

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
 Data File : VN074353.D
 Acq On : 08 Sep 2022 12:48
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/09/2022
 Supervised By : Mahesh Dadoda 09/09/2022

Quant Time: Sep 08 13:45:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Sep 08 13:42:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.581	128	65841	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	403372	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	375013	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	222614	37.135	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 123.767%#			
60) 4-Bromofluorobenzene	12.674	95	222899	32.677	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 108.933%			
63) Toluene-d8	10.380	98	640747	30.494	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	99162	21.708	ug/l	95
3) Chloromethane	2.269	50	139476	22.977	ug/l	97
4) Vinyl Chloride	2.410	62	144515	19.957	ug/l	100
5) Bromomethane	2.793	94	101166	26.250	ug/l	100
6) Chloroethane	2.957	64	98569	20.103	ug/l	94
7) Trichlorofluoromethane	3.316	101	165303	22.389	ug/l	100
8) Diethyl Ether	3.763	74	71018	23.372	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.146	101	94861	21.523	ug/l	72
10) 1,1-Dichloroethene	4.110	96	94617	22.153	ug/l	88
11) Methyl Iodide	4.351	142	115208	22.842	ug/l	97
12) Methyl Acetate	4.775	43	193973	25.675	ug/l	92
13) Acrolein	3.975	56	129142	103.863	ug/l	96
14) Acrylonitrile	5.469	53	383957	114.692	ug/l	97
15) Acetone	4.222	58	103430	111.552	ug/l	91
16) Carbon Disulfide	4.451	76	264634	22.556	ug/l #	93
17) Allyl chloride	4.757	41	196787	26.151	ug/l	92
18) Methylene Chloride	5.010	84	113508	21.231	ug/l	94
19) trans-1,2-Dichloroethene	5.510	96	103521	22.102	ug/l	96
20) Diisopropyl ether	6.410	45	415840	25.734	ug/l	93
21) 1,1-Dichloroethane	6.304	63	215268	23.286	ug/l	99
22) cis-1,2-Dichloroethene	7.245	96	127905	22.307	ug/l	95
23) tert-Butyl Alcohol	5.281	59	172238	135.939	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	387916	24.825	ug/l	99
25) Chloroform	7.745	83	219537	23.170	ug/l	96
26) Cyclohexane	8.022	56	202865	24.813	ug/l #	91
29) 1,1-Dichloropropene	8.151	75	162197	21.135	ug/l	95
30) 2-Butanone	7.257	43	589435	110.356	ug/l	96
31) 2,2-Dichloropropane	7.245	77	204920	24.490	ug/l	96
32) 1,1,1-Trichloroethane	7.939	97	197364	22.063	ug/l	96
33) Carbon Tetrachloride	8.133	117	166886	21.699	ug/l	98
34) Benzene	8.392	78	503333	20.550	ug/l	99
35) Methacrylonitrile	7.557	41	101421	23.641	ug/l	97
36) 1,2-Dichloroethane	8.457	62	183589	22.307	ug/l	99
37) Trichloroethene	9.151	130	112699	18.894	ug/l	93
38) Methylcyclohexane	9.392	83	198960	20.823	ug/l	95
39) 1,2-Dichloropropane	9.428	63	130732	21.054	ug/l	93
40) Dibromomethane	9.522	93	88188	20.923	ug/l	98
41) Bromodichloromethane	9.698	83	178185	21.420	ug/l	99
42) Vinyl Acetate	6.345	43	1906640	120.332	ug/l	99

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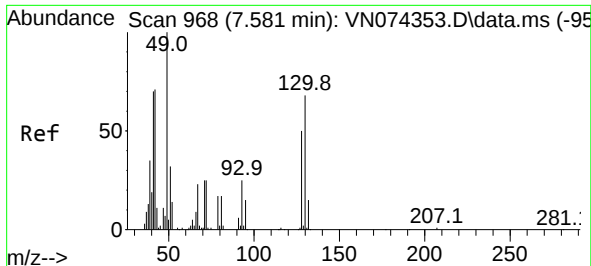
Manual Integrations
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 Supervised By : Mahesh Dadoda 09/09/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.334	43	236685	22.755	ug/l #	82
44) Isopropyl Acetate	8.492	43	363743	24.798	ug/l	99
45) 1,4-Dioxane	9.504	88	68249	412.695	ug/l	93
46) Methyl methacrylate	9.498	41	154212	23.752	ug/l	90
47) n-amyl Acetate	12.333	43	325715	26.760	ug/l	94
48) t-1,3-Dichloropropene	10.657	75	200691	22.621	ug/l	98
49) cis-1,3-Dichloropropene	10.127	75	207209	21.554	ug/l	98
50) 1,1,2-Trichloroethane	10.839	97	122798	19.605	ug/l #	88
51) Ethyl methacrylate	10.704	69	222378	22.541	ug/l	97
52) 1,3-Dichloropropane	10.986	76	221245	20.680	ug/l	100
53) Dibromochloromethane	11.180	129	132834	20.578	ug/l	96
54) 1,2-Dibromoethane	11.286	107	129916	20.157	ug/l	99
55) 2-Chloroethyl vinyl ether	9.980	63	518584	116.610	ug/l	98
56) Bromoform	12.398	173	93678	18.597	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	1211118	119.681	ug/l	97
59) 2-Hexanone	11.027	43	935108	119.605	ug/l	99
61) Tetrachloroethene	10.916	164	91509	16.613	ug/l	96
62) Toluene	10.445	91	546805	20.795	ug/l	99
64) Chlorobenzene	11.710	112	317688	20.182	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	123646	20.956	ug/l	100
66) Ethyl Benzene	11.786	91	606422	21.261	ug/l	98
67) m/p-Xylenes	11.892	106	466407	42.840	ug/l	99
68) o-Xylene	12.221	106	233036	21.446	ug/l	99
69) Styrene	12.233	104	372495	20.957	ug/l	98
70) Isopropylbenzene	12.521	105	604156	21.720	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.768	83	211772	21.783	ug/l	99
72) 1,2,3-Trichloropropane	12.821	75	170410m	19.999	ug/l	
73) Bromobenzene	12.798	156	124836	18.631	ug/l	83
74) n-propylbenzene	12.863	91	685434	21.234	ug/l	98
75) 2-Chlorotoluene	12.951	91	413943	21.456	ug/l	96
76) 1,3,5-Trimethylbenzene	13.004	105	498093	21.498	ug/l	98
77) t-1,4-Dichloro-2-butene	12.568	75	75934	24.270	ug/l	98
78) 4-Chlorotoluene	13.045	91	397424	21.360	ug/l	96
79) tert-butylbenzene	13.268	119	447274	22.012	ug/l	99
80) 1,2,4-Trimethylbenzene	13.310	105	506875m	21.961	ug/l	
81) sec-Butylbenzene	13.445	105	599982	20.853	ug/l	99
82) p-Isopropyltoluene	13.557	119	488417	20.644	ug/l	99
83) 1,3-Dichlorobenzene	13.557	146	231127	18.784	ug/l	98
84) 1,4-Dichlorobenzene	13.633	146	228052	19.165	ug/l	98
85) n-Butylbenzene	13.886	91	424042	21.590	ug/l	98
86) Hexachloroethane	14.157	117	98594	22.246	ug/l	94
87) 1,2-Dichlorobenzene	13.933	146	242790	19.519	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.545	75	52132	23.734	ug/l	98
89) 1,2,4-Trichlorobenzene	15.198	180	121272	17.574	ug/l	97
90) Hexachlorobutadiene	15.304	225	54325	16.069	ug/l	97
91) Naphthalene	15.439	128	501511	21.304	ug/l	99
92) 1,2,3-Trichlorobenzene	15.633	180	120950	17.297	ug/l	98

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



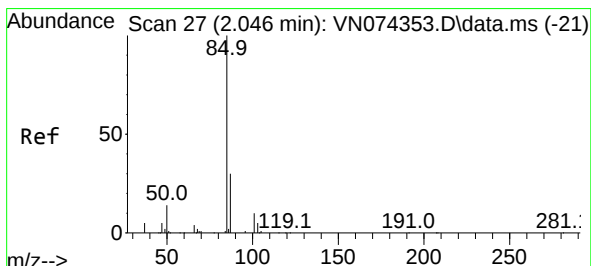
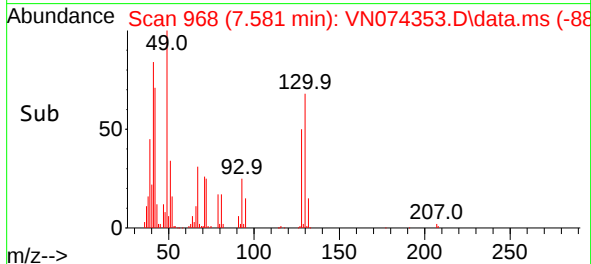
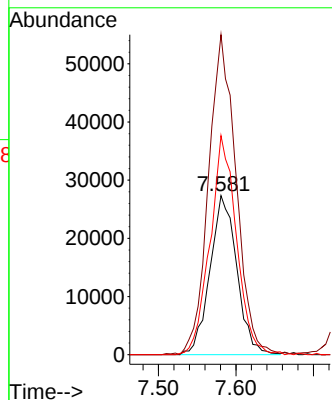
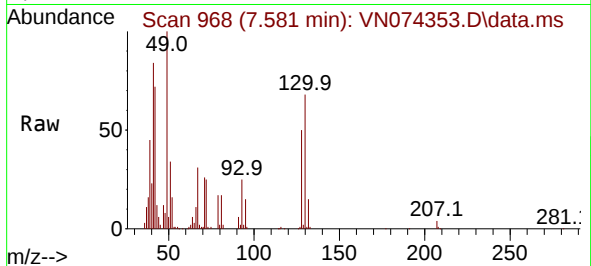
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.000 min
Lab File: VN074353.D
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MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 6584
Ion Ratio Lower Upper
128 100
49 206.4 0.0 392.3
130 135.4 0.0 320.2

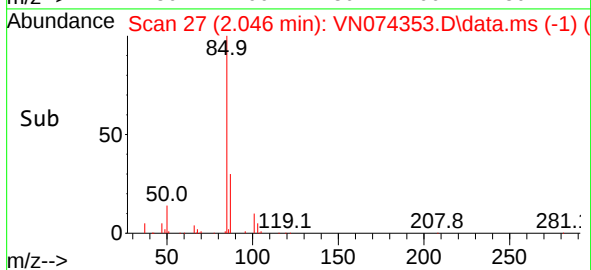
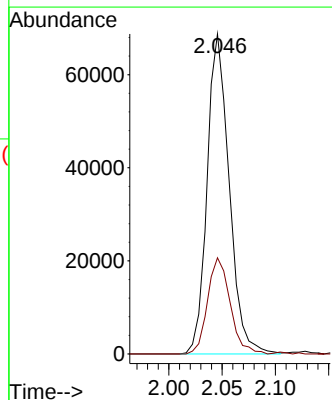
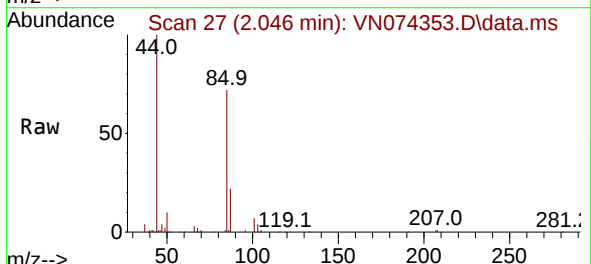
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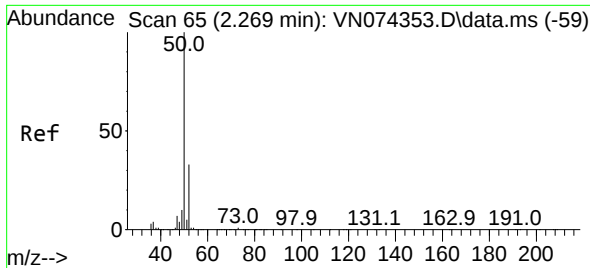
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#2
Dichlorodifluoromethane
Concen: 21.708 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

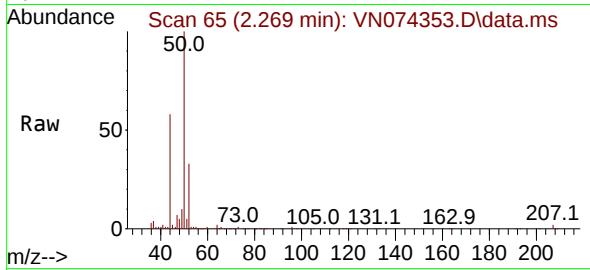
Tgt Ion: 85 Resp: 99162
Ion Ratio Lower Upper
85 100
87 30.0 16.6 49.7





#3
Chloromethane
Concen: 22.977 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

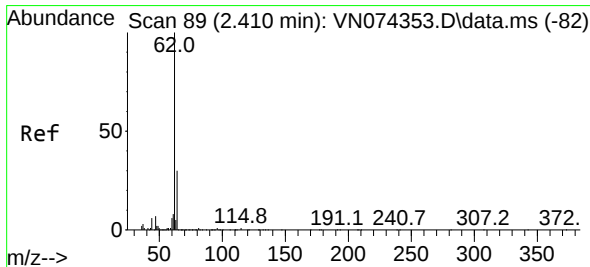
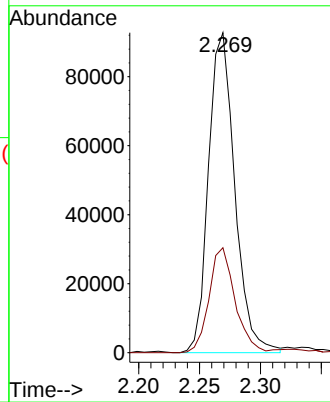
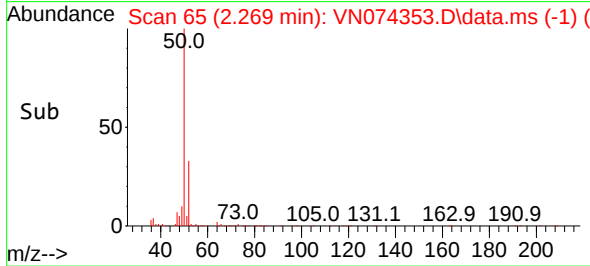
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



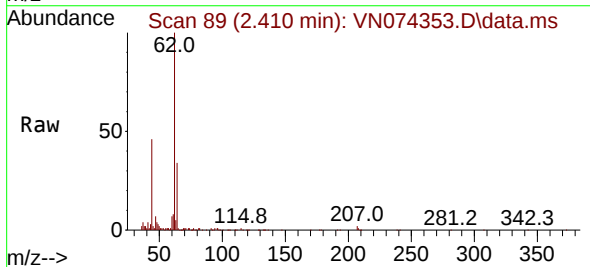
Tgt Ion: 50 Resp: 139470
Ion Ratio Lower Upper
50 100
52 32.8 27.8 41.6

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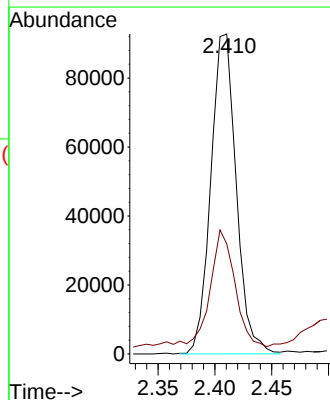
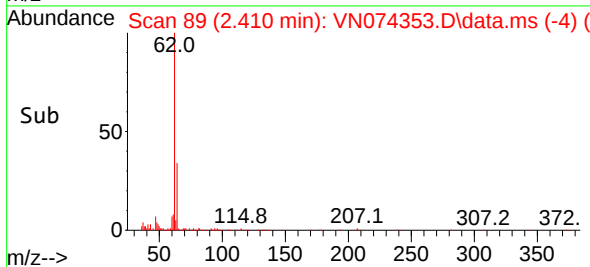
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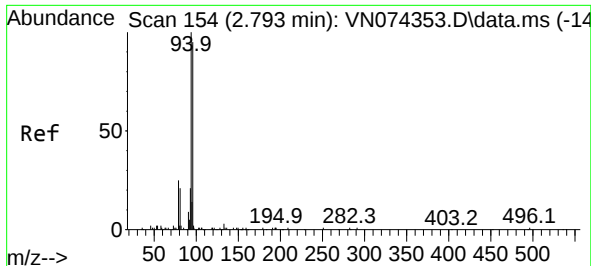


#4
Vinyl Chloride
Concen: 19.957 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



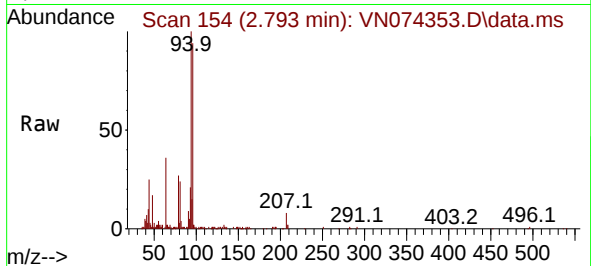
Tgt Ion: 62 Resp: 144515
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 26.250 ug/l
RT: 2.793 min Scan# 154
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

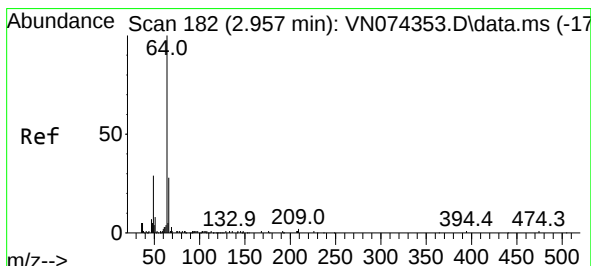
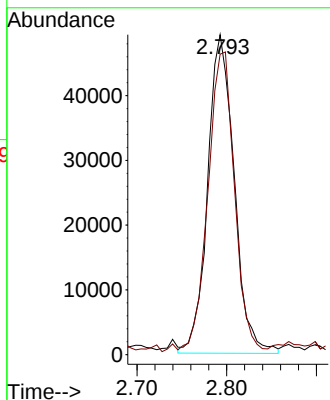
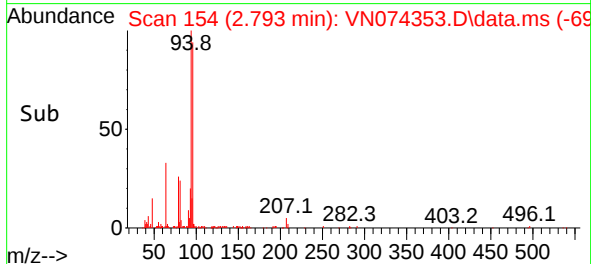
Instrument :
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VSTDICCC020



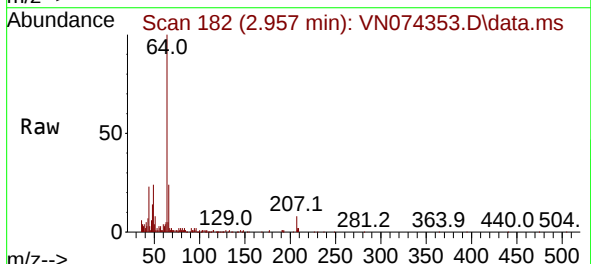
Tgt Ion: 94 Resp: 101160
Ion Ratio Lower Upper
94 100
96 94.1 75.2 112.8

Manual Integrations
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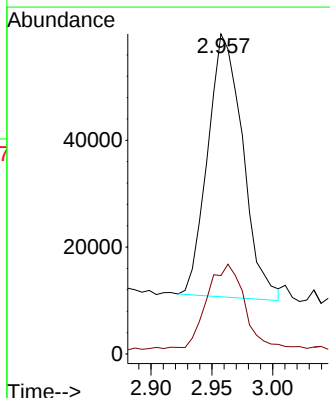
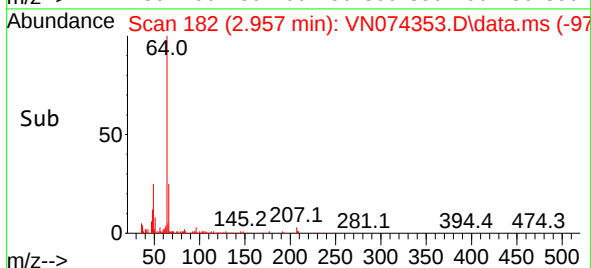
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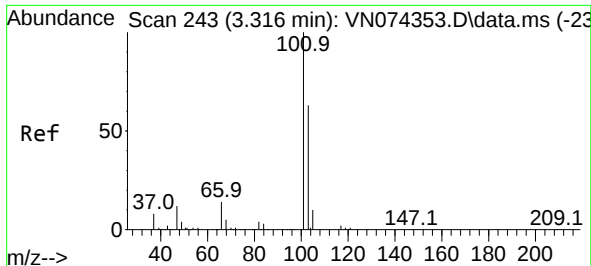


#6
Chloroethane
Concen: 20.103 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



Tgt Ion: 64 Resp: 98569
Ion Ratio Lower Upper
64 100
66 27.6 24.6 36.8





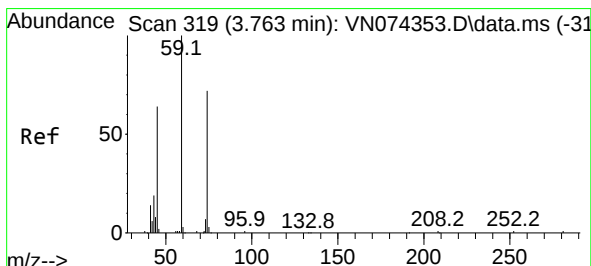
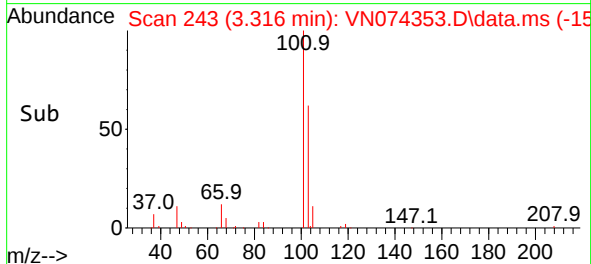
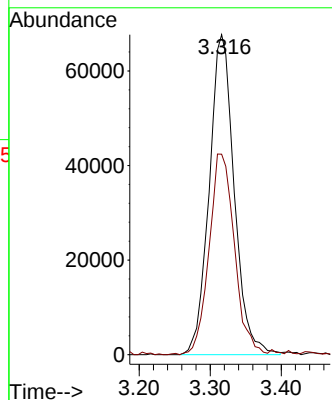
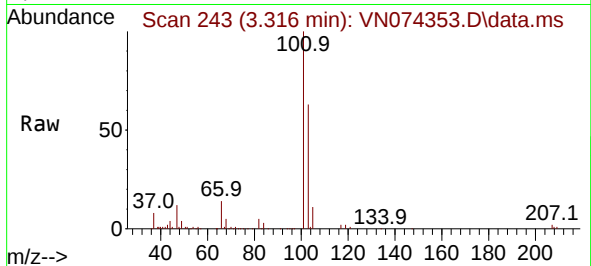
#7
 Trichlorofluoromethane
 Concen: 22.389 ug/l
 RT: 3.316 min Scan# 243
 Delta R.T. 0.000 min
 Lab File: VN074353.D
 Acq: 08 Sep 2022 12:48

Instrument :
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Tgt Ion: 101 Resp: 16530
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.1 75.1

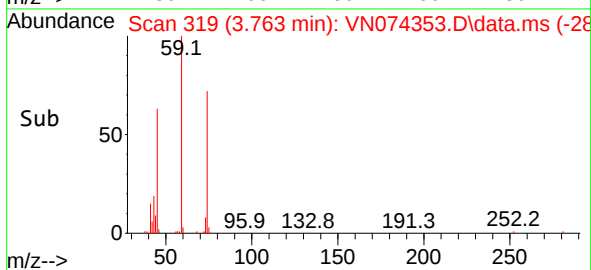
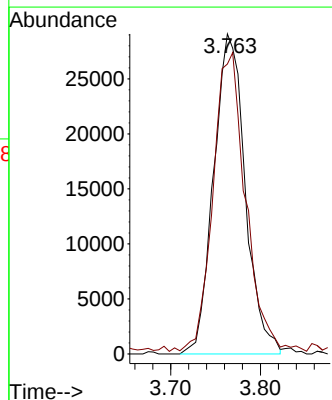
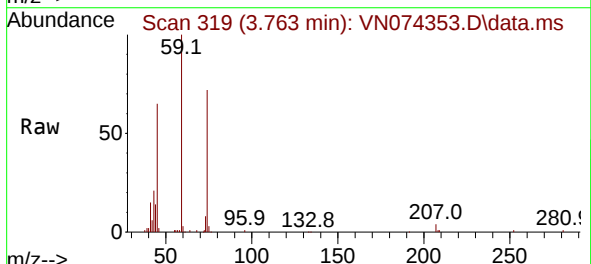
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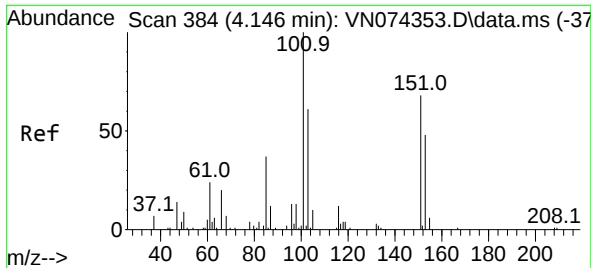
Reviewed By : John Carlone 09/09/2022
 Supervised By : Mahesh Dadoda 09/09/2022



#8
 Diethyl Ether
 Concen: 23.372 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074353.D
 Acq: 08 Sep 2022 12:48

