

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072722\
 Data File : VN073607.D
 Acq On : 27 Jul 2022 15:13
 Operator : JC\MD
 Sample : VN0727WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 27 18:11:09 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	7.586	128	51446	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	269525	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	252400	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	135083	30.369	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.233%			
60) 4-Bromofluorobenzene	12.668	95	134779	30.158	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.533%			
63) Toluene-d8	10.380	98	429832	30.244	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	65935	18.856	ug/l	92
3) Chloromethane	2.269	50	93438	20.210	ug/l	97
4) Vinyl Chloride	2.404	62	104591	18.432	ug/l	99
5) Bromomethane	2.810	94	70594	24.489	ug/l	94
6) Chloroethane	2.975	64	69691	18.128	ug/l	93
7) Trichlorofluoromethane	3.316	101	103278	18.504	ug/l	97
8) Diethyl Ether	3.763	74	44766	19.932	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	62984m	18.718	ug/l	
10) 1,1-Dichloroethene	4.116	96	58786	18.252	ug/l	96
11) Methyl Iodide	4.351	142	58390	15.716	ug/l	89
12) Methyl Acetate	4.781	43	111377	20.347	ug/l	100
13) Acrolein	3.981	56	90221	93.758	ug/l	99
14) Acrylonitrile	5.469	53	255555	101.156	ug/l	97
15) Acetone	4.222	58	69288	98.654	ug/l	86
16) Carbon Disulfide	4.457	76	156684	17.802	ug/l	96
17) Allyl chloride	4.763	41	97334	18.117	ug/l	91
18) Methylene Chloride	5.016	84	84048	20.594	ug/l	98
19) trans-1,2-Dichloroethene	5.516	96	68394	19.152	ug/l	97
20) Diisopropyl ether	6.410	45	232187	19.867	ug/l	95
21) 1,1-Dichloroethane	6.310	63	132140	19.161	ug/l	99
22) cis-1,2-Dichloroethene	7.251	96	86700	20.182	ug/l	93
23) tert-Butyl Alcohol	5.287	59	93937	105.215	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	235043	20.707	ug/l	93
25) Chloroform	7.745	83	140237	19.701	ug/l	99
26) Cyclohexane	8.022	56	104365	17.545	ug/l #	96
29) 1,1-Dichloropropene	8.151	75	92718	18.411	ug/l	98
30) 2-Butanone	7.257	43	352261	101.185	ug/l	100
31) 2,2-Dichloropropane	7.245	77	96074	18.283	ug/l	100
32) 1,1,1-Trichloroethane	7.939	97	110887	19.023	ug/l	99
33) Carbon Tetrachloride	8.133	117	93107	18.628	ug/l	97
34) Benzene	8.392	78	318585	19.549	ug/l	99
35) Methacrylonitrile	7.557	41	55544	19.655	ug/l	94
36) 1,2-Dichloroethane	8.463	62	111887	20.821	ug/l #	94
37) Trichloroethene	9.151	130	77763	19.396	ug/l	91
38) Methylcyclohexane	9.392	83	114442	18.306	ug/l	98
39) 1,2-Dichloropropane	9.427	63	82472	20.060	ug/l	99
40) Dibromomethane	9.516	93	58266	20.885	ug/l	91
41) Bromodichloromethane	9.698	83	106957	19.586	ug/l	97
42) Vinyl Acetate	6.351	43	1010034	100.684	ug/l	97

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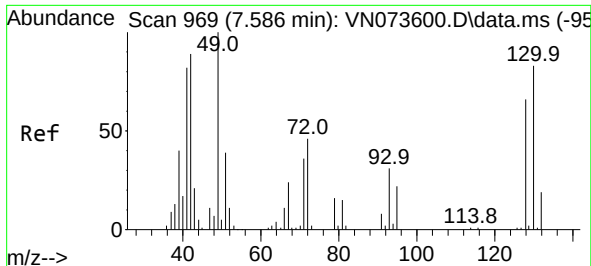
Manual Integrations
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Reviewed By : John Carlone 07/28/2022
 Supervised By : Mahesh Dadoda 07/28/2022

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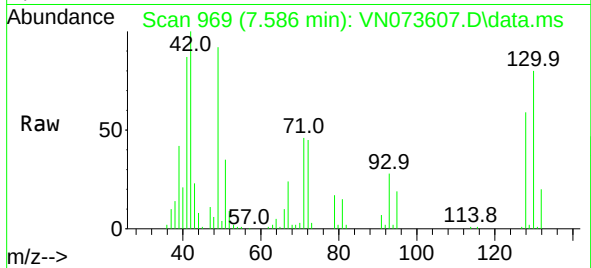
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.339	43	143689	21.741	ug/l	99
44) Isopropyl Acetate	8.492	43	189650	20.635	ug/l	95
45) 1,4-Dioxane	9.504	88	44767	408.503	ug/l	95
46) Methyl methacrylate	9.498	41	78591	19.122	ug/l	84
47) n-amyl Acetate	12.327	43	138502	18.903	ug/l	95
48) t-1,3-Dichloropropene	10.657	75	106919	19.017	ug/l	99
49) cis-1,3-Dichloropropene	10.127	75	122874	19.684	ug/l #	89
50) 1,1,2-Trichloroethane	10.839	97	85907	20.526	ug/l	98
51) Ethyl methacrylate	10.704	69	121596	19.325	ug/l	85
52) 1,3-Dichloropropane	10.986	76	141763	20.095	ug/l	99
53) Dibromochloromethane	11.180	129	83782	19.753	ug/l	99
54) 1,2-Dibromoethane	11.286	107	86077	20.181	ug/l	95
55) 2-Chloroethyl vinyl ether	9.980	63	272736	96.640	ug/l	98
56) Bromoform	12.398	173	63207	18.963	ug/l #	99
58) 4-Methyl-2-Pentanone	10.269	43	678565	103.973	ug/l	95
59) 2-Hexanone	11.027	43	516896	102.827	ug/l	94
61) Tetrachloroethene	10.916	164	75246	19.463	ug/l	92
62) Toluene	10.445	91	345756	19.699	ug/l	98
64) Chlorobenzene	11.710	112	209234	19.952	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.780	131	77931	20.019	ug/l	98
66) Ethyl Benzene	11.786	91	353583	18.843	ug/l	96
67) m/p-Xylenes	11.892	106	277941	38.753	ug/l	98
68) o-Xylene	12.221	106	137570	19.312	ug/l	99
69) Styrene	12.233	104	225555	19.210	ug/l	97
70) Isopropylbenzene	12.521	105	345588	18.975	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.768	83	132743	20.728	ug/l	97
72) 1,2,3-Trichloropropane	12.821	75	116944m	21.865	ug/l	
73) Bromobenzene	12.798	156	89404	19.762	ug/l	97
74) n-propylbenzene	12.863	91	394293	18.603	ug/l	99
75) 2-Chlorotoluene	12.945	91	244171	19.218	ug/l	99
76) 1,3,5-Trimethylbenzene	12.998	105	294977	19.337	ug/l	95
77) t-1,4-Dichloro-2-butene	12.568	75	38164	19.580	ug/l	87
78) 4-Chlorotoluene	13.045	91	233737	19.151	ug/l	100
79) tert-butylbenzene	13.263	119	256791	19.471	ug/l	93
80) 1,2,4-Trimethylbenzene	13.310	105	292615	19.365	ug/l #	80
81) sec-Butylbenzene	13.439	105	352725	18.626	ug/l	99
82) p-Isopropyltoluene	13.557	119	289357	18.611	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	159720	19.287	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	155349	19.447	ug/l	98
85) n-Butylbenzene	13.880	91	220630	17.506	ug/l	97
86) Hexachloroethane	14.151	117	51978	18.230	ug/l	82
87) 1,2-Dichlorobenzene	13.927	146	164955	19.702	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.545	75	27601	19.732	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.198	180	84443	18.325	ug/l	96
90) Hexachlorobutadiene	15.304	225	43347	18.572	ug/l	98
91) Naphthalene	15.439	128	286639	18.944	ug/l	99
92) 1,2,3-Trichlorobenzene	15.627	180	90589	19.137	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.586 min Scan# 969
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

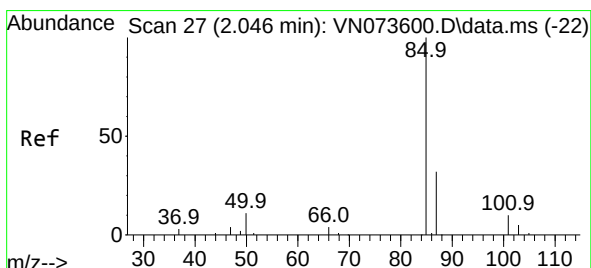
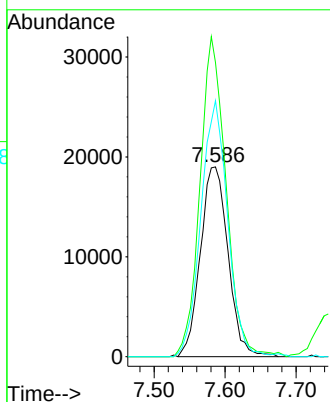
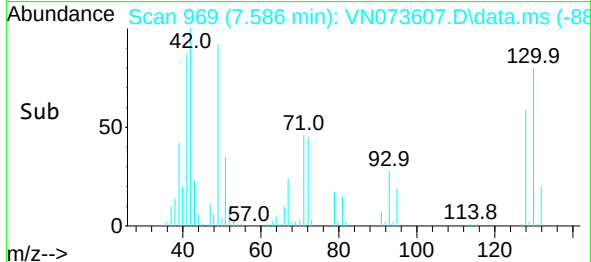
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



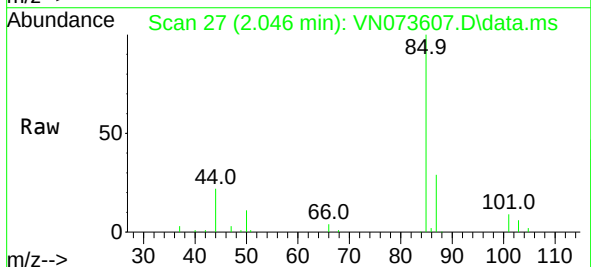
Tgt Ion:128 Resp: 51440
Ion Ratio Lower Upper
128 100
49 157.8 0.0 392.3
130 130.4 0.0 320.2

Manual Integrations
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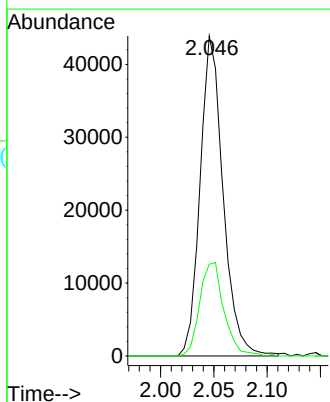
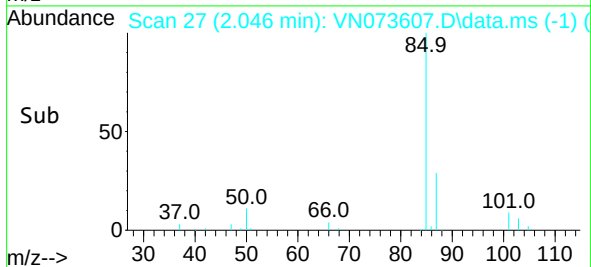
Reviewed By :John Carlone 07/28/2022
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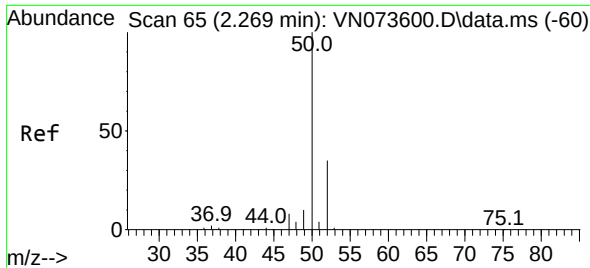


#2
Dichlorodifluoromethane
Concen: 18.856 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



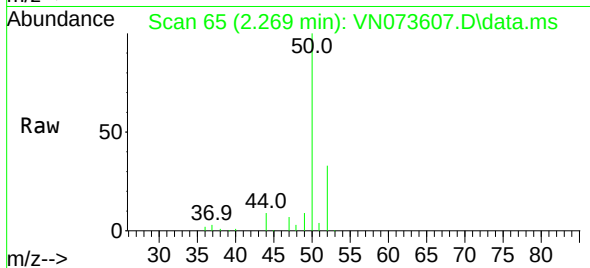
Tgt Ion: 85 Resp: 65935
Ion Ratio Lower Upper
85 100
87 28.6 16.6 49.7





#3
Chloromethane
Concen: 20.210 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

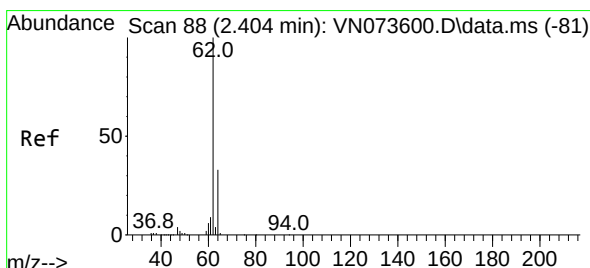
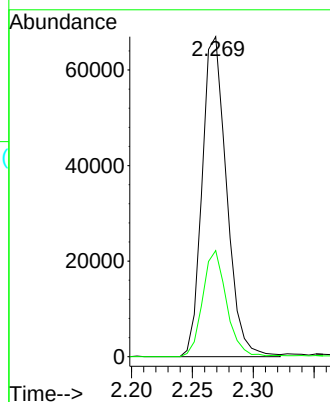
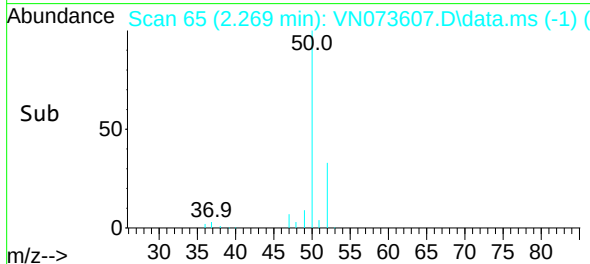
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



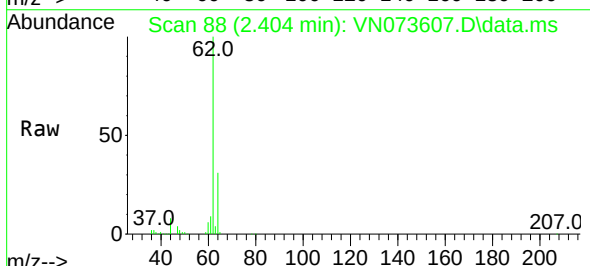
Tgt Ion: 50 Resp: 93438
Ion Ratio Lower Upper
50 100
52 33.1 27.8 41.6

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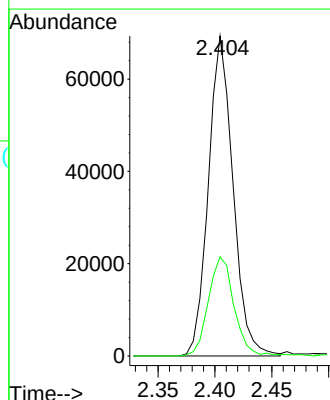
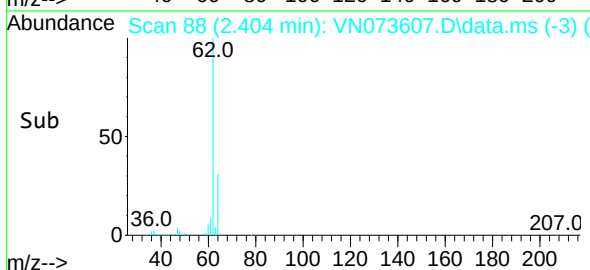
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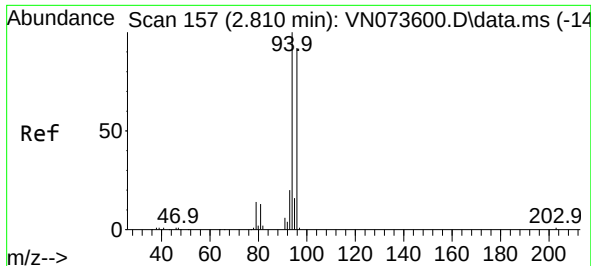


#4
Vinyl Chloride
Concen: 18.432 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



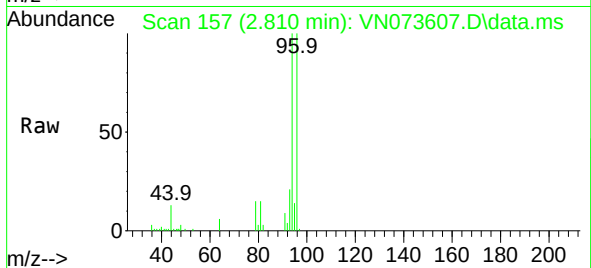
Tgt Ion: 62 Resp: 104591
Ion Ratio Lower Upper
62 100
64 31.0 25.1 37.7





#5
Bromomethane
Concen: 24.489 ug/l
RT: 2.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

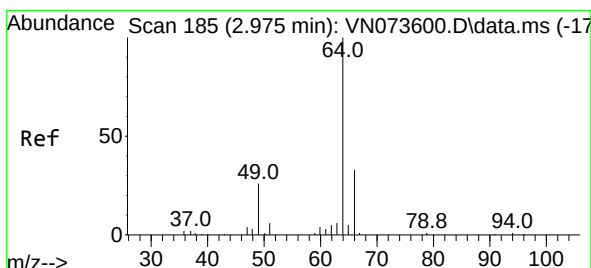
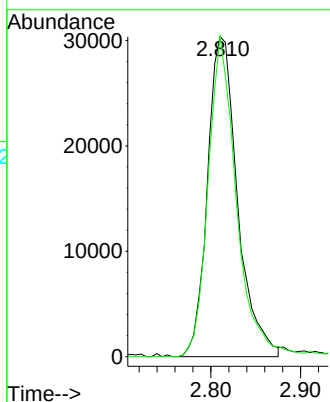
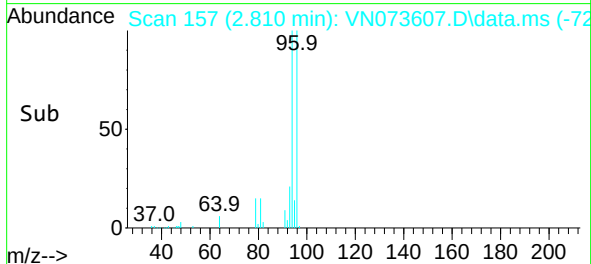
Instrument :
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ClientSampleId :
VN0727WBS01



Tgt Ion: 94 Resp: 70594
Ion Ratio Lower Upper
94 100
96 100.0 75.2 112.8

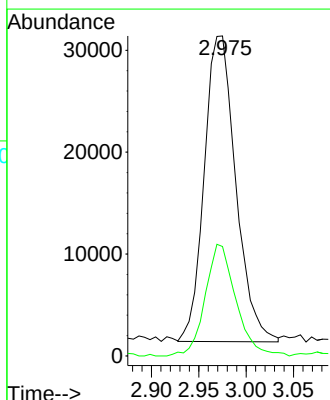
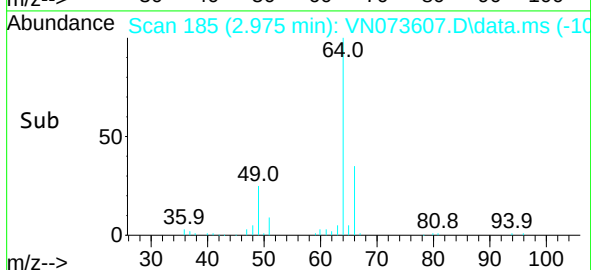
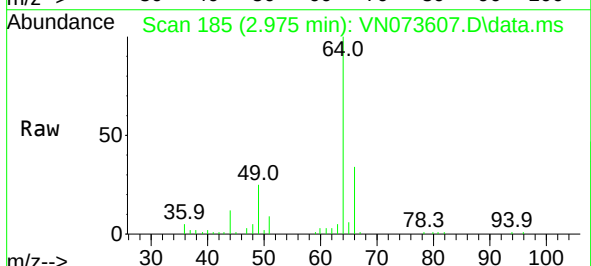
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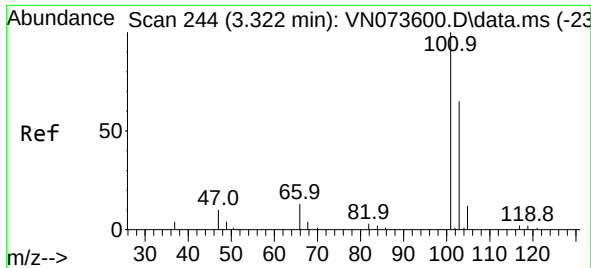
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#6
Chloroethane
Concen: 18.128 ug/l
RT: 2.975 min Scan# 185
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

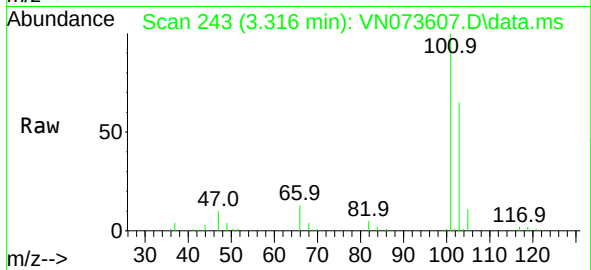
Tgt Ion: 64 Resp: 69691
Ion Ratio Lower Upper
64 100
66 34.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.504 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN073607.D
 Acq: 27 Jul 2022 15:13

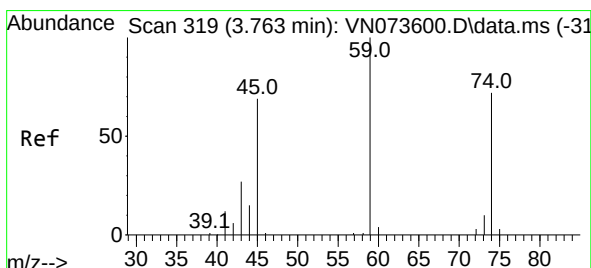
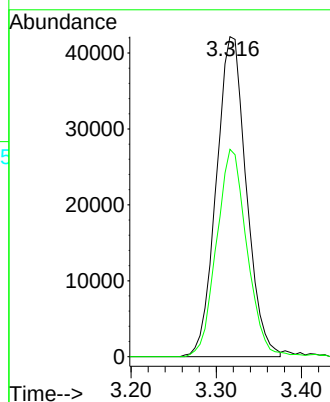
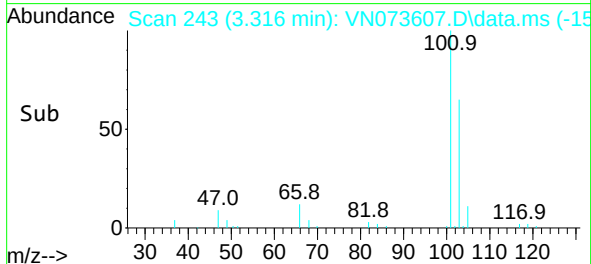
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Tgt Ion:101 Resp: 103278
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.1 75.1

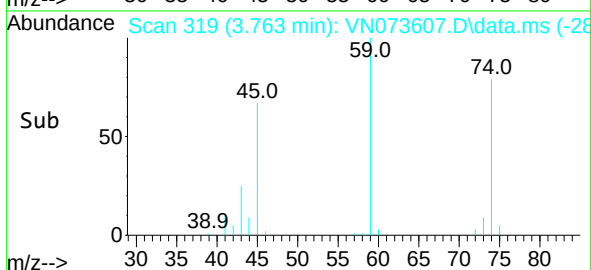
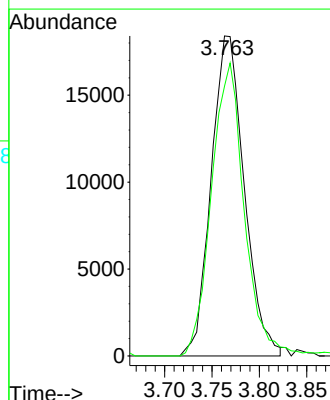
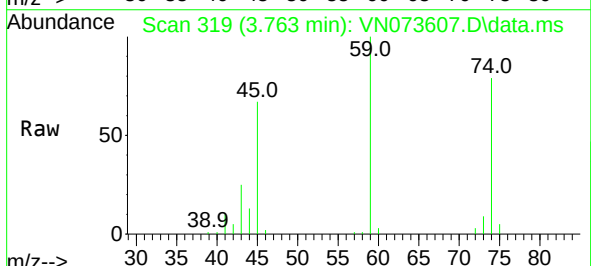
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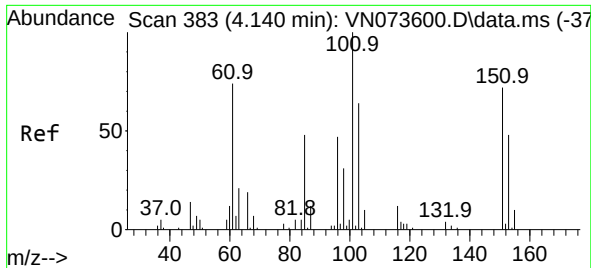
Reviewed By :John Carlone 07/28/2022
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#8
 Diethyl Ether
 Concen: 19.932 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VN073607.D
 Acq: 27 Jul 2022 15:13

Tgt Ion: 74 Resp: 44766
 Ion Ratio Lower Upper
 74 100
 45 90.6 17.6 158.8





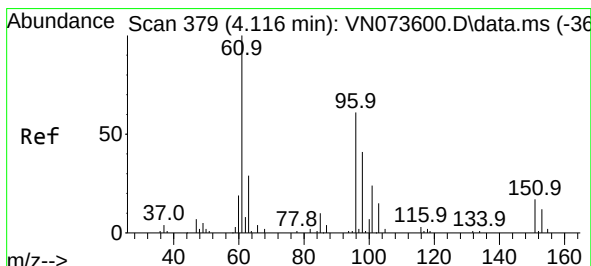
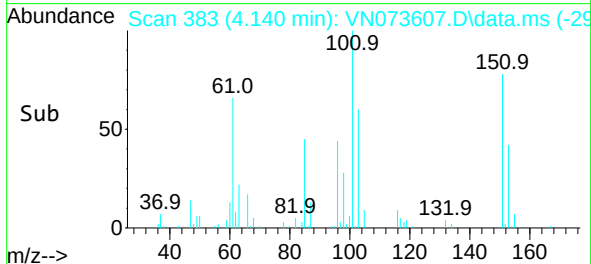
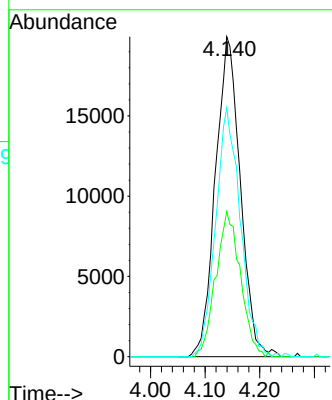
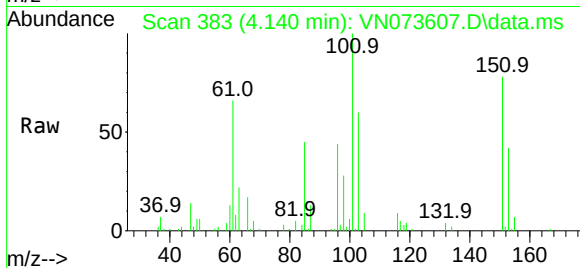
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1,1,2-Trichlorotrifluoroethane
Concen: 18.718 ug/l m
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tgt Ion:101 Resp: 62984
Ion Ratio Lower Upper
101 100
85 0.1 0.0 94.0
151 0.2 0.0 74.6

