

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073077.D
 Acq On : 24 Jun 2022 12:11
 Operator : JC\MD
 Sample : VN0624WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 24 23:33:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	41533	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.898	114	226943	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	201769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	120486	30.093	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	= 100.300%		
60) 4-Bromofluorobenzene	12.669	95	116290	30.125	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	= 100.400%		
63) Toluene-d8	10.375	98	330398	30.239	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	= 100.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.052	85	60973	18.608	ug/l	98
3) Chloromethane	2.269	50	59090	18.979	ug/l	99
4) Vinyl Chloride	2.405	62	48888	17.544	ug/l	96
5) Bromomethane	2.810	94	23003	25.069	ug/l	86
6) Chloroethane	2.969	64	29281	17.030	ug/l	94
7) Trichlorofluoromethane	3.316	101	87870	17.371	ug/l	100
8) Diethyl Ether	3.769	74	41289	19.945	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.146	101	51167	18.310	ug/l	75
10) 1,1-Dichloroethene	4.116	96	50527	17.667	ug/l	93
11) Methyl Iodide	4.352	142	42306	15.507	ug/l	92
12) Methyl Acetate	4.781	43	110043	18.476	ug/l #	89
13) Acrolein	3.981	56	76233	126.989	ug/l	98
14) Acrylonitrile	5.475	53	221666	97.691	ug/l	98
15) Acetone	4.222	58	59892	95.691	ug/l	95
16) Carbon Disulfide	4.463	76	131150	17.390	ug/l	99
17) Allyl chloride	4.763	41	110217	20.303	ug/l	76
18) Methylene Chloride	5.016	84	65755	19.278	ug/l	91
19) trans-1,2-Dichloroethene	5.510	96	55228	18.300	ug/l	95
20) Diisopropyl ether	6.410	45	222927	19.518	ug/l #	90
21) 1,1-Dichloroethane	6.304	63	112162	18.716	ug/l	97
22) cis-1,2-Dichloroethene	7.245	96	68380	19.054	ug/l	98
23) tert-Butyl Alcohol	5.287	59	93461	100.874	ug/l #	100
24) Methyl tert-Butyl Ether	5.528	73	206755	19.380	ug/l	99
25) Chloroform	7.745	83	111513	18.699	ug/l	97
26) Cyclohexane	8.022	56	95089	18.123	ug/l #	90
29) 1,1-Dichloropropene	8.151	75	74970	18.271	ug/l	98
30) 2-Butanone	7.257	43	330198	104.493	ug/l	93
31) 2,2-Dichloropropane	7.245	77	85775	42.708	ug/l	99
32) 1,1,1-Trichloroethane	7.940	97	92310	18.310	ug/l	96
33) Carbon Tetrachloride	8.134	117	79275	18.597	ug/l	96
34) Benzene	8.387	78	250021	19.577	ug/l #	96
35) Methacrylonitrile	7.563	41	62775	22.330	ug/l	92
36) 1,2-Dichloroethane	8.457	62	96117	20.307	ug/l	98
37) Trichloroethene	9.145	130	58814	18.505	ug/l	96
38) Methylcyclohexane	9.392	83	93410	19.222	ug/l	93
39) 1,2-Dichloropropane	9.422	63	66660	20.186	ug/l	96
40) Dibromomethane	9.510	93	45784	20.488	ug/l	96
41) Bromodichloromethane	9.698	83	88375	19.657	ug/l	100
42) Vinyl Acetate	6.351	43	1025187	104.928	ug/l	98

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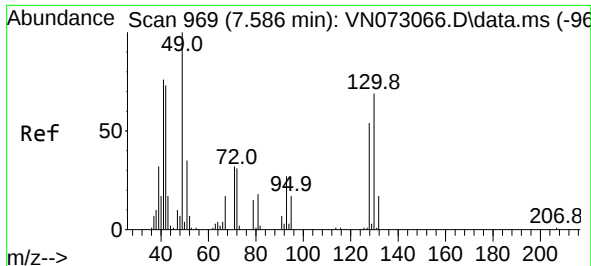
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	135710	22.804	ug/l	98
44) Isopropyl Acetate	8.492	43	188870	20.552	ug/l	97
45) 1,4-Dioxane	9.504	88	34489	421.249	ug/l	91
46) Methyl methacrylate	9.492	41	89400	21.379	ug/l	85
47) n-amyl Acetate	12.327	43	147809	20.070	ug/l	96
48) t-1,3-Dichloropropene	10.657	75	94298	22.425	ug/l	96
49) cis-1,3-Dichloropropene	10.122	75	101581	22.308	ug/l	98
50) 1,1,2-Trichloroethane	10.833	97	66026	20.396	ug/l	98
51) Ethyl methacrylate	10.698	69	108342	19.762	ug/l	88
52) 1,3-Dichloropropane	10.980	76	113853	20.447	ug/l	99
53) Dibromochloromethane	11.175	129	66181	19.662	ug/l	99
54) 1,2-Dibromoethane	11.280	107	67409	19.825	ug/l	98
55) 2-Chloroethyl vinyl ether	9.981	63	244624	104.459	ug/l	100
56) Bromoform	12.392	173	47858	19.411	ug/l #	98
58) 4-Methyl-2-Pentanone	10.269	43	617927	105.294	ug/l	98
59) 2-Hexanone	11.022	43	474867	105.937	ug/l	98
61) Tetrachloroethene	10.910	164	50744	19.452	ug/l	97
62) Toluene	10.439	91	262482	19.570	ug/l	97
64) Chlorobenzene	11.704	112	155377	19.253	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.775	131	60397	19.701	ug/l	99
66) Ethyl Benzene	11.780	91	284515	19.254	ug/l	99
67) m/p-Xylenes	11.886	106	216767	39.133	ug/l	98
68) o-Xylene	12.216	106	111282	19.894	ug/l	98
69) Styrene	12.227	104	174118	19.446	ug/l	98
70) Isopropylbenzene	12.516	105	276084	19.287	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.763	83	99917	20.217	ug/l	100
72) 1,2,3-Trichloropropane	12.816	75	79008m	20.849	ug/l	
73) Bromobenzene	12.792	156	64661	19.369	ug/l	92
74) n-propylbenzene	12.857	91	306325	18.887	ug/l	99
75) 2-Chlorotoluene	12.945	91	194569	19.182	ug/l	97
76) 1,3,5-Trimethylbenzene	12.992	105	228490	19.205	ug/l	97
77) t-1,4-Dichloro-2-butene	12.563	75	31538	26.386	ug/l	98
78) 4-Chlorotoluene	13.039	91	187227	19.187	ug/l	95
79) tert-butylbenzene	13.257	119	195676	18.603	ug/l	99
80) 1,2,4-Trimethylbenzene	13.439	105	267672	22.931	ug/l	100
81) sec-Butylbenzene	13.439	105	267672	18.878	ug/l	100
82) p-Isopropyltoluene	13.551	119	219302	19.044	ug/l	99
83) 1,3-Dichlorobenzene	13.551	146	115082	19.584	ug/l	98
84) 1,4-Dichlorobenzene	13.627	146	114155	19.439	ug/l	99
85) n-Butylbenzene	13.880	91	174422	18.614	ug/l	97
86) Hexachloroethane	14.145	117	41680	18.486	ug/l	98
87) 1,2-Dichlorobenzene	13.921	146	122632	19.945	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.533	75	24424	19.396	ug/l	94
89) 1,2,4-Trichlorobenzene	15.192	180	59994	18.571	ug/l	99
90) Hexachlorobutadiene	15.298	225	24898	19.117	ug/l	94
91) Naphthalene	15.427	128	242725	19.255	ug/l	99
92) 1,2,3-Trichlorobenzene	15.621	180	63853	19.427	ug/l	99