Tgt Ion: 74 Resp: 71018
 Ion Ratio Lower Upper
 74 100
 45 94.8 17.6 158.8





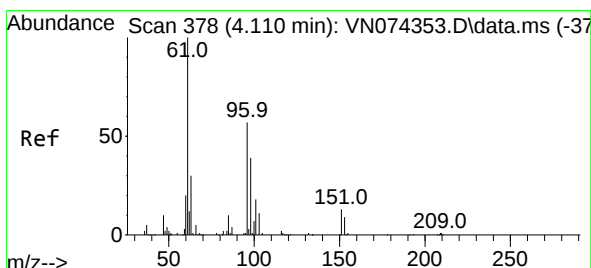
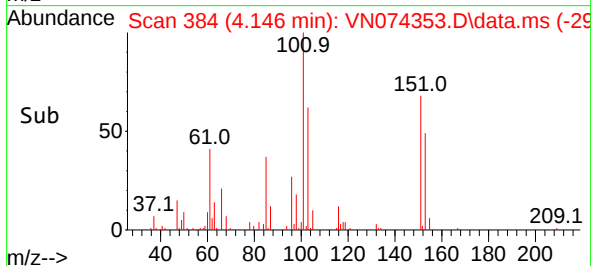
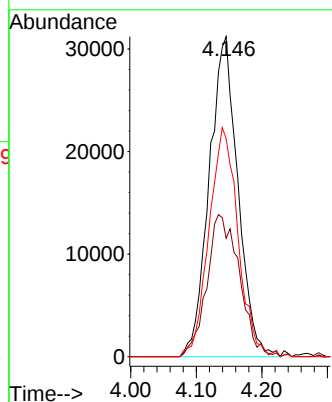
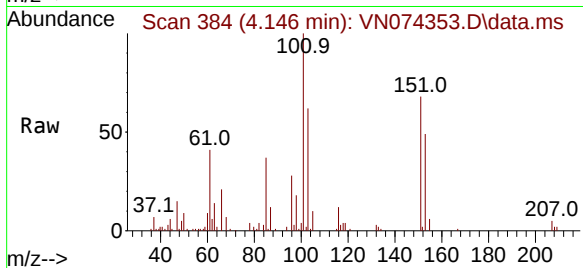
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.523 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 9486
Ion Ratio Lower Upper
101 100
85 50.0 0.0 94.0
151 71.9 0.0 74.6

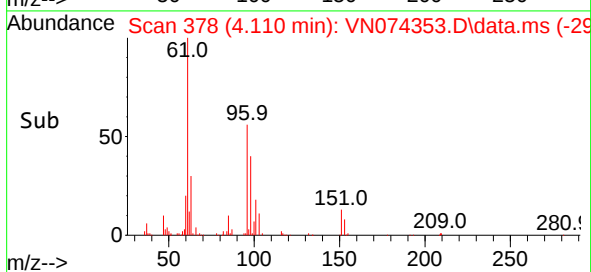
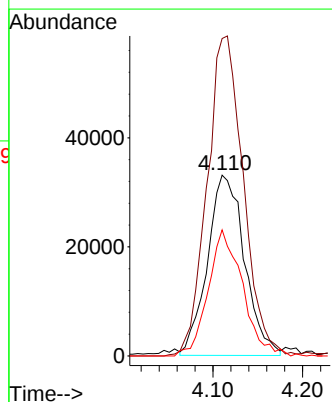
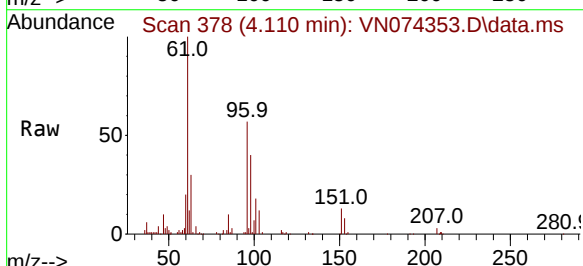
Manual Integrations
APPROVED

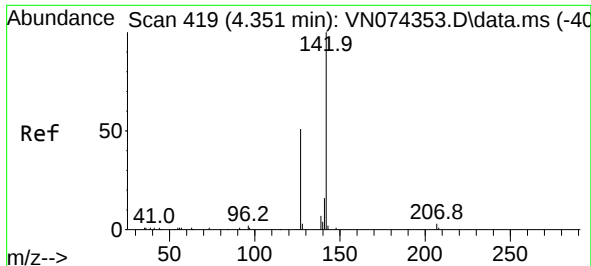
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#10
1,1-Dichloroethene
Concen: 22.153 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

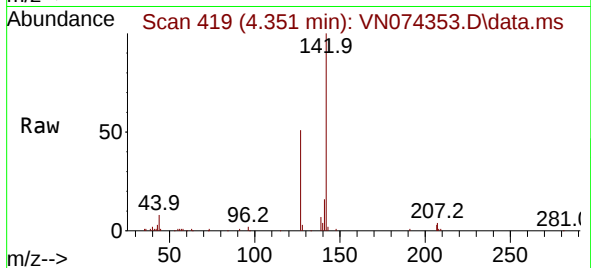
Tgt Ion: 96 Resp: 94617
Ion Ratio Lower Upper
96 100
61 176.9 126.2 189.4
98 68.3 50.9 76.3





#11
Methyl Iodide
Concen: 22.842 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

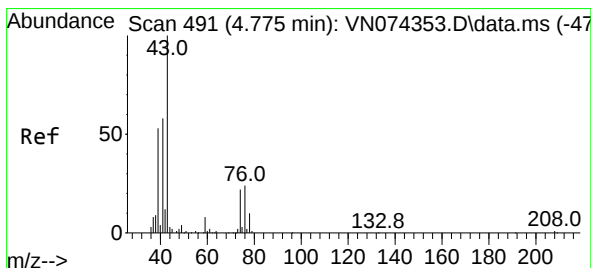
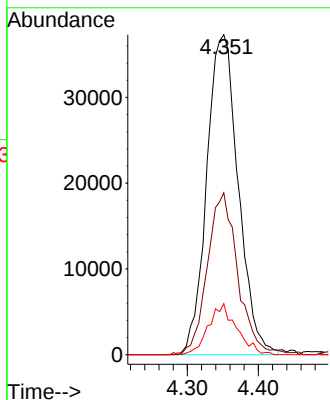
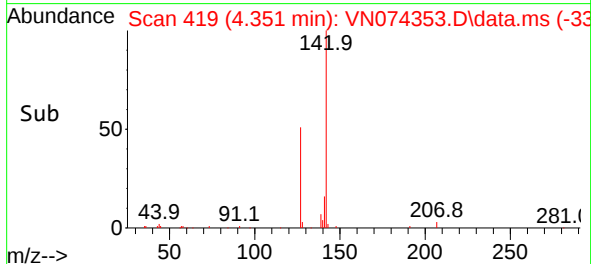
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 115208
Ion Ratio Lower Upper
142 100
127 50.3 24.0 72.0
141 15.8 8.4 25.2

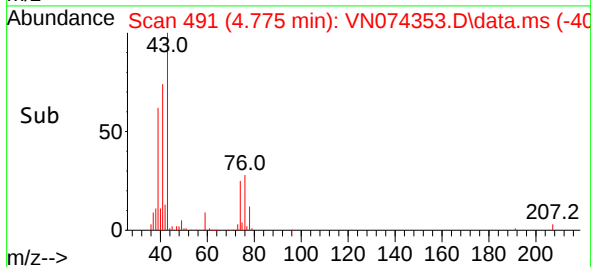
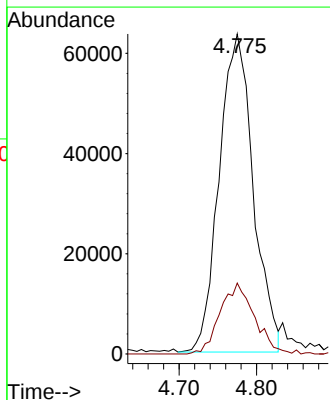
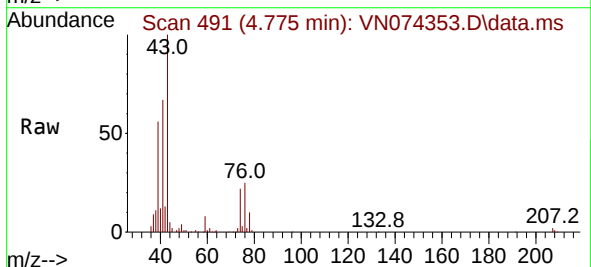
Manual Integrations
APPROVED

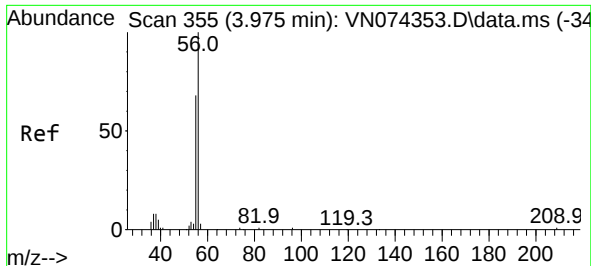
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#12
Methyl Acetate
Concen: 25.675 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

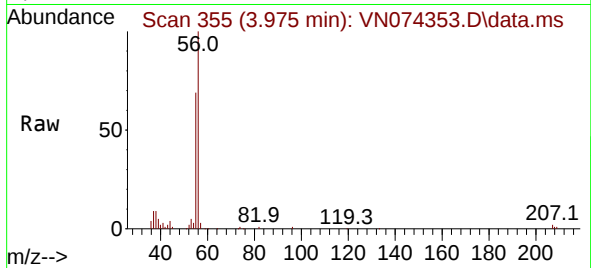
Tgt Ion: 43 Resp: 193973
Ion Ratio Lower Upper
43 100
74 22.2 20.8 31.2





#13
Acrolein
Concen: 103.863 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

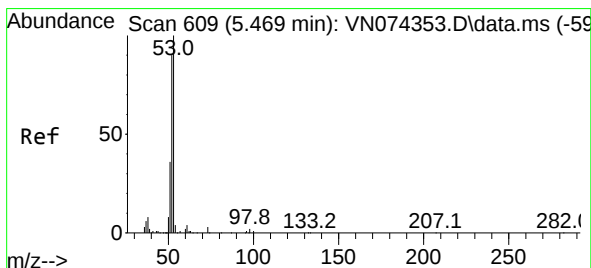
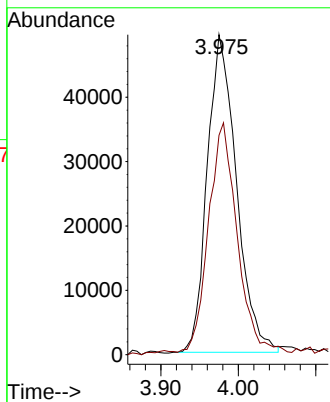
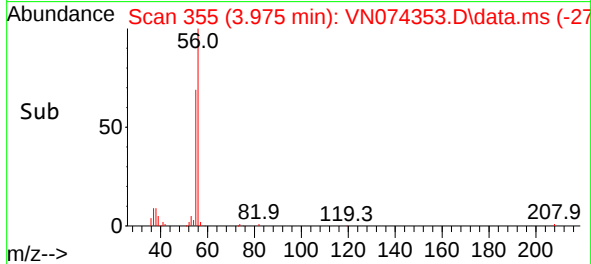
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 12914
Ion Ratio Lower Upper
56 100
55 68.9 57.6 86.4

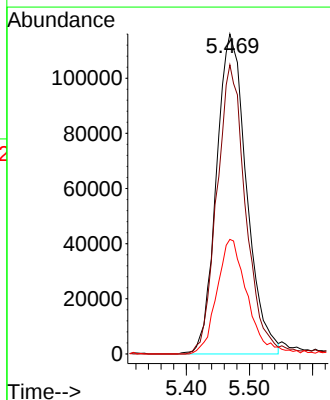
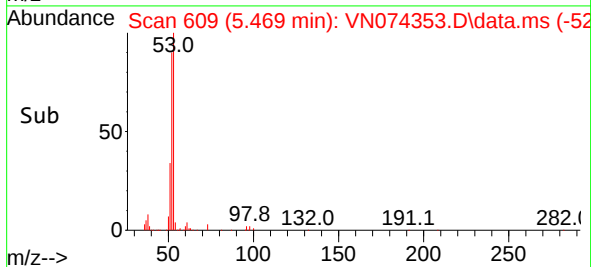
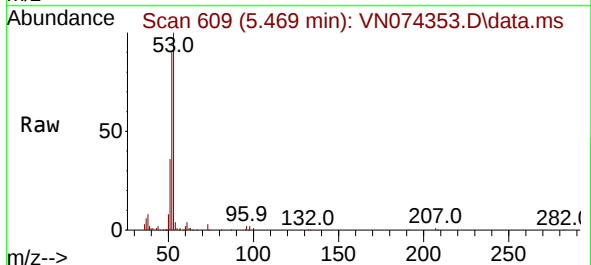
Manual Integrations
APPROVED

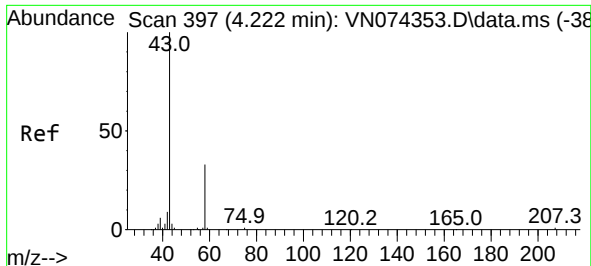
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#14
Acrylonitrile
Concen: 114.692 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

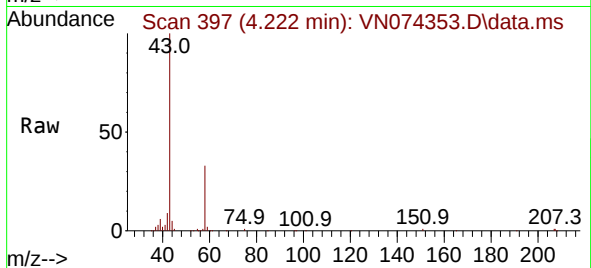
Tgt Ion: 53 Resp: 383957
Ion Ratio Lower Upper
53 100
52 85.7 41.8 125.4
51 36.2 19.0 57.0





#15
Acetone
Concen: 111.552 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

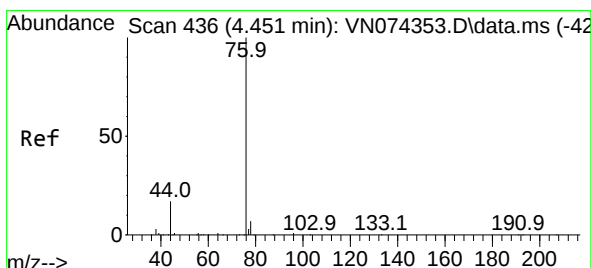
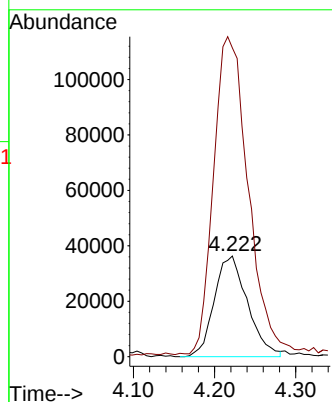
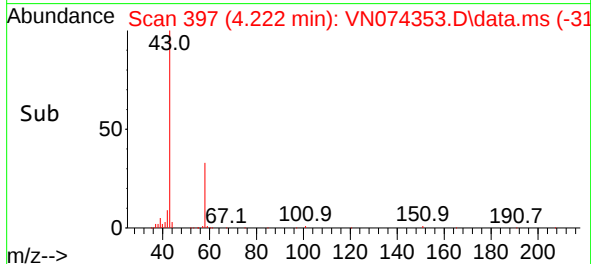
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 103430
Ion Ratio Lower Upper
58 100
43 303.3 256.6 384.8

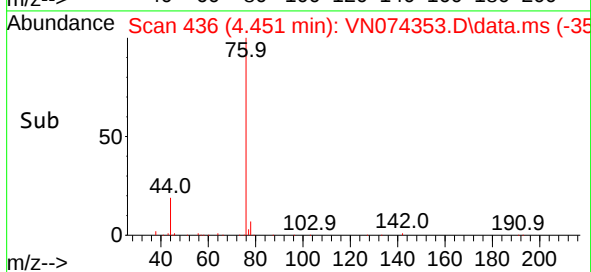
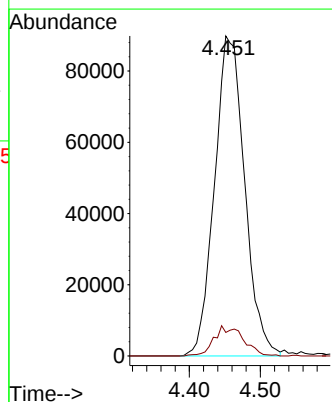
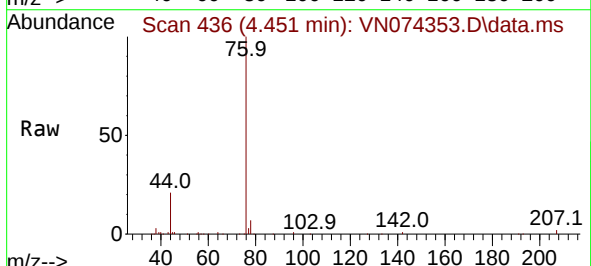
Manual Integrations
APPROVED

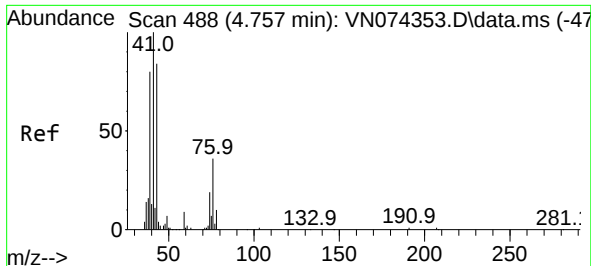
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#16
Carbon Disulfide
Concen: 22.556 ug/l
RT: 4.451 min Scan# 436
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Tgt Ion: 76 Resp: 264634
Ion Ratio Lower Upper
76 100
78 7.4 7.8 11.8#





#17

Allyl chloride

Concen: 26.151 ug/l

RT: 4.757 min Scan# 488

Delta R.T. 0.000 min

Lab File: VN074353.D

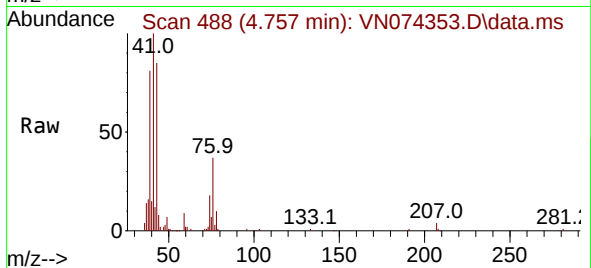
Acq: 08 Sep 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020



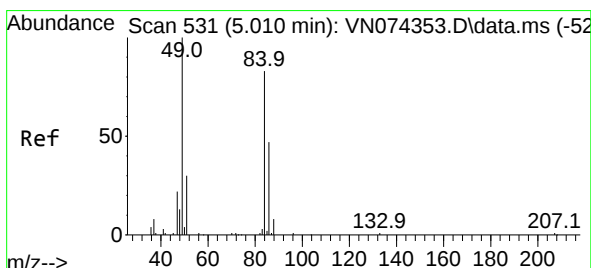
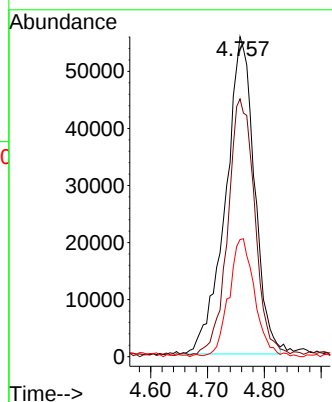
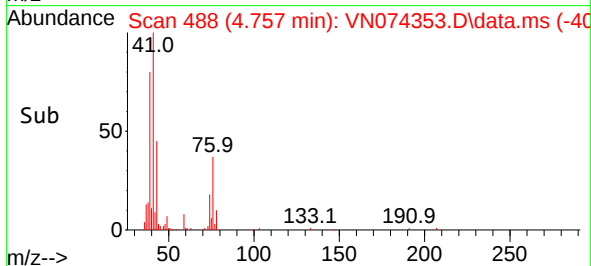
Tgt Ion:	41	Resp:	19678
Ion Ratio	100	Lower	Upper
39	80.5	44.6	134.0
76	36.3	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#18

Methylene Chloride

Concen: 21.231 ug/l

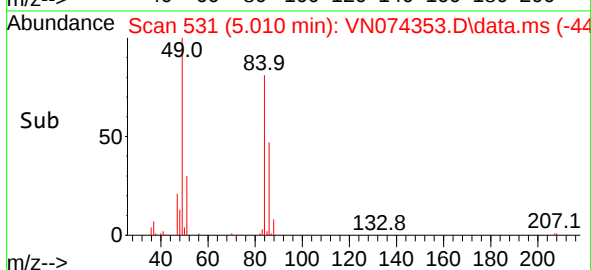
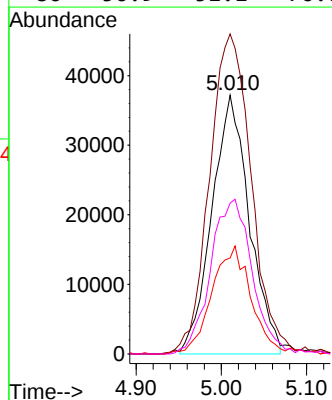
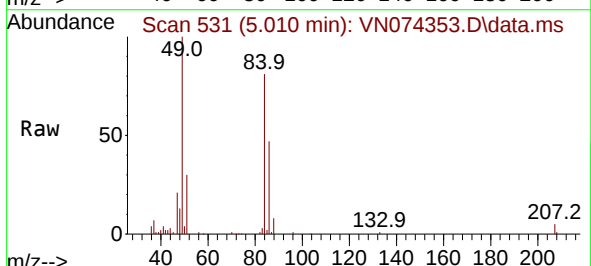
RT: 5.010 min Scan# 531

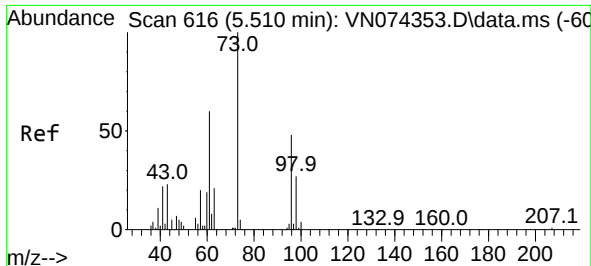
Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

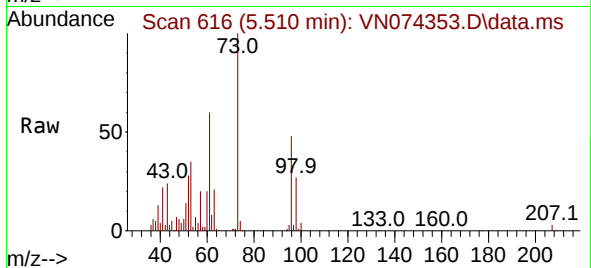
Tgt Ion:	84	Resp:	113508
Ion Ratio	100	Lower	Upper
49	121.1	91.4	137.0
51	36.4	29.4	44.0
86	56.9	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 22.102 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

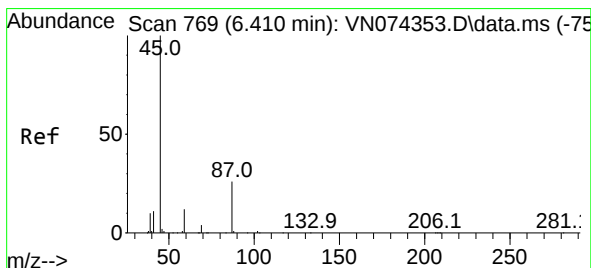
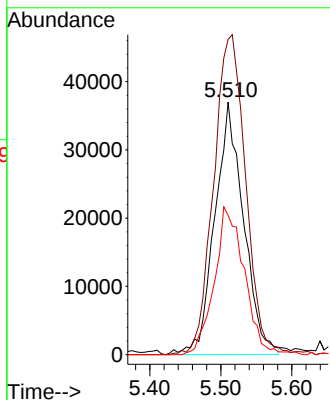
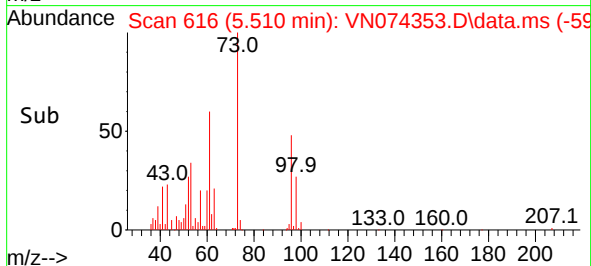
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 10352
Ion Ratio Lower Upper
96 100
61 125.4 102.8 154.2
98 55.7 49.3 73.9

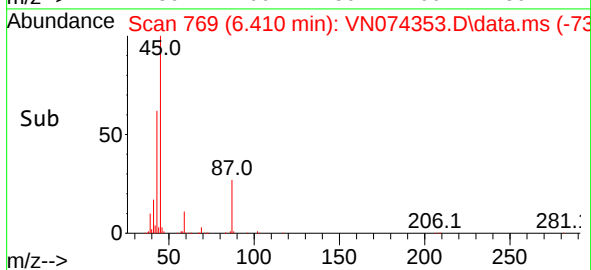
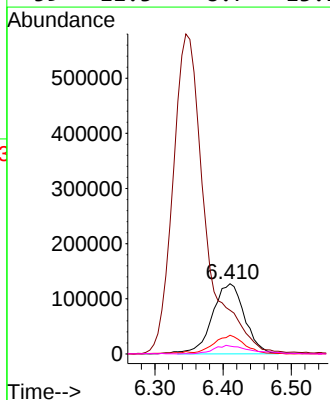
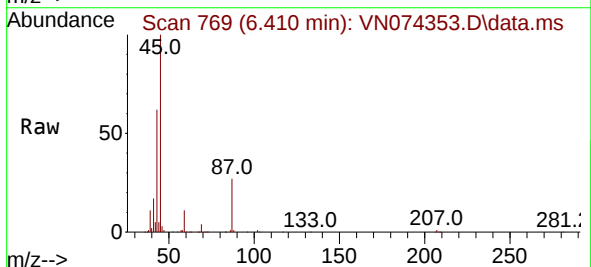
Manual Integrations
APPROVED

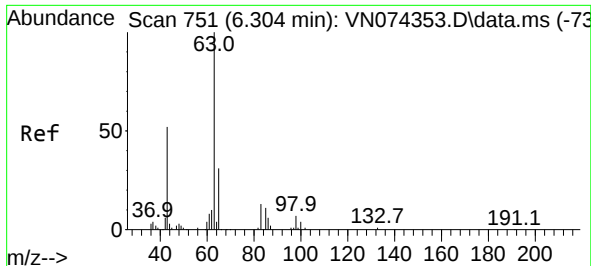
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#20
Diisopropyl ether
Concen: 25.734 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Tgt Ion: 45 Resp: 415840
Ion Ratio Lower Upper
45 100
43 58.8 51.0 76.4
87 26.3 25.0 37.4
59 11.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 23.286 ug/l

