

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073605.D
 Acq On : 27 Jul 2022 14:04
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072722

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

Quant Time: Jul 27 18:09:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.581	128	59624	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	327718	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	302832	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	155982	30.257	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.867%			
60) 4-Bromofluorobenzene	12.674	95	159581	29.761	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.200%			
63) Toluene-d8	10.380	98	513177	30.095	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.333%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	87357	21.555	ug/l	98
3) Chloromethane	2.269	50	118625	22.139	ug/l	98
4) Vinyl Chloride	2.404	62	139874	21.269	ug/l	99
5) Bromomethane	2.810	94	92059	27.554	ug/l	96
6) Chloroethane	2.969	64	92205	20.694	ug/l	99
7) Trichlorofluoromethane	3.316	101	141143	21.820	ug/l	93
8) Diethyl Ether	3.769	74	55219	21.214	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.146	101	85992m	22.051	ug/l	
10) 1,1-Dichloroethene	4.116	96	80122	21.464	ug/l	98
11) Methyl Iodide	4.346	142	77015	17.886	ug/l	86
12) Methyl Acetate	4.775	43	133270	21.007	ug/l	98
13) Acrolein	3.981	56	106538	95.530	ug/l	99
14) Acrylonitrile	5.469	53	307453	105.007	ug/l	98
15) Acetone	4.216	58	91100	111.920	ug/l	80
16) Carbon Disulfide	4.457	76	212352	20.817	ug/l	98
17) Allyl chloride	4.763	41	128965	20.713	ug/l	89
18) Methylene Chloride	5.016	84	101502	21.460	ug/l	97
19) trans-1,2-Dichloroethene	5.510	96	89645	21.660	ug/l	97
20) Diisopropyl ether	6.410	45	286362	21.142	ug/l	95
21) 1,1-Dichloroethane	6.304	63	166985	20.892	ug/l	97
22) cis-1,2-Dichloroethene	7.251	96	106377	21.366	ug/l	96
23) tert-Butyl Alcohol	5.287	59	109849	106.161	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	287470	21.852	ug/l	92
25) Chloroform	7.745	83	174632	21.168	ug/l	99
26) Cyclohexane	8.022	56	147367	21.376	ug/l #	100
29) 1,1-Dichloropropene	8.151	75	127893	20.886	ug/l	98
30) 2-Butanone	7.257	43	431724	101.990	ug/l	99
31) 2,2-Dichloropropane	7.245	77	133587	20.907	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	150484	21.232	ug/l	100
33) Carbon Tetrachloride	8.133	117	125955	20.725	ug/l	97
34) Benzene	8.392	78	405720	20.475	ug/l	99
35) Methacrylonitrile	7.563	41	78589	22.871	ug/l	96
36) 1,2-Dichloroethane	8.463	62	135235	20.697	ug/l #	93
37) Trichloroethene	9.151	130	102798	21.087	ug/l	98
38) Methylcyclohexane	9.392	83	155034	20.395	ug/l	95
39) 1,2-Dichloropropane	9.428	63	101509	20.306	ug/l	97
40) Dibromomethane	9.516	93	70597	20.812	ug/l	90
41) Bromodichloromethane	9.698	83	133633	20.125	ug/l	96
42) Vinyl Acetate	6.351	43	1242149	101.835	ug/l	97

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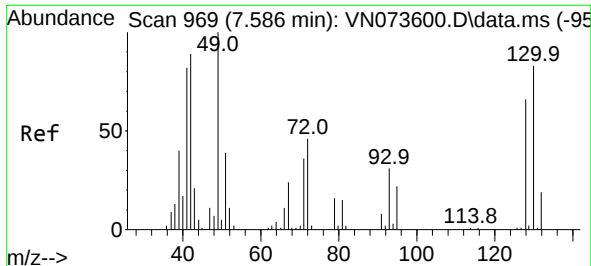
Manual Integrations
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 Supervised By : Mahesh Dadoda 07/28/2022

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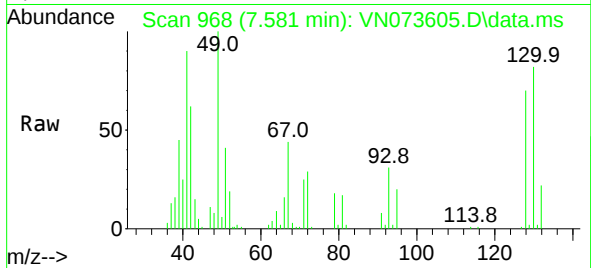
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.339	43	168107	20.919	ug/l	98
44) Isopropyl Acetate	8.492	43	229735	20.558	ug/l	95
45) 1,4-Dioxane	9.504	88	52741	395.808	ug/l	95
46) Methyl methacrylate	9.498	41	98591	19.728	ug/l	89
47) n-amyl Acetate	12.333	43	178420	20.027	ug/l	95
48) t-1,3-Dichloropropene	10.663	75	138674	20.286	ug/l	99
49) cis-1,3-Dichloropropene	10.127	75	153995	20.288	ug/l #	88
50) 1,1,2-Trichloroethane	10.839	97	103561	20.350	ug/l	98
51) Ethyl methacrylate	10.704	69	153512	20.065	ug/l	87
52) 1,3-Dichloropropane	10.986	76	173252	20.198	ug/l	100
53) Dibromochloromethane	11.180	129	102253	19.827	ug/l	100
54) 1,2-Dibromoethane	11.286	107	105537	20.350	ug/l	95
55) 2-Chloroethyl vinyl ether	9.980	63	299894	87.394	ug/l	99
56) Bromoform	12.398	173	80114	19.767	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	811124	103.587	ug/l	95
59) 2-Hexanone	11.027	43	626787	103.923	ug/l	93
61) Tetrachloroethene	10.916	164	101651	21.914	ug/l	90
62) Toluene	10.445	91	446667	21.210	ug/l	99
64) Chlorobenzene	11.710	112	265558	21.105	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.780	131	97568	20.890	ug/l	99
66) Ethyl Benzene	11.786	91	465520	20.677	ug/l	98
67) m/p-Xylenes	11.892	106	367499	42.707	ug/l	98
68) o-Xylene	12.221	106	178822	20.922	ug/l	98
69) Styrene	12.233	104	290240	20.603	ug/l	97
70) Isopropylbenzene	12.521	105	462136	21.149	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.768	83	161136	20.972	ug/l	99
72) 1,2,3-Trichloropropane	12.821	75	157735m	24.581	ug/l	
73) Bromobenzene	12.804	156	114951	21.178	ug/l	95
74) n-propylbenzene	12.863	91	535029	21.039	ug/l	99
75) 2-Chlorotoluene	12.945	91	322863	21.180	ug/l	99
76) 1,3,5-Trimethylbenzene	12.998	105	386287	21.105	ug/l	95
77) t-1,4-Dichloro-2-butene	12.568	75	46678	19.960	ug/l	94
78) 4-Chlorotoluene	13.045	91	311036	21.240	ug/l	98
79) tert-butylbenzene	13.263	119	340686	21.530	ug/l	94
80) 1,2,4-Trimethylbenzene	13.310	105	390378m	21.533	ug/l	
81) sec-Butylbenzene	13.439	105	472741	20.807	ug/l	99
82) p-Isopropyltoluene	13.557	119	387123	20.753	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	209468	21.082	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	203299	21.211	ug/l	97
85) n-Butylbenzene	13.880	91	305229	20.186	ug/l	96
86) Hexachloroethane	14.151	117	69457	20.303	ug/l	82
87) 1,2-Dichlorobenzene	13.927	146	215895	21.492	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.539	75	33830	20.158	ug/l #	79
89) 1,2,4-Trichlorobenzene	15.198	180	115672	20.921	ug/l	97
90) Hexachlorobutadiene	15.304	225	58575	20.917	ug/l	98
91) Naphthalene	15.433	128	389232	21.440	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	121440	21.382	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 969
Delta R.T. -0.005 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

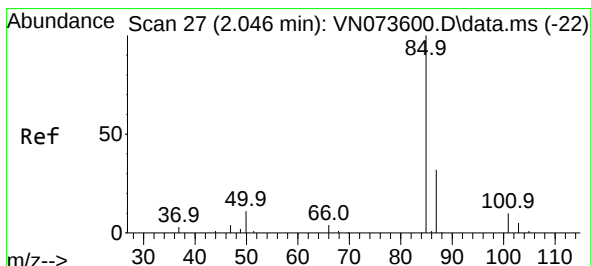
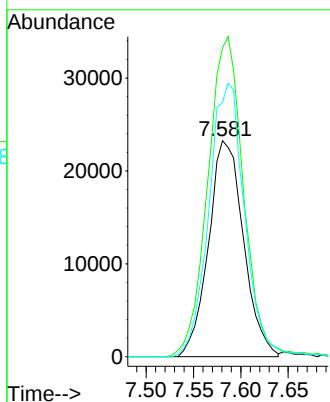
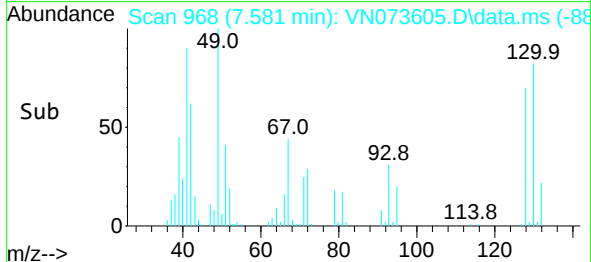
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



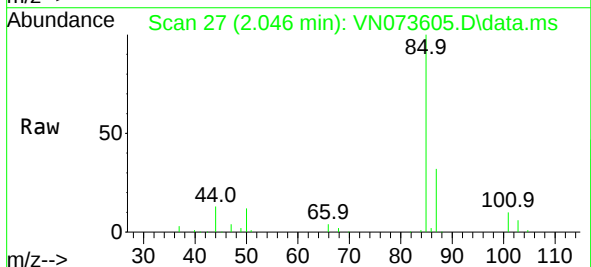
Tgt Ion:128 Resp: 59624
Ion Ratio Lower Upper
128 100
49 150.4 0.0 392.3
130 129.1 0.0 320.2

Manual Integrations
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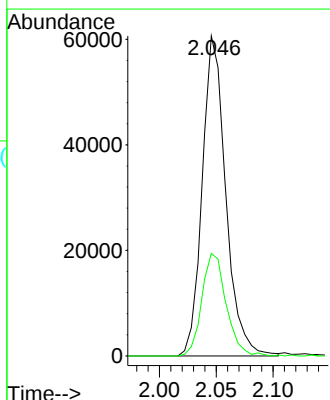
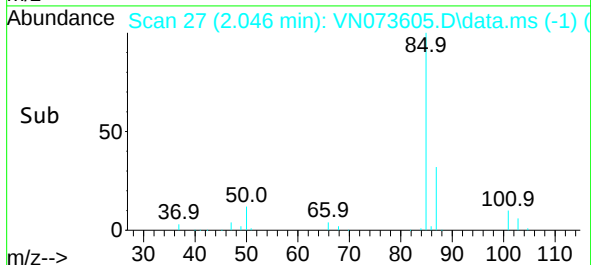
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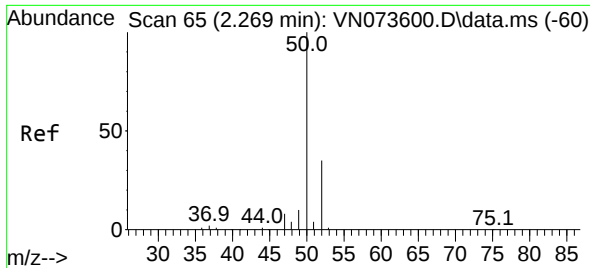


#2
Dichlorodifluoromethane
Concen: 21.555 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



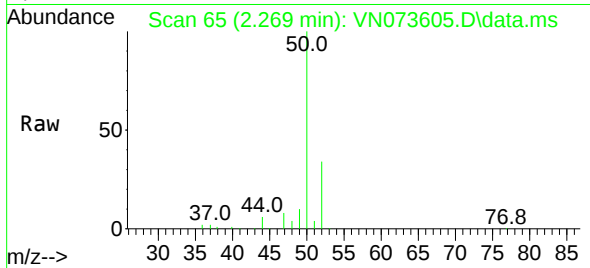
Tgt Ion: 85 Resp: 87357
Ion Ratio Lower Upper
85 100
87 32.1 16.6 49.7





#3
Chloromethane
Concen: 22.139 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

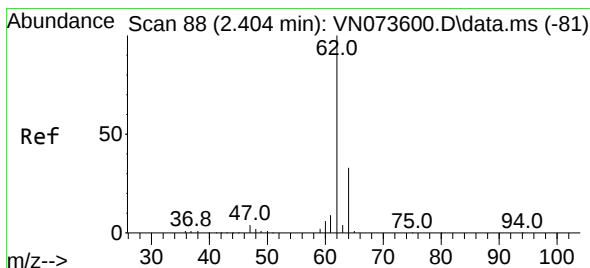
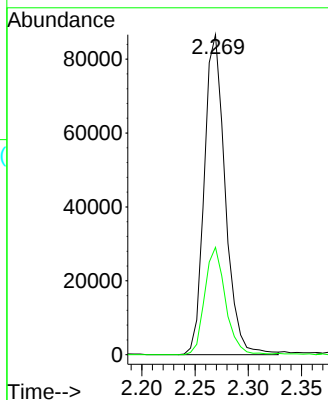
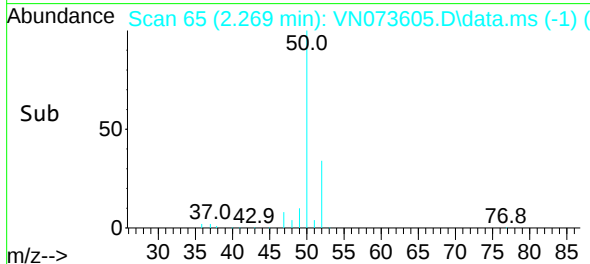
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



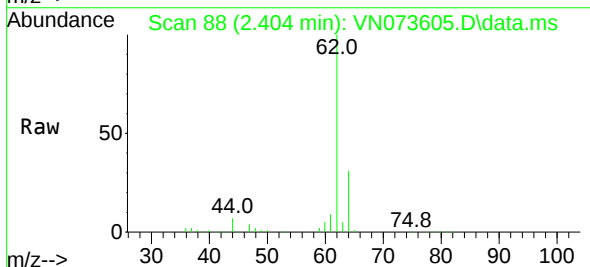
Tgt Ion: 50 Resp: 118629
Ion Ratio Lower Upper
50 100
52 33.5 27.8 41.6

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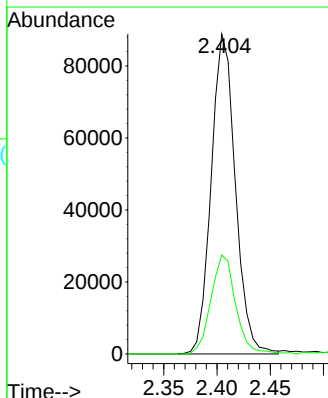
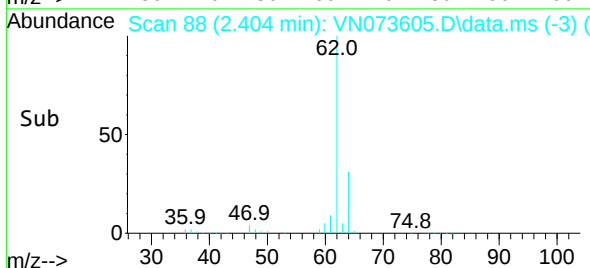
Reviewed By :John Carlone 07/28/2022
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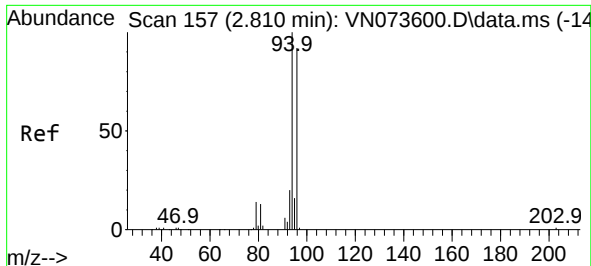


#4
Vinyl Chloride
Concen: 21.269 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



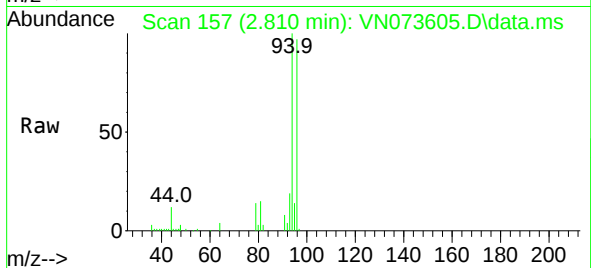
Tgt Ion: 62 Resp: 139874
Ion Ratio Lower Upper
62 100
64 30.9 25.1 37.7





#5
Bromomethane
Concen: 27.554 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

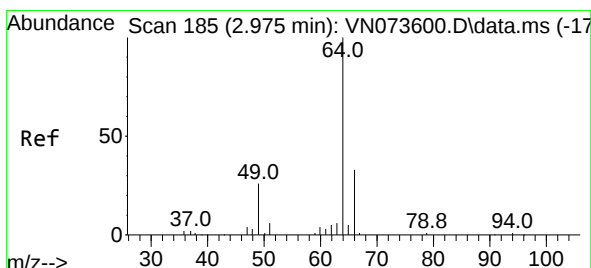
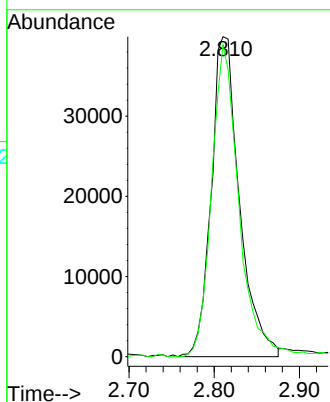
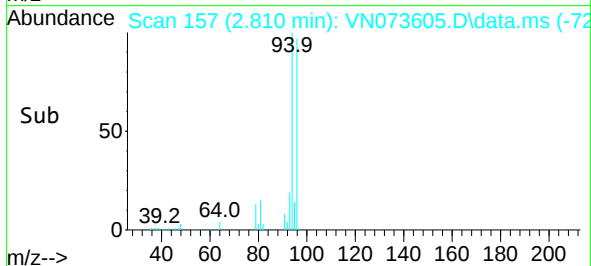
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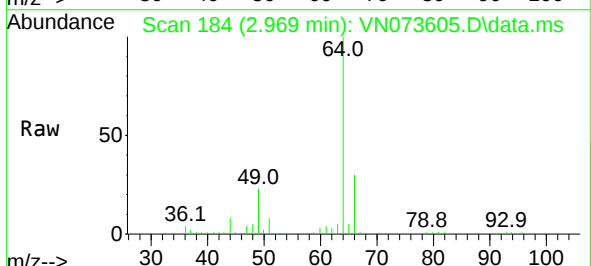
Tgt Ion: 94 Resp: 9205
Ion Ratio Lower Upper
94 100
96 97.5 75.2 112.8

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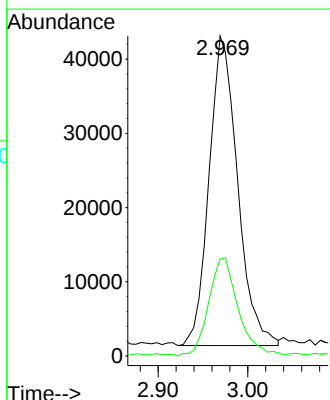
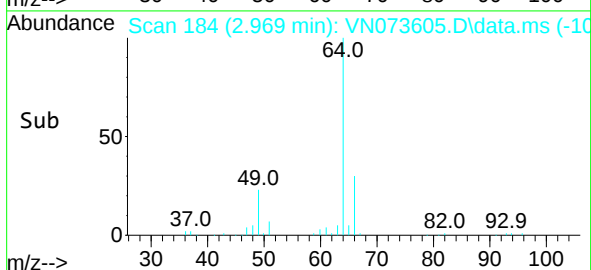
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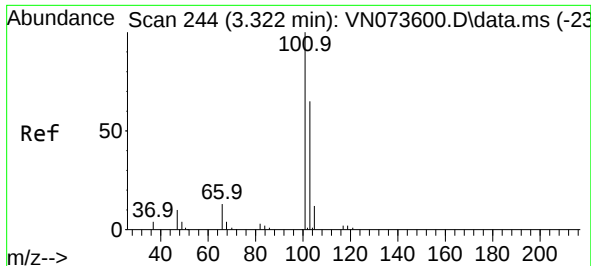


#6
Chloroethane
Concen: 20.694 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



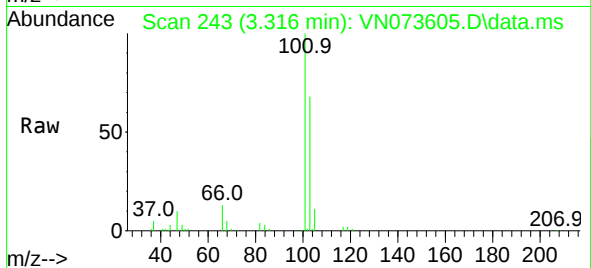
Tgt Ion: 64 Resp: 92205
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 21.820 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN073605.D
 Acq: 27 Jul 2022 14:04

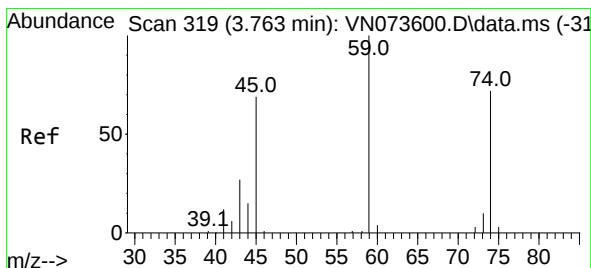
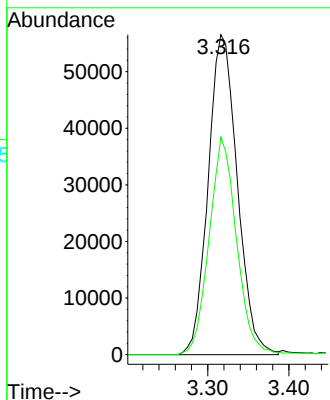
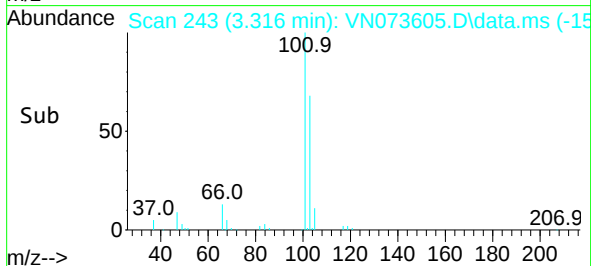
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Tgt Ion: 101 Resp: 14114
 Ion Ratio Lower Upper
 101 100
 103 67.9 50.1 75.1

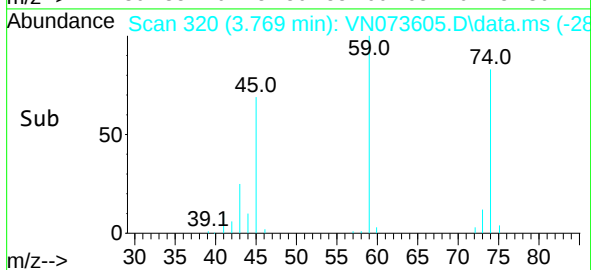
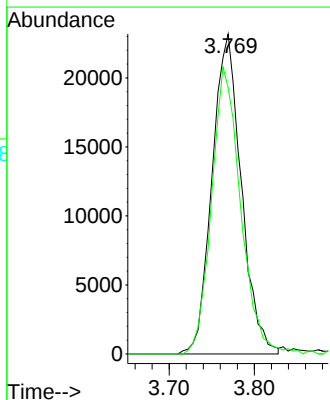
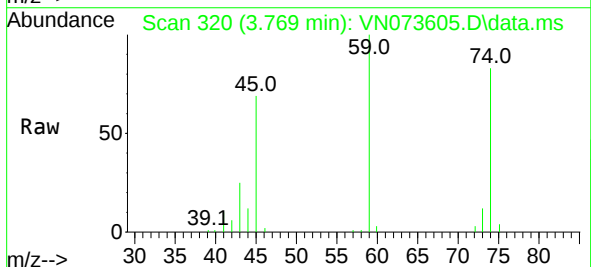
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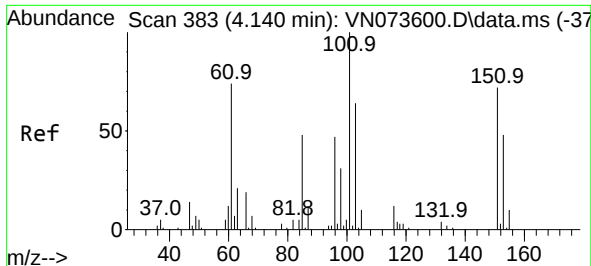
Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022



#8
 Diethyl Ether
 Concen: 21.214 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073605.D
 Acq: 27 Jul 2022 14:04

Tgt Ion: 74 Resp: 55219
 Ion Ratio Lower Upper
 74 100
 45 89.5 17.6 158.8





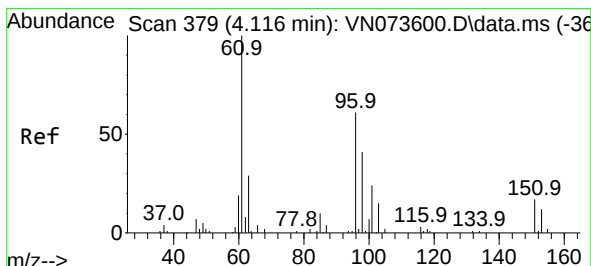
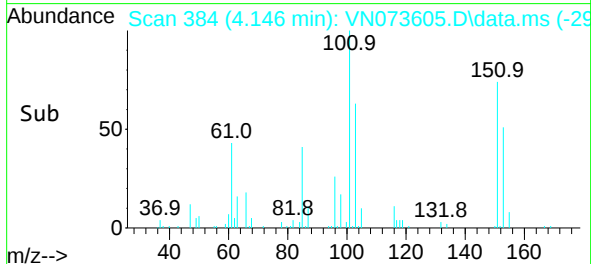
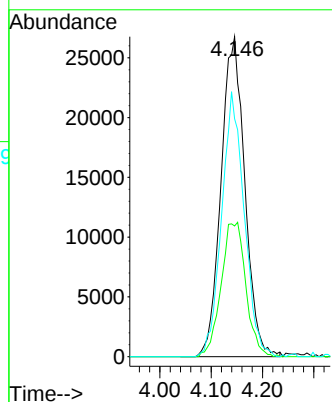
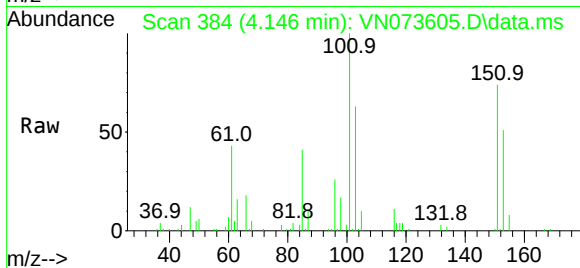
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.051 ug/l m
RT: 4.146 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722