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



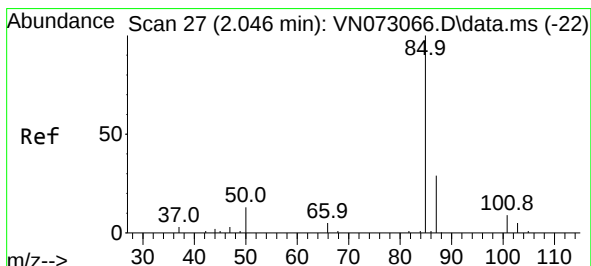
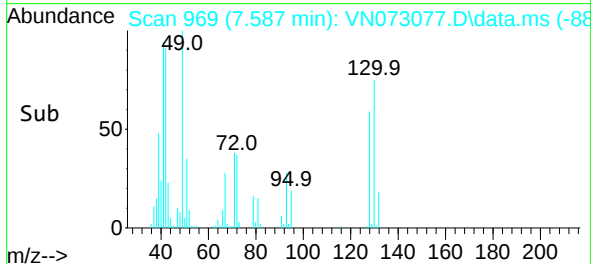
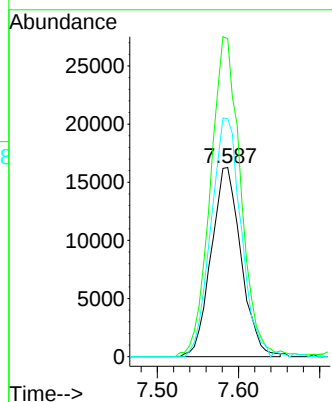
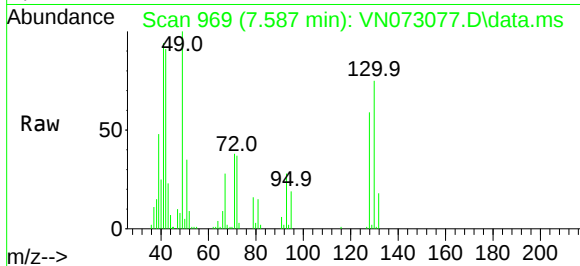
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.001 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion:128 Resp: 4153
Ion Ratio Lower Upper
128 100
49 170.2 0.0 392.3
130 126.9 0.0 320.2

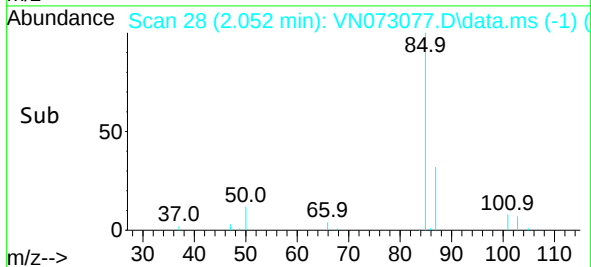
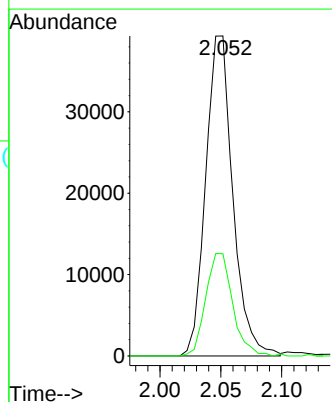
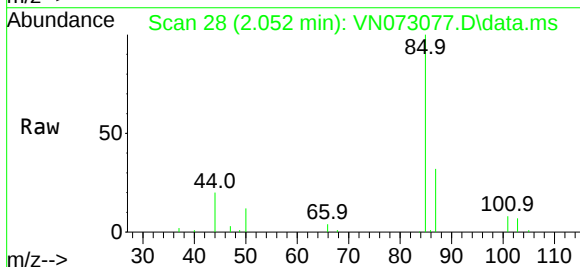
Manual Integrations
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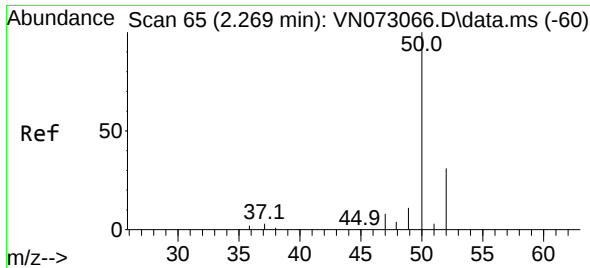
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 18.608 ug/l
RT: 2.052 min Scan# 28
Delta R.T. 0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

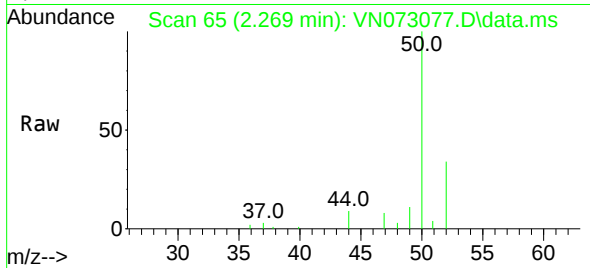
Tgt Ion: 85 Resp: 60973
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7





#3
Chloromethane
Concen: 18.979 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

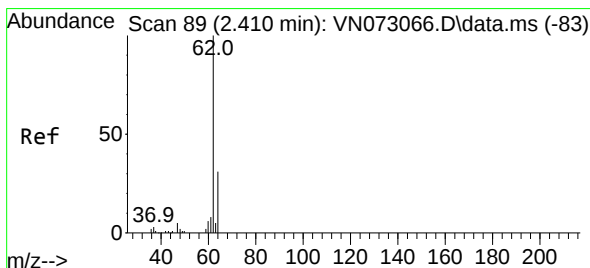
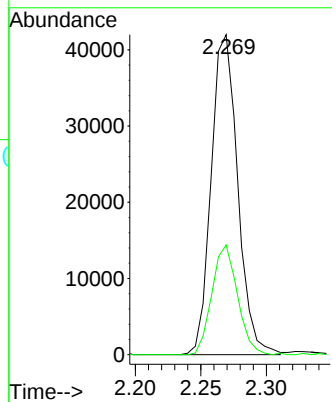
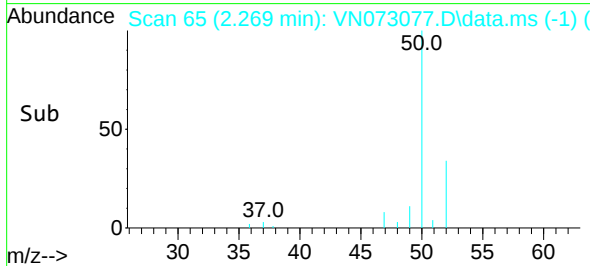
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



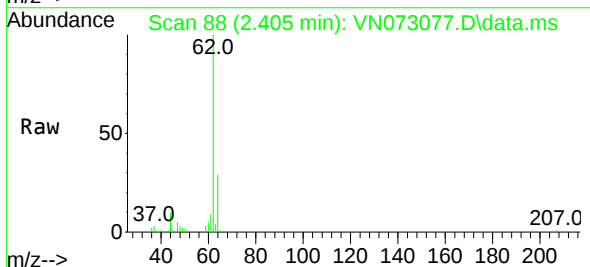
Tgt Ion: 50 Resp: 59090
Ion Ratio Lower Upper
50 100
52 34.3 27.8 41.6