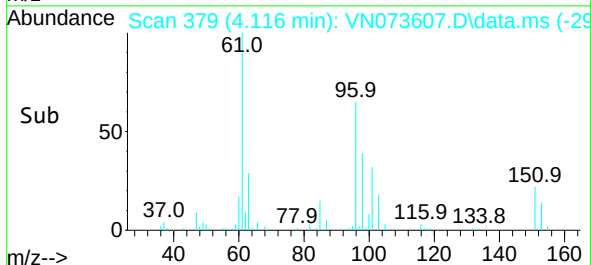
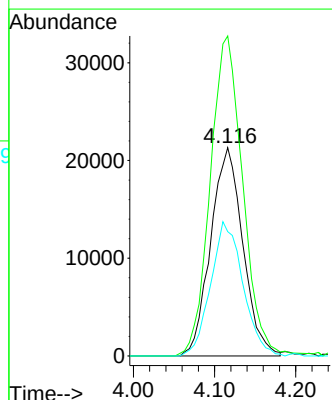
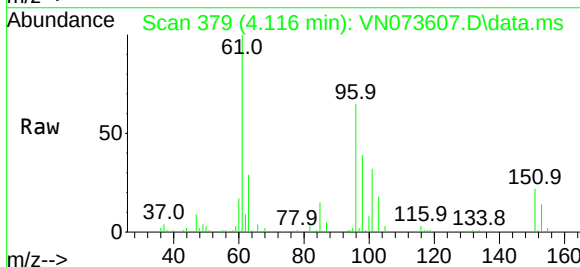
Manual Integrations
APPROVED

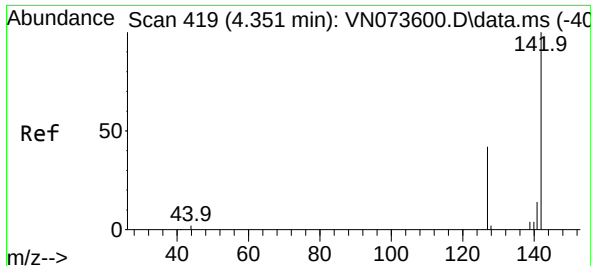
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#10
1,1-Dichloroethene
Concen: 18.252 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

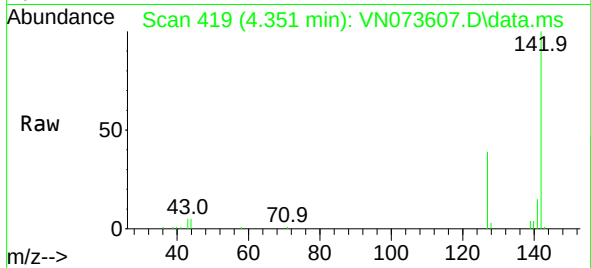
Tgt Ion: 96 Resp: 58786
Ion Ratio Lower Upper
96 100
61 152.4 126.2 189.4
98 59.7 50.9 76.3





#11
Methyl Iodide
Concen: 15.716 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

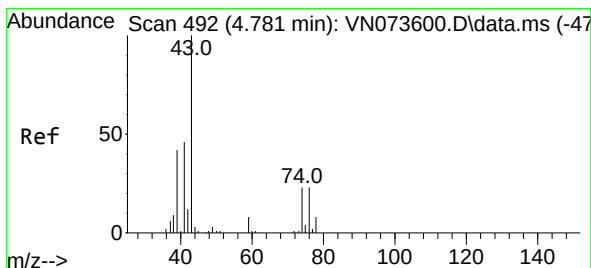
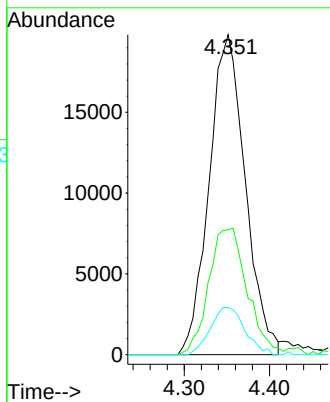
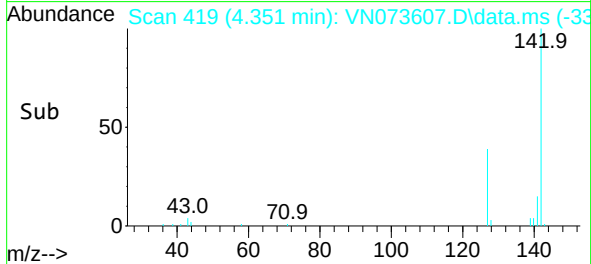
Instrument :
MSVOA_N
Client Sample Id :
VN0727WBS01



Tgt Ion:142 Resp: 58390
Ion Ratio Lower Upper
142 100
127 38.8 24.0 72.0
141 15.0 8.4 25.2

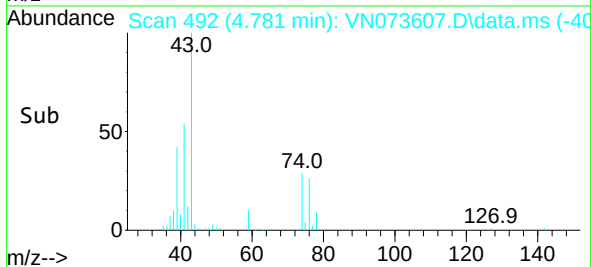
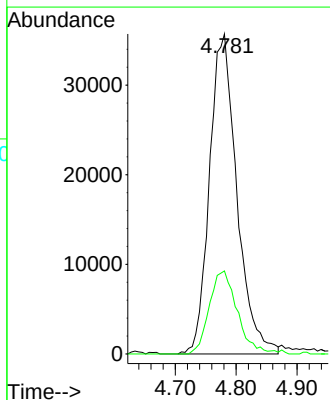
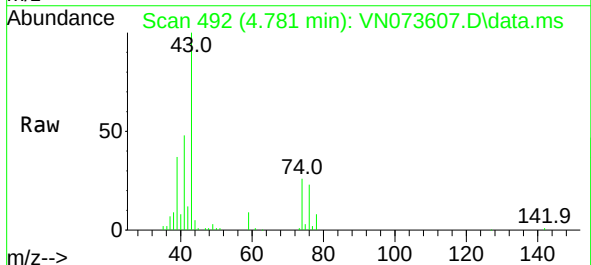
Manual Integrations
APPROVED

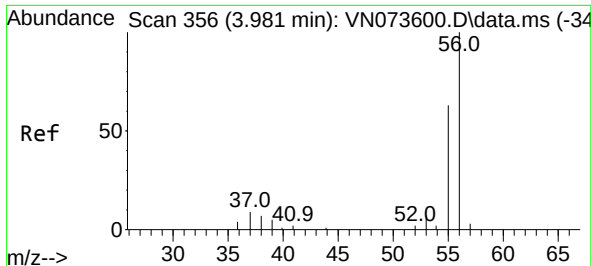
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#12
Methyl Acetate
Concen: 20.347 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

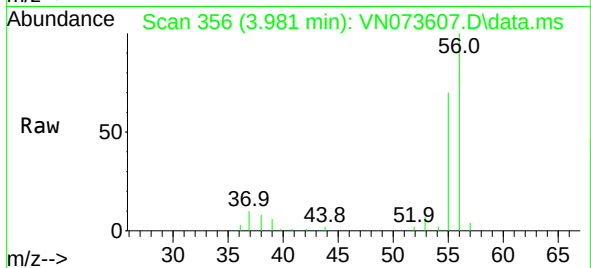
Tgt Ion: 43 Resp: 111377
Ion Ratio Lower Upper
43 100
74 25.9 20.8 31.2





#13
Acrolein
Concen: 93.758 ug/l
RT: 3.981 min Scan# 310
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

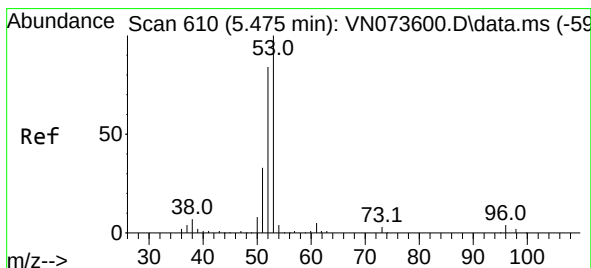
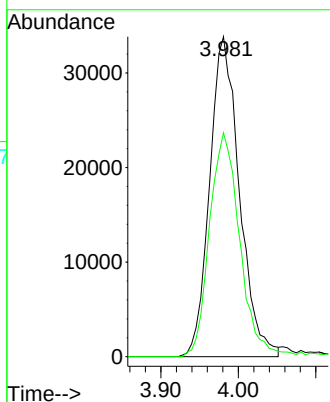
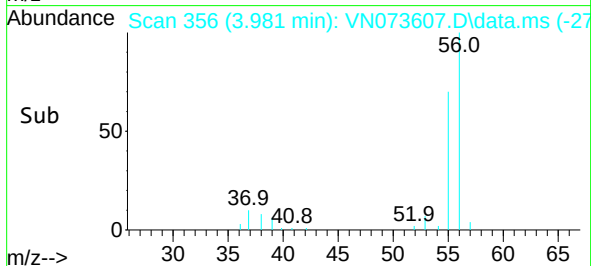
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



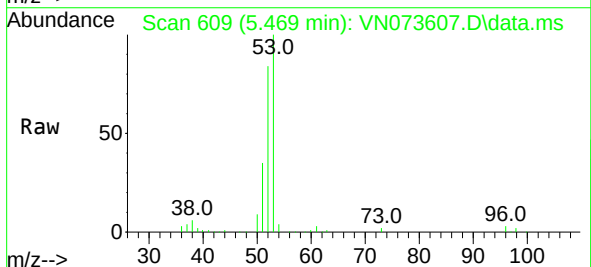
Tgt Ion: 56 Resp: 9022
Ion Ratio Lower Upper
56 100
55 71.0 57.6 86.4

Manual Integrations
APPROVED

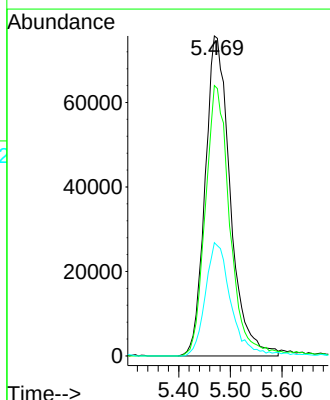
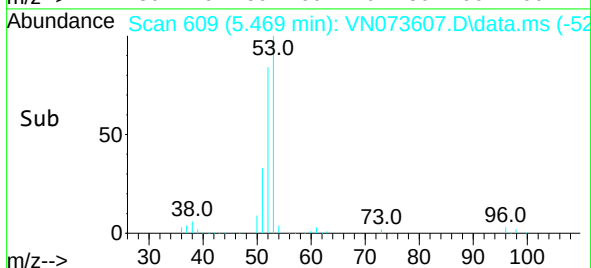
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

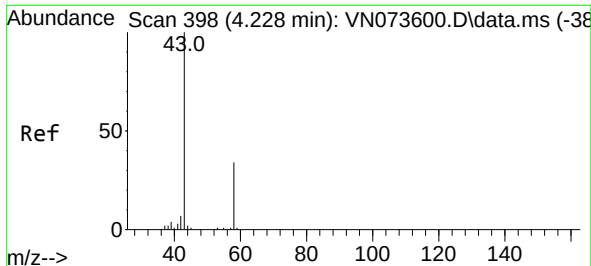


#14
Acrylonitrile
Concen: 101.156 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



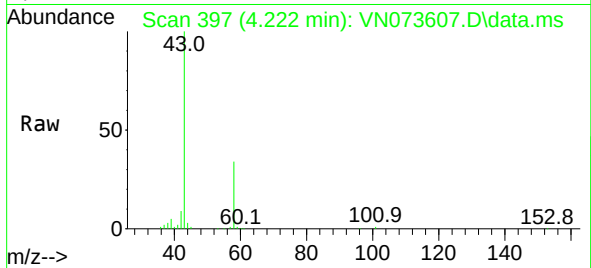
Tgt Ion: 53 Resp: 255555
Ion Ratio Lower Upper
53 100
52 81.2 41.8 125.4
51 35.4 19.0 57.0





#15
Acetone
Concen: 98.654 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

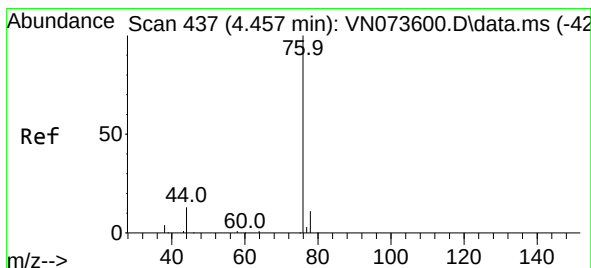
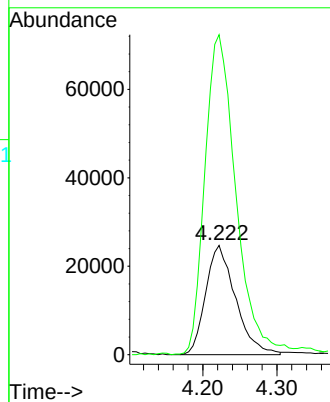
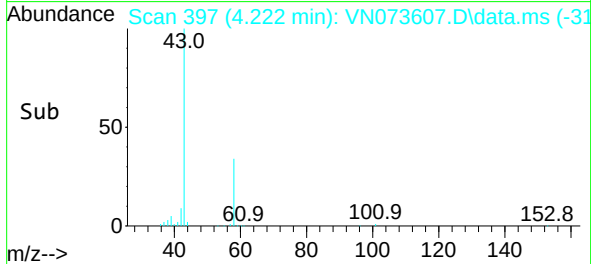
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 58 Resp: 69288
Ion Ratio Lower Upper
58 100
43 292.0 256.6 384.8

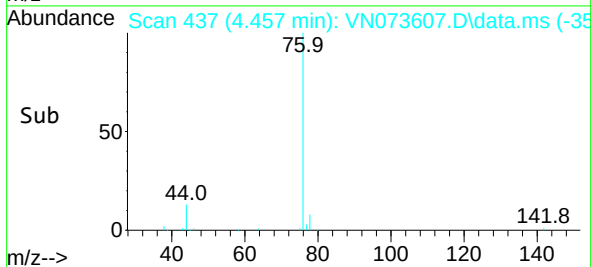
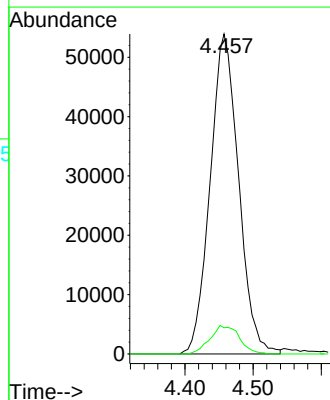
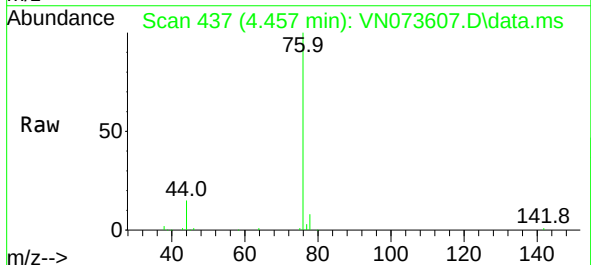
Manual Integrations
APPROVED

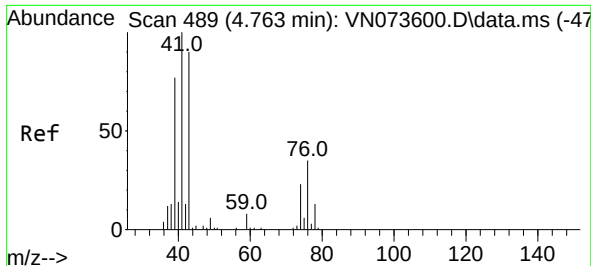
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#16
Carbon Disulfide
Concen: 17.802 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

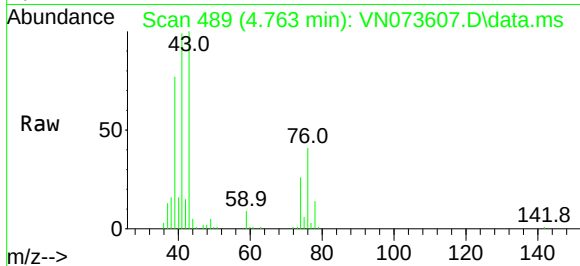
Tgt Ion: 76 Resp: 156684
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8





#17
 Allyl chloride
 Concen: 18.117 ug/l
 RT: 4.763 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN073607.D
 Acq: 27 Jul 2022 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01

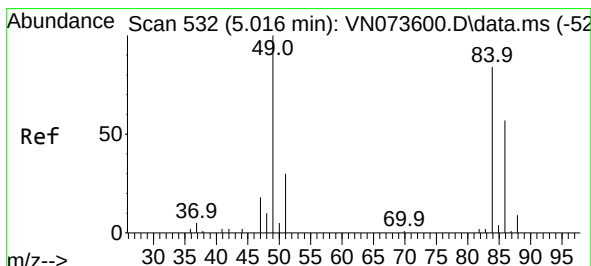
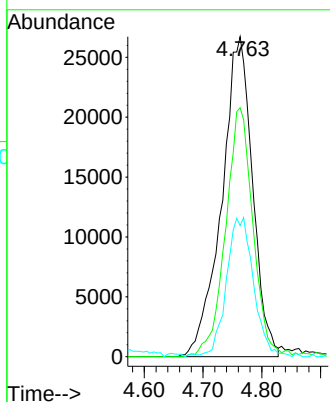
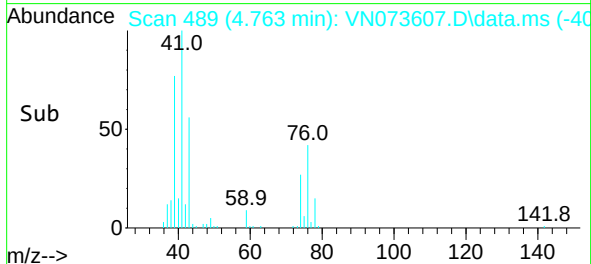


Tgt Ion: 41 Resp: 97334

Ion	Ratio	Lower	Upper
41	100		
39	77.8	44.6	134.0
76	40.2	19.6	58.7

Manual Integrations
 APPROVED

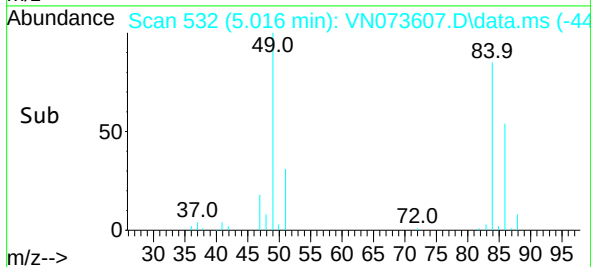
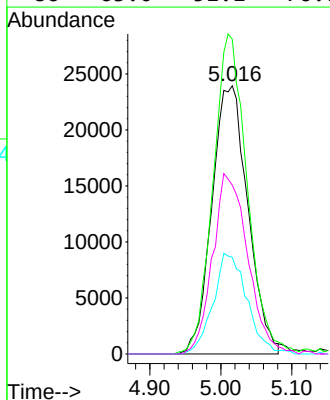
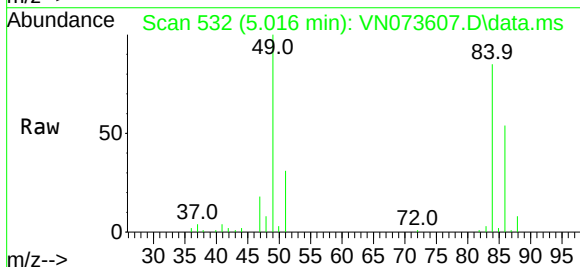
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

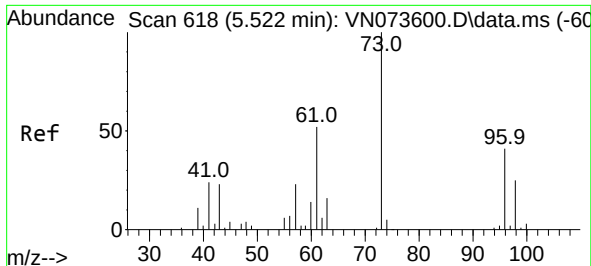


#18
 Methylene Chloride
 Concen: 20.594 ug/l
 RT: 5.016 min Scan# 532
 Delta R.T. 0.000 min
 Lab File: VN073607.D
 Acq: 27 Jul 2022 15:13

Tgt Ion: 84 Resp: 84048

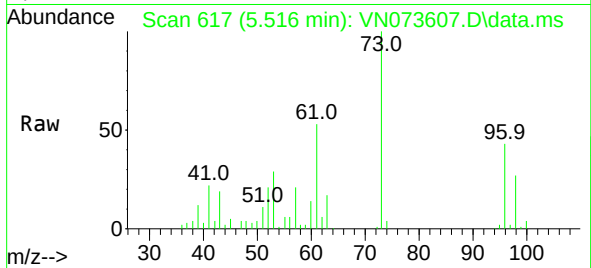
Ion	Ratio	Lower	Upper
84	100		
49	116.7	91.4	137.0
51	36.1	29.4	44.0
86	63.0	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 19.152 ug/l
RT: 5.516 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

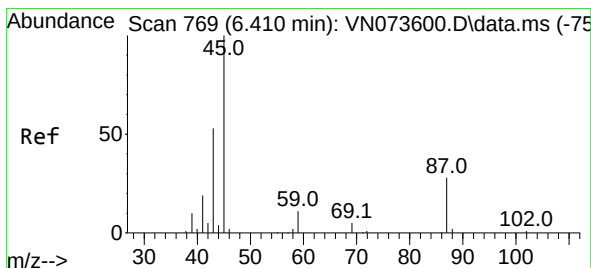
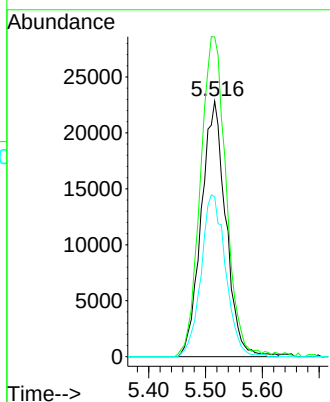
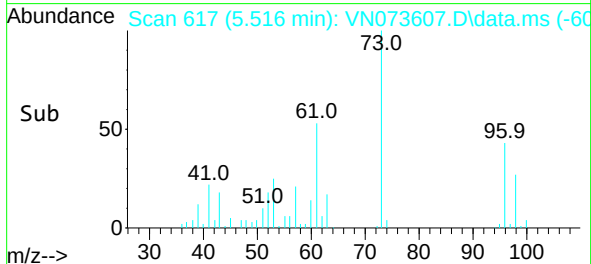
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 96 Resp: 68394
Ion Ratio Lower Upper
96 100
61 124.1 102.8 154.2
98 62.5 49.3 73.9

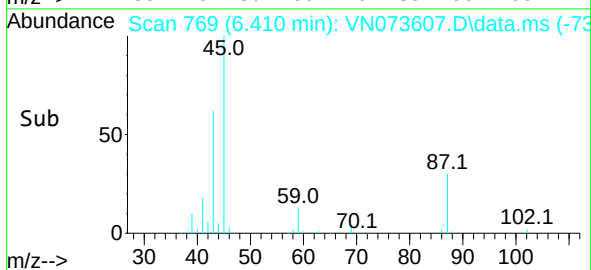
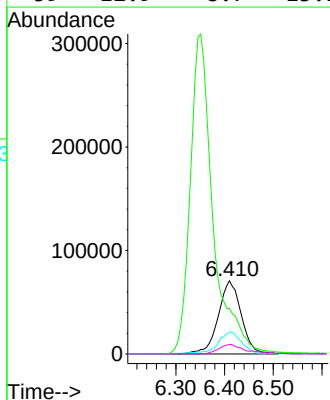
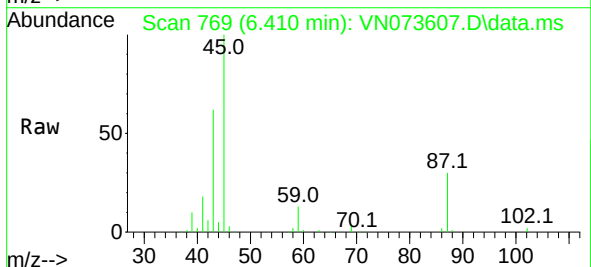
Manual Integrations
APPROVED

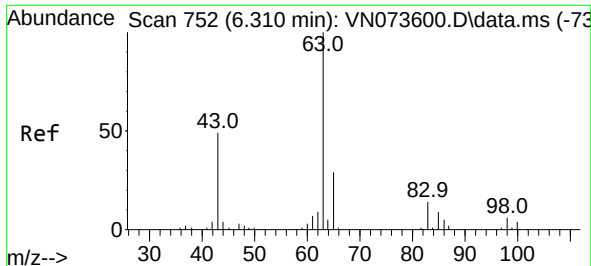
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#20
Diisopropyl ether
Concen: 19.867 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

Tgt Ion: 45 Resp: 232187
Ion Ratio Lower Upper
45 100
43 59.3 51.0 76.4
87 29.2 25.0 37.4
59 12.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.161 ug/l

RT: 6.310 min Scan# 752

Delta R.T. 0.000 min

Lab File: VN073607.D

Acq: 27 Jul 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tgt Ion: 63 Resp: 132140