RT: 6.304 min Scan# 751

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 21526

Ion Ratio Lower Upper

63 100

98 7.1 3.2 9.6

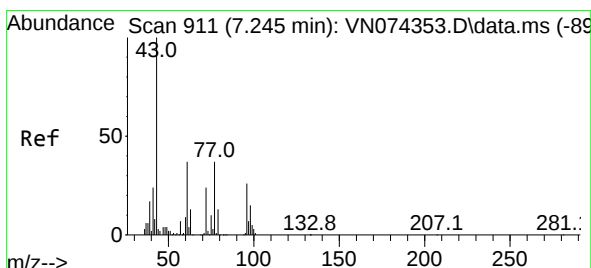
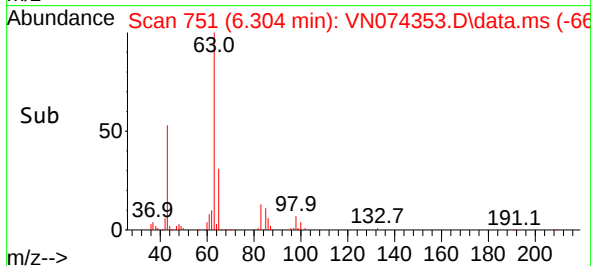
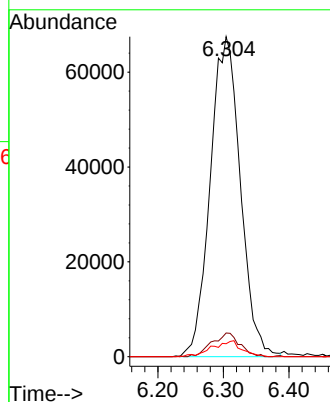
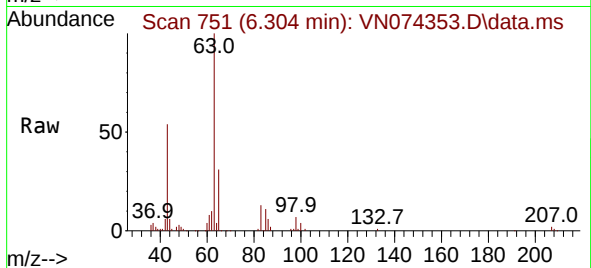
100 4.0 2.1 6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#22

cis-1,2-Dichloroethene

Concen: 22.307 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

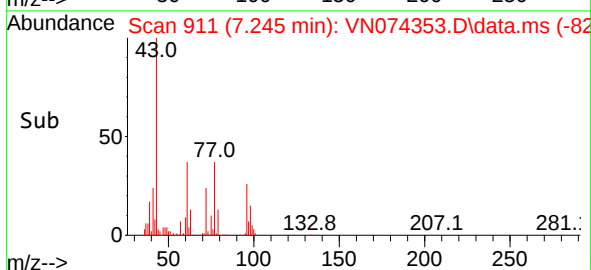
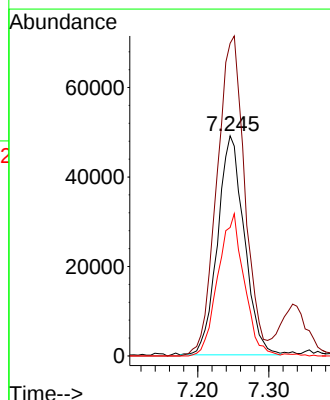
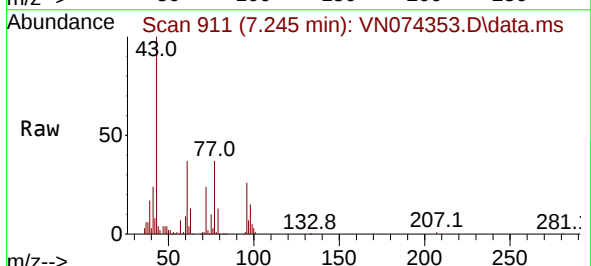
Tgt Ion: 96 Resp: 127905

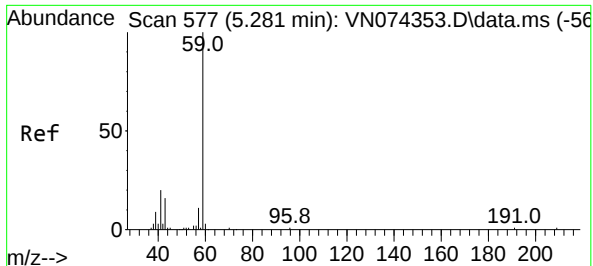
Ion Ratio Lower Upper

96 100

61 152.3 115.7 173.5

98 63.6 51.6 77.4





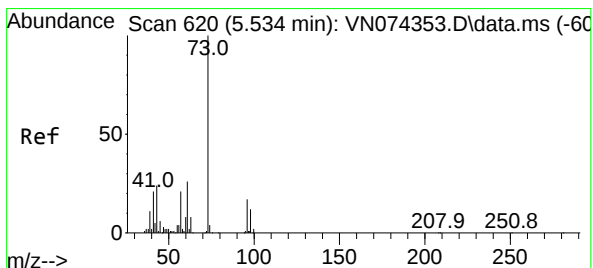
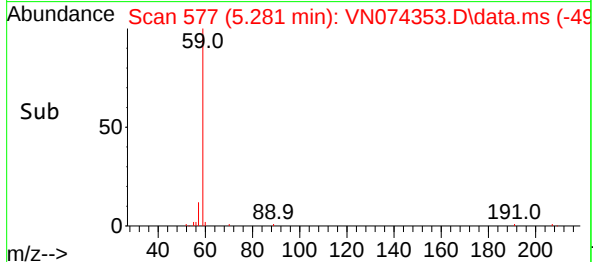
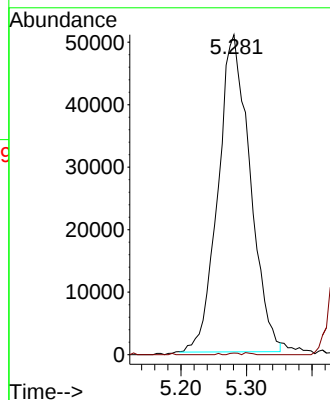
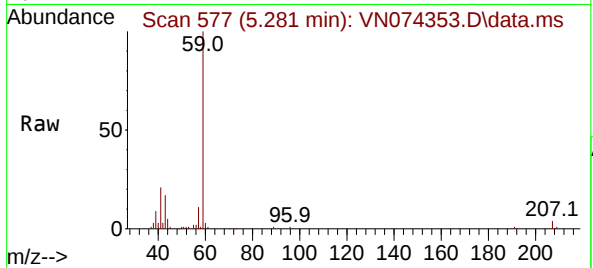
#23
tert-Butyl Alcohol
Concen: 135.939 ug/l
RT: 5.281 min Scan# 577
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 172238
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

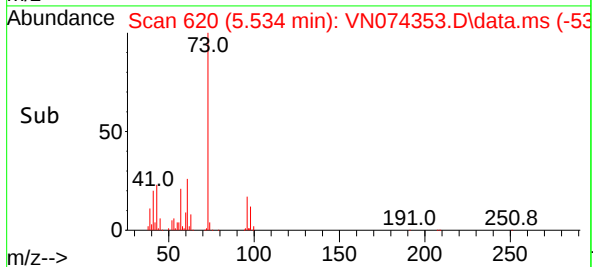
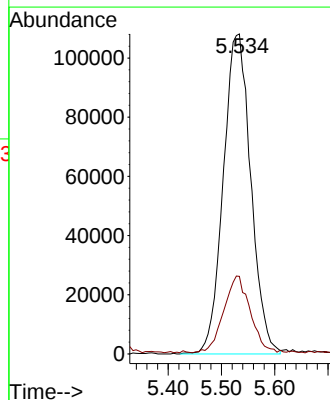
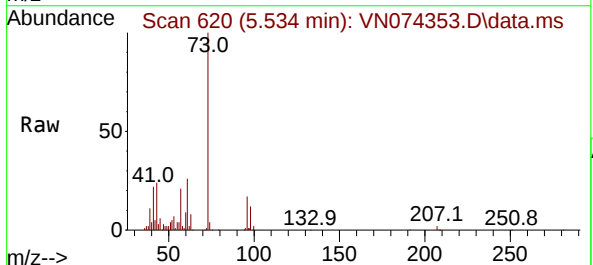
Manual Integrations
APPROVED

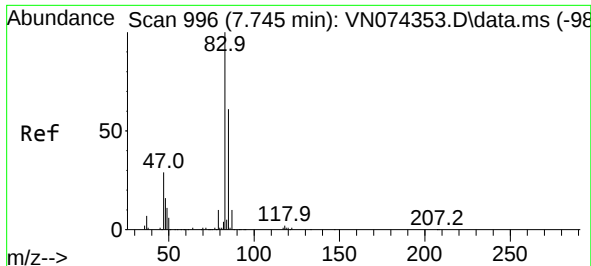
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#24
Methyl tert-Butyl Ether
Concen: 24.825 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

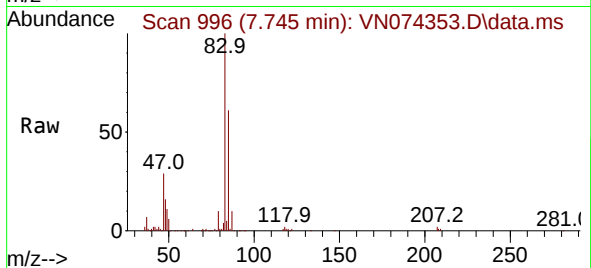
Tgt Ion: 73 Resp: 387916
Ion Ratio Lower Upper
73 100
43 23.1 18.1 27.1





#25
Chloroform
Concen: 23.170 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

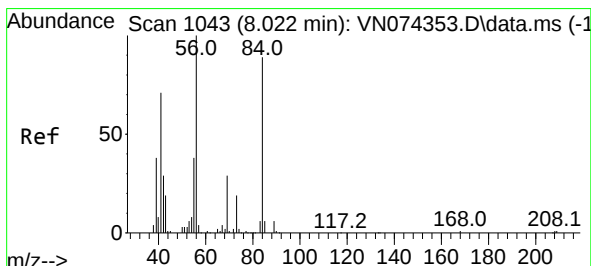
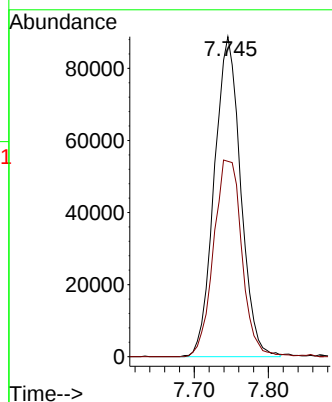
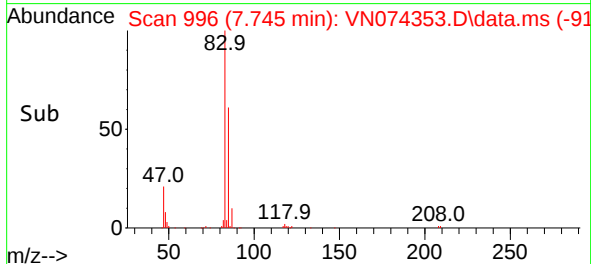
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



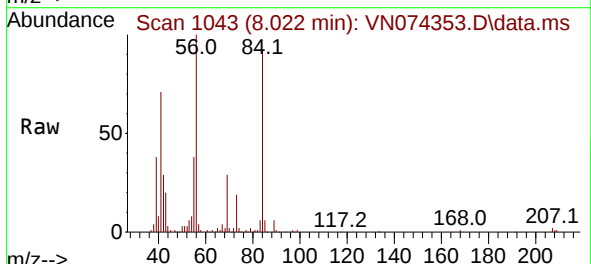
Tgt Ion: 83 Resp: 21953
Ion Ratio Lower Upper
83 100
85 61.1 51.3 76.9

Manual Integrations
APPROVED

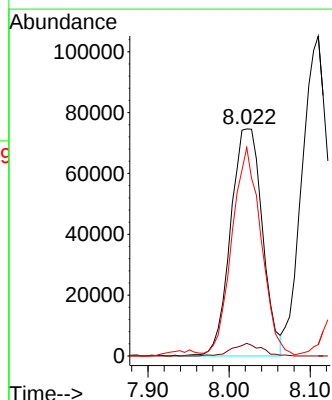
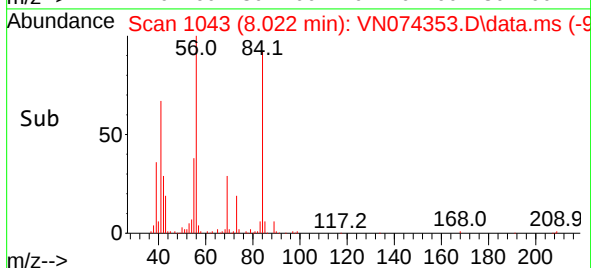
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

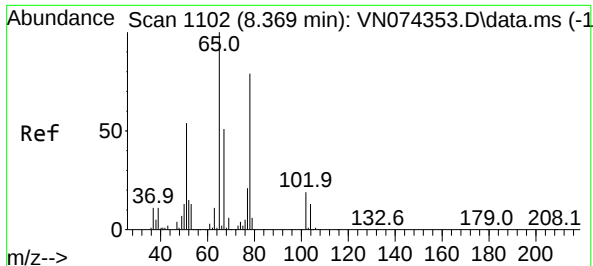


#26
Cyclohexane
Concen: 24.813 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



Tgt Ion: 56 Resp: 202865
Ion Ratio Lower Upper
56 100
89 5.0 0.1 0.1#
84 84.7 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 37.135 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 222614

Ion Ratio Lower Upper

65 100

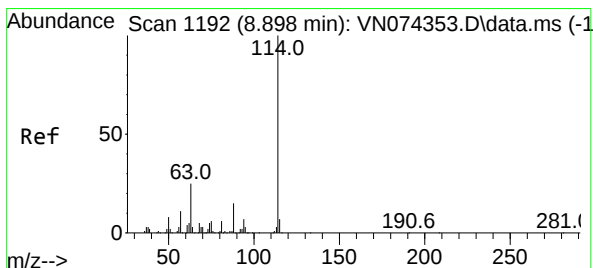
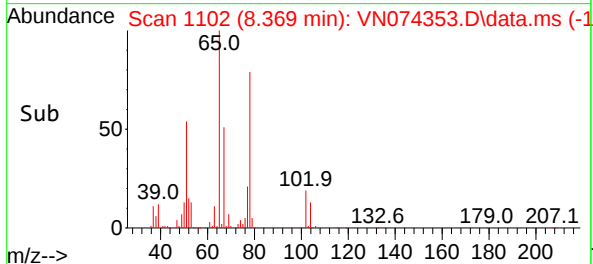
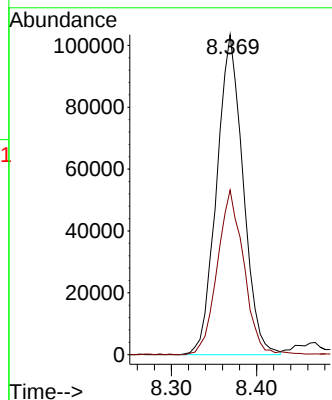
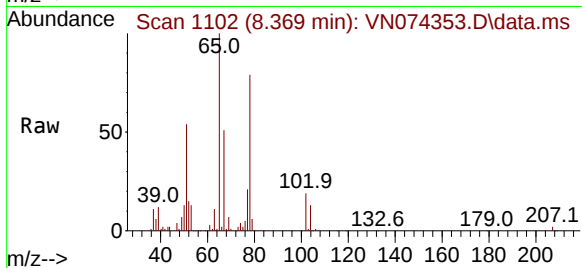
67 51.1 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

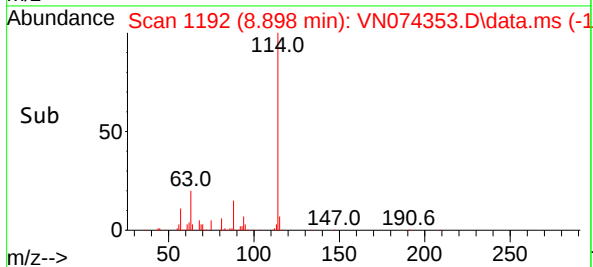
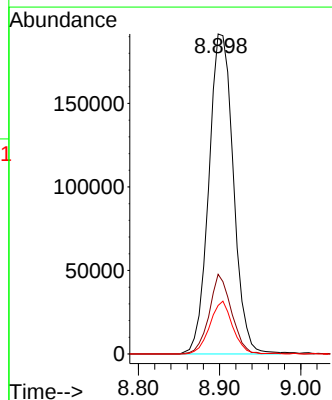
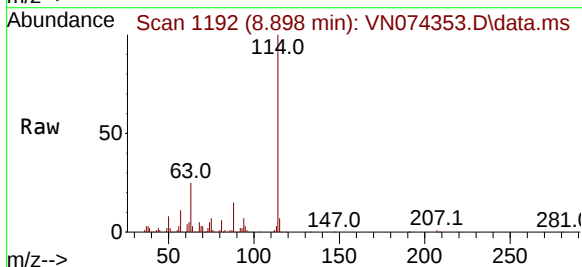
Tgt Ion:114 Resp: 403372

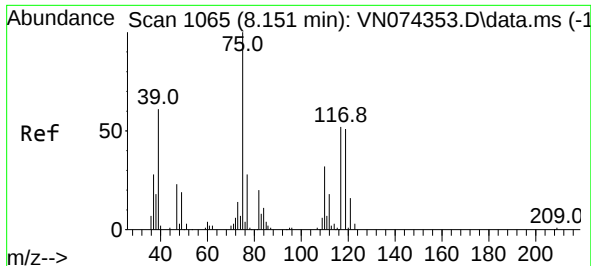
Ion Ratio Lower Upper

114 100

63 22.5 15.8 23.6

88 15.3 11.6 17.4





#29

1,1-Dichloropropene

Concen: 21.135 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

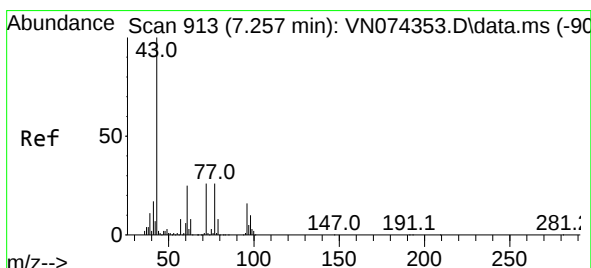
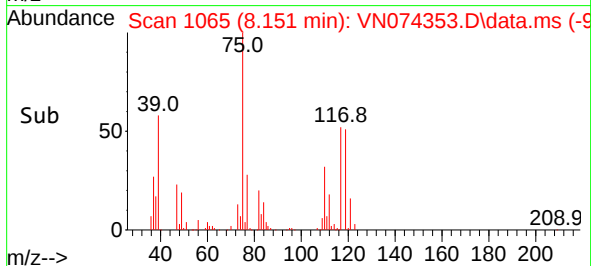
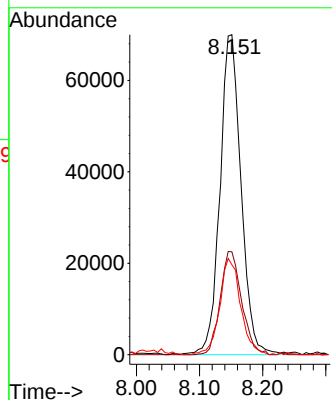
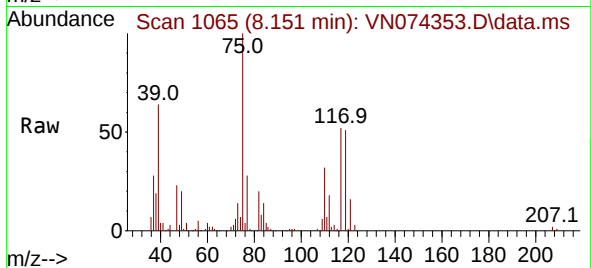
Tgt Ion: 75	Resp: 16219
Ion Ratio	Lower Upper
75 100	
110 32.7	0.0 74.2
77 29.7	0.0 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#30

2-Butanone

Concen: 110.356 ug/l

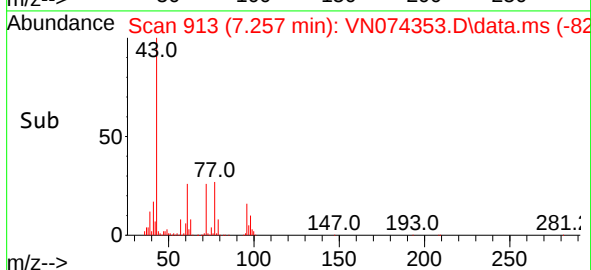
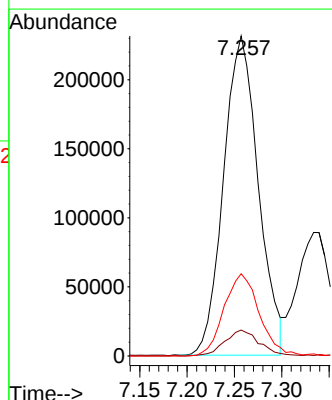
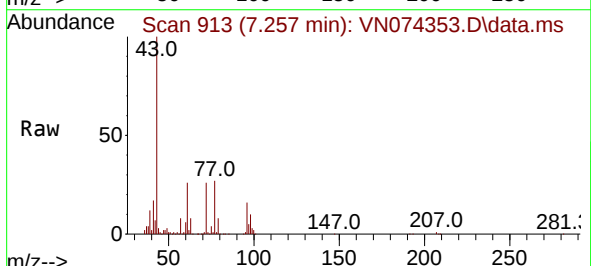
RT: 7.257 min Scan# 913

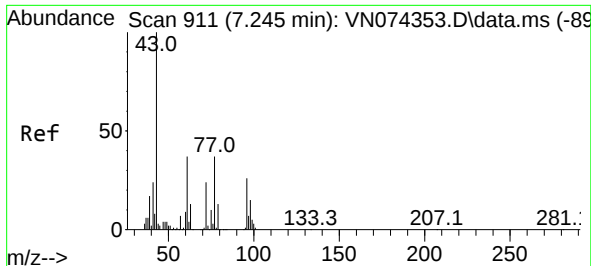
Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

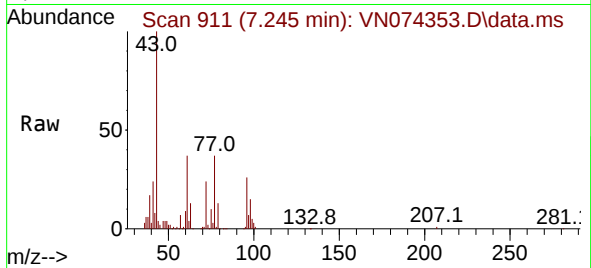
Tgt Ion: 43	Resp: 589435
Ion Ratio	Lower Upper
43 100	
57 8.1	6.7 10.1
72 26.1	23.2 34.8





#31
2,2-Dichloropropane
Concen: 24.490 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

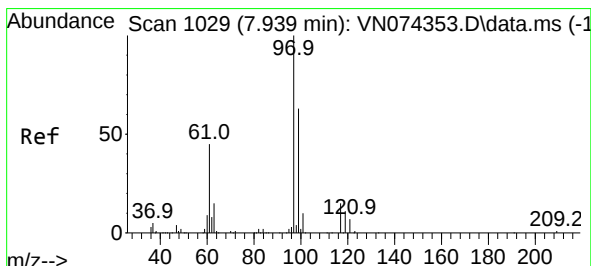
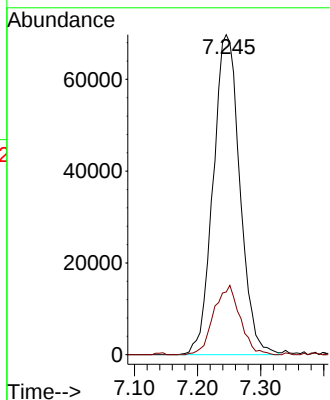
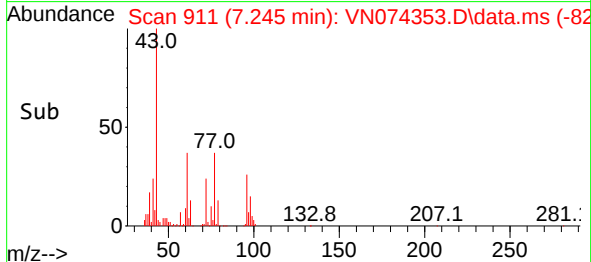
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 77 Resp: 204920
Ion Ratio Lower Upper
77 100
97 21.0 18.3 27.5

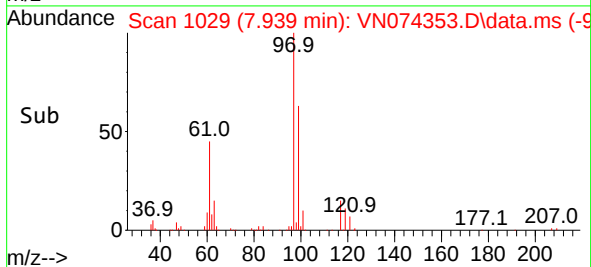
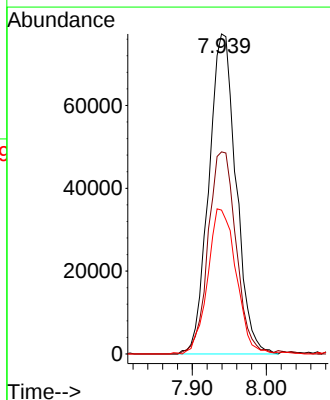
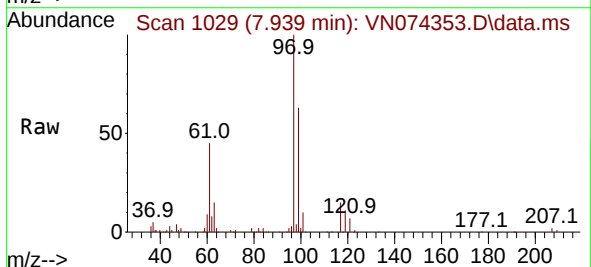
Manual Integrations
APPROVED

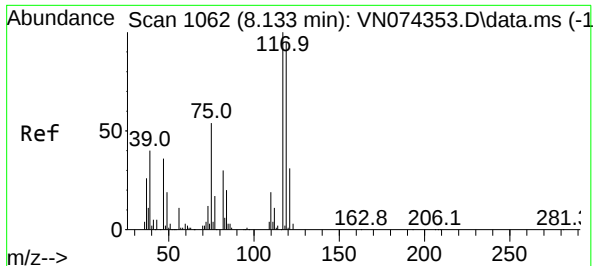
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#32
1,1,1-Trichloroethane
Concen: 22.063 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