Manual Integrations
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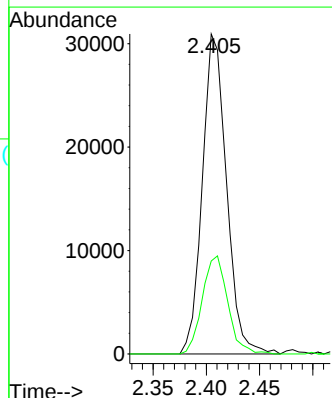
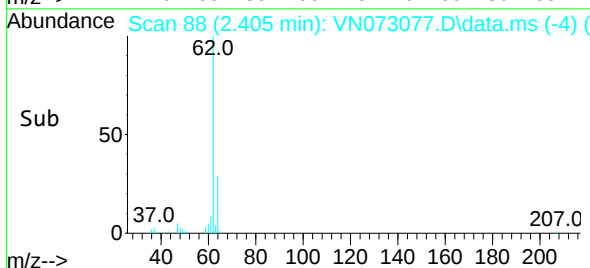
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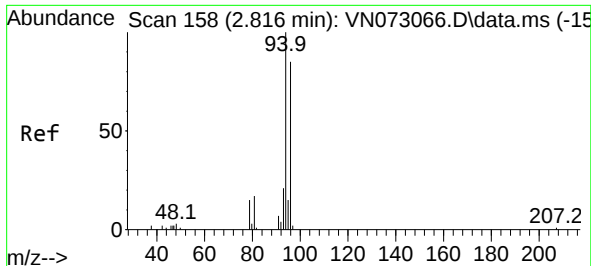


#4
Vinyl Chloride
Concen: 17.544 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



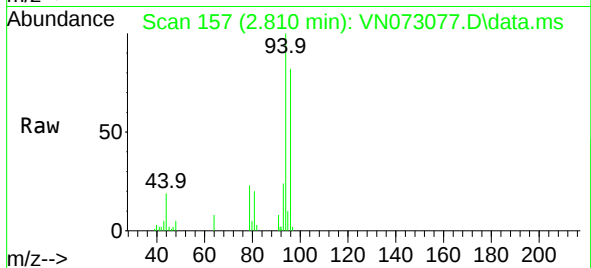
Tgt Ion: 62 Resp: 48888
Ion Ratio Lower Upper
62 100
64 29.1 25.1 37.7





#5
Bromomethane
Concen: 25.069 ug/l
RT: 2.810 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

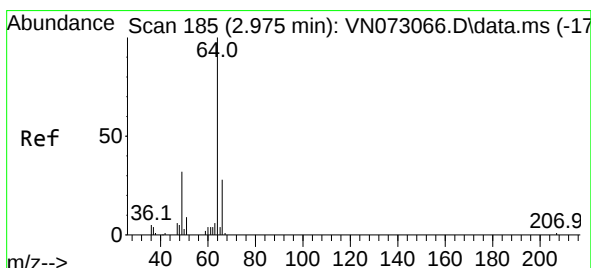
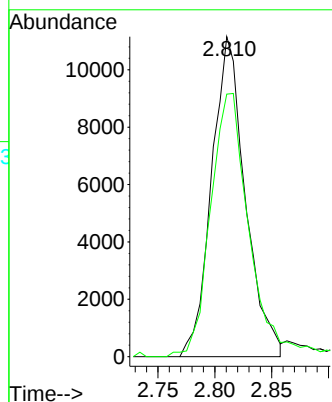
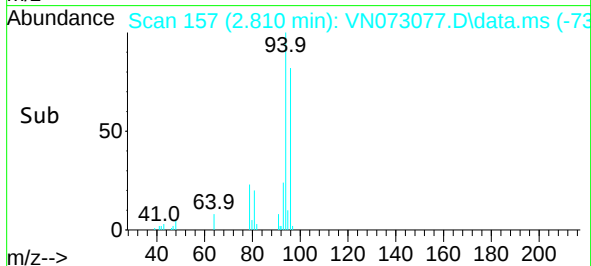
Instrument :
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ClientSampleId :
VN0624WBS01



Tgt Ion: 94 Resp: 2300
Ion Ratio Lower Upper
94 100
96 80.6 75.2 112.8

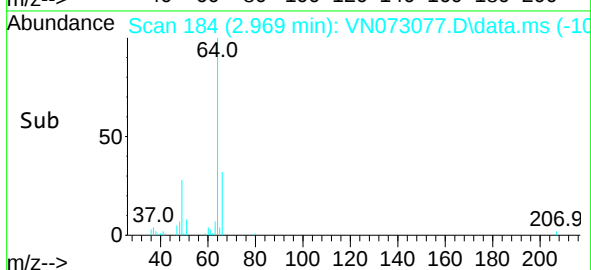
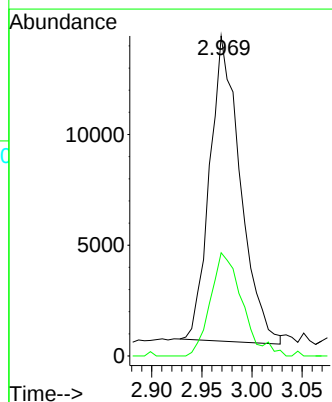
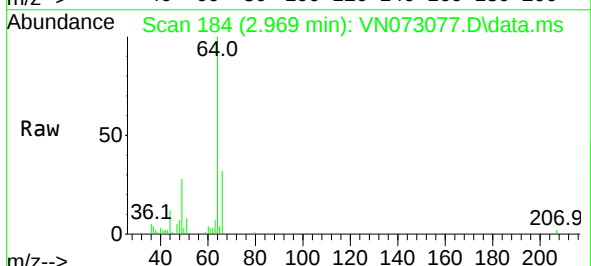
Manual Integrations
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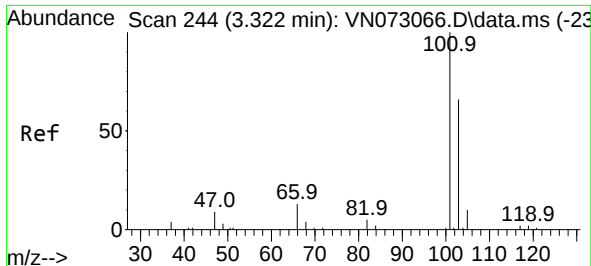
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#6
Chloroethane
Concen: 17.030 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

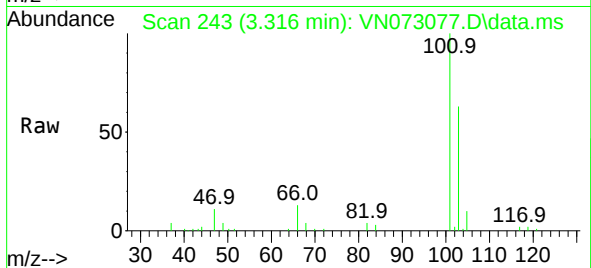
Tgt Ion: 64 Resp: 29281
Ion Ratio Lower Upper
64 100
66 34.1 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 17.371 ug/l
 RT: 3.316 min Scan# 244
 Delta R.T. -0.006 min
 Lab File: VN073077.D
 Acq: 24 Jun 2022 12:11

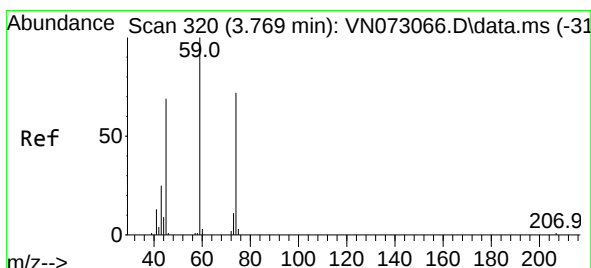
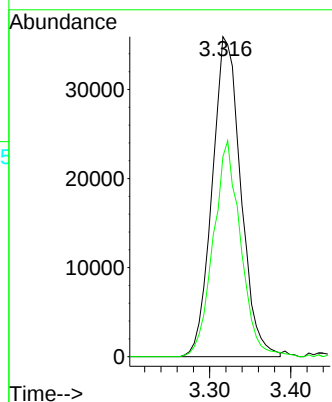
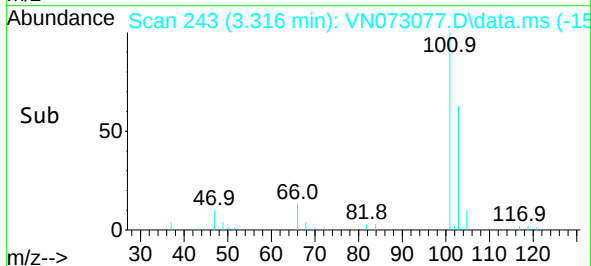
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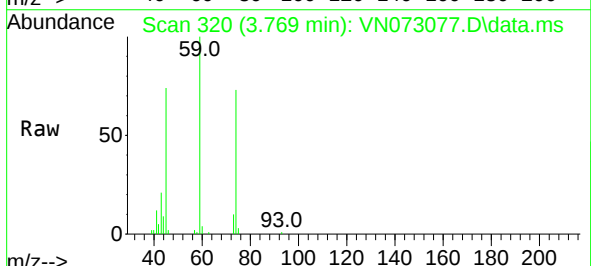
Tgt Ion:101 Resp: 87870
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.1 75.1

