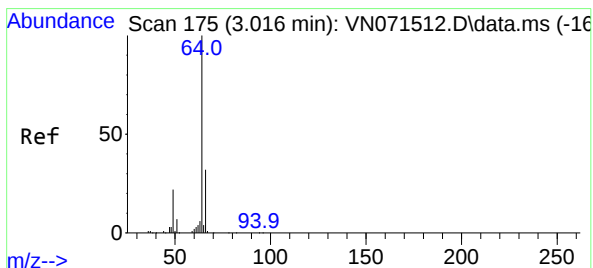
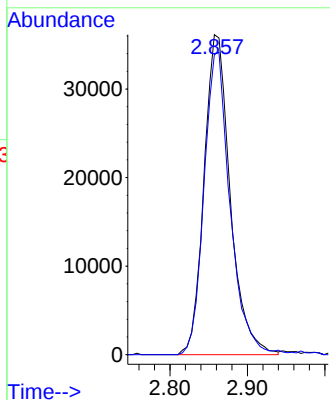
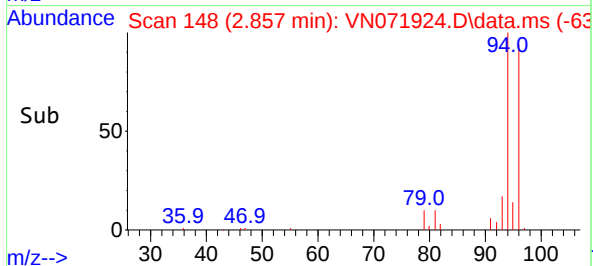
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



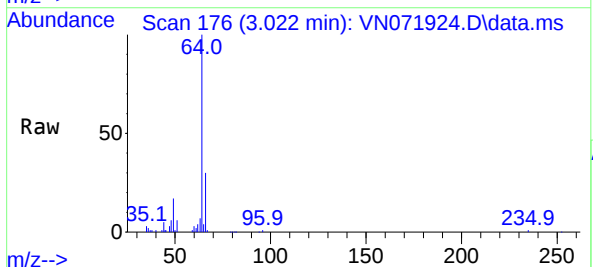
Tgt Ion: 94 Resp: 84829
Ion Ratio Lower Upper
94 100
96 93.8 75.2 112.8

Manual Integrations
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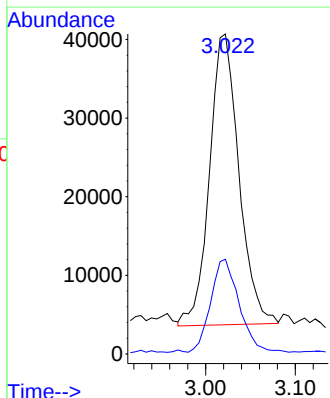
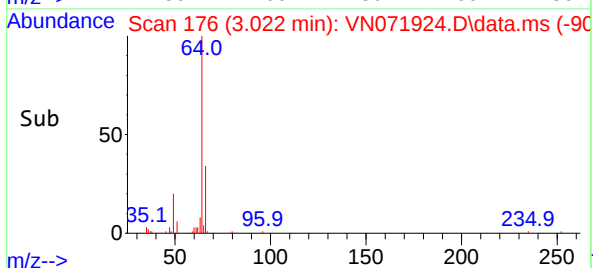
Reviewed By :John Carlone 04/11/2022
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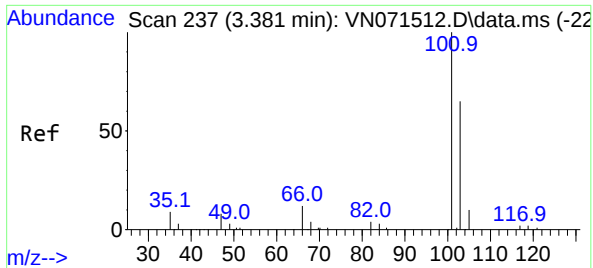


#6
Chloroethane
Concen: 20.065 ug/l
RT: 3.022 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



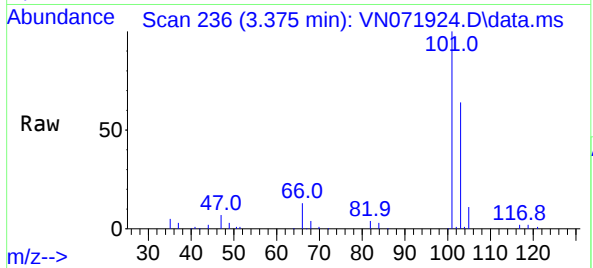
Tgt Ion: 64 Resp: 84319
Ion Ratio Lower Upper
64 100
66 31.6 24.6 36.8





#7
Trichlorofluoromethane
Concen: 21.636 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

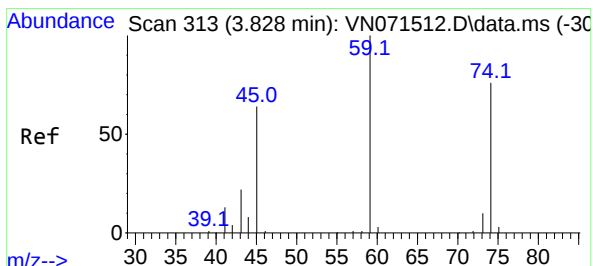
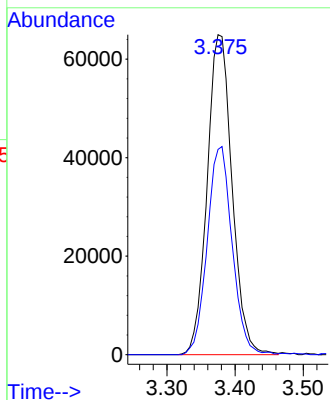
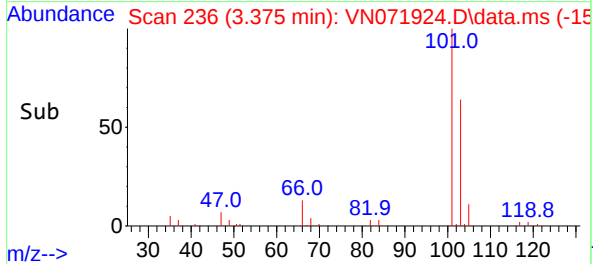
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



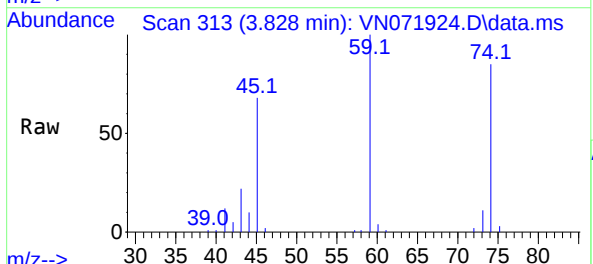
Tgt Ion:101 Resp: 165530
Ion Ratio Lower Upper
101 100
103 64.2 50.1 75.1

Manual Integrations
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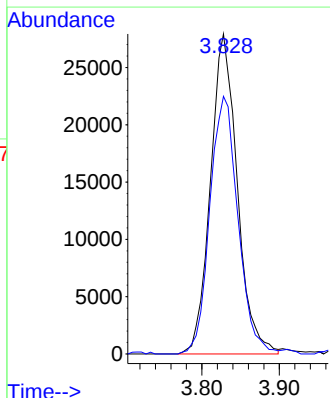
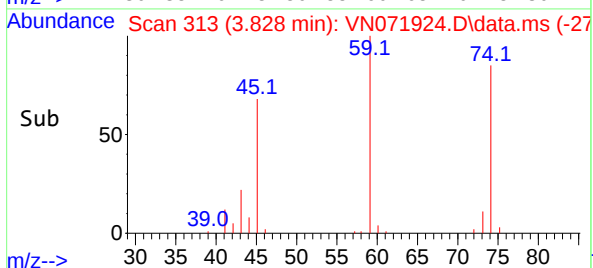
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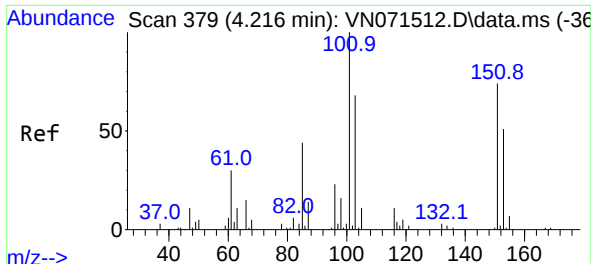


#8
Diethyl Ether
Concen: 20.893 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 74 Resp: 67169
Ion Ratio Lower Upper
74 100
45 84.4 17.6 158.8





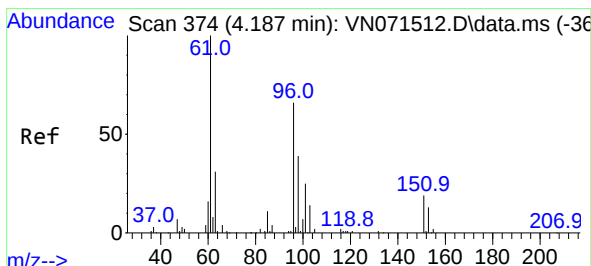
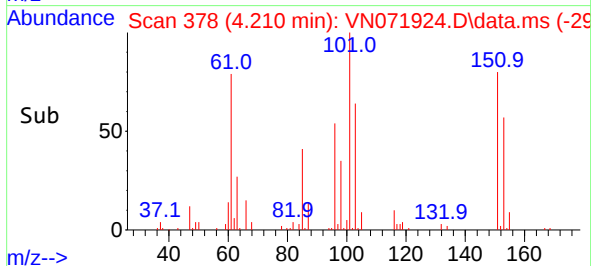
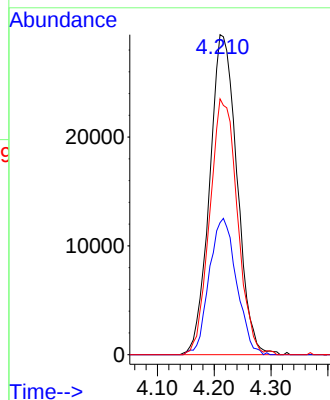
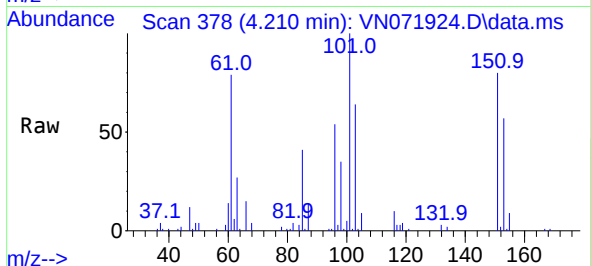
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.521 ug/l
RT: 4.210 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 98610
Ion Ratio Lower Upper
101 100
85 42.4 0.0 94.0
151 80.3 0.0 74.6

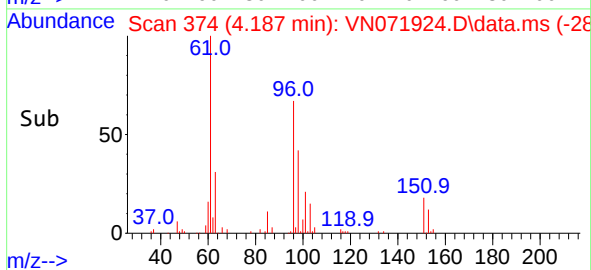
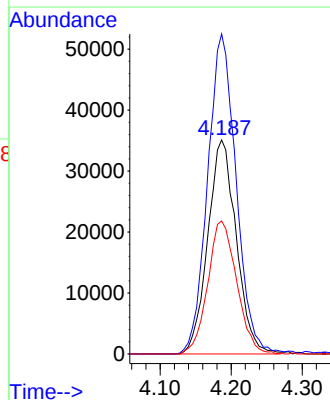
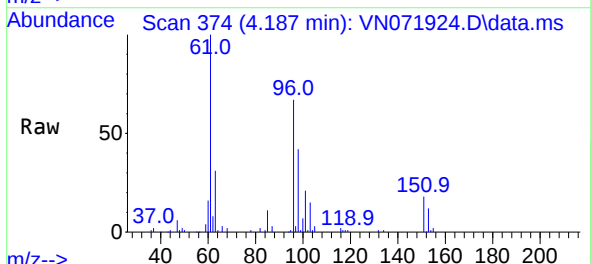
Manual Integrations
APPROVED

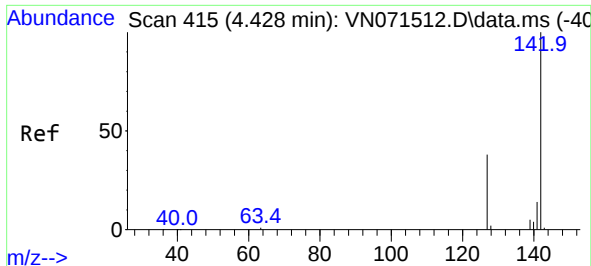
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#10
1,1-Dichloroethene
Concen: 21.652 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Tgt Ion: 96 Resp: 97848
Ion Ratio Lower Upper
96 100
61 149.0 126.2 189.4
98 62.1 50.9 76.3





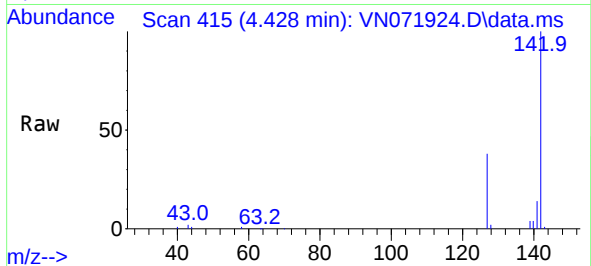
#11
Methyl Iodide
Concen: 18.715 ug/l
RT: 4.428 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



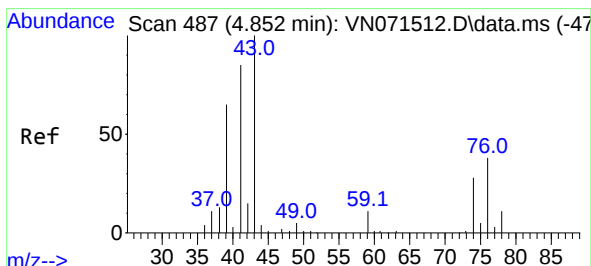
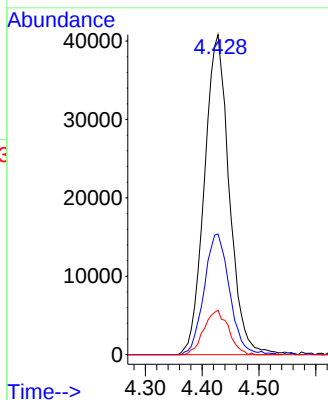
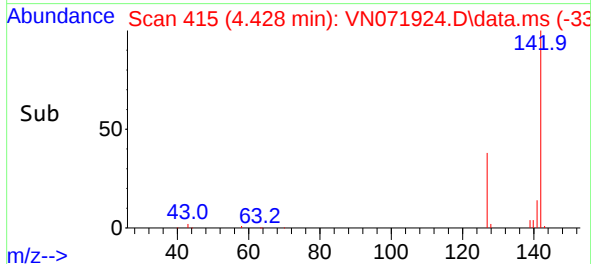
Tgt Ion:142 Resp: 123930
Ion Ratio Lower Upper
142 100
127 37.8 24.0 72.0
141 13.9 8.4 25.2

Manual Integrations

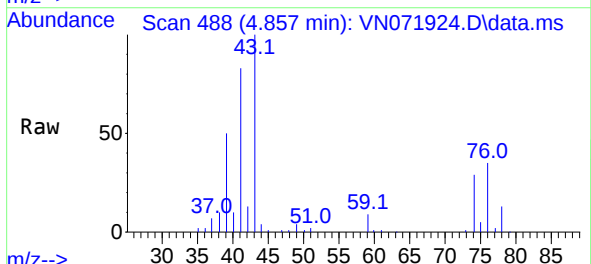
APPROVED

Reviewed By :John Carlone 04/11/2022

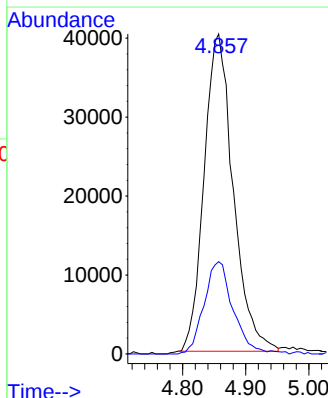
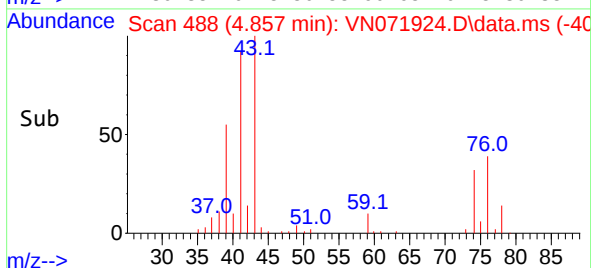
Supervised By :Mahesh Dadoda 04/11/2022

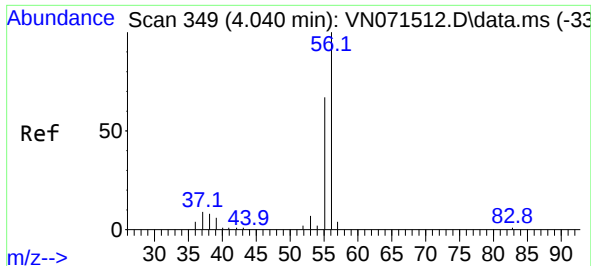


#12
Methyl Acetate
Concen: 20.209 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



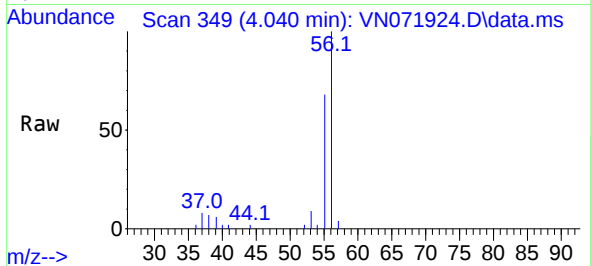
Tgt Ion: 43 Resp: 128706
Ion Ratio Lower Upper
43 100
74 28.9 20.8 31.2





#13
Acrolein
Concen: 104.818 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

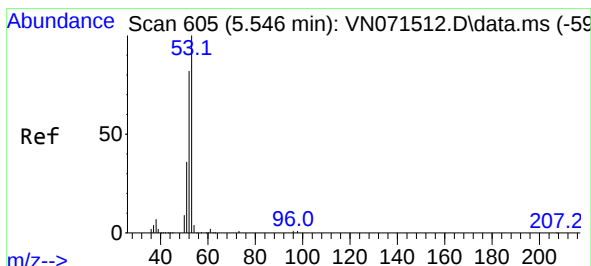
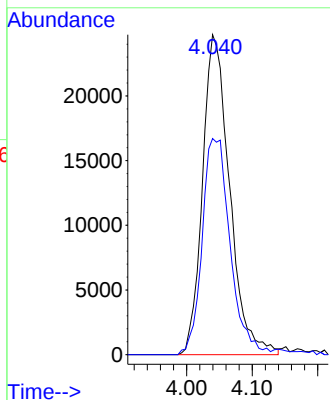
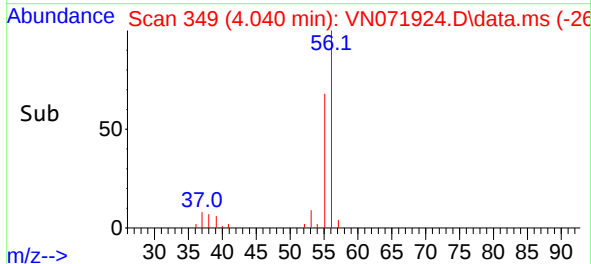
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



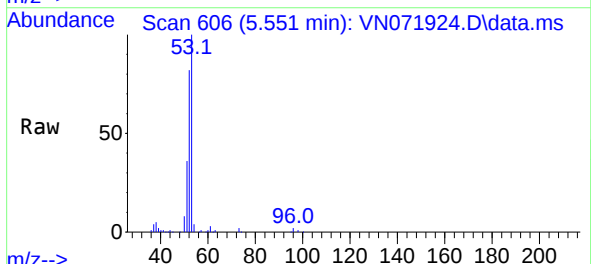
Tgt Ion: 56 Resp: 71019
Ion Ratio Lower Upper
56 100
55 38.7 57.6 86.4

Manual Integrations
APPROVED

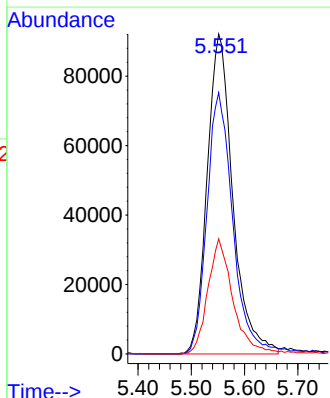
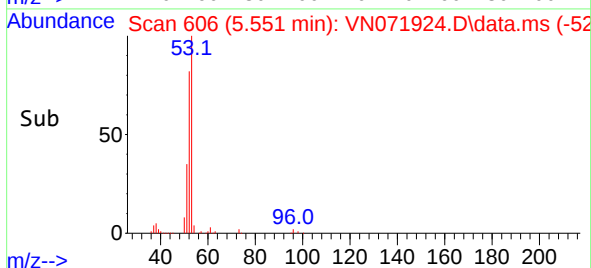
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

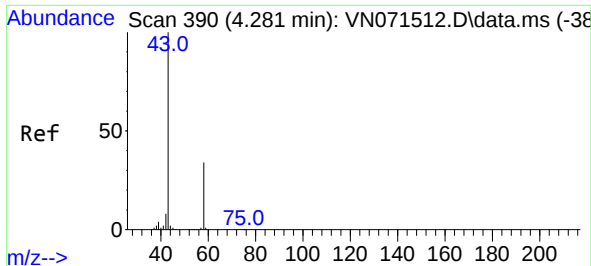


#14
Acrylonitrile
Concen: 106.748 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



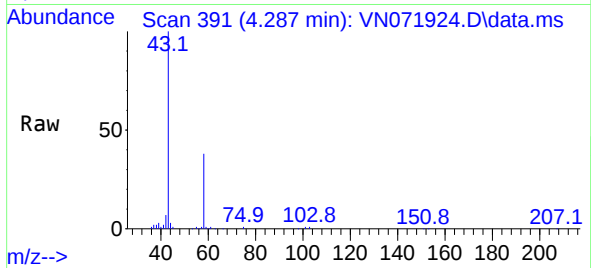
Tgt Ion: 53 Resp: 307908
Ion Ratio Lower Upper
53 100
52 82.1 41.8 125.4
51 35.2 19.0 57.0





#15
Acetone
Concen: 100.608 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

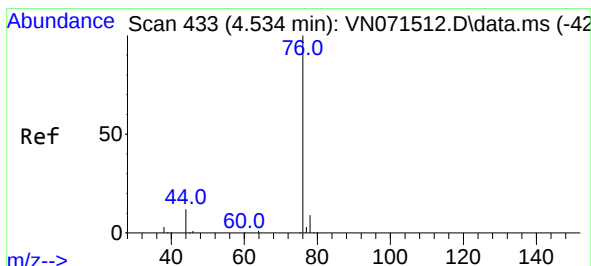
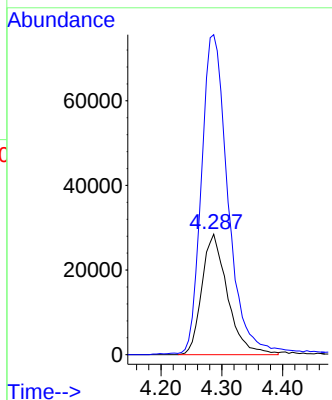
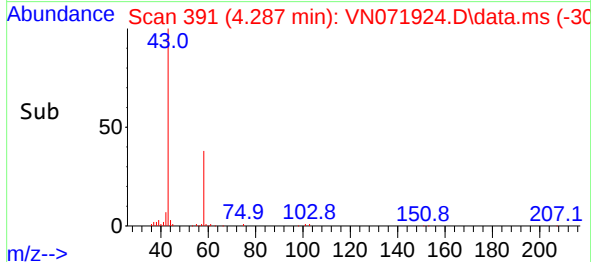
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 8351
Ion Ratio Lower Upper
58 100
43 264.4 256.6 384.8