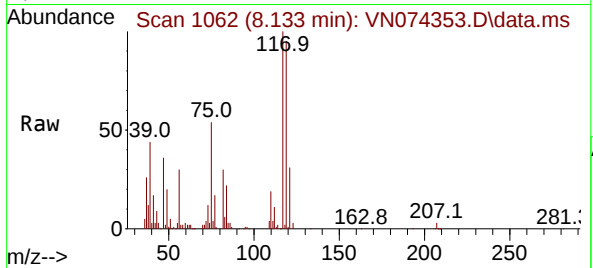
Tgt Ion: 97 Resp: 197364
Ion Ratio Lower Upper
97 100
99 64.6 50.4 75.6
61 47.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 21.699 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

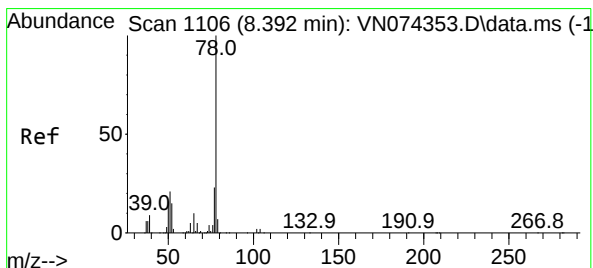
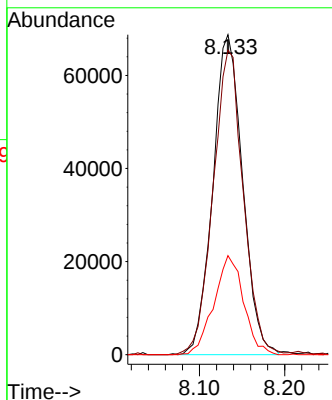
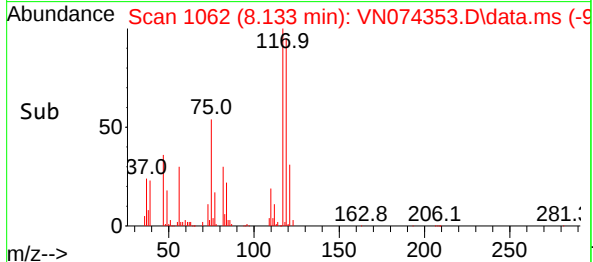
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 166880
Ion Ratio Lower Upper
117 100
119 94.8 77.5 116.3
121 30.9 23.5 35.3

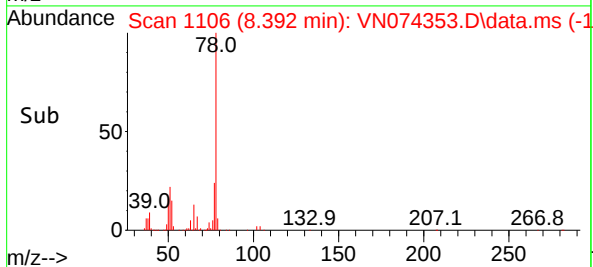
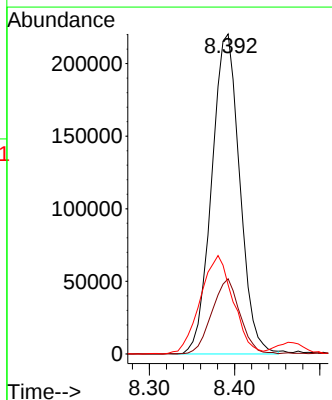
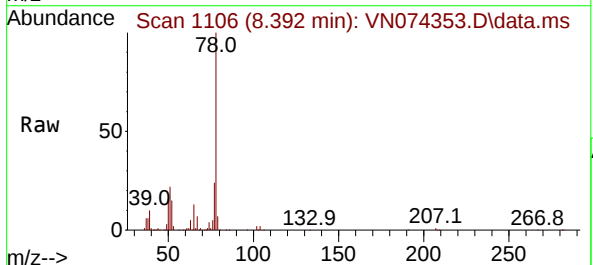
Manual Integrations
APPROVED

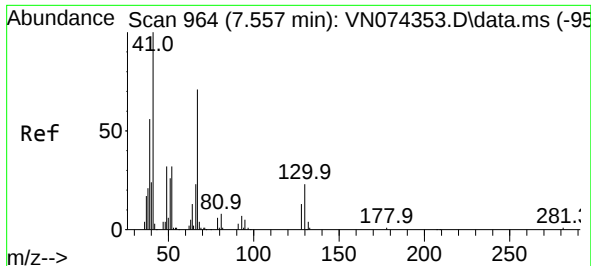
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#34
Benzene
Concen: 20.550 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

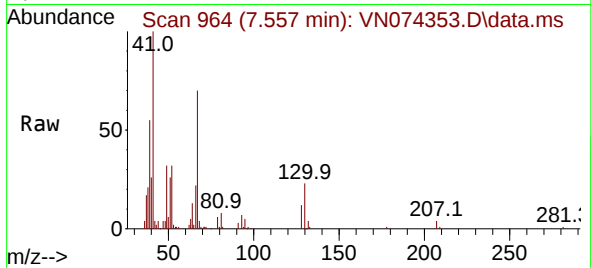
Tgt Ion: 78 Resp: 503333
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 20.7 16.0 24.0





#35
Methacrylonitrile
Concen: 23.641 ug/l
RT: 7.557 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

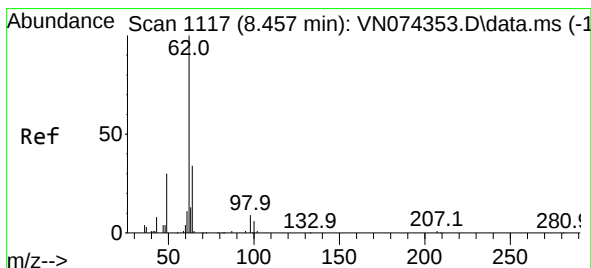
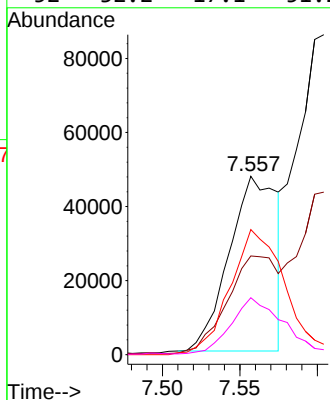
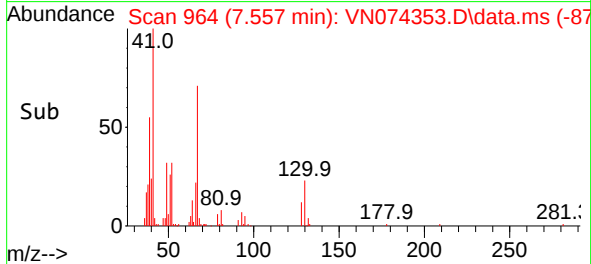
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



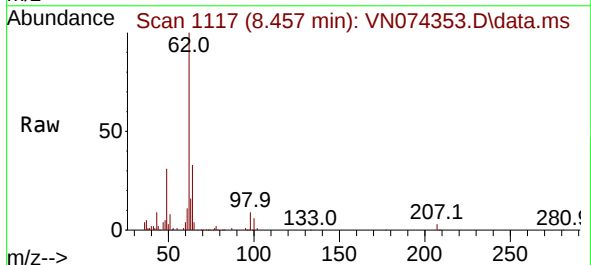
Tgt Ion: 41 Resp: 10142
Ion Ratio Lower Upper
41 100
39 55.5 28.0 83.9
67 70.6 37.7 113.1
52 32.2 17.1 51.2

Manual Integrations
APPROVED

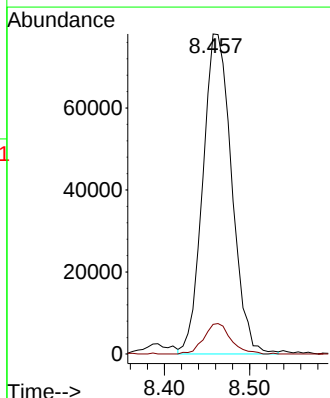
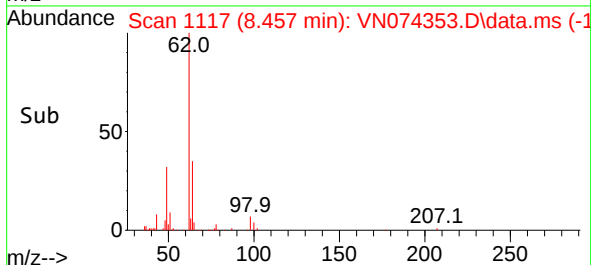
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

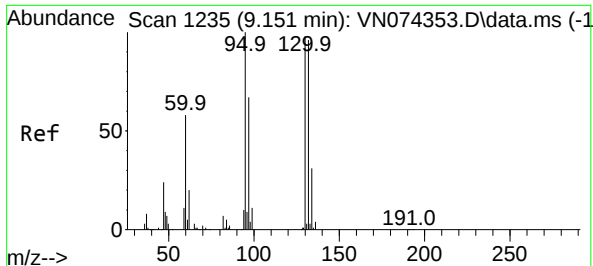


#36
1,2-Dichloroethane
Concen: 22.307 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



Tgt Ion: 62 Resp: 183589
Ion Ratio Lower Upper
62 100
98 8.7 6.6 10.0





#37

Trichloroethene

Concen: 18.894 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 112699

Ion Ratio Lower Upper

130 100

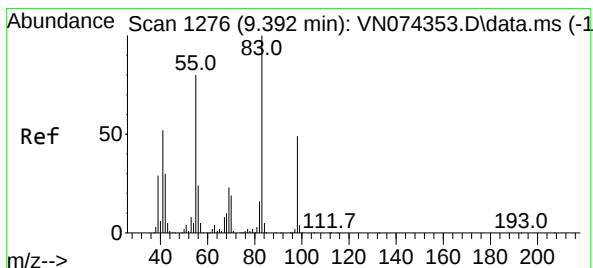
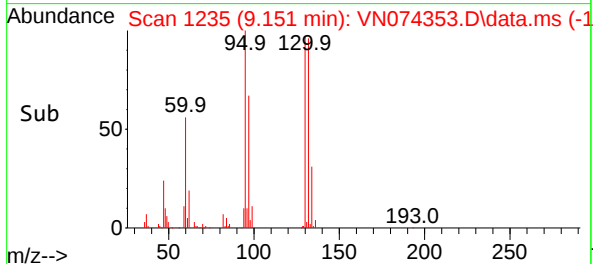
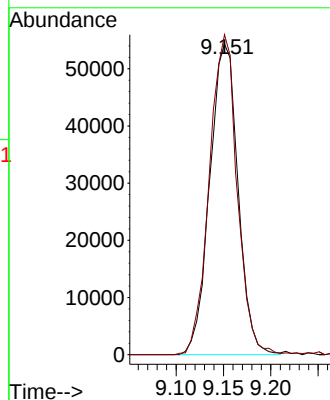
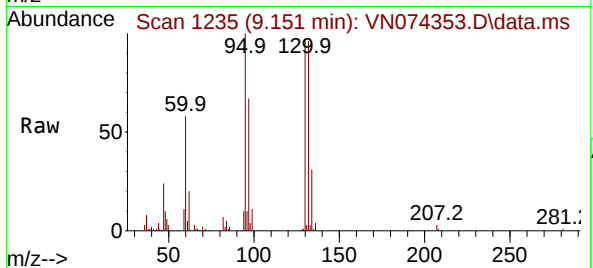
95 102.6 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#38

Methylcyclohexane

Concen: 20.823 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

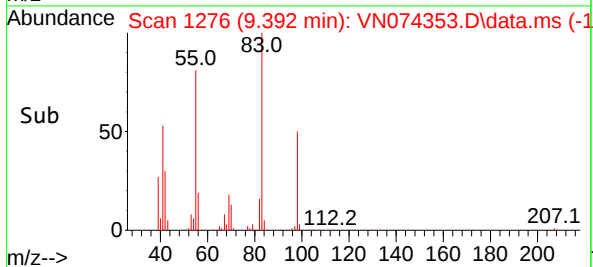
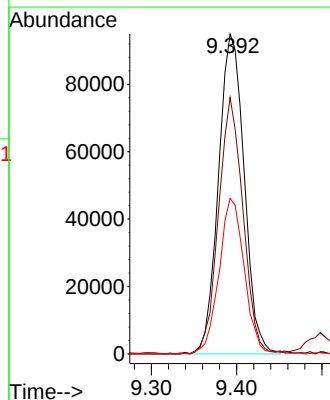
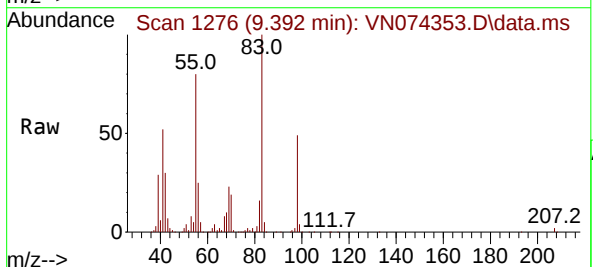
Tgt Ion: 83 Resp: 198960

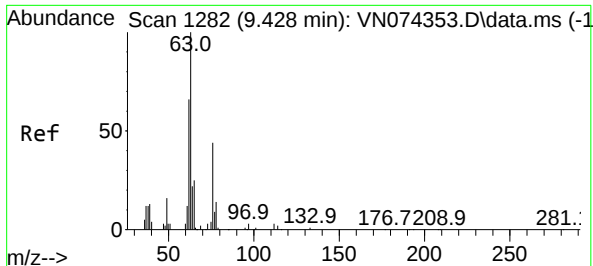
Ion Ratio Lower Upper

83 100

55 76.3 35.1 105.3

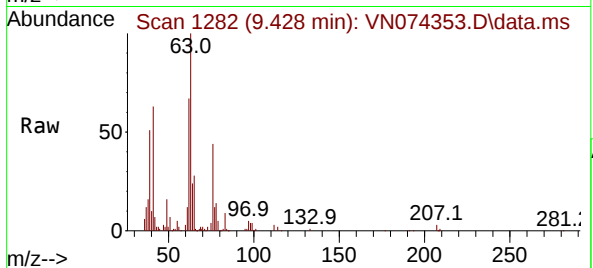
98 47.6 23.4 70.2





#39
1,2-Dichloropropane
Concen: 21.054 ug/l
RT: 9.428 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

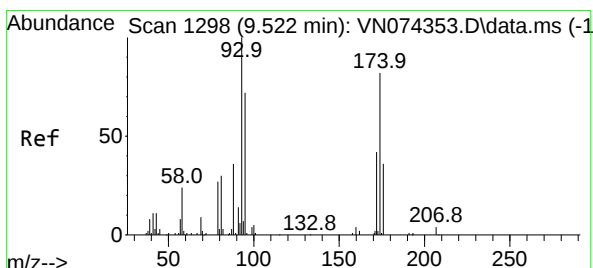
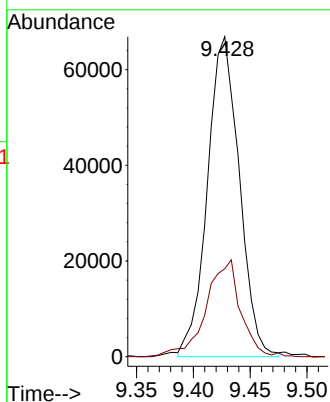
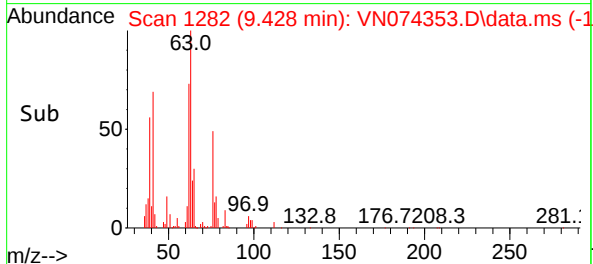
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 130732
Ion Ratio Lower Upper
63 100
65 26.6 24.2 36.4

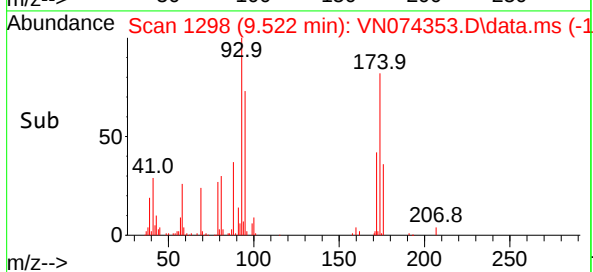
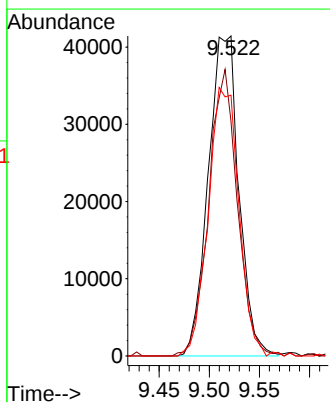
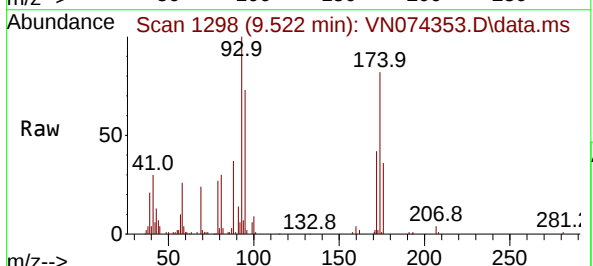
Manual Integrations
APPROVED

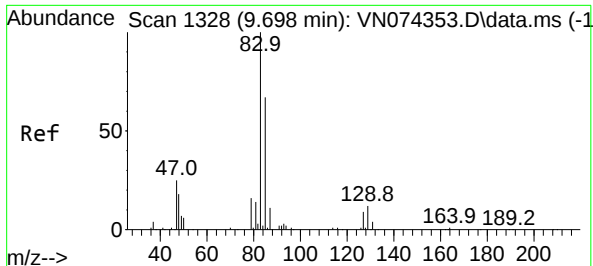
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#40
Dibromomethane
Concen: 20.923 ug/l
RT: 9.522 min Scan# 1298
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

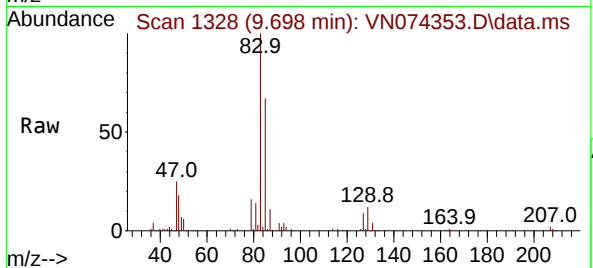
Tgt Ion: 93 Resp: 88188
Ion Ratio Lower Upper
93 100
95 83.6 0.0 168.8
174 83.4 0.0 173.6





#41
Bromodichloromethane
Concen: 21.420 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

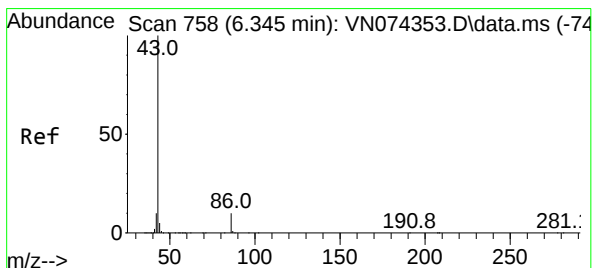
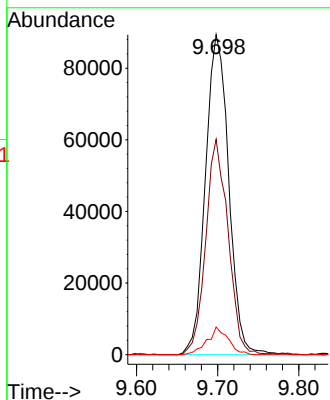
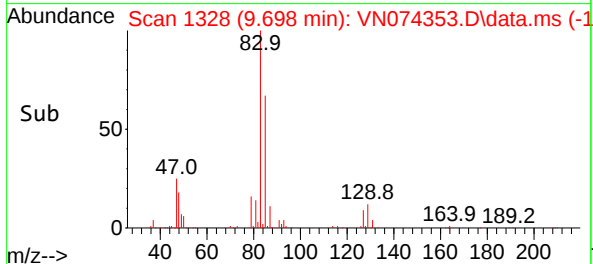
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



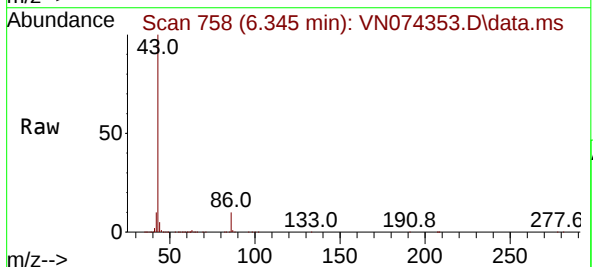
Tgt Ion: 83 Resp: 17818
Ion Ratio Lower Upper
83 100
85 67.3 54.1 81.1
127 8.6 7.6 11.4

Manual Integrations
APPROVED

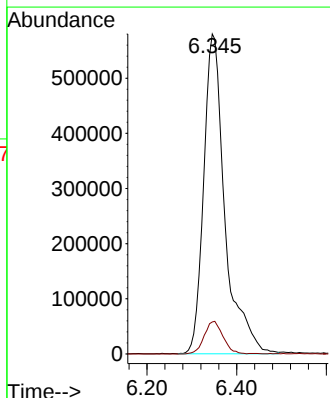
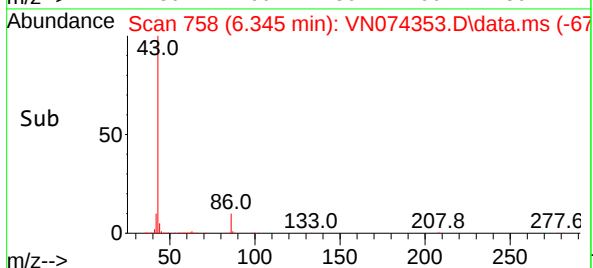
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

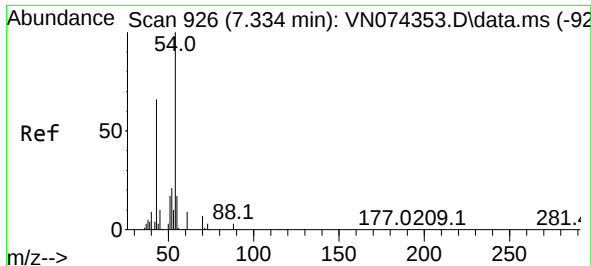


#42
Vinyl Acetate
Concen: 120.332 ug/l
RT: 6.345 min Scan# 758
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



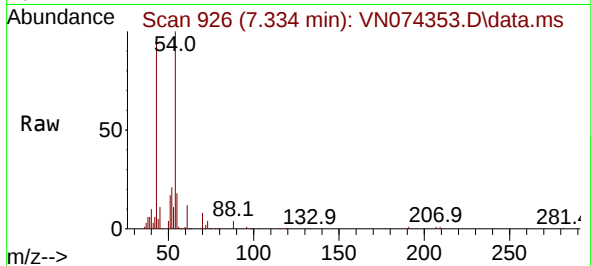
Tgt Ion: 43 Resp: 1906640
Ion Ratio Lower Upper
43 100
86 9.0 7.5 11.3





#43
Ethyl Acetate
Concen: 22.755 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

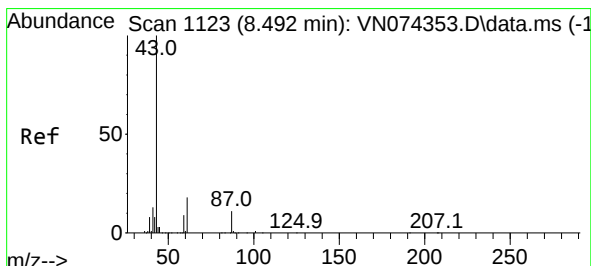
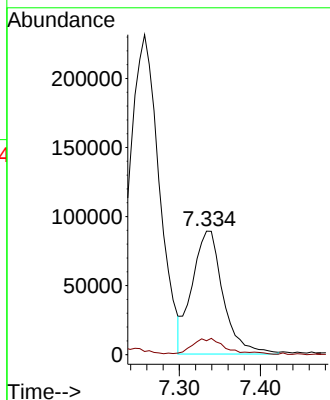
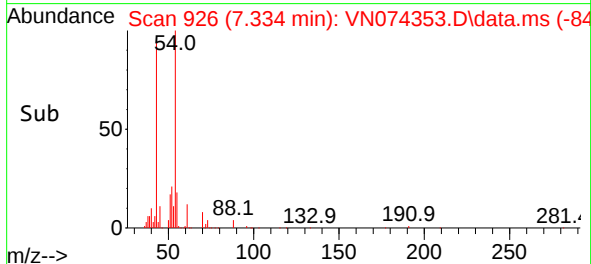
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



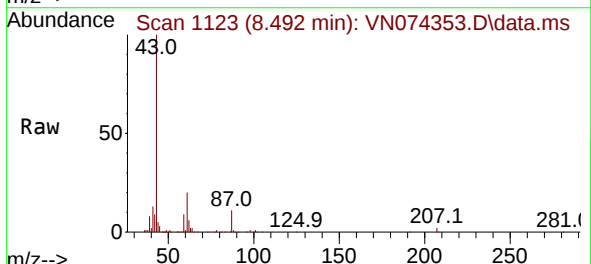
Tgt Ion: 43 Resp: 236685
Ion Ratio Lower Upper
43 100
45 5.9 10.6 16.0

Manual Integrations
APPROVED

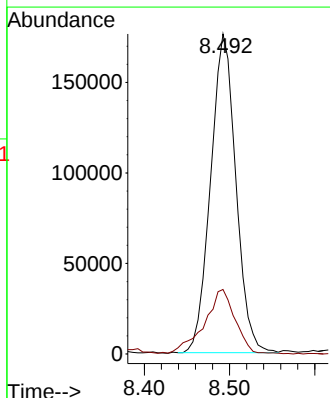
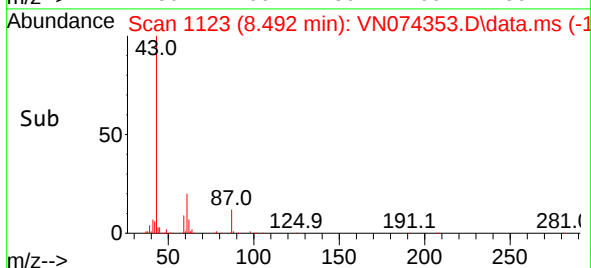
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