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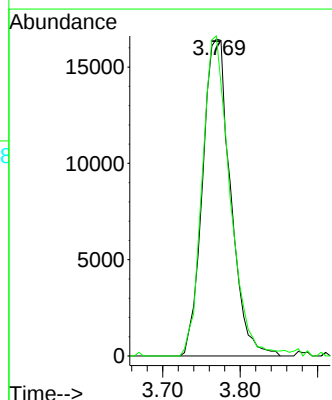
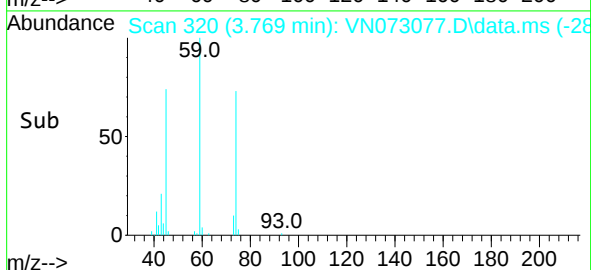
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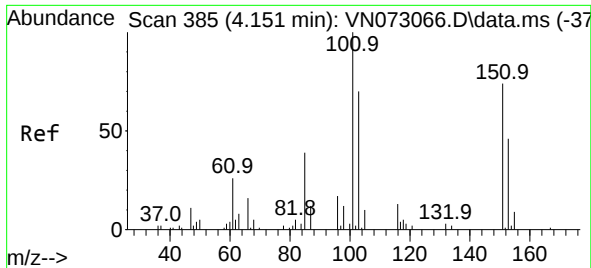


#8
 Diethyl Ether
 Concen: 19.945 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VN073077.D
 Acq: 24 Jun 2022 12:11



Tgt Ion: 74 Resp: 41289
 Ion Ratio Lower Upper
 74 100
 45 100.0 17.6 158.8





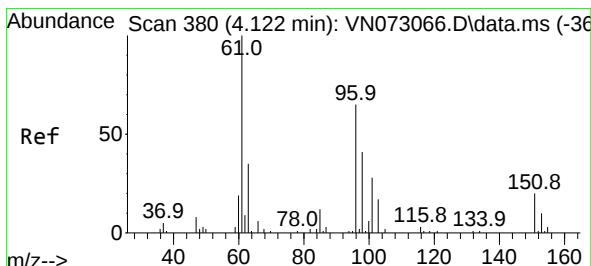
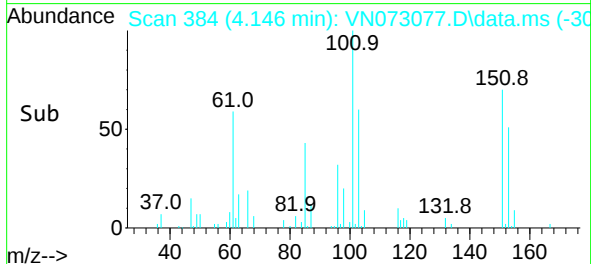
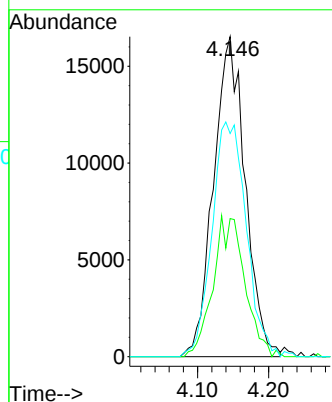
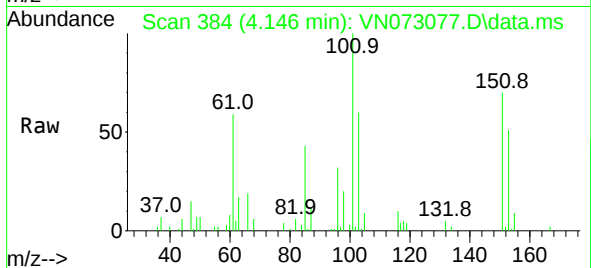
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1,1,2-Trichlorotrifluoroethane
Concen: 18.310 ug/l
RT: 4.146 min Scan# 385
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion:101 Resp: 5116
Ion Ratio Lower Upper
101 100
85 23.8 0.0 94.0
151 44.7 0.0 74.6

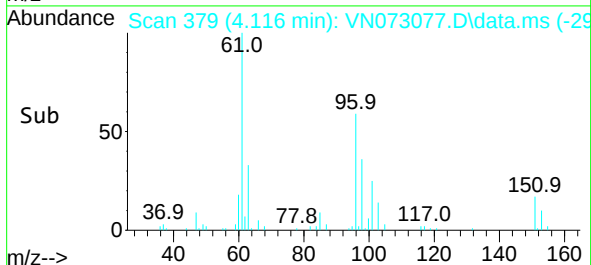
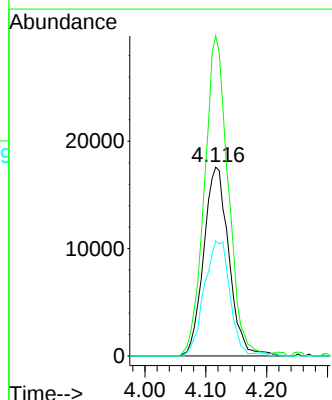
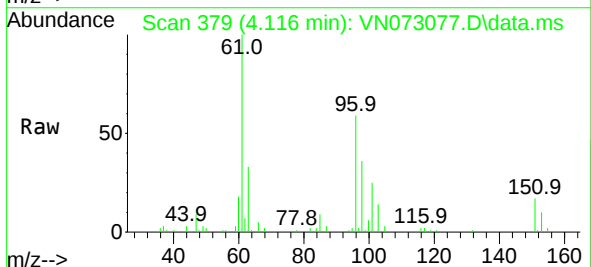
Manual Integrations
APPROVED

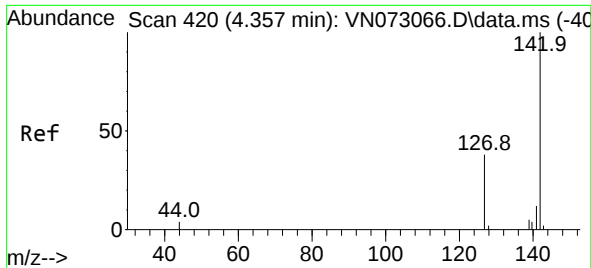
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
1,1-Dichloroethene
Concen: 17.667 ug/l
RT: 4.116 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

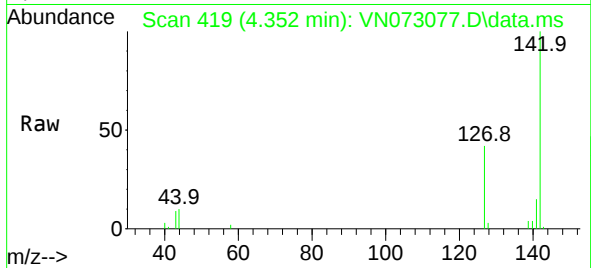
Tgt Ion: 96 Resp: 50527
Ion Ratio Lower Upper
96 100
61 169.5 126.2 189.4
98 60.8 50.9 76.3