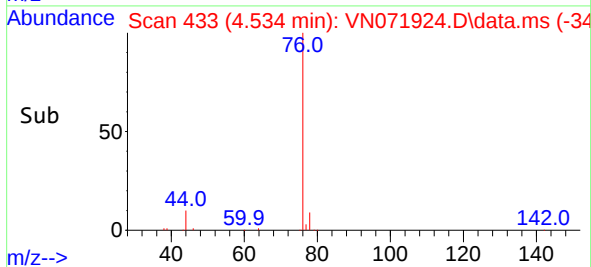
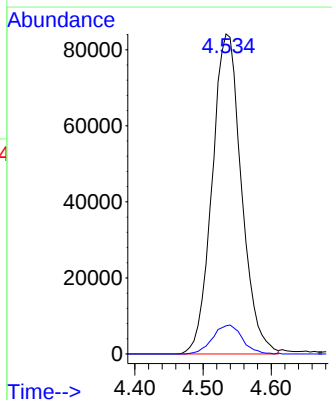
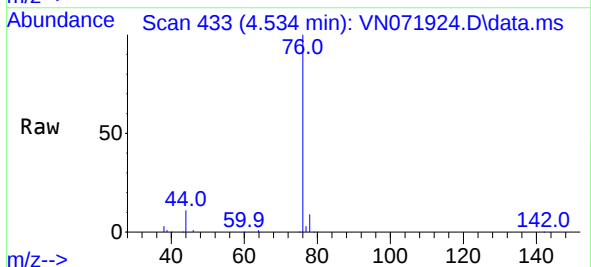
Manual Integrations
APPROVED

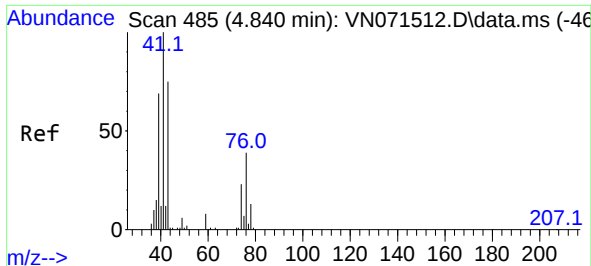
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#16
Carbon Disulfide
Concen: 21.406 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

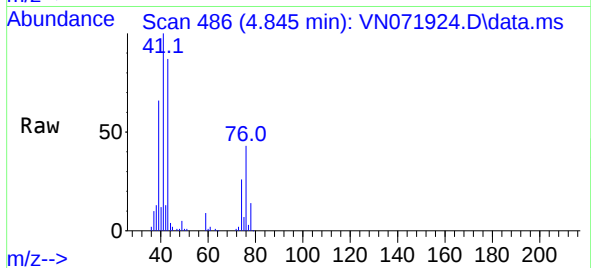
Tgt Ion: 76 Resp: 251859
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8





#17
 Allyl chloride
 Concen: 19.722 ug/l
 RT: 4.845 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VN071924.D
 Acq: 08 Apr 2022 19:08

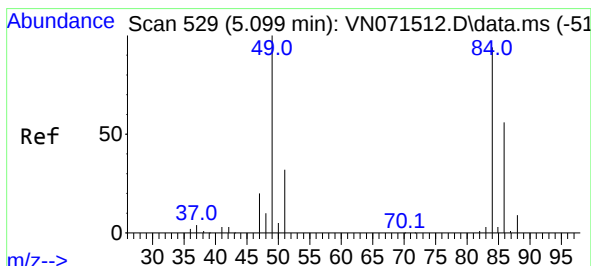
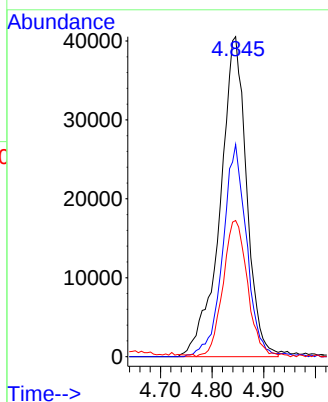
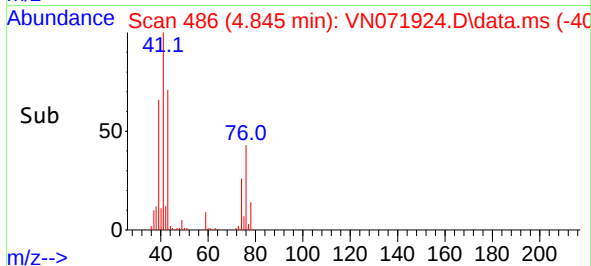
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 144559
 Ion Ratio Lower Upper
 41 100
 39 66.3 44.6 134.0
 76 42.0 19.6 58.7

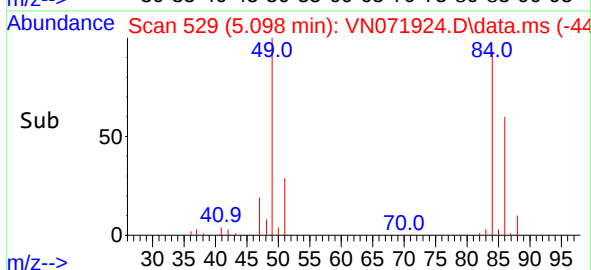
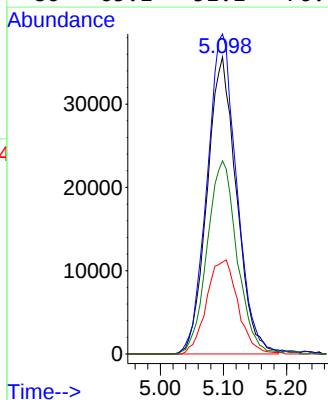
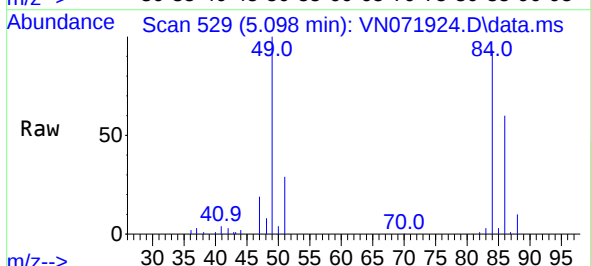
Manual Integrations
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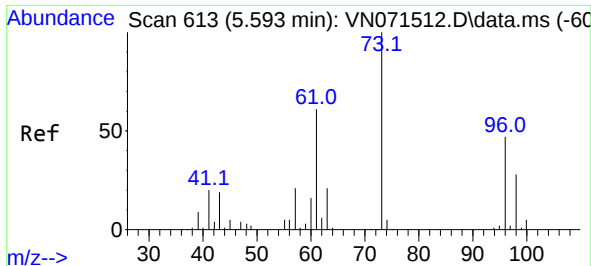
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#18
 Methylene Chloride
 Concen: 21.285 ug/l
 RT: 5.098 min Scan# 529
 Delta R.T. -0.000 min
 Lab File: VN071924.D
 Acq: 08 Apr 2022 19:08

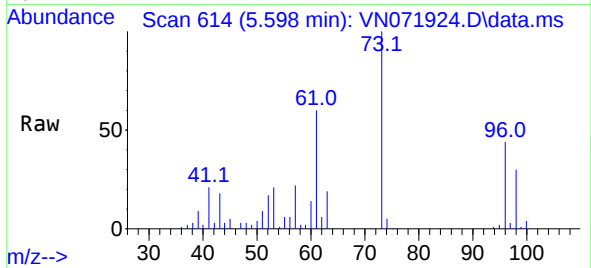
Tgt Ion: 84 Resp: 115392
 Ion Ratio Lower Upper
 84 100
 49 107.4 91.4 137.0
 51 31.0 29.4 44.0
 86 65.1 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 21.681 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

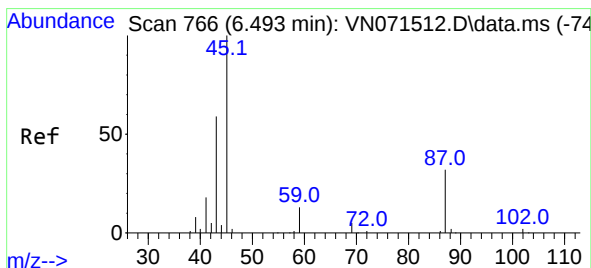
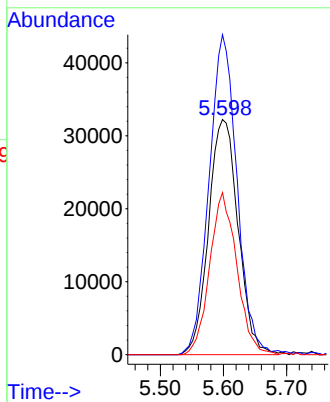
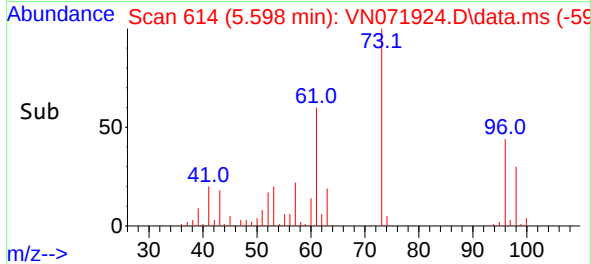
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



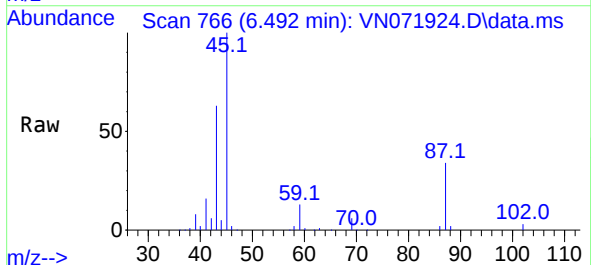
Tgt Ion: 96 Resp: 10479
Ion Ratio Lower Upper
96 100
61 136.1 102.8 154.2
98 68.9 49.3 73.9

Manual Integrations
APPROVED

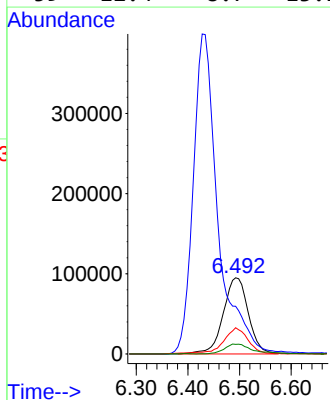
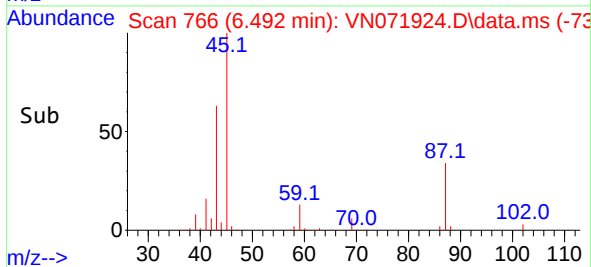
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

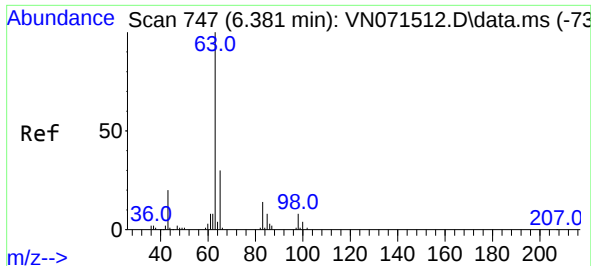


#20
Diisopropyl ether
Concen: 20.872 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 45 Resp: 320102
Ion Ratio Lower Upper
45 100
43 59.4 51.0 76.4
87 33.8 25.0 37.4
59 12.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.749 ug/l

RT: 6.386 min Scan# 74

Delta R.T. 0.006 min

Lab File: VN071924.D

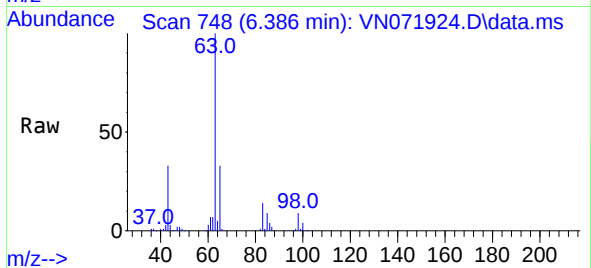
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 63 Resp: 19212

Ion Ratio Lower Upper

63 100

98 8.6 3.2 9.6

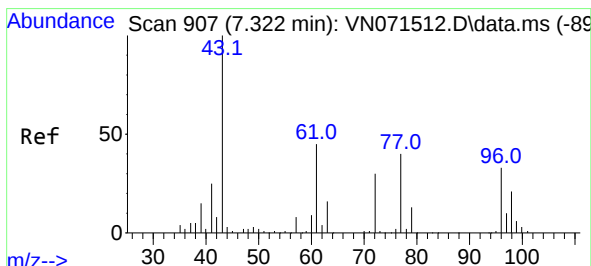
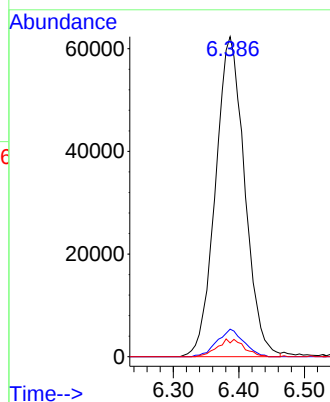
100 4.3 2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#22

cis-1,2-Dichloroethene

Concen: 21.460 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.006 min

Lab File: VN071924.D

Acq: 08 Apr 2022 19:08

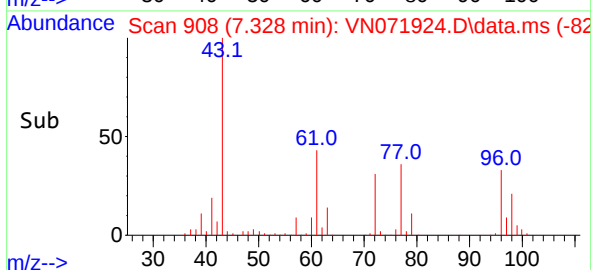
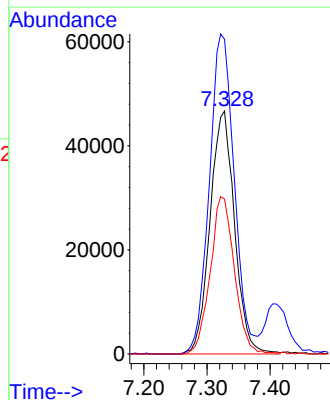
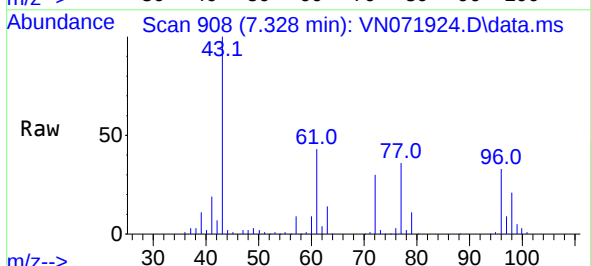
Tgt Ion: 96 Resp: 126020

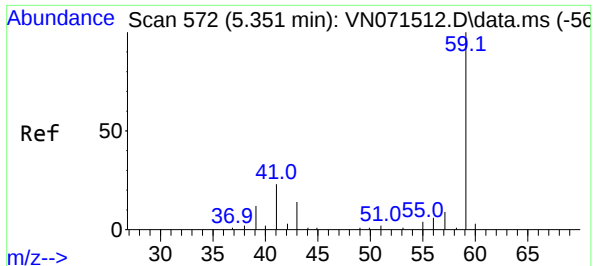
Ion Ratio Lower Upper

96 100

61 134.4 115.7 173.5

98 63.5 51.6 77.4





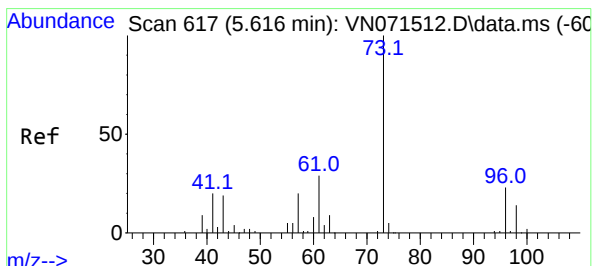
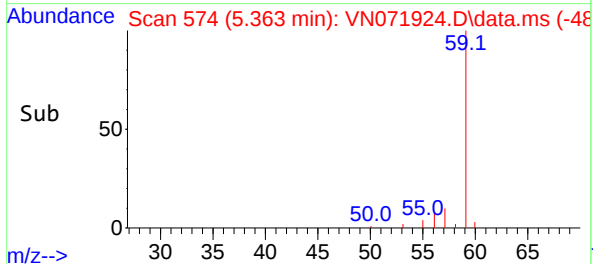
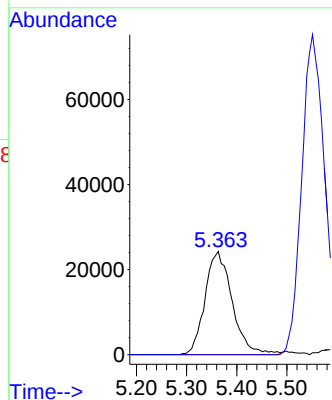
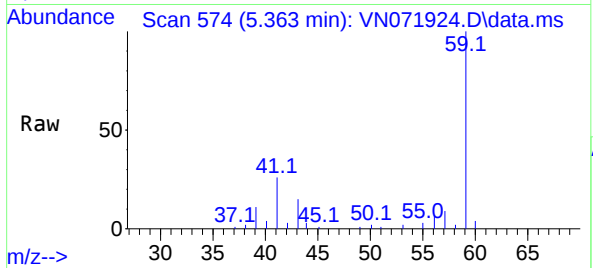
#23
tert-Butyl Alcohol
Concen: 88.811 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 91409
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

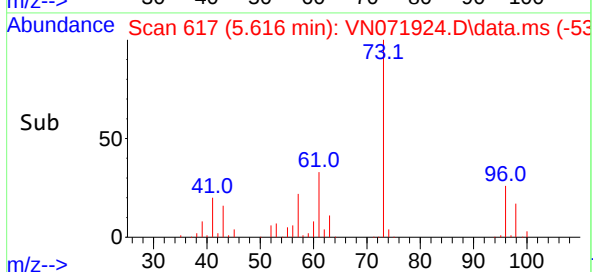
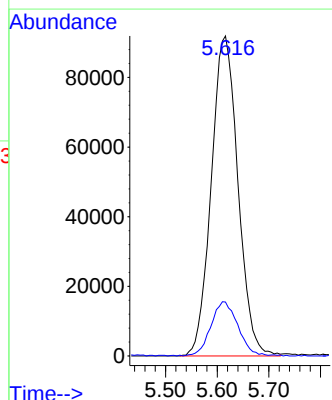
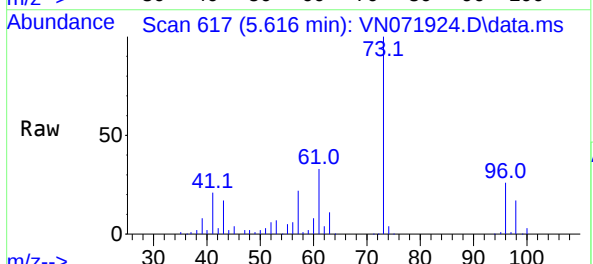
Manual Integrations
APPROVED

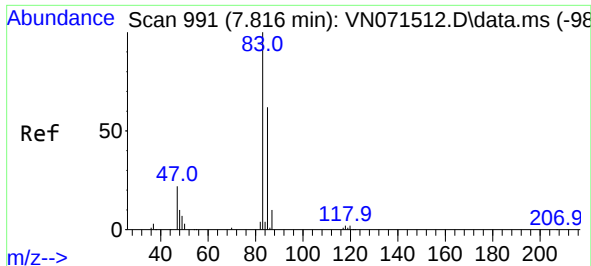
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#24
Methyl tert-Butyl Ether
Concen: 20.250 ug/l
RT: 5.616 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

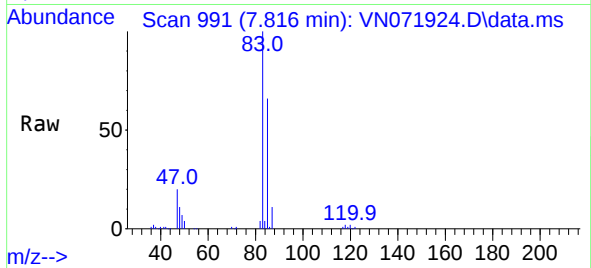
Tgt Ion: 73 Resp: 330264
Ion Ratio Lower Upper
73 100
43 17.1 18.1 27.1#





#25
Chloroform
Concen: 21.112 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

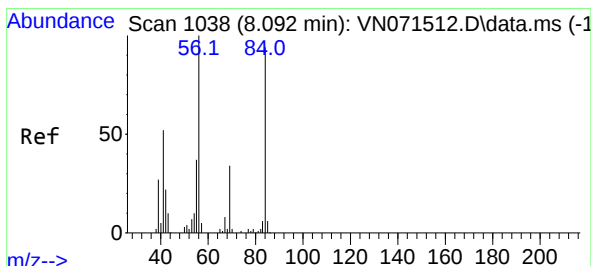
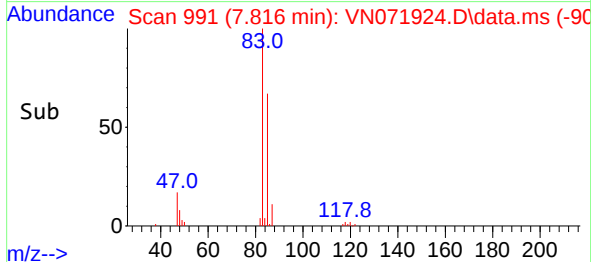
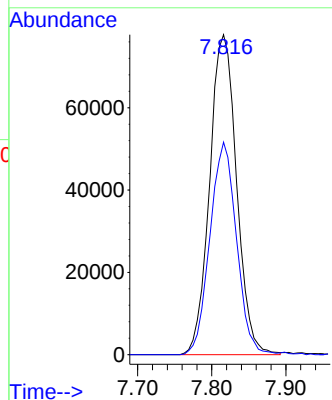
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 196608
Ion Ratio Lower Upper
83 100
85 66.4 51.3 76.9

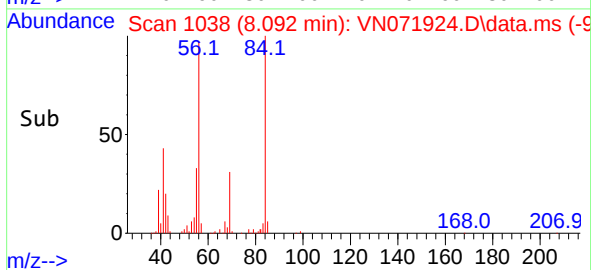
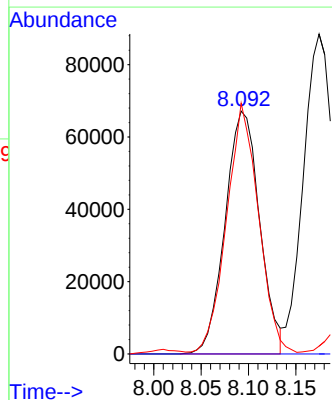
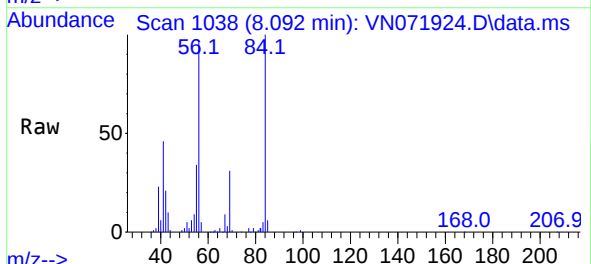
Manual Integrations
APPROVED

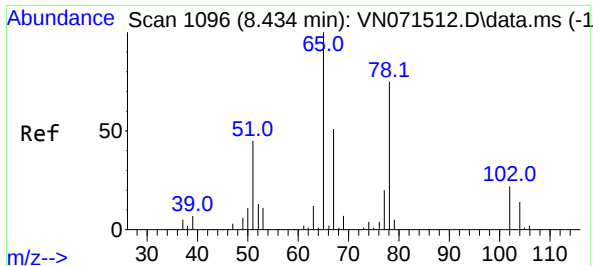
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#26
Cyclohexane
Concen: 21.311 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