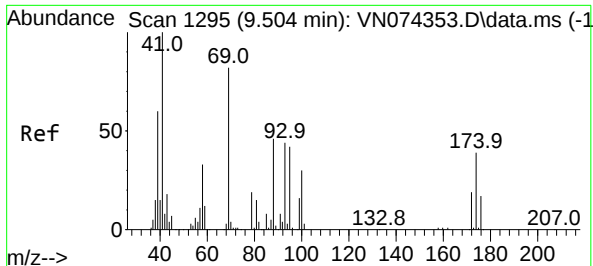


#44
Isopropyl Acetate
Concen: 24.798 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



Tgt Ion: 43 Resp: 363743
Ion Ratio Lower Upper
43 100
61 24.8 20.1 30.1





#45

1,4-Dioxane

Concen: 412.695 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

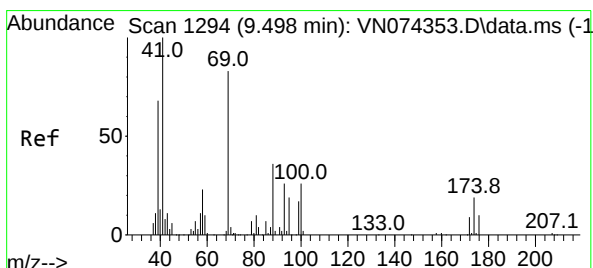
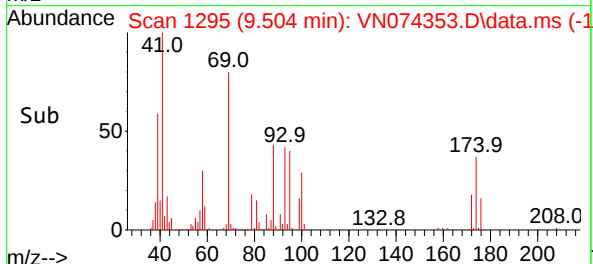
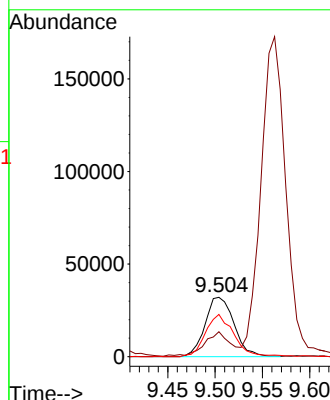
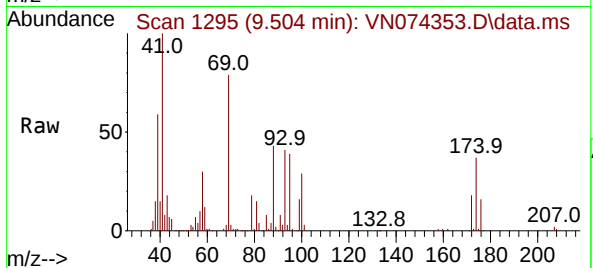
VSTDICCC020

Tgt Ion: 88 Resp: 68249

Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.0	37.6
58	68.6	49.4	74.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#46

Methyl methacrylate

Concen: 23.752 ug/l

RT: 9.498 min Scan# 1294

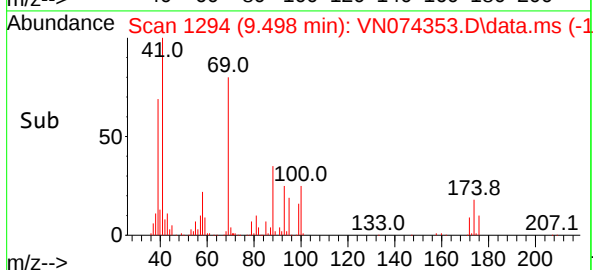
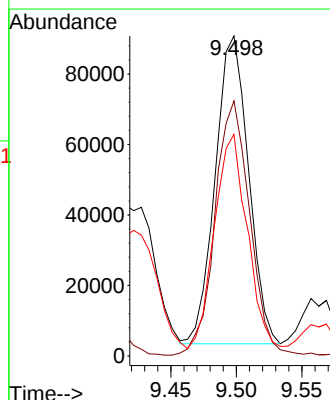
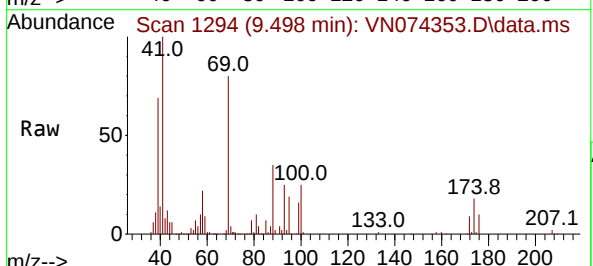
Delta R.T. 0.000 min

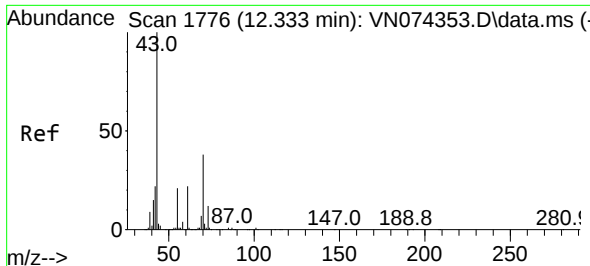
Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

Tgt Ion: 41 Resp: 154212

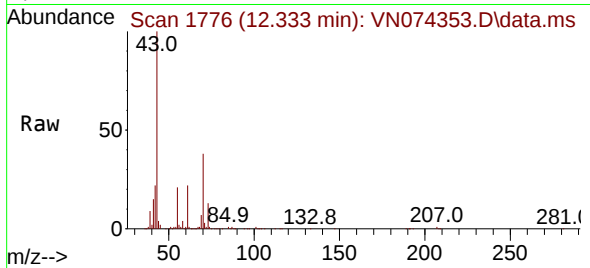
Ion	Ratio	Lower	Upper
41	100		
69	81.9	44.4	133.2
39	68.9	39.9	119.6





#47
n-amy1 Acetate
Concen: 26.760 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

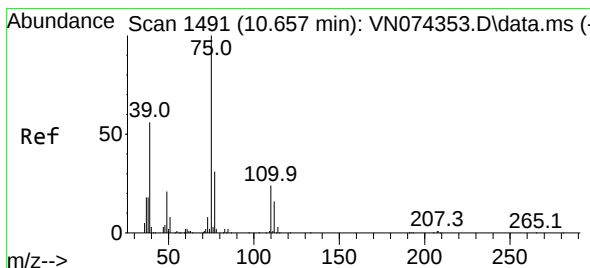
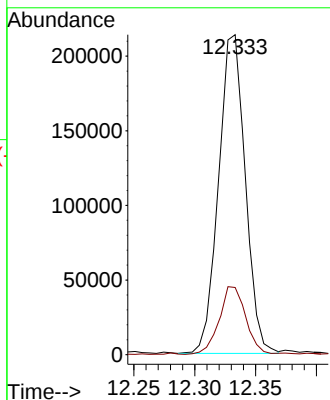
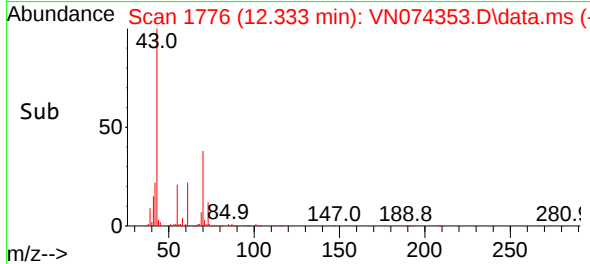
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



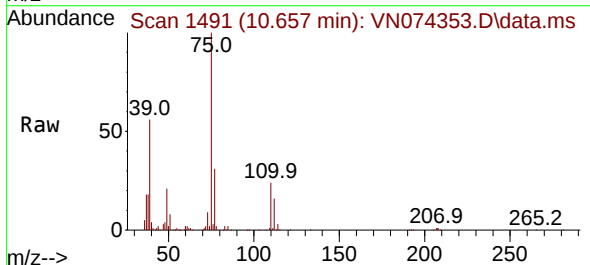
Tgt Ion: 43 Resp: 325715
Ion Ratio Lower Upper
43 100
55 21.0 19.0 28.6

Manual Integrations
APPROVED

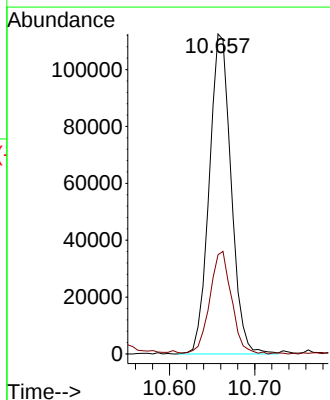
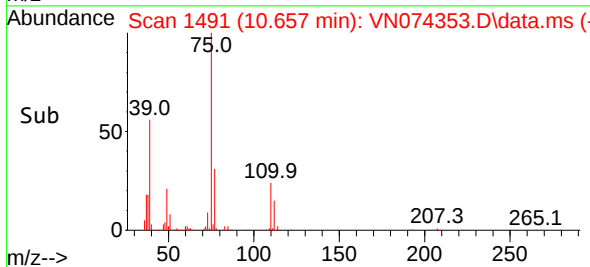
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

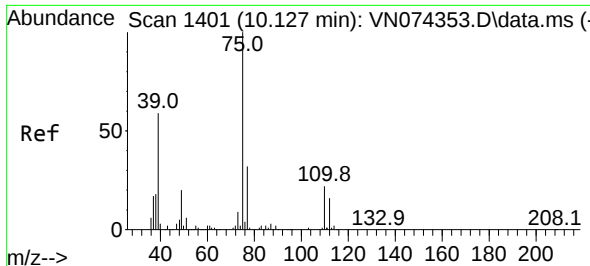


#48
t-1,3-Dichloropropene
Concen: 22.621 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



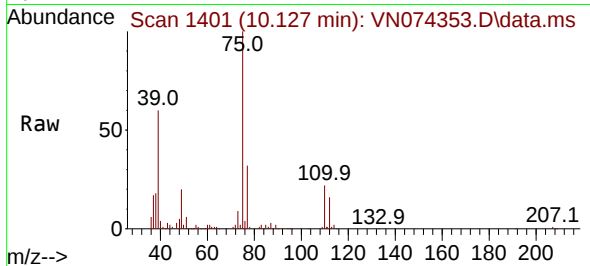
Tgt Ion: 75 Resp: 200691
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 21.554 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074353.D
 Acq: 08 Sep 2022 12:48

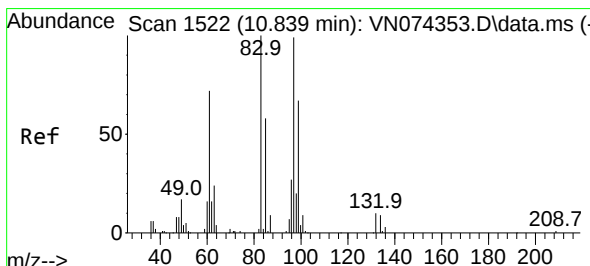
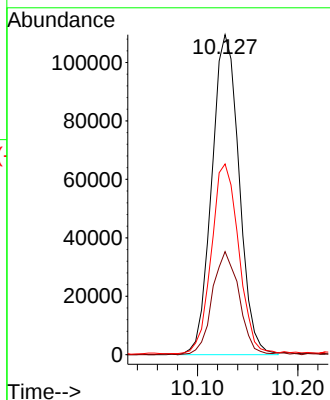
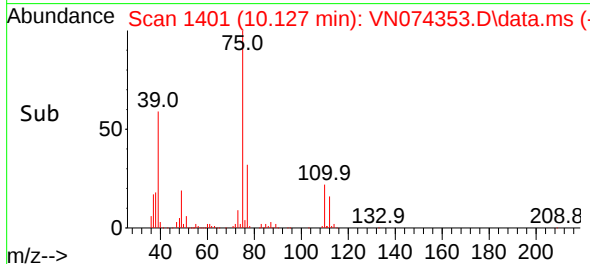
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 207209
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 59.2 46.2 69.4

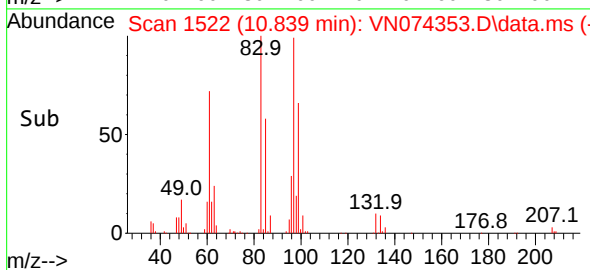
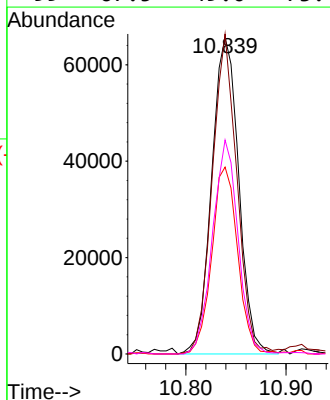
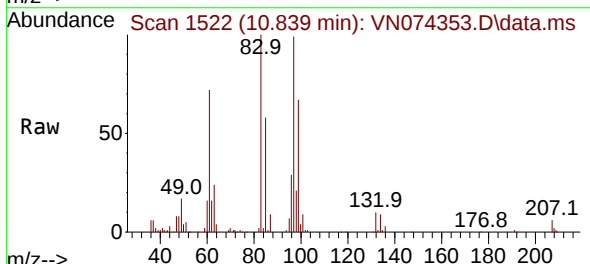
Manual Integrations
 APPROVED

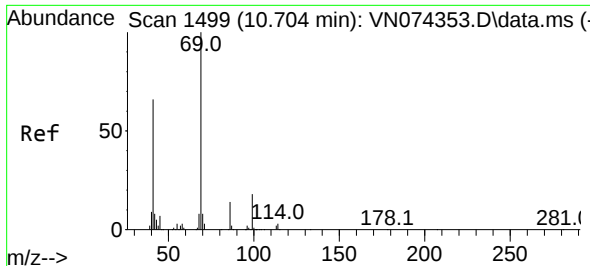
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#50
 1,1,2-Trichloroethane
 Concen: 19.605 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN074353.D
 Acq: 08 Sep 2022 12:48

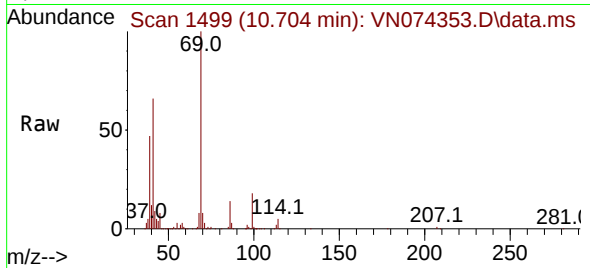
Tgt Ion: 97 Resp: 122798
 Ion Ratio Lower Upper
 97 100
 83 101.0 67.2 100.8#
 85 59.0 43.0 64.4
 99 67.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 22.541 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

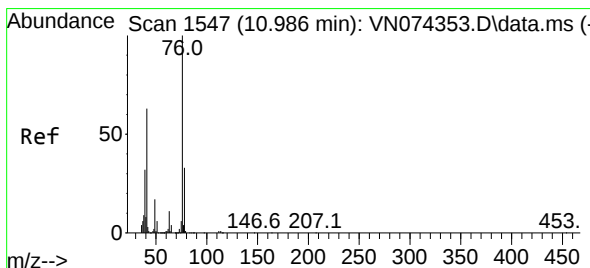
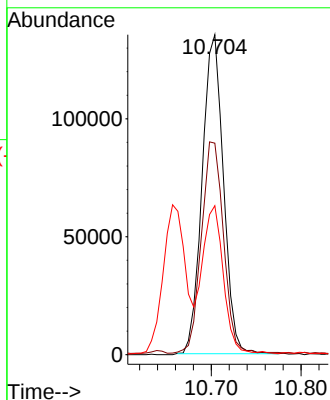
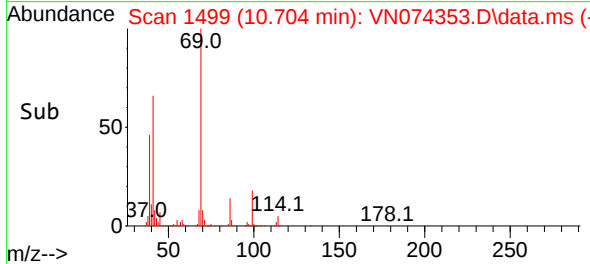
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 222378
Ion Ratio Lower Upper
69 100
41 65.6 33.0 98.9
39 46.3 25.4 76.4

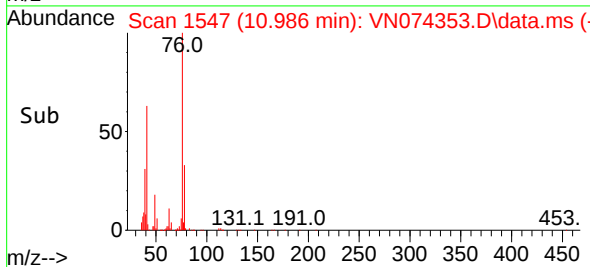
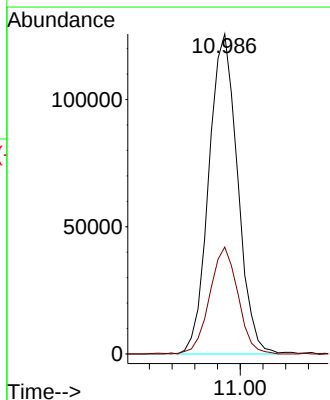
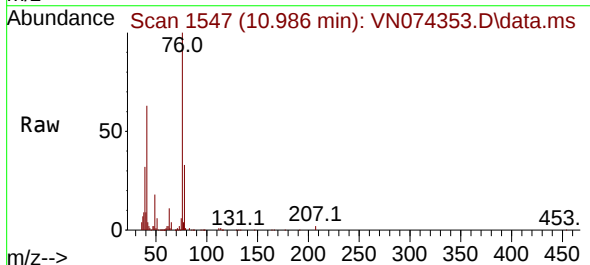
Manual Integrations
APPROVED

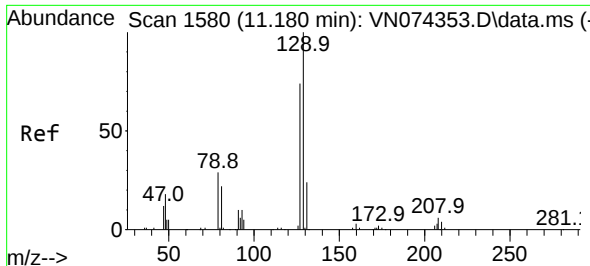
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#52
1,3-Dichloropropane
Concen: 20.680 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

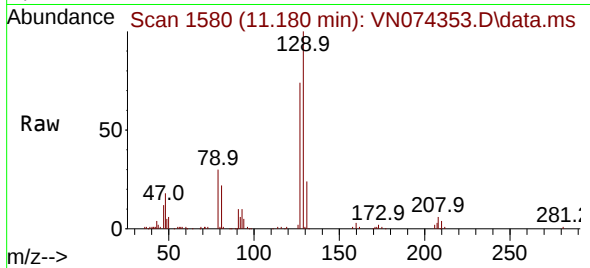
Tgt Ion: 76 Resp: 221245
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.4





#53
Dibromochloromethane
Concen: 20.578 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

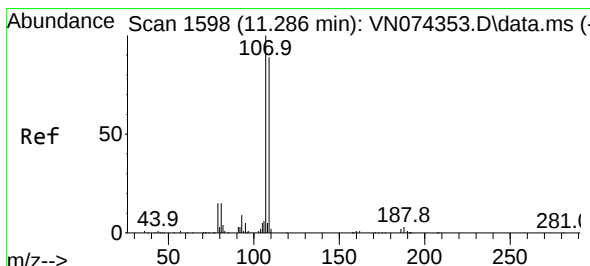
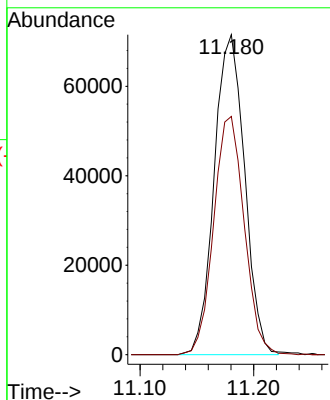
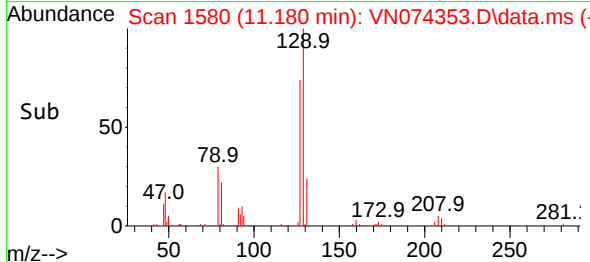
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



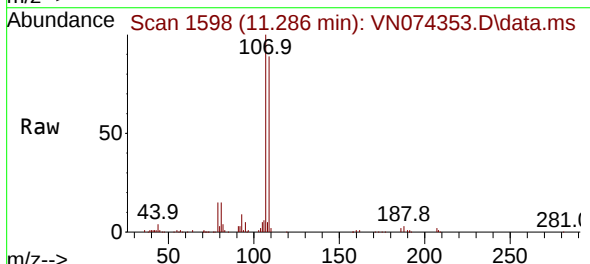
Tgt Ion:129 Resp: 132834
Ion Ratio Lower Upper
129 100
127 74.8 39.0 117.0

Manual Integrations
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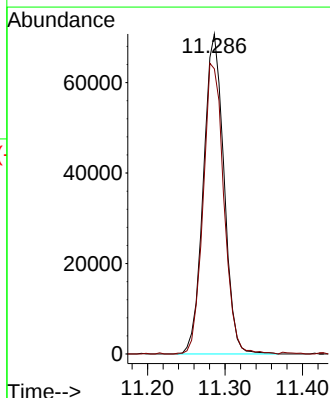
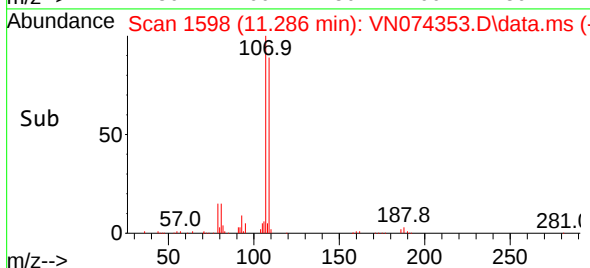
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

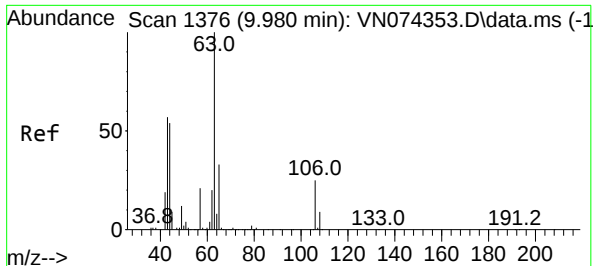


#54
1,2-Dibromoethane
Concen: 20.157 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



Tgt Ion:107 Resp: 129916
Ion Ratio Lower Upper
107 100
109 91.8 72.8 109.2





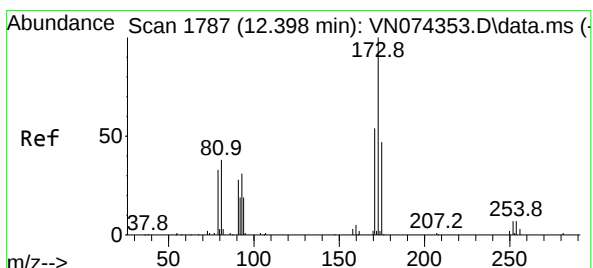
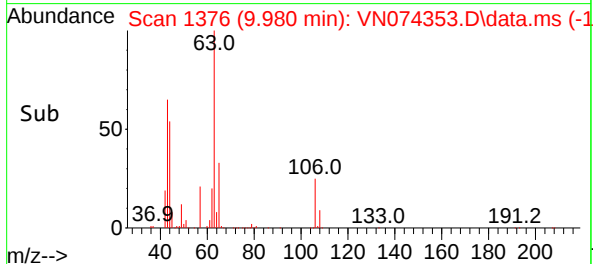
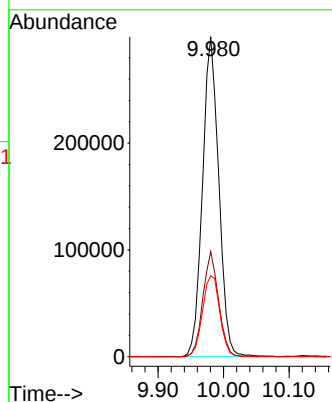
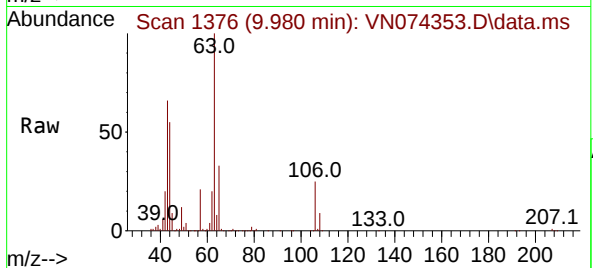
#55
2-Chloroethyl vinyl ether
Concen: 116.610 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 518584
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.0
106 26.9 23.2 34.8

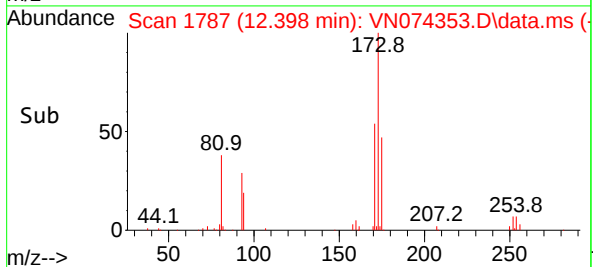
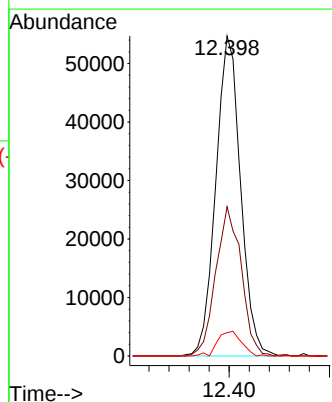
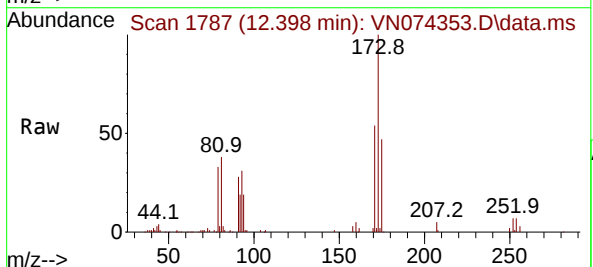
Manual Integrations
APPROVED