Tgt Ion:101 Resp: 85992
Ion Ratio Lower Upper
101 100
85 0.1 0.0 94.0
151 0.1 0.0 74.6

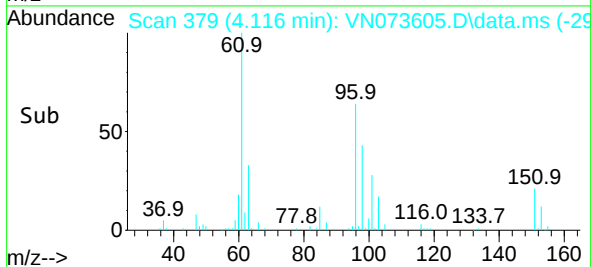
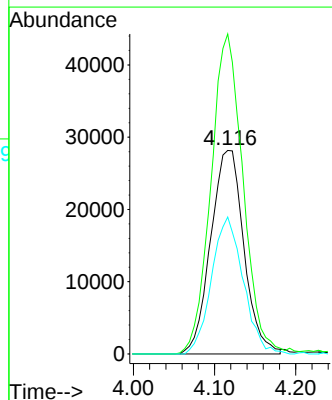
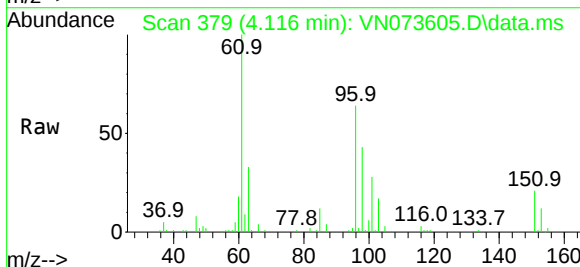
Manual Integrations
APPROVED

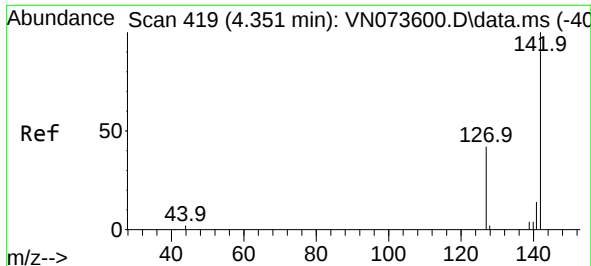
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
1,1-Dichloroethene
Concen: 21.464 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

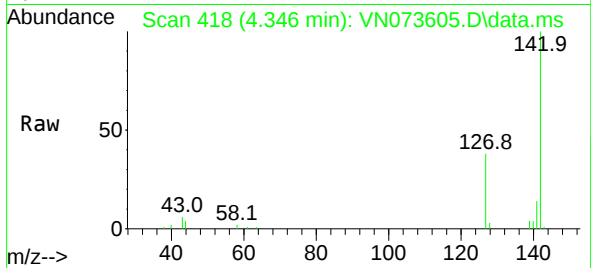
Tgt Ion: 96 Resp: 80122
Ion Ratio Lower Upper
96 100
61 156.7 126.2 189.4
98 67.3 50.9 76.3





#11
Methyl Iodide
Concen: 17.886 ug/l
RT: 4.346 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

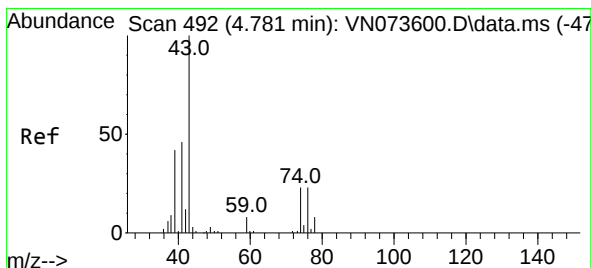
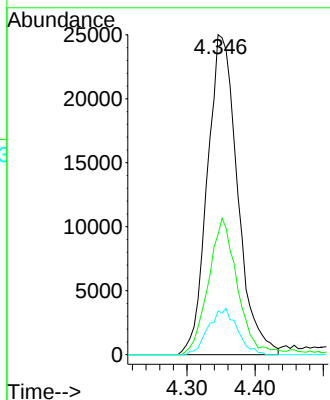
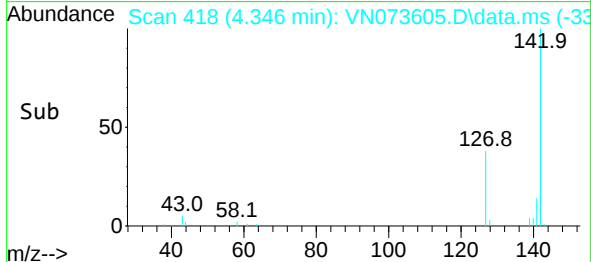
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion:142 Resp: 77015
Ion Ratio Lower Upper
142 100
127 37.1 24.0 72.0
141 13.8 8.4 25.2

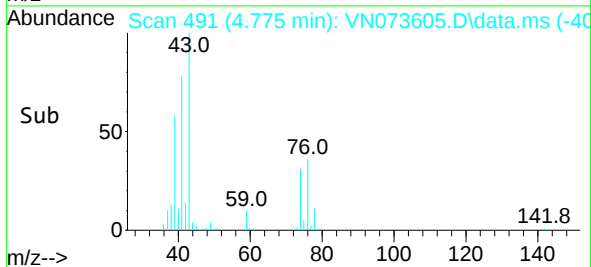
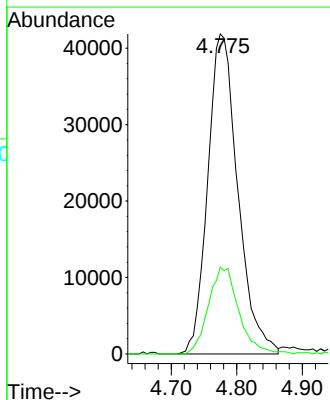
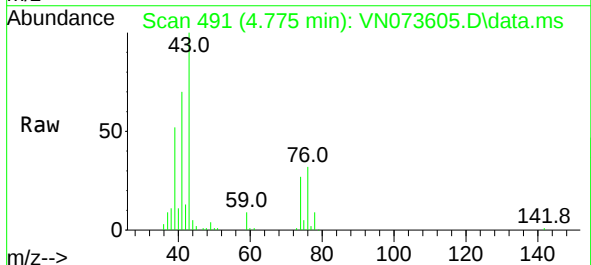
Manual Integrations
APPROVED

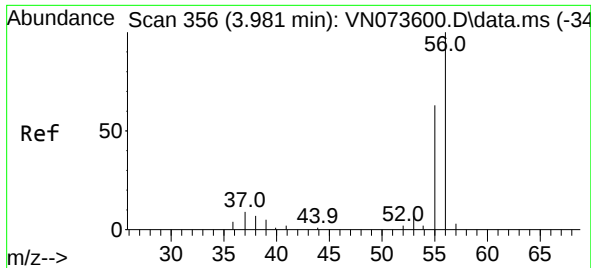
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
Methyl Acetate
Concen: 21.007 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

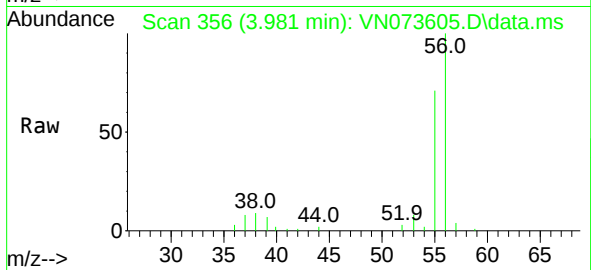
Tgt Ion: 43 Resp: 133270
Ion Ratio Lower Upper
43 100
74 27.0 20.8 31.2





#13
Acrolein
Concen: 95.530 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

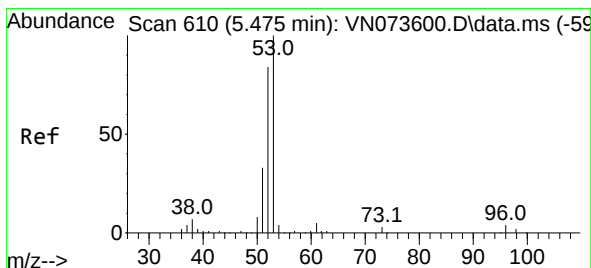
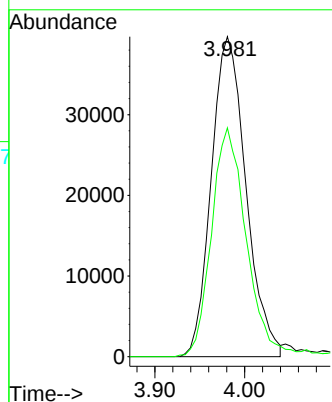
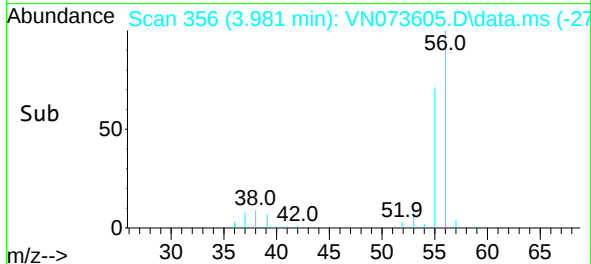
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



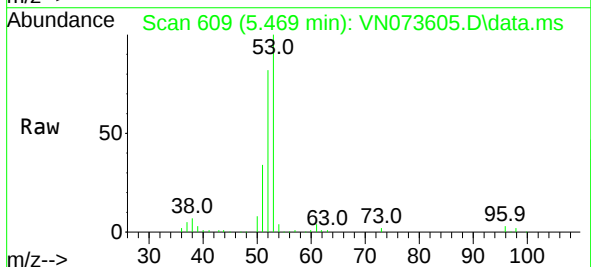
Tgt Ion: 56 Resp: 106538
Ion Ratio Lower Upper
56 100
55 71.3 57.6 86.4

Manual Integrations
APPROVED

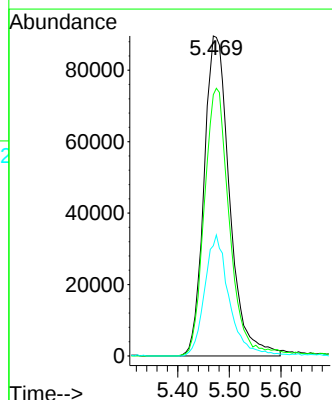
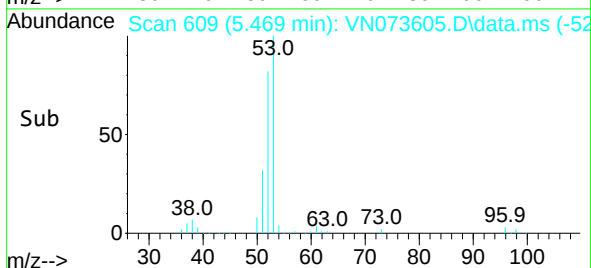
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

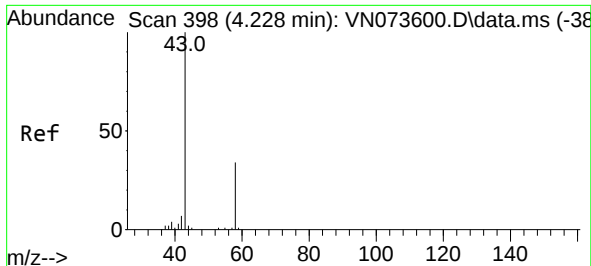


#14
Acrylonitrile
Concen: 105.007 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



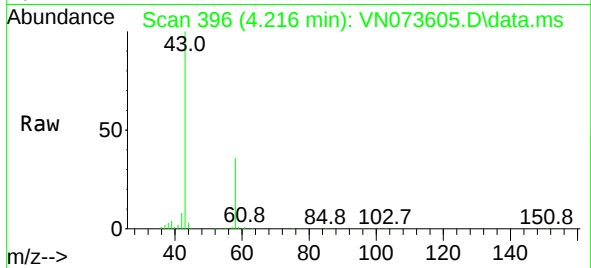
Tgt Ion: 53 Resp: 307453
Ion Ratio Lower Upper
53 100
52 81.7 41.8 125.4
51 36.4 19.0 57.0





#15
Acetone
Concen: 111.920 ug/l
RT: 4.216 min Scan# 398
Delta R.T. -0.012 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

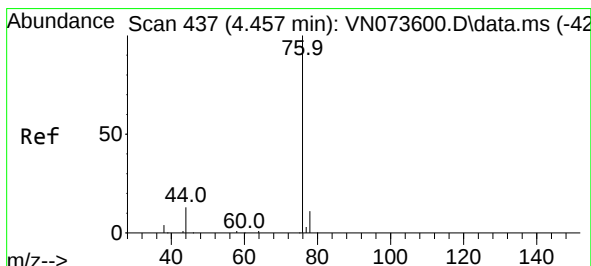
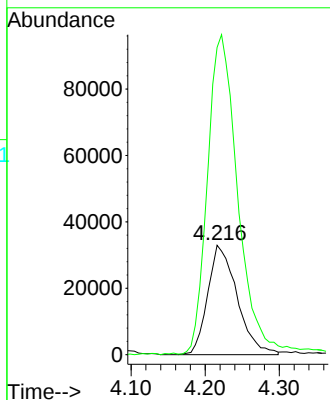
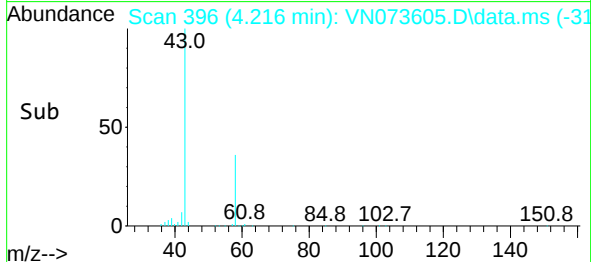
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion: 58 Resp: 91100
Ion Ratio Lower Upper
58 100
43 280.0 256.6 384.8

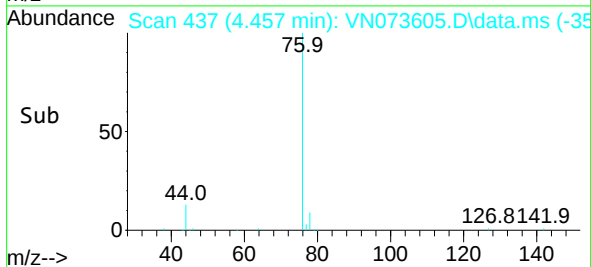
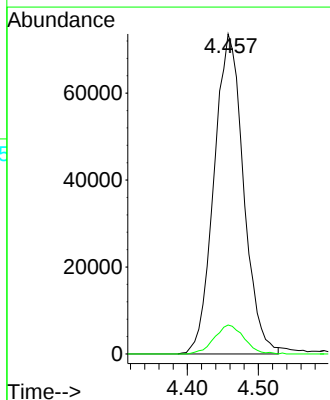
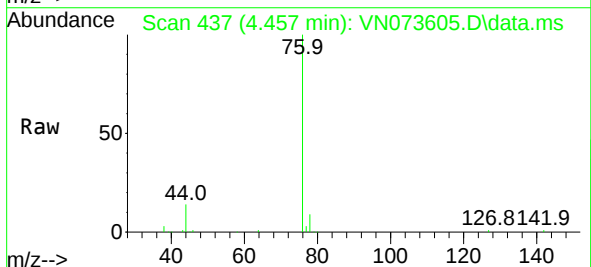
Manual Integrations
APPROVED

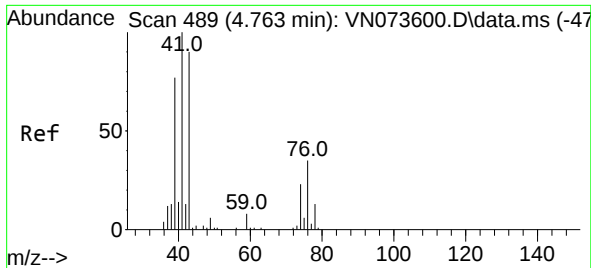
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#16
Carbon Disulfide
Concen: 20.817 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

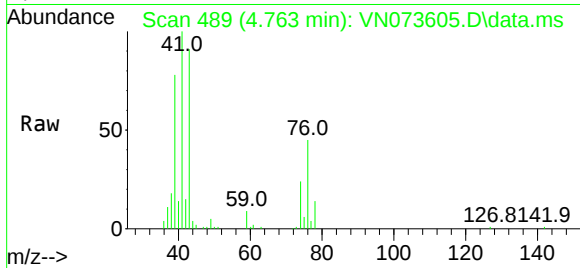
Tgt Ion: 76 Resp: 212352
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
 Allyl chloride
 Concen: 20.713 ug/l
 RT: 4.763 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VN073605.D
 Acq: 27 Jul 2022 14:04

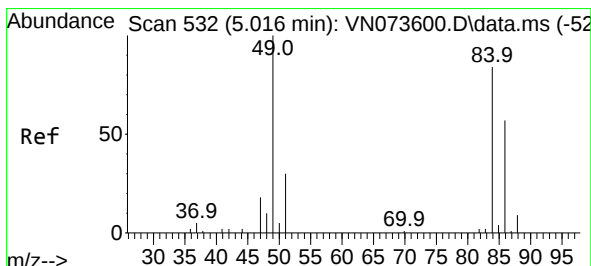
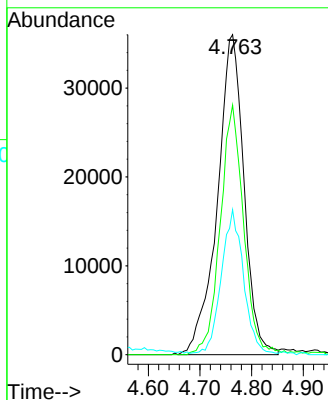
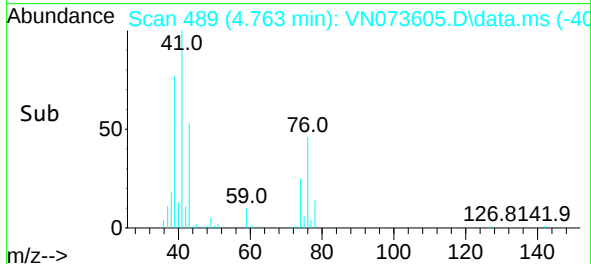
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072722



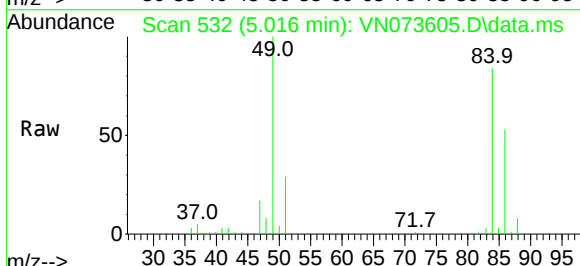
Tgt Ion: 41 Resp: 12896
 Ion Ratio Lower Upper
 41 100
 39 78.0 44.6 134.0
 76 44.8 19.6 58.7

Manual Integrations
 APPROVED

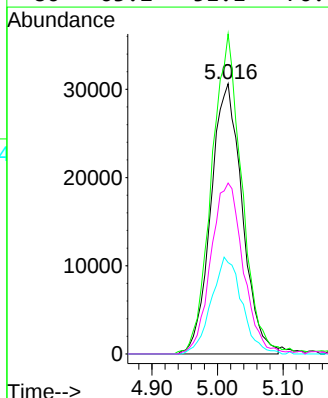
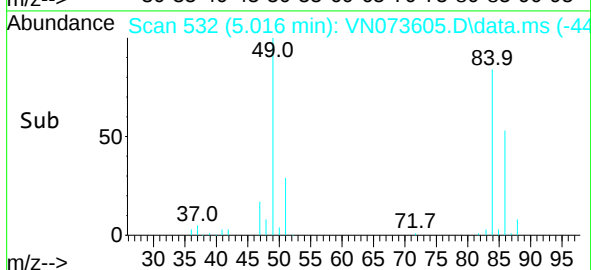
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

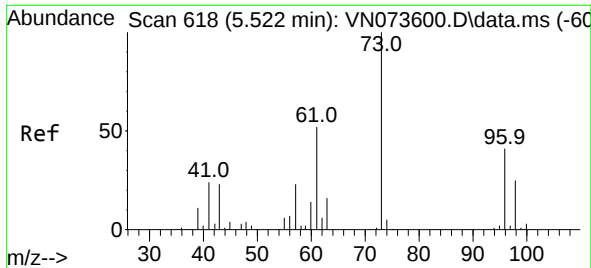


#18
 Methylene Chloride
 Concen: 21.460 ug/l
 RT: 5.016 min Scan# 532
 Delta R.T. 0.000 min
 Lab File: VN073605.D
 Acq: 27 Jul 2022 14:04



Tgt Ion: 84 Resp: 101502
 Ion Ratio Lower Upper
 84 100
 49 117.5 91.4 137.0
 51 33.8 29.4 44.0
 86 63.2 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 21.660 ug/l

RT: 5.510 min Scan# 618

Delta R.T. -0.012 min

Lab File: VN073605.D

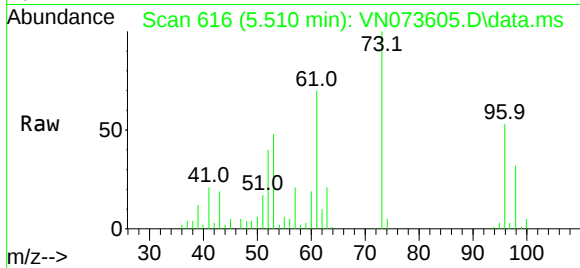
Acq: 27 Jul 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072722



Tgt Ion: 96 Resp: 8964

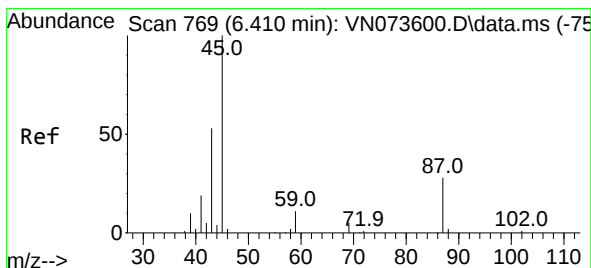
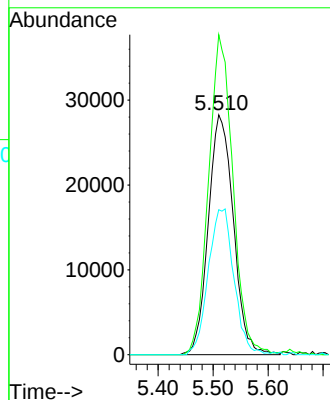
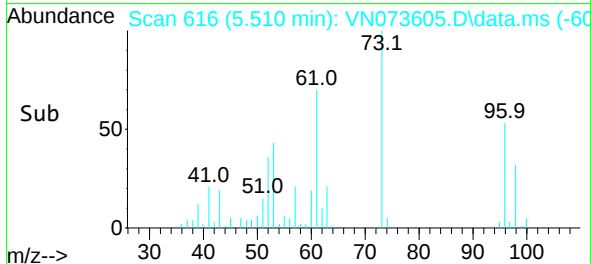
Ion	Ratio	Lower	Upper
96	100		
61	133.4	102.8	154.2
98	60.5	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#20

Diisopropyl ether

Concen: 21.142 ug/l

RT: 6.410 min Scan# 769

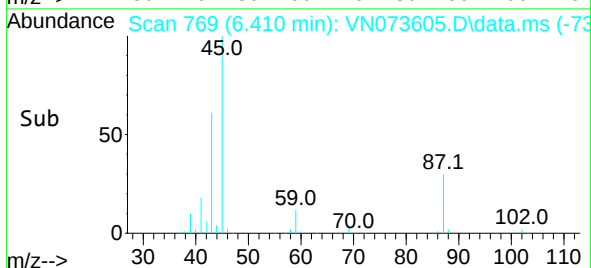
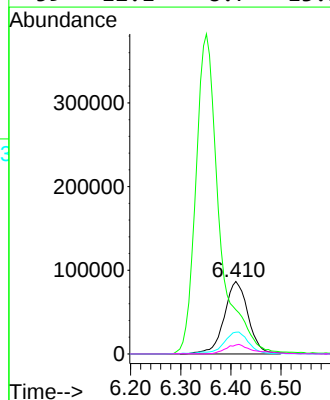
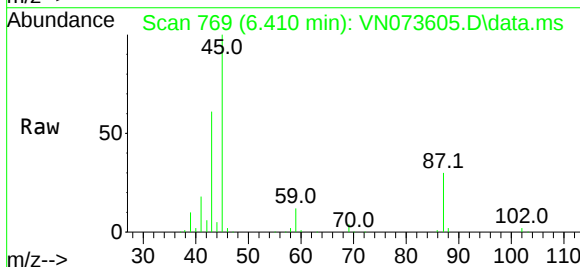
Delta R.T. 0.000 min

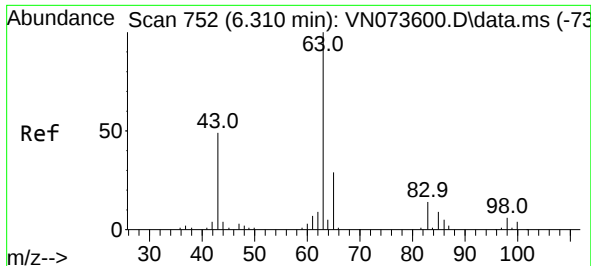
Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

Tgt Ion: 45 Resp: 286362

Ion	Ratio	Lower	Upper
45	100		
43	58.2	51.0	76.4
87	29.8	25.0	37.4
59	12.1	8.7	13.1