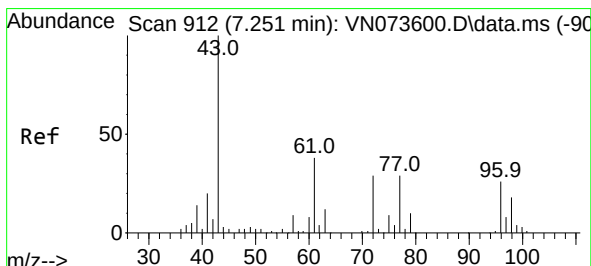
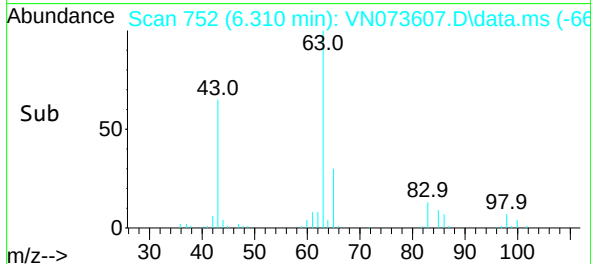
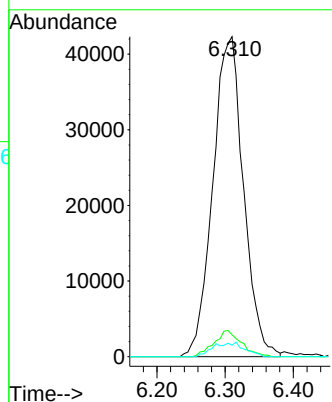
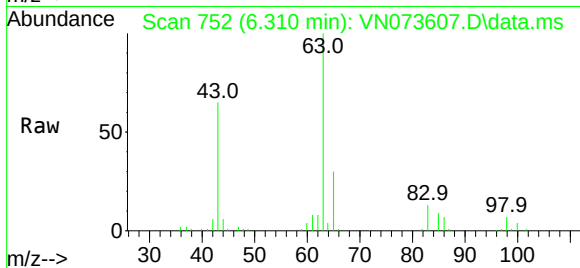
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.2	9.6
100	3.6	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#22

cis-1,2-Dichloroethene

Concen: 20.182 ug/l

RT: 7.251 min Scan# 912

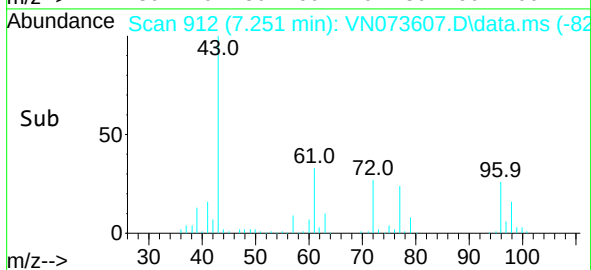
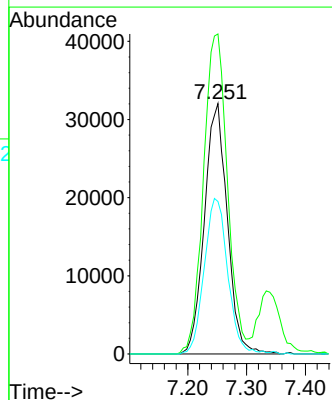
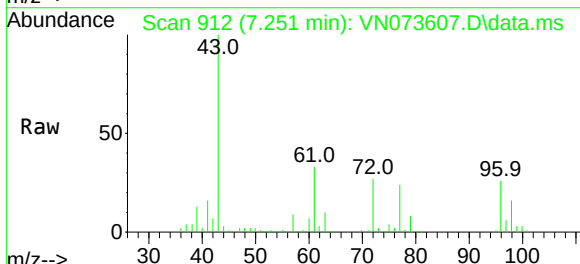
Delta R.T. 0.000 min

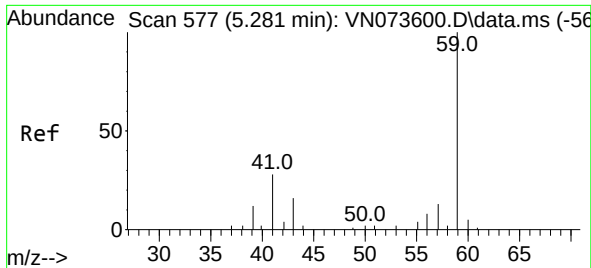
Lab File: VN073607.D

Acq: 27 Jul 2022 15:13

Tgt Ion: 96 Resp: 86700

Ion	Ratio	Lower	Upper
96	100		
61	133.1	115.7	173.5
98	63.5	51.6	77.4





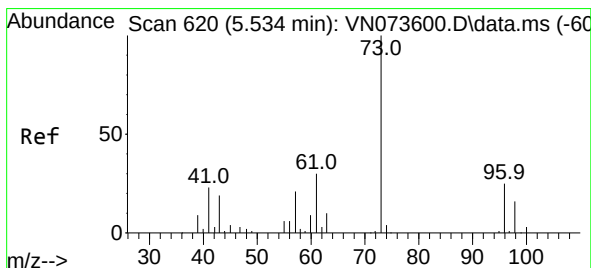
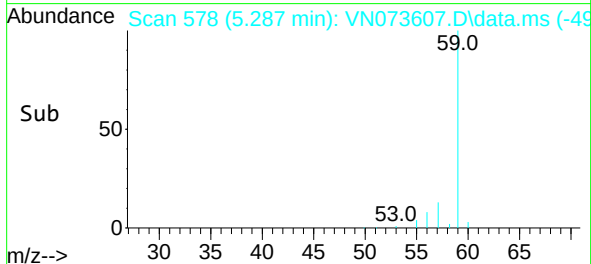
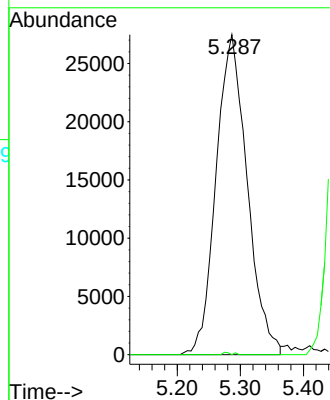
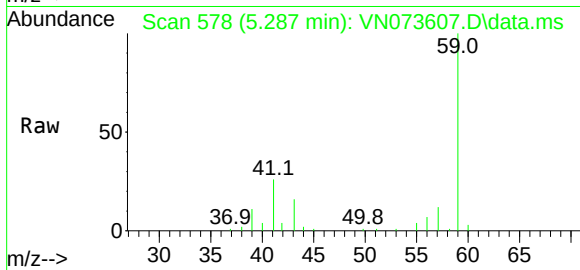
#23
tert-Butyl Alcohol
Concen: 105.215 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tgt Ion: 59 Resp: 9393
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

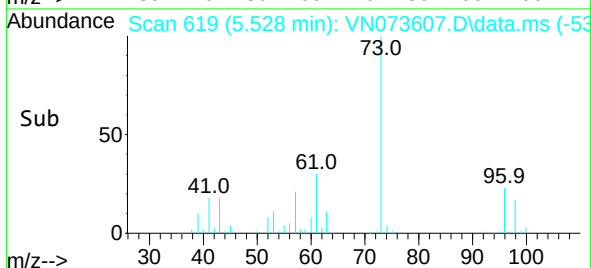
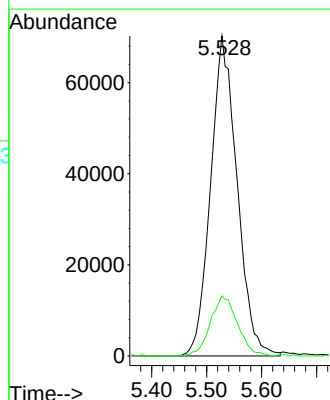
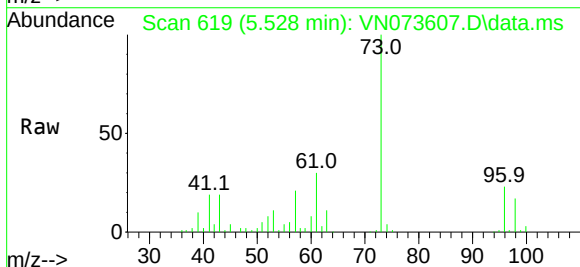
Manual Integrations
APPROVED

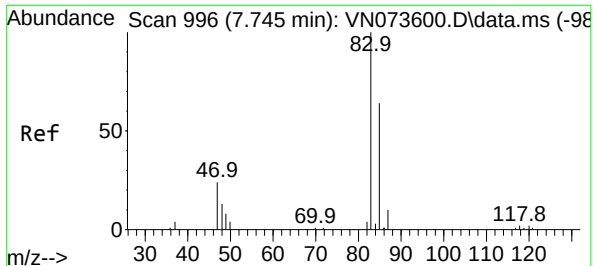
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#24
Methyl tert-Butyl Ether
Concen: 20.707 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

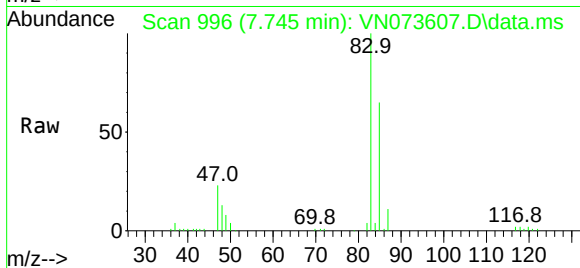
Tgt Ion: 73 Resp: 235043
Ion Ratio Lower Upper
73 100
43 19.2 18.1 27.1





#25
Chloroform
Concen: 19.701 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

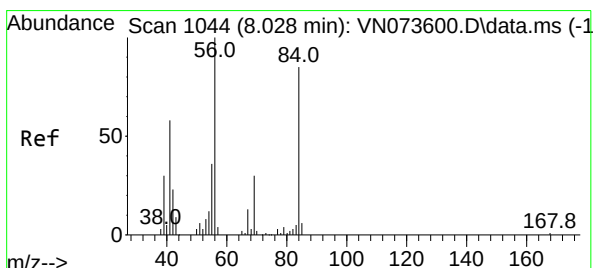
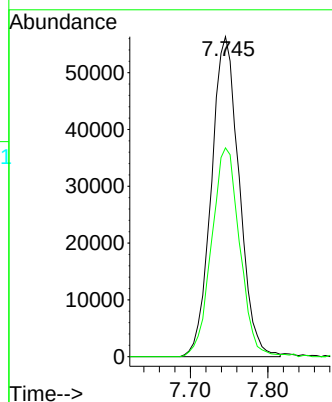
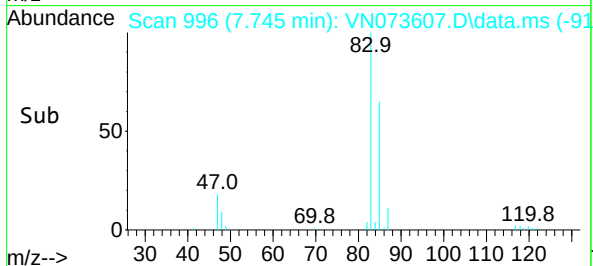
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



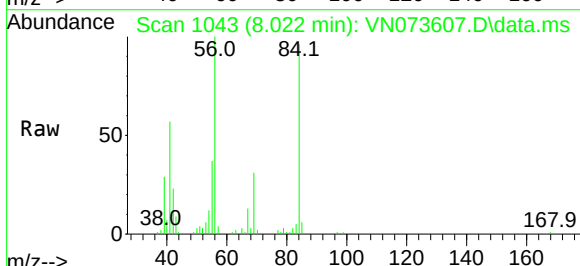
Tgt Ion: 83 Resp: 14023
Ion Ratio Lower Upper
83 100
85 65.2 51.3 76.9

Manual Integrations
APPROVED

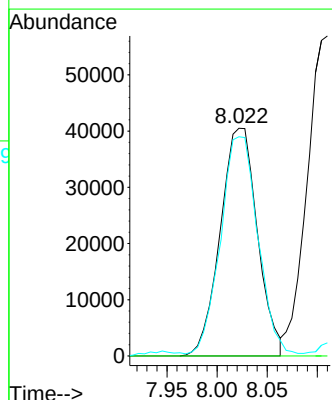
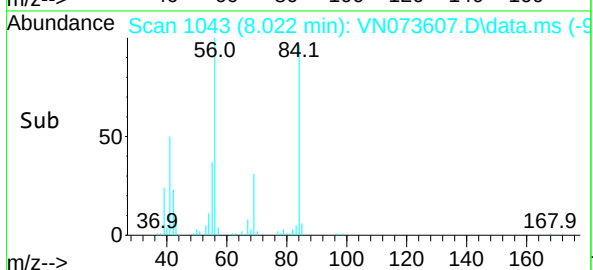
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

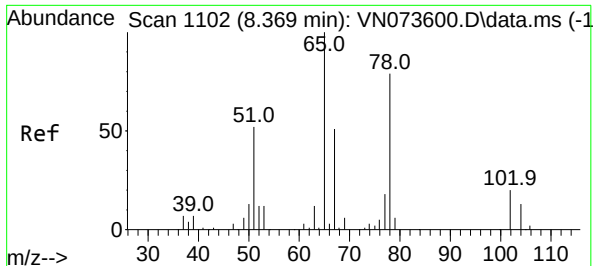


#26
Cyclohexane
Concen: 17.545 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



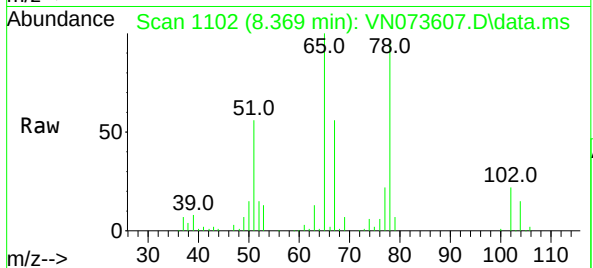
Tgt Ion: 56 Resp: 104365
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 97.5 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.369 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

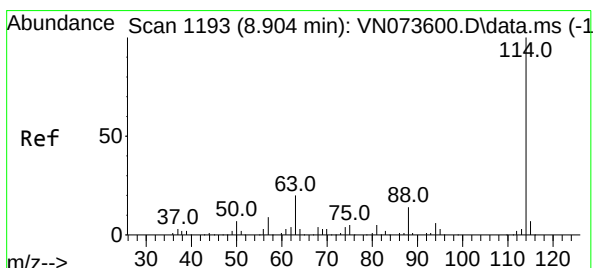
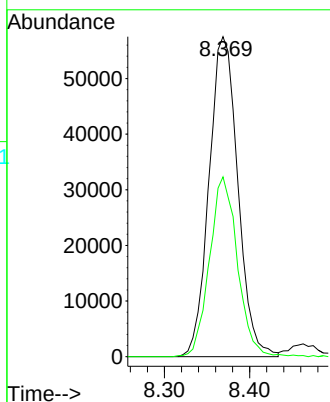
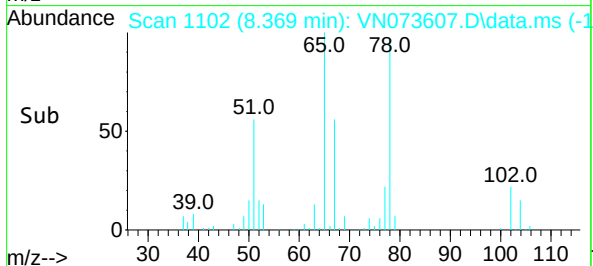
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



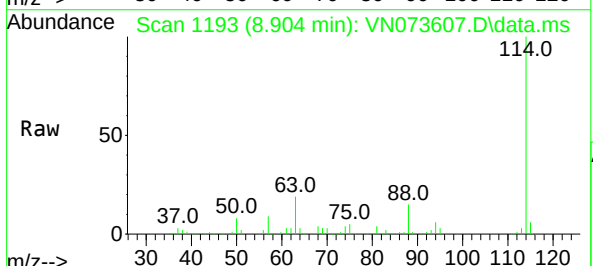
Tgt Ion: 65 Resp: 13508
Ion Ratio Lower Upper
65 100
67 54.1 40.2 60.2

Manual Integrations
APPROVED

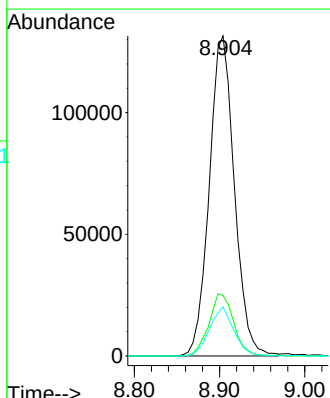
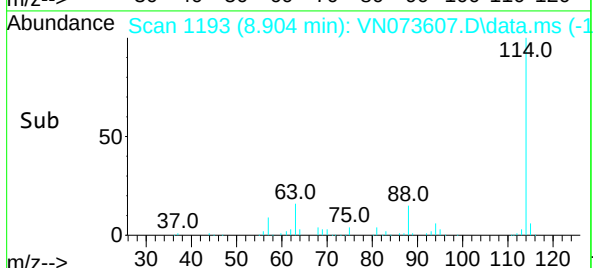
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

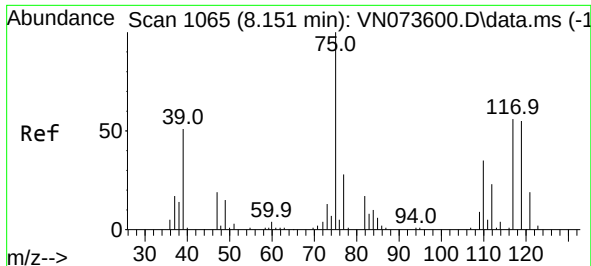


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



Tgt Ion:114 Resp: 269525
Ion Ratio Lower Upper
114 100
63 19.3 15.8 23.6
88 14.7 11.6 17.4





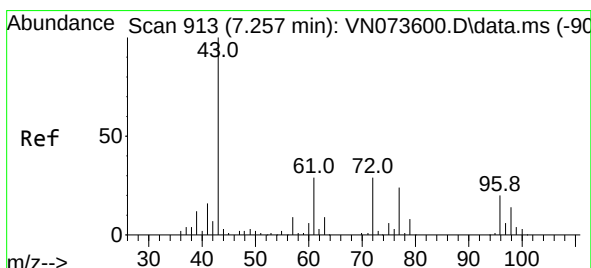
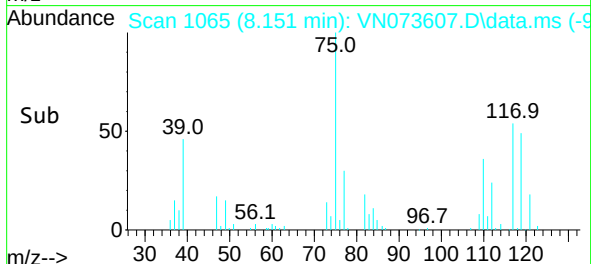
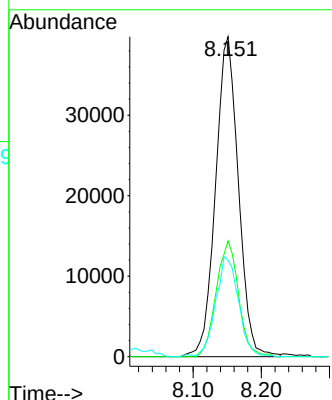
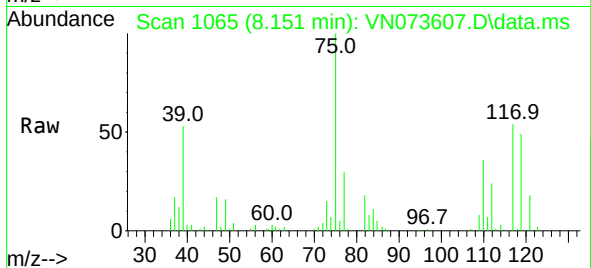
#29
1,1-Dichloropropene
Concen: 18.411 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tgt Ion: 75 Resp: 92718
Ion Ratio Lower Upper
75 100
110 35.2 0.0 74.2
77 31.0 0.0 63.2

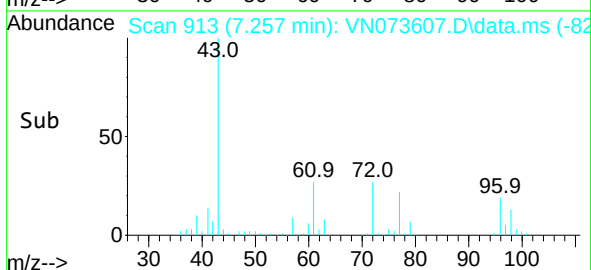
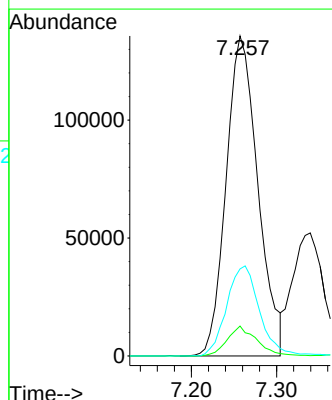
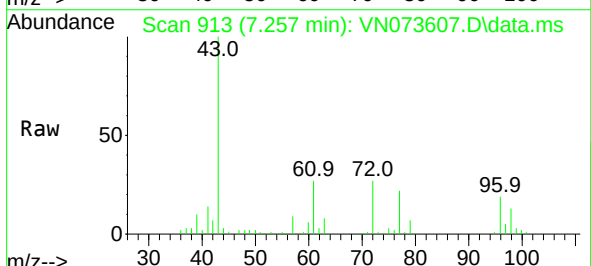
Manual Integrations
APPROVED

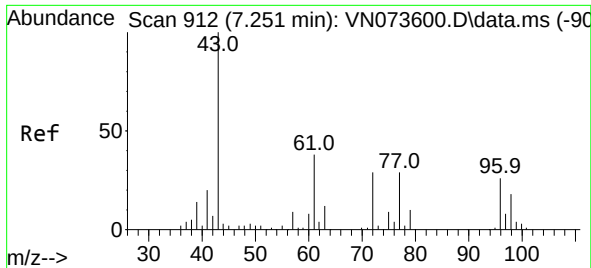
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#30
2-Butanone
Concen: 101.185 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

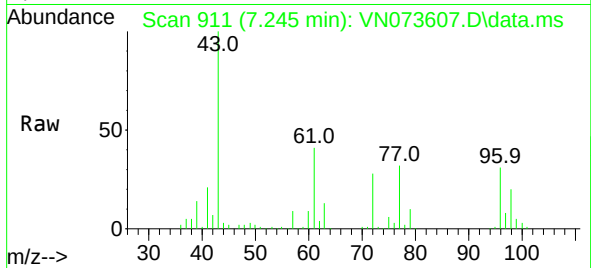
Tgt Ion: 43 Resp: 352261
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 28.9 23.2 34.8





#31
2,2-Dichloropropane
Concen: 18.283 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

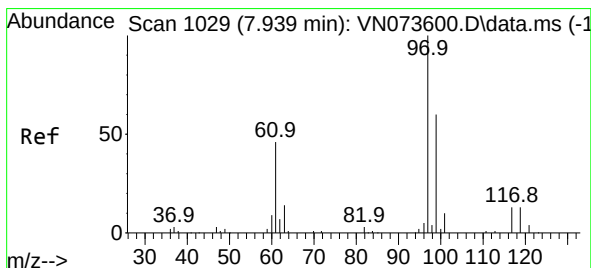
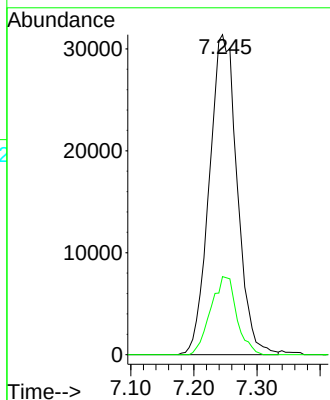
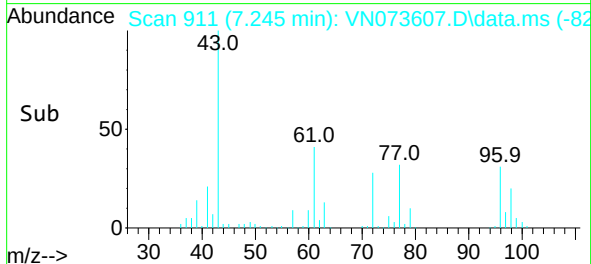
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



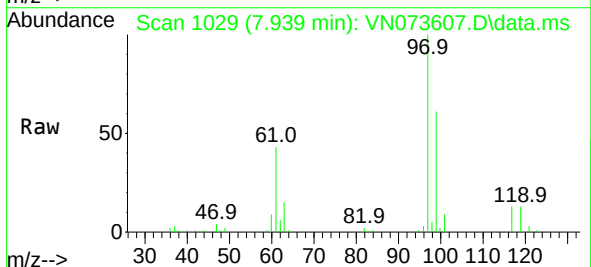
Tgt Ion: 77 Resp: 96074
Ion Ratio Lower Upper
77 100
97 22.8 18.3 27.5

Manual Integrations
APPROVED

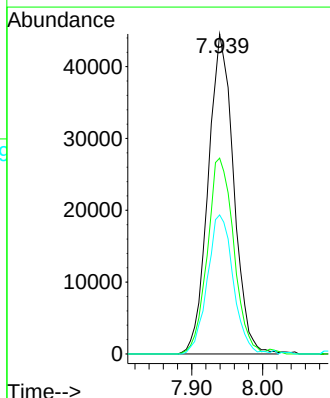
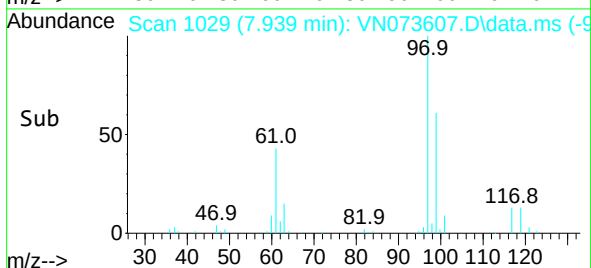
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

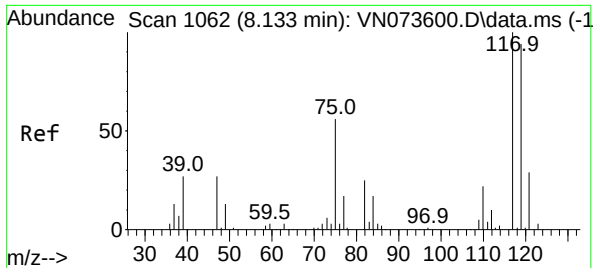


#32
1,1,1-Trichloroethane
Concen: 19.023 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