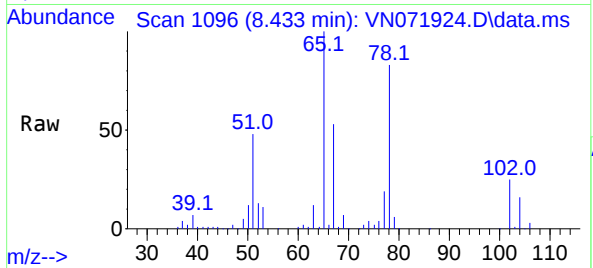
Tgt Ion: 56 Resp: 170562
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 95.9 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.731 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

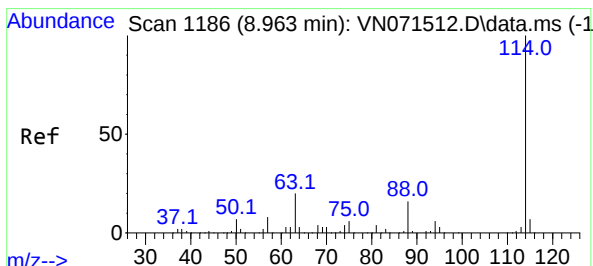
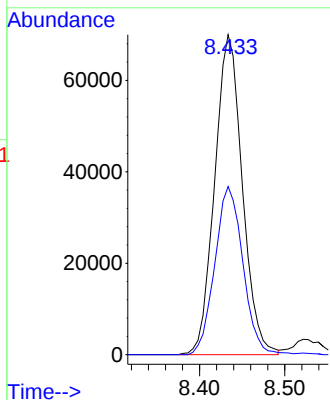
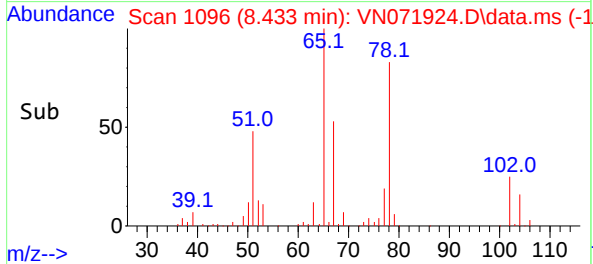
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



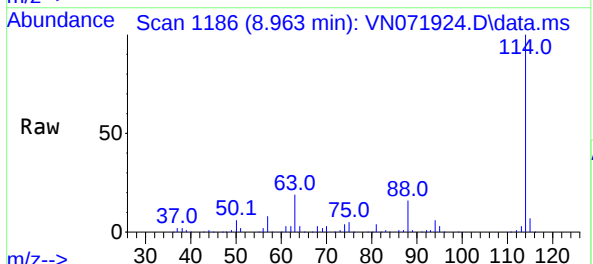
Tgt Ion: 65 Resp: 15789
Ion Ratio Lower Upper
65 100
67 53.4 40.2 60.2

Manual Integrations
APPROVED

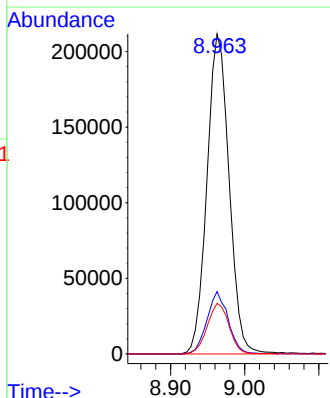
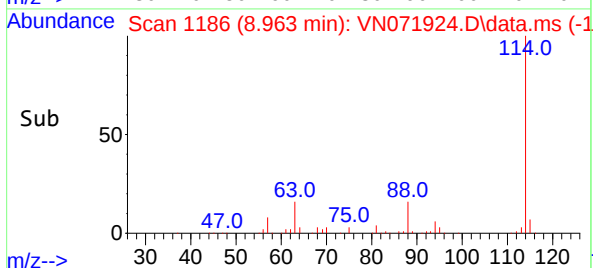
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

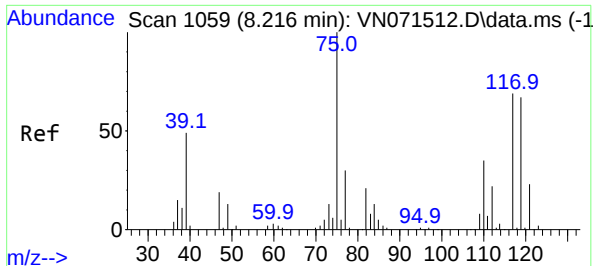


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion:114 Resp: 438510
Ion Ratio Lower Upper
114 100
63 18.7 15.8 23.6
88 15.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.566 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

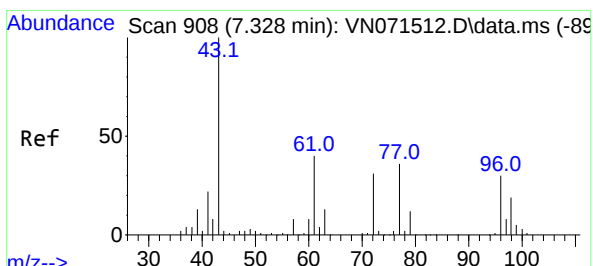
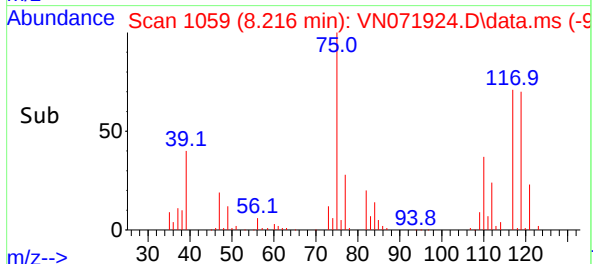
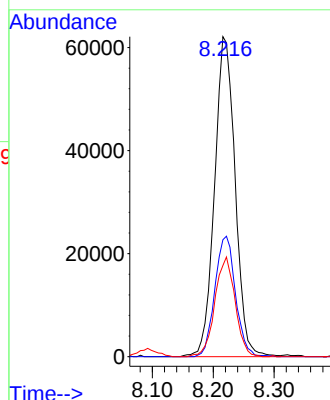
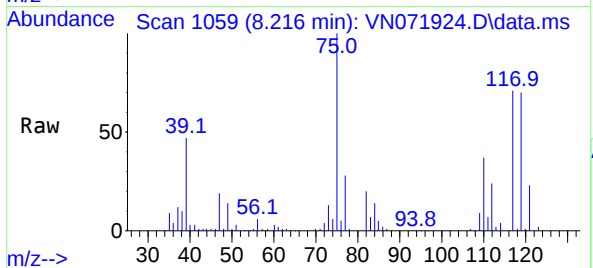
VSTDCCC020EC

Tgt Ion: 75 Resp: 14597
Ion Ratio Lower Upper
75 100
110 37.5 0.0 74.2
77 30.6 0.0 63.2

Manual Integrations

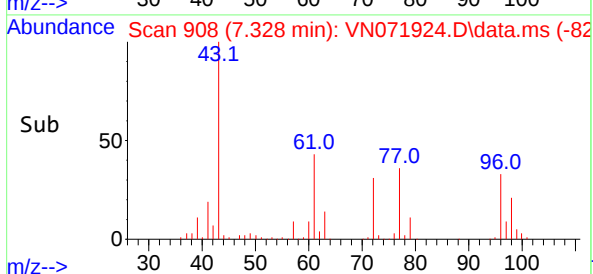
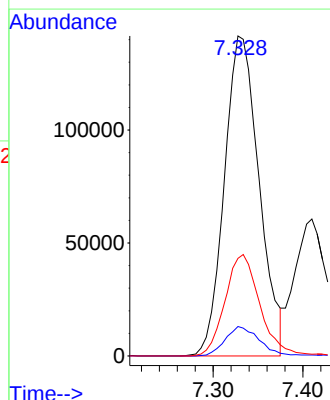
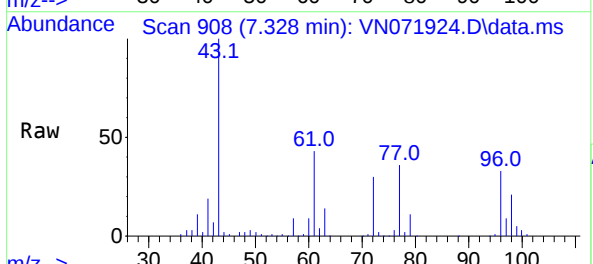
APPROVED

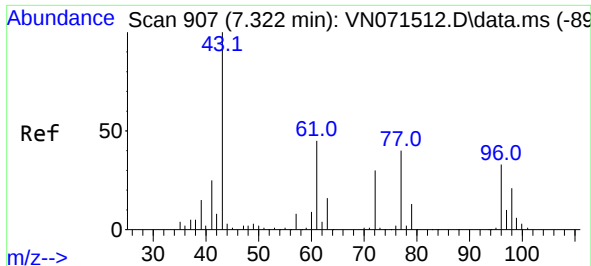
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#30
2-Butanone
Concen: 96.369 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Tgt Ion: 43 Resp: 380744
Ion Ratio Lower Upper
43 100
57 9.1 6.7 10.1
72 31.7 23.2 34.8





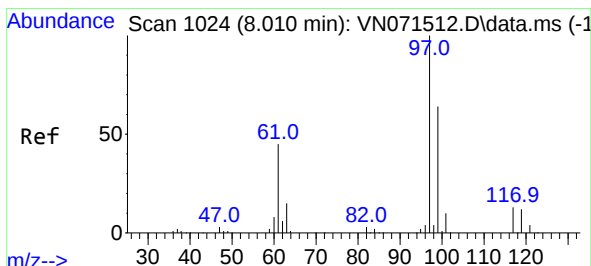
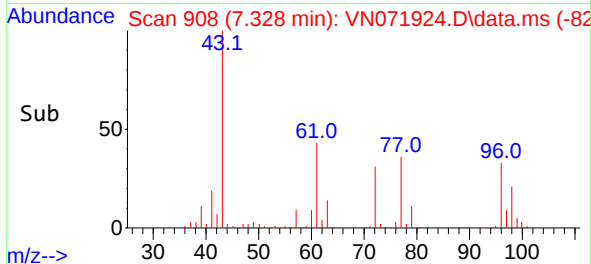
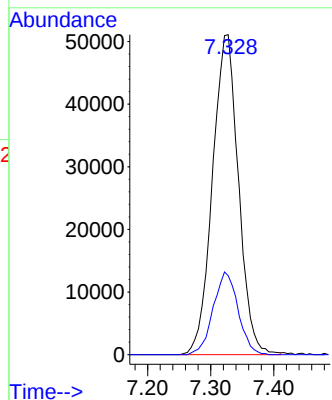
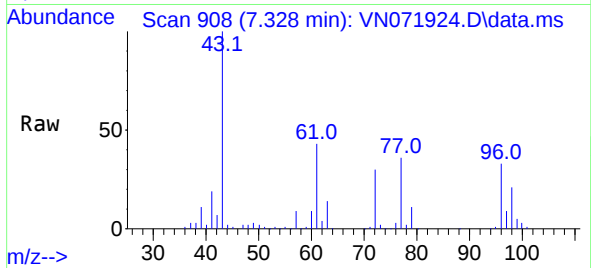
#31
2,2-Dichloropropane
Concen: 18.063 ug/l
RT: 7.328 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 14605
Ion Ratio Lower Upper
77 100
97 24.7 18.3 27.5

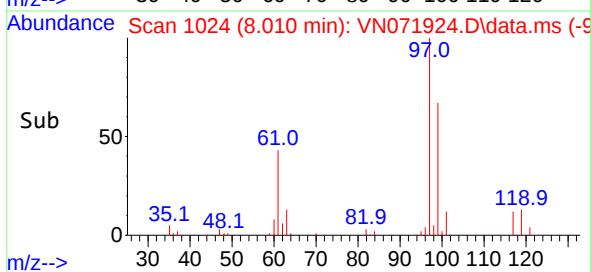
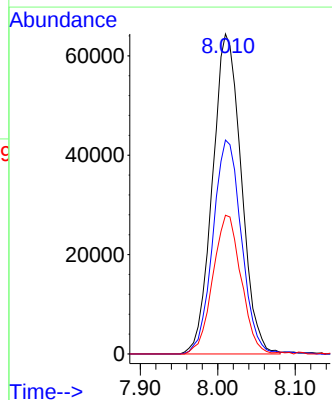
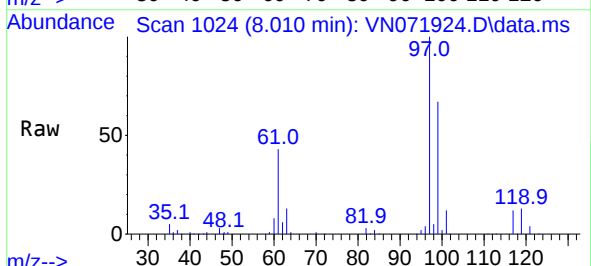
Manual Integrations
APPROVED

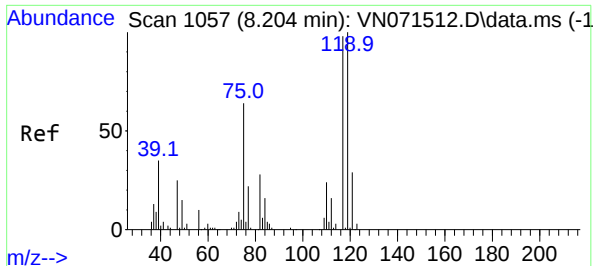
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#32
1,1,1-Trichloroethane
Concen: 20.112 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

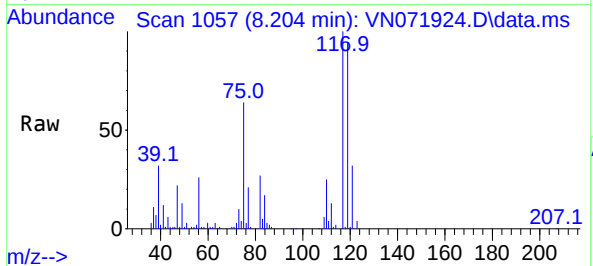
Tgt Ion: 97 Resp: 166260
Ion Ratio Lower Upper
97 100
99 66.3 50.4 75.6
61 42.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.496 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

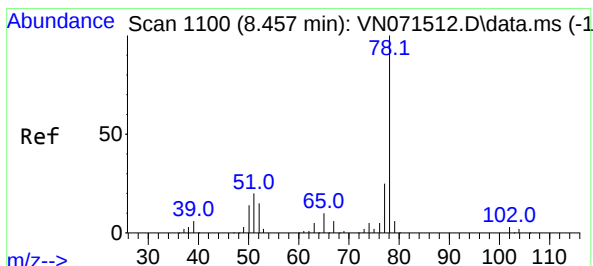
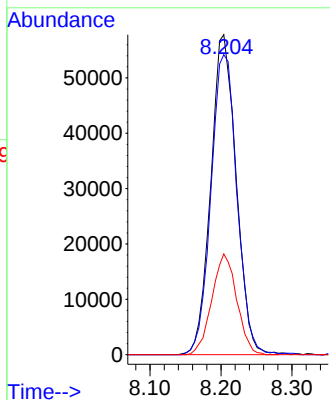
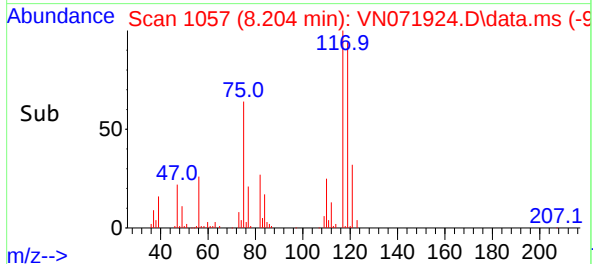
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



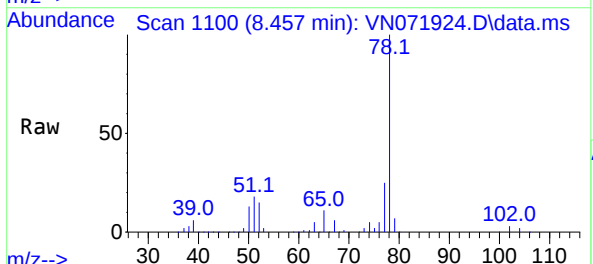
Tgt Ion: 117 Resp: 14342
Ion Ratio Lower Upper
117 100
119 93.8 77.5 116.3
121 31.5 23.5 35.3

Manual Integrations
APPROVED

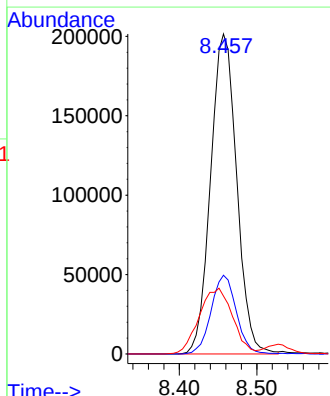
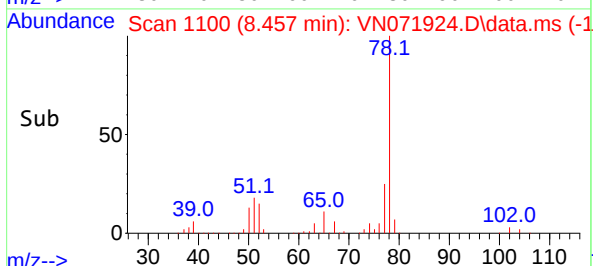
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

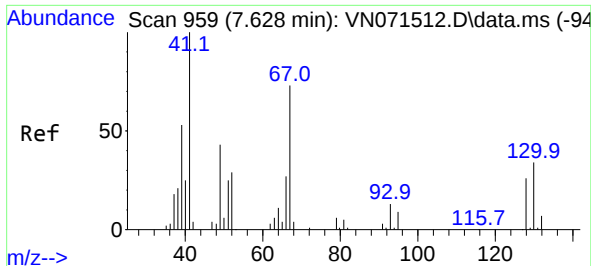


#34
Benzene
Concen: 21.383 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 78 Resp: 471532
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7
51 17.5 16.0 24.0





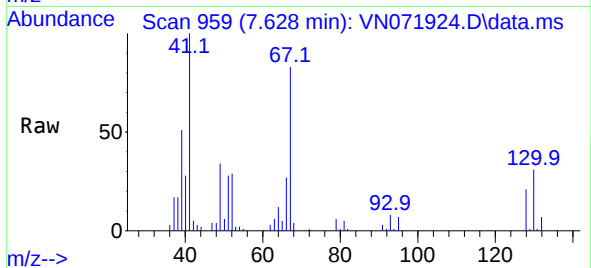
#35
Methacrylonitrile
Concen: 19.981 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

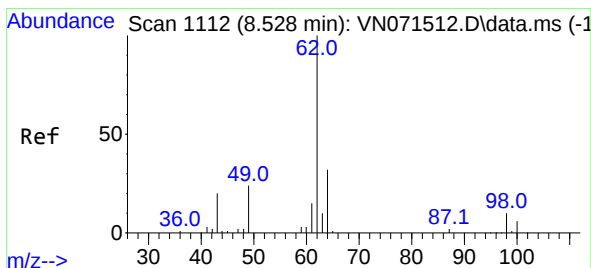
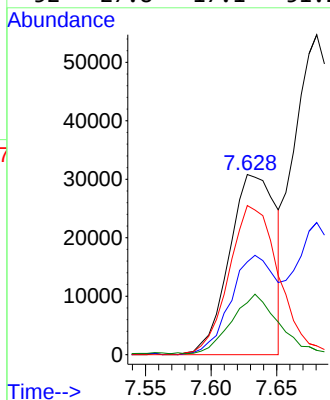
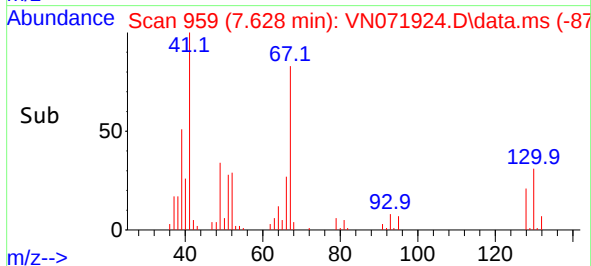


Tgt Ion: 41 Resp: 7574
Ion Ratio Lower Upper
41 100
39 51.5 28.0 83.9
67 82.8 37.7 113.1
52 27.8 17.1 51.2

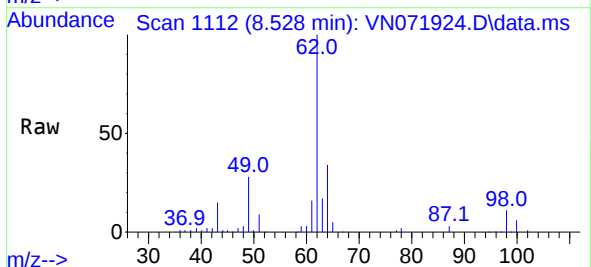
Manual Integrations

APPROVED

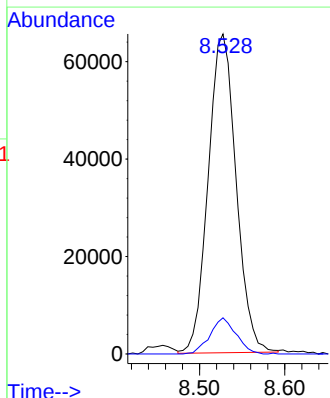
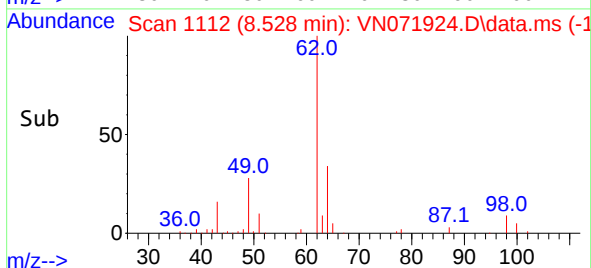
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

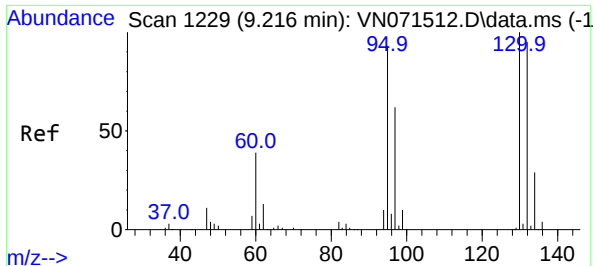


#36
1,2-Dichloroethane
Concen: 19.364 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 62 Resp: 148970
Ion Ratio Lower Upper
62 100
98 10.6 6.6 10.0#





#37
Trichloroethene
Concen: 21.060 ug/l
RT: 9.216 min Scan# 119835
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

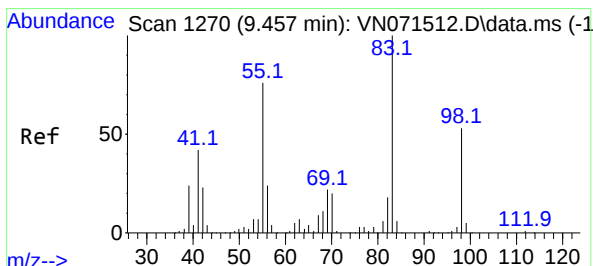
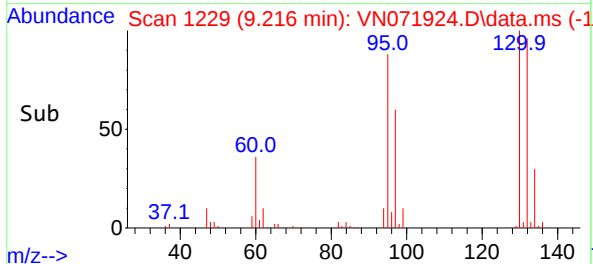
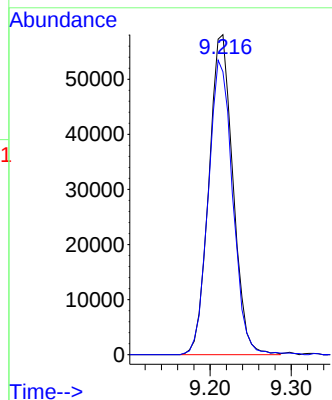
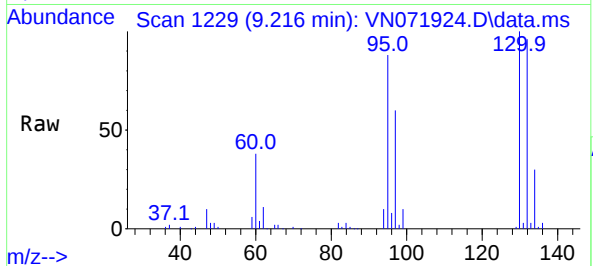
VSTDCCC020EC