#21

1,1-Dichloroethane

Concen: 20.892 ug/l

RT: 6.304 min Scan# 752

Delta R.T. -0.006 min

Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072722

Tgt Ion: 63 Resp: 16698

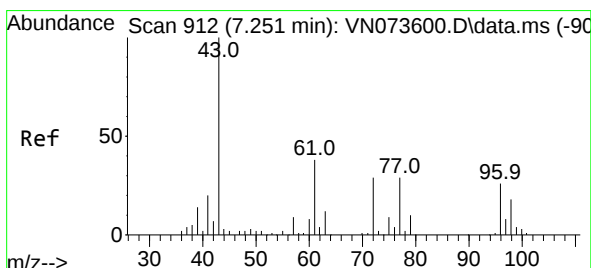
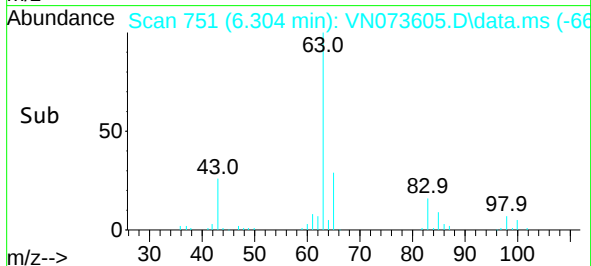
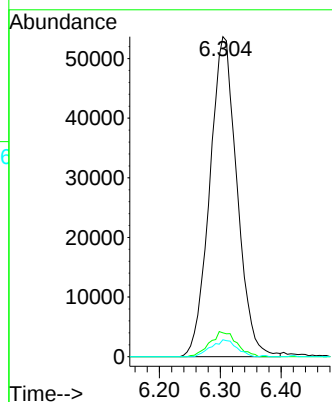
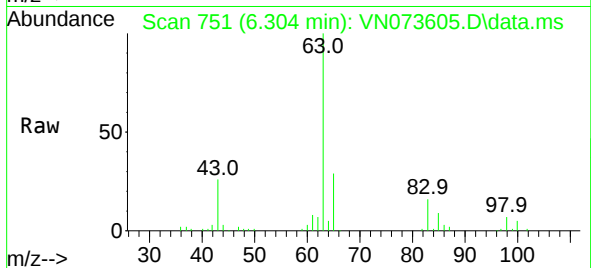
Ion	Ratio	Lower	Upper
63	100		
98	7.4	3.2	9.6
100	5.3	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#22

cis-1,2-Dichloroethene

Concen: 21.366 ug/l

RT: 7.251 min Scan# 912

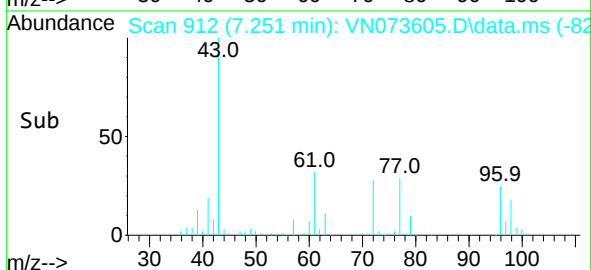
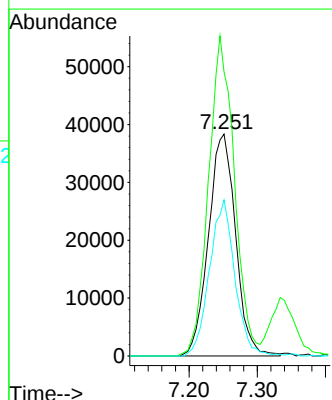
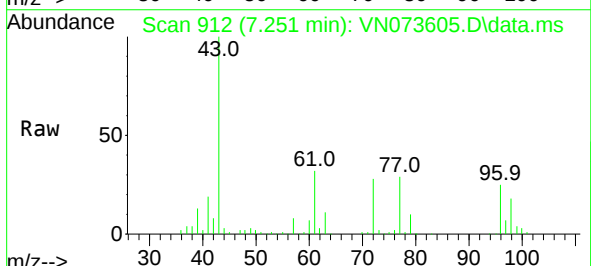
Delta R.T. 0.000 min

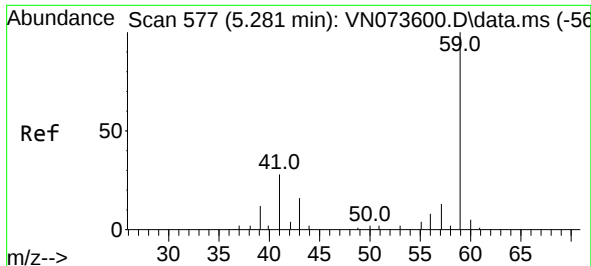
Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

Tgt Ion: 96 Resp: 106377

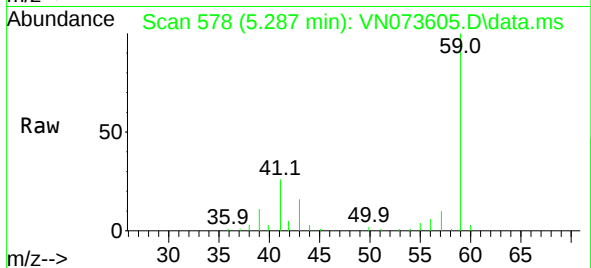
Ion	Ratio	Lower	Upper
96	100		
61	137.3	115.7	173.5
98	65.4	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 106.161 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

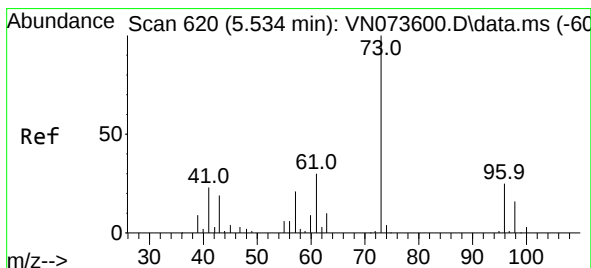
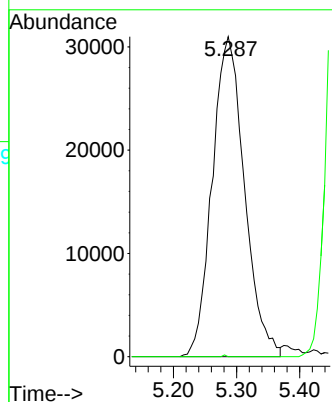
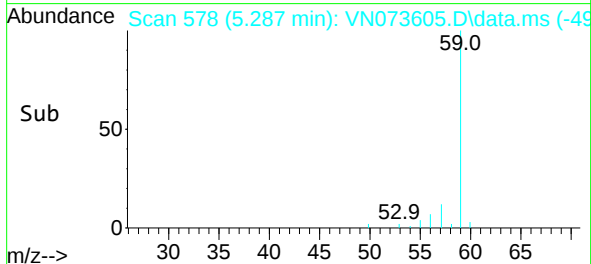
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



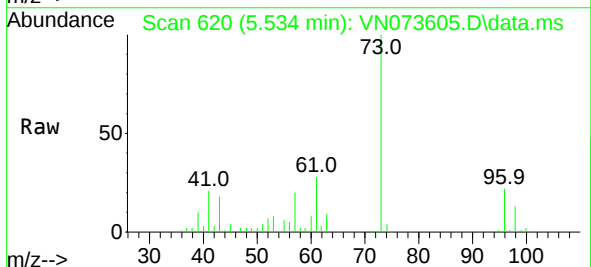
Tgt Ion: 59 Resp: 109849
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

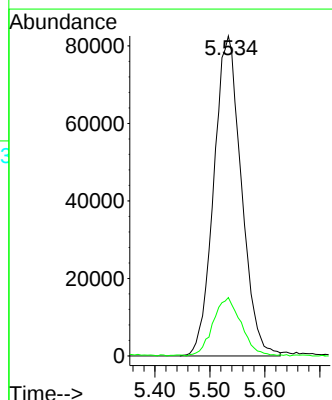
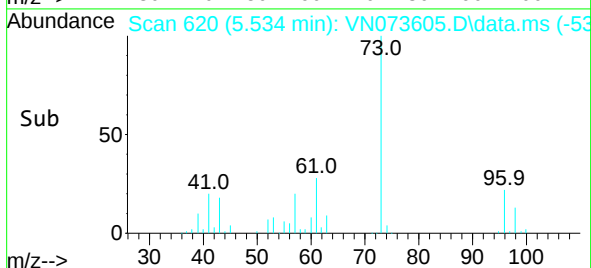
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

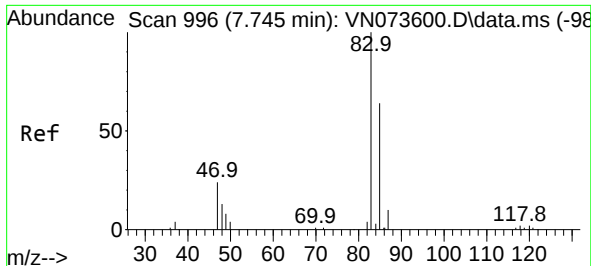


#24
Methyl tert-Butyl Ether
Concen: 21.852 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



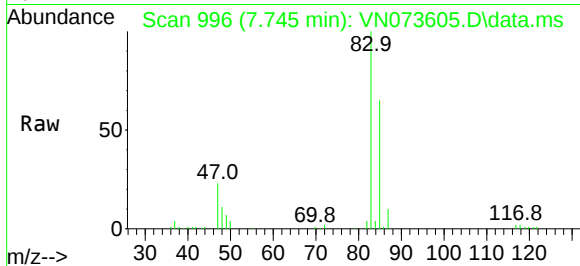
Tgt Ion: 73 Resp: 287470
Ion Ratio Lower Upper
73 100
43 18.7 18.1 27.1





#25
Chloroform
Concen: 21.168 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

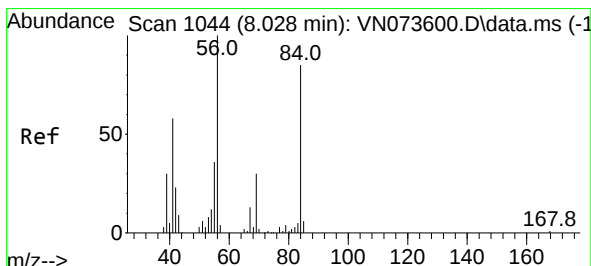
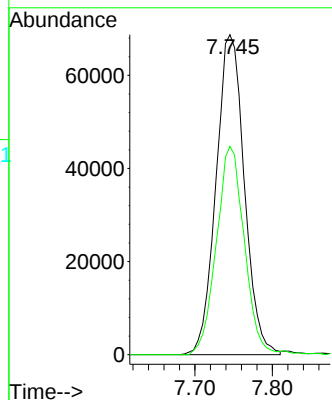
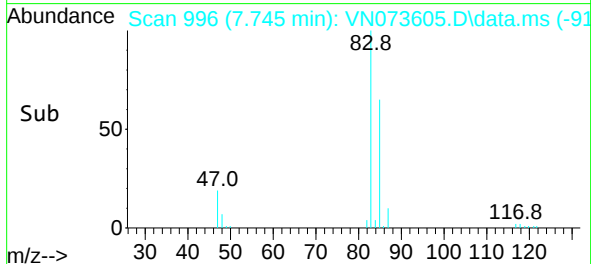
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



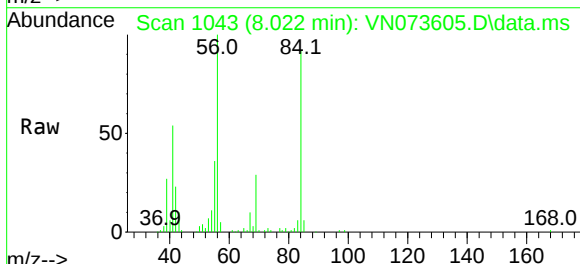
Tgt Ion: 83 Resp: 174632
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9

Manual Integrations
APPROVED

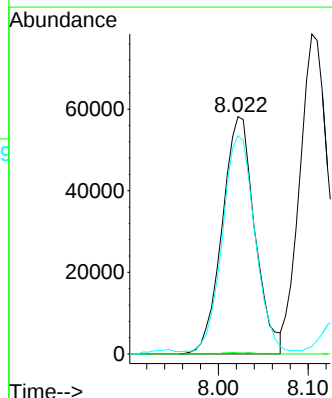
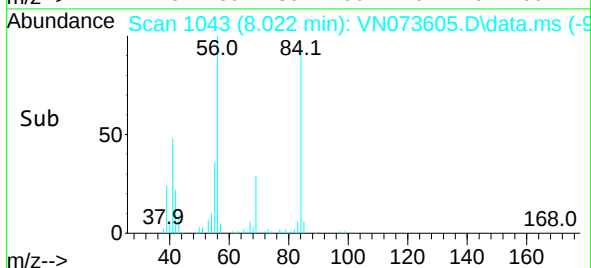
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

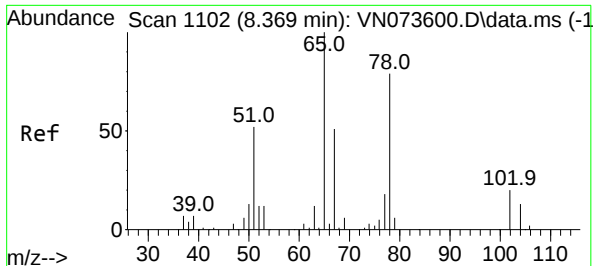


#26
Cyclohexane
Concen: 21.376 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



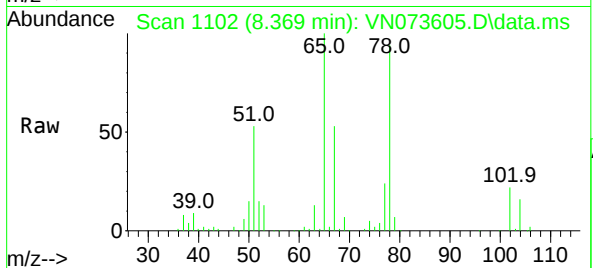
Tgt Ion: 56 Resp: 147367
Ion Ratio Lower Upper
56 100
89 0.3 0.1 0.1#
84 93.0 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.257 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

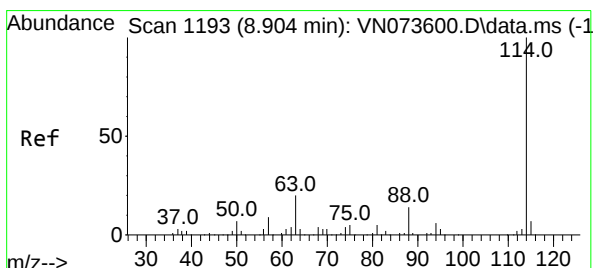
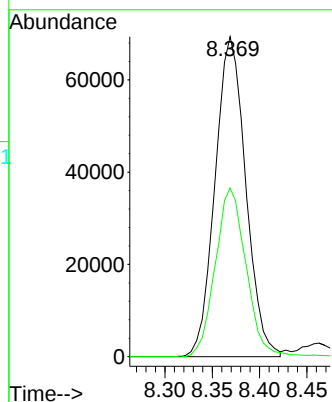
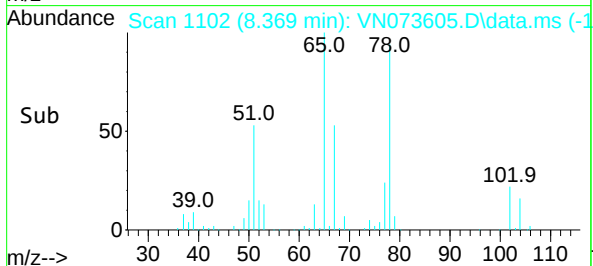
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



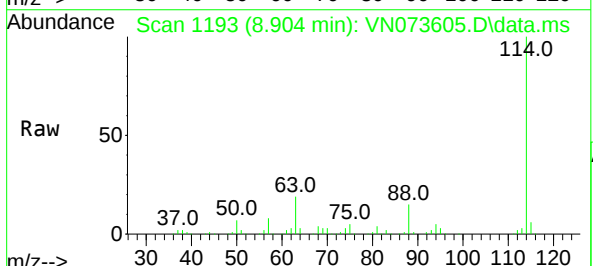
Tgt Ion: 65 Resp: 15598
Ion Ratio Lower Upper
65 100
67 52.9 40.2 60.2

Manual Integrations
APPROVED

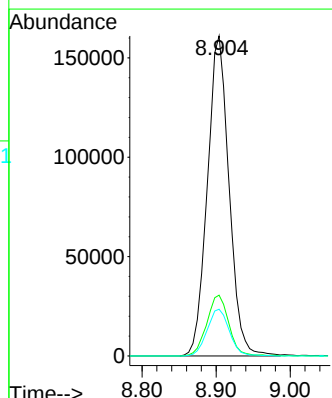
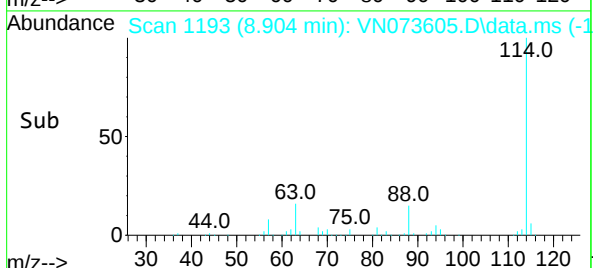
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

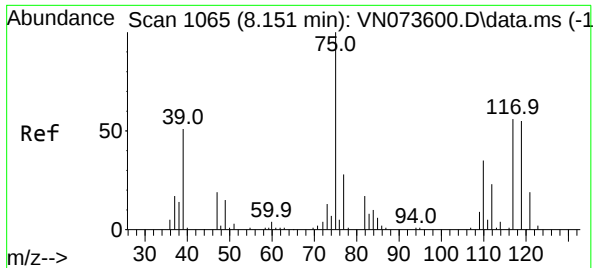


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



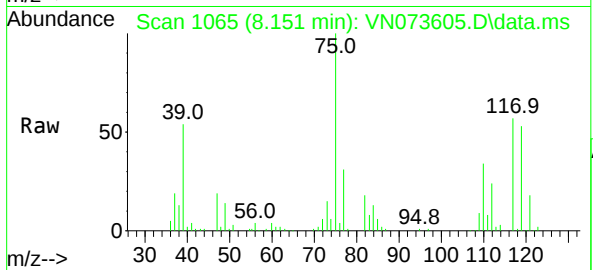
Tgt Ion:114 Resp: 327718
Ion Ratio Lower Upper
114 100
63 19.2 15.8 23.6
88 14.8 11.6 17.4





#29
1,1-Dichloropropene
Concen: 20.886 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

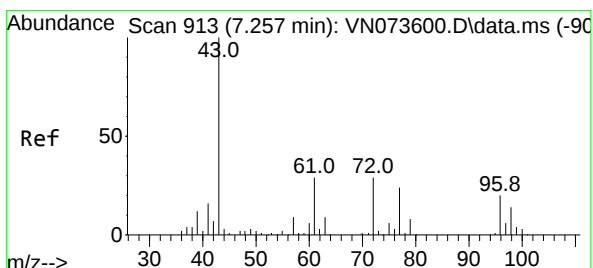
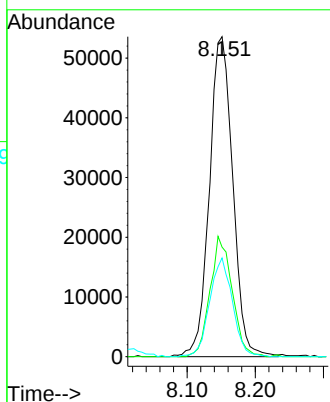
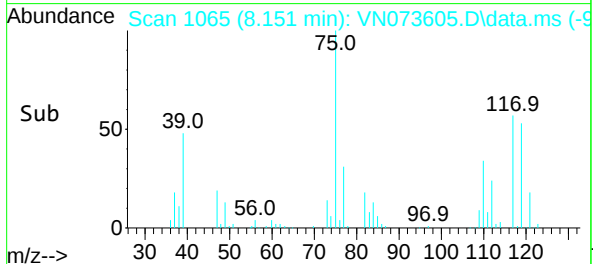
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion: 75 Resp: 12789
Ion Ratio Lower Upper
75 100
110 35.6 0.0 74.2
77 30.2 0.0 63.2

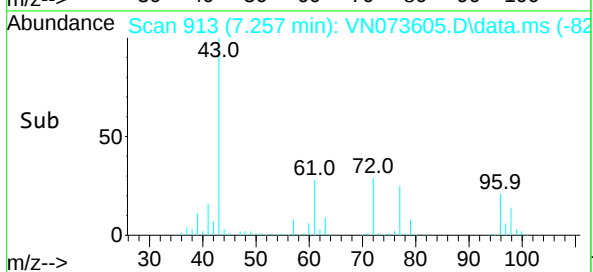
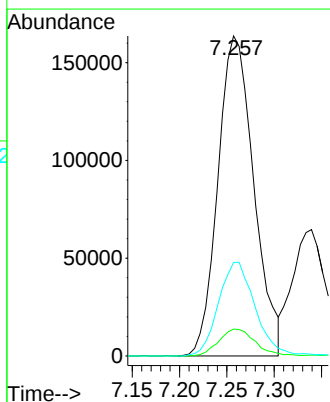
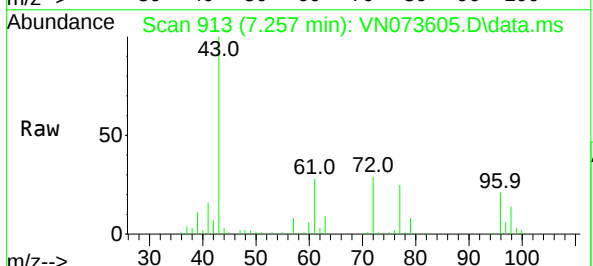
Manual Integrations
APPROVED

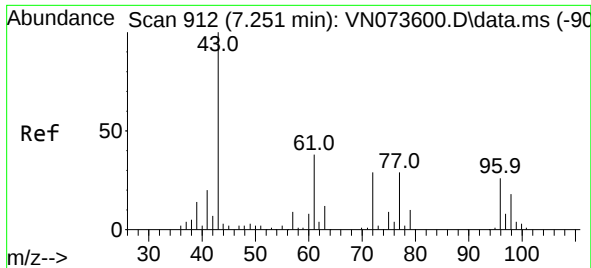
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#30
2-Butanone
Concen: 101.990 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

Tgt Ion: 43 Resp: 431724
Ion Ratio Lower Upper
43 100
57 8.5 6.7 10.1
72 29.7 23.2 34.8





#31

2,2-Dichloropropane

Concen: 20.907 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072722

Tgt Ion: 77 Resp: 13358

Ion Ratio Lower Upper

77 100

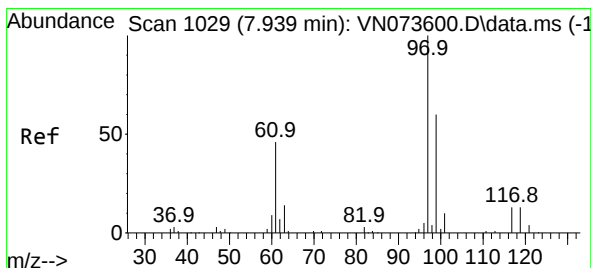
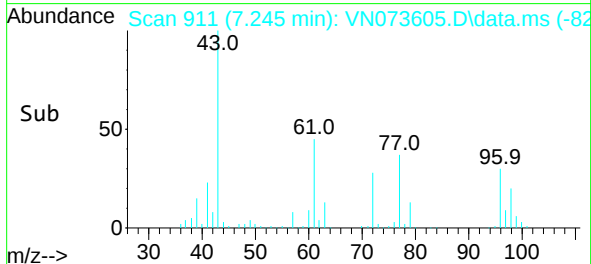
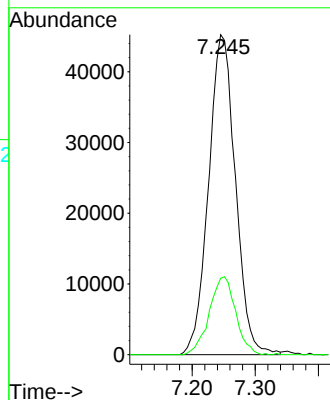
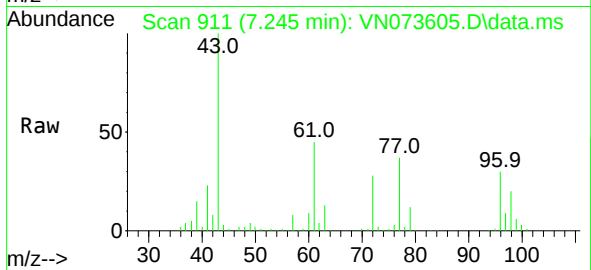
97 23.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#32

1,1,1-Trichloroethane

Concen: 21.232 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

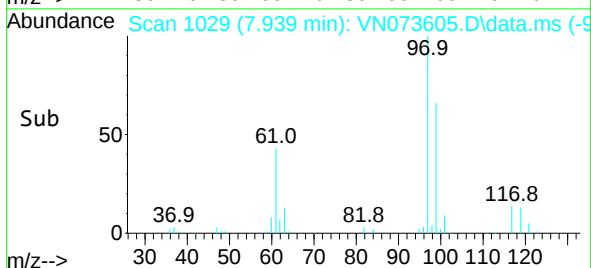
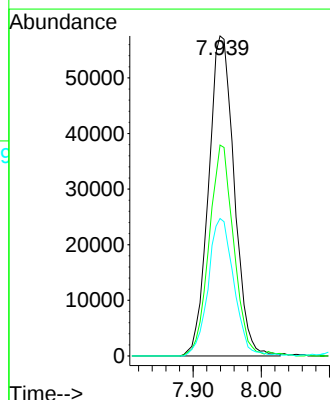
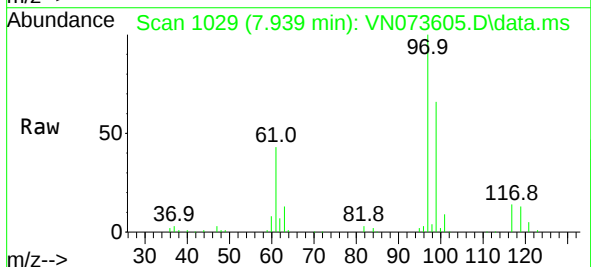
Tgt Ion: 97 Resp: 150484