#11
Methyl Iodide
Concen: 15.507 ug/l
RT: 4.352 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

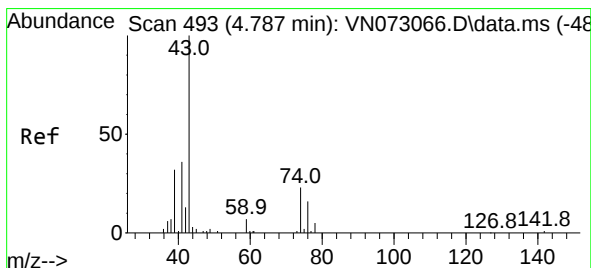
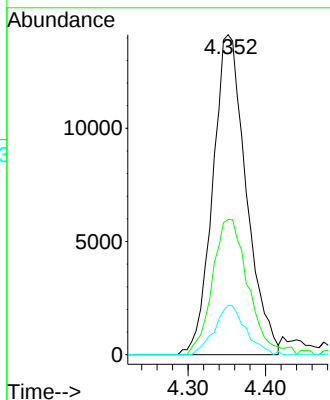
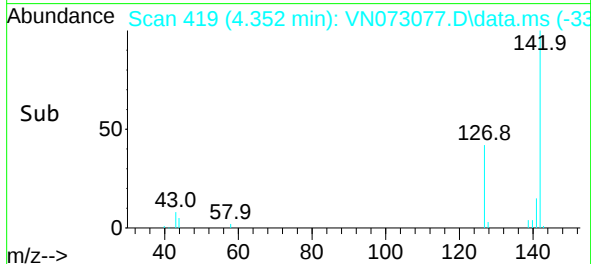
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion:142 Resp: 42300
Ion Ratio Lower Upper
142 100
127 41.6 24.0 72.0
141 15.1 8.4 25.2

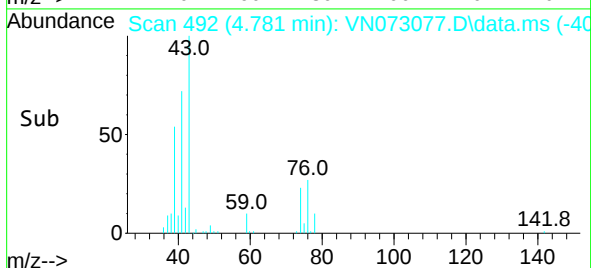
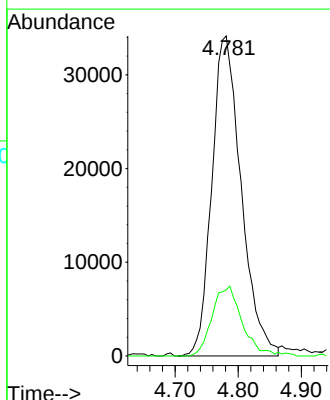
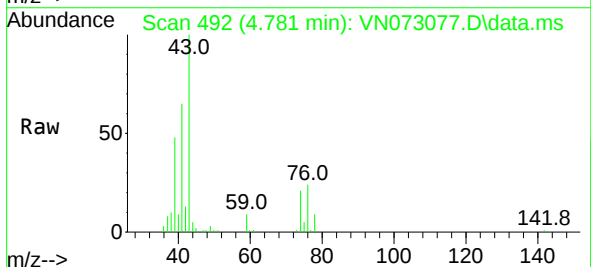
Manual Integrations
APPROVED

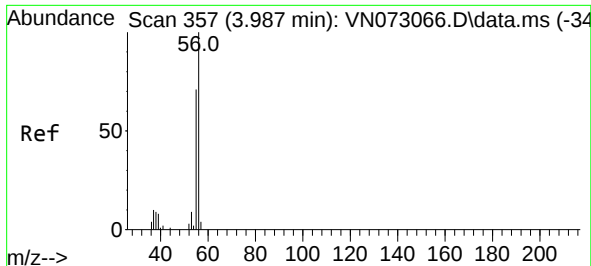
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
Methyl Acetate
Concen: 18.476 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

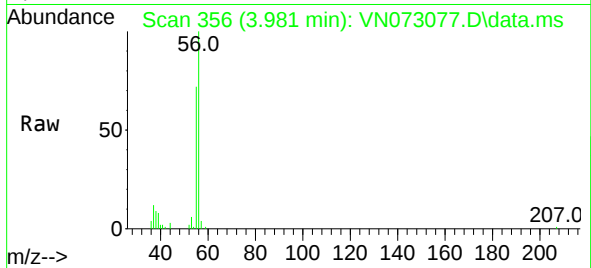
Tgt Ion: 43 Resp: 110043
Ion Ratio Lower Upper
43 100
74 20.3 20.8 31.2#





#13
Acrolein
Concen: 126.989 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

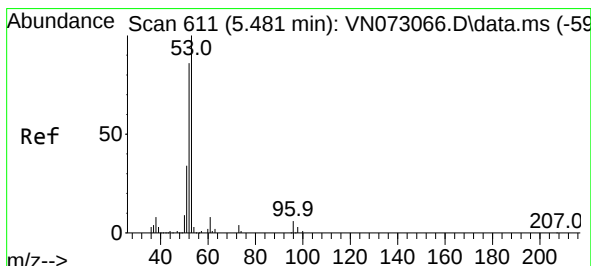
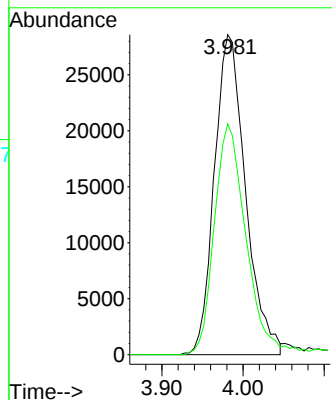
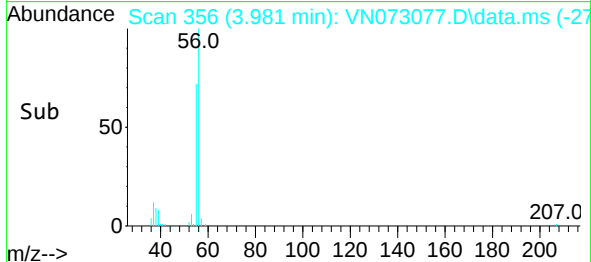
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



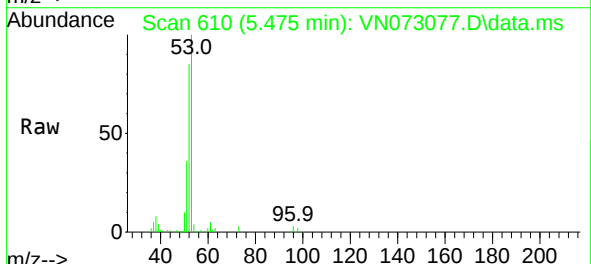
Tgt Ion: 56 Resp: 7623
Ion Ratio Lower Upper
56 100
55 73.5 57.6 86.4

Manual Integrations
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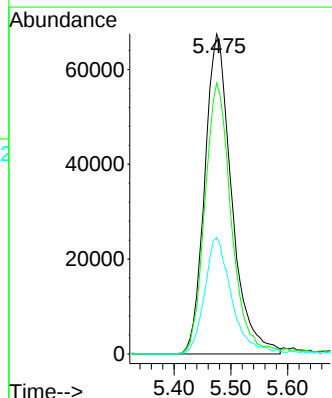
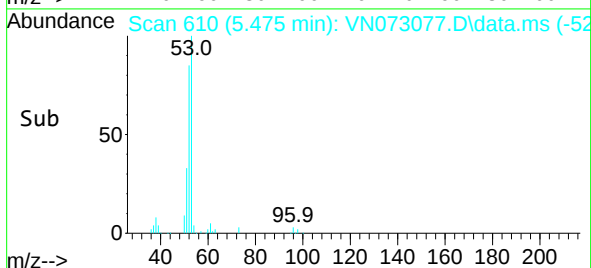
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