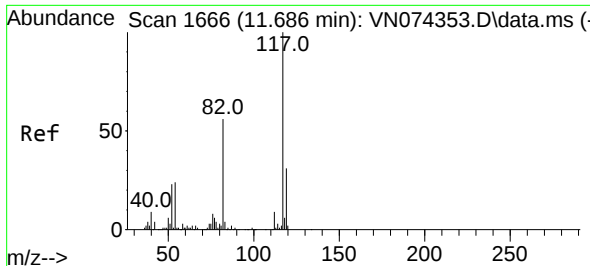
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#56
Bromoform
Concen: 18.597 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

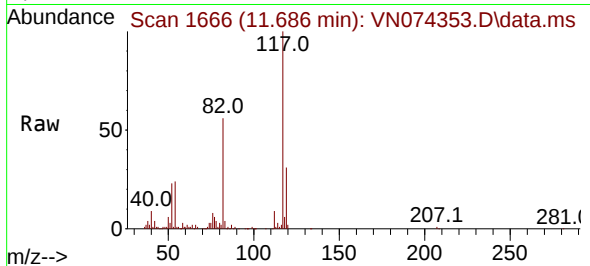
Tgt Ion:173 Resp: 93678
Ion Ratio Lower Upper
173 100
175 47.8 38.6 58.0
254 7.2 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

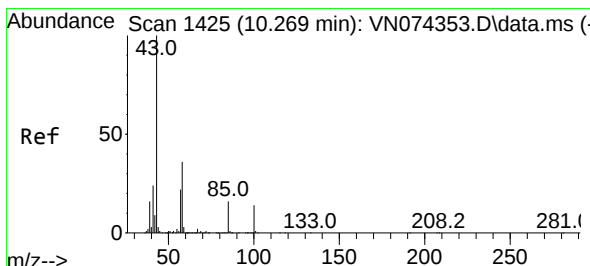
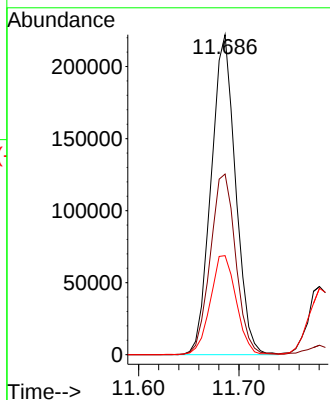
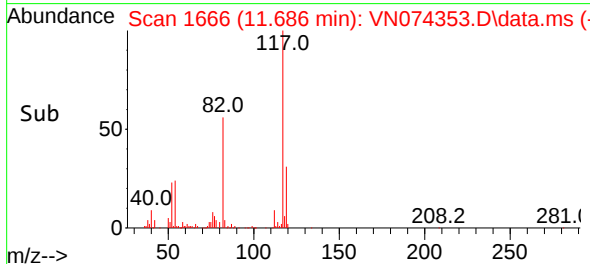
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 375011
Ion Ratio Lower Upper
117 100
82 59.0 43.6 65.4
119 32.9 25.8 38.6

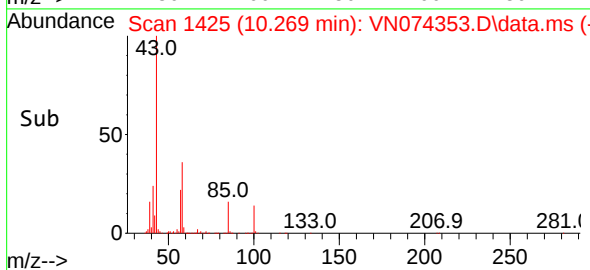
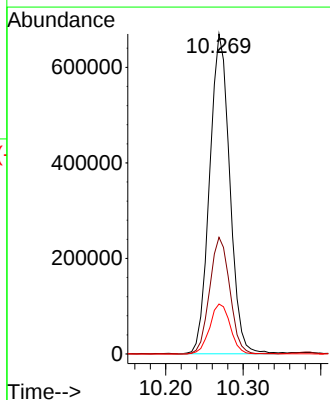
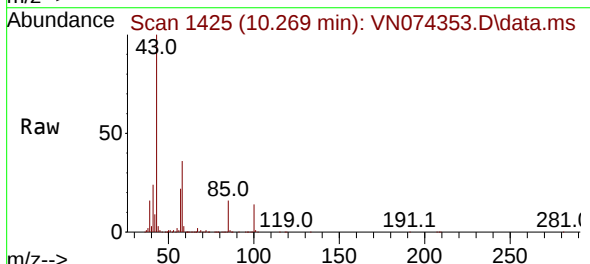
Manual Integrations
APPROVED

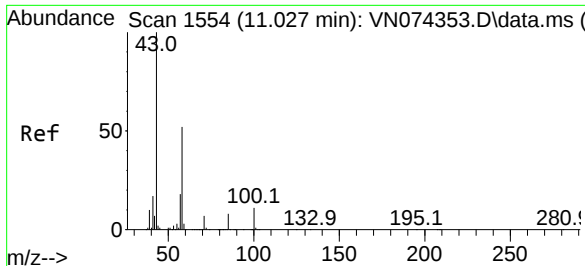
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#58
4-Methyl-2-Pentanone
Concen: 119.681 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

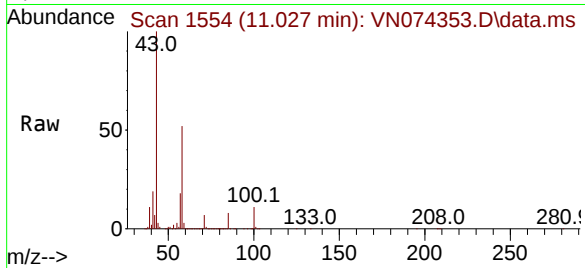
Tgt Ion: 43 Resp: 1211118
Ion Ratio Lower Upper
43 100
58 36.4 30.0 45.0
85 15.9 15.0 22.6





#59
2-Hexanone
Concen: 119.605 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

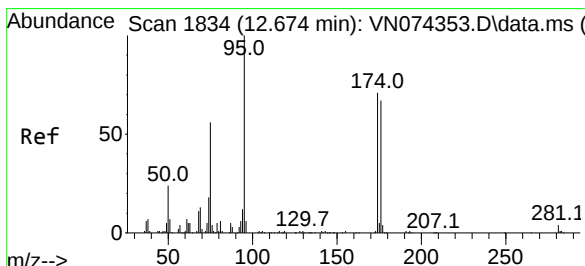
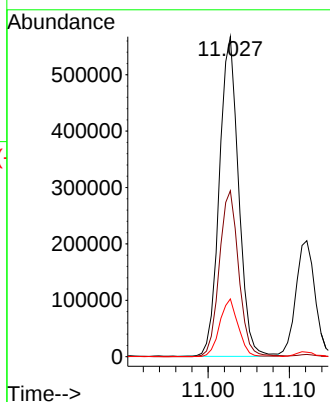
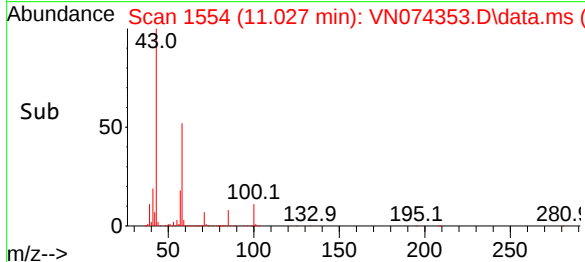
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



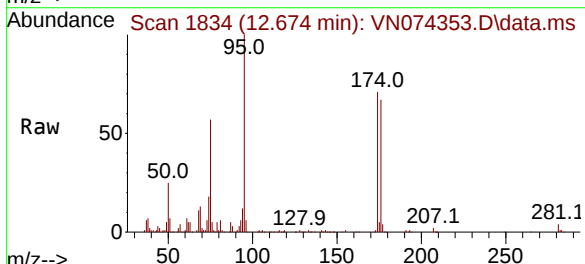
Tgt Ion: 43 Resp: 935108
Ion Ratio Lower Upper
43 100
58 52.1 42.2 63.2
57 17.4 15.0 22.4

Manual Integrations
APPROVED

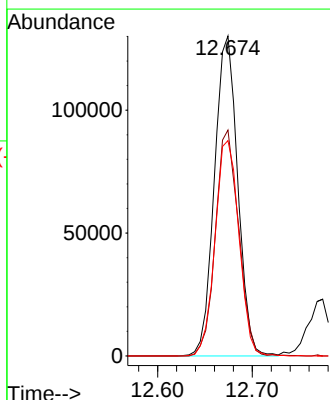
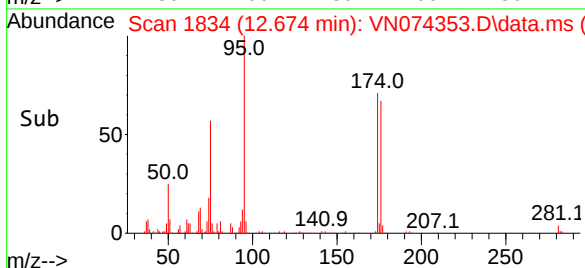
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

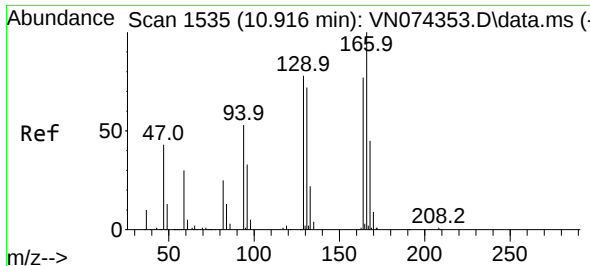


#60
4-Bromofluorobenzene
Concen: 32.677 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



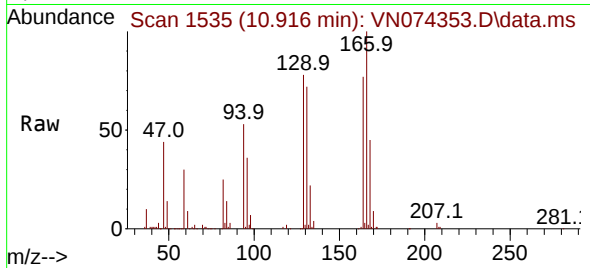
Tgt Ion: 95 Resp: 222899
Ion Ratio Lower Upper
95 100
174 70.2 62.9 94.3
176 69.0 61.0 91.4





#61
Tetrachloroethene
Concen: 16.613 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

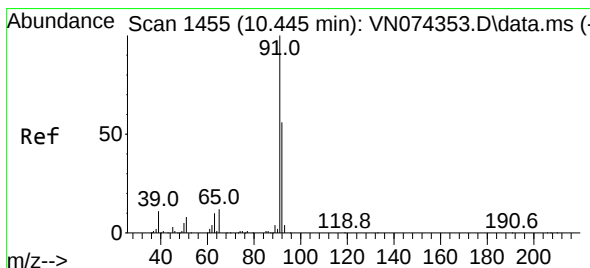
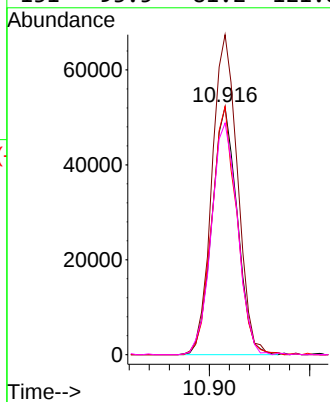
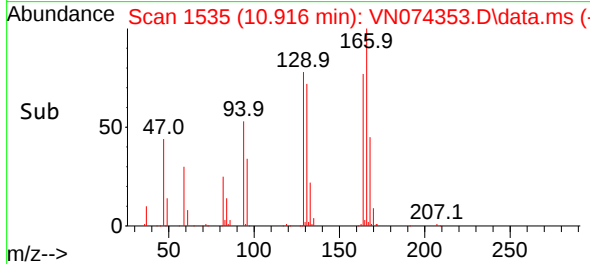
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



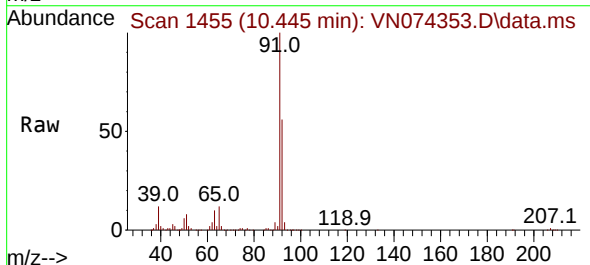
Tgt Ion:164 Resp: 91509
Ion Ratio Lower Upper
164 100
166 129.2 105.8 158.8
129 100.2 82.5 123.7
131 93.5 81.2 121.8

Manual Integrations
APPROVED

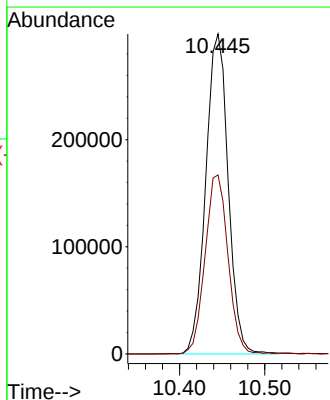
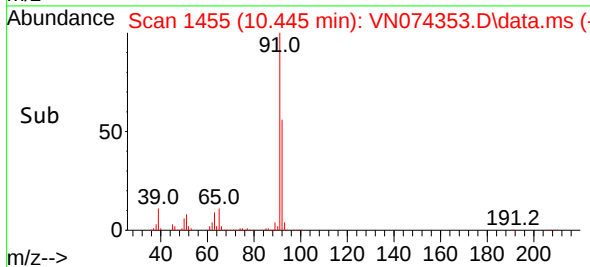
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

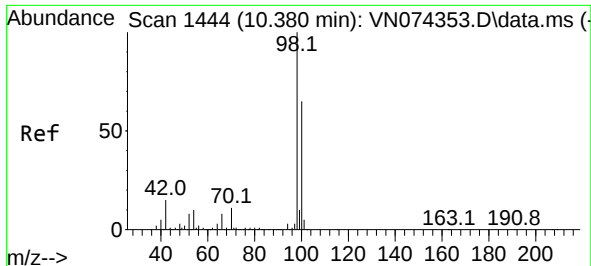


#62
Toluene
Concen: 20.795 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



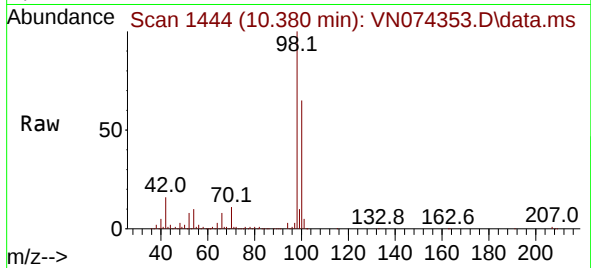
Tgt Ion: 91 Resp: 546805
Ion Ratio Lower Upper
91 100
92 56.8 44.6 67.0





#63
Toluene-d8
Concen: 30.494 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

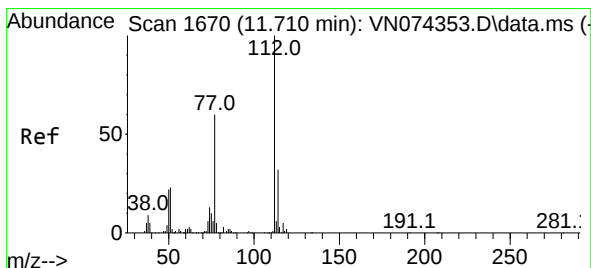
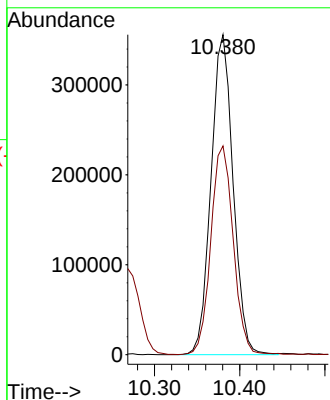
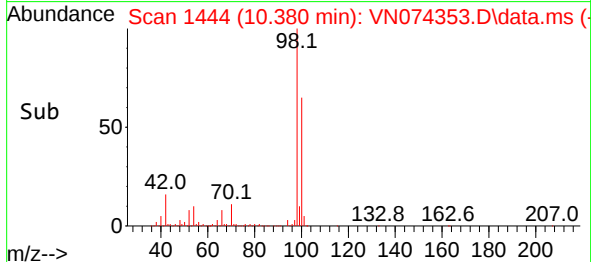
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



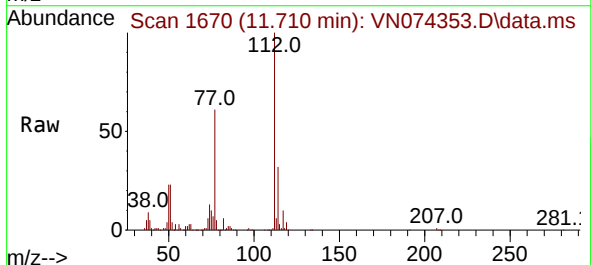
Tgt Ion: 98 Resp: 64074
Ion Ratio Lower Upper
98 100
100 66.2 50.6 76.0

Manual Integrations
APPROVED

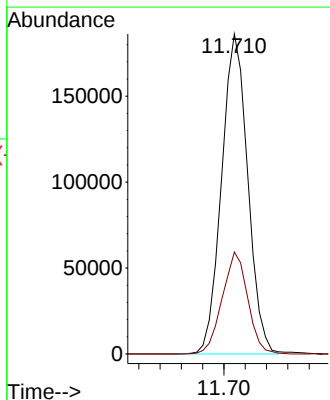
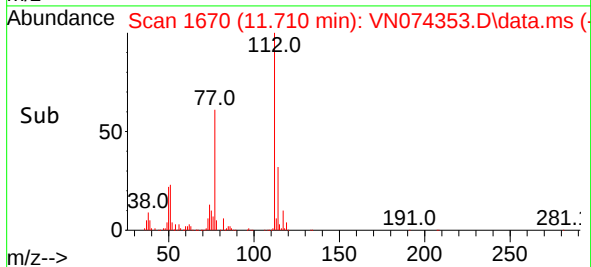
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

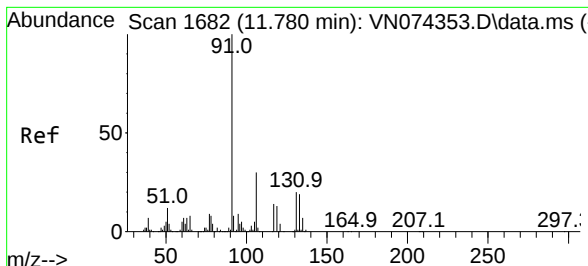


#64
Chlorobenzene
Concen: 20.182 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



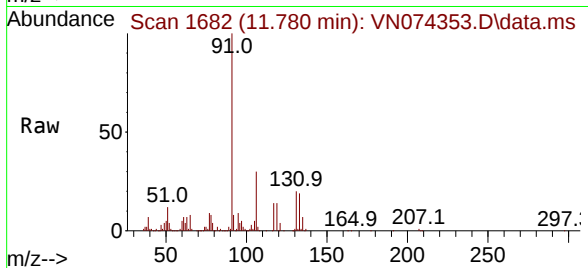
Tgt Ion:112 Resp: 317688
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.956 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

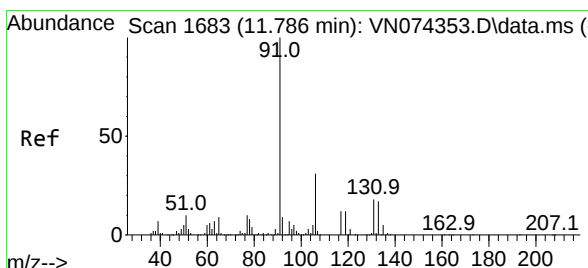
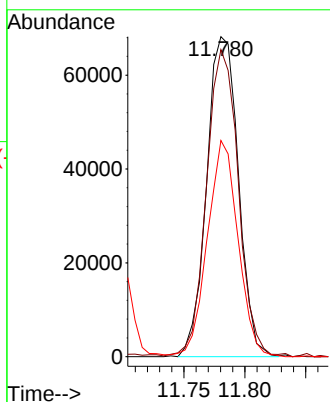
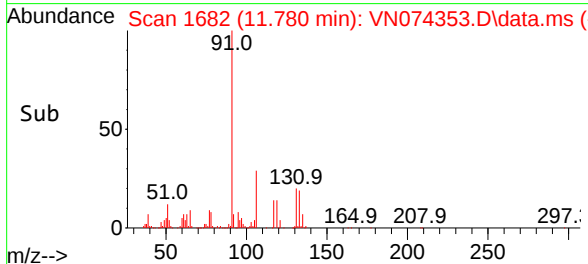
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



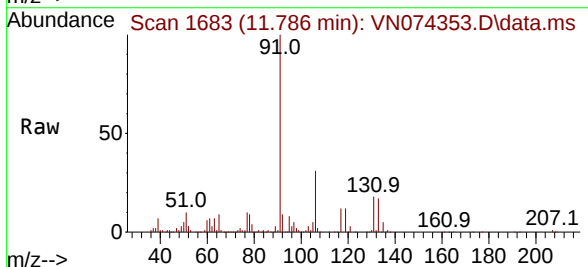
Tgt Ion:131 Resp: 123640
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.2
119 65.2 0.0 128.8

Manual Integrations
APPROVED

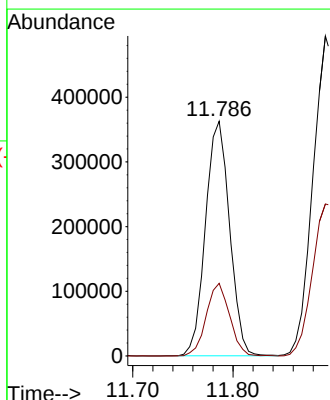
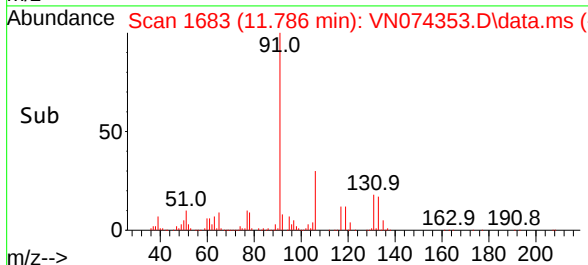
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

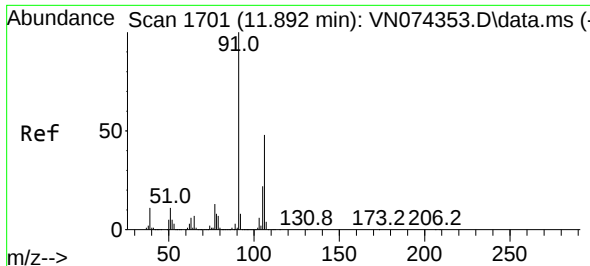


#66
Ethyl Benzene
Concen: 21.261 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



Tgt Ion: 91 Resp: 606422
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





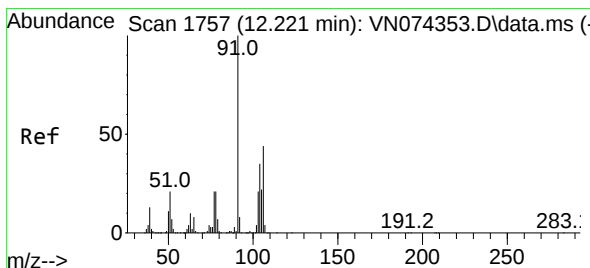
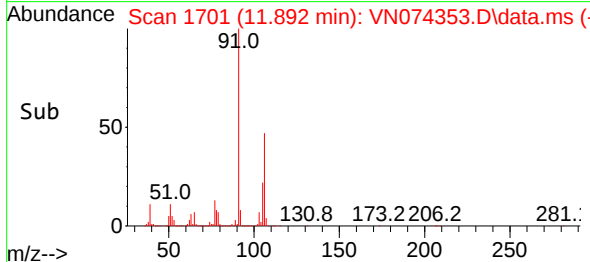
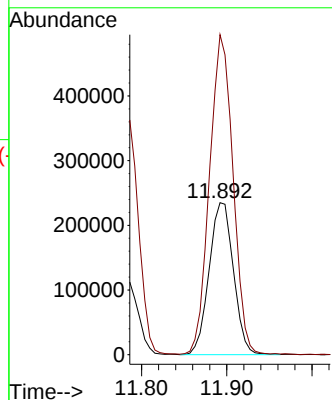
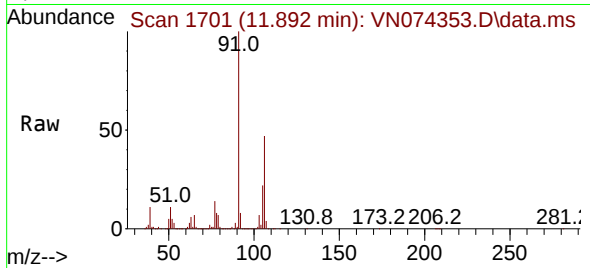
#67
m/p-Xylenes
Concen: 42.840 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 46640
Ion Ratio Lower Upper
106 100
91 202.5 162.9 244.3