Tgt Ion:130 Resp: 119835
Ion Ratio Lower Upper
130 100
95 88.4 76.6 115.0

Manual Integrations

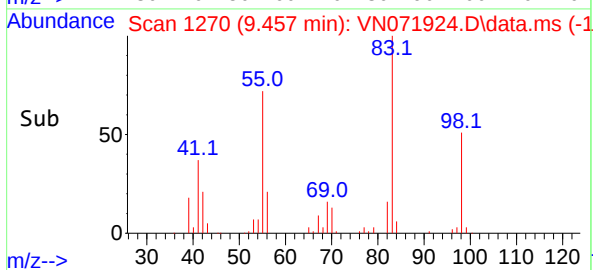
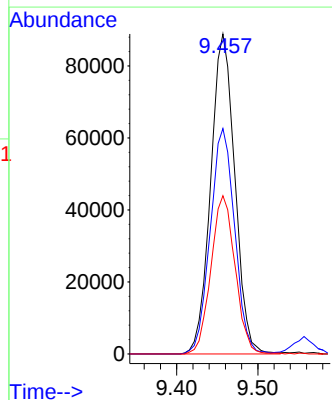
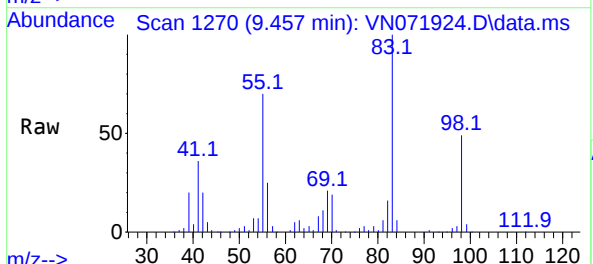
APPROVED

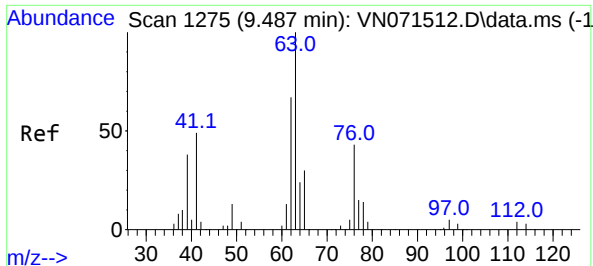
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#38
Methylcyclohexane
Concen: 20.519 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

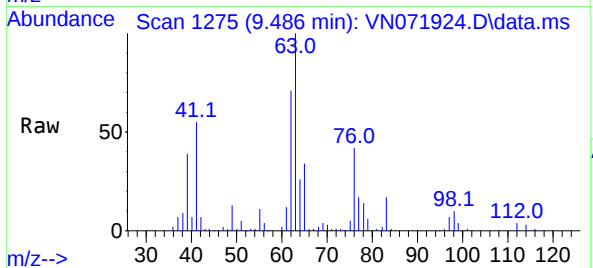
Tgt Ion: 83 Resp: 183569
Ion Ratio Lower Upper
83 100
55 71.4 35.1 105.3
98 49.4 23.4 70.2





#39
1,2-Dichloropropane
Concen: 20.403 ug/l
RT: 9.486 min Scan# 11256
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

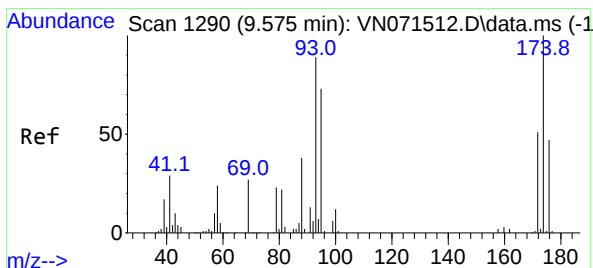
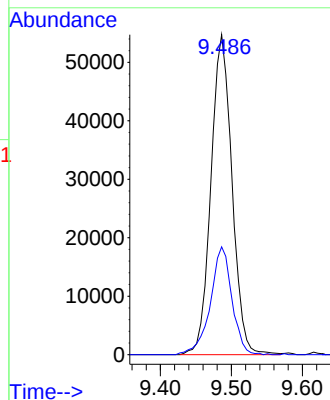
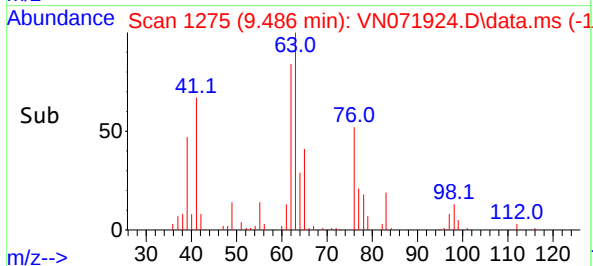
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 11256
Ion Ratio Lower Upper
63 100
65 33.7 24.2 36.4

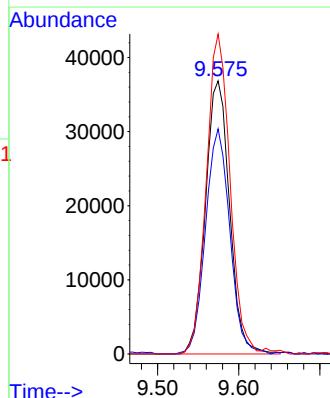
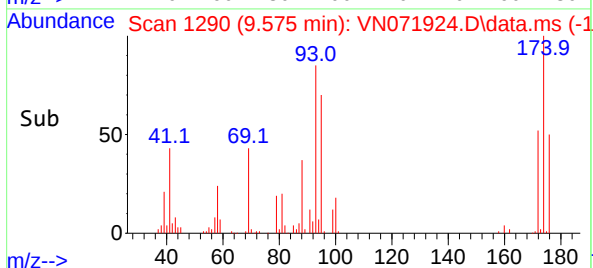
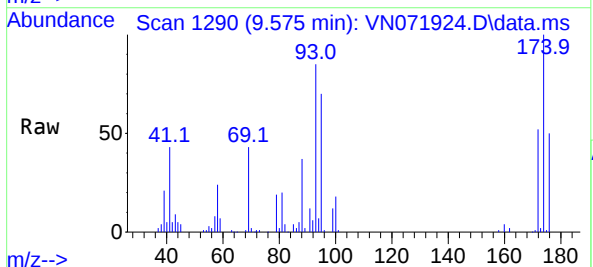
Manual Integrations
APPROVED

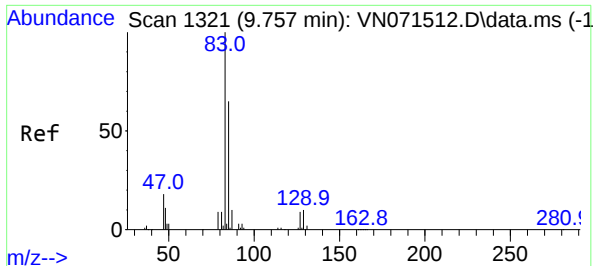
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#40
Dibromomethane
Concen: 20.414 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

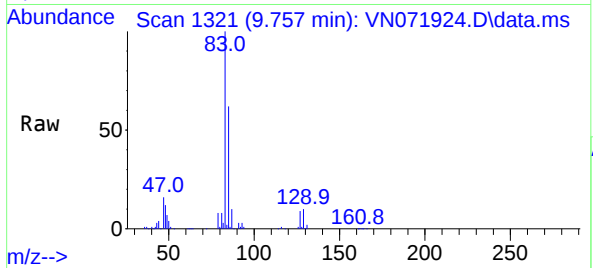
Tgt Ion: 93 Resp: 76236
Ion Ratio Lower Upper
93 100
95 82.8 0.0 168.8
174 114.5 0.0 173.6





#41
Bromodichloromethane
Concen: 20.435 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

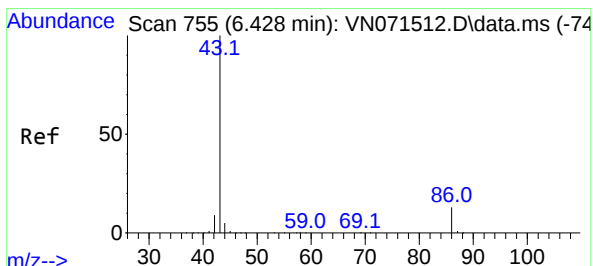
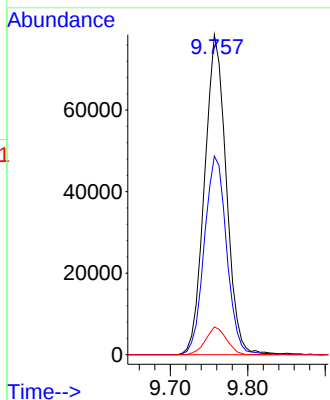
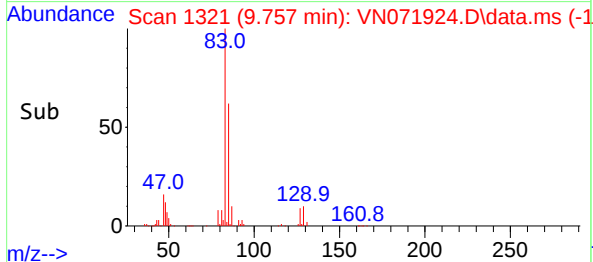
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



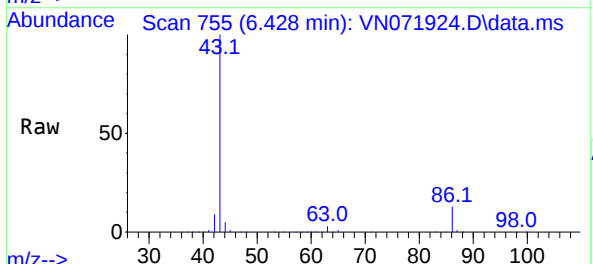
Tgt Ion: 83 Resp: 152709
Ion Ratio Lower Upper
83 100
85 62.0 54.1 81.1
127 8.6 7.6 11.4

Manual Integrations
APPROVED

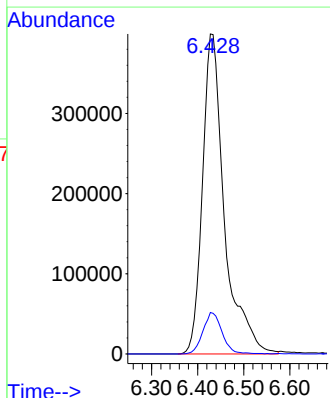
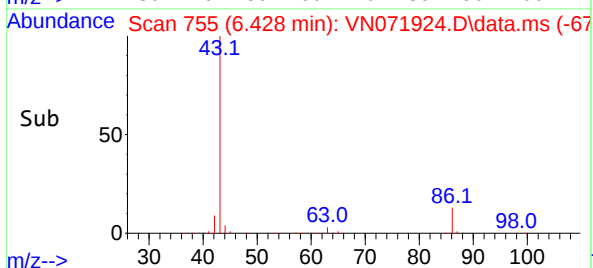
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

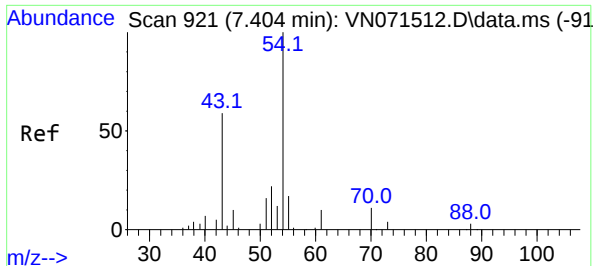


#42
Vinyl Acetate
Concen: 97.782 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



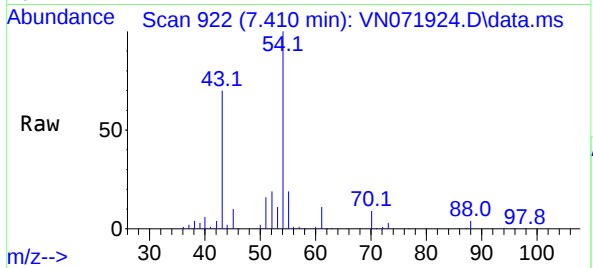
Tgt Ion: 43 Resp: 1323709
Ion Ratio Lower Upper
43 100
86 11.2 7.5 11.3





#43
Ethyl Acetate
Concen: 21.655 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

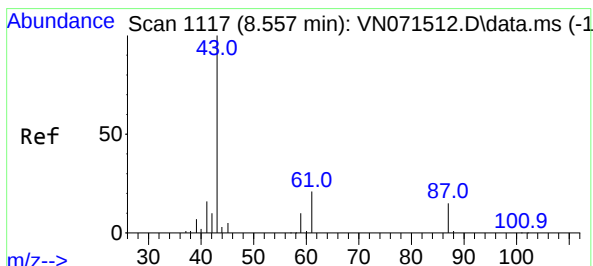
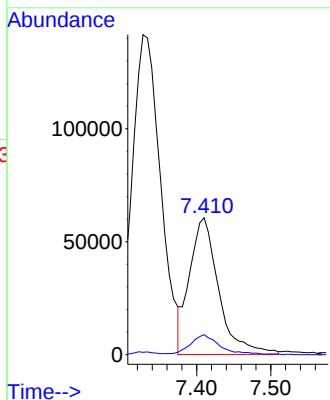
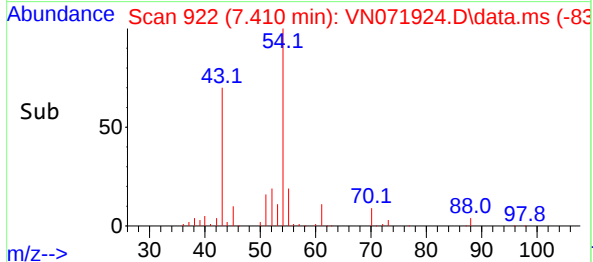
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



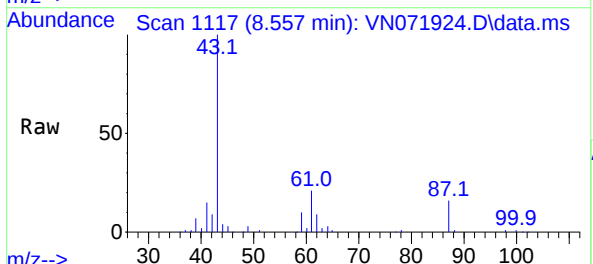
Tgt Ion: 43 Resp: 16590
Ion Ratio Lower Upper
43 100
45 14.8 10.6 16.0

Manual Integrations
APPROVED

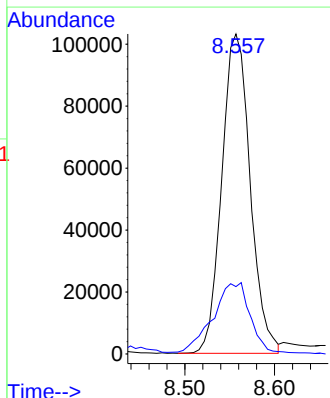
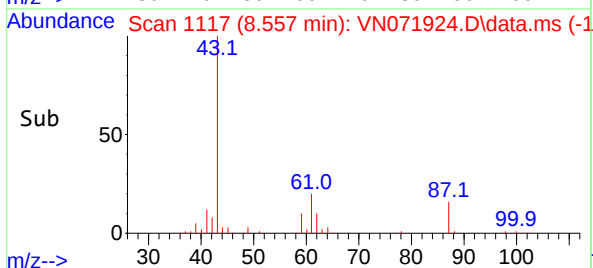
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

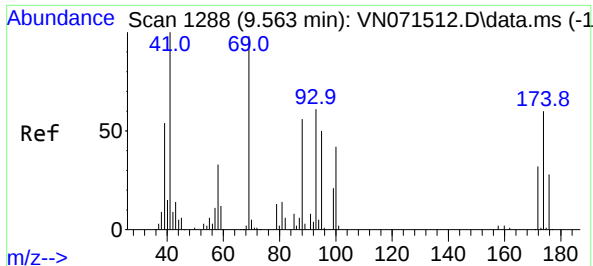


#44
Isopropyl Acetate
Concen: 18.474 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 43 Resp: 226995
Ion Ratio Lower Upper
43 100
61 18.8 20.1 30.1#





#45

1,4-Dioxane

Concen: 372.680 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071924.D

Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 88 Resp: 4620

Ion Ratio Lower Upper

88 100

43 27.0 25.0 37.6

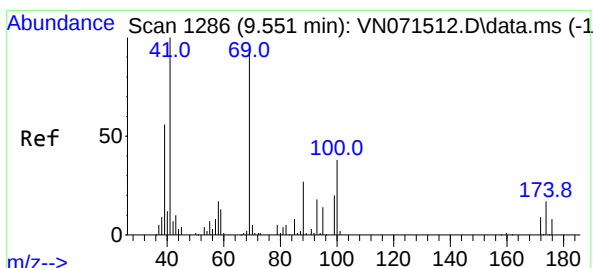
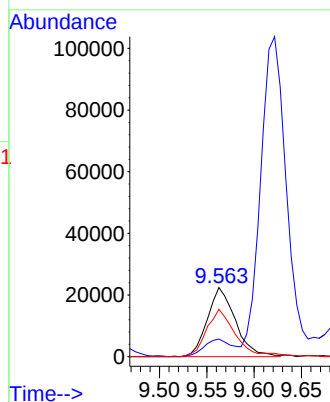
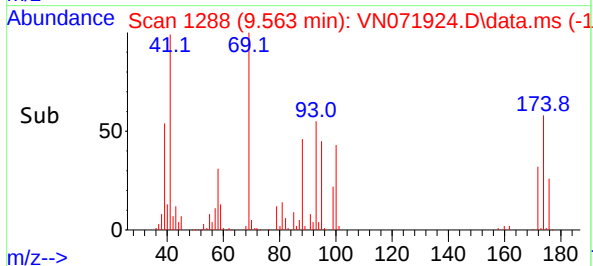
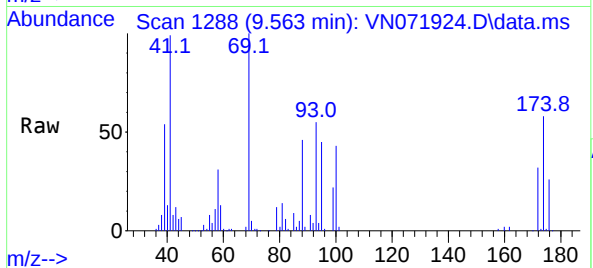
58 66.6 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#46

Methyl methacrylate

Concen: 18.500 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.006 min

Lab File: VN071924.D

Acq: 08 Apr 2022 19:08

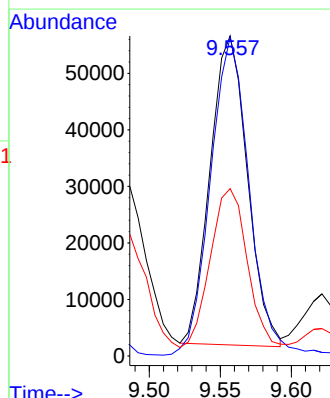
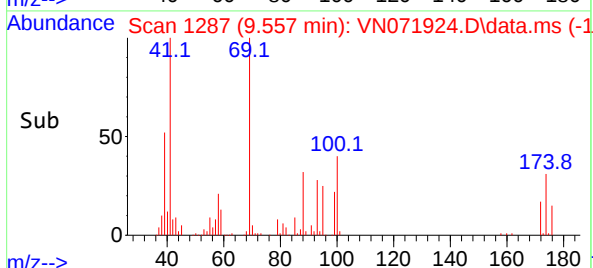
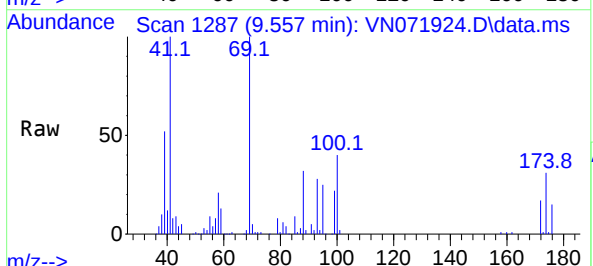
Tgt Ion: 41 Resp: 99686

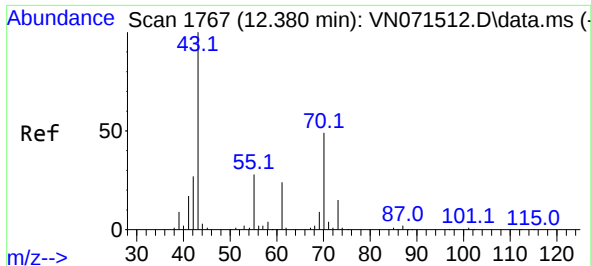
Ion Ratio Lower Upper

41 100

69 101.4 44.4 133.2

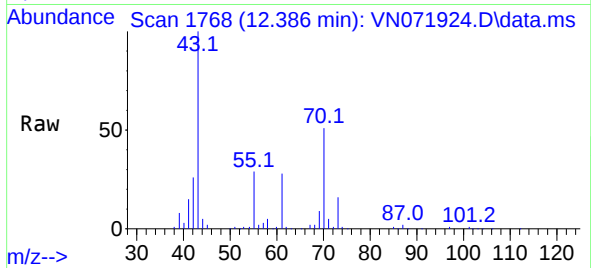
39 51.7 39.9 119.6





#47
n-amyl acetate
Concen: 16.536 ug/l m
RT: 12.386 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

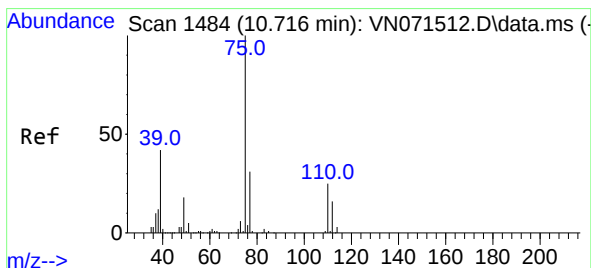
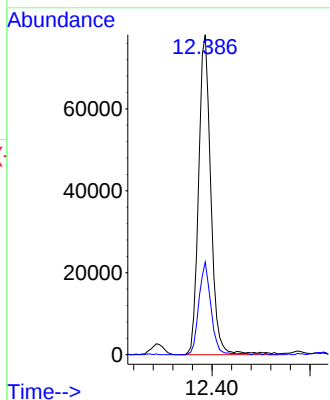
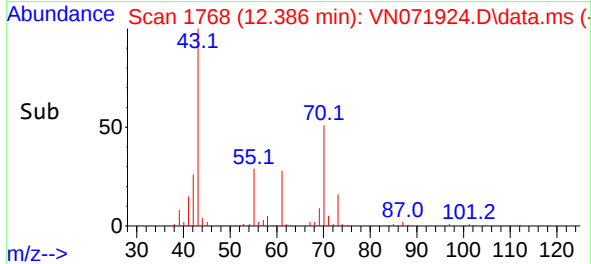
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 13559
Ion Ratio Lower Upper
43 100
55 0.2 19.0 28.6

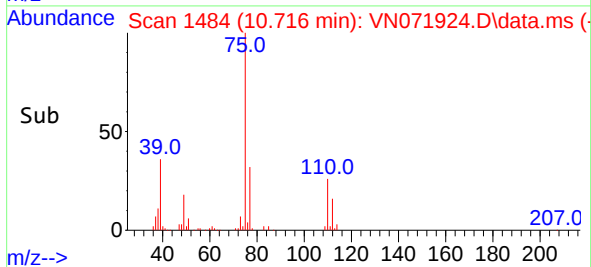
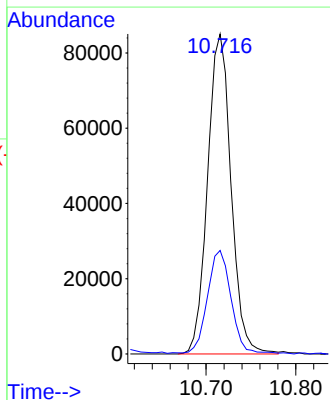
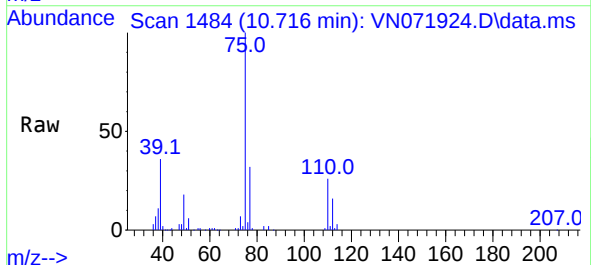
Manual Integrations
APPROVED