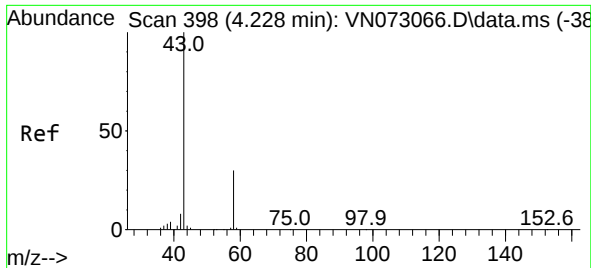


#14
Acrylonitrile
Concen: 97.691 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



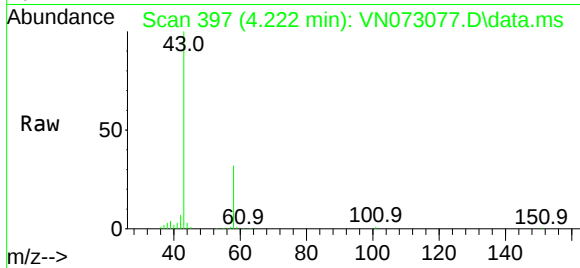
Tgt Ion: 53 Resp: 221666
Ion Ratio Lower Upper
53 100
52 81.9 41.8 125.4
51 36.4 19.0 57.0





#15
Acetone
Concen: 95.691 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

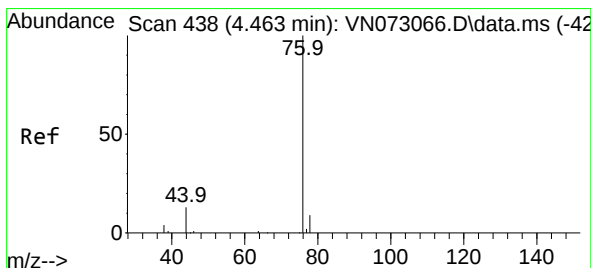
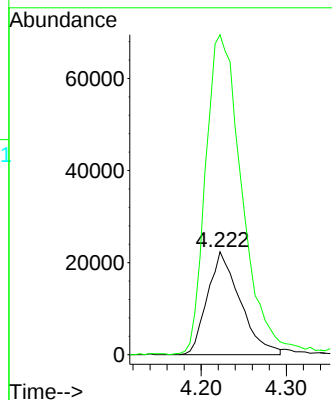
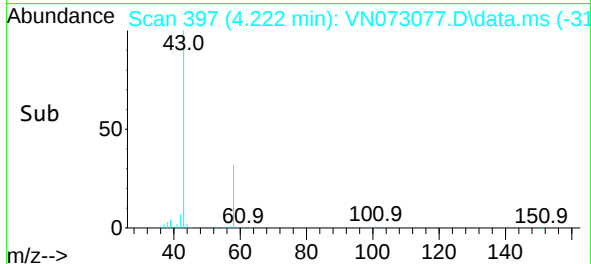
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 58 Resp: 59892
Ion Ratio Lower Upper
58 100
43 309.8 256.6 384.8

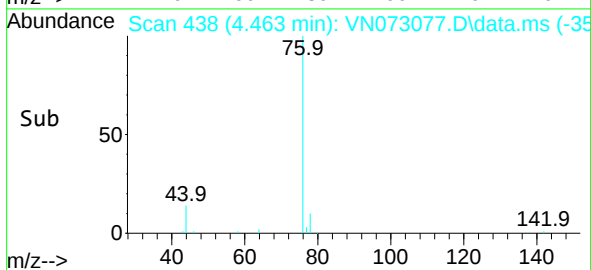
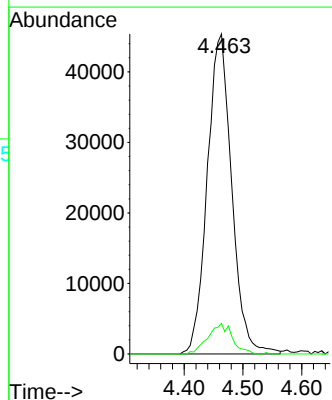
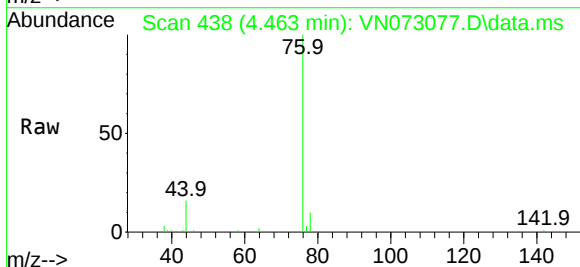
Manual Integrations
APPROVED

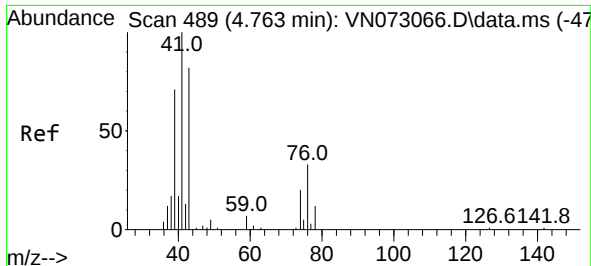
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
Carbon Disulfide
Concen: 17.390 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

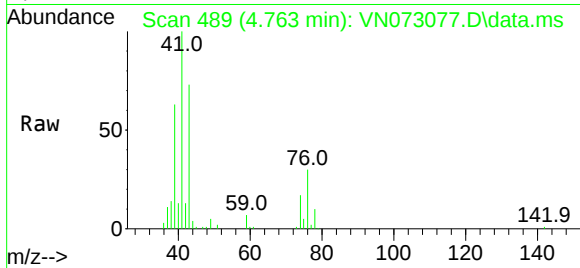
Tgt Ion: 76 Resp: 131150
Ion Ratio Lower Upper
76 100
78 9.5 7.8 11.8





#17
 Allyl chloride
 Concen: 20.303 ug/l
 RT: 4.763 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN073077.D
 Acq: 24 Jun 2022 12:11

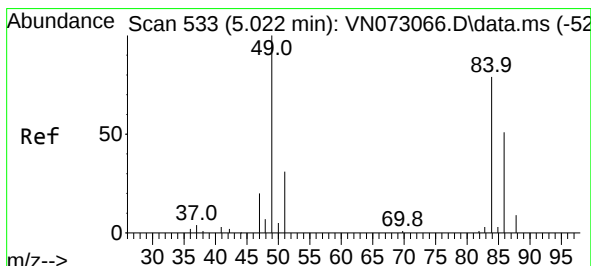
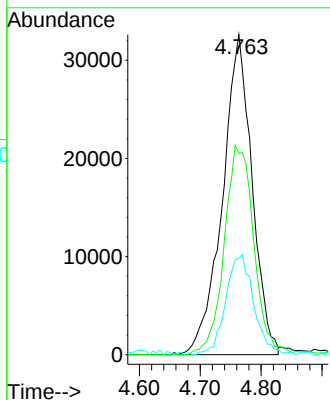
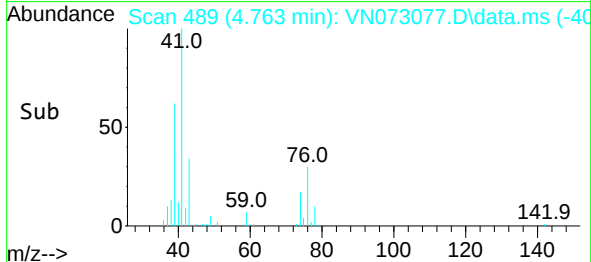
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01