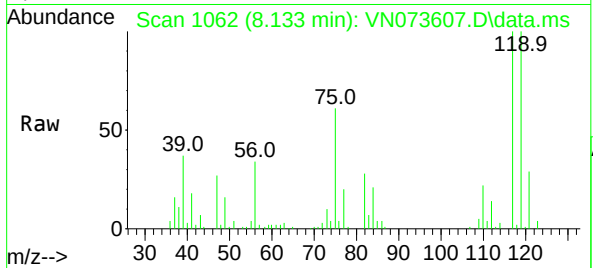
Tgt Ion: 97 Resp: 110887
Ion Ratio Lower Upper
97 100
99 63.3 50.4 75.6
61 43.9 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.628 ug/l
RT: 8.133 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

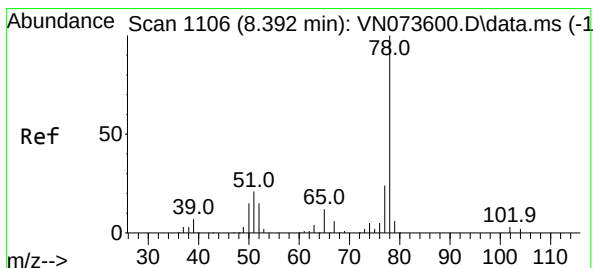
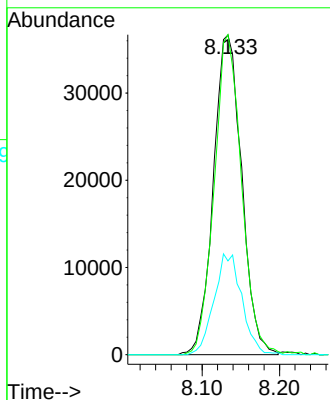
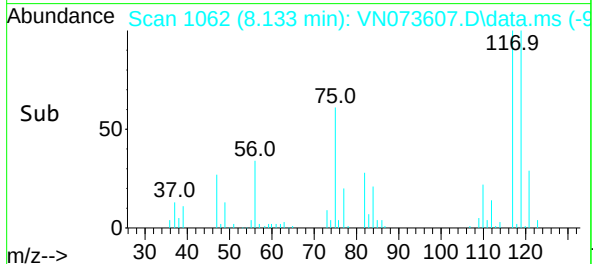
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



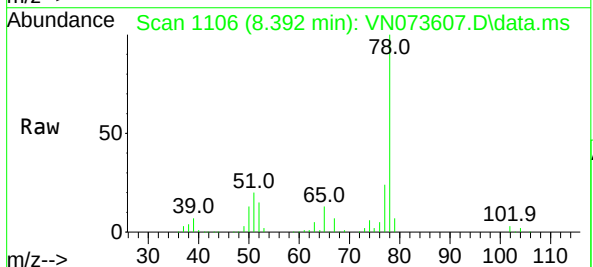
Tgt Ion: 117 Resp: 9310
Ion Ratio Lower Upper
117 100
119 100.1 77.5 116.3
121 29.4 23.5 35.3

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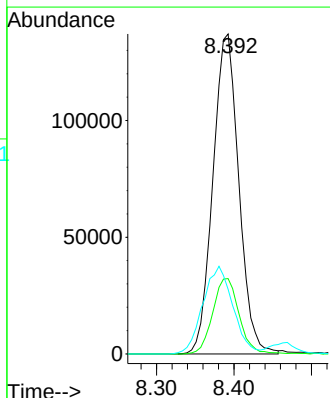
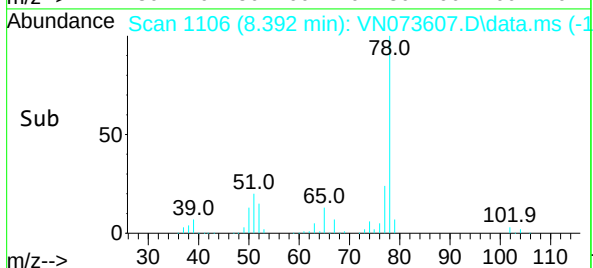
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

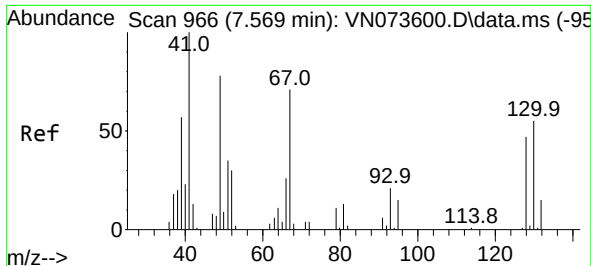


#34
Benzene
Concen: 19.549 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



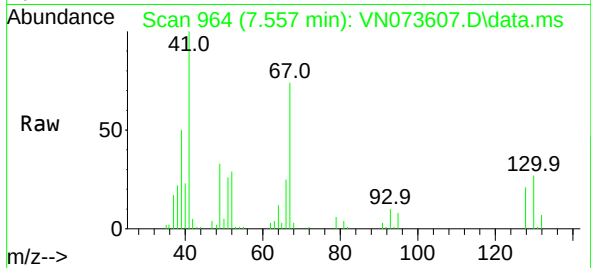
Tgt Ion: 78 Resp: 318585
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 19.8 16.0 24.0





#35
Methacrylonitrile
Concen: 19.655 ug/l
RT: 7.557 min Scan# 964
Delta R.T. -0.012 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

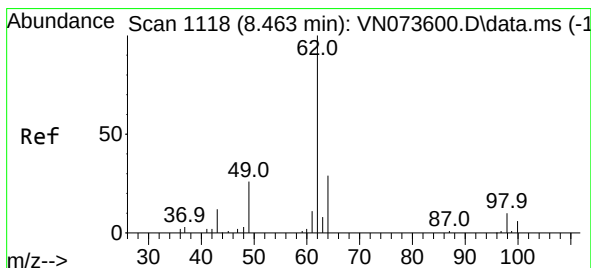
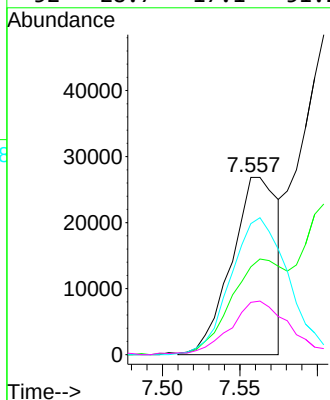
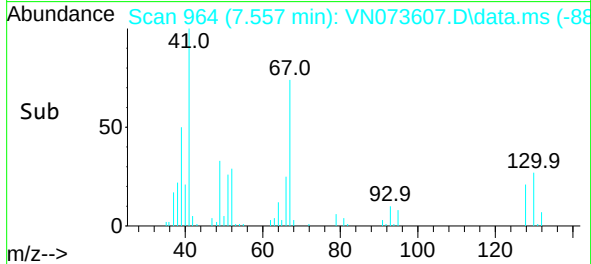
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



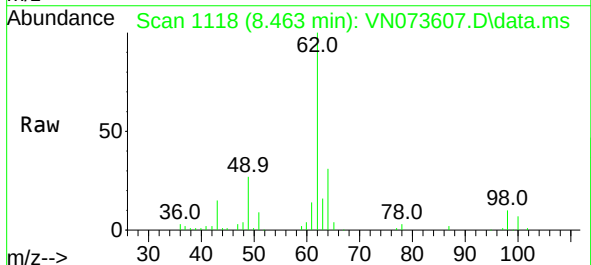
Tgt Ion: 41 Resp: 55544
Ion Ratio Lower Upper
41 100
39 49.2 28.0 83.9
67 73.8 37.7 113.1
52 28.7 17.1 51.2

Manual Integrations
APPROVED

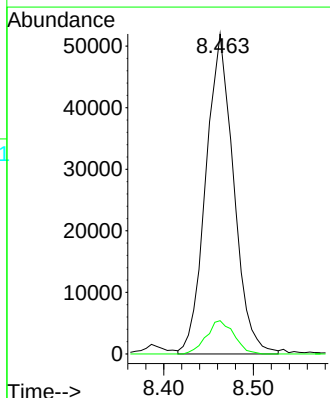
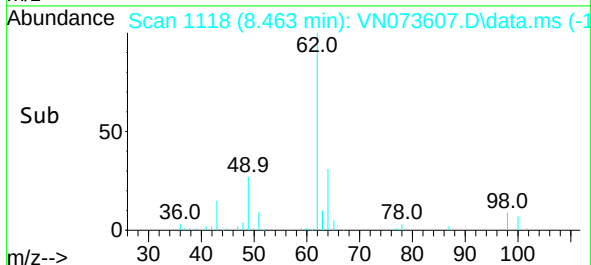
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

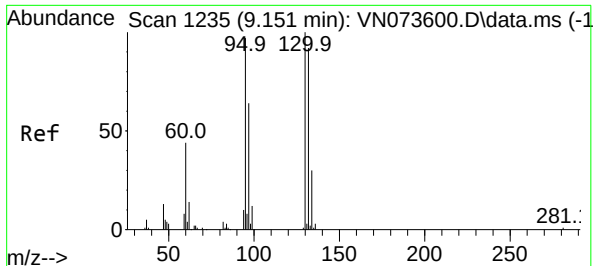


#36
1,2-Dichloroethane
Concen: 20.821 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



Tgt Ion: 62 Resp: 111887
Ion Ratio Lower Upper
62 100
98 10.3 6.6 10.0#





#37

Trichloroethene

Concen: 19.396 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. -0.000 min

Lab File: VN073607.D

Acq: 27 Jul 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01

Tgt Ion:130 Resp: 7776

Ion Ratio Lower Upper

130 100

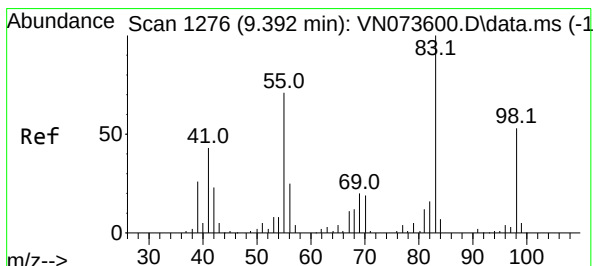
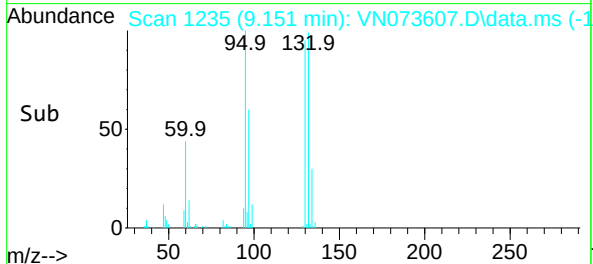
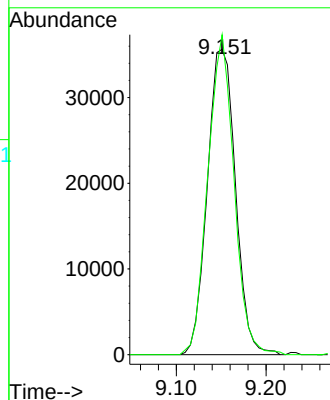
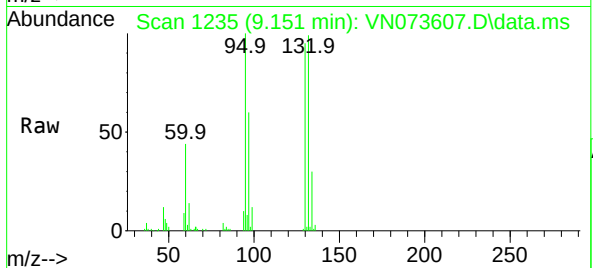
95 104.8 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#38

Methylcyclohexane

Concen: 18.306 ug/l

RT: 9.392 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VN073607.D

Acq: 27 Jul 2022 15:13

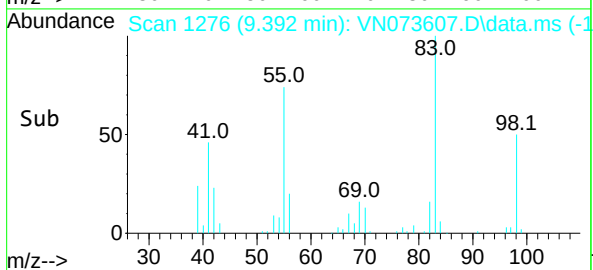
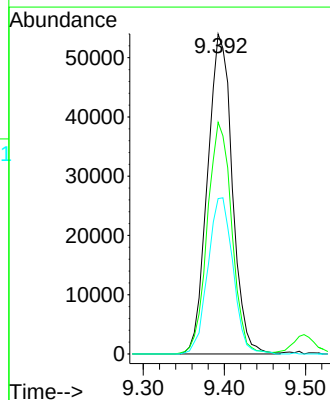
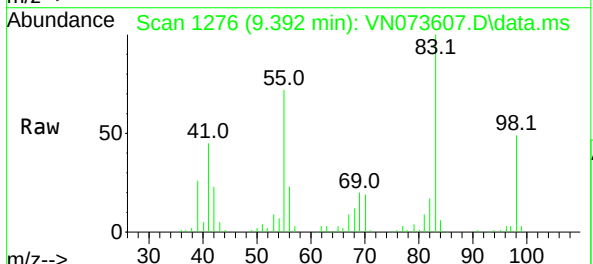
Tgt Ion: 83 Resp: 114442

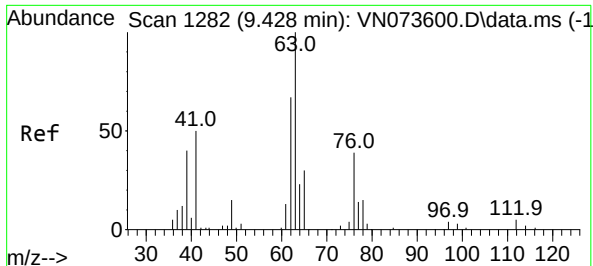
Ion Ratio Lower Upper

83 100

55 71.4 35.1 105.3

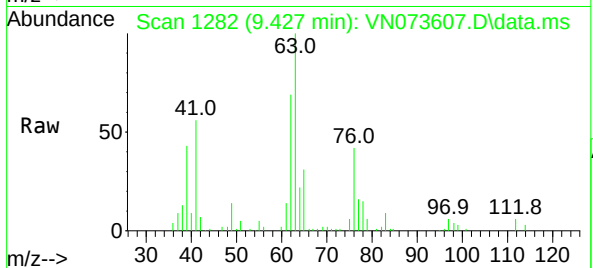
98 49.5 23.4 70.2





#39
1,2-Dichloropropane
Concen: 20.060 ug/l
RT: 9.427 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

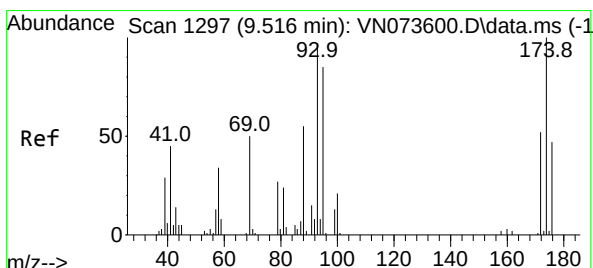
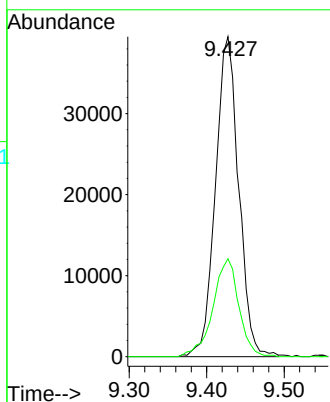
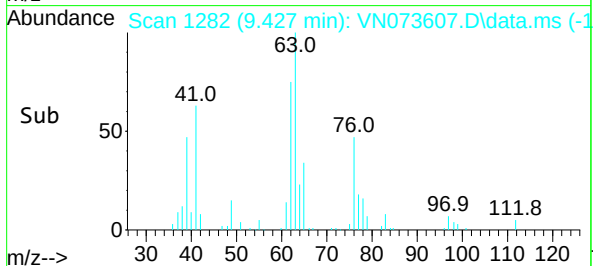
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



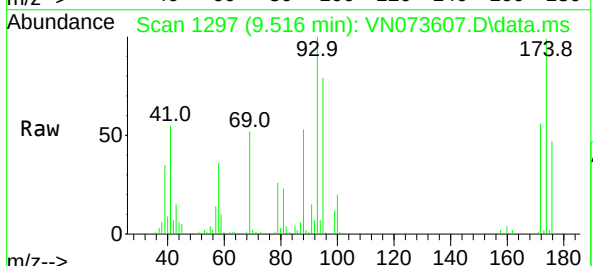
Tgt Ion: 63 Resp: 82472
Ion Ratio Lower Upper
63 100
65 30.6 24.2 36.4

Manual Integrations
APPROVED

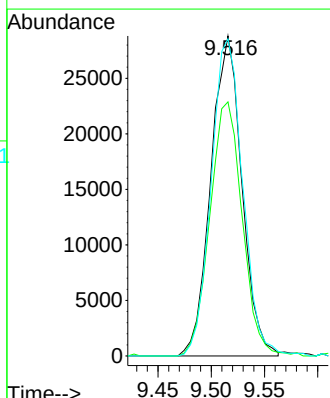
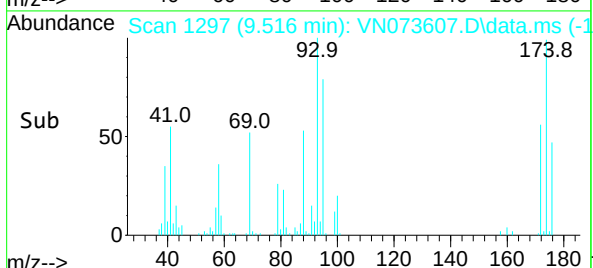
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

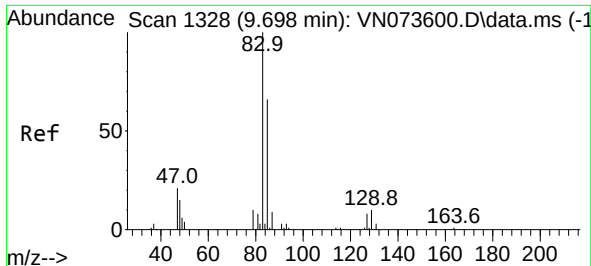


#40
Dibromomethane
Concen: 20.885 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



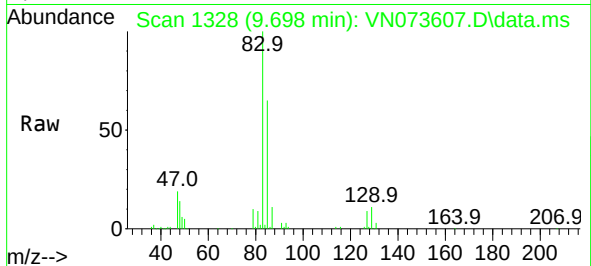
Tgt Ion: 93 Resp: 58266
Ion Ratio Lower Upper
93 100
95 82.8 0.0 168.8
174 100.8 0.0 173.6





#41
Bromodichloromethane
Concen: 19.586 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

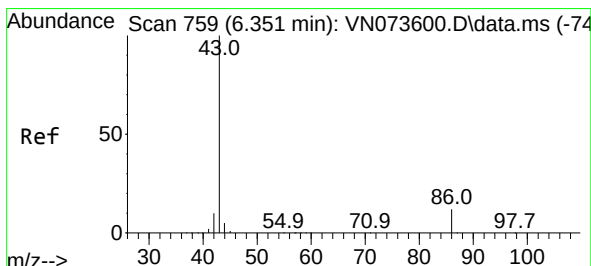
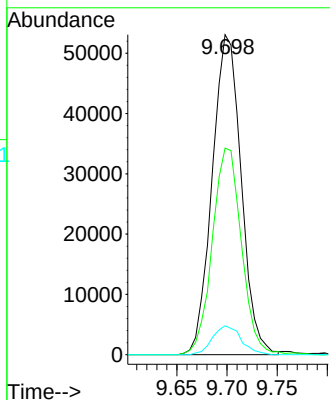
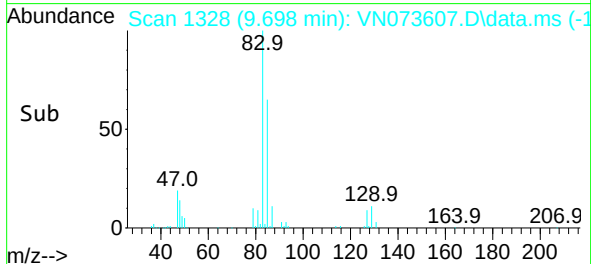
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 83 Resp: 10695
Ion Ratio Lower Upper
83 100
85 64.6 54.1 81.1
127 9.7 7.6 11.4

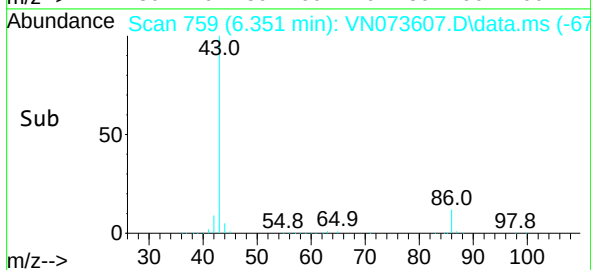
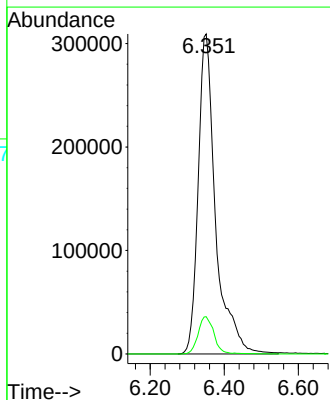
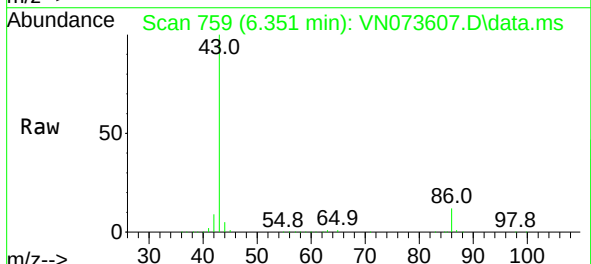
Manual Integrations
APPROVED

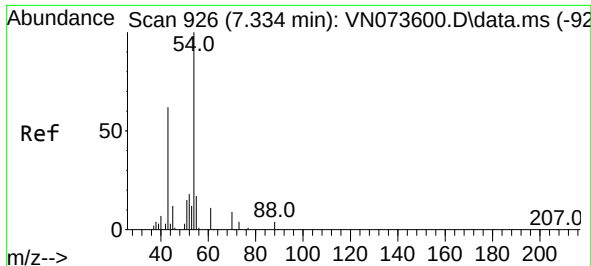
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#42
Vinyl Acetate
Concen: 100.684 ug/l
RT: 6.351 min Scan# 759
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

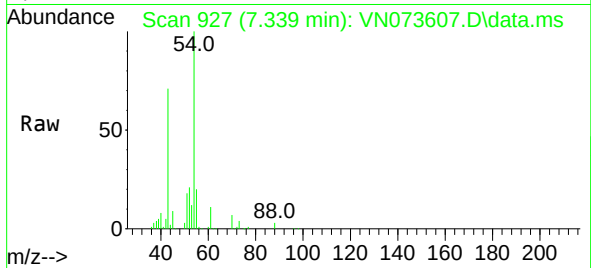
Tgt Ion: 43 Resp: 1010034
Ion Ratio Lower Upper
43 100
86 10.4 7.5 11.3





#43
Ethyl Acetate
Concen: 21.741 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

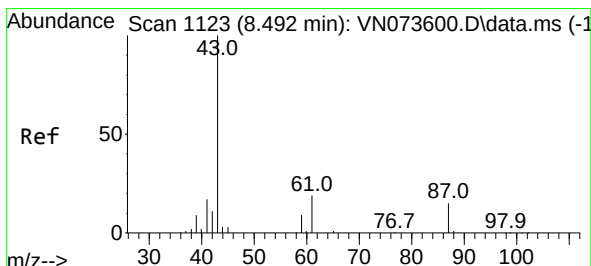
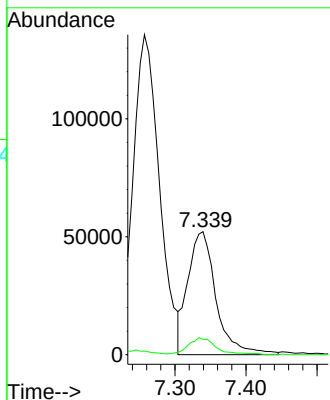
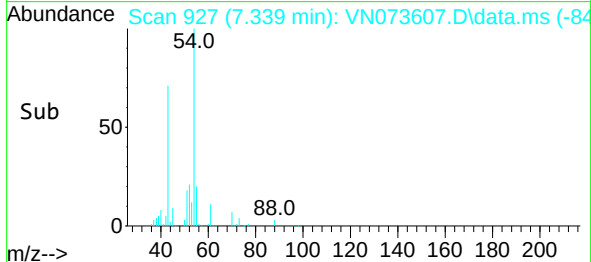
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 43 Resp: 143689
Ion Ratio Lower Upper
43 100
45 13.6 10.6 16.0

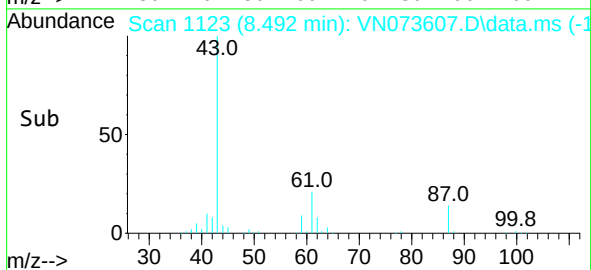
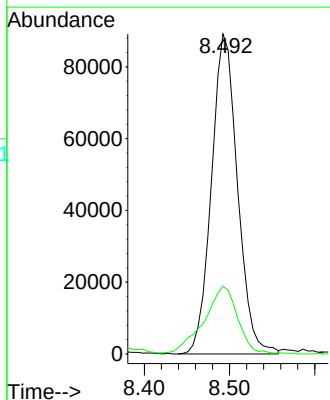
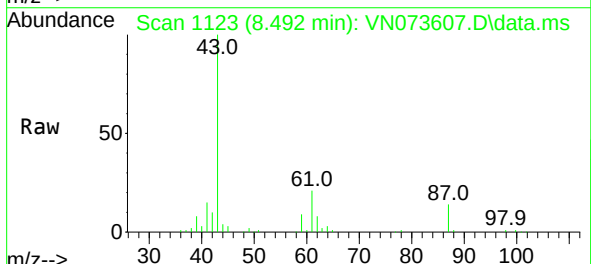
Manual Integrations
APPROVED