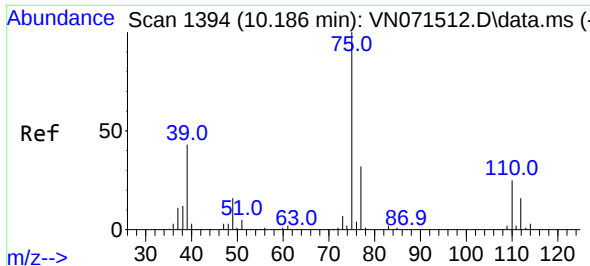
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#48
t-1,3-Dichloropropene
Concen: 19.026 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Tgt Ion: 75 Resp: 154534
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9





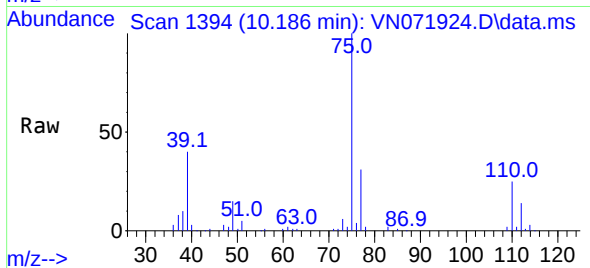
#49
cis-1,3-Dichloropropene
Concen: 19.719 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

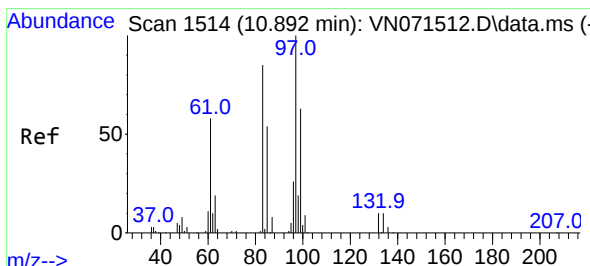
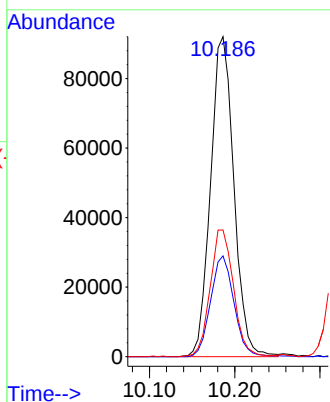
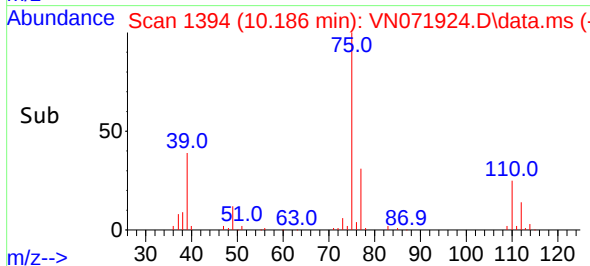


Tgt Ion: 75 Resp: 175152
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 39.6 46.2 69.4

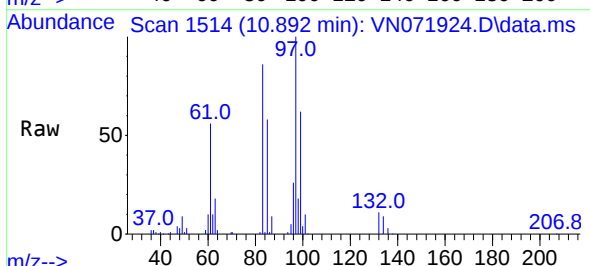
Manual Integrations

APPROVED

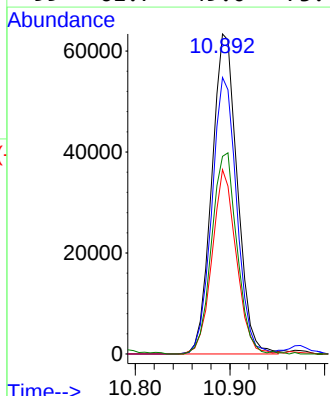
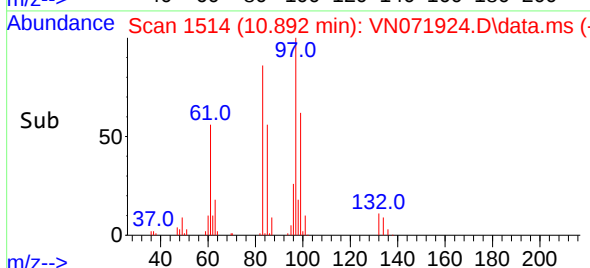
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

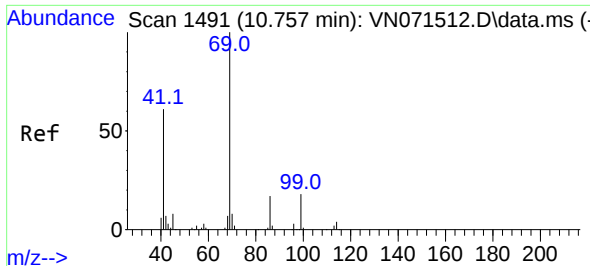


#50
1,1,2-Trichloroethane
Concen: 21.298 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



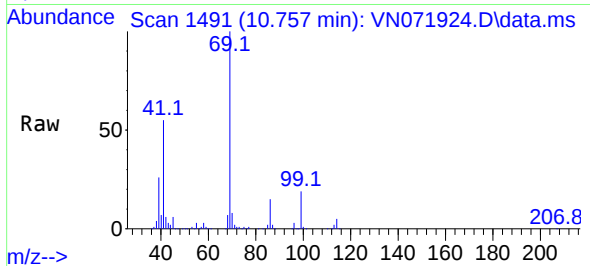
Tgt Ion: 97 Resp: 118903
Ion Ratio Lower Upper
97 100
83 86.4 67.2 100.8
85 57.6 43.0 64.4
99 61.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.509 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

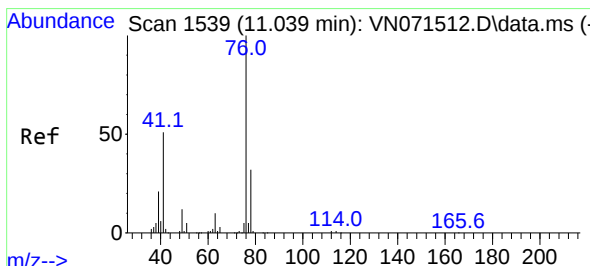
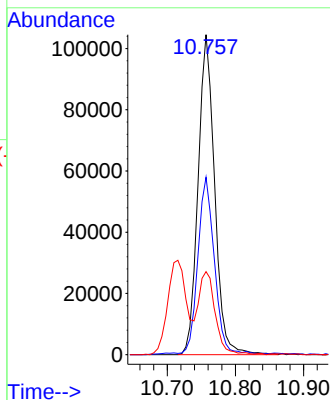
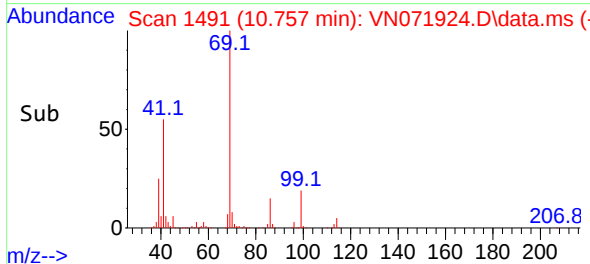
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



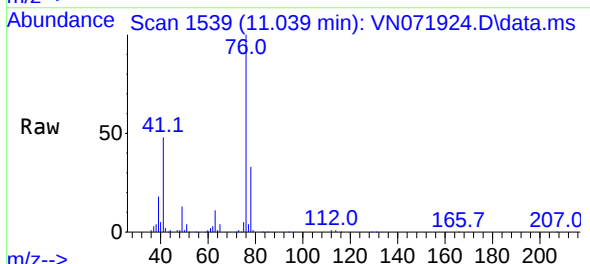
Tgt Ion: 69 Resp: 176785
Ion Ratio Lower Upper
69 100
41 55.1 33.0 98.9
39 25.7 25.4 76.4

Manual Integrations
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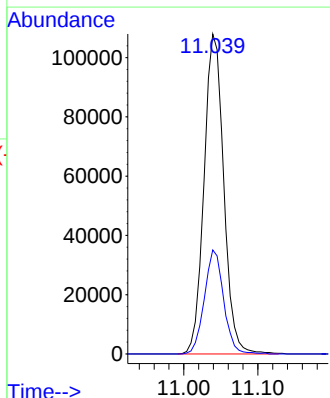
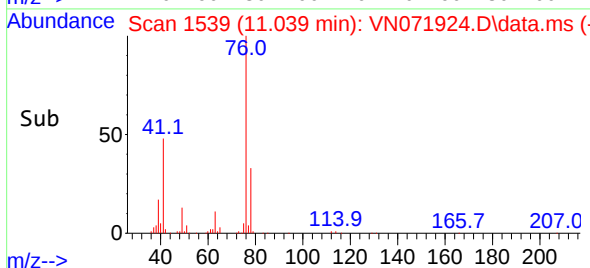
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

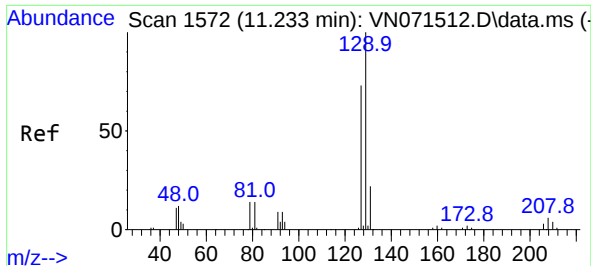


#52
1,3-Dichloropropane
Concen: 20.933 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



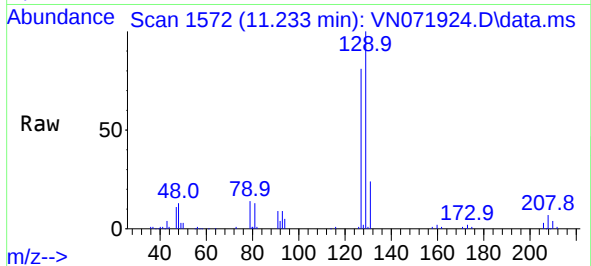
Tgt Ion: 76 Resp: 199575
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.4





#53
Dibromochloromethane
Concen: 20.655 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

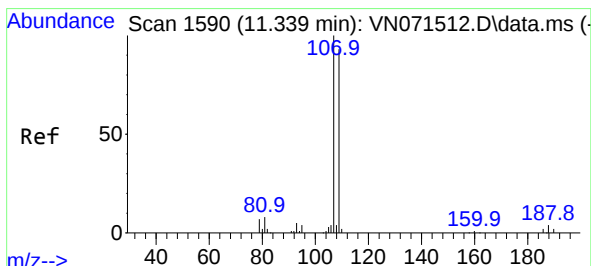
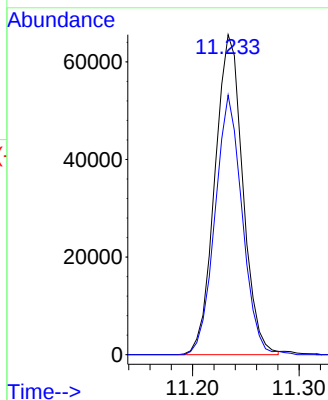
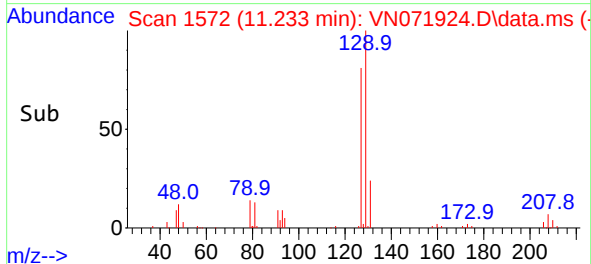
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



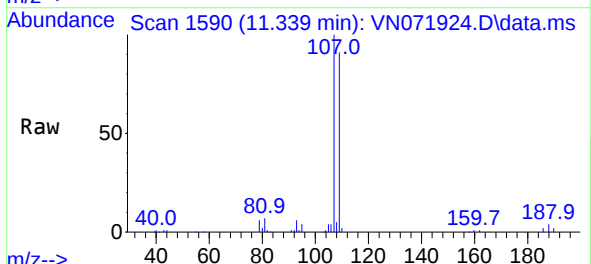
Tgt Ion:129 Resp: 119368
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0

Manual Integrations
APPROVED

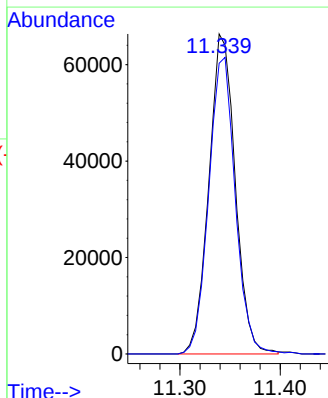
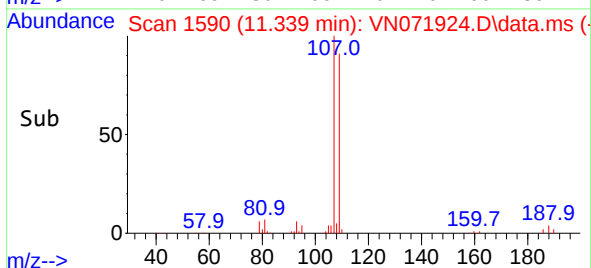
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

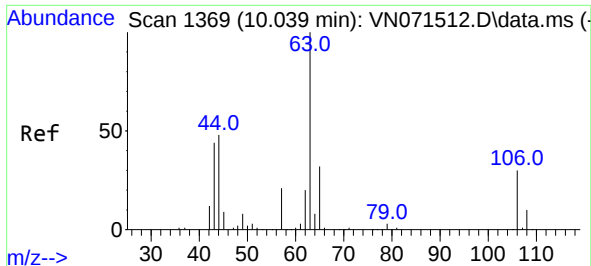


#54
1,2-Dibromoethane
Concen: 21.085 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion:107 Resp: 121083
Ion Ratio Lower Upper
107 100
109 93.2 72.8 109.2





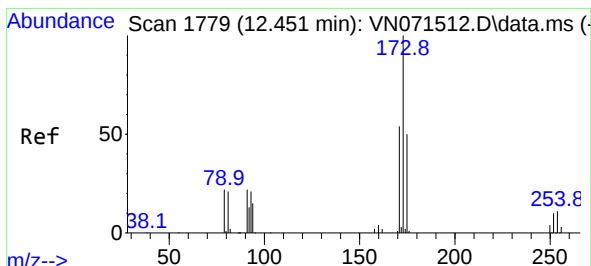
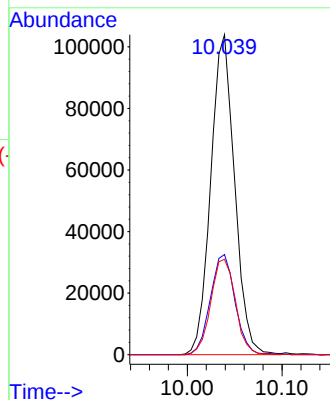
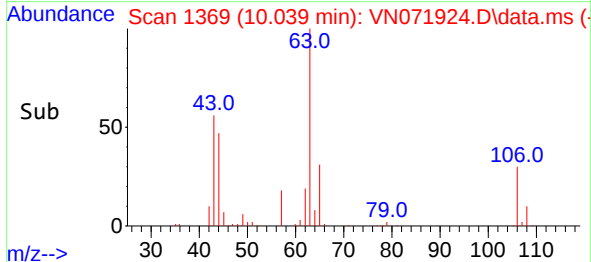
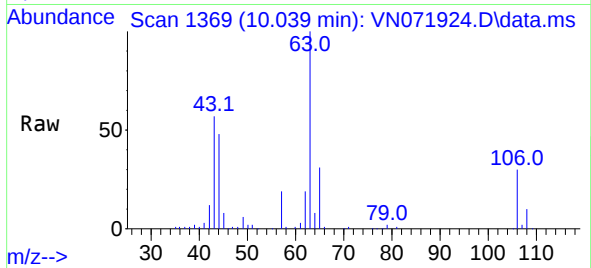
#55
2-Chloroethyl vinyl ether
Concen: 78.368 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 18200
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 30.8 23.2 34.8

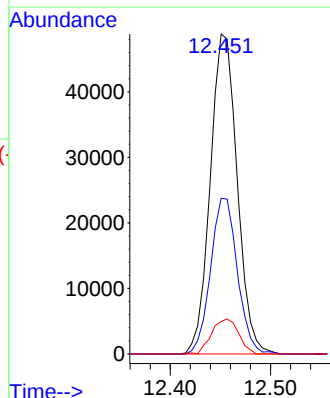
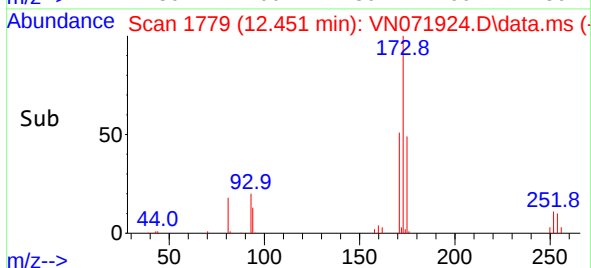
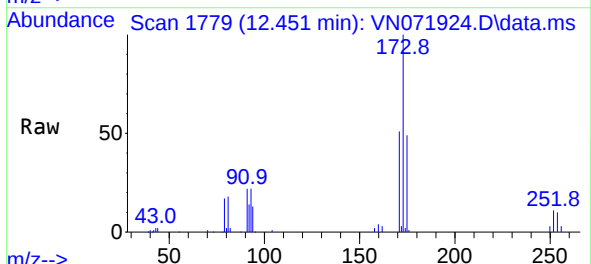
Manual Integrations
APPROVED

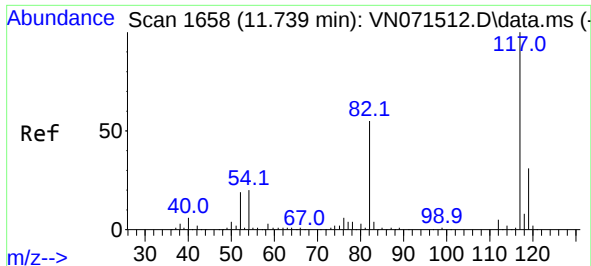
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#56
Bromoform
Concen: 20.453 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Tgt Ion:173 Resp: 91135
Ion Ratio Lower Upper
173 100
175 48.1 38.6 58.0
254 10.9 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: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

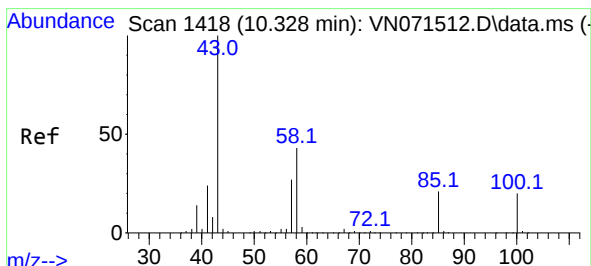
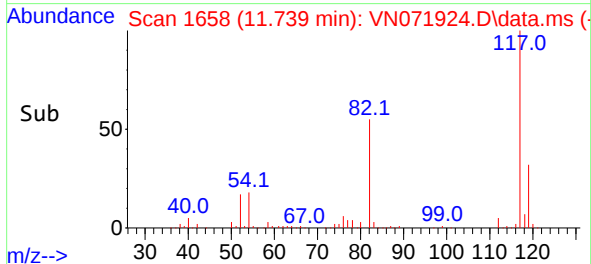
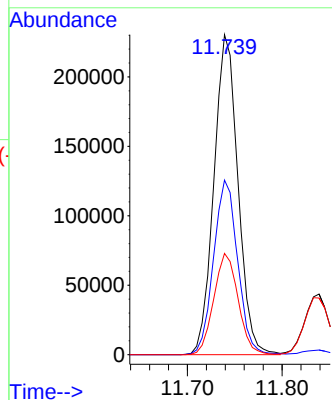
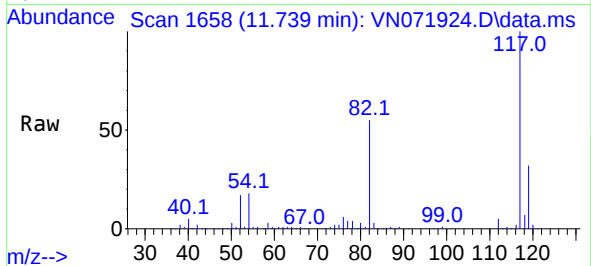
VSTDCCC020EC

Tgt Ion:117 Resp: 406872
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 32.0 25.8 38.6

Manual Integrations

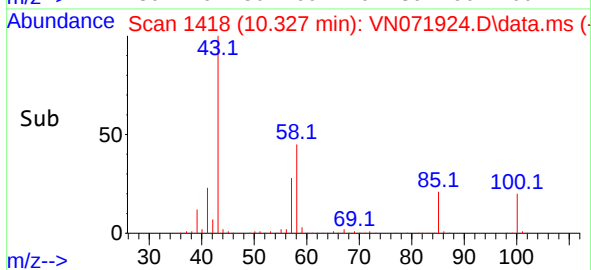
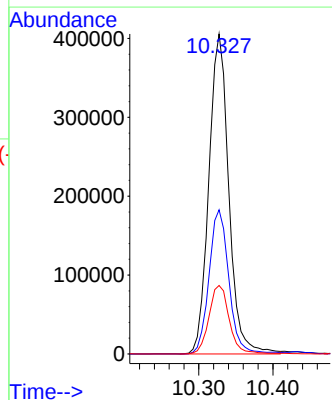
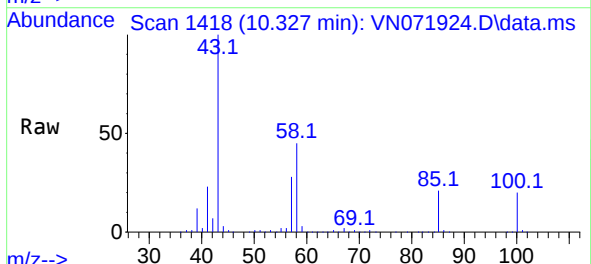
APPROVED

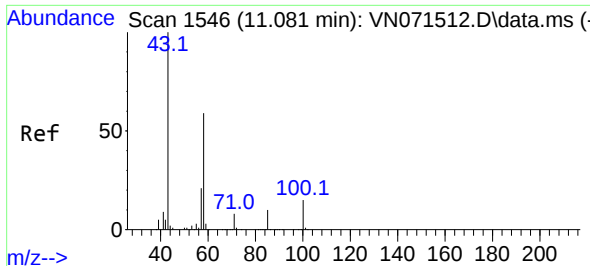
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#58
4-Methyl-2-Pentanone
Concen: 98.393 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

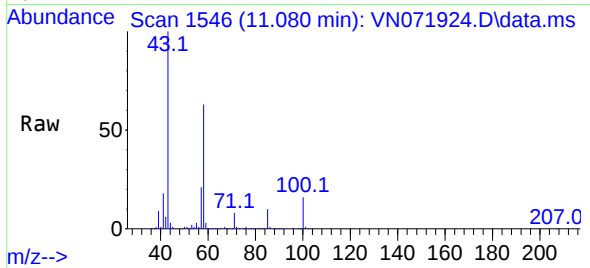
Tgt Ion: 43 Resp: 759950
Ion Ratio Lower Upper
43 100
58 44.5 30.0 45.0
85 21.9 15.0 22.6





#59
2-Hexanone
Concen: 95.109 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

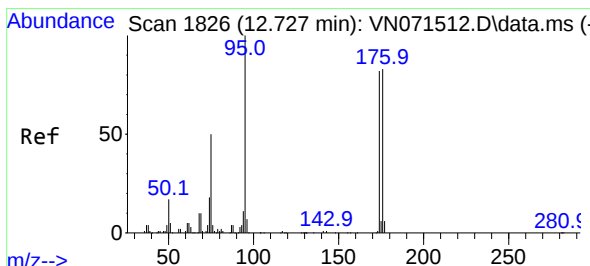
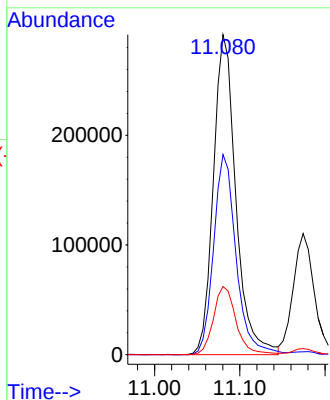
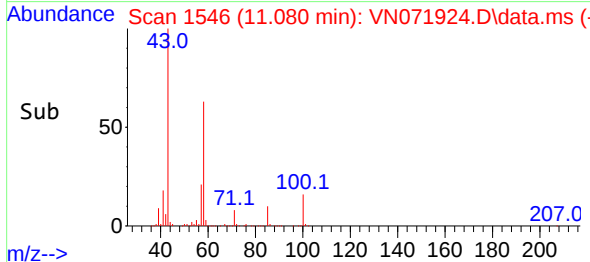
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