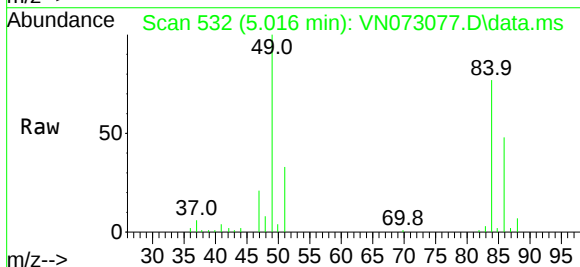
Tgt Ion: 41 Resp: 11021
 Ion Ratio Lower Upper
 41 100
 39 63.0 44.6 134.0
 76 29.5 19.6 58.7

Manual Integrations
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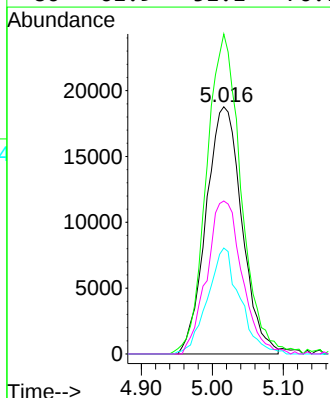
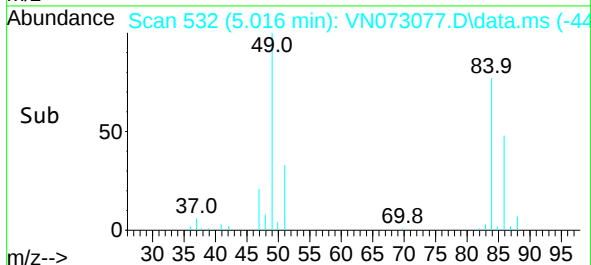
Reviewed By :John Carlone 06/25/2022
 Supervised By :Mahesh Dadoda 06/28/2022

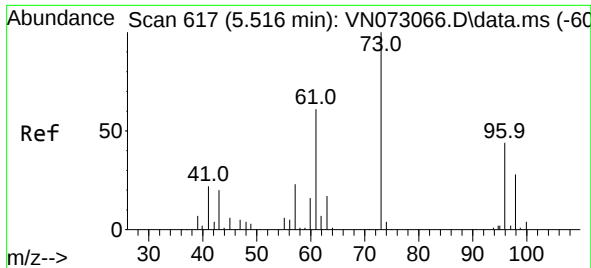


#18
 Methylene Chloride
 Concen: 19.278 ug/l
 RT: 5.016 min Scan# 532
 Delta R.T. -0.006 min
 Lab File: VN073077.D
 Acq: 24 Jun 2022 12:11



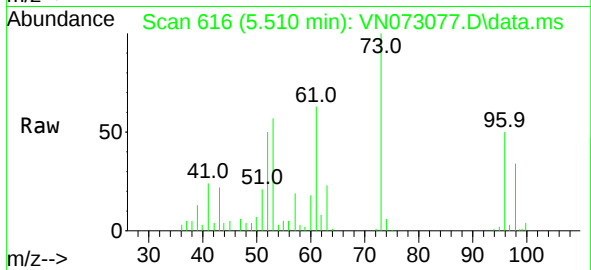
Tgt Ion: 84 Resp: 65755
 Ion Ratio Lower Upper
 84 100
 49 127.3 91.4 137.0
 51 41.9 29.4 44.0
 86 61.9 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 18.300 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

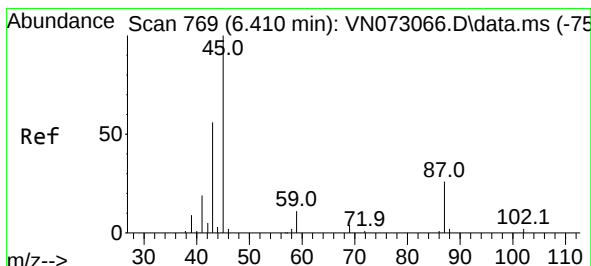
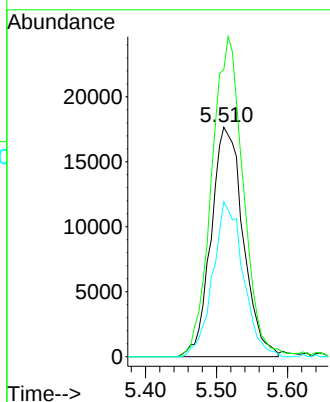
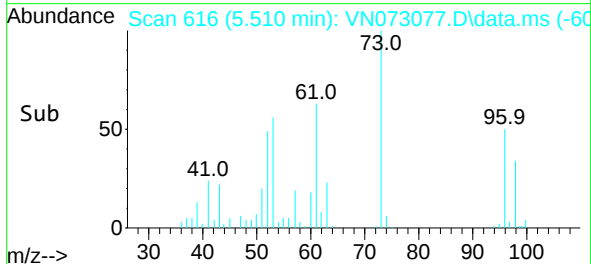
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



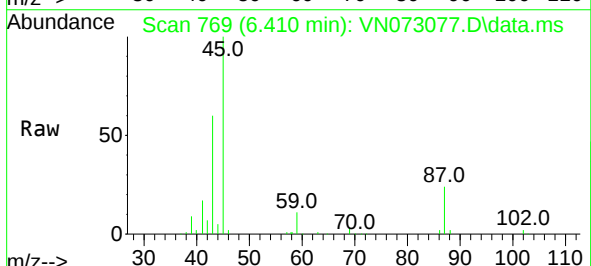
Tgt Ion: 96 Resp: 55228
Ion Ratio Lower Upper
96 100
61 125.1 102.8 154.2
98 69.1 49.3 73.9

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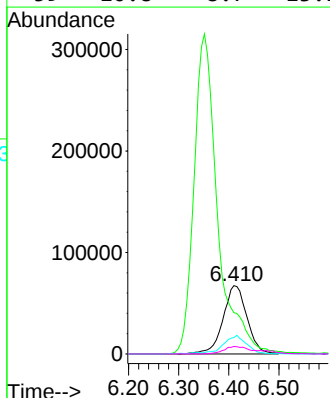
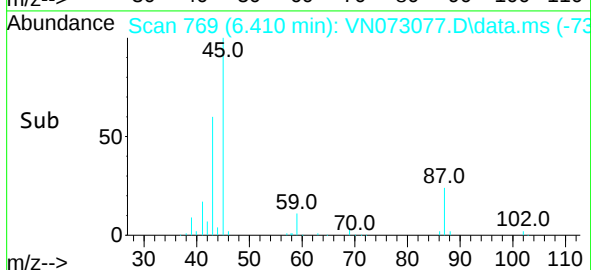
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

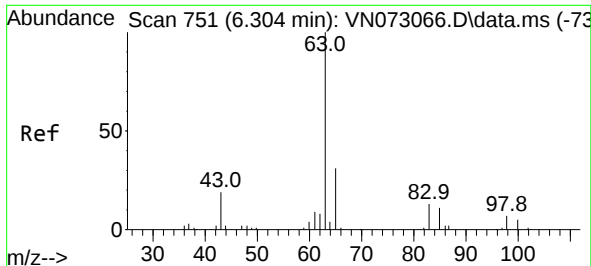


#20
Diisopropyl ether
Concen: 19.518 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



Tgt Ion: 45 Resp: 222927
Ion Ratio Lower Upper
45 100
43 56.6 51.0 76.4
87 23.7 25.0 37.4#
59 10.8 8.7 13.1