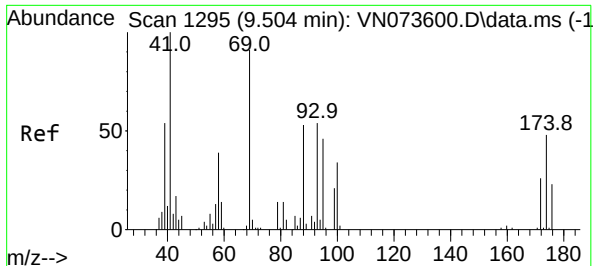
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#44
Isopropyl Acetate
Concen: 20.635 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

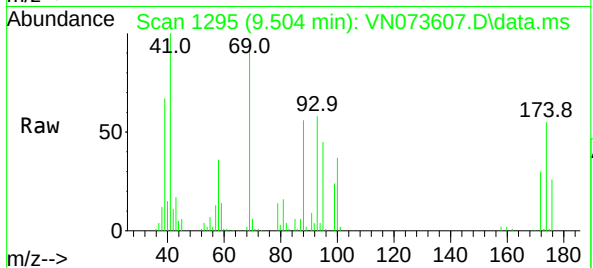
Tgt Ion: 43 Resp: 189650
Ion Ratio Lower Upper
43 100
61 27.4 20.1 30.1





#45
1,4-Dioxane
Concen: 408.503 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

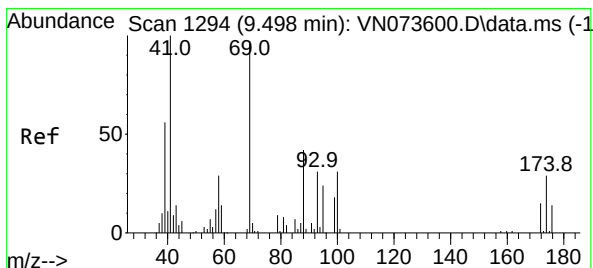
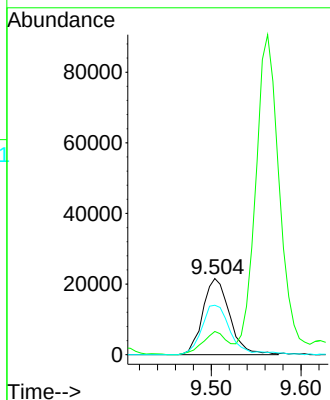
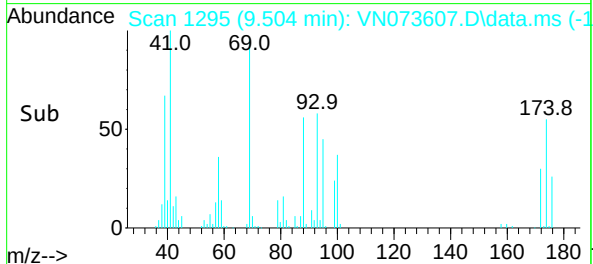
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



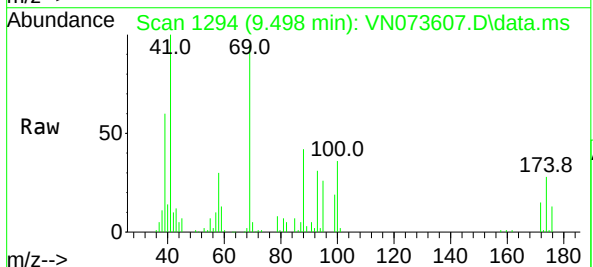
Tgt Ion: 88 Resp: 4476
Ion Ratio Lower Upper
88 100
43 29.4 25.0 37.6
58 66.3 49.4 74.2

Manual Integrations
APPROVED

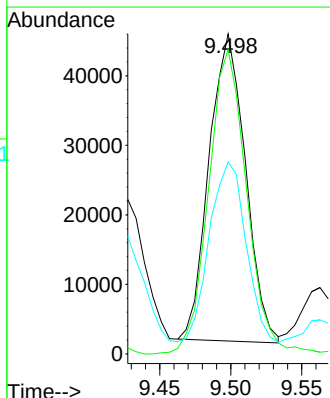
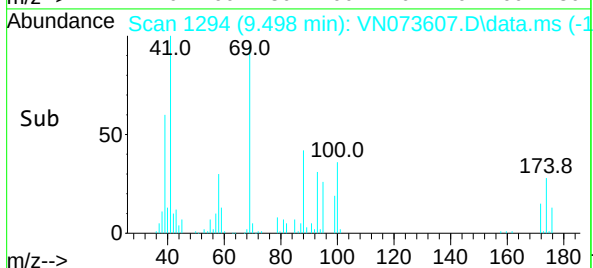
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

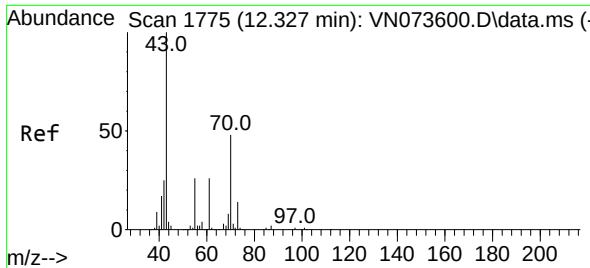


#46
Methyl methacrylate
Concen: 19.122 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



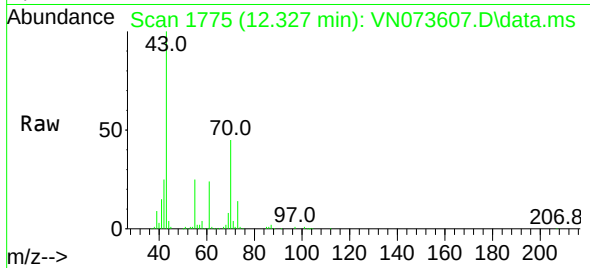
Tgt Ion: 41 Resp: 78591
Ion Ratio Lower Upper
41 100
69 97.9 44.4 133.2
39 59.0 39.9 119.6





#47
n-amy1 Acetate
Concen: 18.903 ug/l
RT: 12.327 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

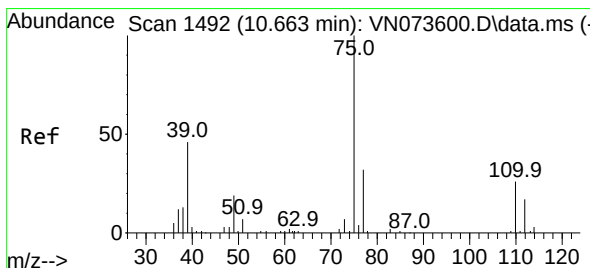
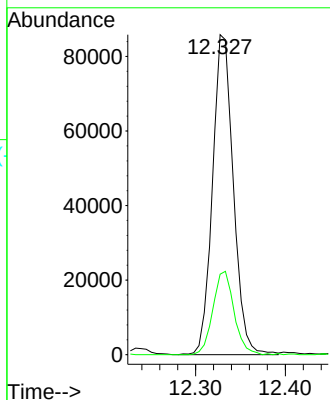
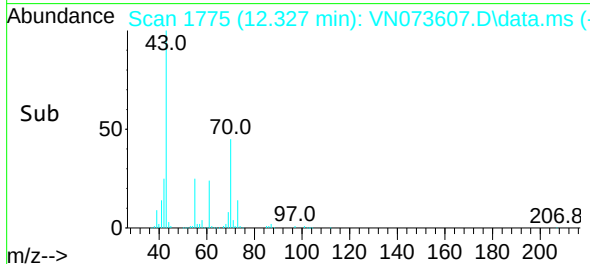
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



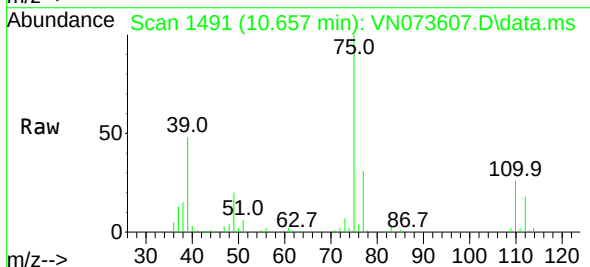
Tgt Ion: 43 Resp: 138502
Ion Ratio Lower Upper
43 100
55 26.3 19.0 28.6

Manual Integrations
APPROVED

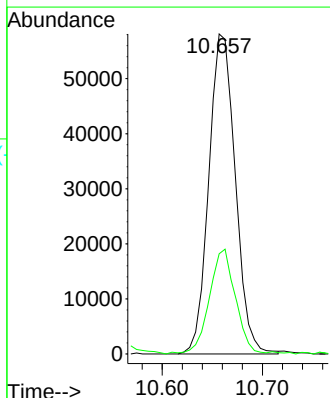
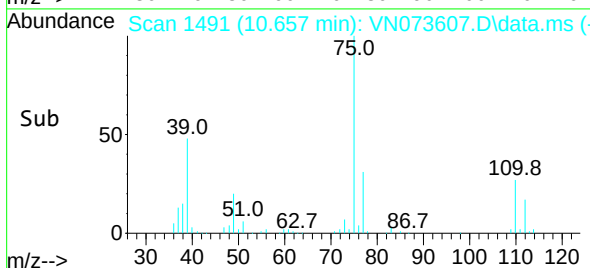
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

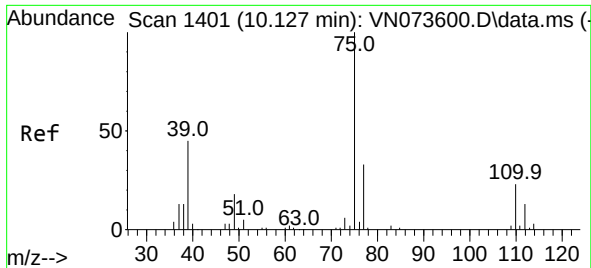


#48
t-1,3-Dichloropropene
Concen: 19.017 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



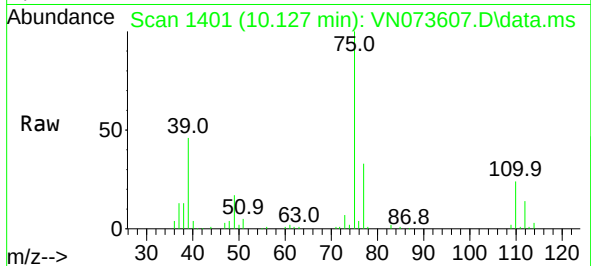
Tgt Ion: 75 Resp: 106919
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.684 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073607.D
 Acq: 27 Jul 2022 15:13

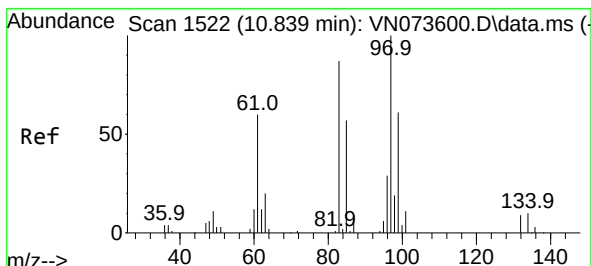
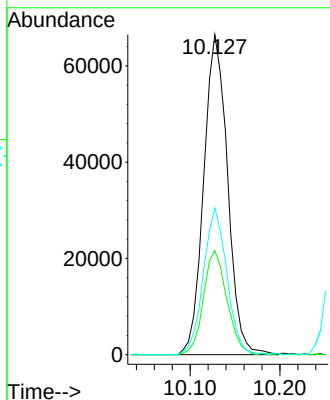
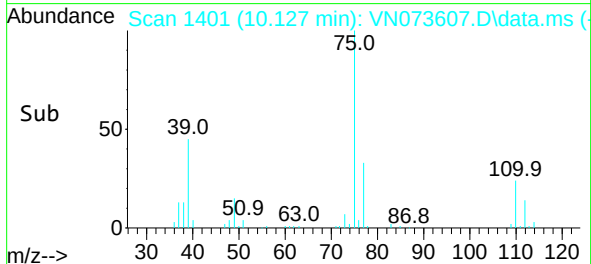
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01



Tgt Ion: 75 Resp: 122874
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 45.9 46.2 69.4

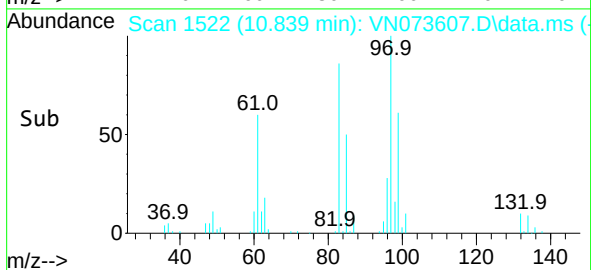
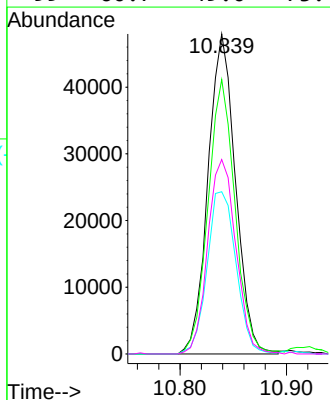
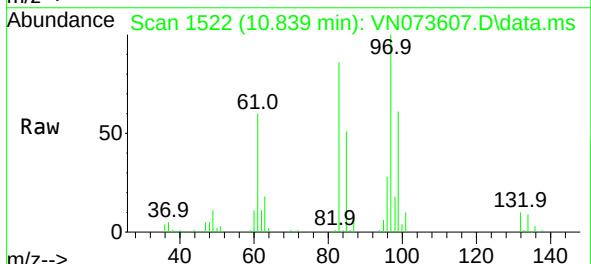
Manual Integrations
 APPROVED

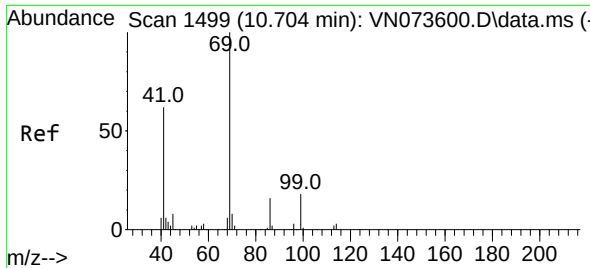
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.526 ug/l
 RT: 10.839 min Scan# 1522
 Delta R.T. 0.000 min
 Lab File: VN073607.D
 Acq: 27 Jul 2022 15:13

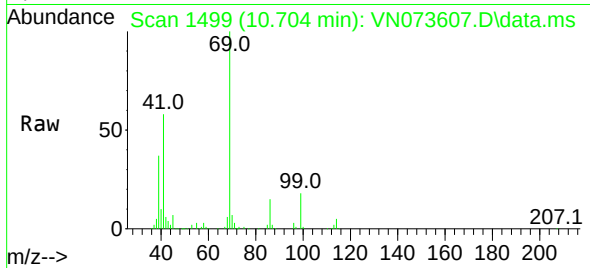
Tgt Ion: 97 Resp: 85907
 Ion Ratio Lower Upper
 97 100
 83 85.8 67.2 100.8
 85 50.7 43.0 64.4
 99 60.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.325 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

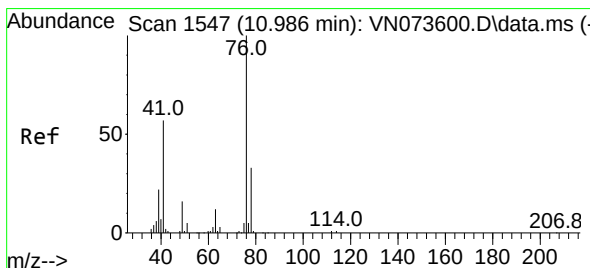
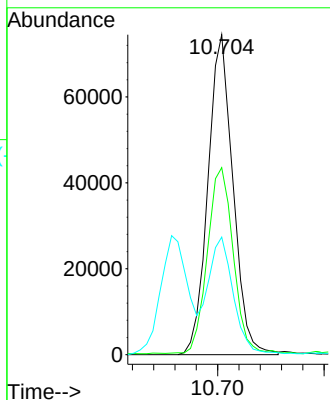
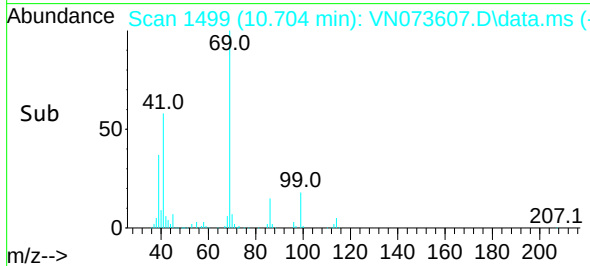
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



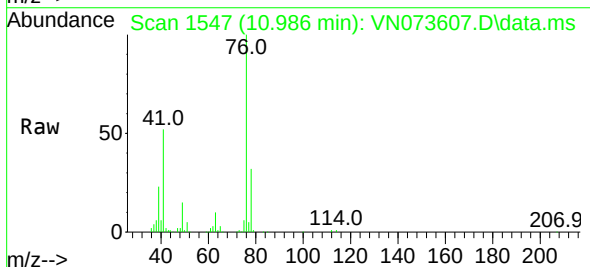
Tgt Ion: 69 Resp: 121590
Ion Ratio Lower Upper
69 100
41 57.8 33.0 98.9
39 36.1 25.4 76.4

Manual Integrations
APPROVED

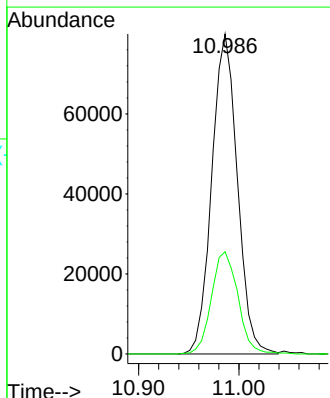
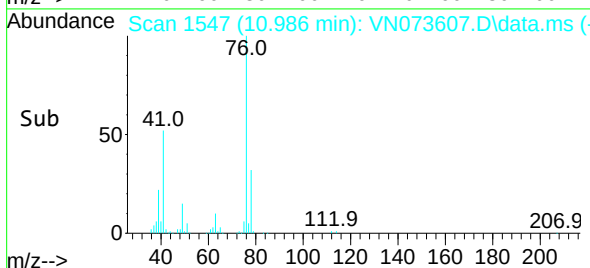
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

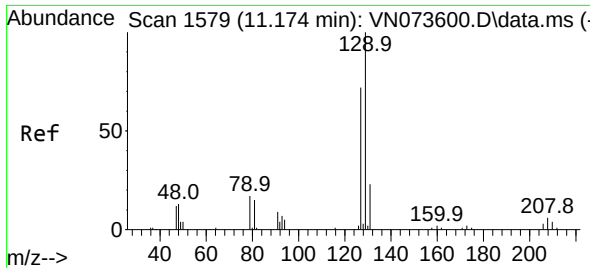


#52
1,3-Dichloropropane
Concen: 20.095 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



Tgt Ion: 76 Resp: 141763
Ion Ratio Lower Upper
76 100
78 33.1 0.0 65.4





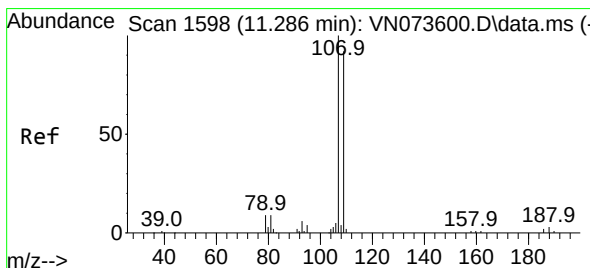
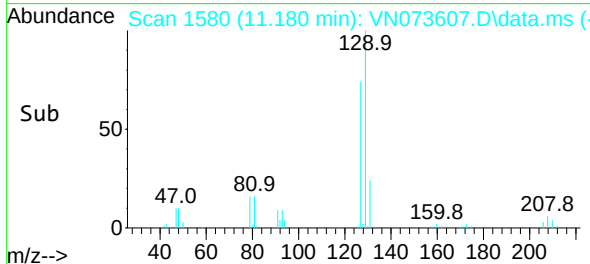
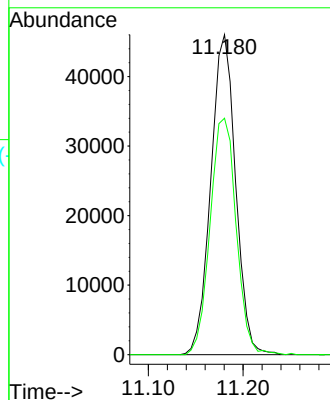
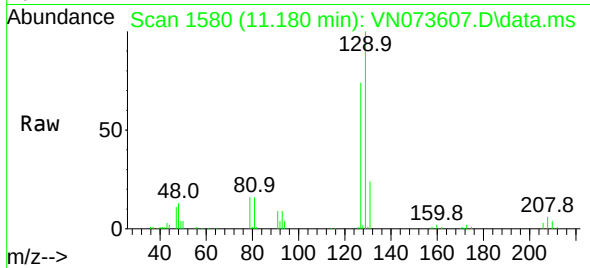
#53
Dibromochloromethane
Concen: 19.753 ug/l
RT: 11.180 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tgt Ion:129 Resp: 83782
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

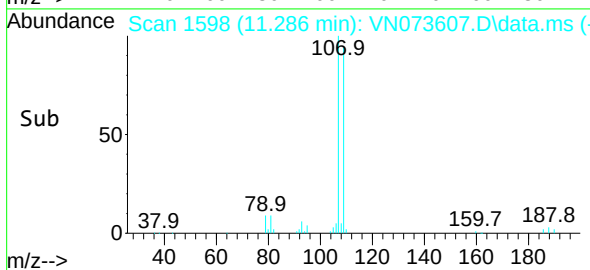
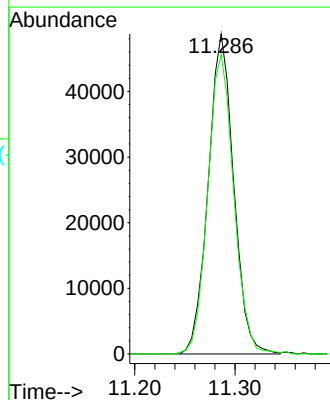
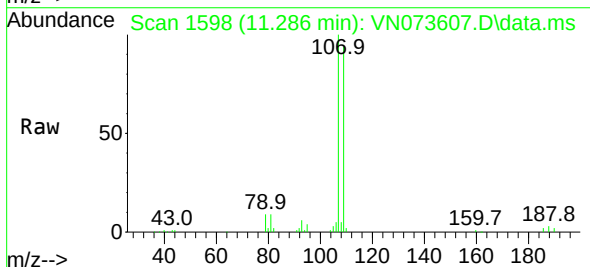
Manual Integrations
APPROVED

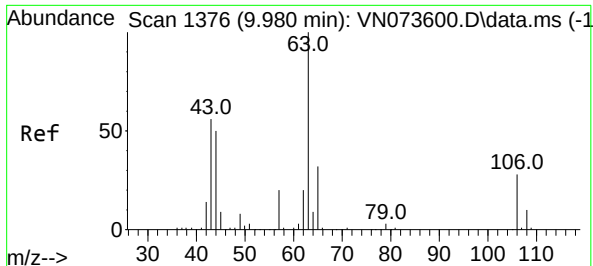
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#54
1,2-Dibromoethane
Concen: 20.181 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

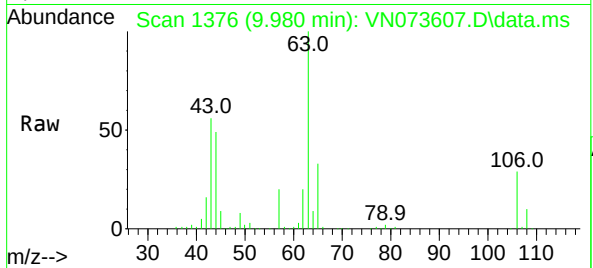
Tgt Ion:107 Resp: 86077
Ion Ratio Lower Upper
107 100
109 95.4 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 96.640 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

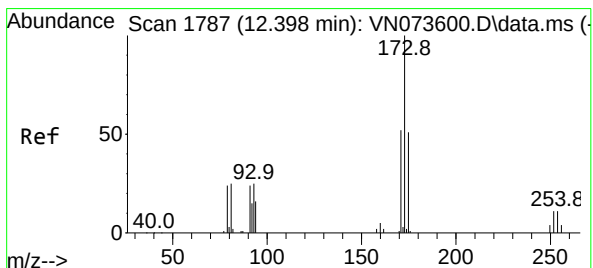
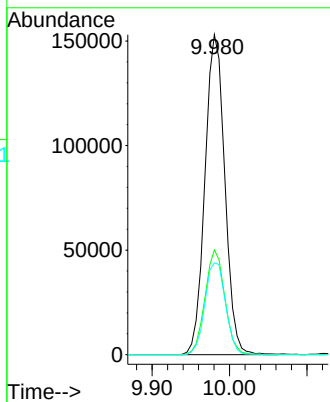
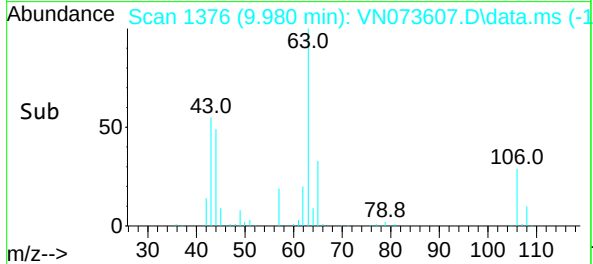
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 63 Resp: 272730
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.0
106 29.9 23.2 34.8

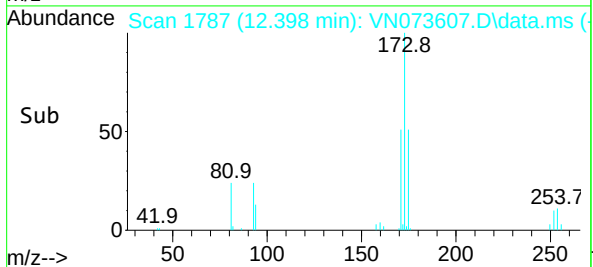
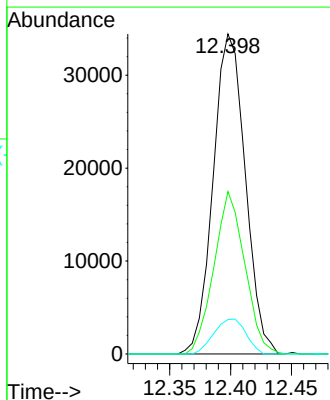
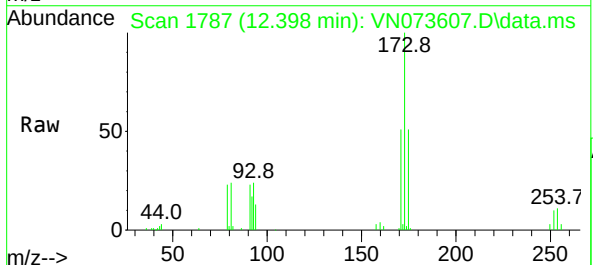
Manual Integrations
APPROVED