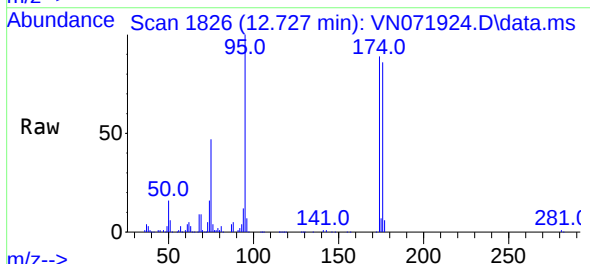
Tgt Ion: 43 Resp: 53633
Ion Ratio Lower Upper
43 100
58 62.4 42.2 63.2
57 21.4 15.0 22.4

Manual Integrations
APPROVED

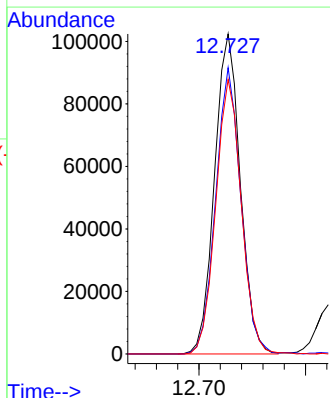
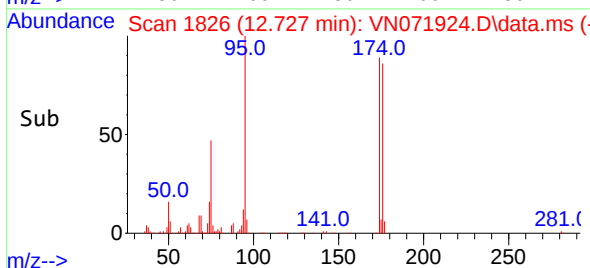
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

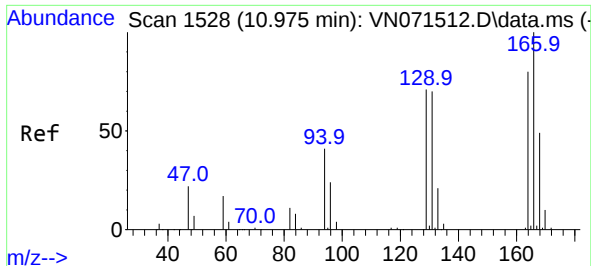


#60
4-Bromofluorobenzene
Concen: 28.488 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 95 Resp: 171862
Ion Ratio Lower Upper
95 100
174 87.5 62.9 94.3
176 85.2 61.0 91.4





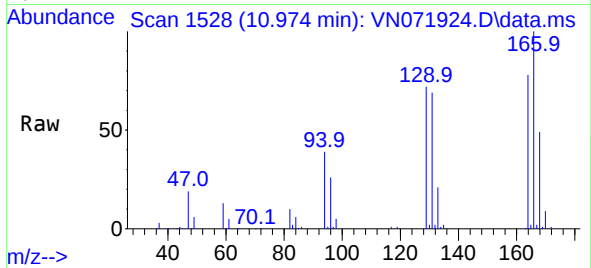
#61
Tetrachloroethene
Concen: 21.797 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



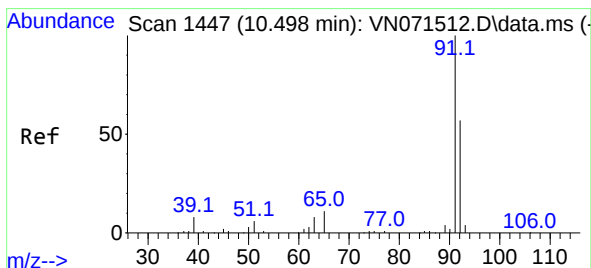
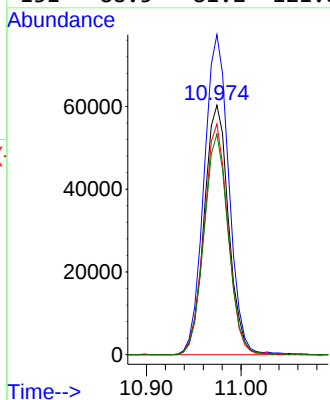
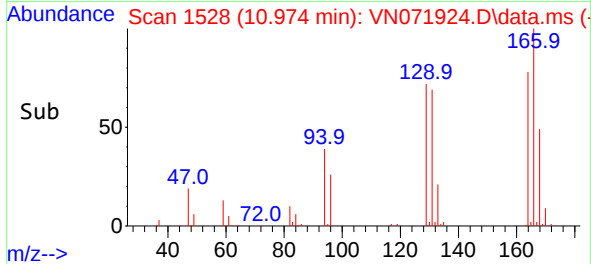
Tgt Ion:164 Resp: 107934
Ion Ratio Lower Upper
164 100
166 128.1 105.8 158.8
129 92.2 82.5 123.7
131 88.5 81.2 121.8

Manual Integrations

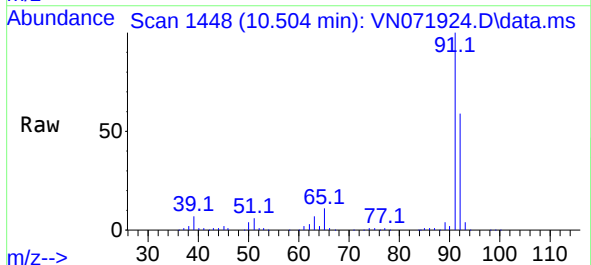
APPROVED

Reviewed By :John Carlone 04/11/2022

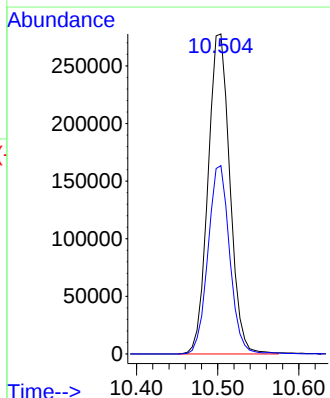
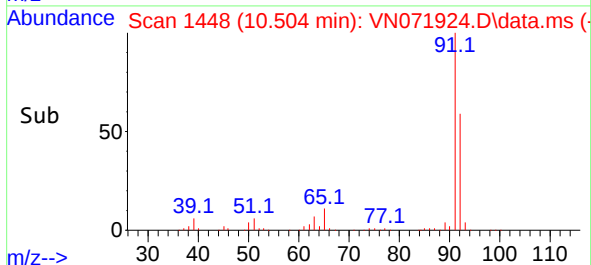
Supervised By :Mahesh Dadoda 04/11/2022

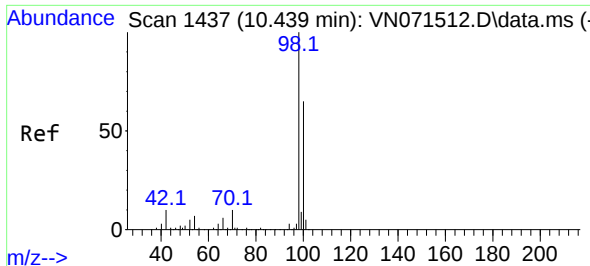


#62
Toluene
Concen: 21.078 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



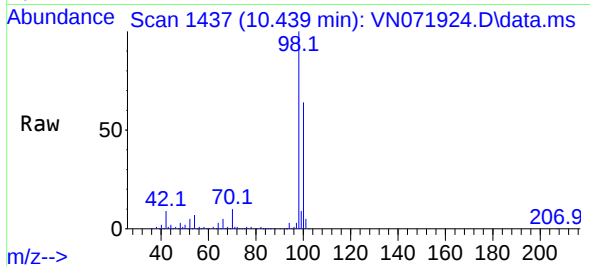
Tgt Ion: 91 Resp: 520023
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





#63
Toluene-d8
Concen: 29.841 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

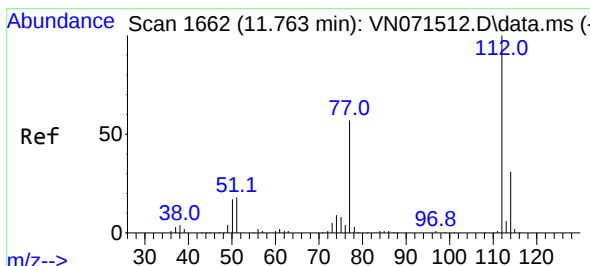
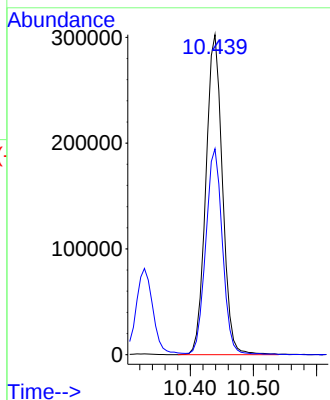
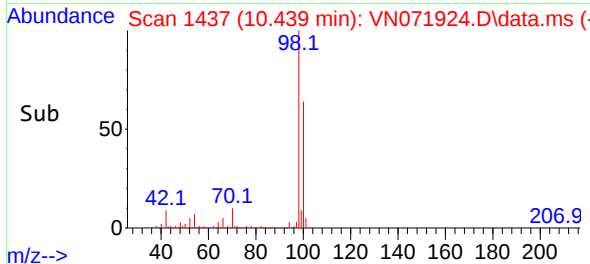
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



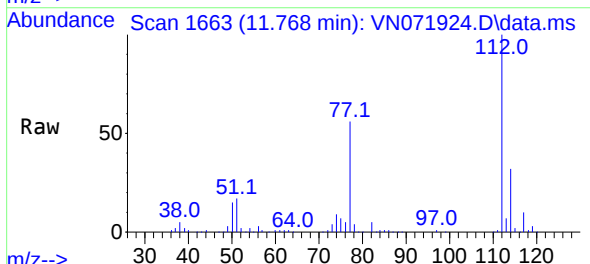
Tgt Ion: 98 Resp: 551160
Ion Ratio Lower Upper
98 100
100 64.7 50.6 76.0

Manual Integrations
APPROVED

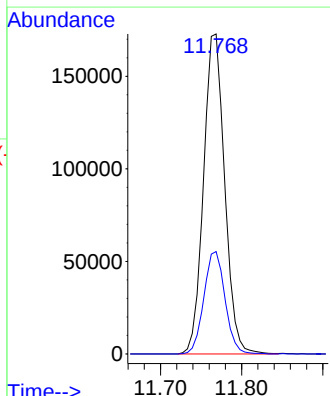
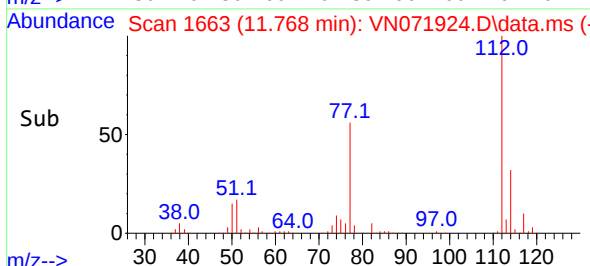
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

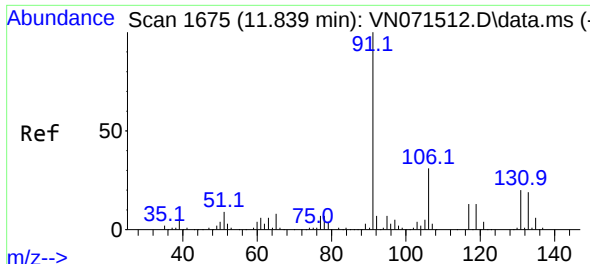


#64
Chlorobenzene
Concen: 20.536 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



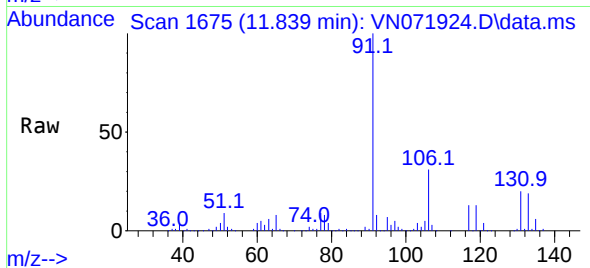
Tgt Ion:112 Resp: 312514
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.211 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

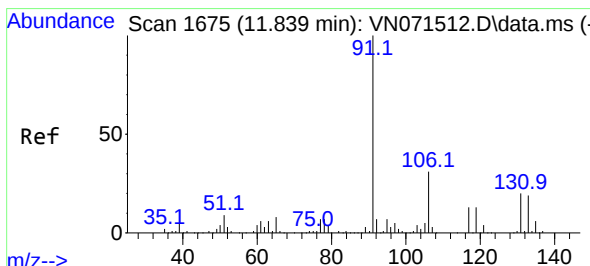
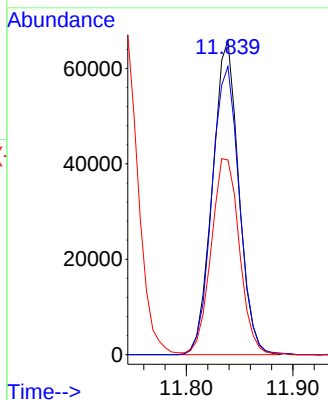
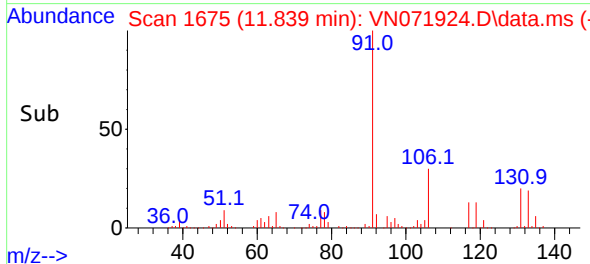
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



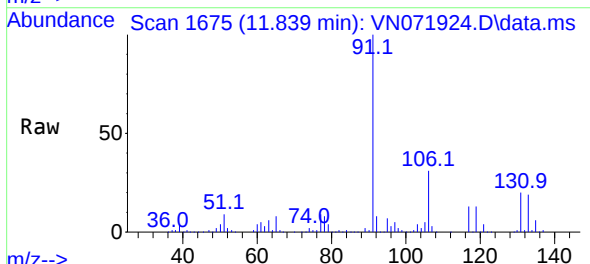
Tgt Ion:131 Resp: 11283
Ion Ratio Lower Upper
131 100
133 95.6 0.0 191.2
119 67.1 0.0 128.8

Manual Integrations
APPROVED

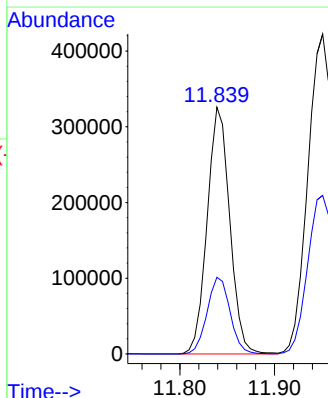
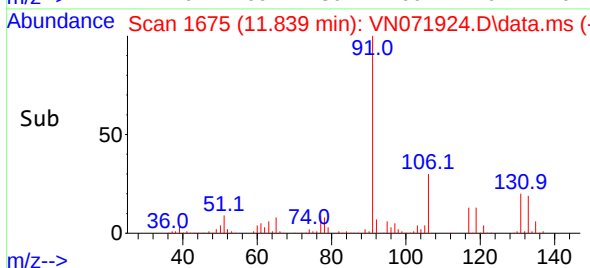
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

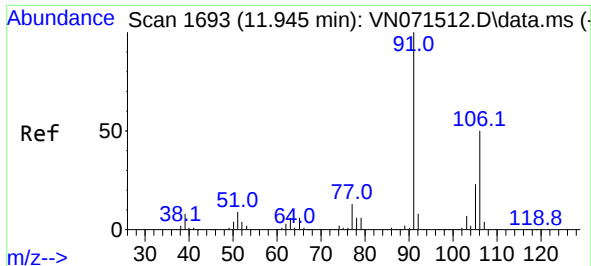


#66
Ethyl Benzene
Concen: 20.158 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 91 Resp: 540456
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





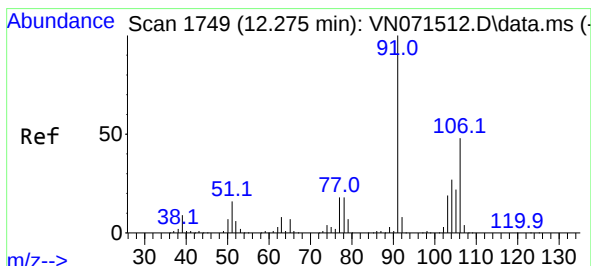
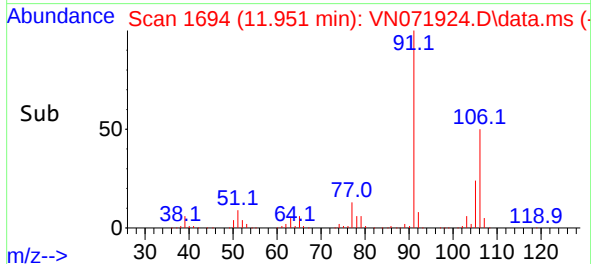
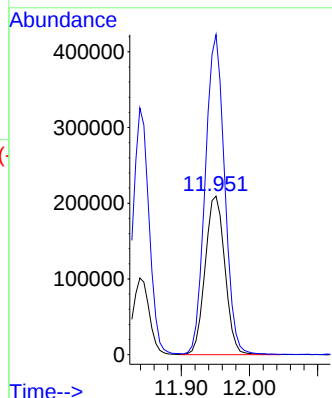
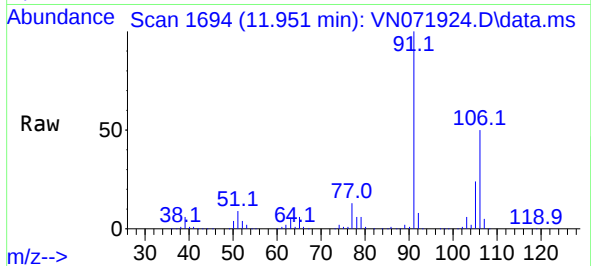
#67
m/p-Xylenes
Concen: 40.480 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 42221
Ion Ratio Lower Upper
106 100
91 197.0 162.9 244.3

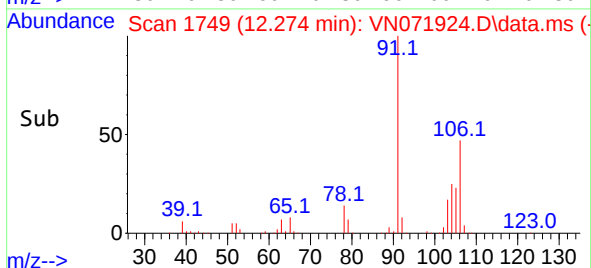
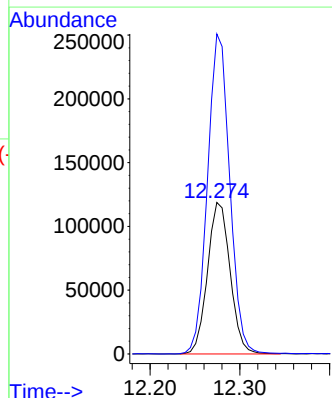
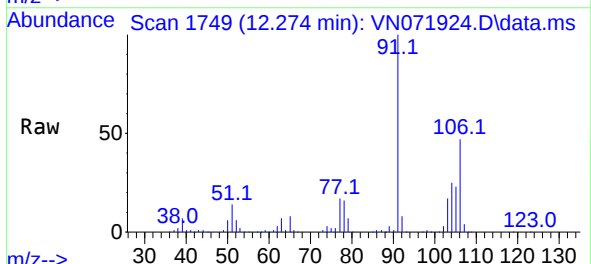
Manual Integrations
APPROVED

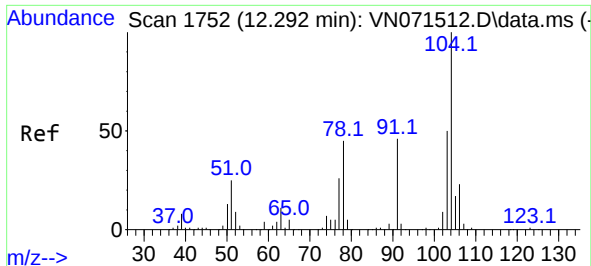
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#68
o-Xylene
Concen: 20.073 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Tgt Ion:106 Resp: 208091
Ion Ratio Lower Upper
106 100
91 207.5 107.7 323.1





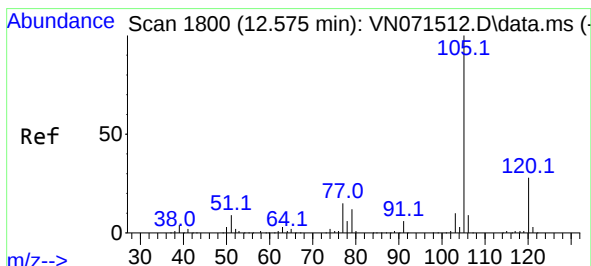
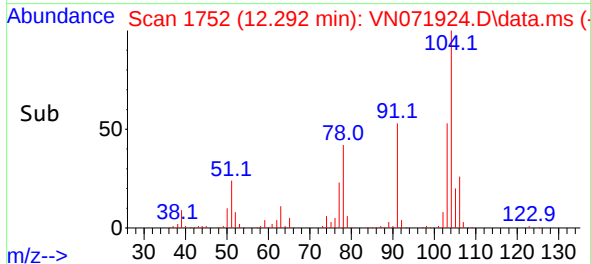
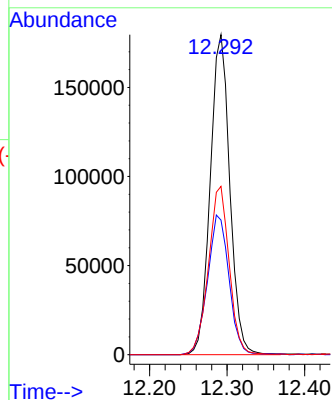
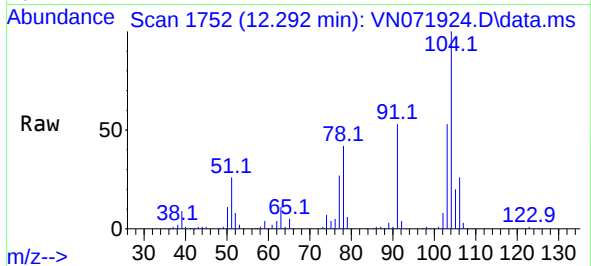
#69
Styrene
Concen: 19.309 ug/l
RT: 12.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 31503
Ion Ratio Lower Upper
104 100
78 47.9 40.7 61.1
103 55.7 45.8 68.8

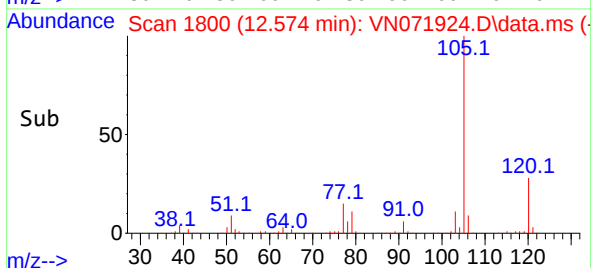
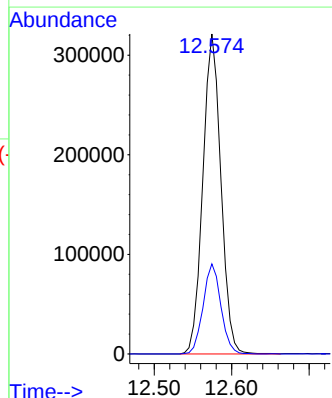
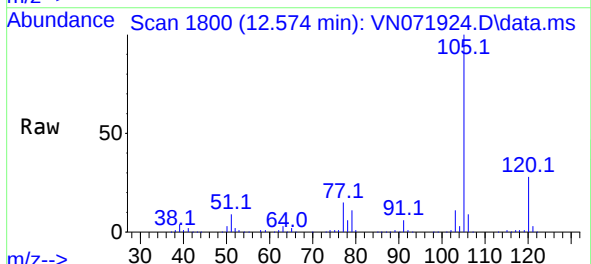
Manual Integrations
APPROVED