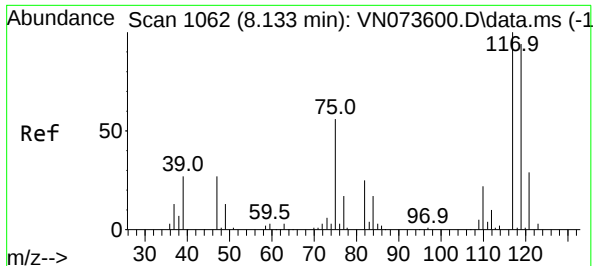
Ion Ratio Lower Upper

97 100

99 62.8 50.4 75.6

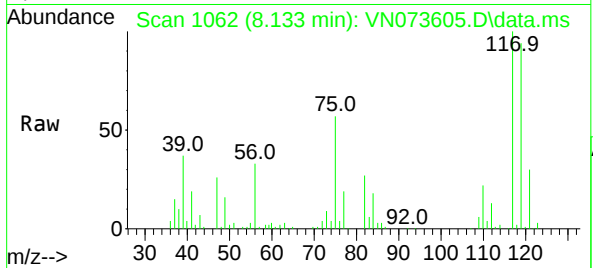
61 42.8 34.6 51.8





#33
Carbon Tetrachloride
Concen: 20.725 ug/l
RT: 8.133 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

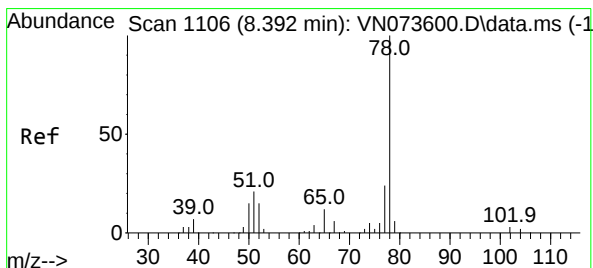
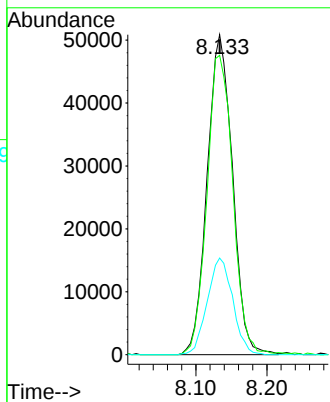
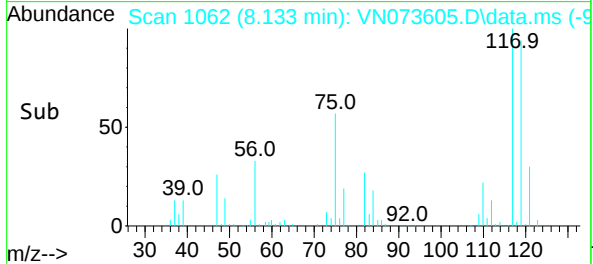
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



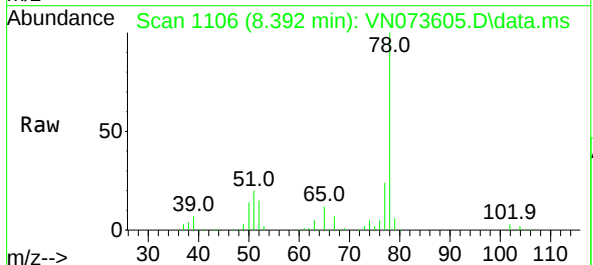
Tgt Ion: 117 Resp: 125958
Ion Ratio Lower Upper
117 100
119 93.6 77.5 116.3
121 30.2 23.5 35.3

Manual Integrations
APPROVED

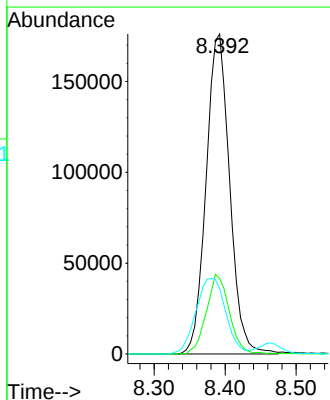
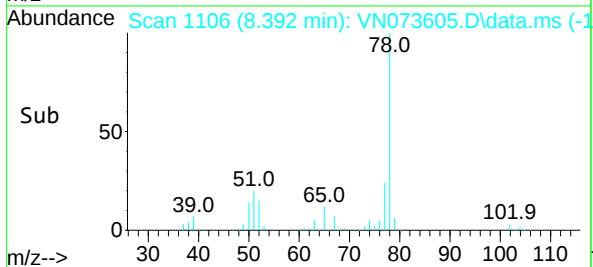
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

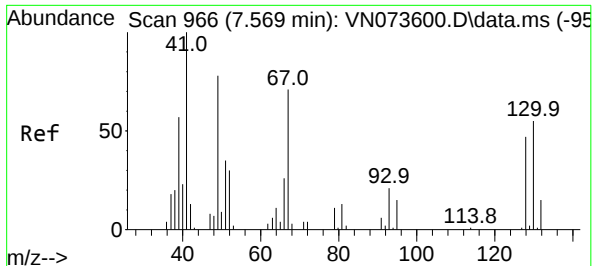


#34
Benzene
Concen: 20.475 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



Tgt Ion: 78 Resp: 405720
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 19.6 16.0 24.0





#35

Methacrylonitrile

Concen: 22.871 ug/l

RT: 7.563 min Scan# 965

Delta R.T. -0.006 min

Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072722

Tgt Ion: 41 Resp: 7858

Ion Ratio Lower Upper

41 100

39 54.0 28.0 83.9

67 79.5 37.7 113.1

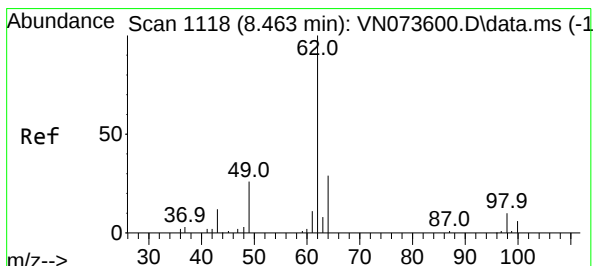
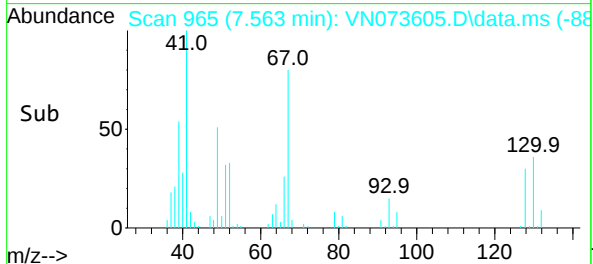
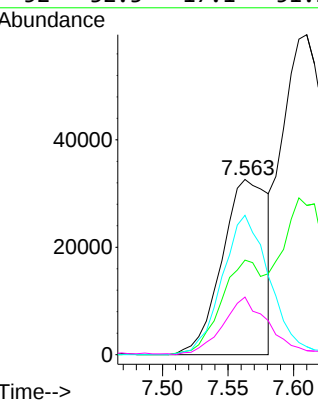
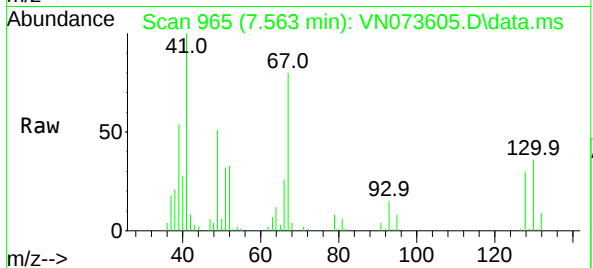
52 32.3 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#36

1,2-Dichloroethane

Concen: 20.697 ug/l

RT: 8.463 min Scan# 1118

Delta R.T. 0.000 min

Lab File: VN073605.D

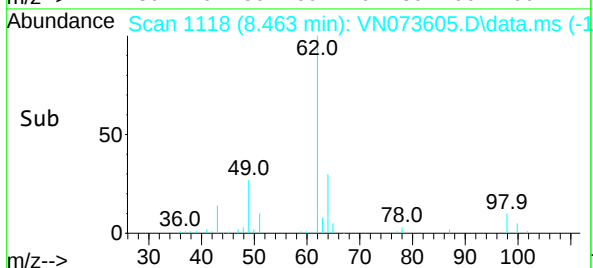
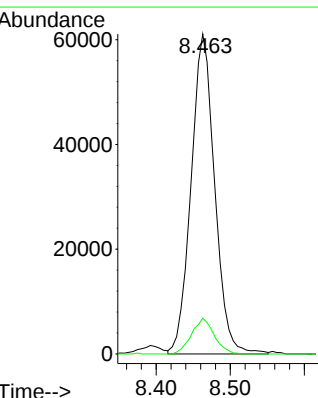
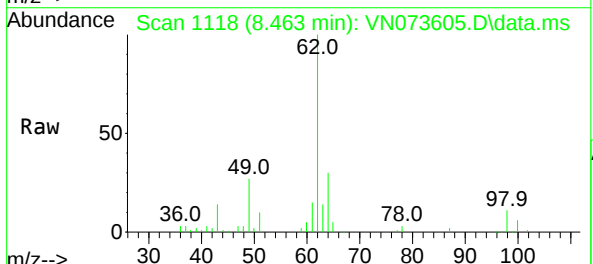
Acq: 27 Jul 2022 14:04

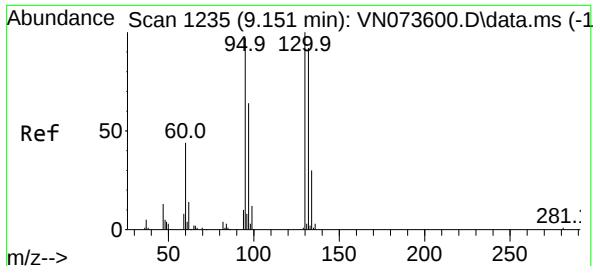
Tgt Ion: 62 Resp: 135235

Ion Ratio Lower Upper

62 100

98 10.7 6.6 10.0#





#37

Trichloroethene

Concen: 21.087 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN073605.D

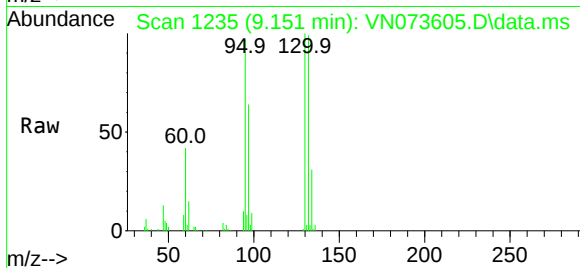
Acq: 27 Jul 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072722



Tgt Ion:130 Resp: 102798

Ion Ratio Lower Upper

130 100

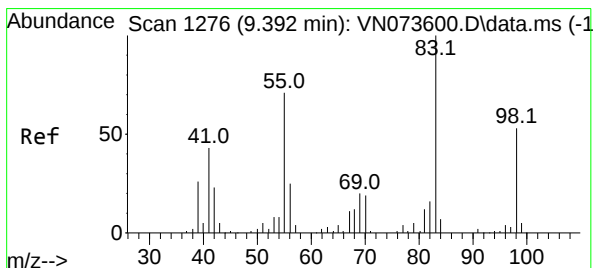
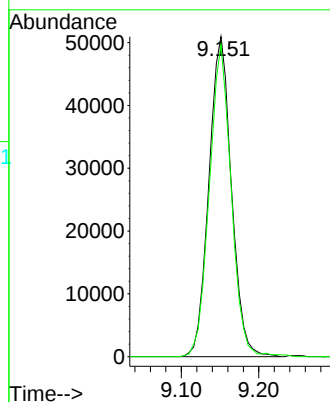
95 97.5 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#38

Methylcyclohexane

Concen: 20.395 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

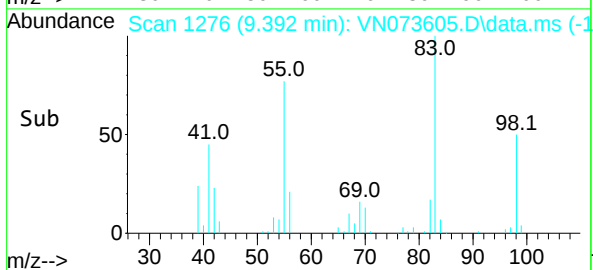
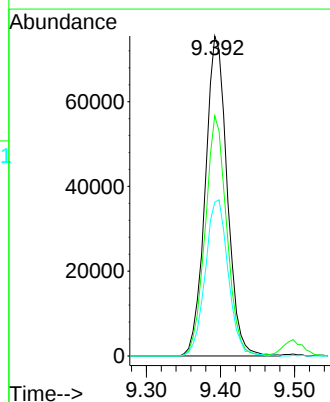
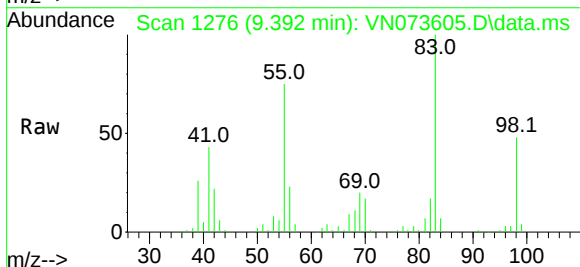
Tgt Ion: 83 Resp: 155034

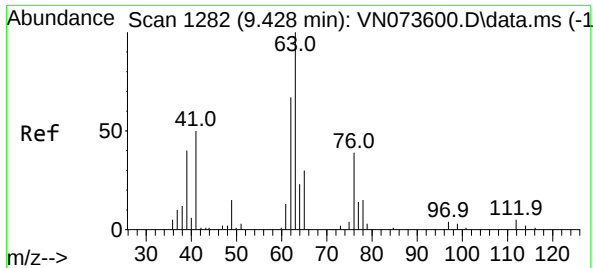
Ion Ratio Lower Upper

83 100

55 73.6 35.1 105.3

98 51.0 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.306 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072722

Tgt Ion: 63 Resp: 101509

Ion Ratio Lower Upper

63 100

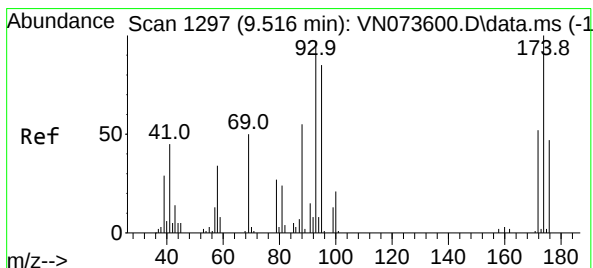
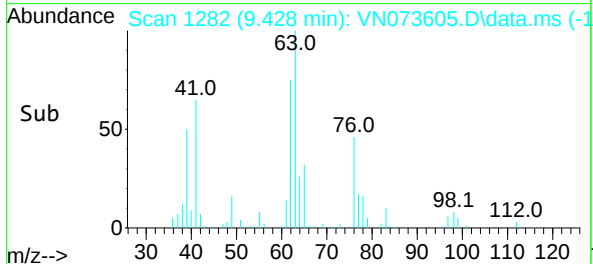
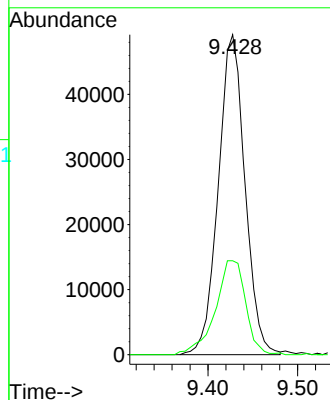
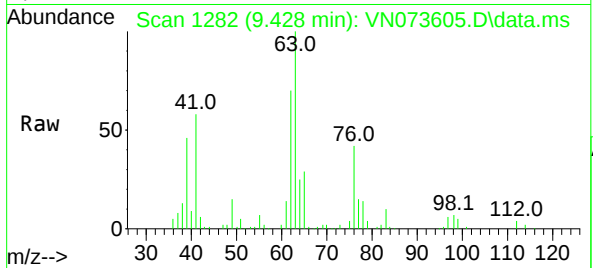
65 28.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#40

Dibromomethane

Concen: 20.812 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

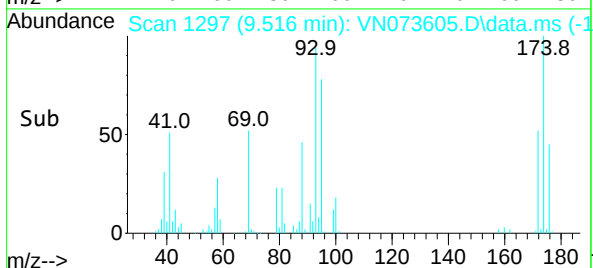
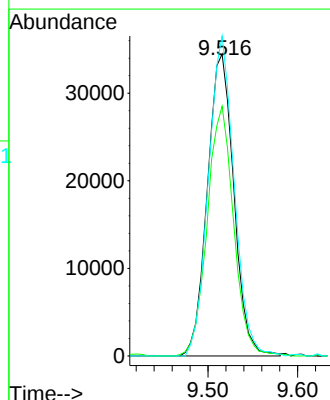
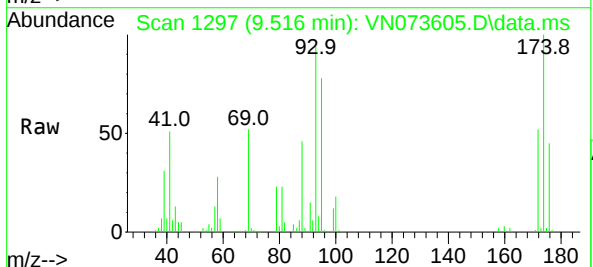
Tgt Ion: 93 Resp: 70597

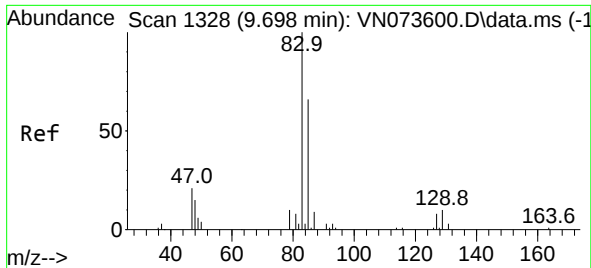
Ion Ratio Lower Upper

93 100

95 82.4 0.0 168.8

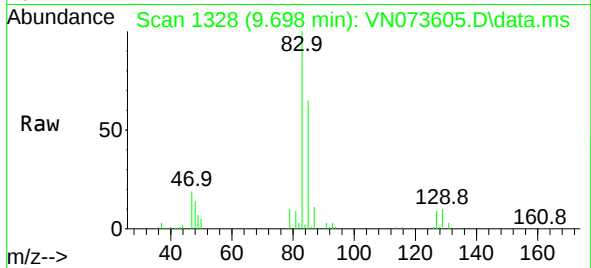
174 103.2 0.0 173.6





#41
Bromodichloromethane
Concen: 20.125 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

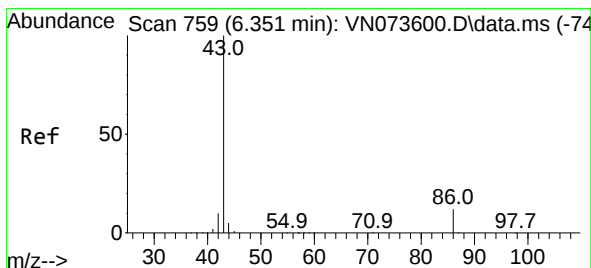
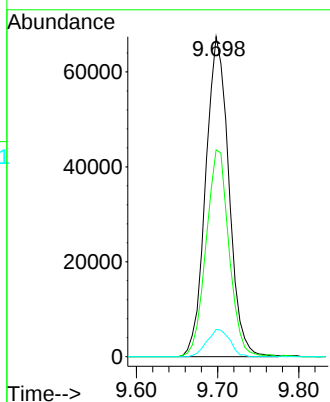
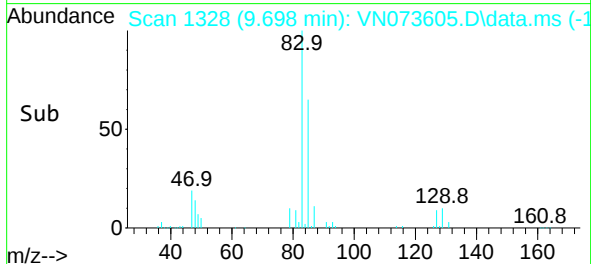
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



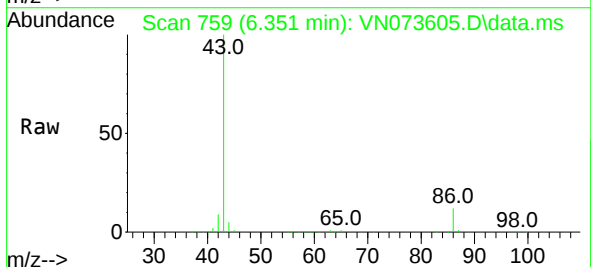
Tgt Ion: 83 Resp: 13363
Ion Ratio Lower Upper
83 100
85 64.7 54.1 81.1
127 8.5 7.6 11.4

Manual Integrations
APPROVED

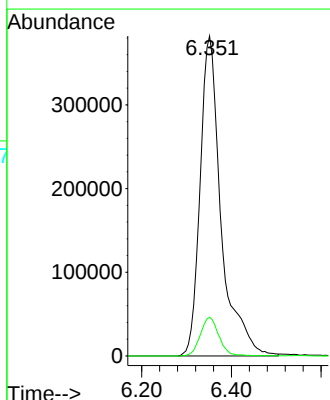
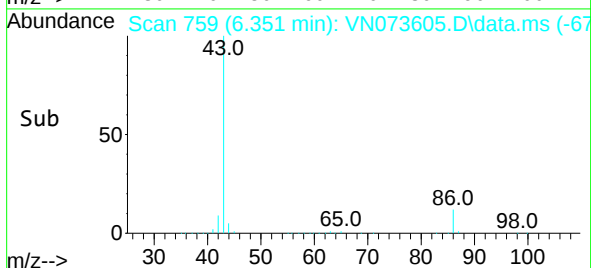
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

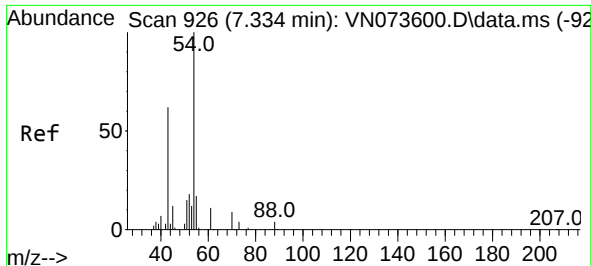


#42
Vinyl Acetate
Concen: 101.835 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



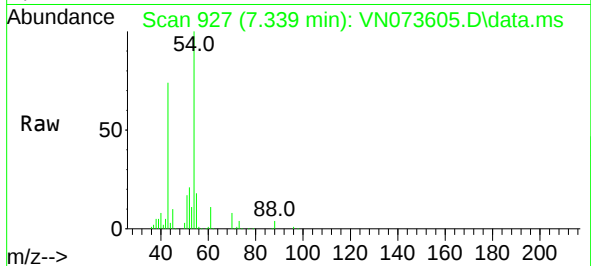
Tgt Ion: 43 Resp: 1242149
Ion Ratio Lower Upper
43 100
86 10.5 7.5 11.3





#43
Ethyl Acetate
Concen: 20.919 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

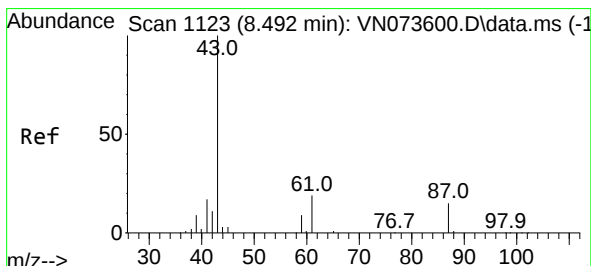
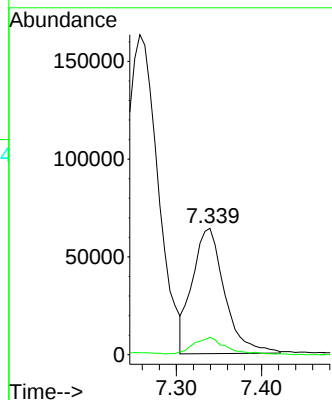
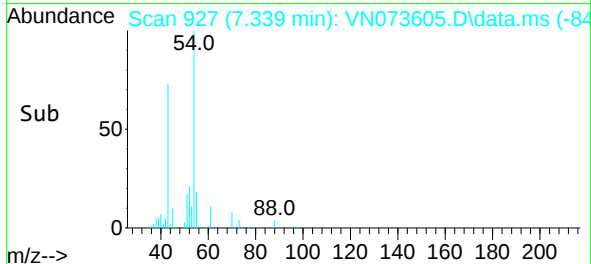
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



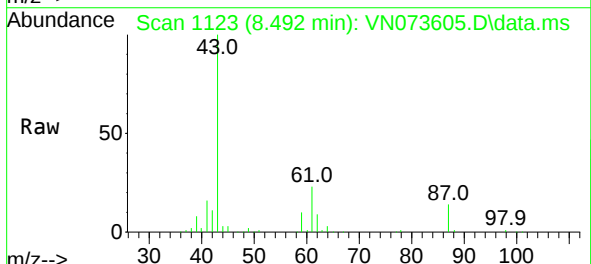
Tgt Ion: 43 Resp: 16810
Ion Ratio Lower Upper
43 100
45 12.4 10.6 16.0

Manual Integrations
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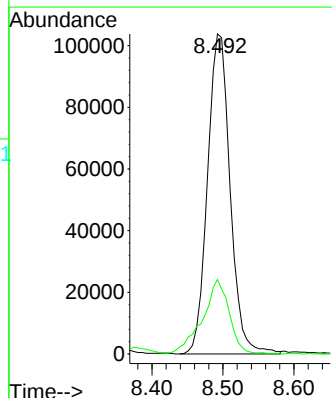
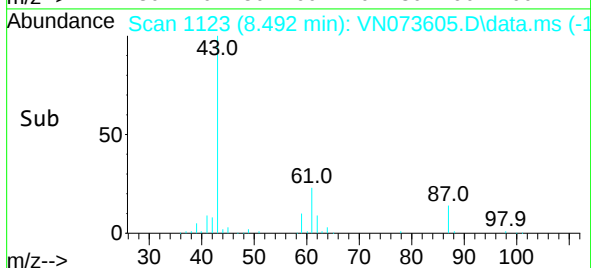
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