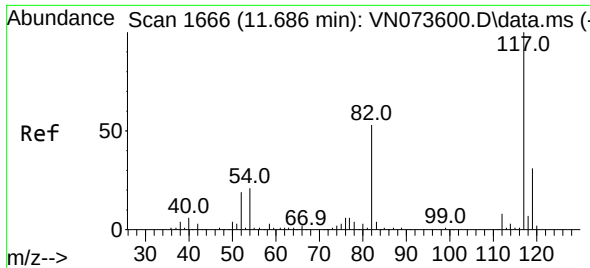
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#56
Bromoform
Concen: 18.963 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

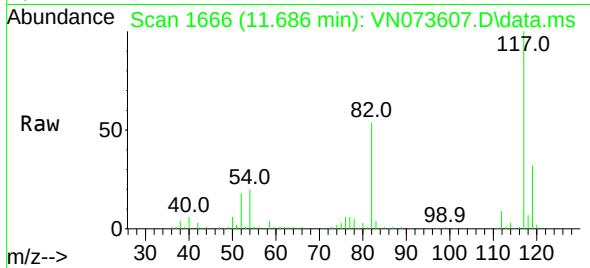
Tgt Ion:173 Resp: 63207
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 10.8 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

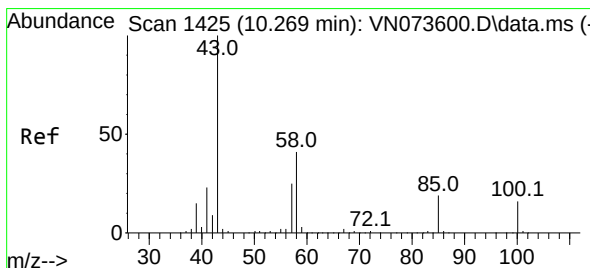
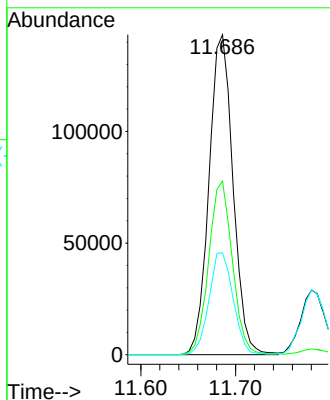
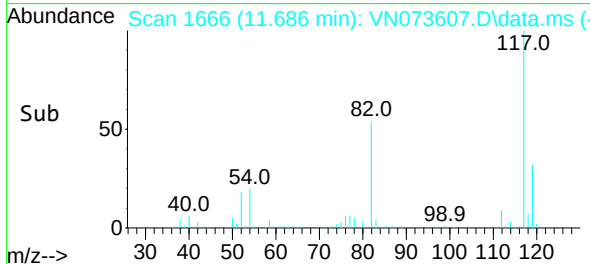
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



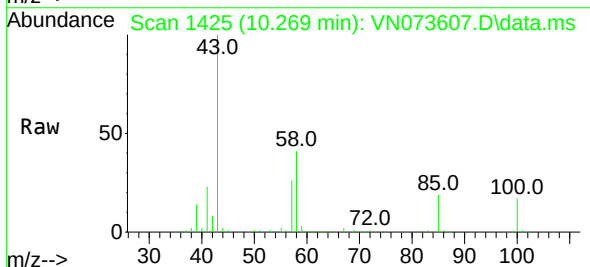
Tgt Ion:117 Resp: 252400
Ion Ratio Lower Upper
117 100
82 53.4 43.6 65.4
119 32.1 25.8 38.6

Manual Integrations
APPROVED

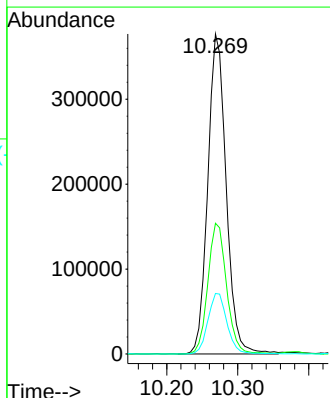
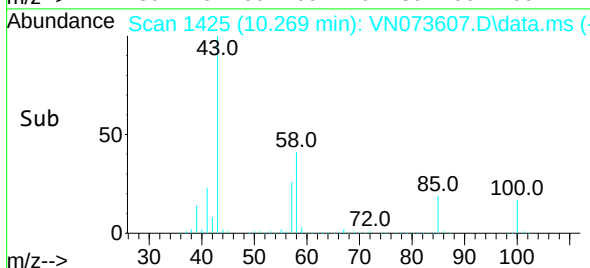
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

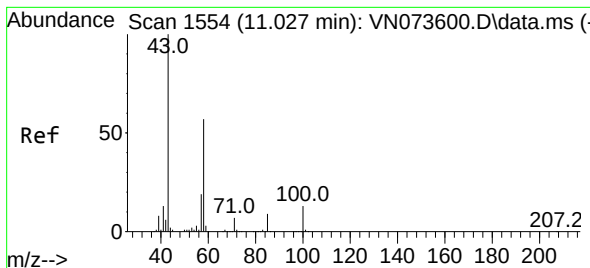


#58
4-Methyl-2-Pentanone
Concen: 103.973 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



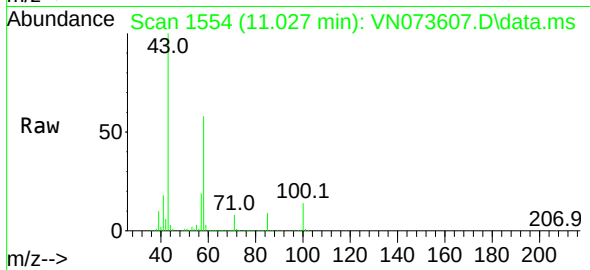
Tgt Ion: 43 Resp: 678565
Ion Ratio Lower Upper
43 100
58 41.6 30.0 45.0
85 19.6 15.0 22.6





#59
2-Hexanone
Concen: 102.827 ug/l
RT: 11.027 min Scan# 1154
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

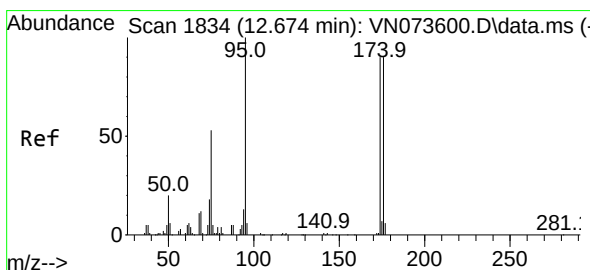
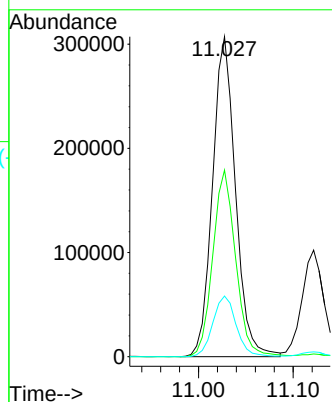
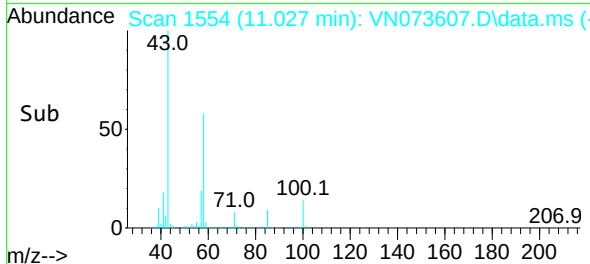
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



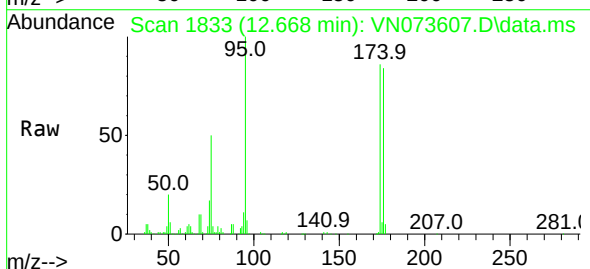
Tgt Ion: 43 Resp: 516890
Ion Ratio Lower Upper
43 100
58 58.2 42.2 63.2
57 19.5 15.0 22.4

Manual Integrations
APPROVED

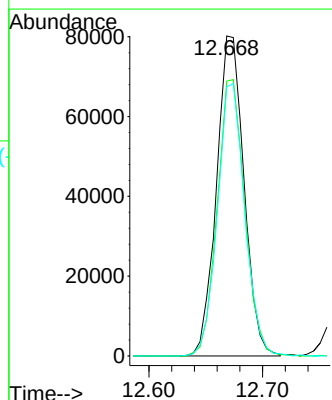
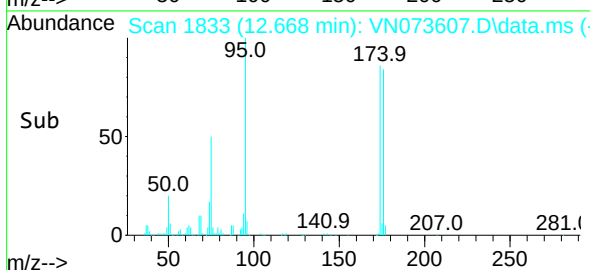
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

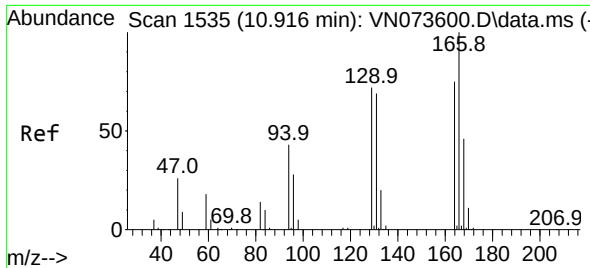


#60
4-Bromofluorobenzene
Concen: 30.158 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



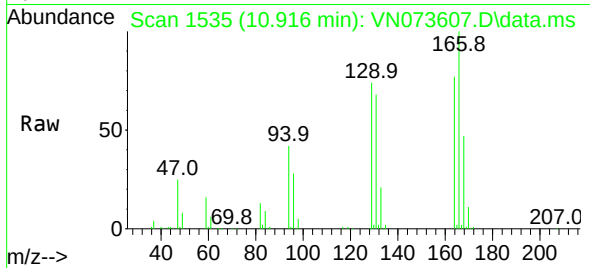
Tgt Ion: 95 Resp: 134779
Ion Ratio Lower Upper
95 100
174 86.4 62.9 94.3
176 84.5 61.0 91.4





#61
Tetrachloroethene
Concen: 19.463 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

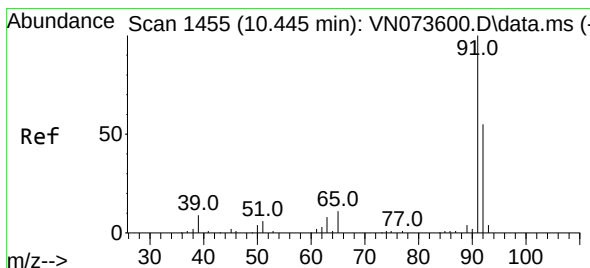
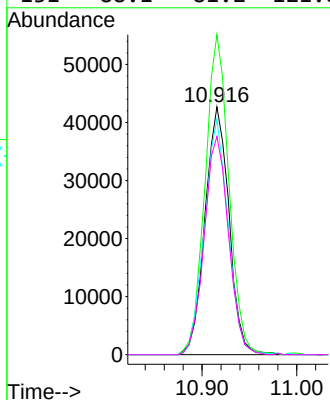
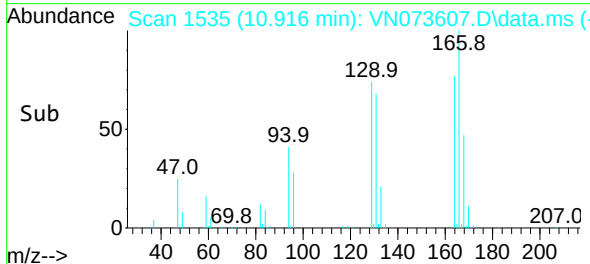
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



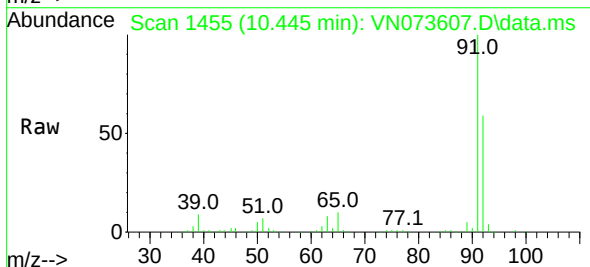
Tgt Ion:164 Resp: 75240
Ion Ratio Lower Upper
164 100
166 129.1 105.8 158.8
129 95.0 82.5 123.7
131 88.1 81.2 121.8

Manual Integrations
APPROVED

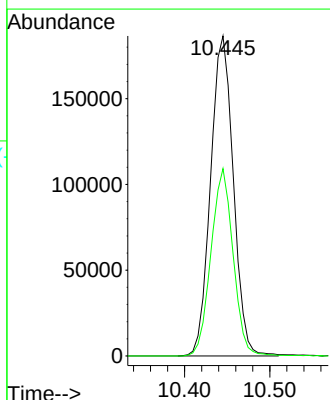
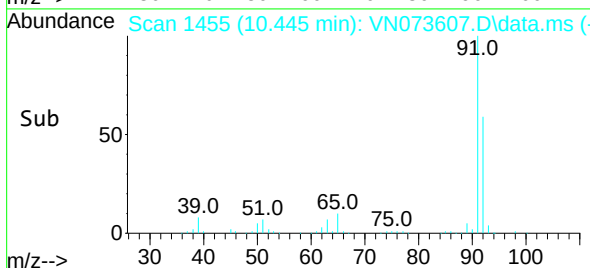
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

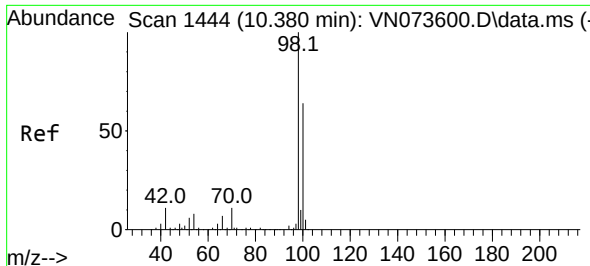


#62
Toluene
Concen: 19.699 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



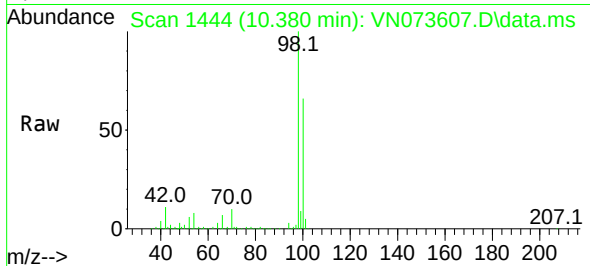
Tgt Ion: 91 Resp: 345756
Ion Ratio Lower Upper
91 100
92 57.0 44.6 67.0





#63
Toluene-d8
Concen: 30.244 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

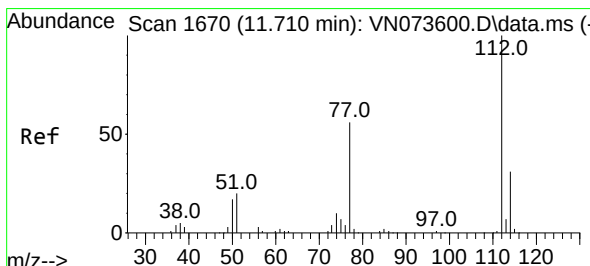
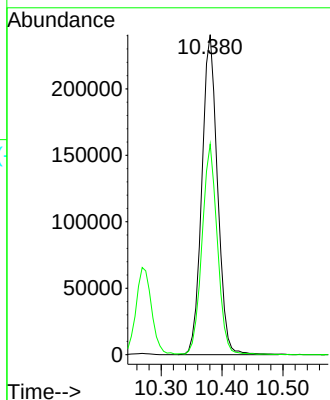
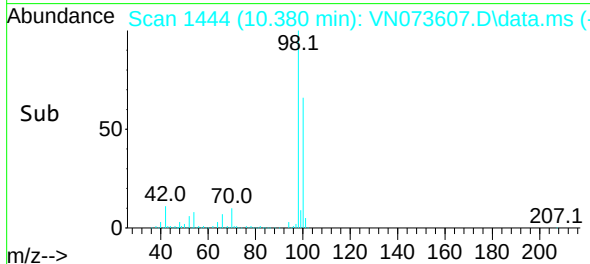
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 98 Resp: 429832
Ion Ratio Lower Upper
98 100
100 64.5 50.6 76.0

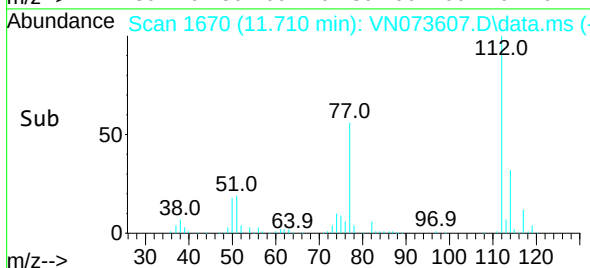
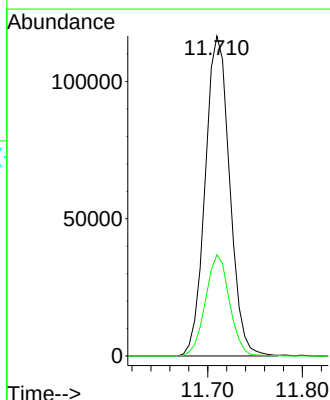
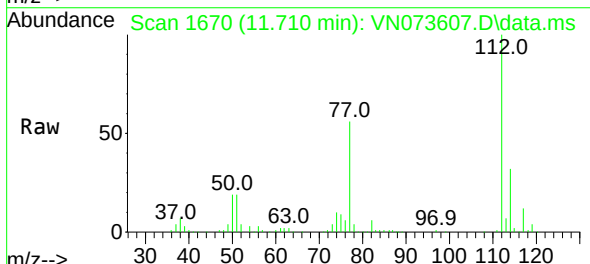
Manual Integrations
APPROVED

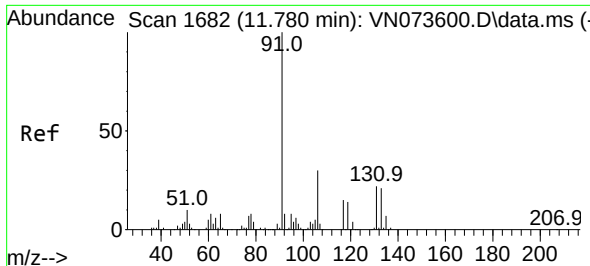
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#64
Chlorobenzene
Concen: 19.952 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

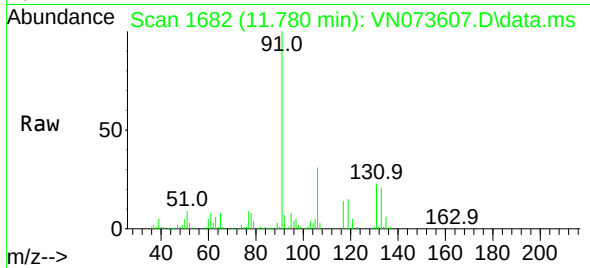
Tgt Ion:112 Resp: 209234
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.019 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

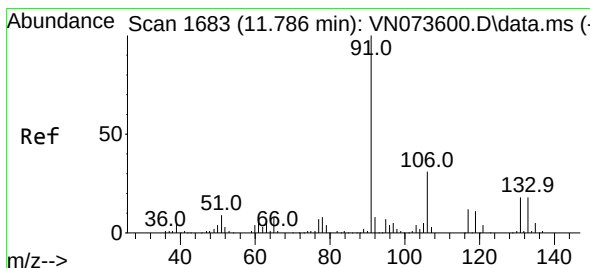
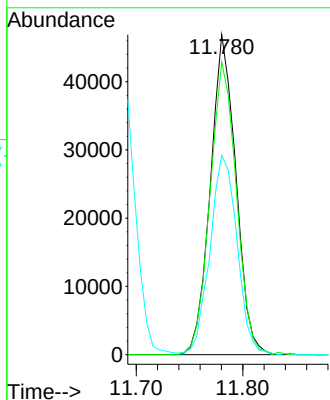
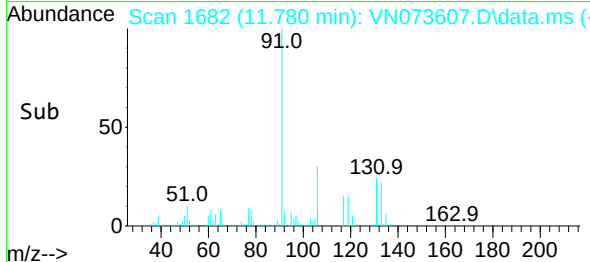
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion:131 Resp: 7793
Ion Ratio Lower Upper
131 100
133 94.2 0.0 191.2
119 66.2 0.0 128.8

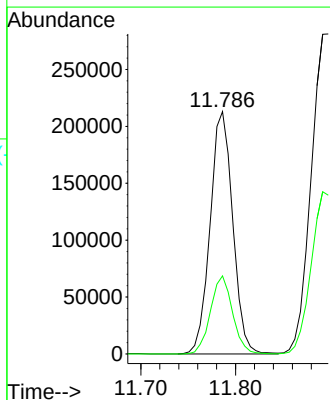
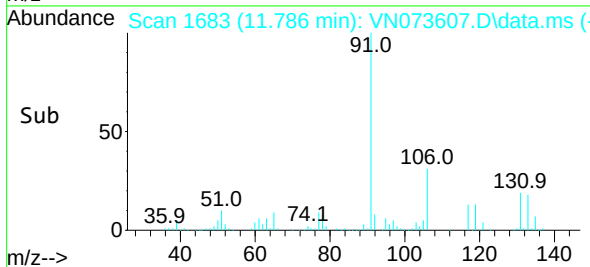
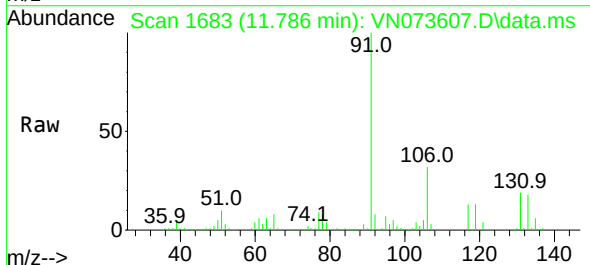
Manual Integrations
APPROVED

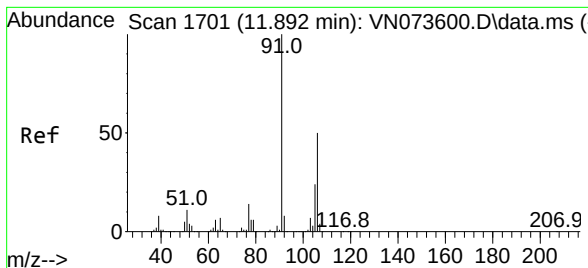
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#66
Ethyl Benzene
Concen: 18.843 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

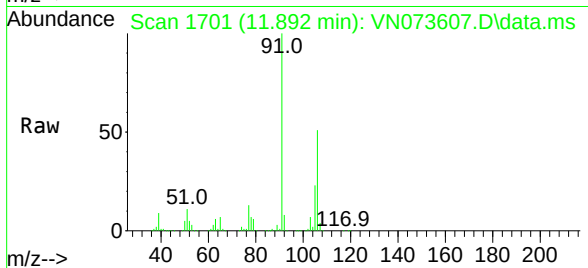
Tgt Ion: 91 Resp: 353583
Ion Ratio Lower Upper
91 100
106 32.2 24.0 36.0





#67
m/p-Xylenes
Concen: 38.753 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

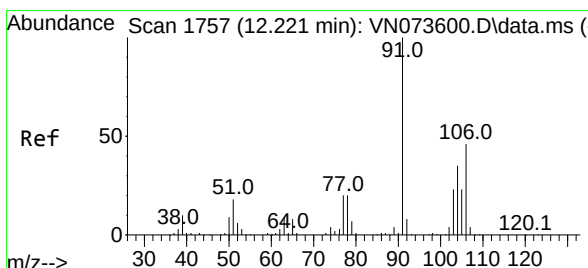
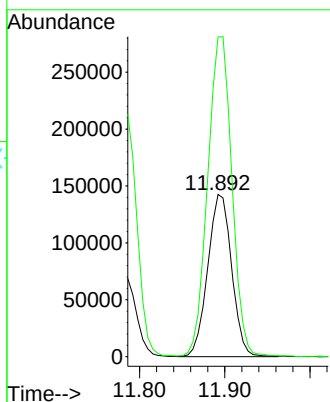
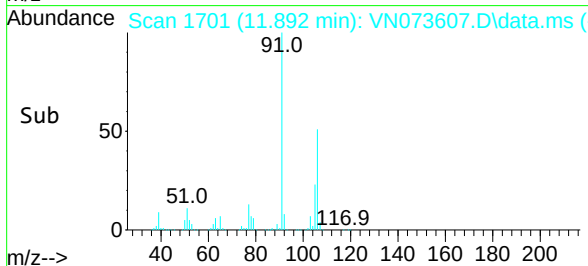
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



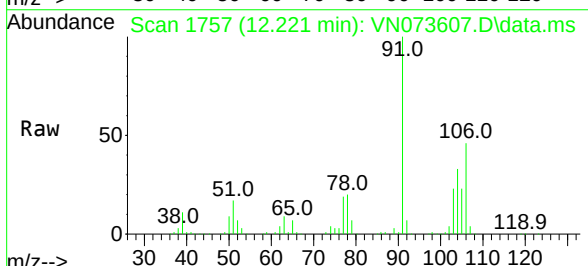
Tgt Ion:106 Resp: 27794
Ion Ratio Lower Upper
106 100
91 200.7 162.9 244.3

Manual Integrations
APPROVED

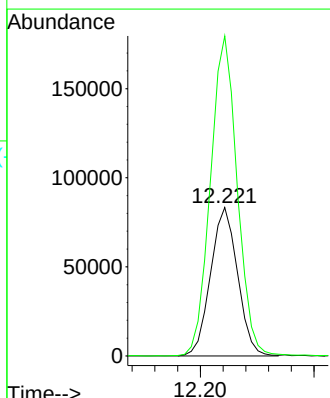
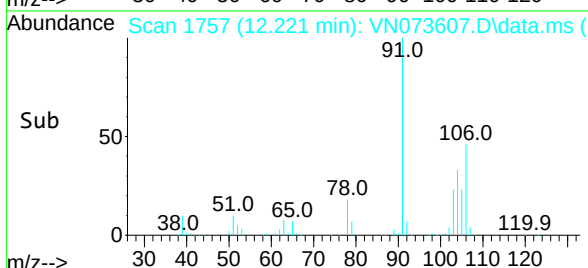
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