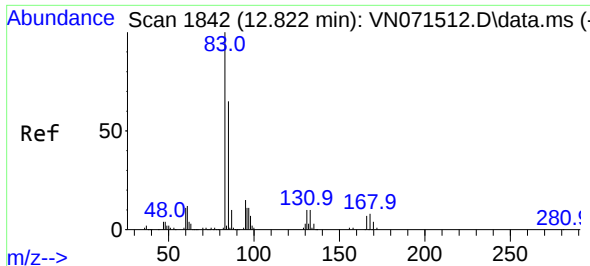
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#70
Isopropylbenzene
Concen: 19.978 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

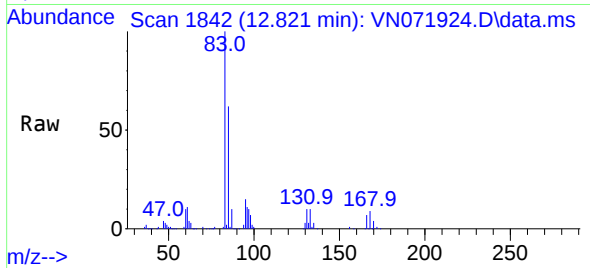
Tgt Ion:105 Resp: 519819
Ion Ratio Lower Upper
105 100
120 27.6 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.534 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

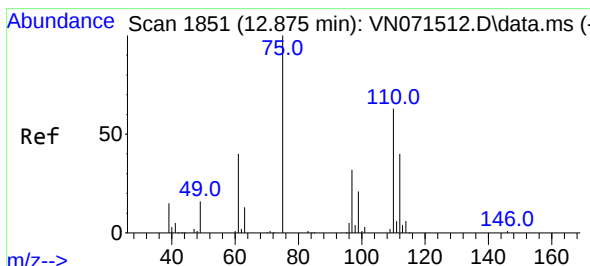
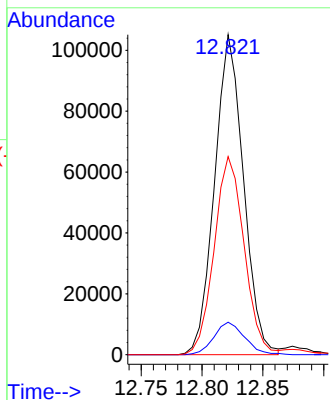
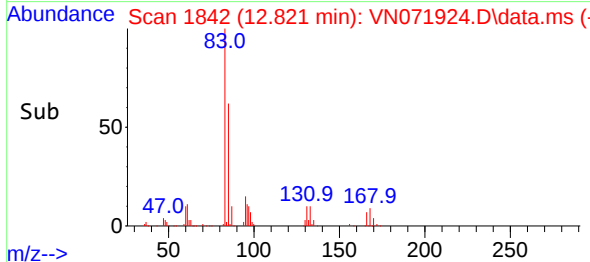
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



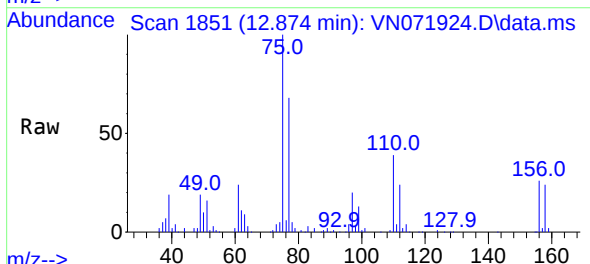
Tgt Ion: 83 Resp: 173880
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 64.0 33.1 99.2

Manual Integrations
APPROVED

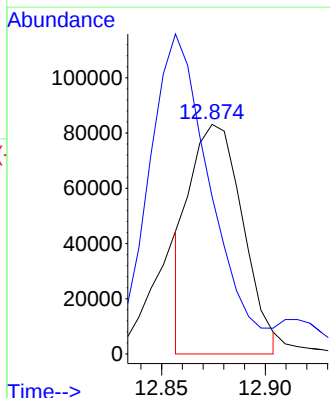
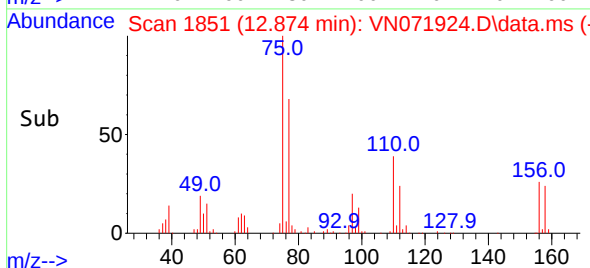
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

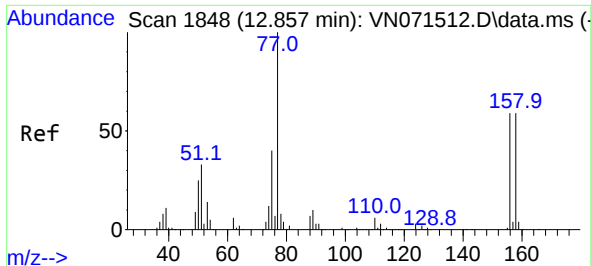


#72
1,2,3-Trichloropropane
Concen: 20.323 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



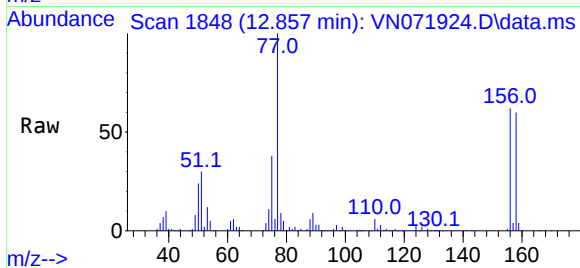
Tgt Ion: 75 Resp: 147853
Ion Ratio Lower Upper
75 100
77 163.7 0.0 378.0





#73
Bromobenzene
Concen: 19.558 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

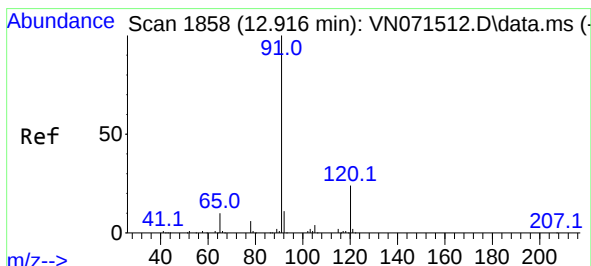
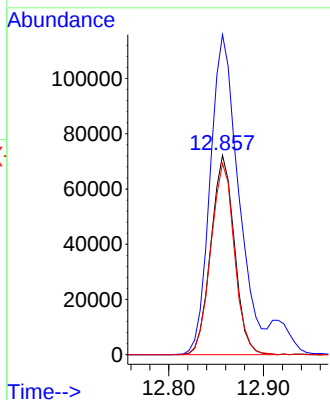
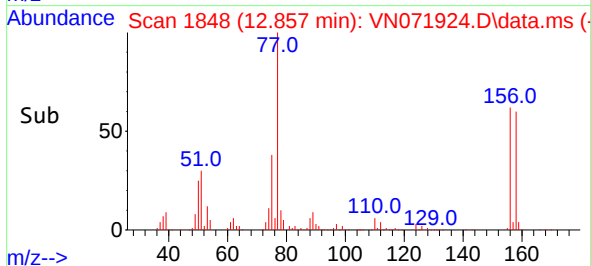
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



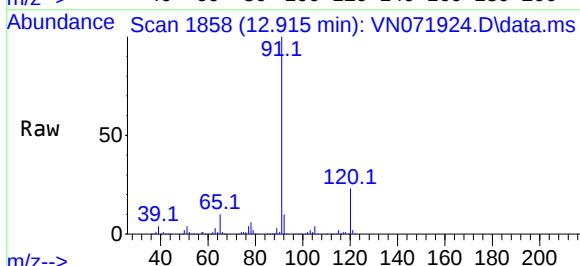
Tgt Ion:156 Resp: 124140
Ion Ratio Lower Upper
156 100
77 195.0 0.0 416.0
158 96.5 0.0 195.4

Manual Integrations
APPROVED

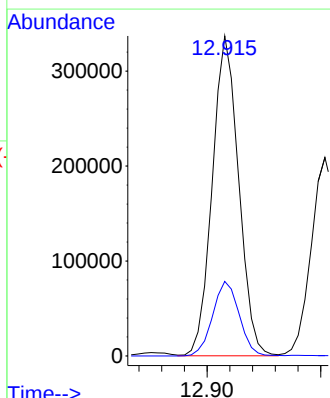
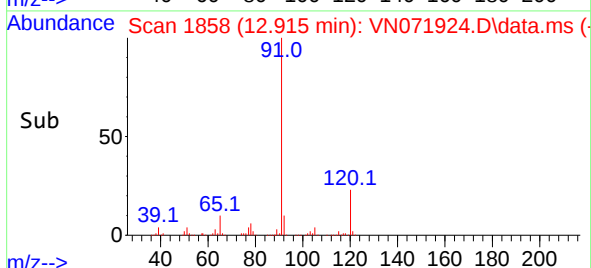
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

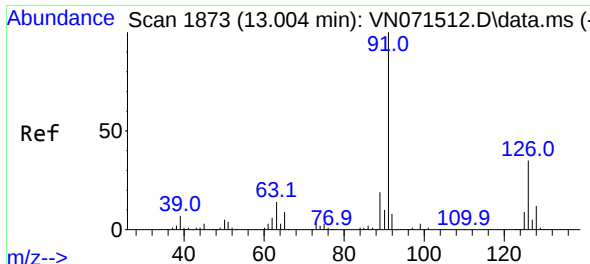


#74
n-propylbenzene
Concen: 19.118 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion: 91 Resp: 542908
Ion Ratio Lower Upper
91 100
120 23.4 0.0 45.0





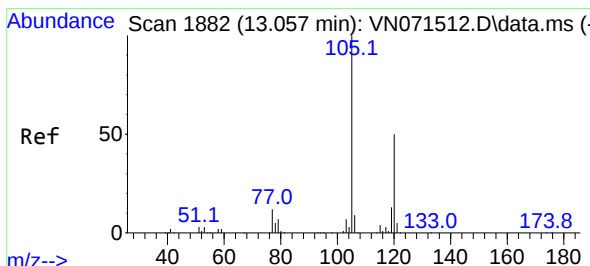
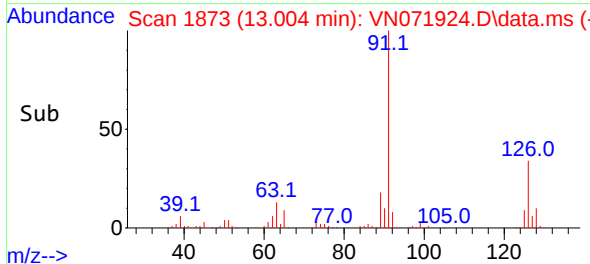
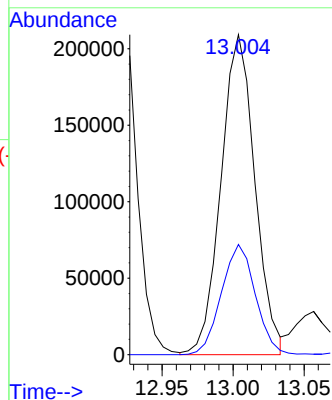
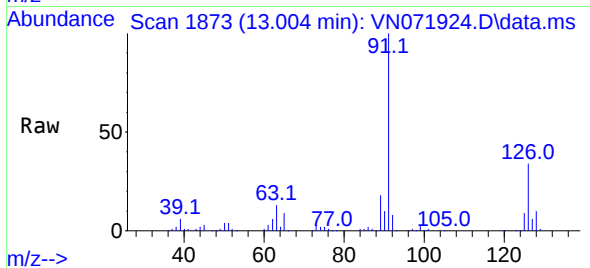
#75
2-Chlorotoluene
Concen: 19.573 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 34735
Ion Ratio Lower Upper
91 100
126 34.6 0.0 69.8

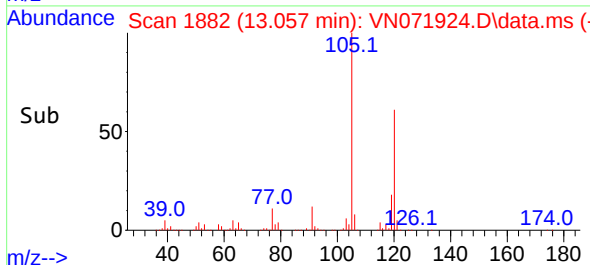
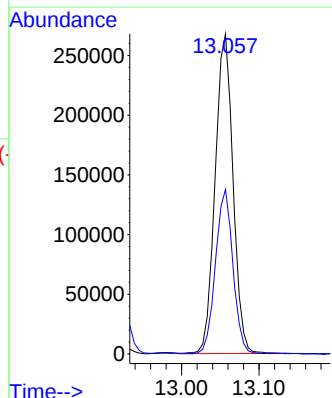
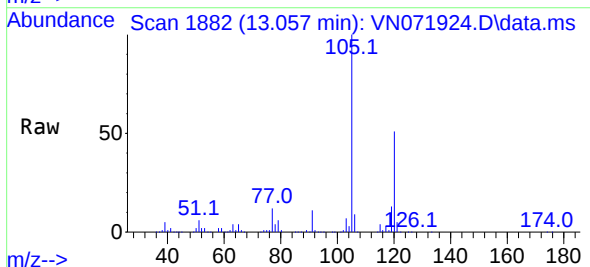
Manual Integrations
APPROVED

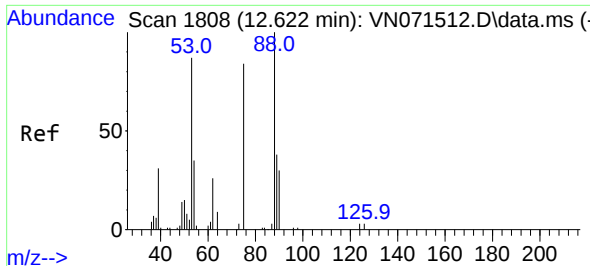
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.518 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Tgt Ion:105 Resp: 428296
Ion Ratio Lower Upper
105 100
120 50.3 0.0 93.8





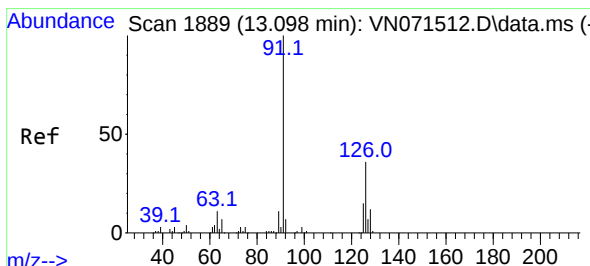
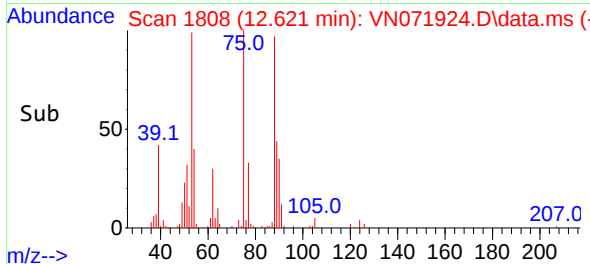
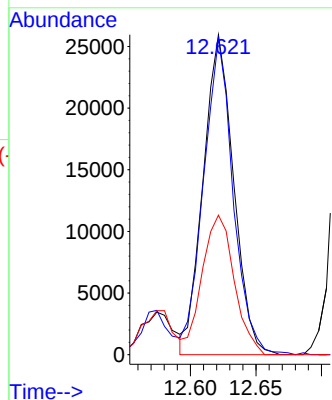
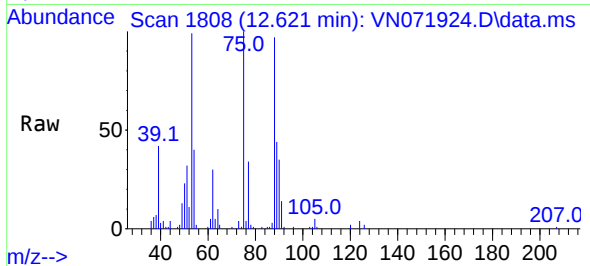
#77
t-1,4-Dichloro-2-butene
Concen: 16.369 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 41814
Ion Ratio Lower Upper
75 100
53 98.2 51.8 155.5
89 43.6 22.9 68.7

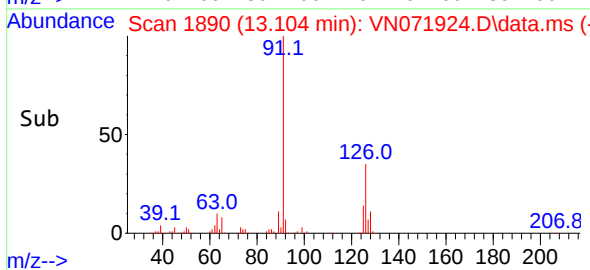
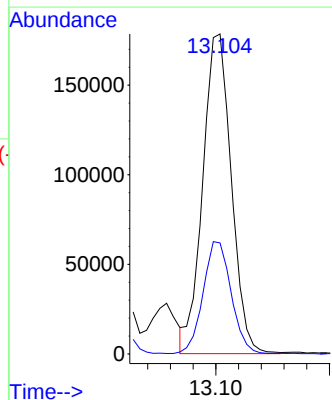
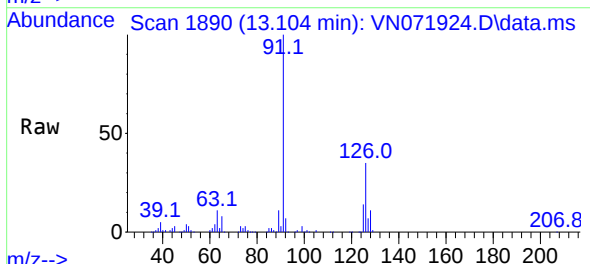
Manual Integrations
APPROVED

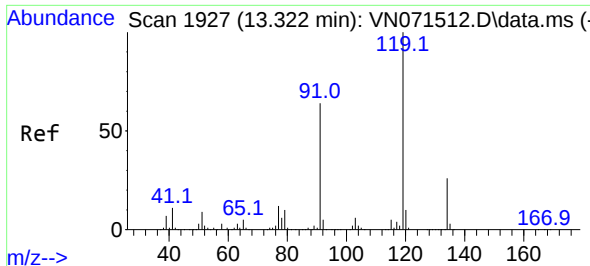
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#78
4-Chlorotoluene
Concen: 18.808 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Tgt Ion: 91 Resp: 311723
Ion Ratio Lower Upper
91 100
126 34.7 0.0 70.6





#79
tert-butylbenzene
Concen: 20.054 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

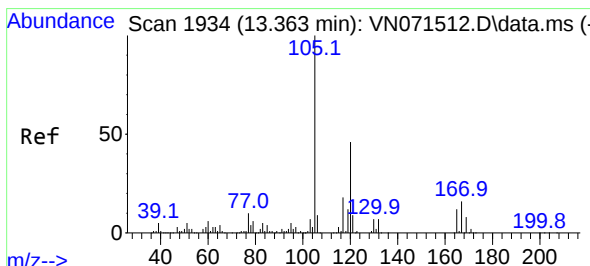
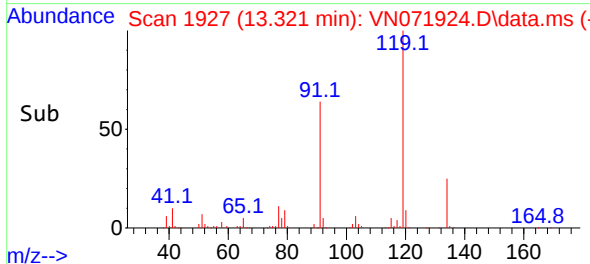
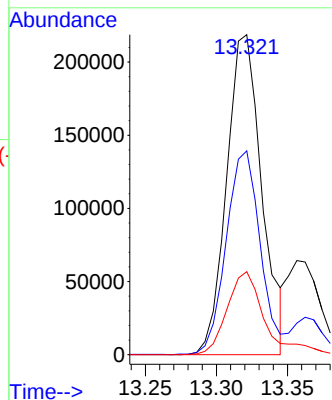
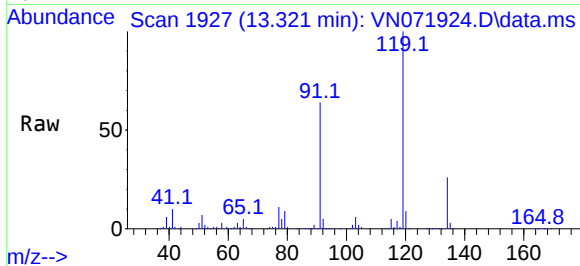
VSTDCCC020EC

Tgt Ion:119 Resp: 37775
Ion Ratio Lower Upper
119 100
91 61.5 0.0 137.0
134 25.7 0.0 47.6

Manual Integrations

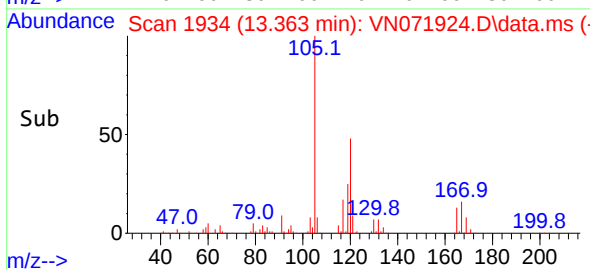
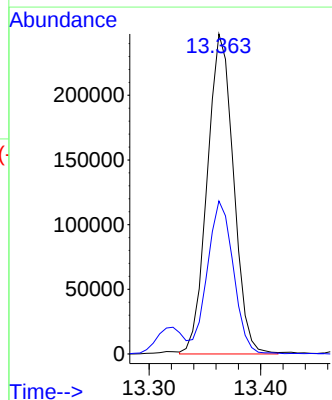
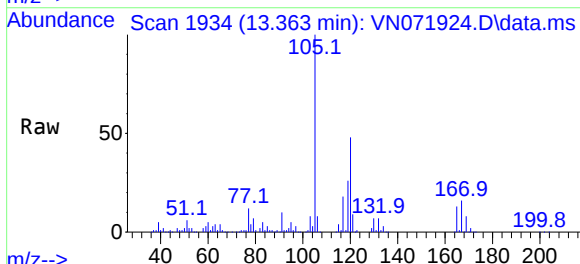
APPROVED

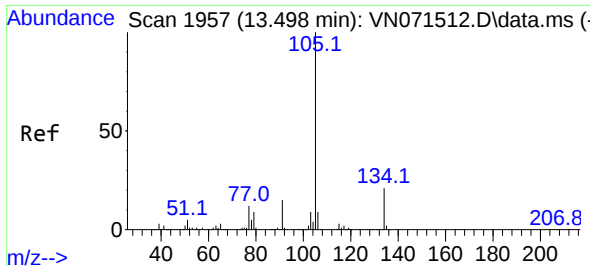
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.048 ug/l m
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

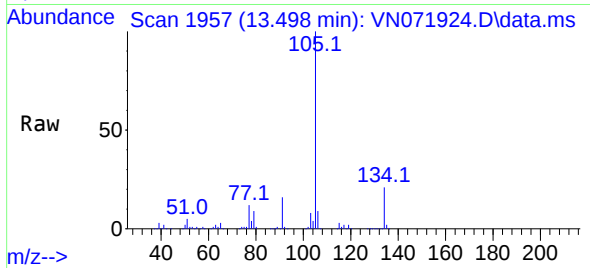
Tgt Ion:105 Resp: 406047
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 19.244 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071924.D
 Acq: 08 Apr 2022 19:08