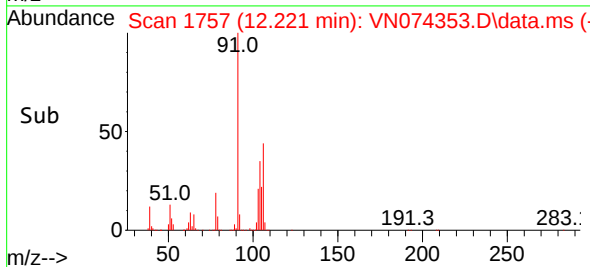
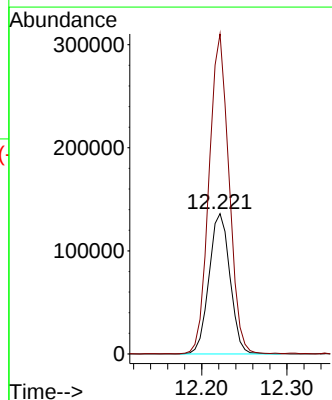
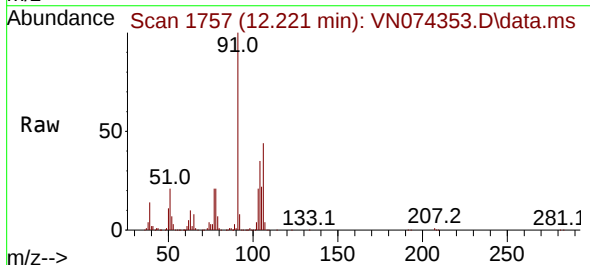
Manual Integrations
APPROVED

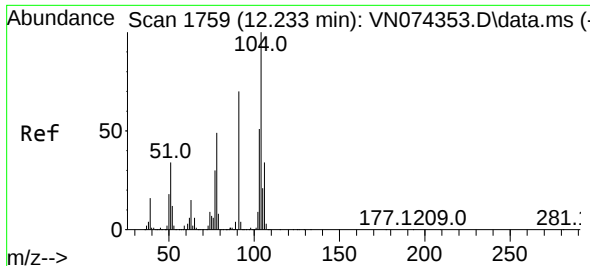
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#68
o-Xylene
Concen: 21.446 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

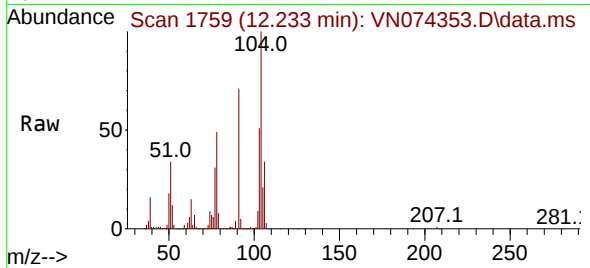
Tgt Ion:106 Resp: 233036
Ion Ratio Lower Upper
106 100
91 216.7 107.7 323.1





#69
Styrene
Concen: 20.957 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

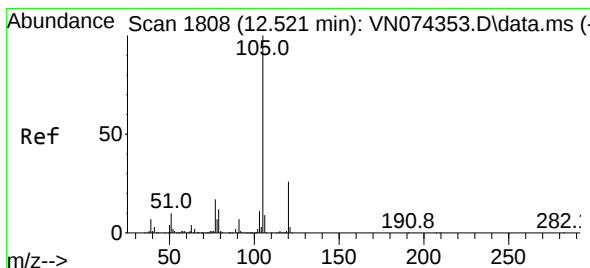
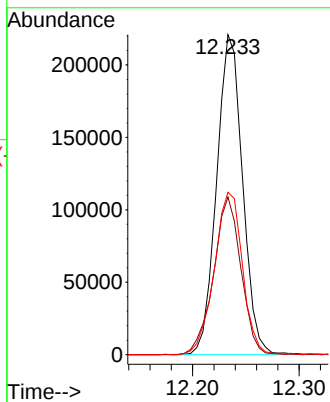
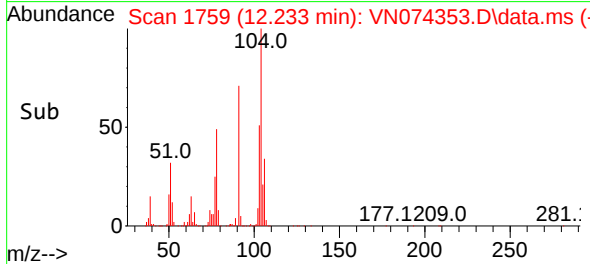
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



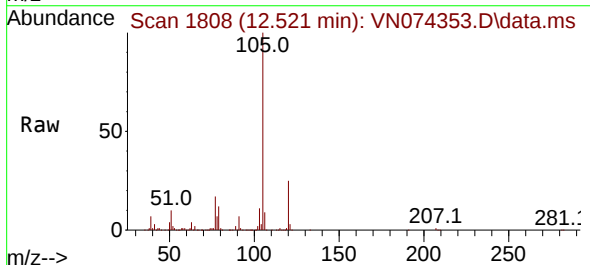
Tgt Ion:104 Resp: 37249
Ion Ratio Lower Upper
104 100
78 52.1 40.7 61.1
103 55.3 45.8 68.8

Manual Integrations
APPROVED

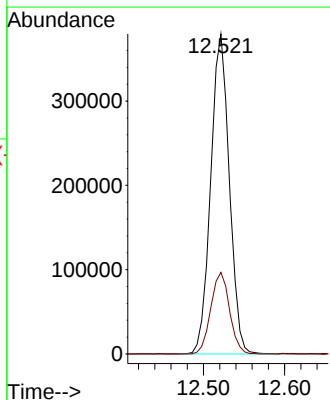
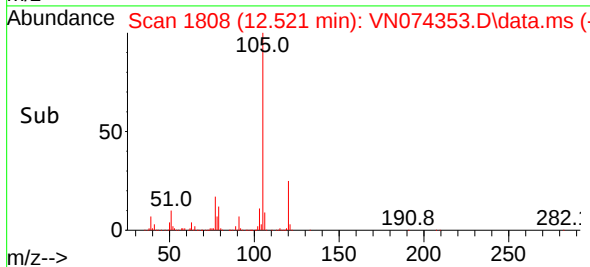
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

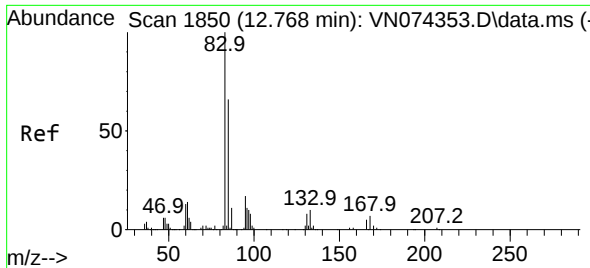


#70
Isopropylbenzene
Concen: 21.720 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



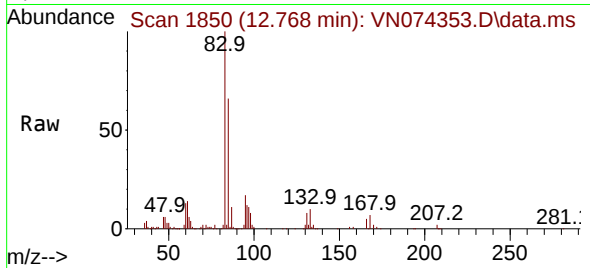
Tgt Ion:105 Resp: 604156
Ion Ratio Lower Upper
105 100
120 25.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.783 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

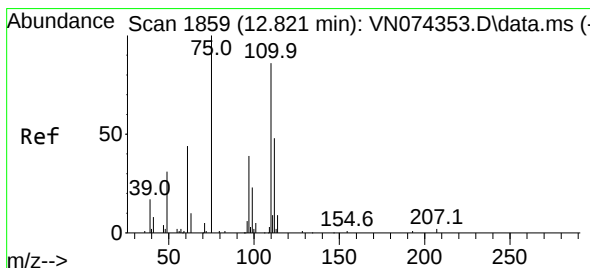
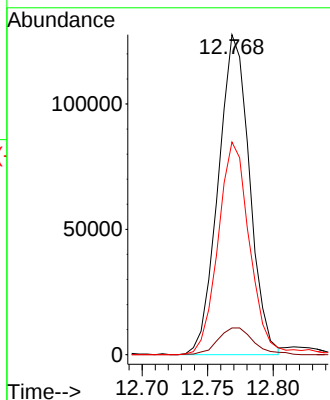
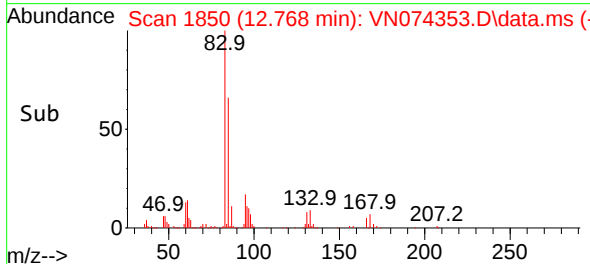
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 211772
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 67.0 33.1 99.2

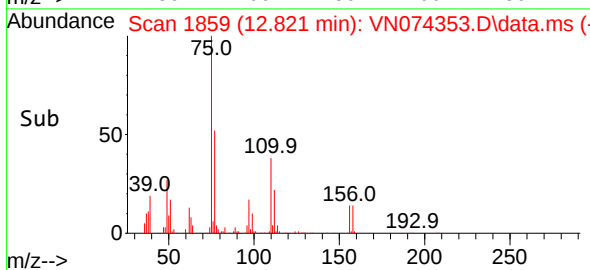
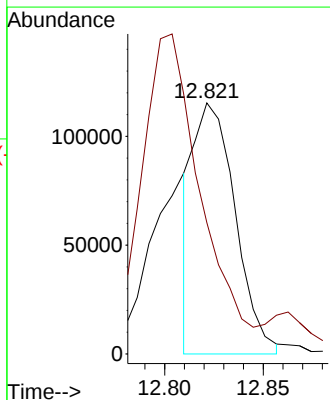
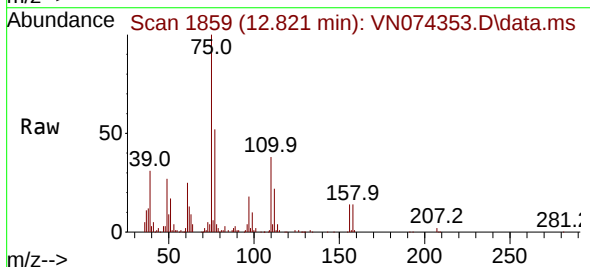
Manual Integrations
APPROVED

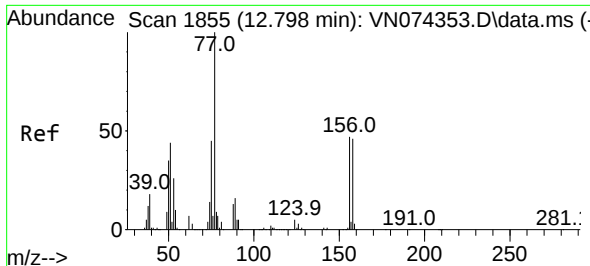
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#72
1,2,3-Trichloropropane
Concen: 19.999 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

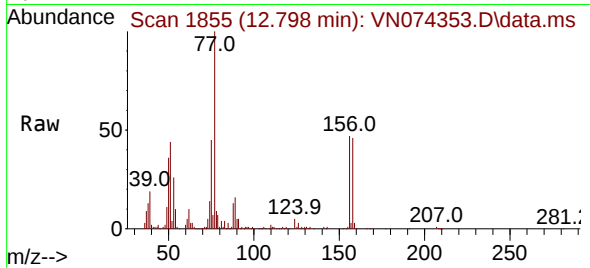
Tgt Ion: 75 Resp: 170410
Ion Ratio Lower Upper
75 100
77 180.9 0.0 378.0





#73
Bromobenzene
Concen: 18.631 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

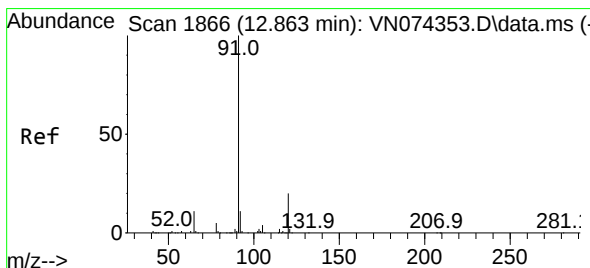
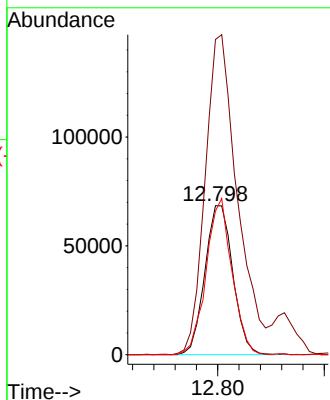
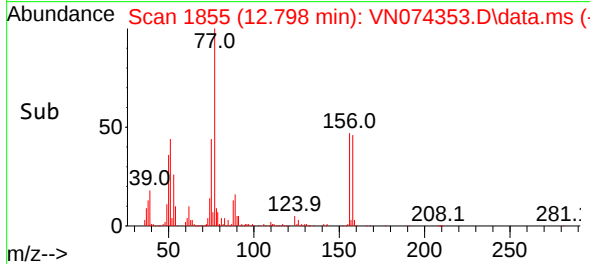
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



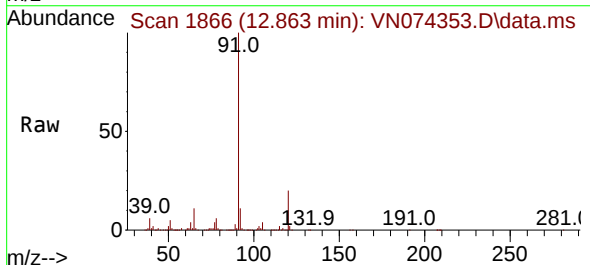
Tgt Ion:156 Resp: 124830
Ion Ratio Lower Upper
156 100
77 247.0 0.0 416.0
158 97.0 0.0 195.4

Manual Integrations
APPROVED

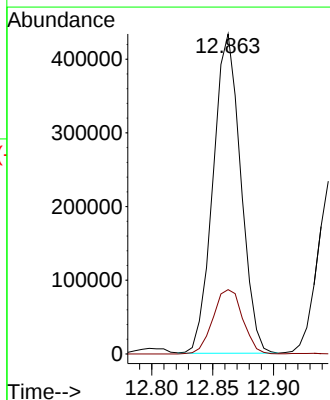
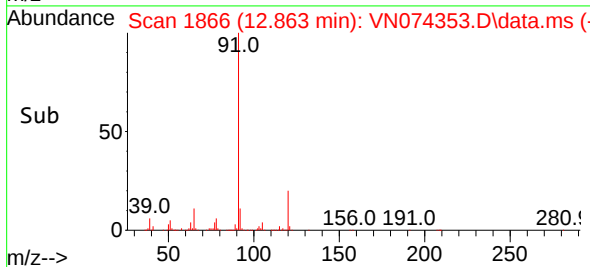
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

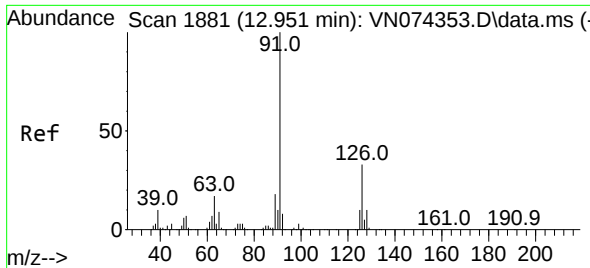


#74
n-propylbenzene
Concen: 21.234 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



Tgt Ion: 91 Resp: 685434
Ion Ratio Lower Upper
91 100
120 21.6 0.0 45.0





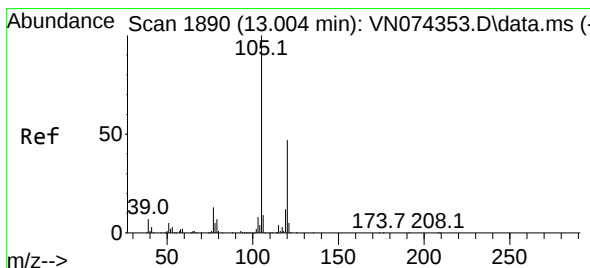
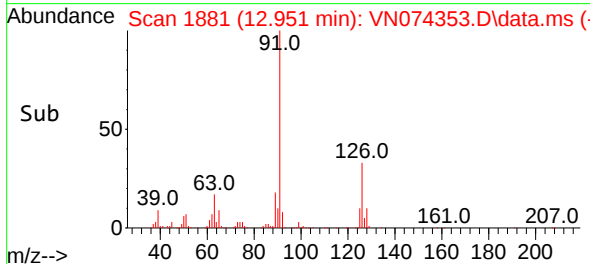
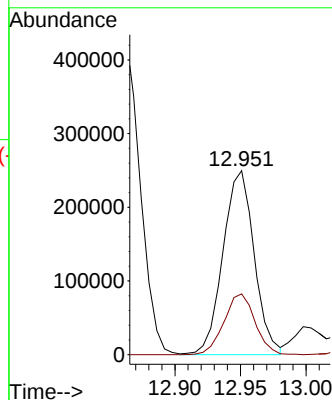
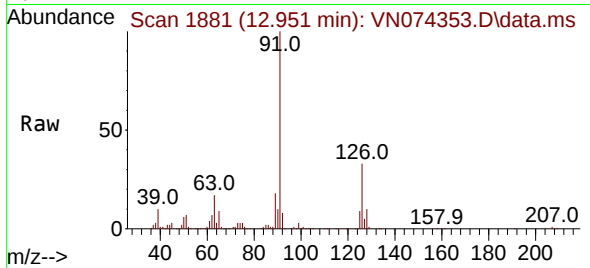
#75
2-Chlorotoluene
Concen: 21.456 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 41394
Ion Ratio Lower Upper
91 100
126 32.8 0.0 69.8

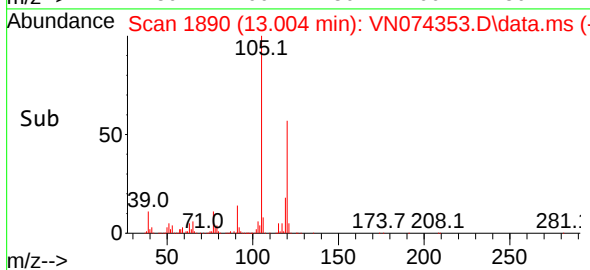
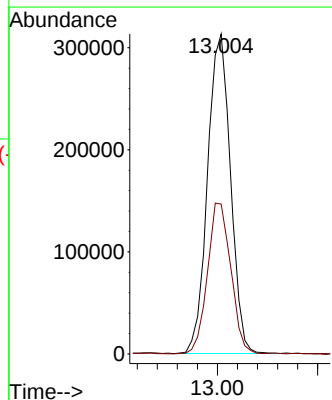
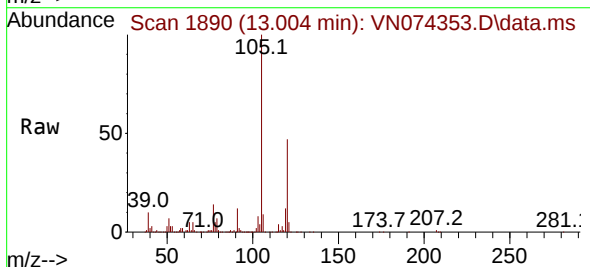
Manual Integrations
APPROVED

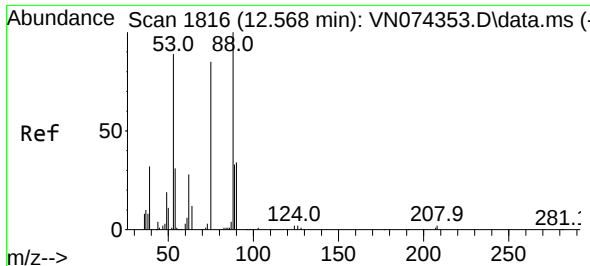
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#76
1,3,5-Trimethylbenzene
Concen: 21.498 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

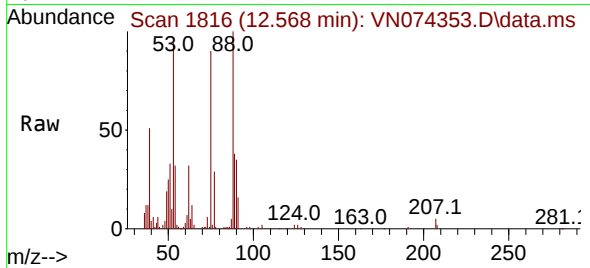
Tgt Ion:105 Resp: 498093
Ion Ratio Lower Upper
105 100
120 48.2 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 24.270 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

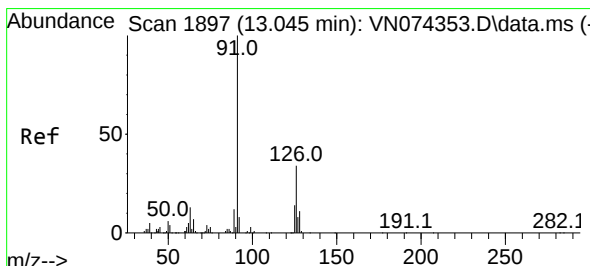
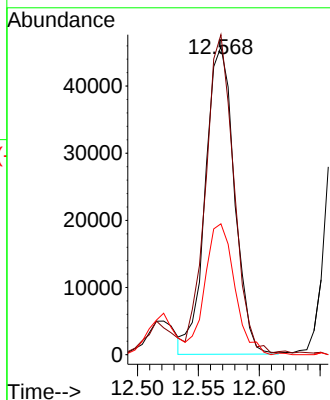
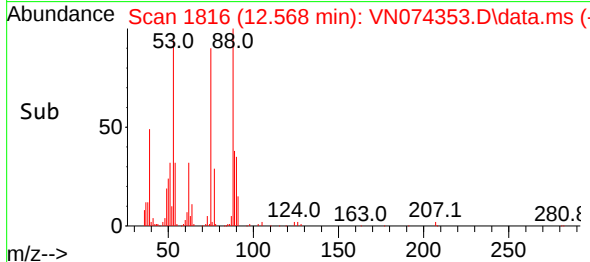
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 75934
Ion Ratio Lower Upper
75 100
53 103.5 51.8 155.5
89 42.3 22.9 68.7

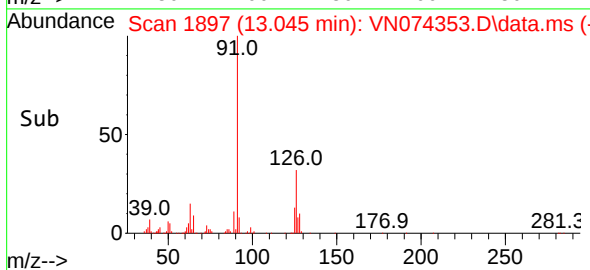
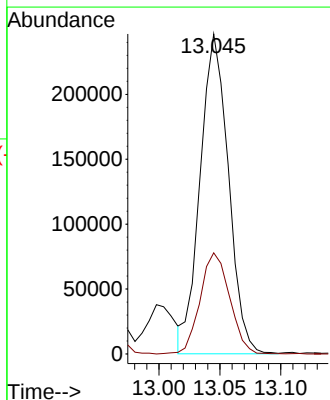
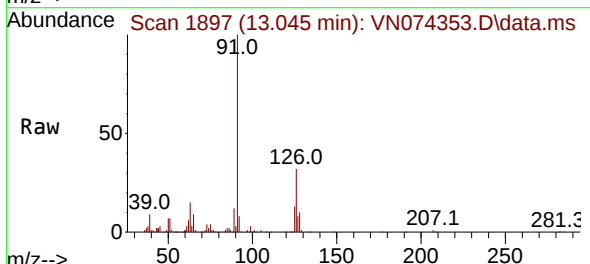
Manual Integrations
APPROVED

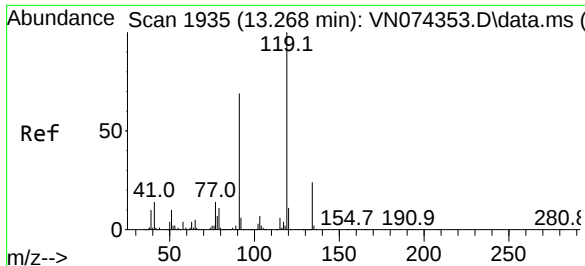
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#78
4-Chlorotoluene
Concen: 21.360 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

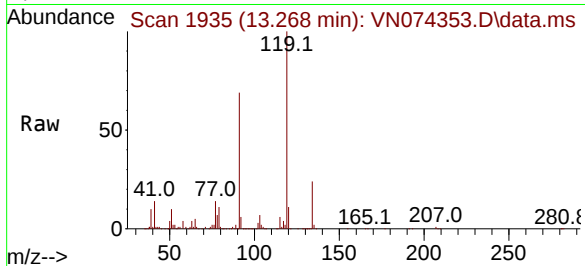
Tgt Ion: 91 Resp: 397424
Ion Ratio Lower Upper
91 100
126 33.0 0.0 70.6





#79
tert-butylbenzene
Concen: 22.012 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

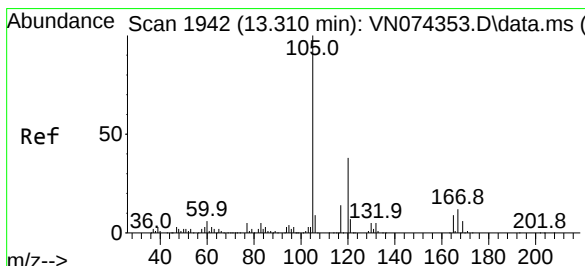
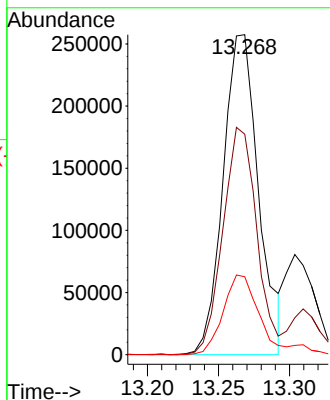
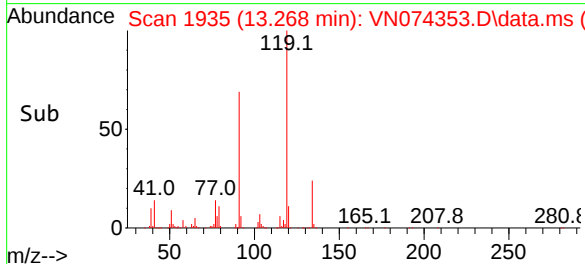
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



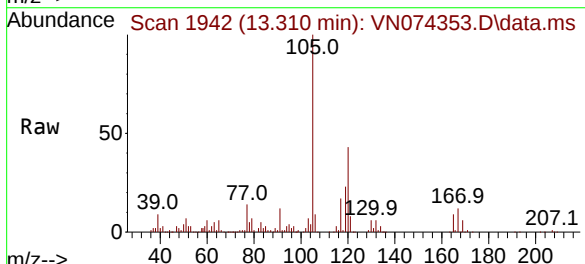
Tgt Ion:119 Resp: 447274
Ion Ratio Lower Upper
119 100
91 67.9 0.0 137.0
134 24.8 0.0 47.6