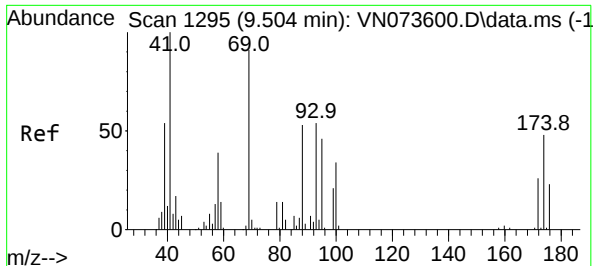


#44
Isopropyl Acetate
Concen: 20.558 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



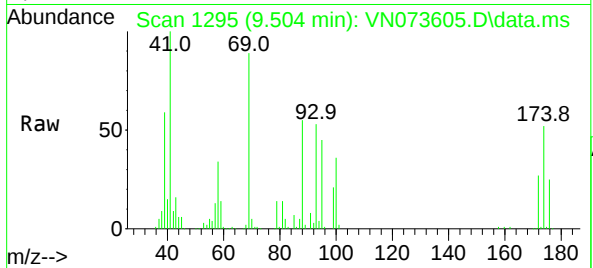
Tgt Ion: 43 Resp: 229735
Ion Ratio Lower Upper
43 100
61 27.5 20.1 30.1





#45
1,4-Dioxane
Concen: 395.808 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

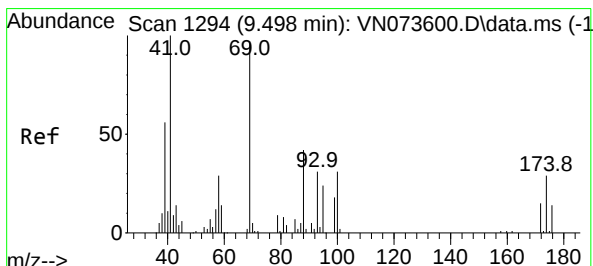
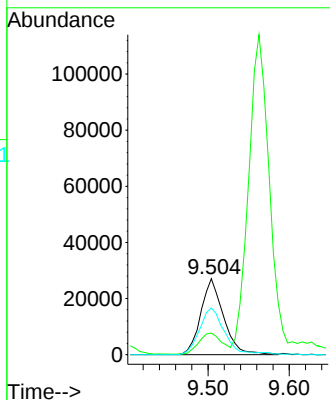
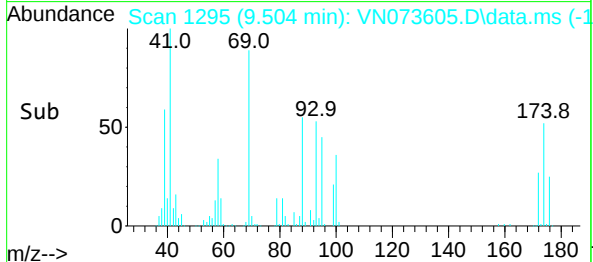
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



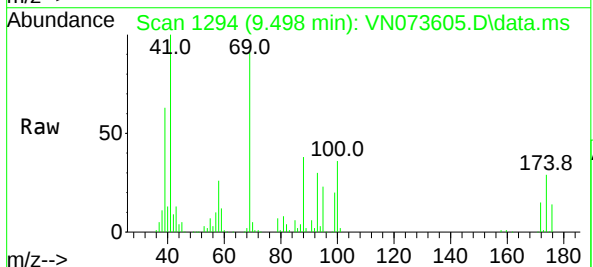
Tgt Ion: 88 Resp: 5274
Ion Ratio Lower Upper
88 100
43 28.6 25.0 37.6
58 65.6 49.4 74.2

Manual Integrations
APPROVED

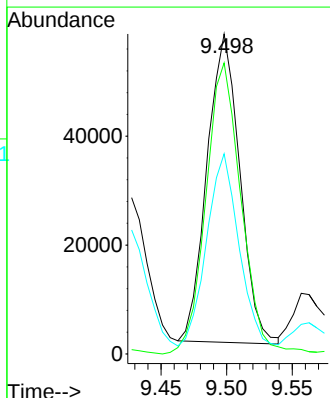
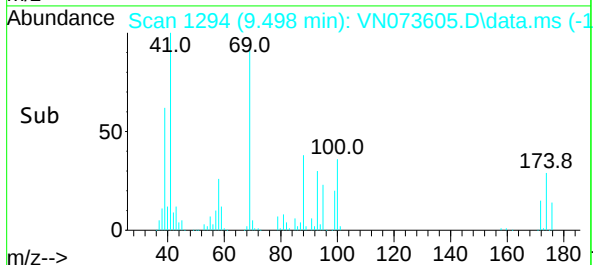
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

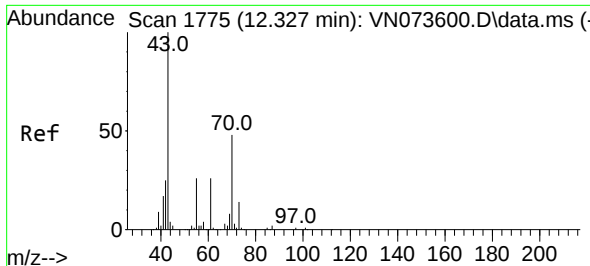


#46
Methyl methacrylate
Concen: 19.728 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



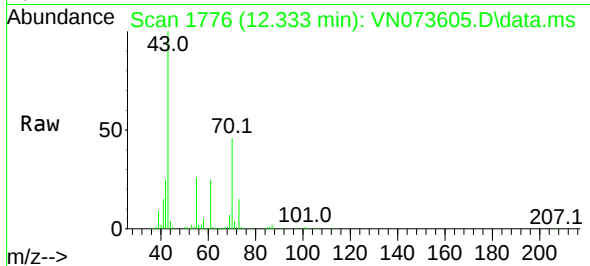
Tgt Ion: 41 Resp: 98591
Ion Ratio Lower Upper
41 100
69 92.7 44.4 133.2
39 62.6 39.9 119.6





#47
n-amy1 Acetate
Concen: 20.027 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

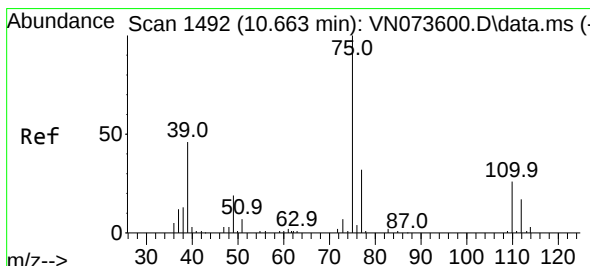
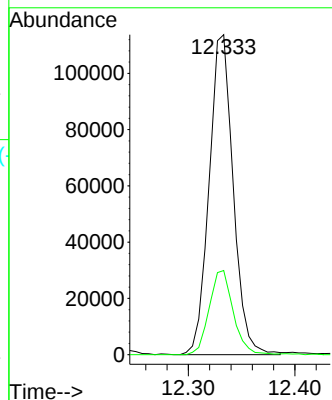
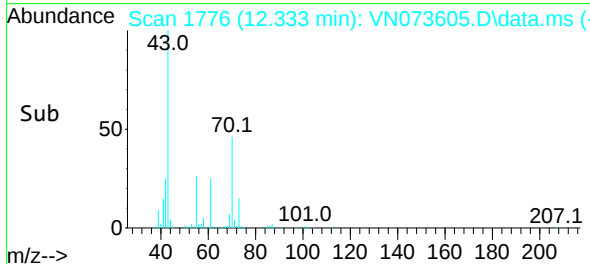
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion: 43 Resp: 178420
Ion Ratio Lower Upper
43 100
55 26.2 19.0 28.6

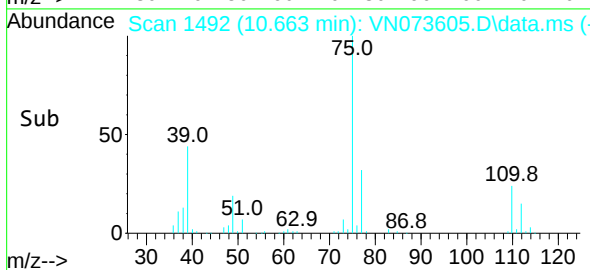
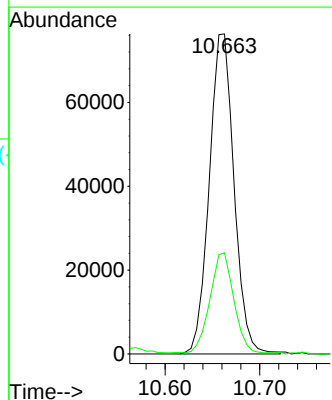
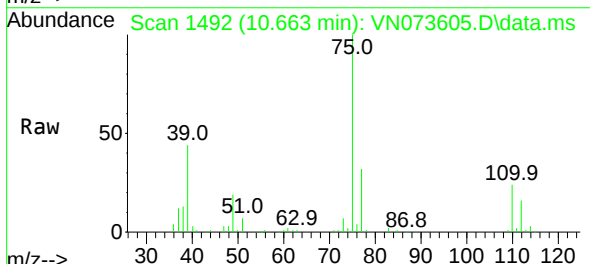
Manual Integrations
APPROVED

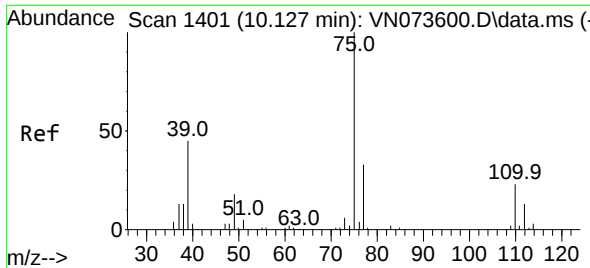
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#48
t-1,3-Dichloropropene
Concen: 20.286 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

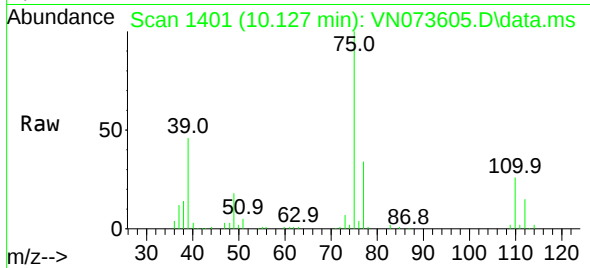
Tgt Ion: 75 Resp: 138674
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 20.288 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073605.D
 Acq: 27 Jul 2022 14:04

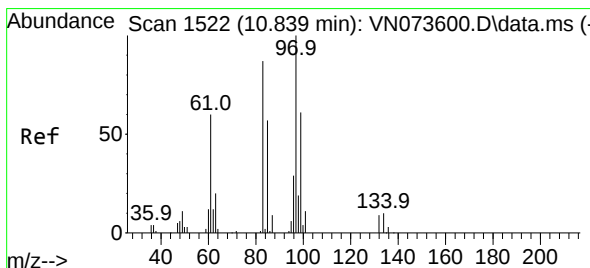
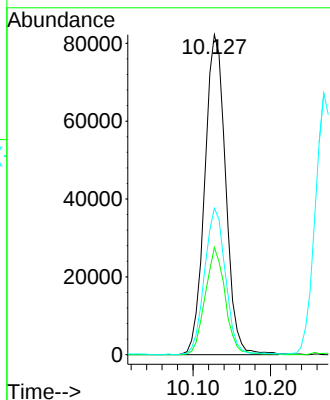
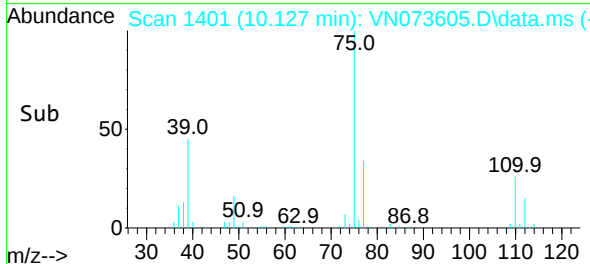
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN072722



Tgt Ion: 75 Resp: 153995
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.3 37.9
 39 45.8 46.2 69.4

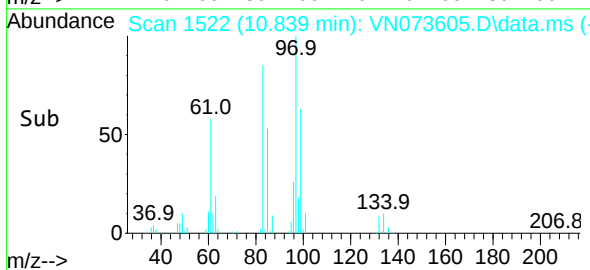
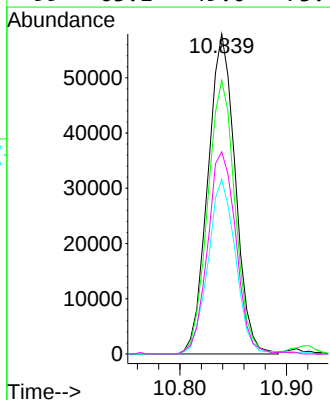
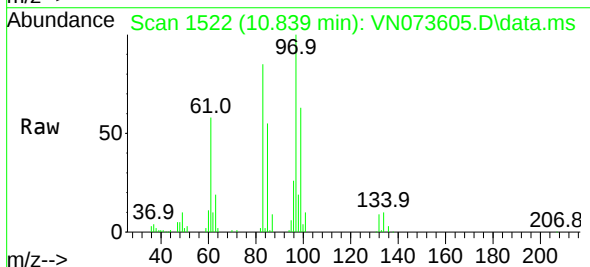
Manual Integrations
 APPROVED

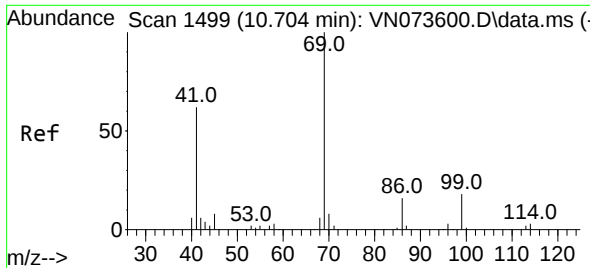
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.350 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073605.D
 Acq: 27 Jul 2022 14:04

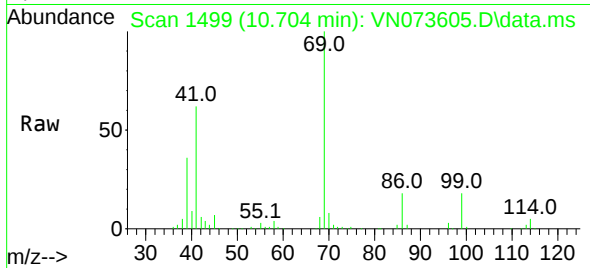
Tgt Ion: 97 Resp: 103561
 Ion Ratio Lower Upper
 97 100
 83 85.5 67.2 100.8
 85 54.6 43.0 64.4
 99 63.1 49.0 73.4





#51
Ethyl methacrylate
Concen: 20.065 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

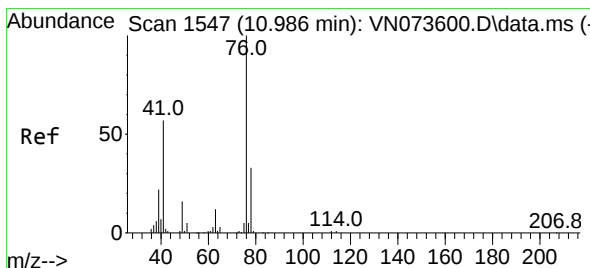
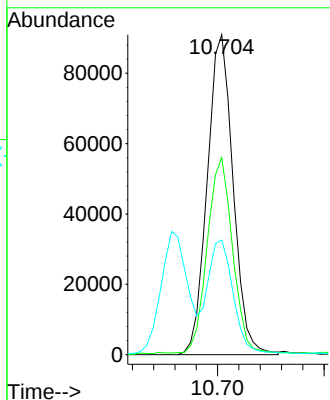
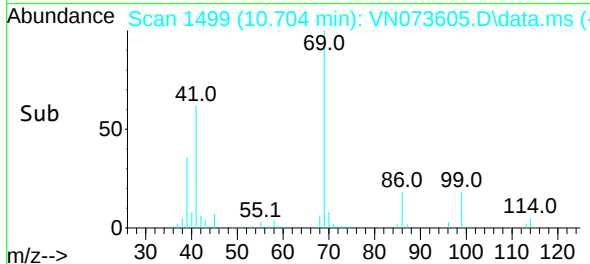
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



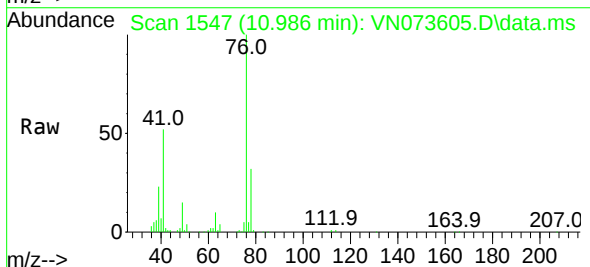
Tgt Ion: 69 Resp: 153512
Ion Ratio Lower Upper
69 100
41 60.9 33.0 98.9
39 35.3 25.4 76.4

Manual Integrations
APPROVED

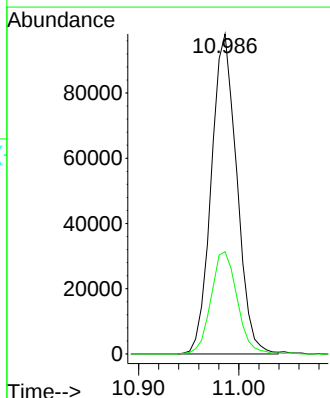
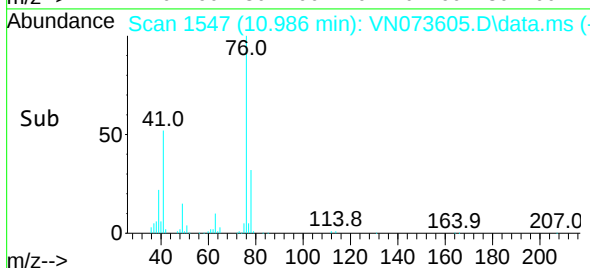
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

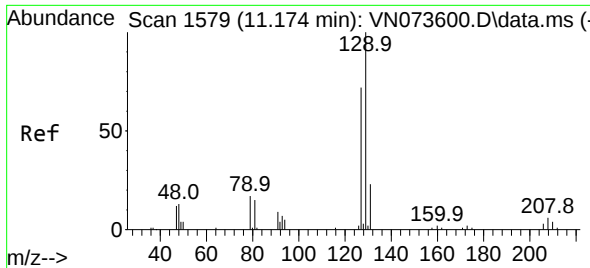


#52
1,3-Dichloropropane
Concen: 20.198 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



Tgt Ion: 76 Resp: 173252
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4





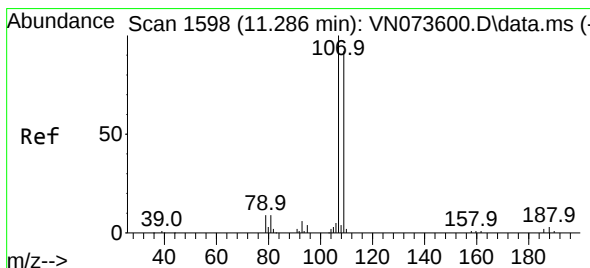
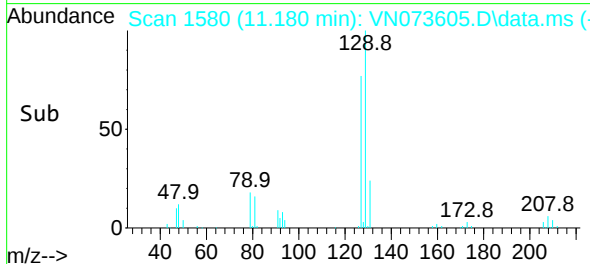
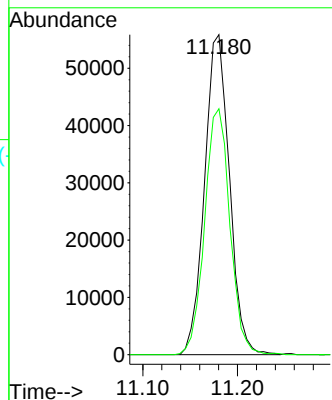
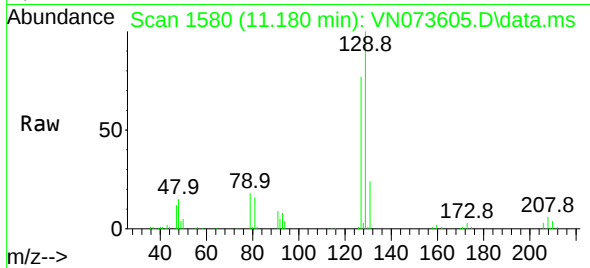
#53
Dibromochloromethane
Concen: 19.827 ug/l
RT: 11.180 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722

Tgt Ion:129 Resp: 10225
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

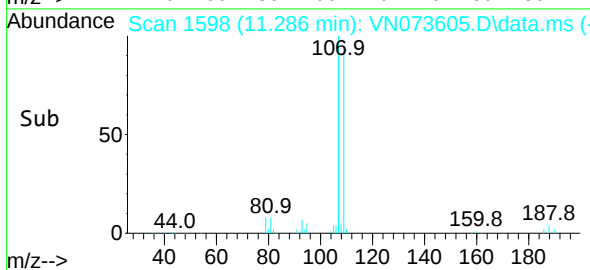
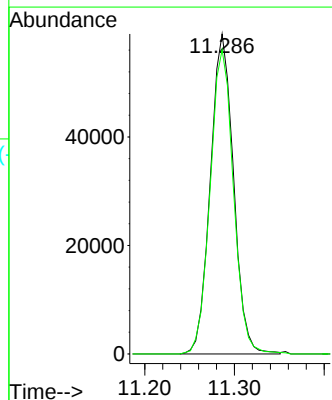
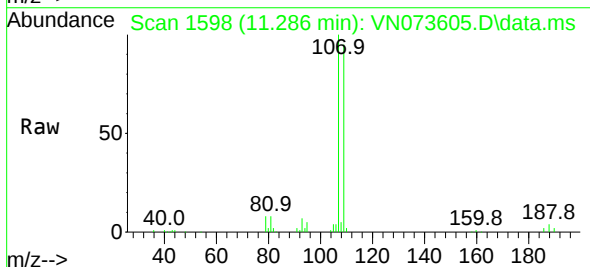
Manual Integrations
APPROVED

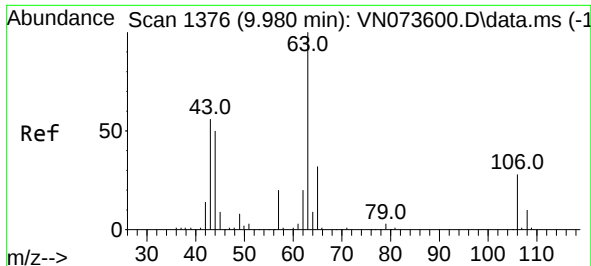
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#54
1,2-Dibromoethane
Concen: 20.350 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

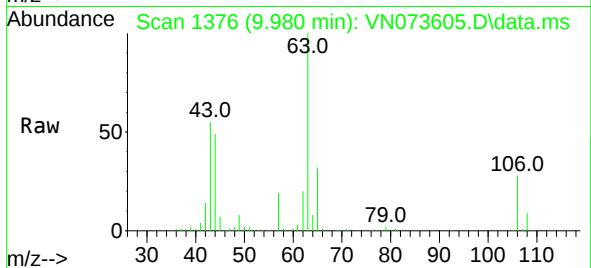
Tgt Ion:107 Resp: 105537
Ion Ratio Lower Upper
107 100
109 96.0 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 87.394 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

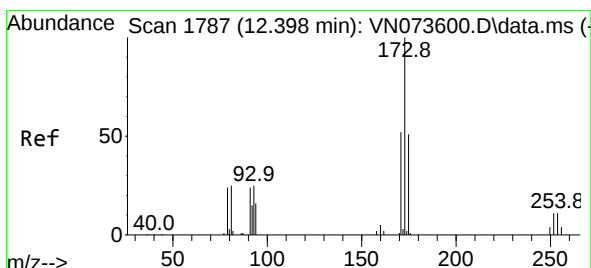
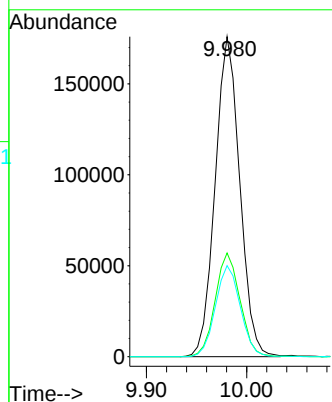
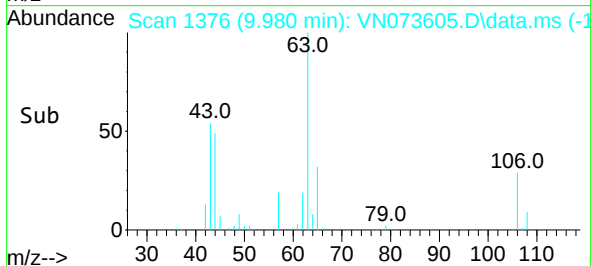
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion: 63 Resp: 299894
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.0
106 28.8 23.2 34.8

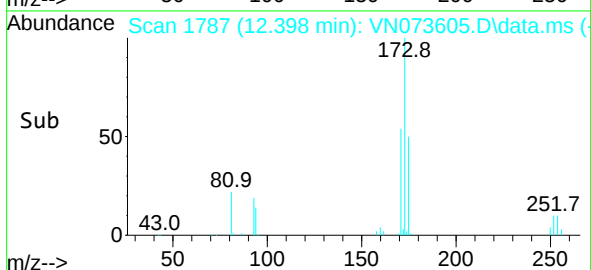
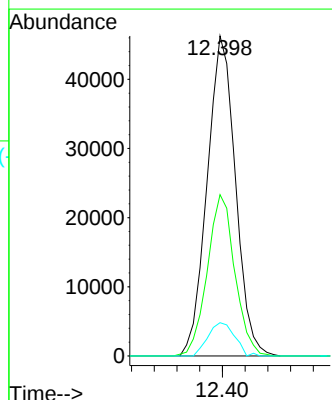
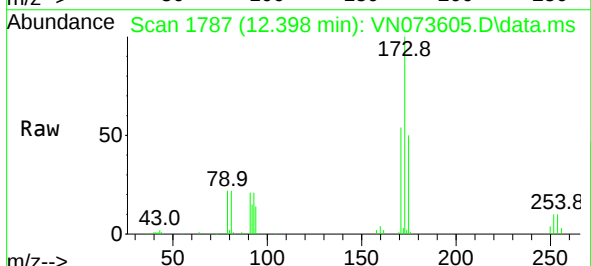
Manual Integrations
APPROVED