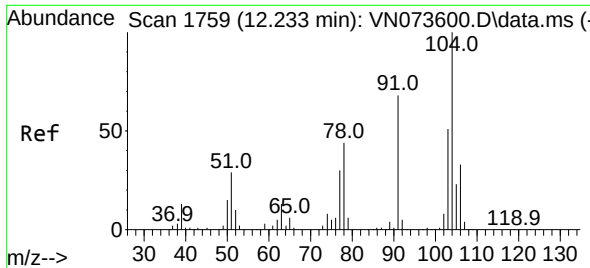


#68
o-Xylene
Concen: 19.312 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



Tgt Ion:106 Resp: 137570
Ion Ratio Lower Upper
106 100
91 214.1 107.7 323.1





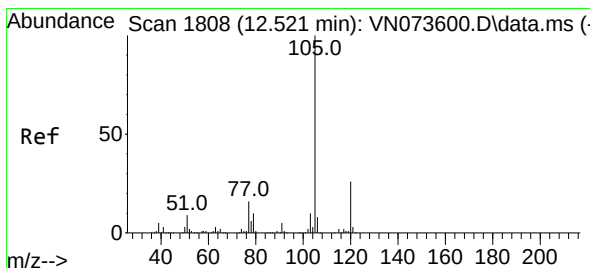
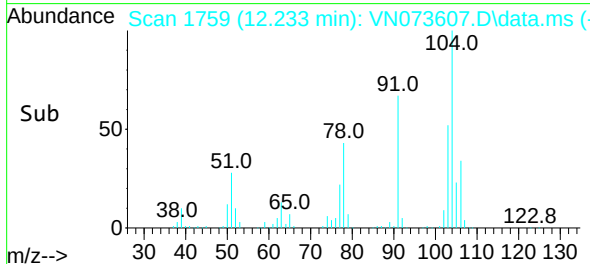
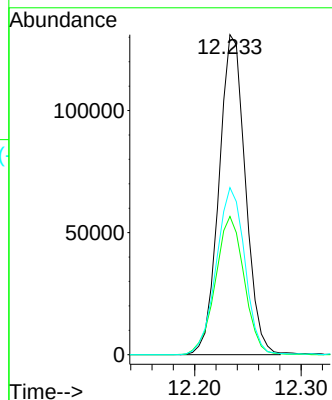
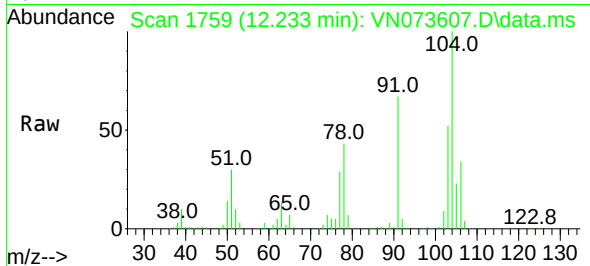
#69
Styrene
Concen: 19.210 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tgt Ion:104 Resp: 225558
Ion Ratio Lower Upper
104 100
78 47.0 40.7 61.1
103 56.4 45.8 68.8

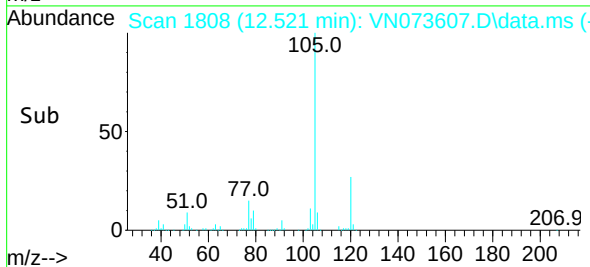
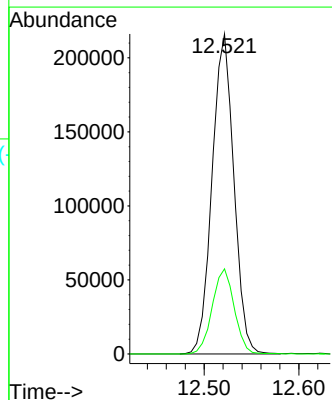
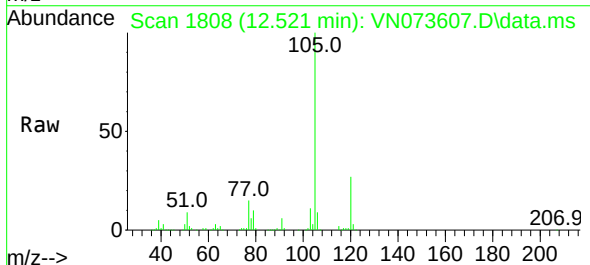
Manual Integrations
APPROVED

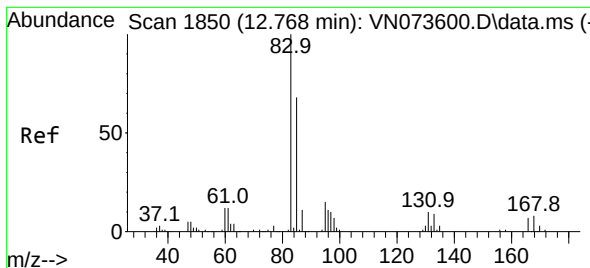
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#70
Isopropylbenzene
Concen: 18.975 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

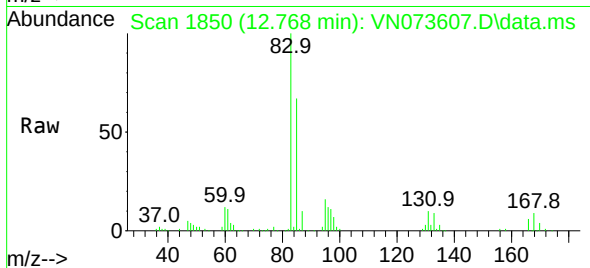
Tgt Ion:105 Resp: 345588
Ion Ratio Lower Upper
105 100
120 26.9 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.728 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

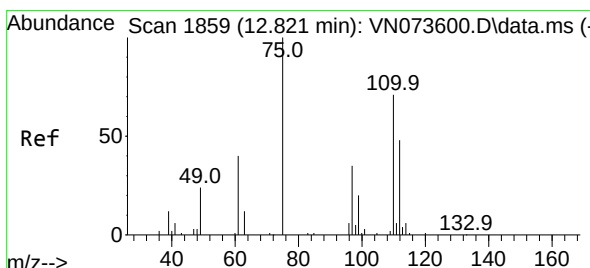
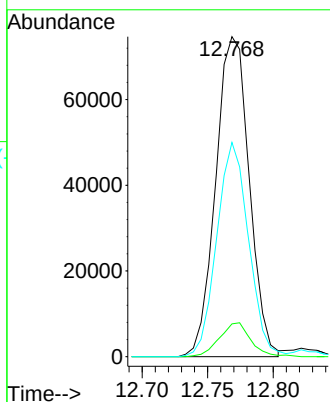
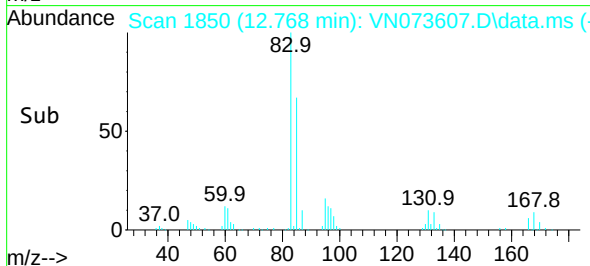
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 83 Resp: 13274
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 63.5 33.1 99.2

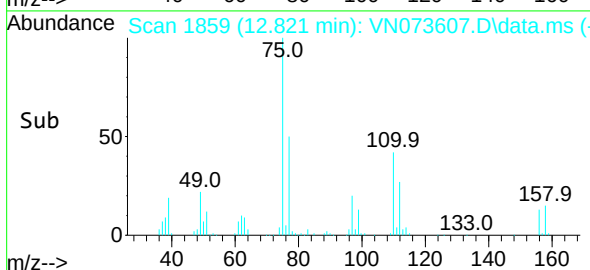
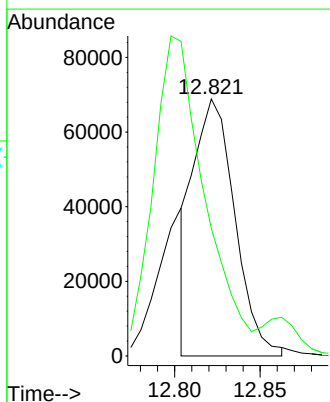
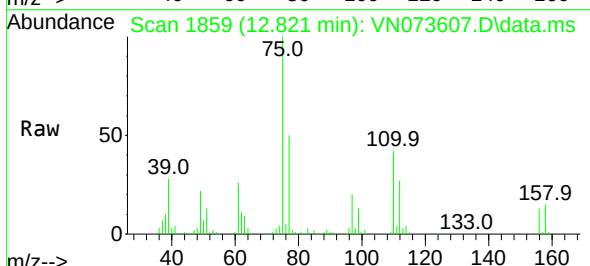
Manual Integrations
APPROVED

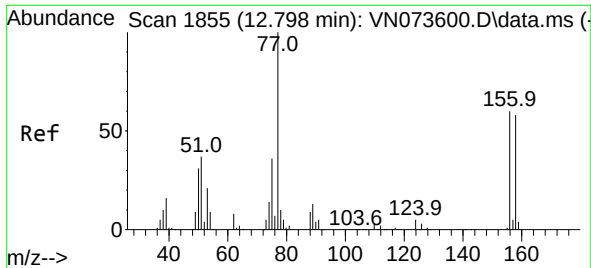
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#72
1,2,3-Trichloropropane
Concen: 21.865 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

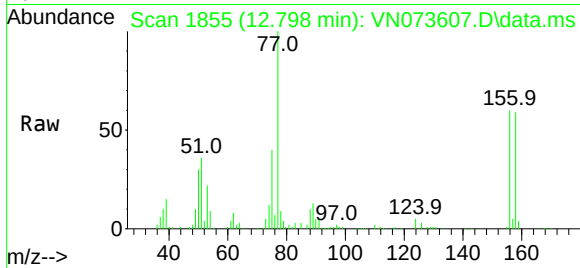
Tgt Ion: 75 Resp: 116944
Ion Ratio Lower Upper
75 100
77 154.5 0.0 378.0





#73
Bromobenzene
Concen: 19.762 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

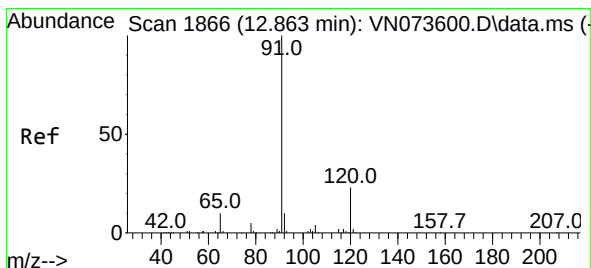
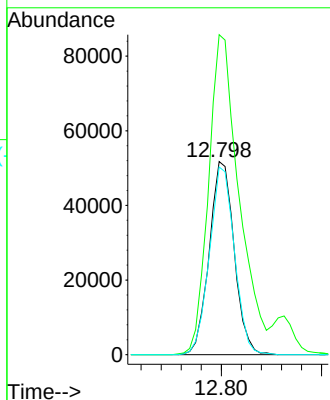
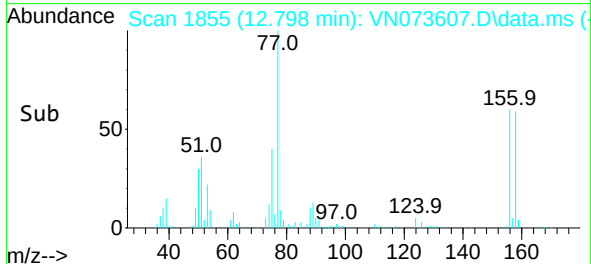
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



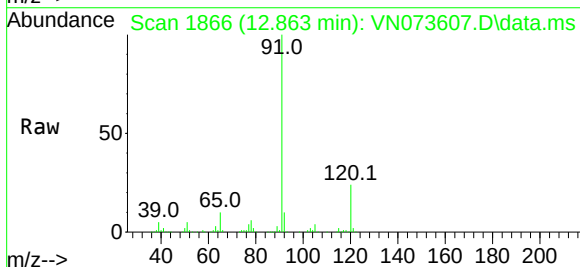
Tgt Ion:156 Resp: 89404
Ion Ratio Lower Upper
156 100
77 202.1 0.0 416.0
158 97.5 0.0 195.4

Manual Integrations
APPROVED

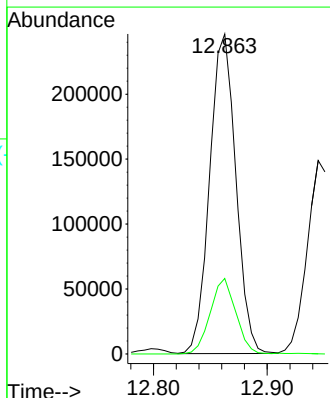
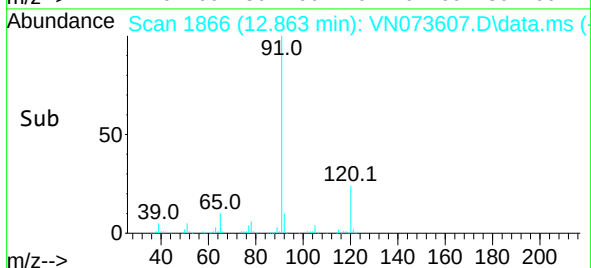
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

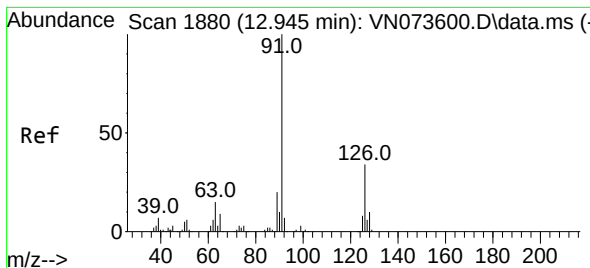


#74
n-propylbenzene
Concen: 18.603 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



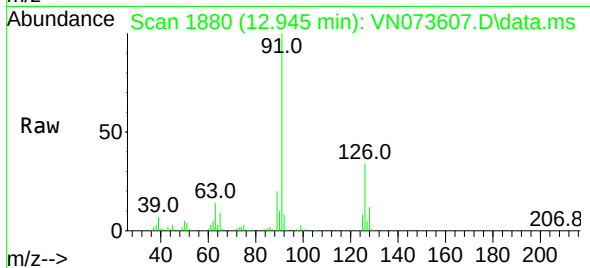
Tgt Ion: 91 Resp: 394293
Ion Ratio Lower Upper
91 100
120 23.0 0.0 45.0





#75
2-Chlorotoluene
Concen: 19.218 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

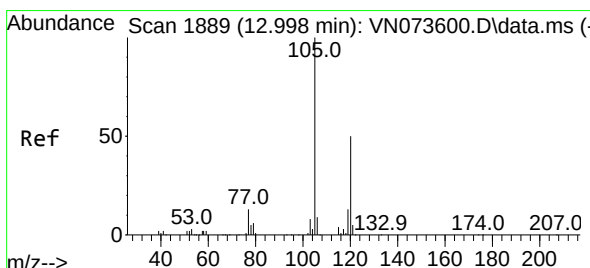
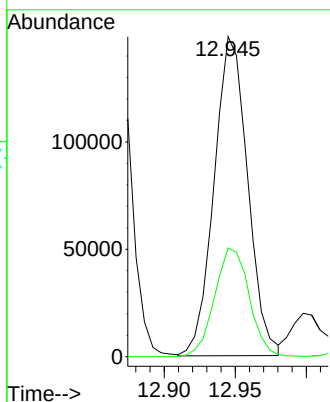
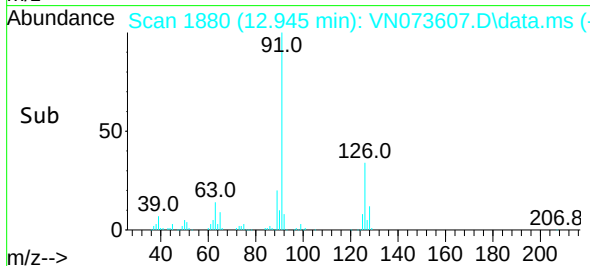
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



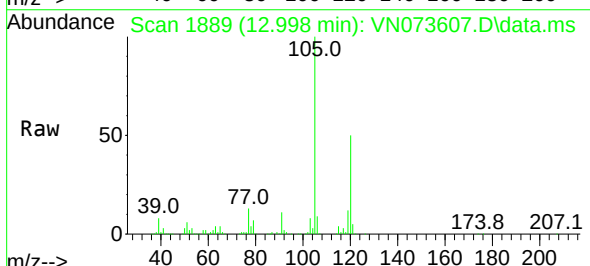
Tgt Ion: 91 Resp: 24417
Ion Ratio Lower Upper
91 100
126 35.2 0.0 69.8

Manual Integrations
APPROVED

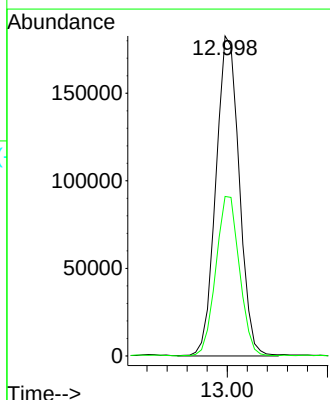
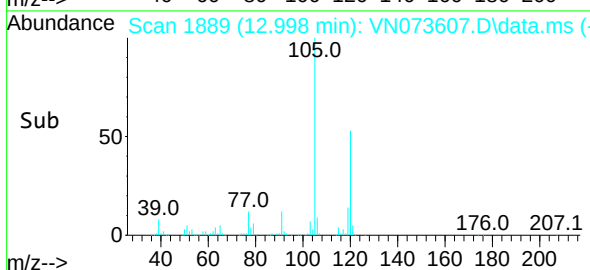
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

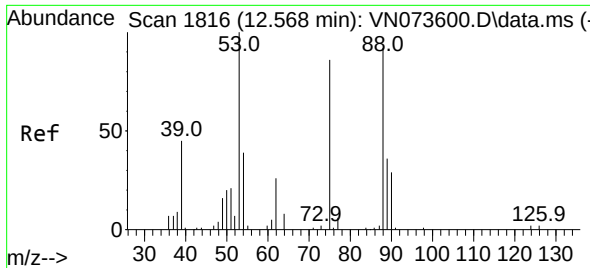


#76
1,3,5-Trimethylbenzene
Concen: 19.337 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



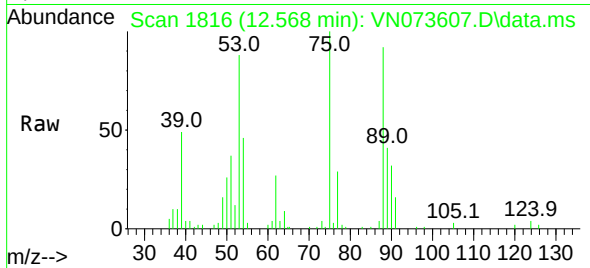
Tgt Ion:105 Resp: 294977
Ion Ratio Lower Upper
105 100
120 50.5 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.580 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

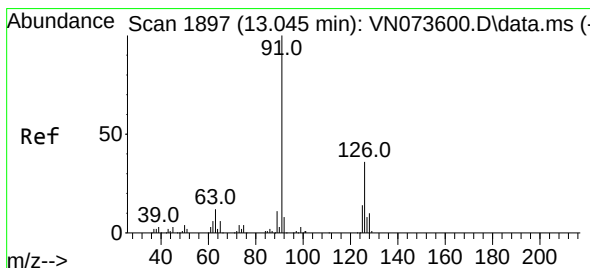
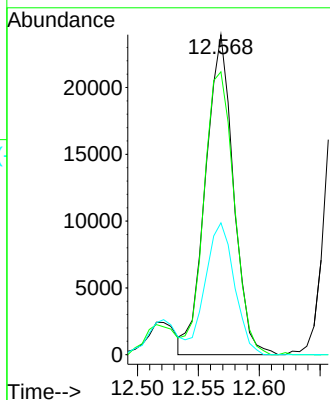
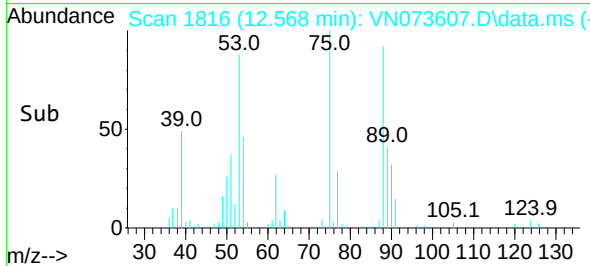
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion: 75 Resp: 38164
Ion Ratio Lower Upper
75 100
53 88.4 51.8 155.5
89 41.2 22.9 68.7

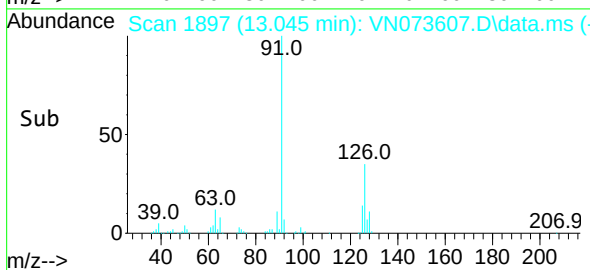
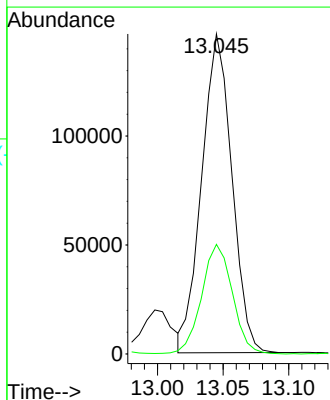
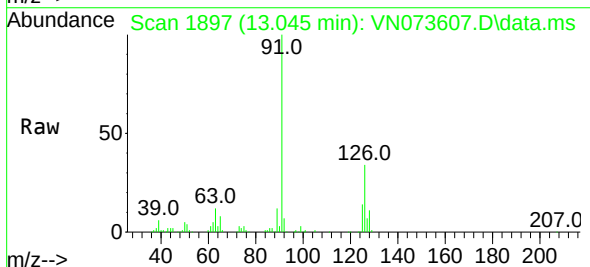
Manual Integrations
APPROVED

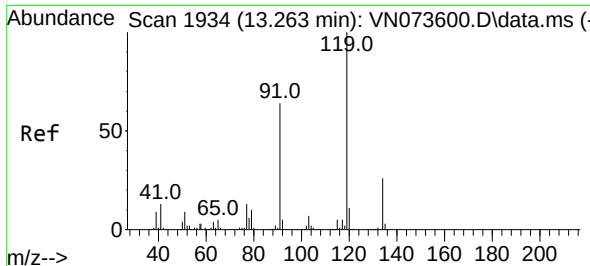
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#78
4-Chlorotoluene
Concen: 19.151 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

Tgt Ion: 91 Resp: 233737
Ion Ratio Lower Upper
91 100
126 35.1 0.0 70.6





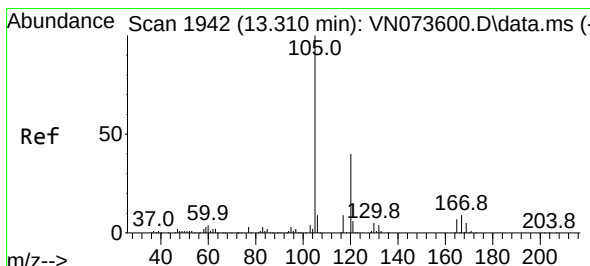
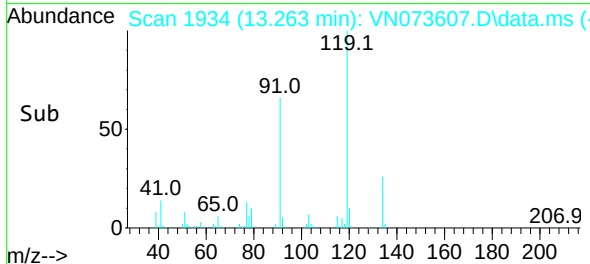
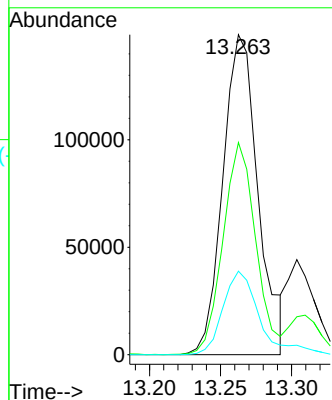
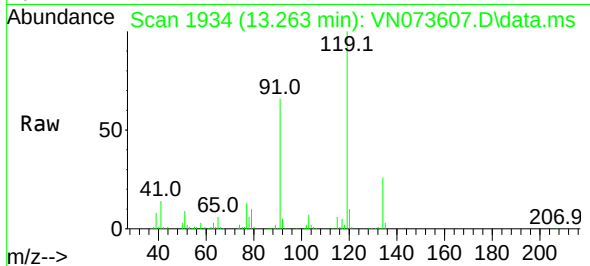
#79
tert-butylbenzene
Concen: 19.471 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01

Tgt Ion:119 Resp: 25679
Ion Ratio Lower Upper
119 100
91 61.8 0.0 137.0
134 25.6 0.0 47.6

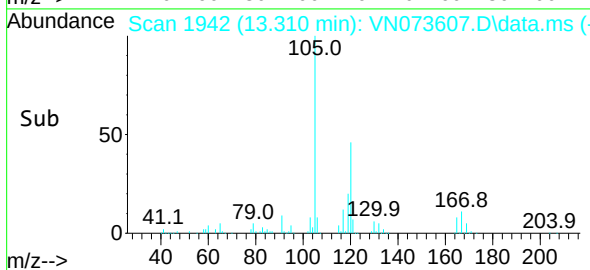
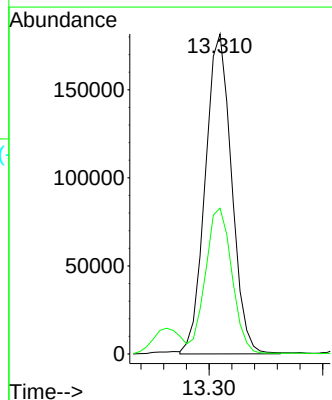
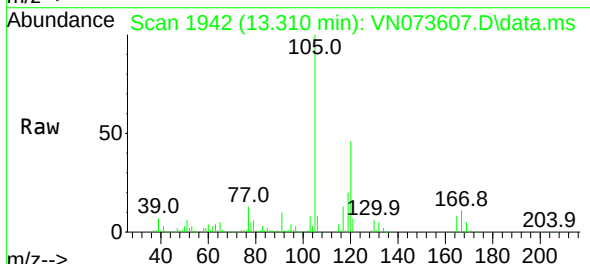
Manual Integrations
APPROVED