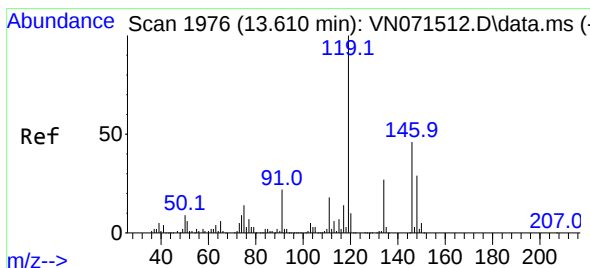
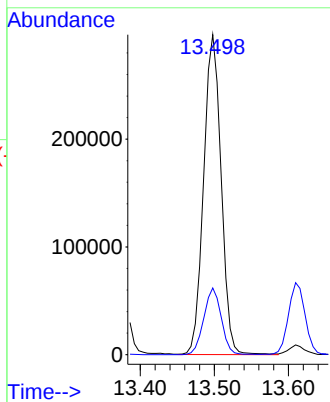
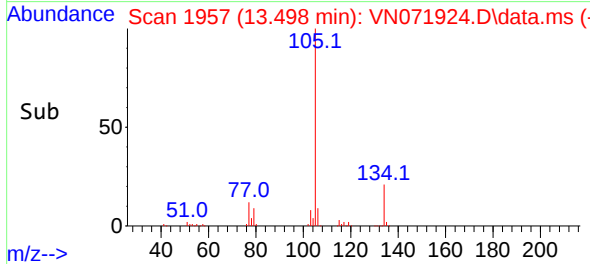
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



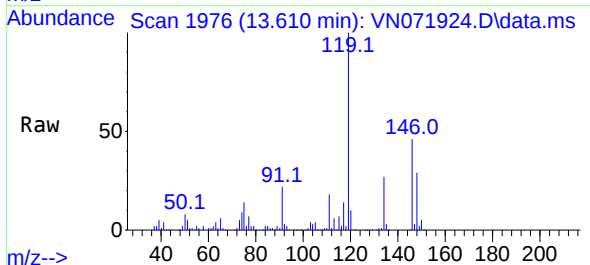
Tgt Ion:105 Resp: 487060
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 39.4

Manual Integrations
 APPROVED

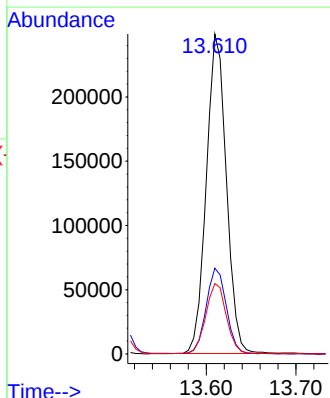
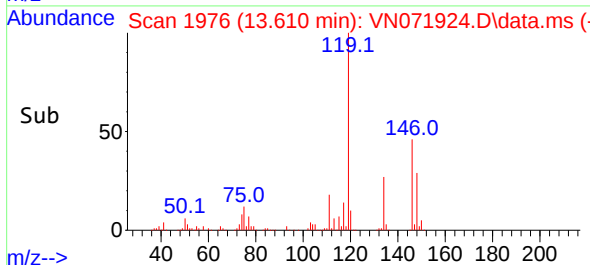
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

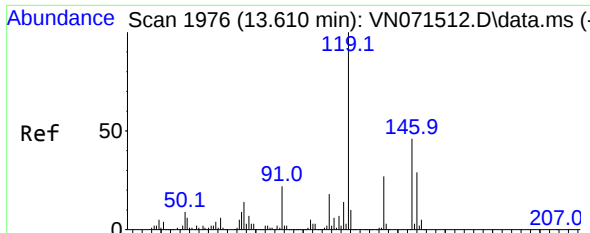


#82
 p-Isopropyltoluene
 Concen: 18.753 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071924.D
 Acq: 08 Apr 2022 19:08



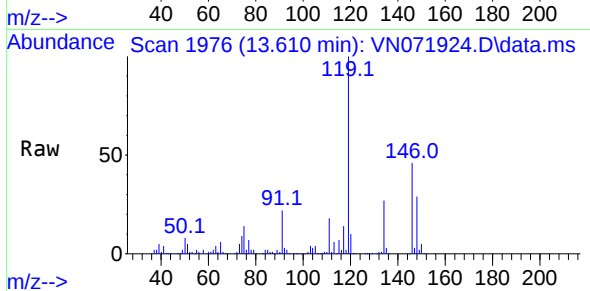
Tgt Ion:119 Resp: 385647
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.8
 91 22.4 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.624 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

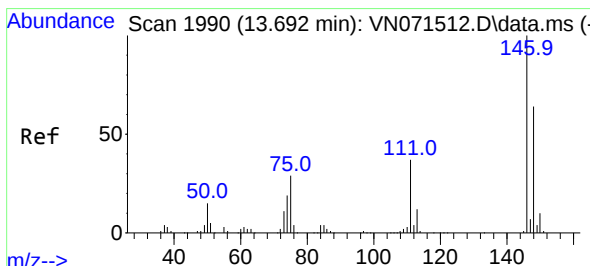
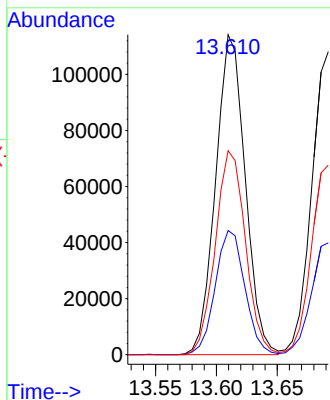
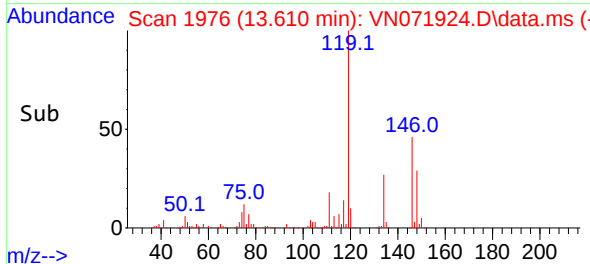
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



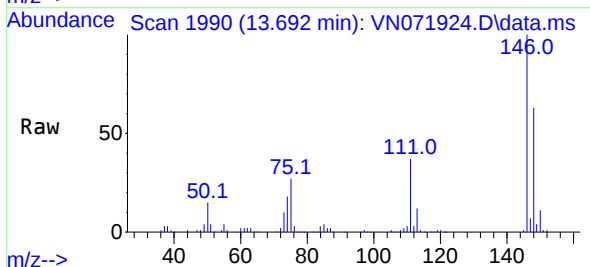
Tgt Ion:146 Resp: 19343
Ion Ratio Lower Upper
146 100
111 38.8 20.8 62.2
148 64.9 31.4 94.3

Manual Integrations
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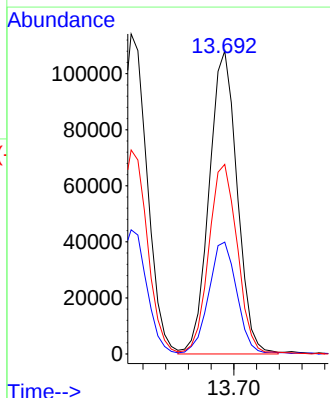
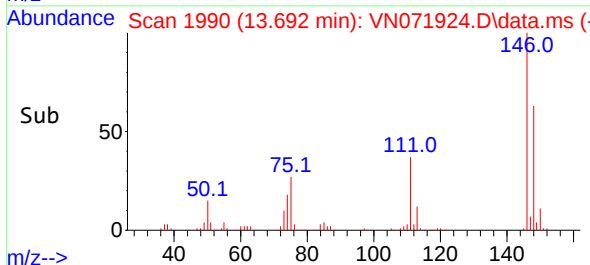
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

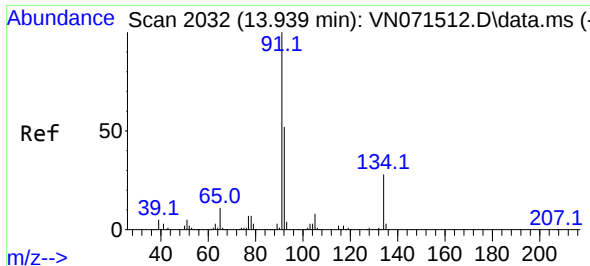


#84
1,4-Dichlorobenzene
Concen: 18.678 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



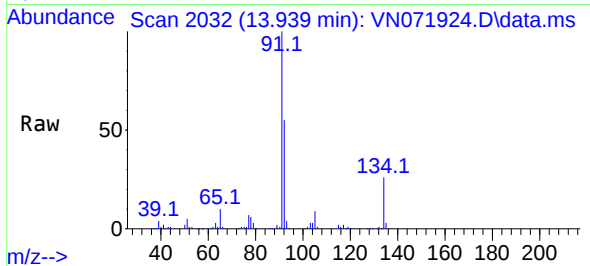
Tgt Ion:146 Resp: 185162
Ion Ratio Lower Upper
146 100
111 37.0 19.5 58.5
148 62.4 31.1 93.5





#85
n-Butylbenzene
Concen: 16.517 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

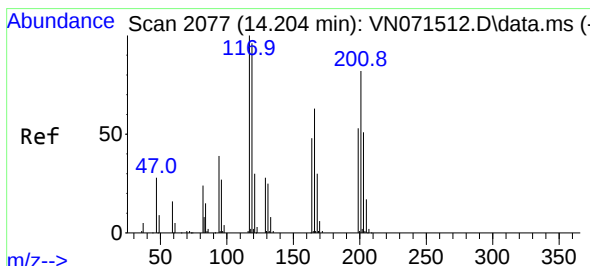
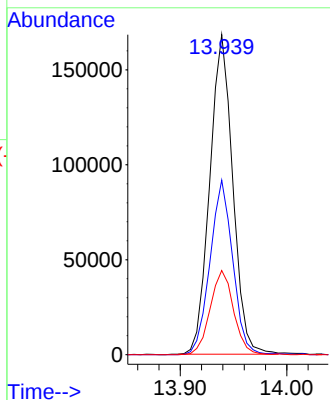
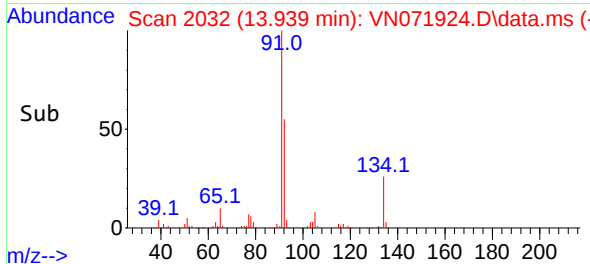
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 25228
Ion Ratio Lower Upper
91 100
92 53.8 0.0 100.6
134 26.8 0.0 50.2

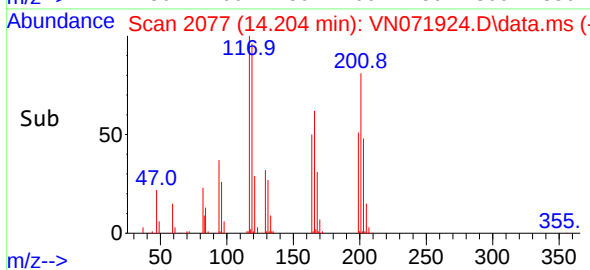
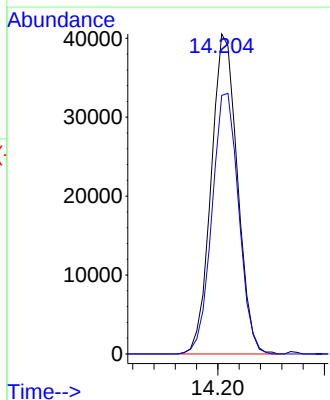
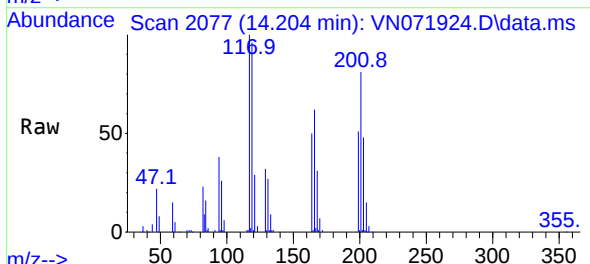
Manual Integrations
APPROVED

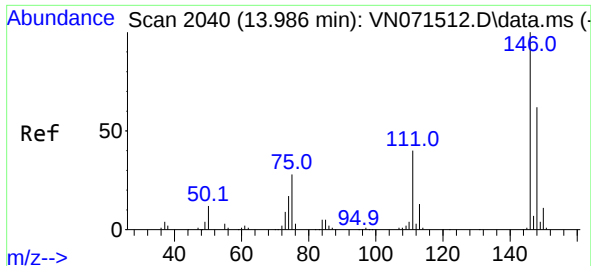
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#86
Hexachloroethane
Concen: 18.078 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

Tgt Ion:117 Resp: 69422
Ion Ratio Lower Upper
117 100
201 82.8 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.399 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071924.D

Acq: 08 Apr 2022 19:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:146 Resp: 19479

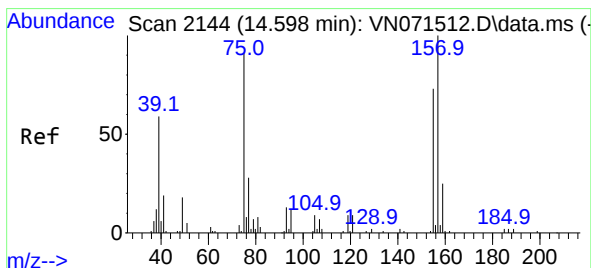
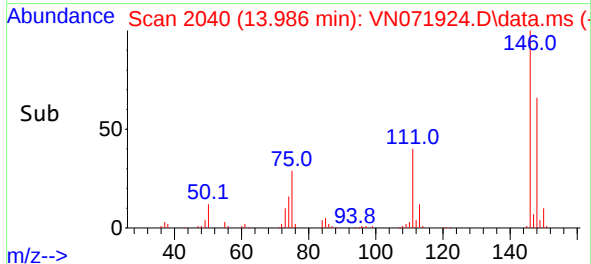
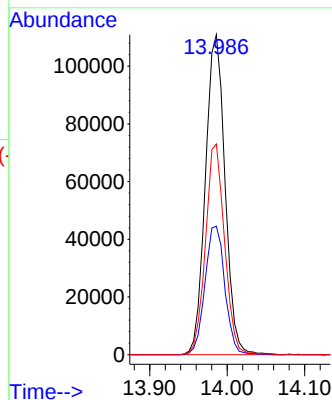
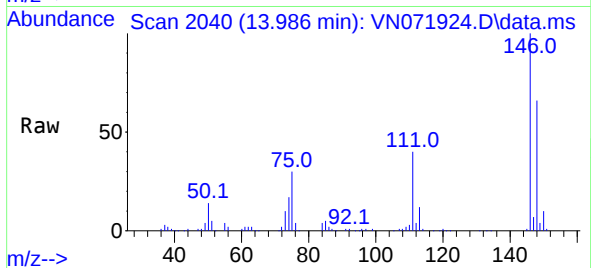
Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.4	64.2
148	63.9	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.982 ug/l

RT: 14.598 min Scan# 2144

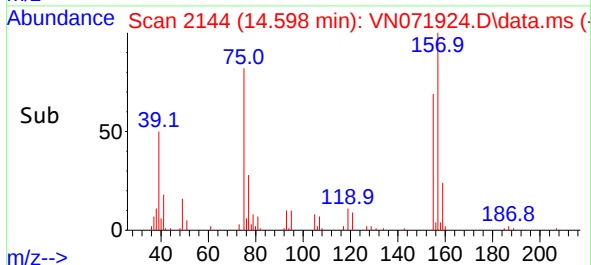
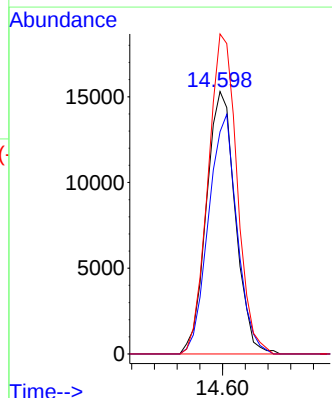
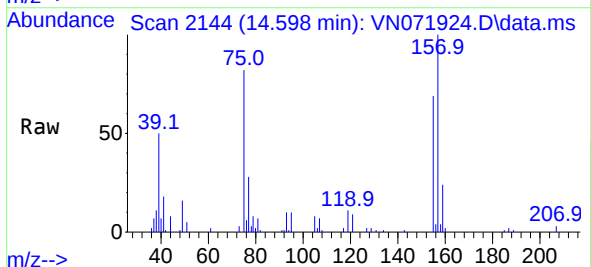
Delta R.T. -0.000 min

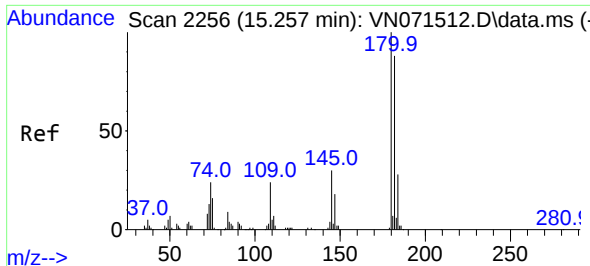
Lab File: VN071924.D

Acq: 08 Apr 2022 19:08

Tgt Ion: 75 Resp: 27094

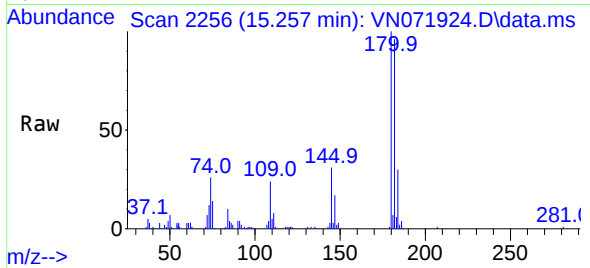
Ion	Ratio	Lower	Upper
75	100		
155	90.0	63.8	95.8
157	122.0	77.9	116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.406 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

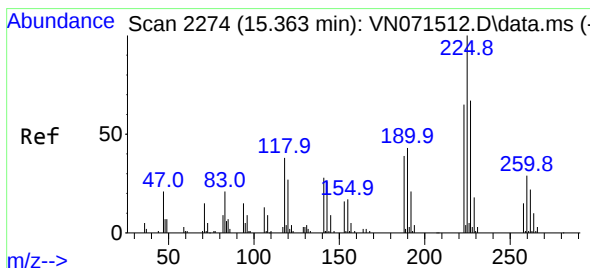
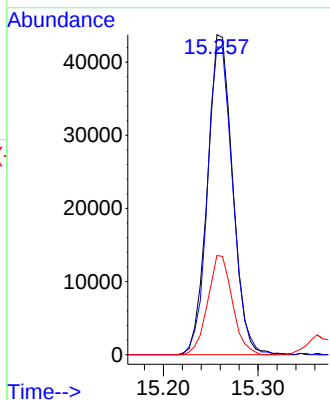
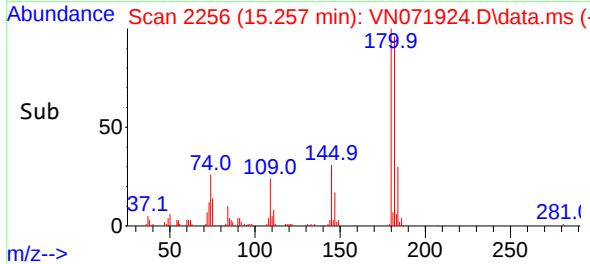
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



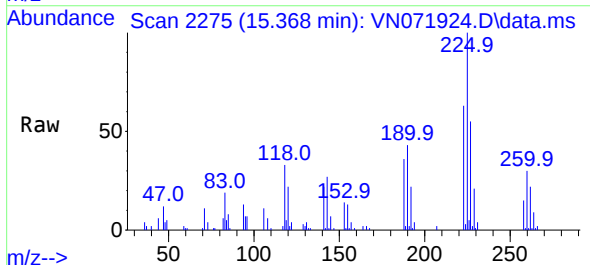
Tgt Ion:180 Resp: 8079
Ion Ratio Lower Upper
180 100
182 96.9 77.7 116.5
145 30.3 26.6 39.8

Manual Integrations
APPROVED

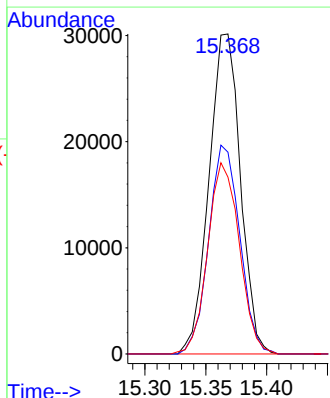
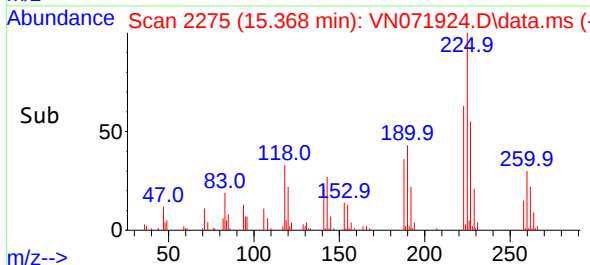
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

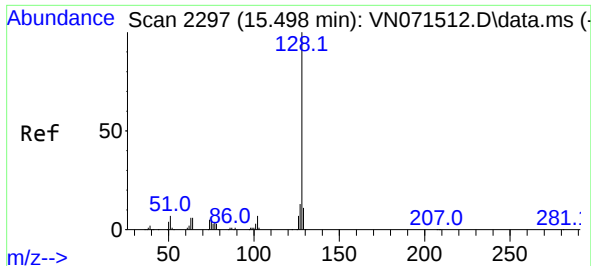


#90
Hexachlorobutadiene
Concen: 19.726 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



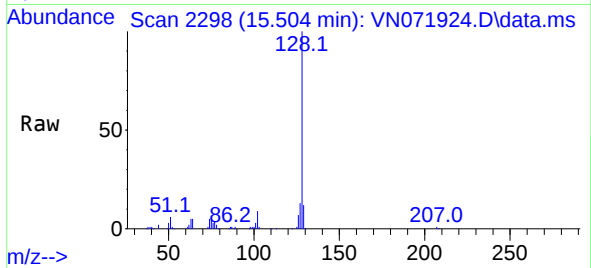
Tgt Ion:225 Resp: 54257
Ion Ratio Lower Upper
225 100
223 64.6 0.0 126.8
227 60.2 0.0 123.0





#91
Naphthalene
Concen: 18.721 ug/l
RT: 15.504 min Scan# 211709
Delta R.T. 0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08

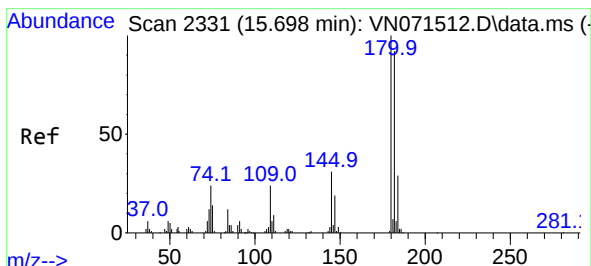
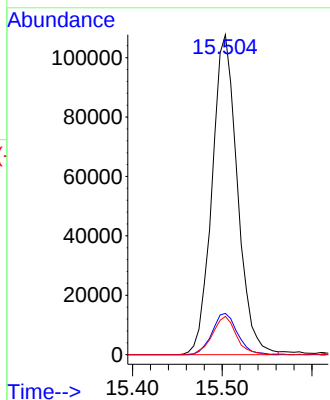
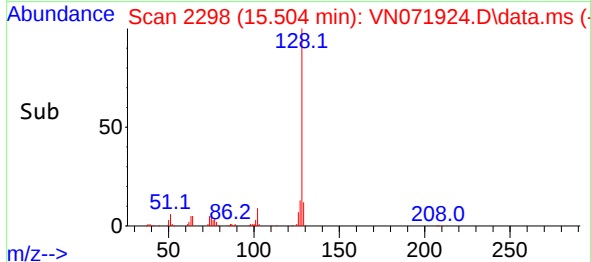
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



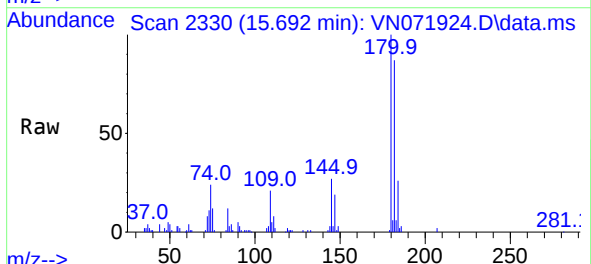
Tgt Ion:128 Resp: 211709
Ion Ratio Lower Upper
128 100
127 12.9 10.7 16.1
129 11.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#92
1,2,3-Trichlorobenzene
Concen: 18.284 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071924.D
Acq: 08 Apr 2022 19:08



Tgt Ion:180 Resp: 83234
Ion Ratio Lower Upper
180 100
182 94.3 0.0 190.0
145 30.4 0.0 67.8