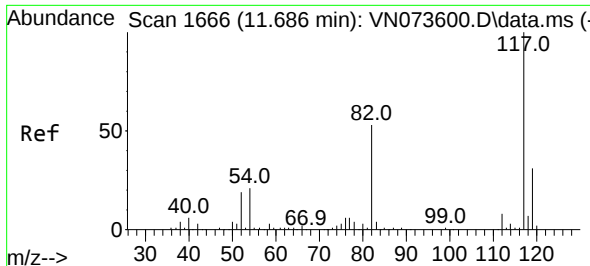
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#56
Bromoform
Concen: 19.767 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

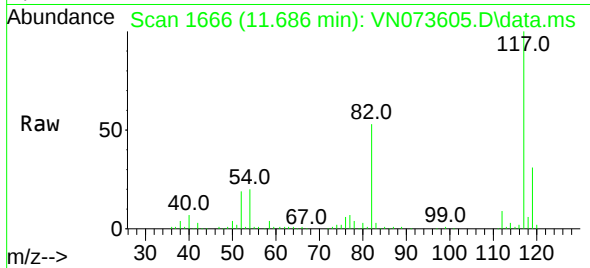
Tgt Ion:173 Resp: 80114
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 9.6 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

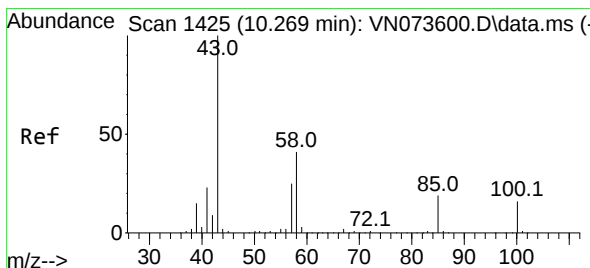
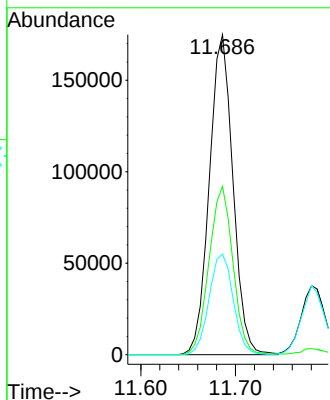
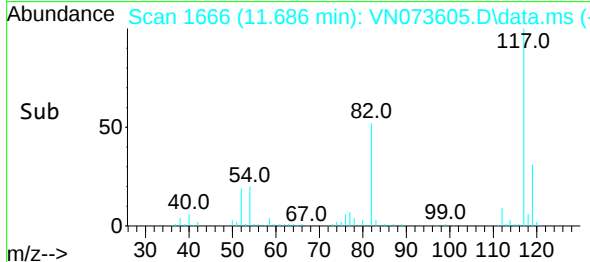
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



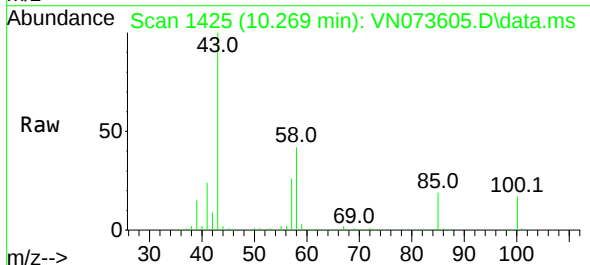
Tgt Ion: 117 Resp: 302833
Ion Ratio Lower Upper
117 100
82 53.2 43.6 65.4
119 32.2 25.8 38.6

Manual Integrations
APPROVED

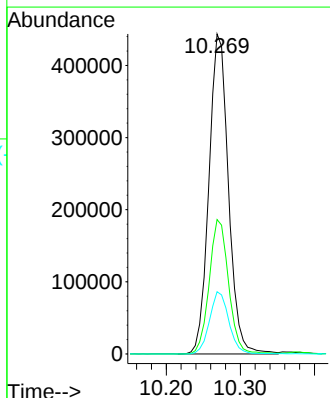
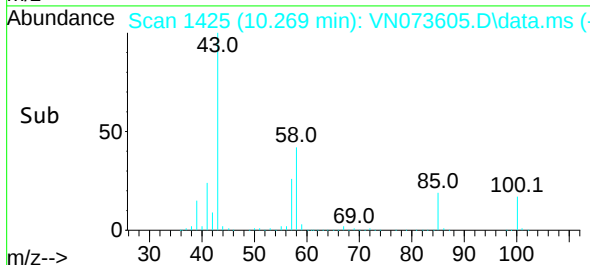
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

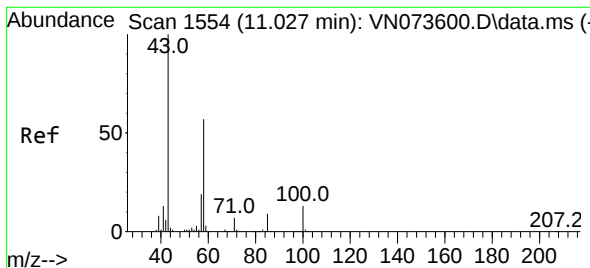


#58
4-Methyl-2-Pentanone
Concen: 103.587 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



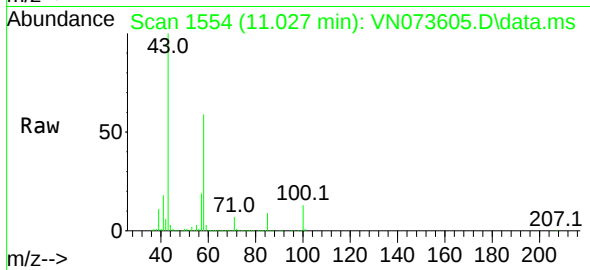
Tgt Ion: 43 Resp: 811124
Ion Ratio Lower Upper
43 100
58 41.7 30.0 45.0
85 19.2 15.0 22.6





#59
2-Hexanone
Concen: 103.923 ug/l
RT: 11.027 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

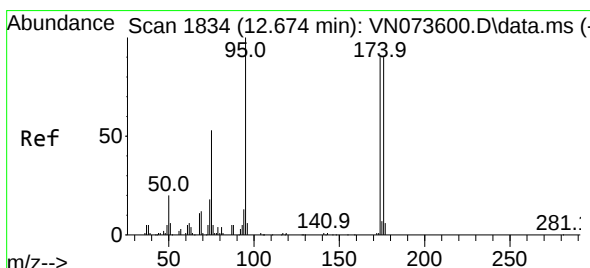
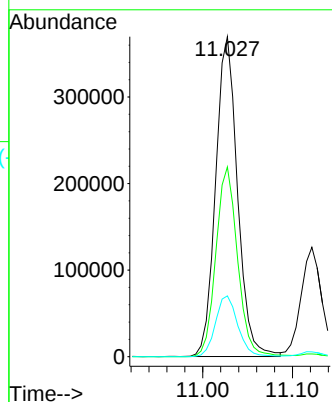
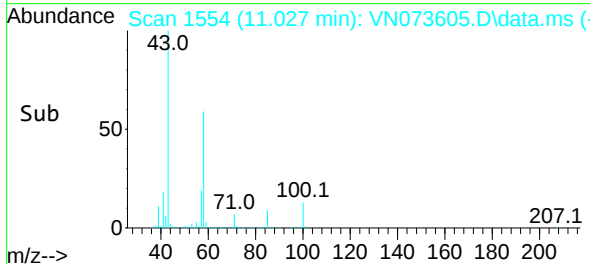
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



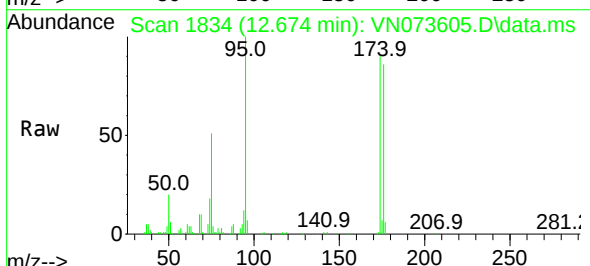
Tgt Ion: 43 Resp: 62678
Ion Ratio Lower Upper
43 100
58 58.7 42.2 63.2
57 19.5 15.0 22.4

Manual Integrations
APPROVED

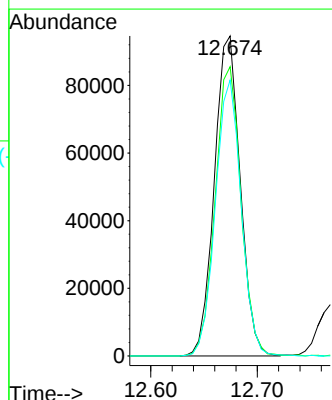
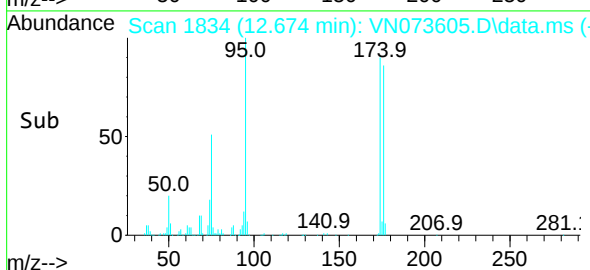
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

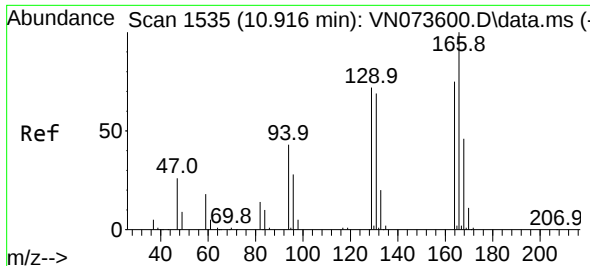


#60
4-Bromofluorobenzene
Concen: 29.761 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



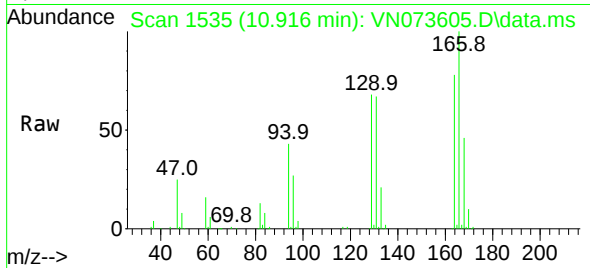
Tgt Ion: 95 Resp: 159581
Ion Ratio Lower Upper
95 100
174 90.0 62.9 94.3
176 85.7 61.0 91.4





#61
Tetrachloroethene
Concen: 21.914 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

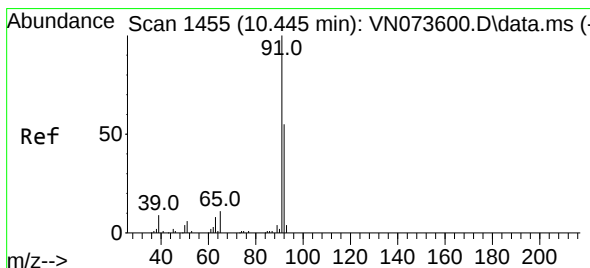
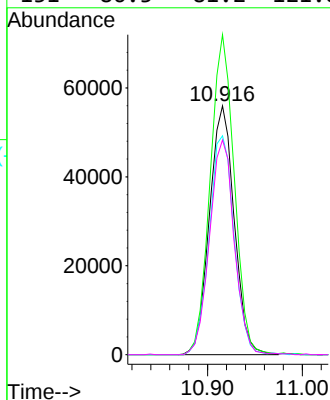
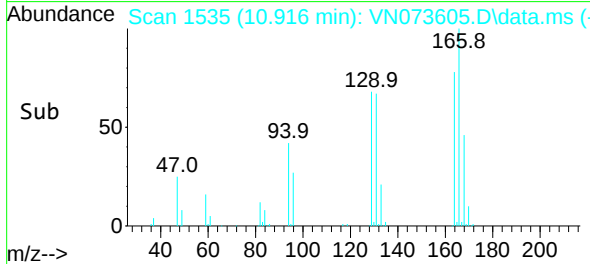
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion:164 Resp: 10165
Ion Ratio Lower Upper
164 100
166 128.6 105.8 158.8
129 88.0 82.5 123.7
131 86.3 81.2 121.8

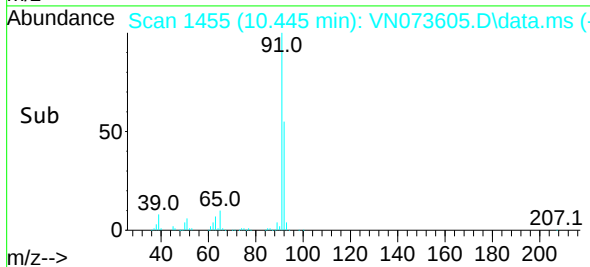
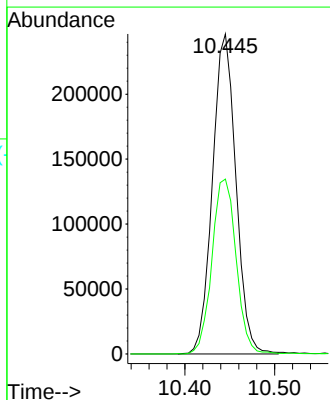
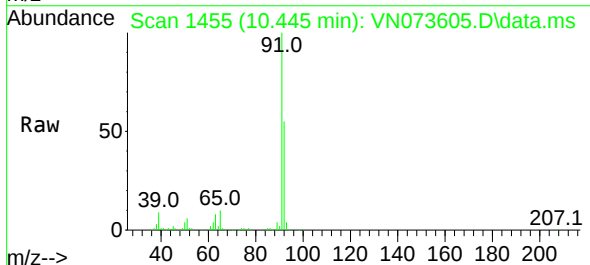
Manual Integrations
APPROVED

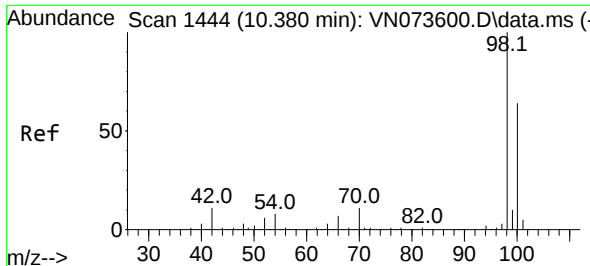
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#62
Toluene
Concen: 21.210 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

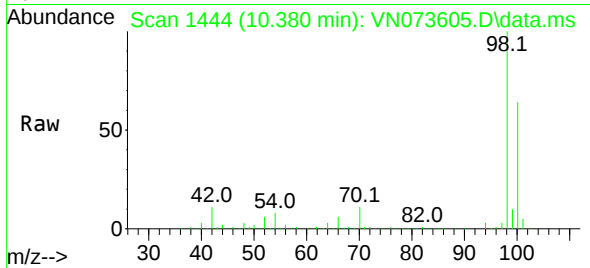
Tgt Ion: 91 Resp: 446667
Ion Ratio Lower Upper
91 100
92 56.4 44.6 67.0





#63
Toluene-d8
Concen: 30.095 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

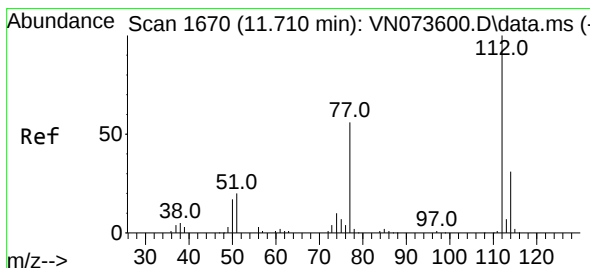
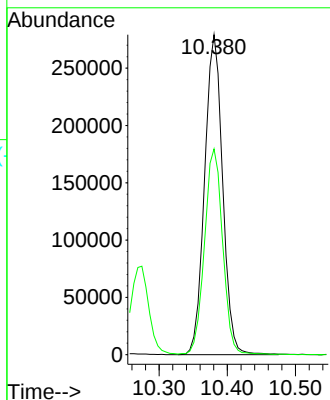
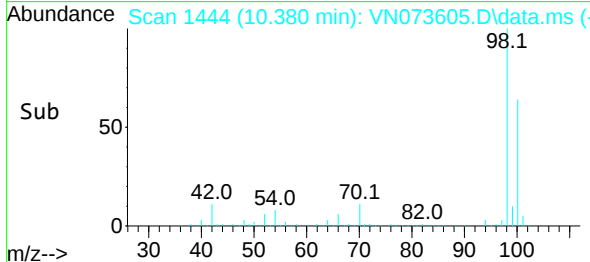
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



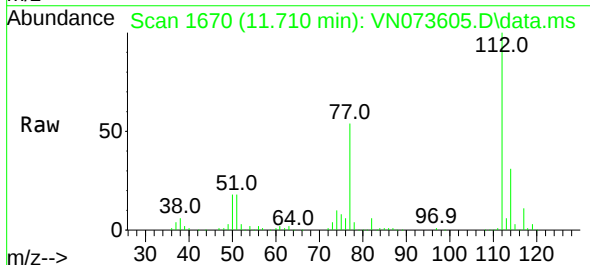
Tgt Ion: 98 Resp: 51317
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

Manual Integrations
APPROVED

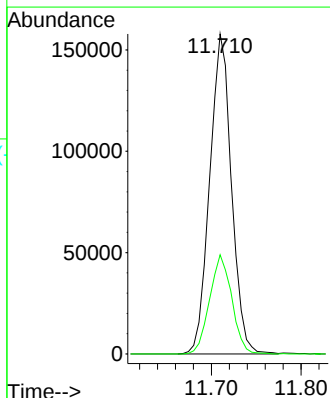
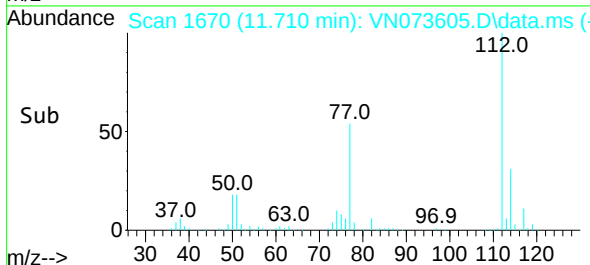
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

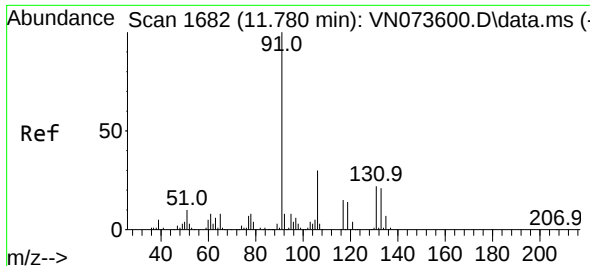


#64
Chlorobenzene
Concen: 21.105 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



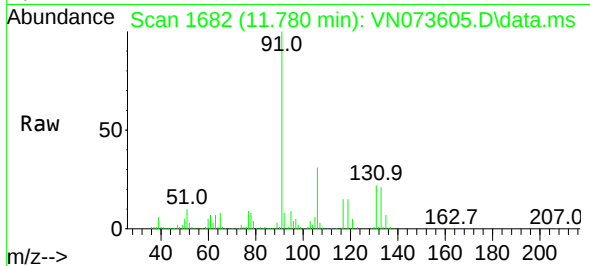
Tgt Ion:112 Resp: 265558
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.890 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

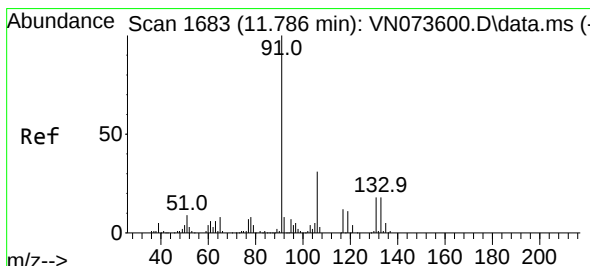
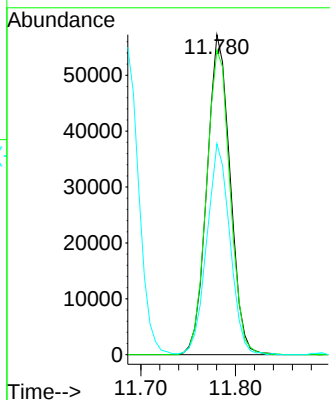
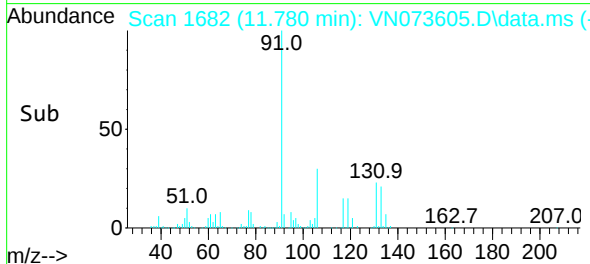
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion:131 Resp: 97568
Ion Ratio Lower Upper
131 100
133 96.8 0.0 191.2
119 65.6 0.0 128.8

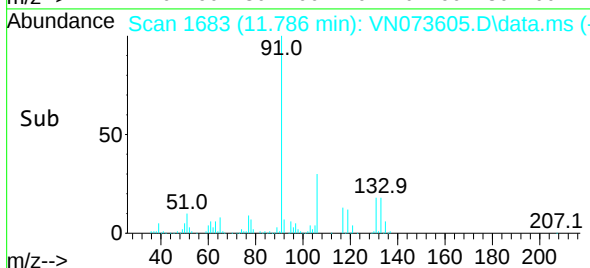
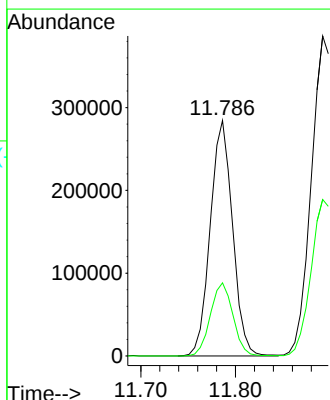
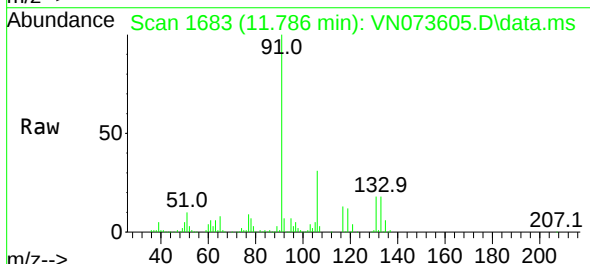
Manual Integrations
APPROVED

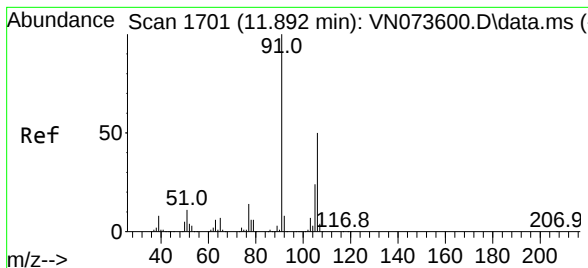
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#66
Ethyl Benzene
Concen: 20.677 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

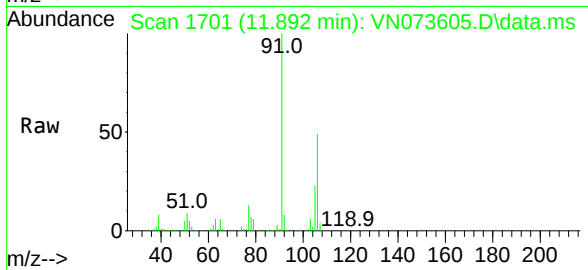
Tgt Ion: 91 Resp: 465520
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





#67
m/p-Xylenes
Concen: 42.707 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

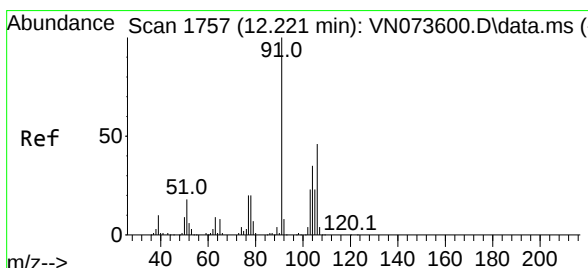
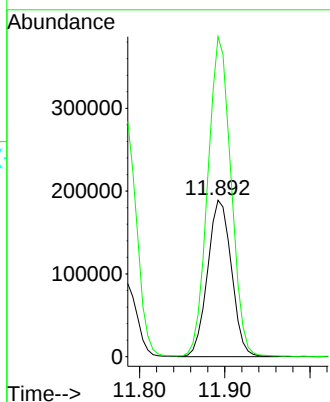
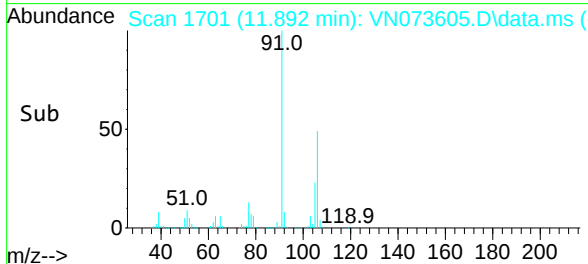
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



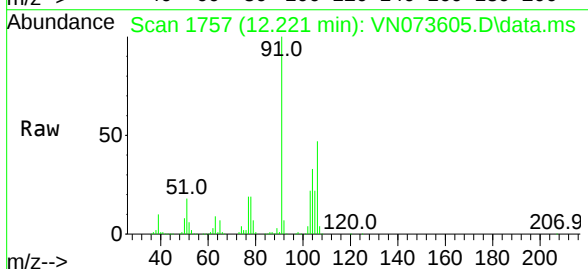
Tgt Ion:106 Resp: 367499
Ion Ratio Lower Upper
106 100
91 199.8 162.9 244.3