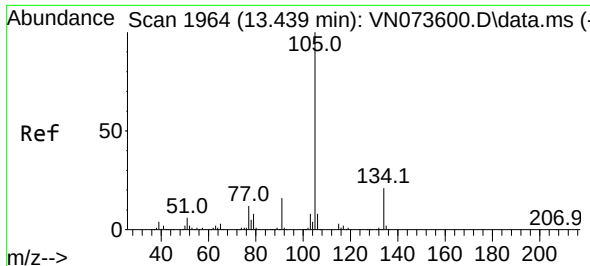
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.365 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

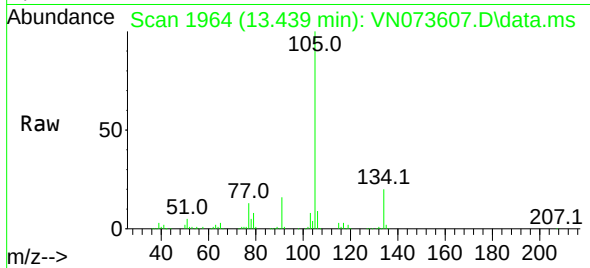
Tgt Ion:105 Resp: 292615
Ion Ratio Lower Upper
105 100
120 45.9 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 18.626 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073607.D
 Acq: 27 Jul 2022 15:13

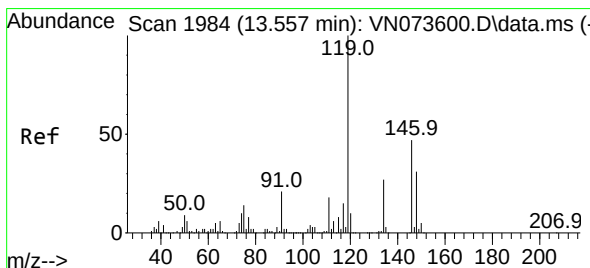
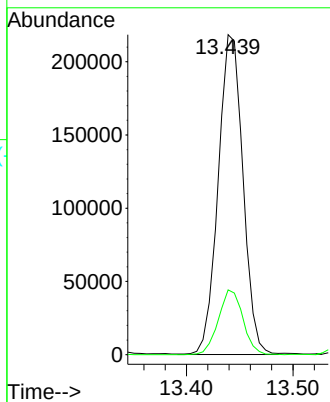
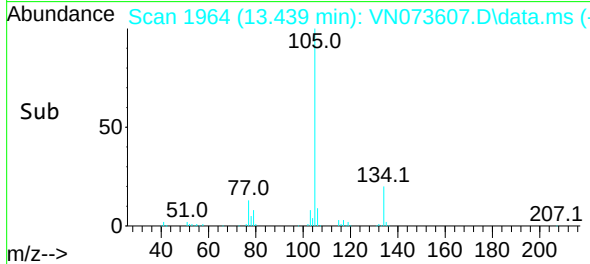
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBS01



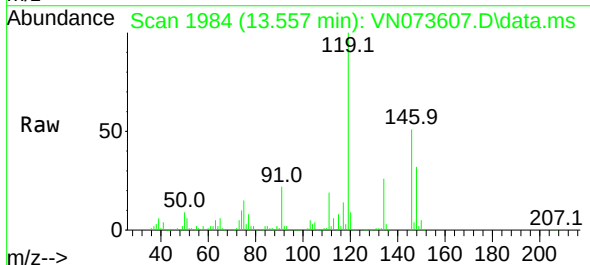
Tgt Ion:105 Resp: 352725
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.4

Manual Integrations
 APPROVED

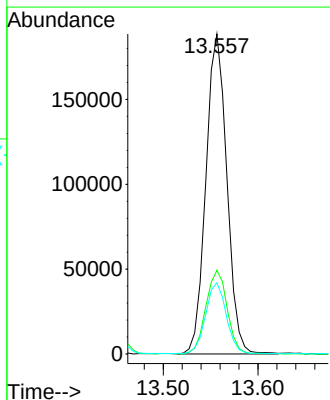
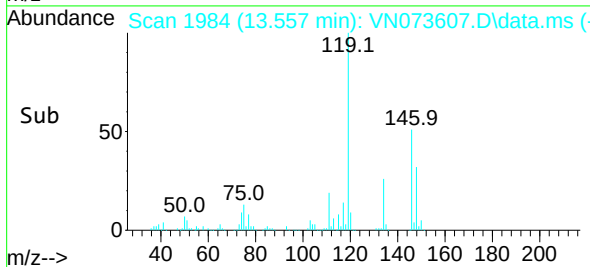
Reviewed By :John Carlone 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

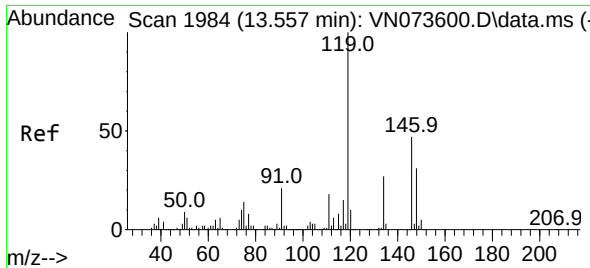


#82
 p-Isopropyltoluene
 Concen: 18.611 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073607.D
 Acq: 27 Jul 2022 15:13



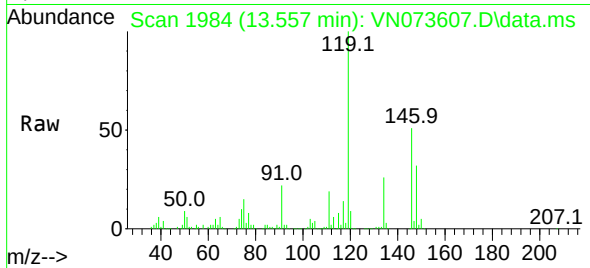
Tgt Ion:119 Resp: 289357
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.8
 91 21.9 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.287 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

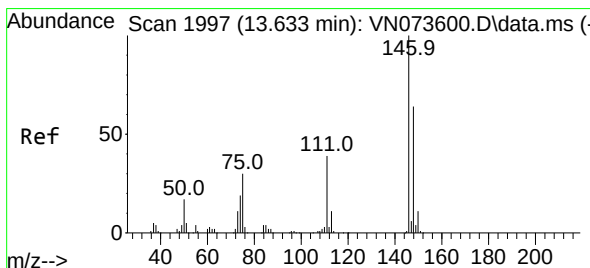
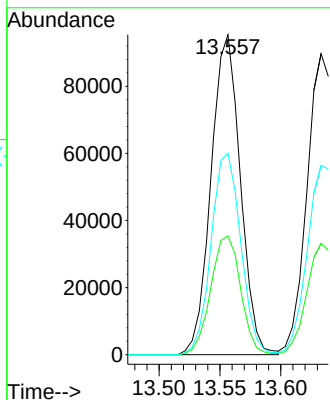
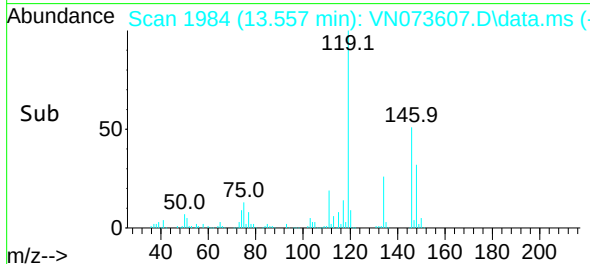
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



Tgt Ion:146 Resp: 159720
Ion Ratio Lower Upper
146 100
111 37.9 20.8 62.2
148 63.8 31.4 94.3

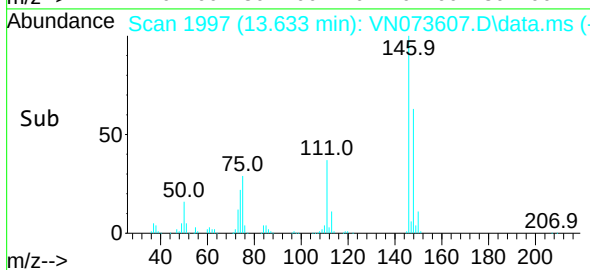
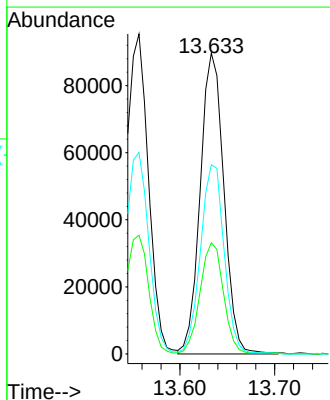
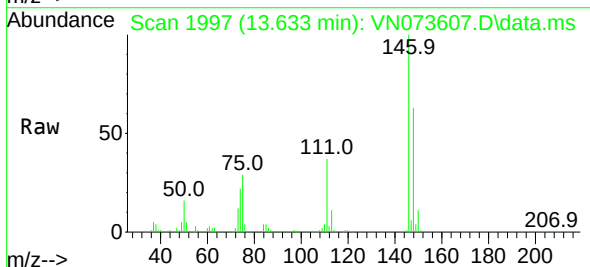
Manual Integrations
APPROVED

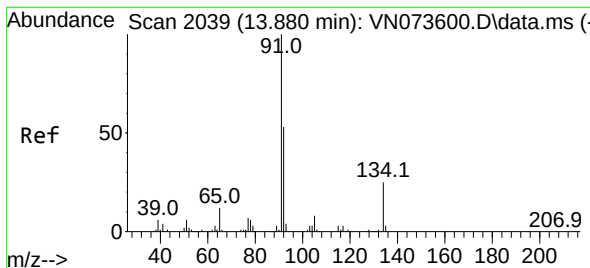
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022



#84
1,4-Dichlorobenzene
Concen: 19.447 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

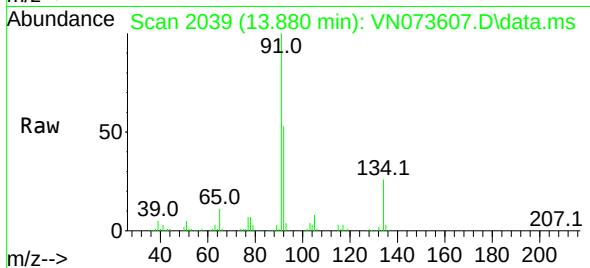
Tgt Ion:146 Resp: 155349
Ion Ratio Lower Upper
146 100
111 36.6 19.5 58.5
148 63.3 31.1 93.5





#85
n-Butylbenzene
Concen: 17.506 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

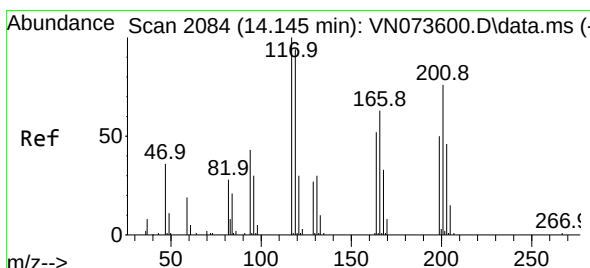
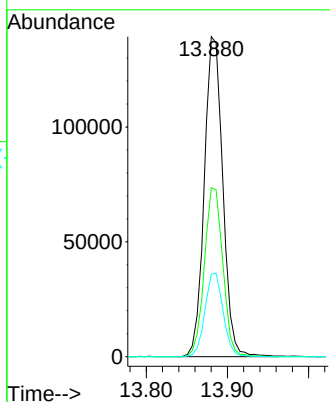
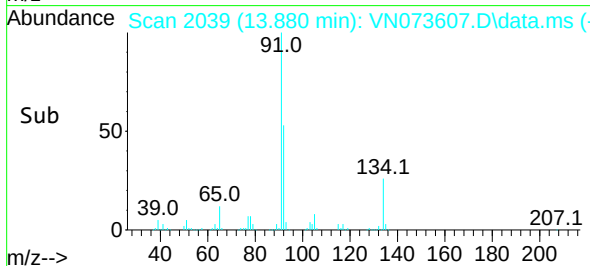
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



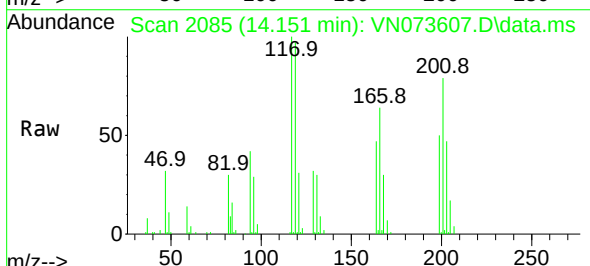
Tgt Ion: 91 Resp: 220630
Ion Ratio Lower Upper
91 100
92 52.6 0.0 100.6
134 25.6 0.0 50.2

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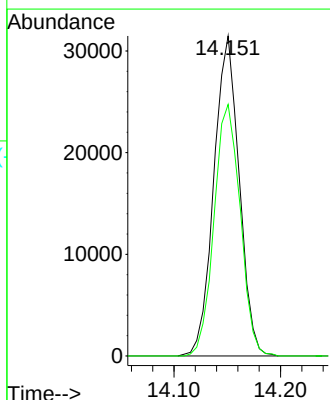
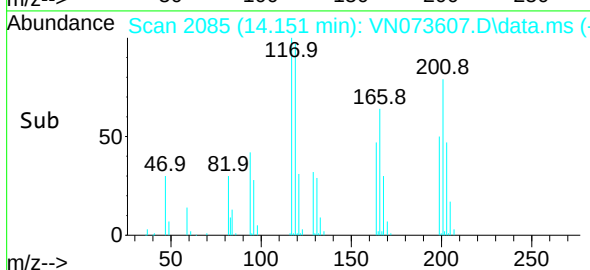
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

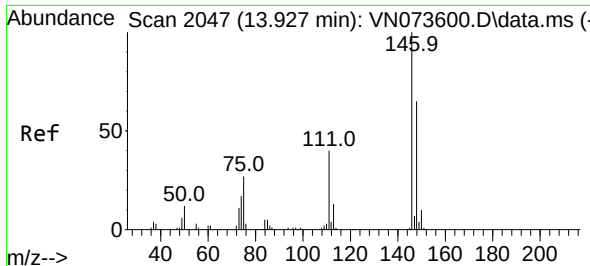


#86
Hexachloroethane
Concen: 18.230 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



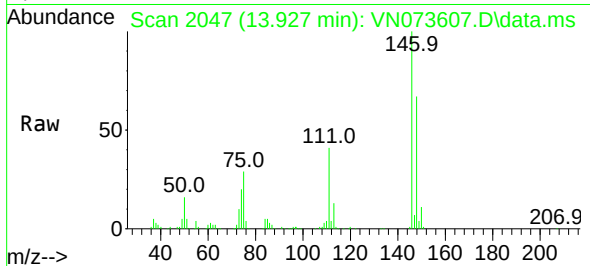
Tgt Ion:117 Resp: 51978
Ion Ratio Lower Upper
117 100
201 81.0 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.702 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

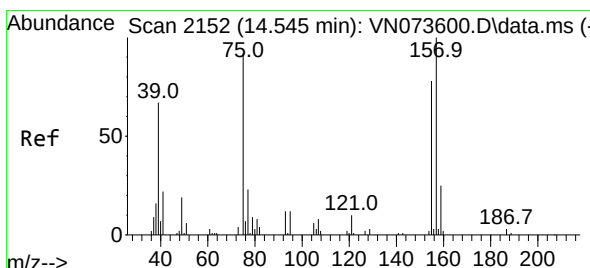
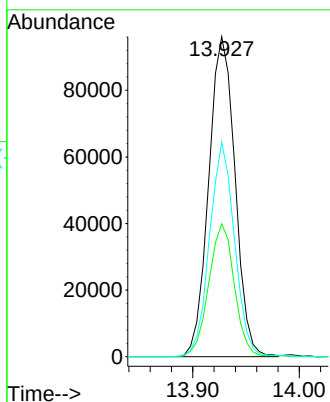
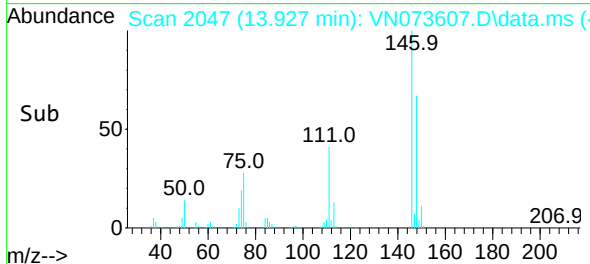
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



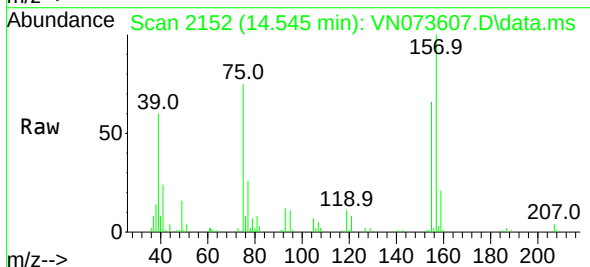
Tgt Ion:146 Resp: 16495
Ion Ratio Lower Upper
146 100
111 40.2 21.4 64.2
148 63.8 32.5 97.4

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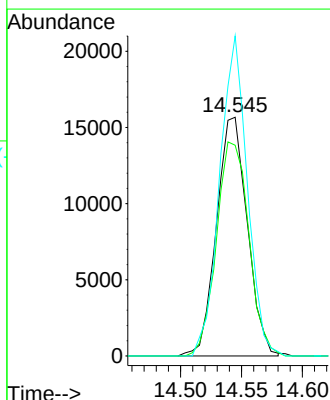
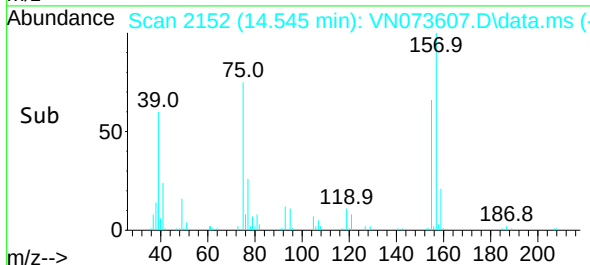
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

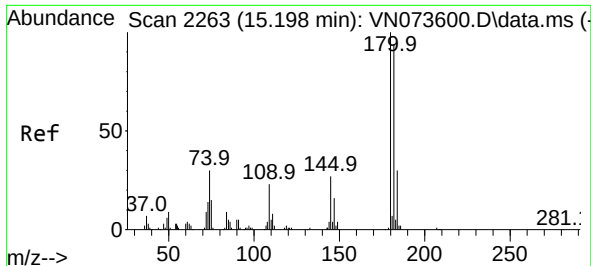


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.732 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



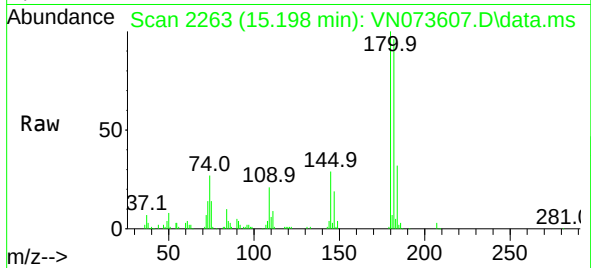
Tgt Ion: 75 Resp: 27601
Ion Ratio Lower Upper
75 100
155 94.0 63.8 95.8
157 120.1 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 18.325 ug/l
RT: 15.198 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13

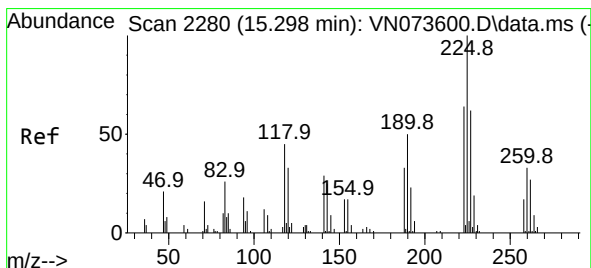
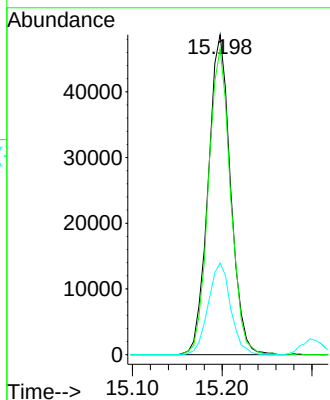
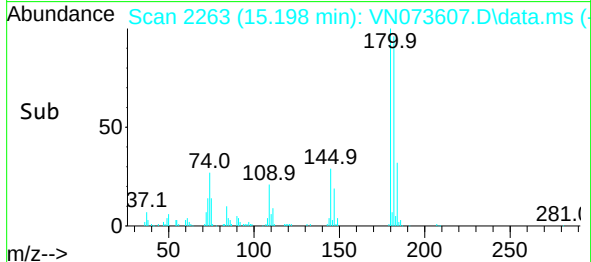
Instrument :
MSVOA_N
ClientSampleId :
VN0727WBS01



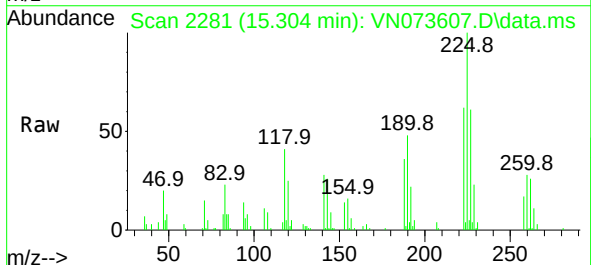
Tgt Ion:180 Resp: 8444
Ion Ratio Lower Upper
180 100
182 94.4 77.7 116.5
145 28.6 26.6 39.8

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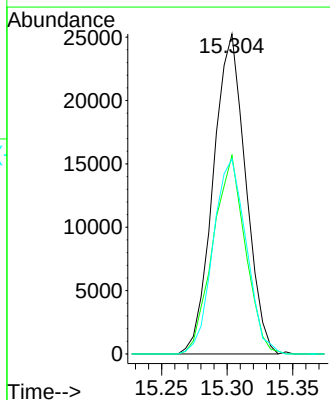
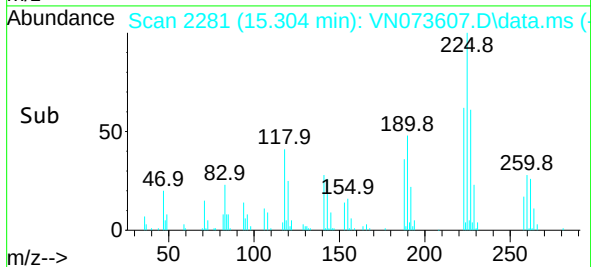
Reviewed By :John Carlone 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

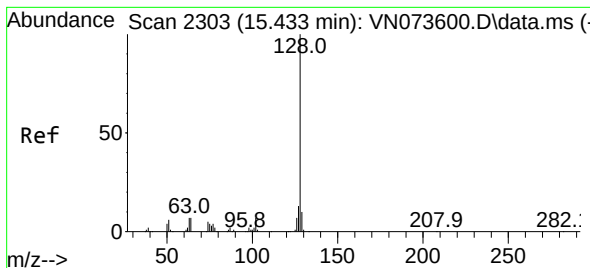


#90
Hexachlorobutadiene
Concen: 18.572 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073607.D
Acq: 27 Jul 2022 15:13



Tgt Ion:225 Resp: 43347
Ion Ratio Lower Upper
225 100
223 61.9 0.0 126.8
227 62.4 0.0 123.0





#91

Naphthalene

Concen: 18.944 ug/l

RT: 15.439 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073607.D

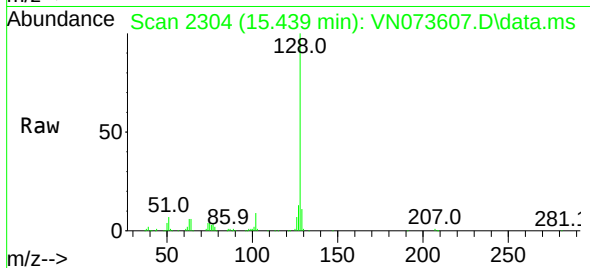
Acq: 27 Jul 2022 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBS01



Tgt Ion:128 Resp: 286639

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

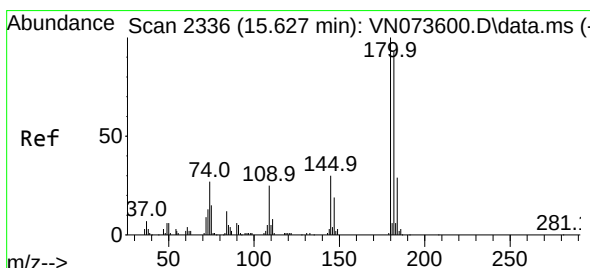
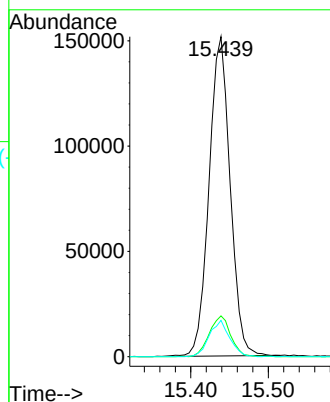
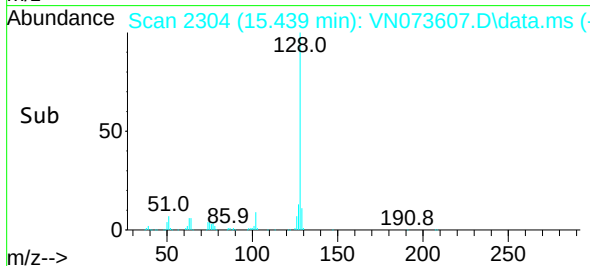
129 11.1 9.0 13.6

Manual Integrations

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Reviewed By :John Carlone 07/28/2022

Supervised By :Mahesh Dadoda 07/28/2022



#92

1,2,3-Trichlorobenzene

Concen: 19.137 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VN073607.D

Acq: 27 Jul 2022 15:13

Tgt Ion:180 Resp: 90589

Ion Ratio Lower Upper

180 100

182 94.1 0.0 190.0

145 29.8 0.0 67.8