Manual Integrations
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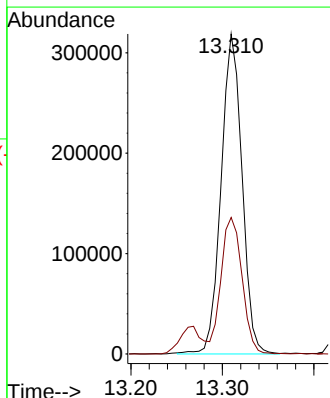
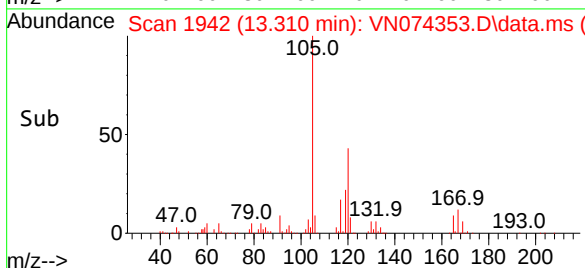
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

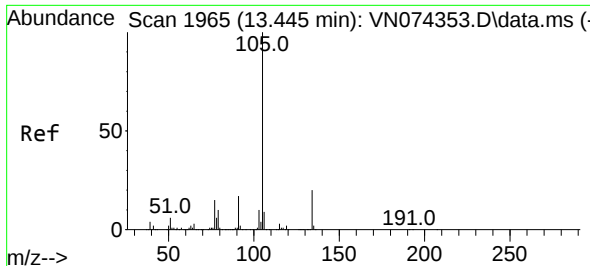


#80
1,2,4-Trimethylbenzene
Concen: 21.961 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



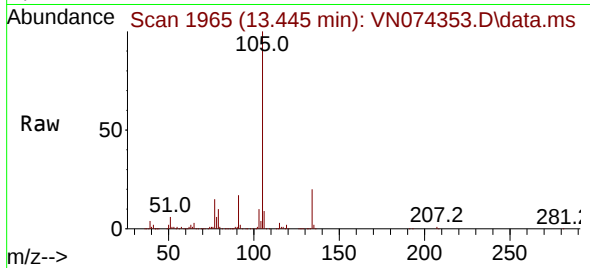
Tgt Ion:105 Resp: 506875
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 20.853 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074353.D
 Acq: 08 Sep 2022 12:48

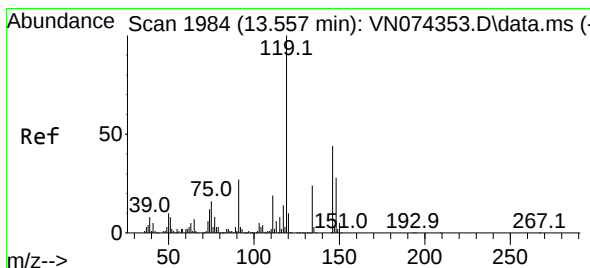
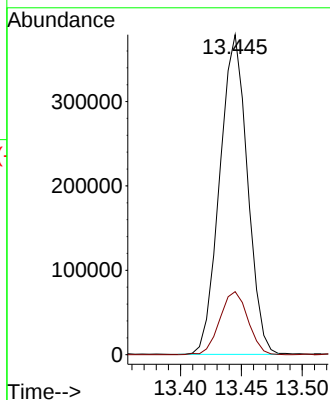
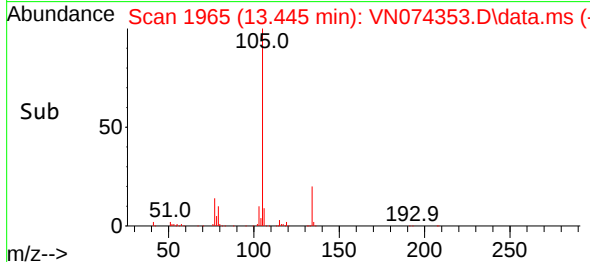
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion:105 Resp: 599982
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4

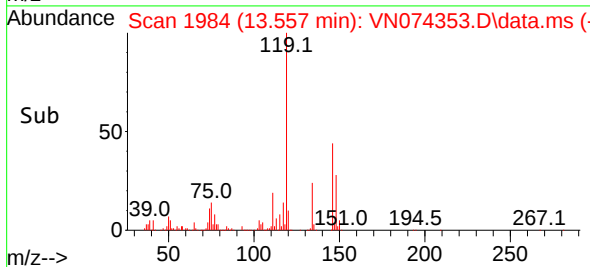
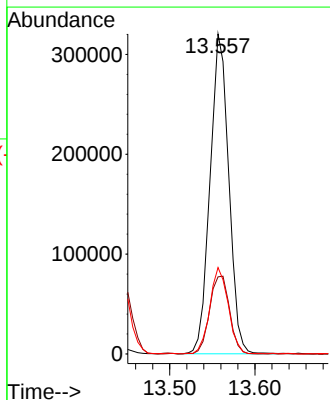
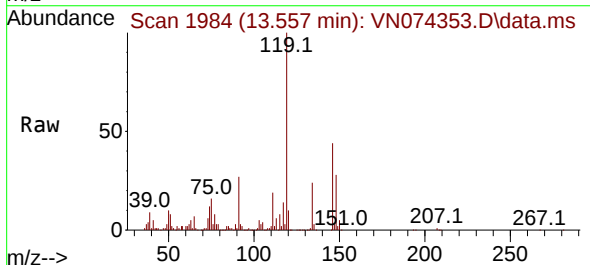
Manual Integrations
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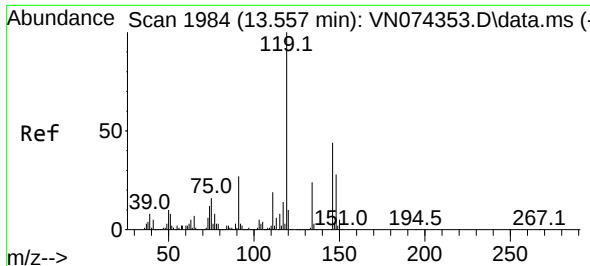
Reviewed By :John Carlone 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022



#82
 p-Isopropyltoluene
 Concen: 20.644 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074353.D
 Acq: 08 Sep 2022 12:48

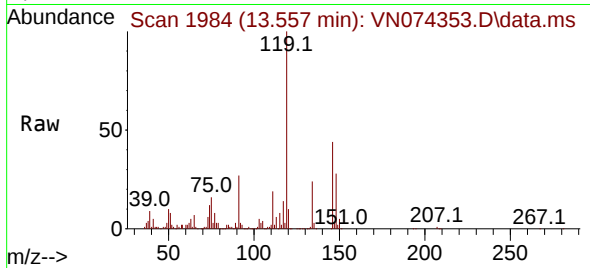
Tgt Ion:119 Resp: 488417
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 26.6 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.784 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

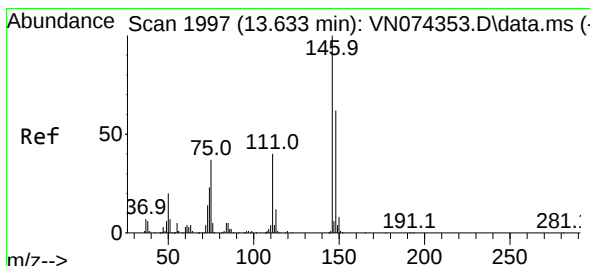
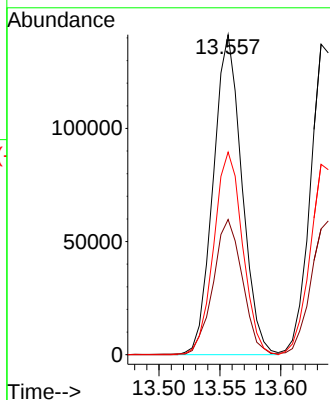
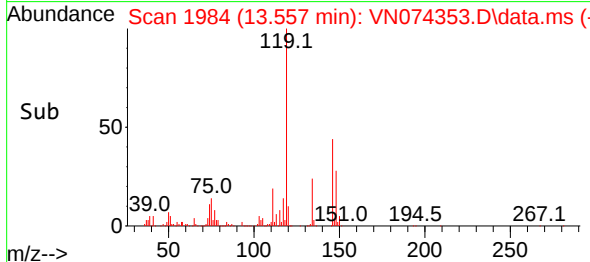
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



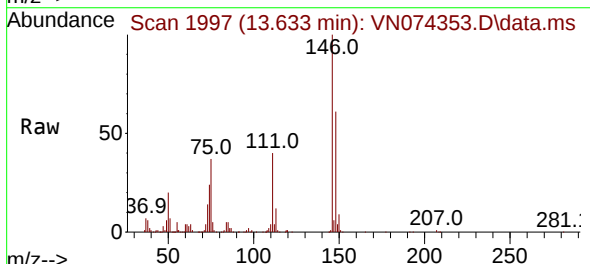
Tgt Ion:146 Resp: 231127
Ion Ratio Lower Upper
146 100
111 42.9 20.8 62.2
148 63.7 31.4 94.3

Manual Integrations
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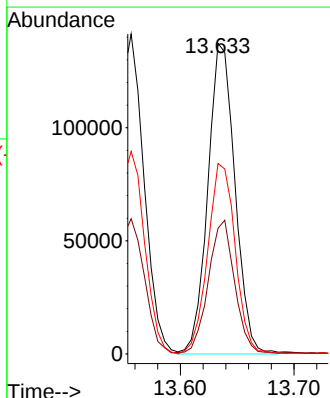
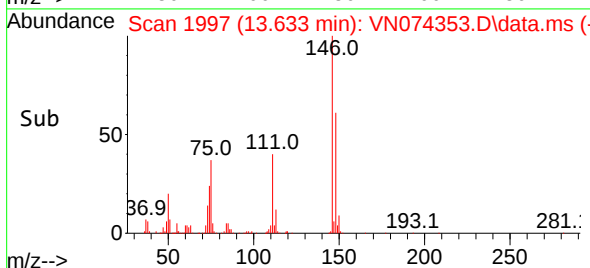
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

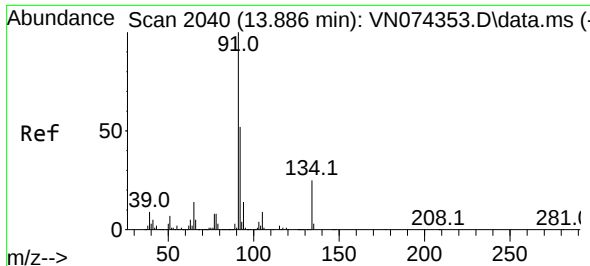


#84
1,4-Dichlorobenzene
Concen: 19.165 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48



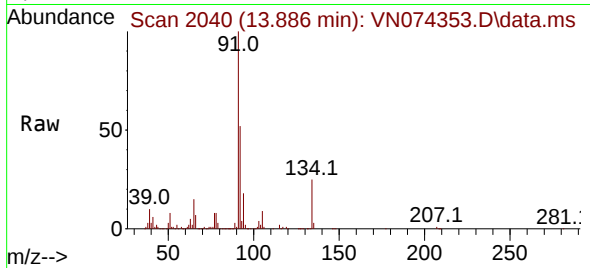
Tgt Ion:146 Resp: 228052
Ion Ratio Lower Upper
146 100
111 41.7 19.5 58.5
148 62.3 31.1 93.5





#85
n-Butylbenzene
Concen: 21.590 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

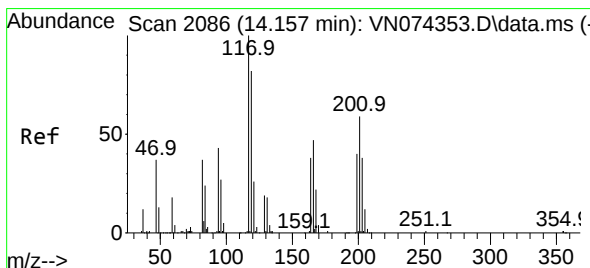
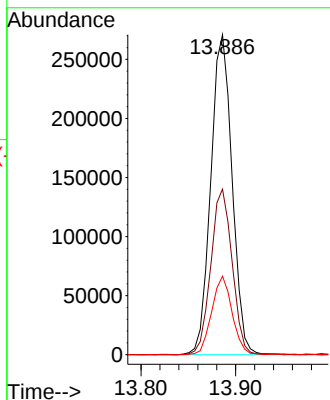
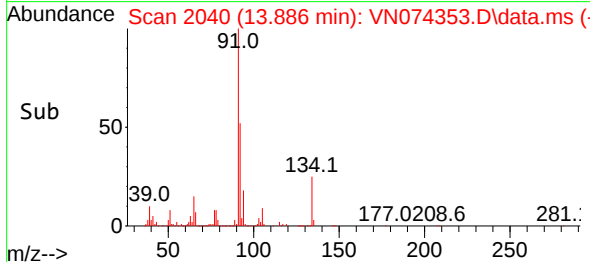
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 42404
Ion Ratio Lower Upper
91 100
92 51.6 0.0 100.6
134 23.5 0.0 50.2

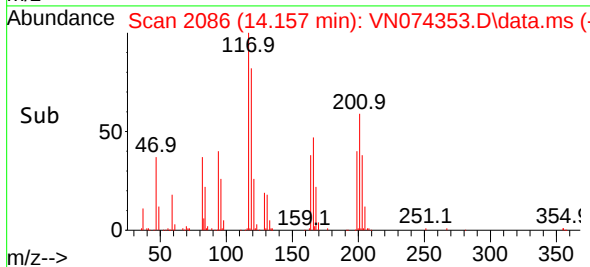
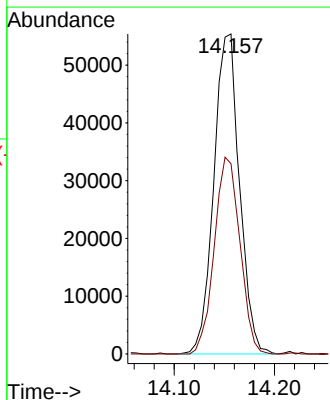
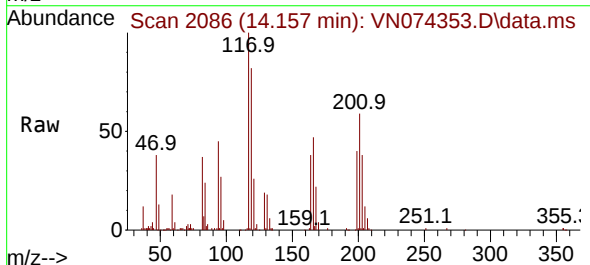
Manual Integrations
APPROVED

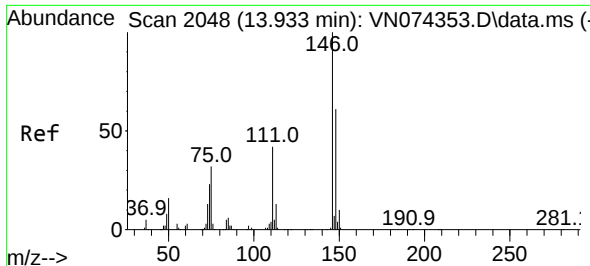
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#86
Hexachloroethane
Concen: 22.246 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

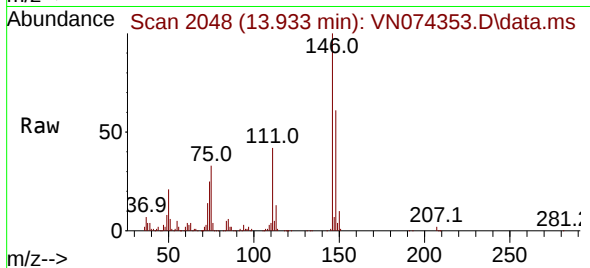
Tgt Ion:117 Resp: 98594
Ion Ratio Lower Upper
117 100
201 61.3 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.519 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

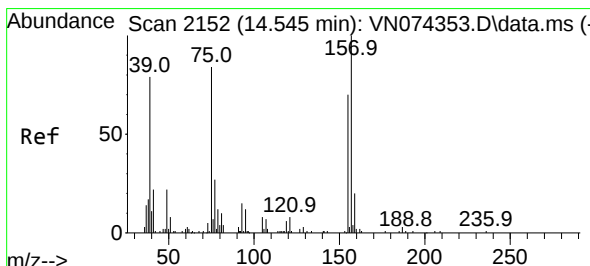
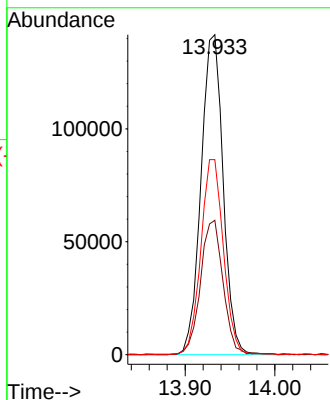
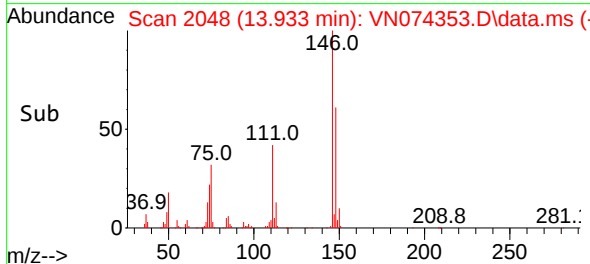
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 242790
Ion Ratio Lower Upper
146 100
111 42.7 21.4 64.2
148 62.2 32.5 97.4

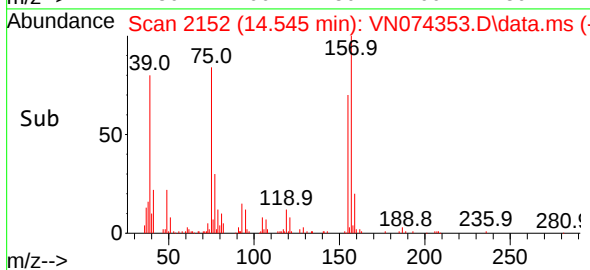
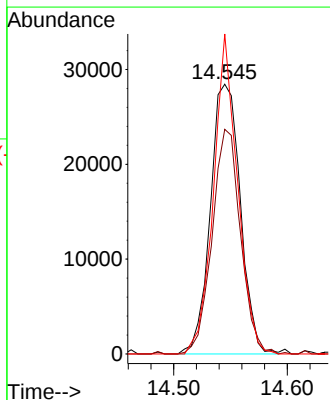
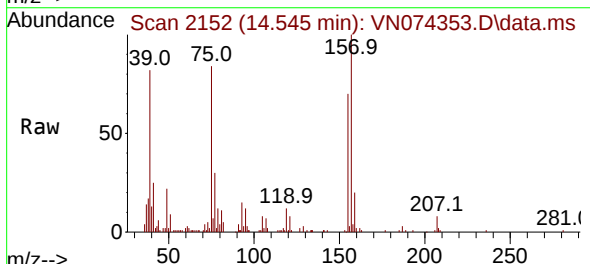
Manual Integrations
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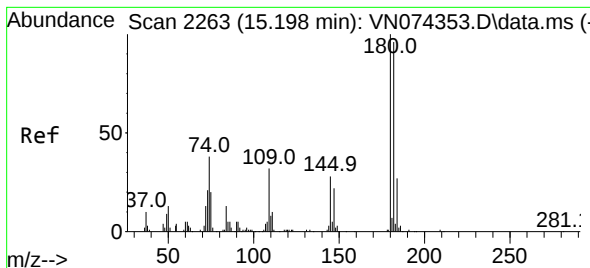
Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 23.734 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Tgt Ion: 75 Resp: 52132
Ion Ratio Lower Upper
75 100
155 78.9 63.8 95.8
157 95.3 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 17.574 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:180 Resp: 121272

Ion Ratio Lower Upper

180 100

182 93.6 77.7 116.5

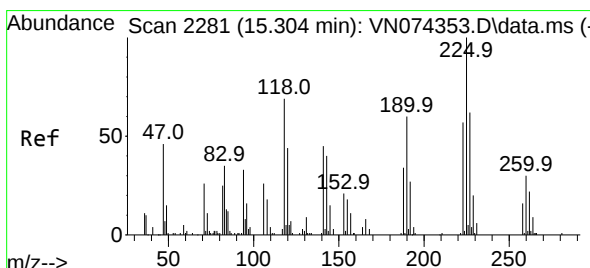
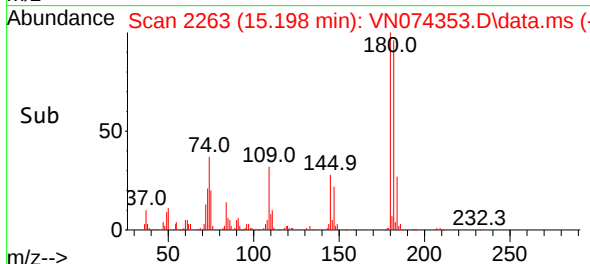
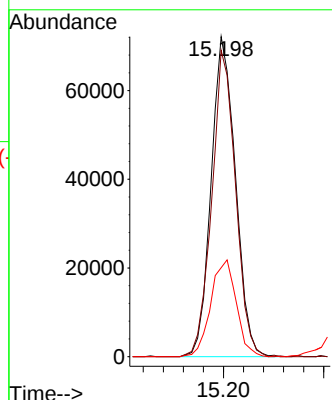
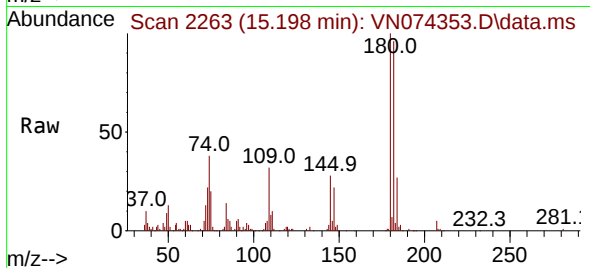
145 31.8 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2022

Supervised By :Mahesh Dadoda 09/09/2022



#90

Hexachlorobutadiene

Concen: 16.069 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. 0.000 min

Lab File: VN074353.D

Acq: 08 Sep 2022 12:48

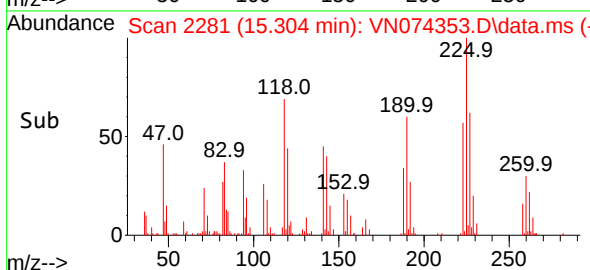
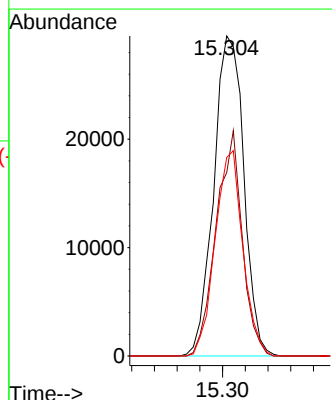
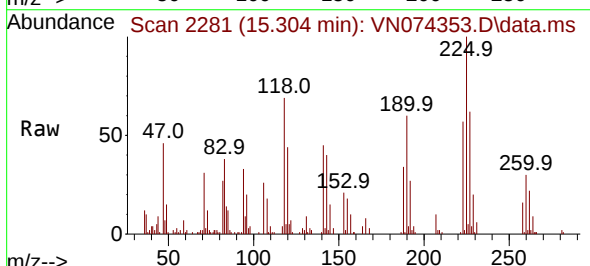
Tgt Ion:225 Resp: 54325

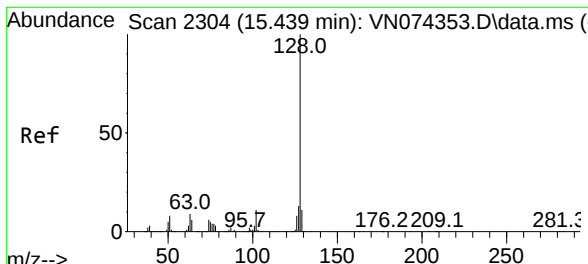
Ion Ratio Lower Upper

225 100

223 60.9 0.0 126.8

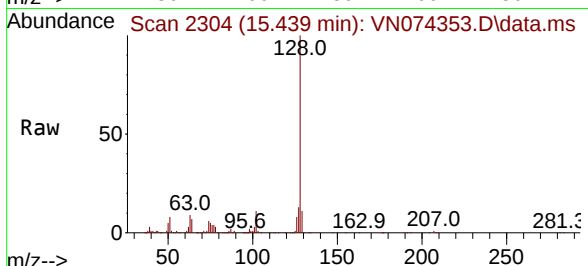
227 59.1 0.0 123.0





#91
Naphthalene
Concen: 21.304 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

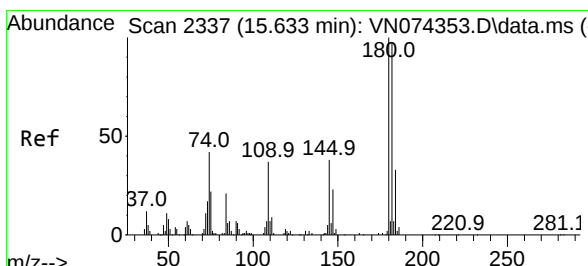
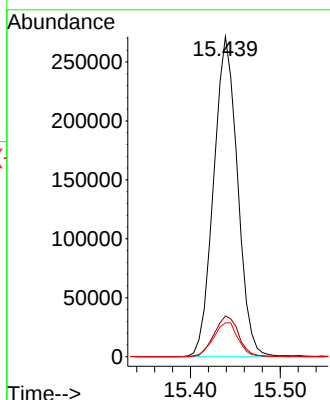
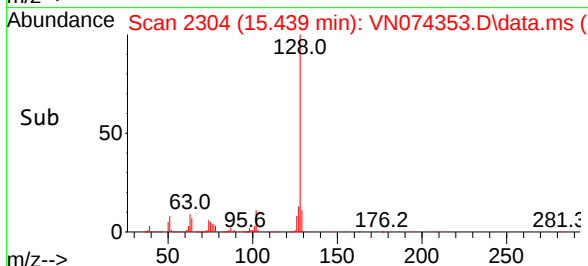
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:	128	Resp:	50151
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.7	16.1
129	11.1	9.0	13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.297 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074353.D
Acq: 08 Sep 2022 12:48

Tgt Ion:	180	Resp:	120950
Ion Ratio	Lower	Upper	
180	100		
182	97.2	0.0	190.0
145	35.6	0.0	67.8