Manual Integrations
APPROVED

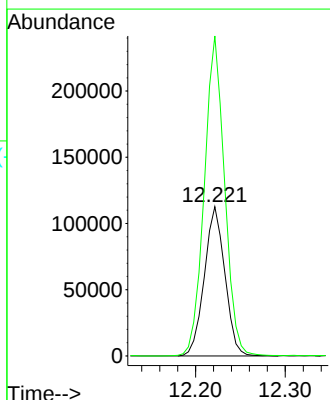
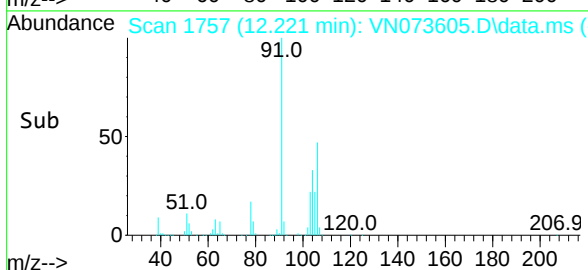
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

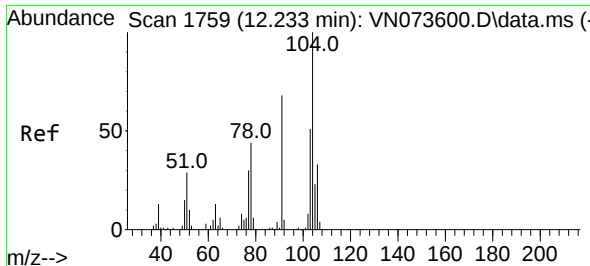


#68
o-Xylene
Concen: 20.922 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



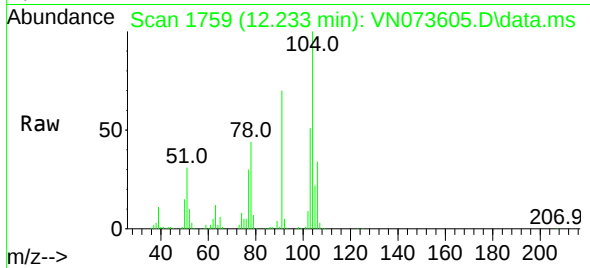
Tgt Ion:106 Resp: 178822
Ion Ratio Lower Upper
106 100
91 212.6 107.7 323.1





#69
Styrene
Concen: 20.603 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

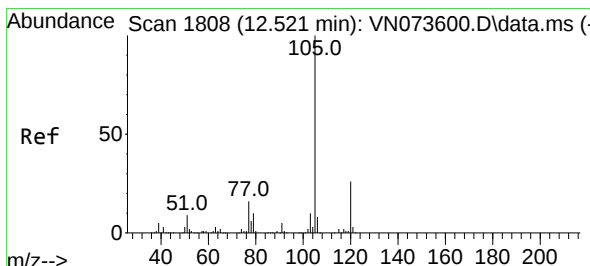
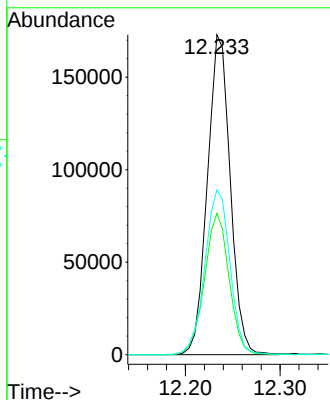
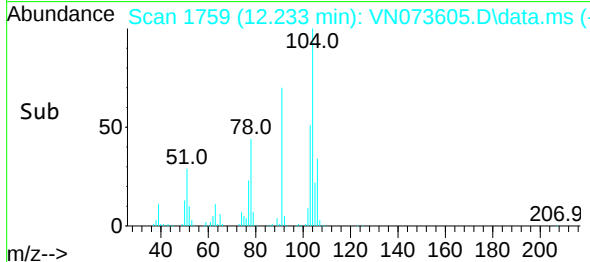
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



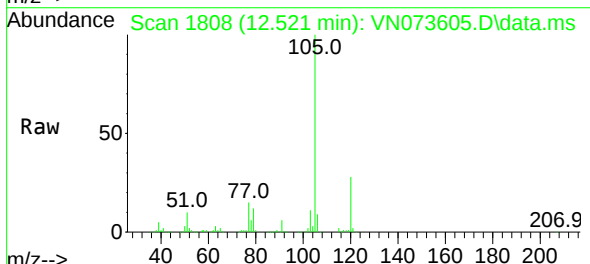
Tgt Ion:104 Resp: 290240
Ion Ratio Lower Upper
104 100
78 47.4 40.7 61.1
103 56.5 45.8 68.8

Manual Integrations
APPROVED

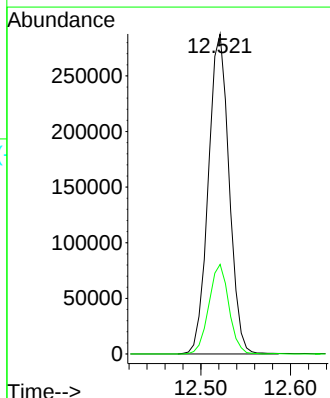
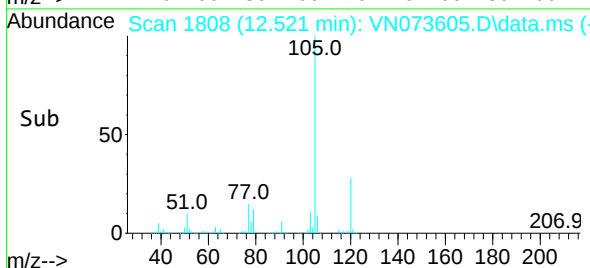
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

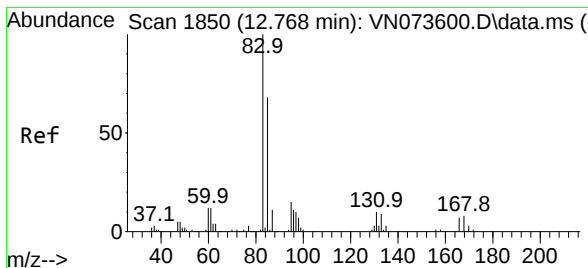


#70
Isopropylbenzene
Concen: 21.149 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



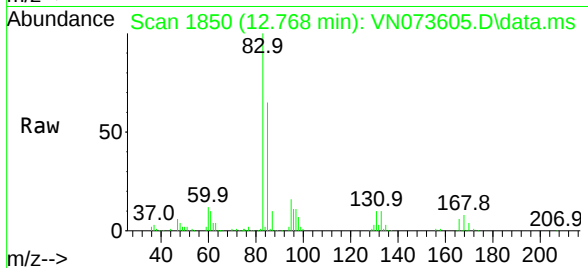
Tgt Ion:105 Resp: 462136
Ion Ratio Lower Upper
105 100
120 27.0 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.972 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

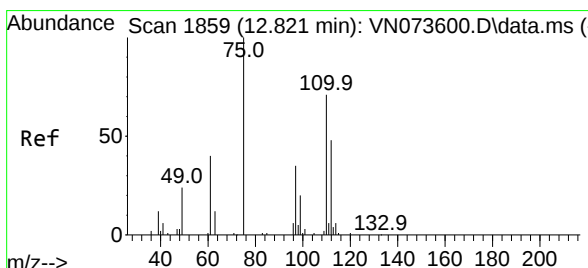
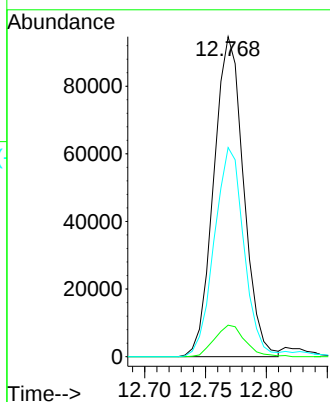
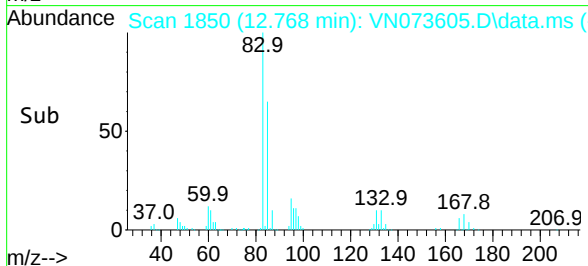
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion: 83 Resp: 161130
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 64.9 33.1 99.2

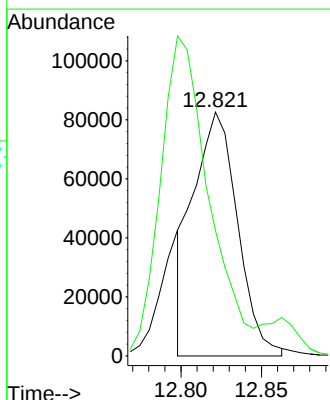
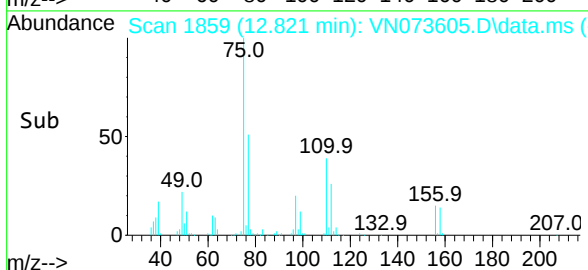
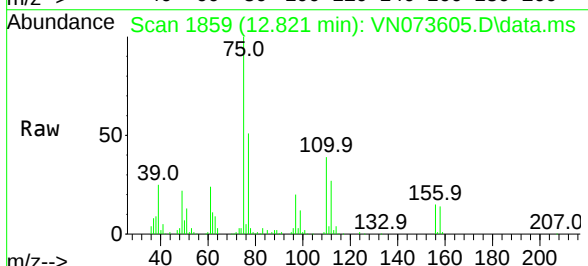
Manual Integrations
APPROVED

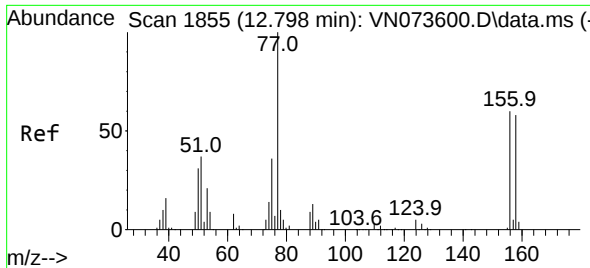
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#72
1,2,3-Trichloropropane
Concen: 24.581 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

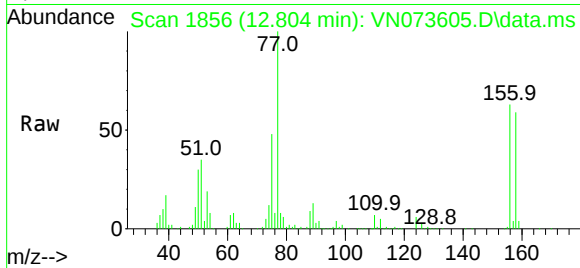
Tgt Ion: 75 Resp: 157735
Ion Ratio Lower Upper
75 100
77 144.3 0.0 378.0





#73
Bromobenzene
Concen: 21.178 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

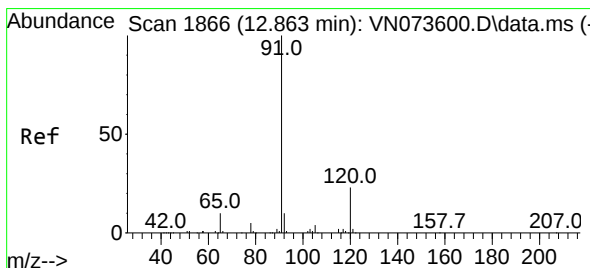
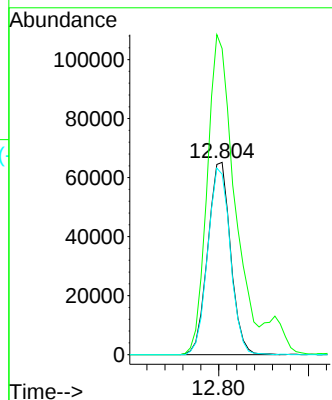
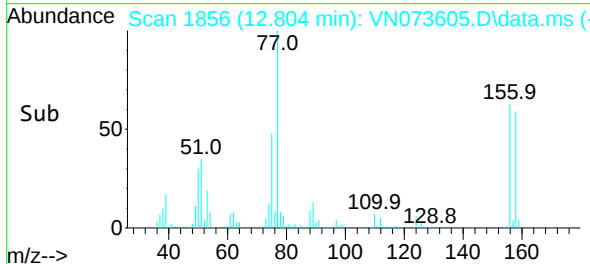
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion:156 Resp: 11495
Ion Ratio Lower Upper
156 100
77 198.0 0.0 416.0
158 96.1 0.0 195.4

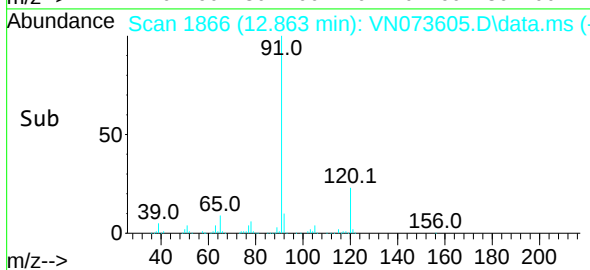
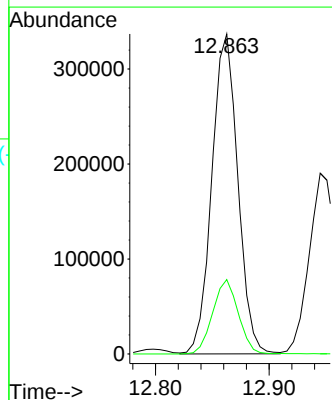
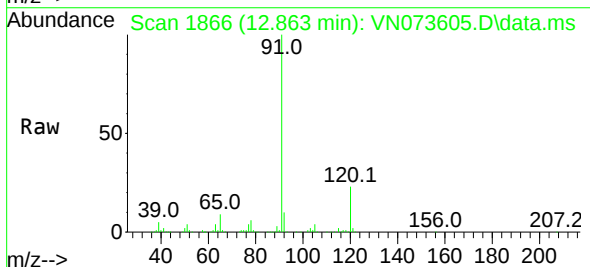
Manual Integrations
APPROVED

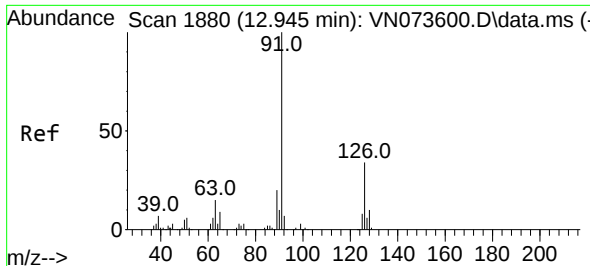
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#74
n-propylbenzene
Concen: 21.039 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

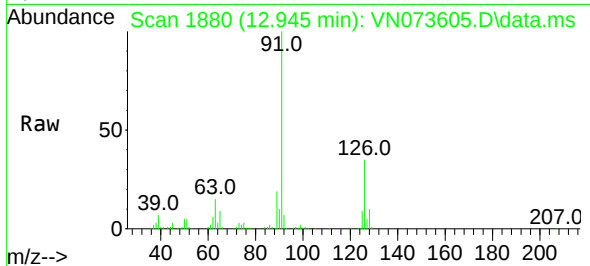
Tgt Ion: 91 Resp: 535029
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.0





#75
2-Chlorotoluene
Concen: 21.180 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

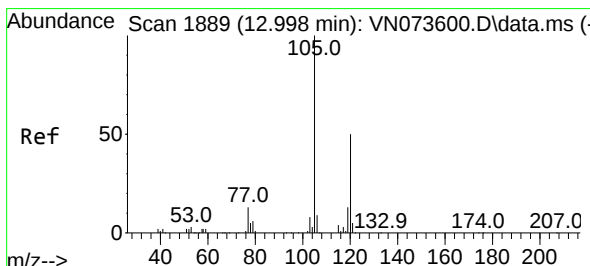
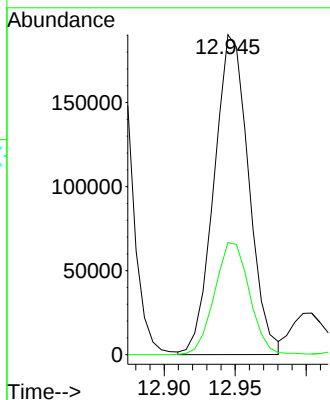
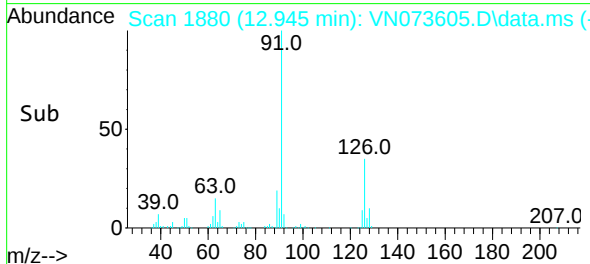
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



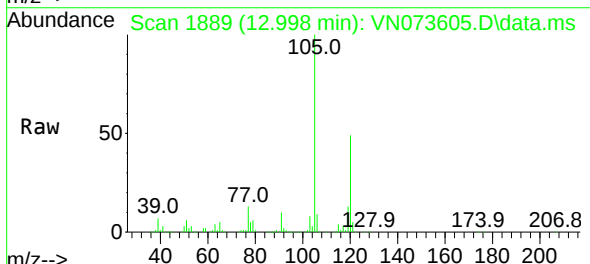
Tgt Ion: 91 Resp: 32286
Ion Ratio Lower Upper
91 100
126 35.2 0.0 69.8

Manual Integrations
APPROVED

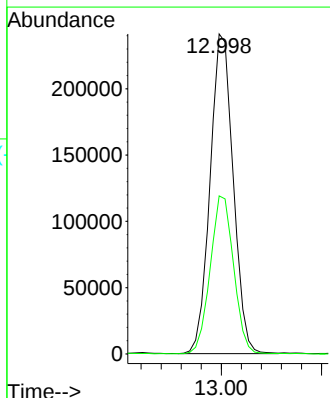
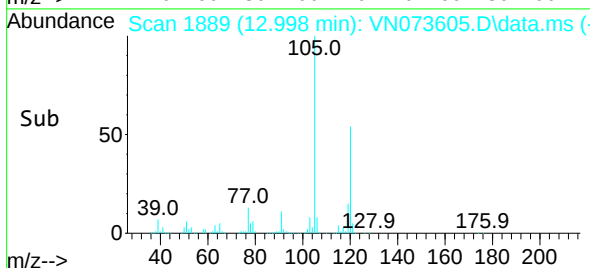
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

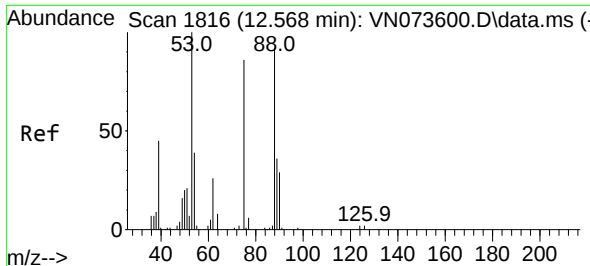


#76
1,3,5-Trimethylbenzene
Concen: 21.105 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



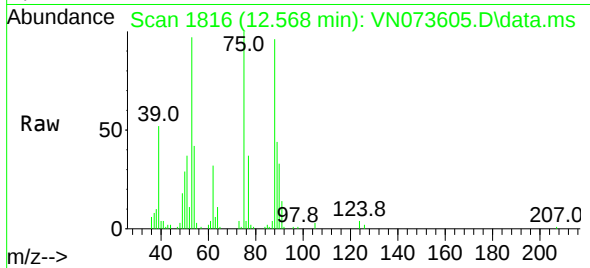
Tgt Ion:105 Resp: 386287
Ion Ratio Lower Upper
105 100
120 50.0 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.960 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

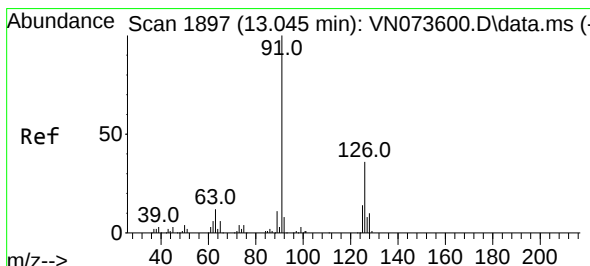
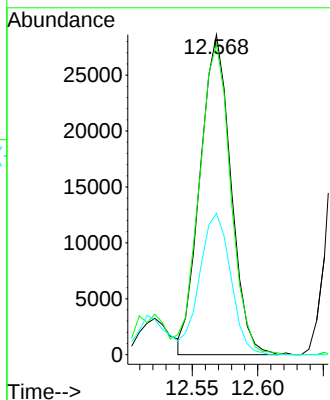
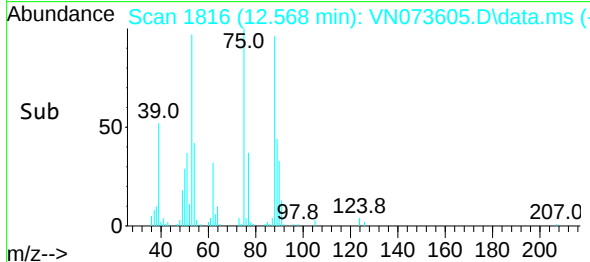
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion: 75 Resp: 46678
Ion Ratio Lower Upper
75 100
53 96.7 51.8 155.5
89 43.3 22.9 68.7

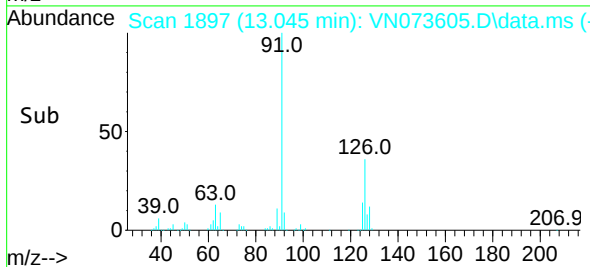
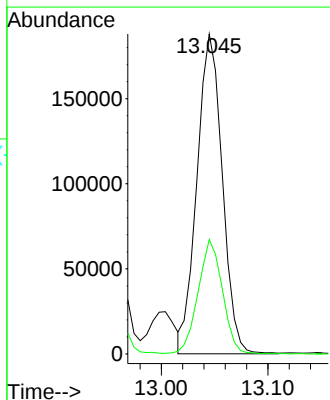
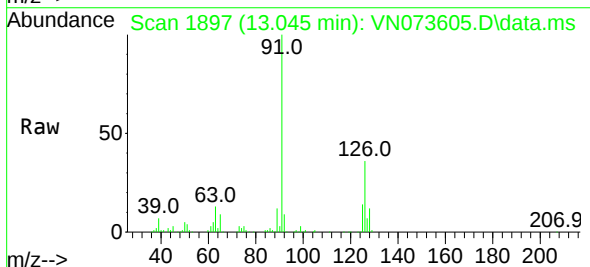
Manual Integrations
APPROVED

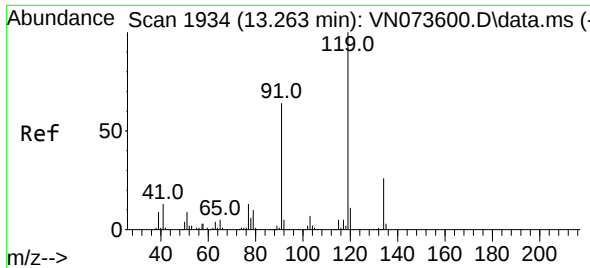
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#78
4-Chlorotoluene
Concen: 21.240 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

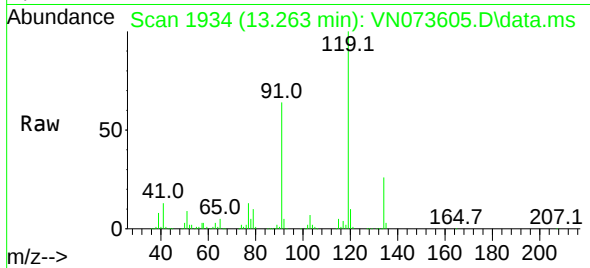
Tgt Ion: 91 Resp: 311036
Ion Ratio Lower Upper
91 100
126 34.4 0.0 70.6





#79
tert-butylbenzene
Concen: 21.530 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

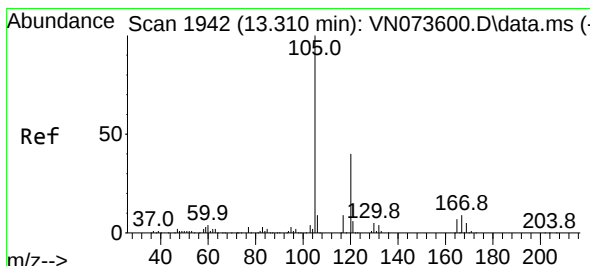
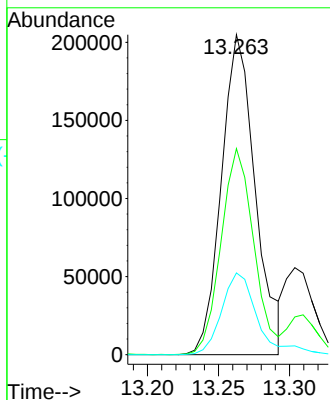
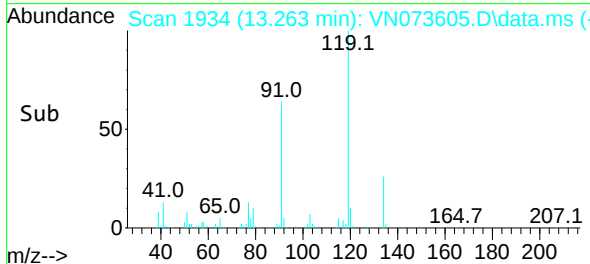
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



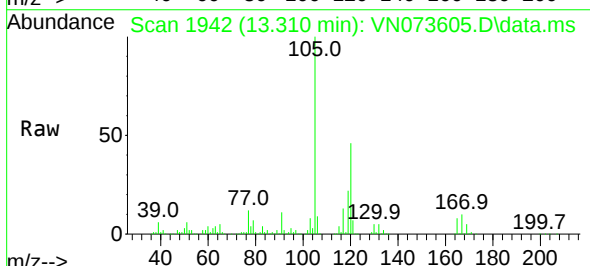
Tgt Ion:119 Resp: 340680
Ion Ratio Lower Upper
119 100
91 62.3 0.0 137.0
134 25.0 0.0 47.6

Manual Integrations
APPROVED

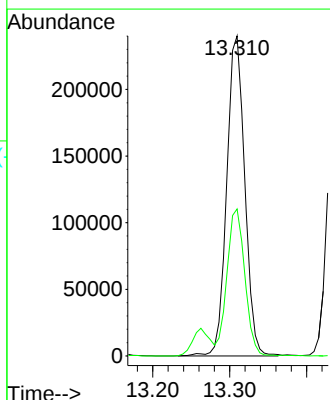
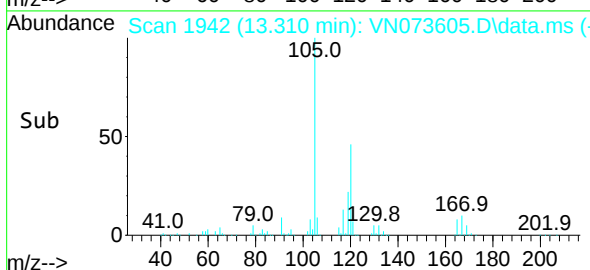
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

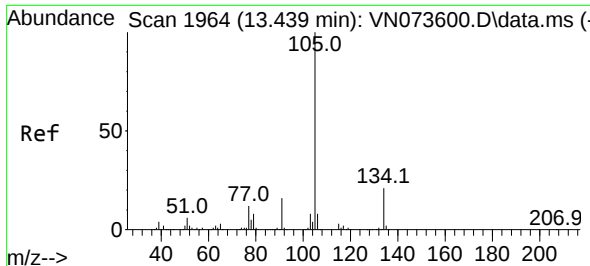


#80
1,2,4-Trimethylbenzene
Concen: 21.533 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



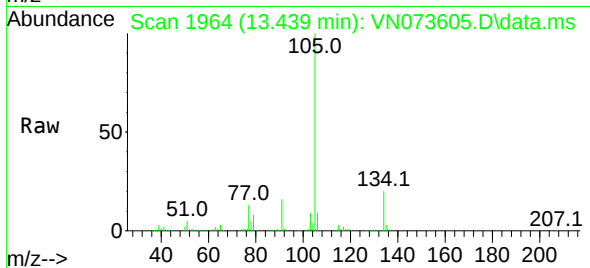
Tgt Ion:105 Resp: 390378
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 20.807 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073605.D
 Acq: 27 Jul 2022 14:04

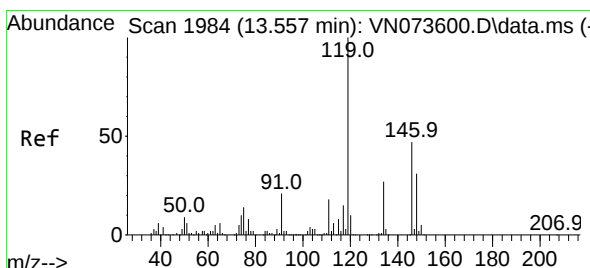
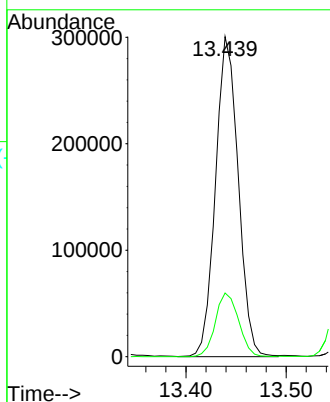
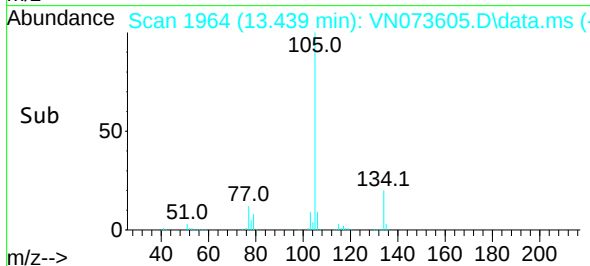
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN072722



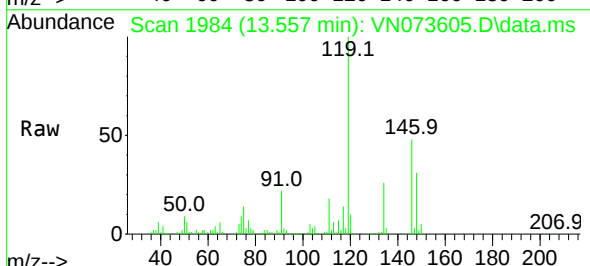
Tgt Ion:105 Resp: 47274
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.4

Manual Integrations
 APPROVED

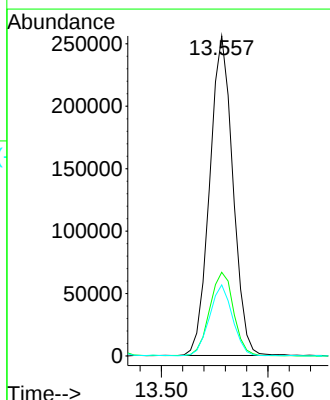
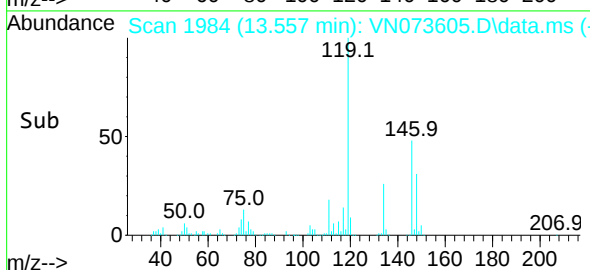
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

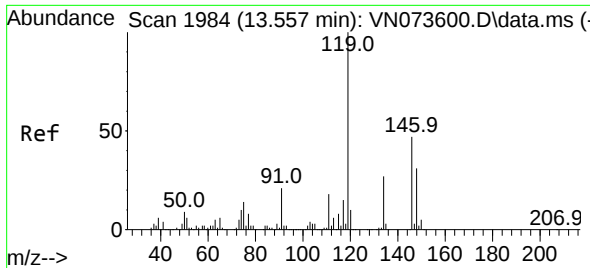


#82
 p-Isopropyltoluene
 Concen: 20.753 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073605.D
 Acq: 27 Jul 2022 14:04



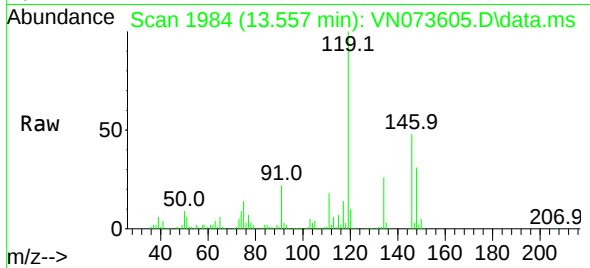
Tgt Ion:119 Resp: 387123
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 51.8
 91 22.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 21.082 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

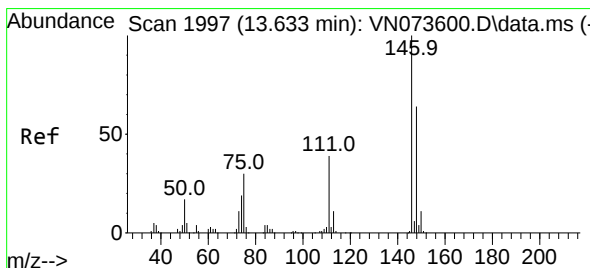
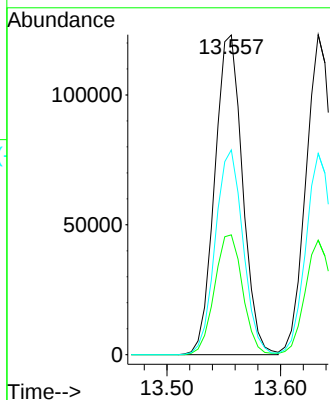
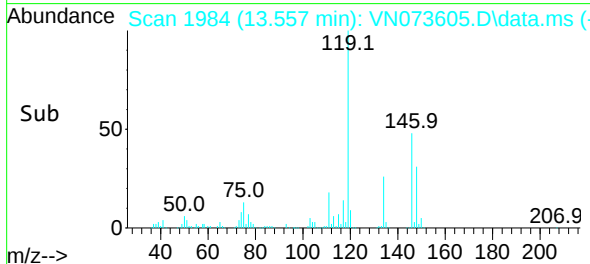
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion:146 Resp: 209468
Ion Ratio Lower Upper
146 100
111 37.9 20.8 62.2
148 64.1 31.4 94.3

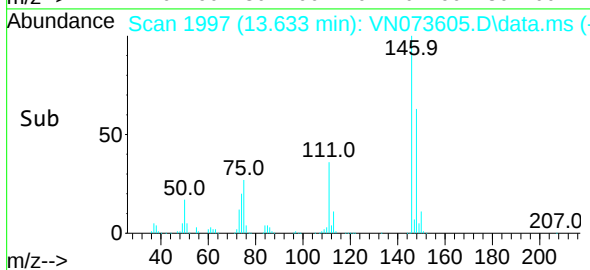
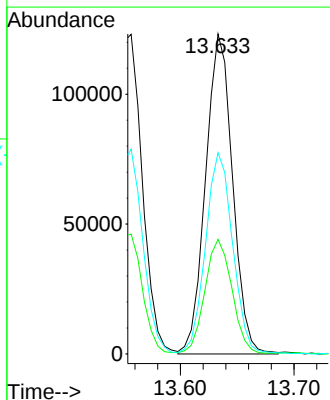
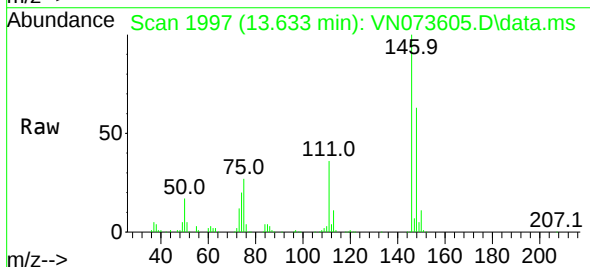
Manual Integrations
APPROVED

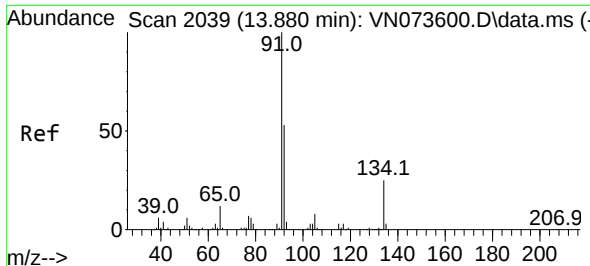
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#84
1,4-Dichlorobenzene
Concen: 21.211 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

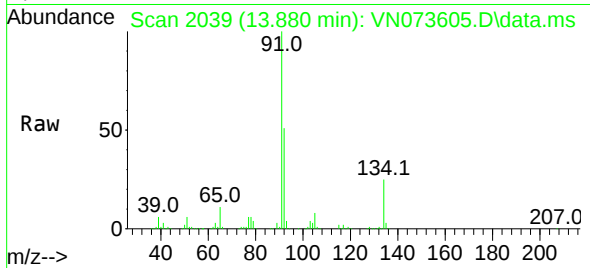
Tgt Ion:146 Resp: 203299
Ion Ratio Lower Upper
146 100
111 36.0 19.5 58.5
148 63.5 31.1 93.5





#85
n-Butylbenzene
Concen: 20.186 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

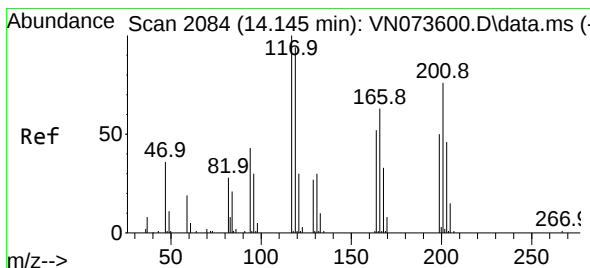
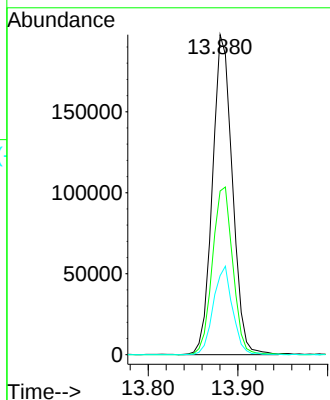
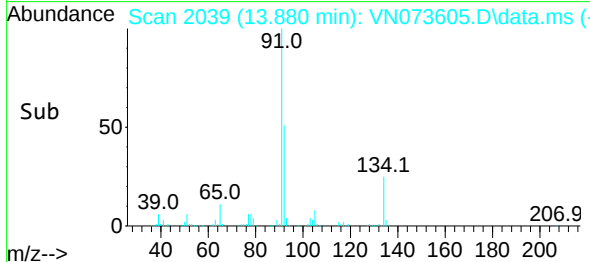
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion: 91 Resp: 305229
Ion Ratio Lower Upper
91 100
92 53.6 0.0 100.6
134 26.6 0.0 50.2

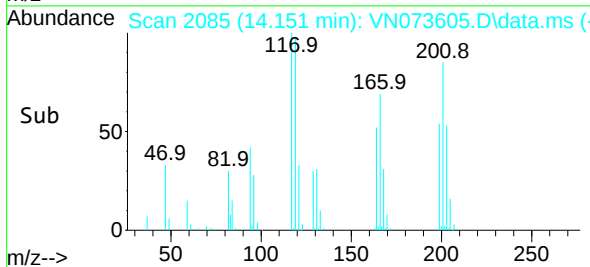
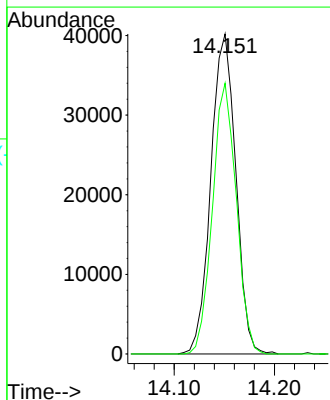
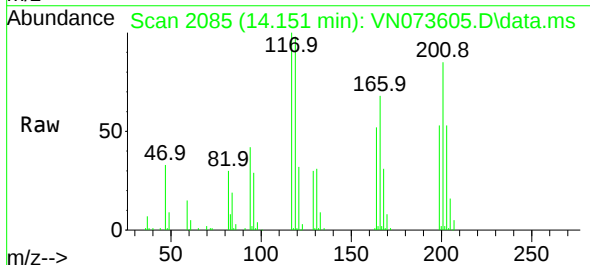
Manual Integrations
APPROVED

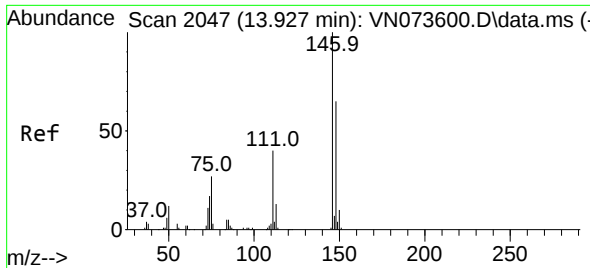
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#86
Hexachloroethane
Concen: 20.303 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

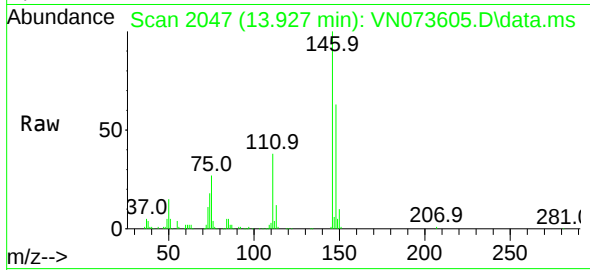
Tgt Ion:117 Resp: 69457
Ion Ratio Lower Upper
117 100
201 80.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.492 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

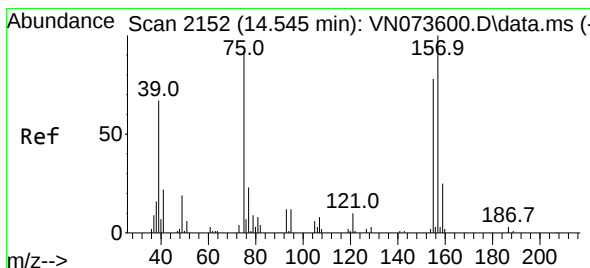
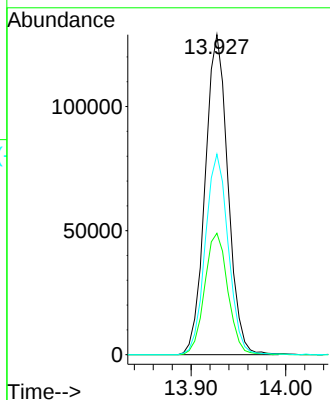
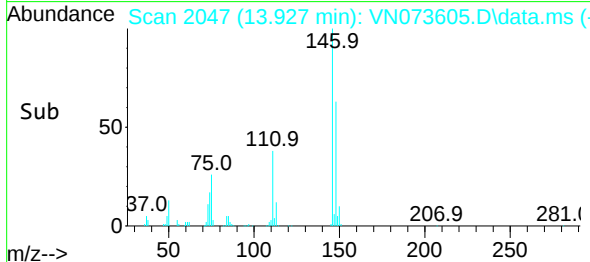
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



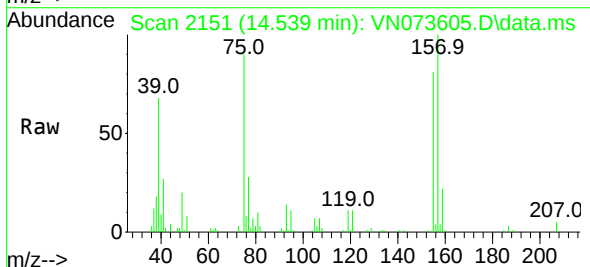
Tgt Ion:146 Resp: 21589
Ion Ratio Lower Upper
146 100
111 38.6 21.4 64.2
148 63.3 32.5 97.4

Manual Integrations
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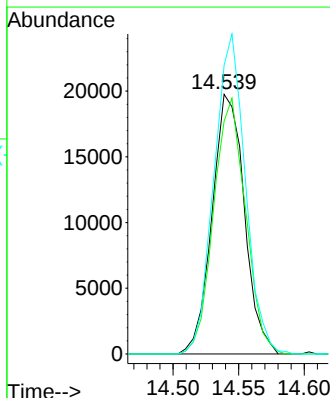
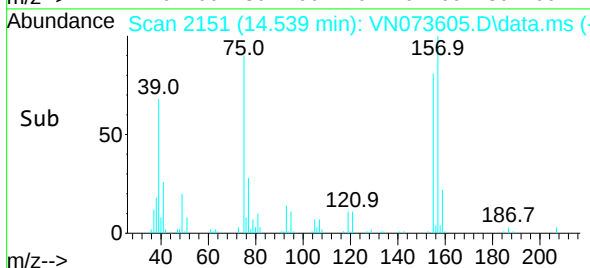
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

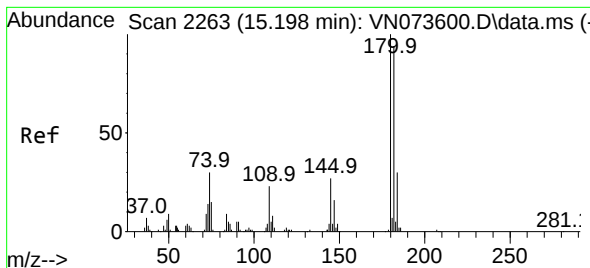


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.158 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04



Tgt Ion: 75 Resp: 33830
Ion Ratio Lower Upper
75 100
155 97.3 63.8 95.8#
157 119.3 77.9 116.9#





#89

1,2,4-Trichlorobenzene

Concen: 20.921 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073605.D

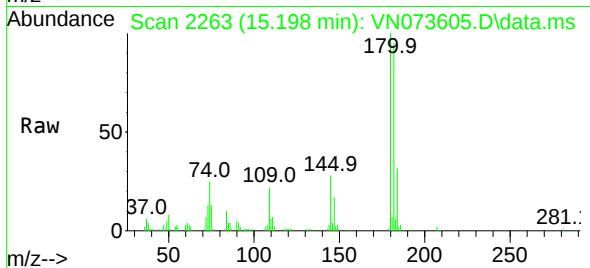
Acq: 27 Jul 2022 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072722



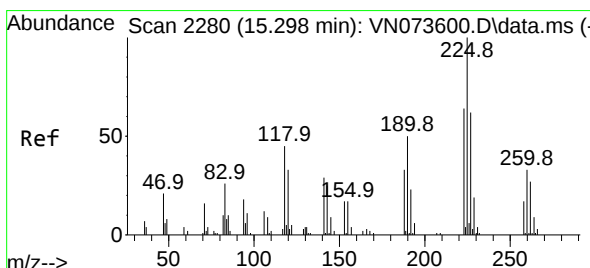
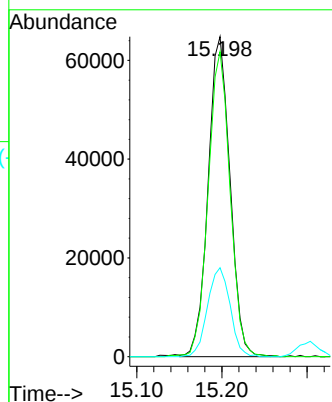
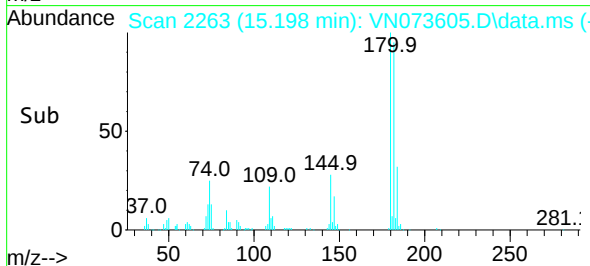
Tgt Ion:	180	Resp:	115672
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.7	116.5
145	28.6	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#90

Hexachlorobutadiene

Concen: 20.917 ug/l

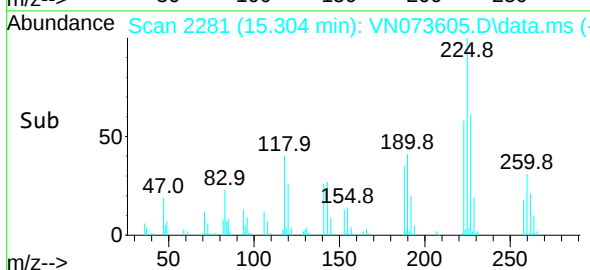
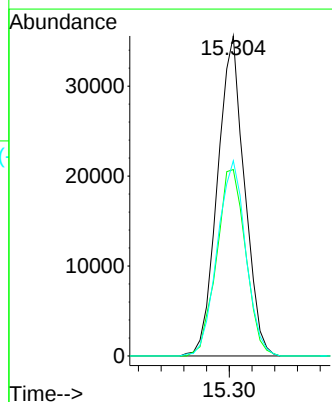
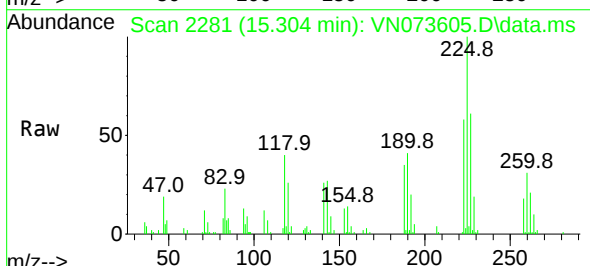
RT: 15.304 min Scan# 2281

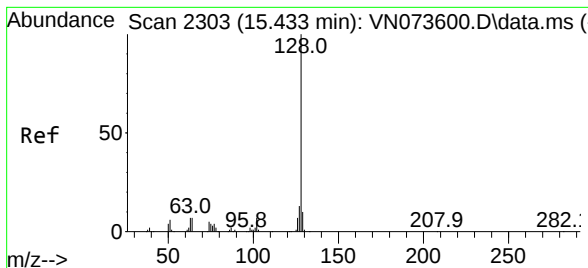
Delta R.T. 0.006 min

Lab File: VN073605.D

Acq: 27 Jul 2022 14:04

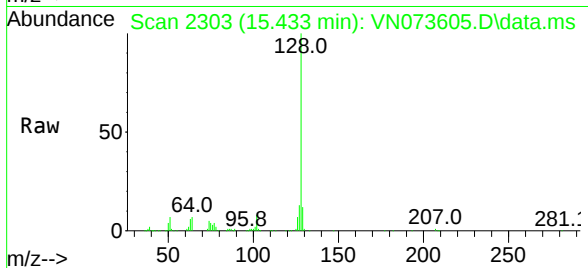
Tgt Ion:	225	Resp:	58575
Ion Ratio	Lower	Upper	
225	100		
223	62.9	0.0	126.8
227	64.4	0.0	123.0





#91
Naphthalene
Concen: 21.440 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

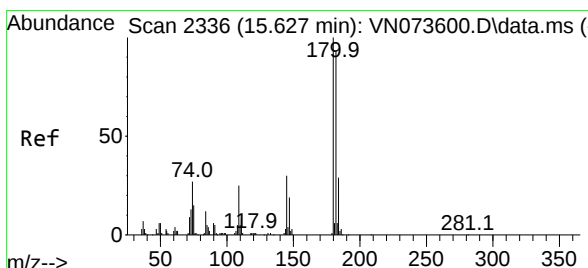
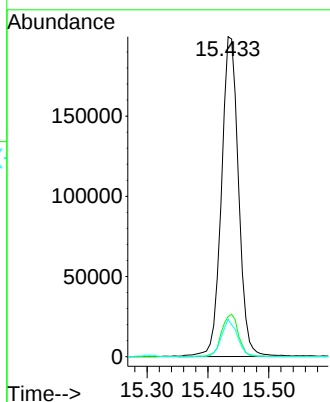
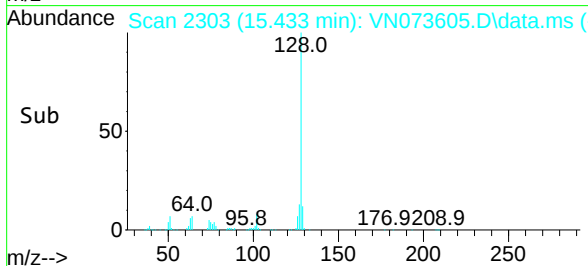
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072722



Tgt Ion:128 Resp: 38923
Ion Ratio Lower Upper
128 100
127 13.3 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 21.382 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073605.D
Acq: 27 Jul 2022 14:04

Tgt Ion:180 Resp: 121440
Ion Ratio Lower Upper
180 100
182 94.1 0.0 190.0
145 30.8 0.0 67.8