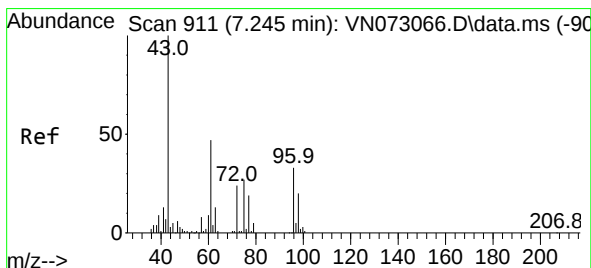
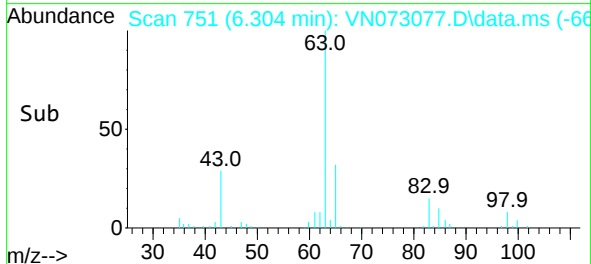
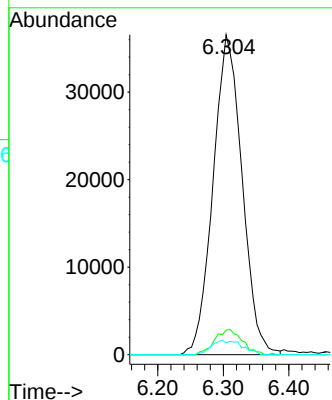
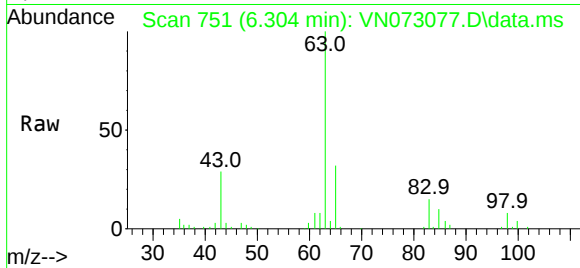
#21
1,1-Dichloroethane
Concen: 18.716 ug/l
RT: 6.304 min Scan# 751
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 63 Resp: 112162
Ion Ratio Lower Upper
63 100
98 7.7 3.2 9.6
100 3.7 2.1 6.2

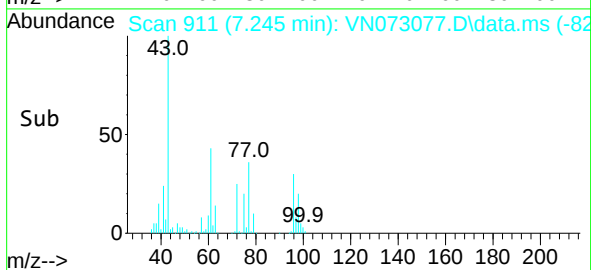
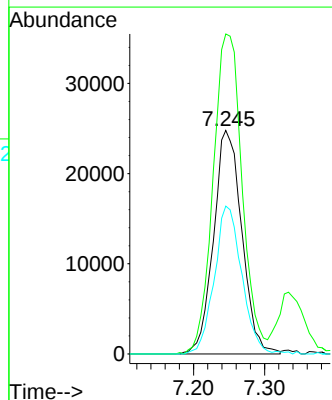
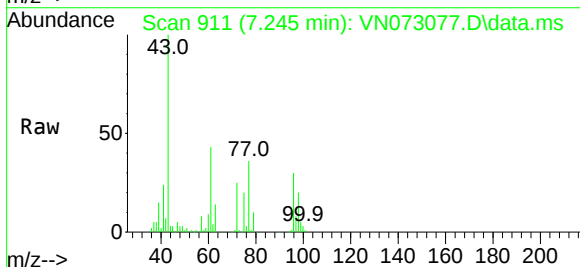
Manual Integrations
APPROVED

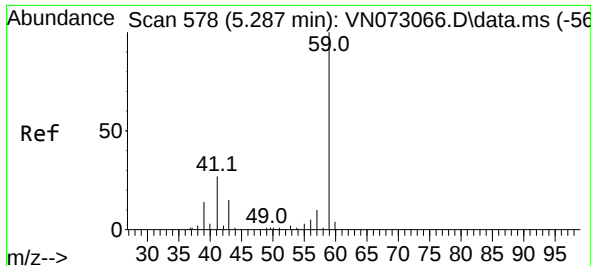
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#22
cis-1,2-Dichloroethene
Concen: 19.054 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Tgt Ion: 96 Resp: 68380
Ion Ratio Lower Upper
96 100
61 147.3 115.7 173.5
98 64.0 51.6 77.4





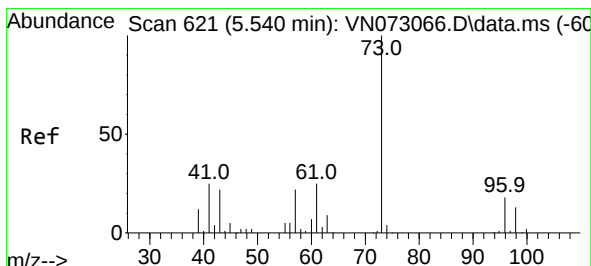
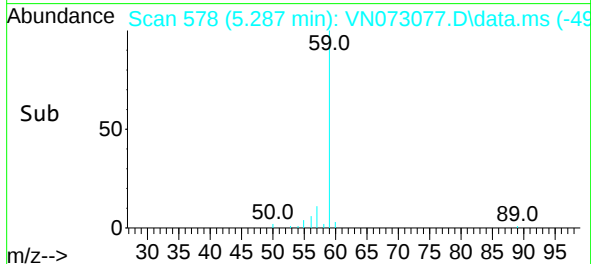
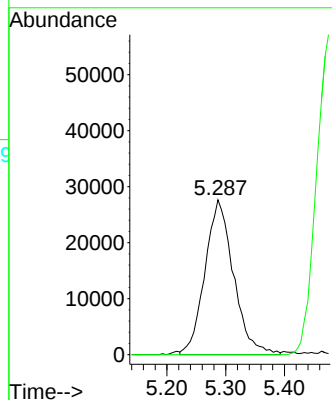
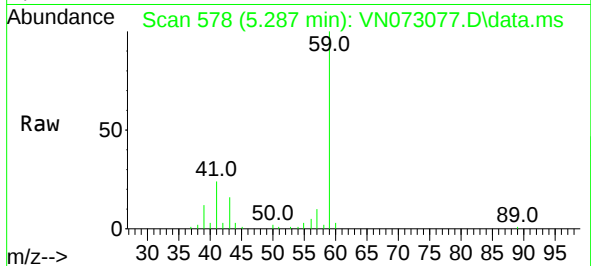
#23
tert-Butyl Alcohol
Concen: 100.874 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 59 Resp: 9346
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

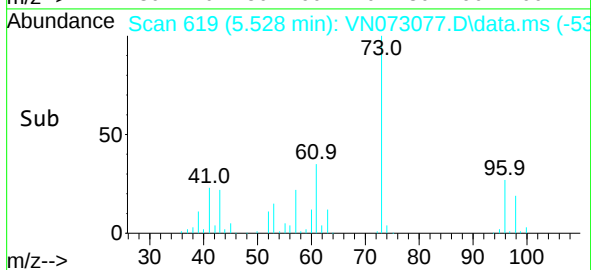
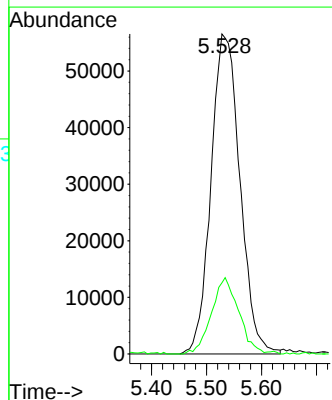
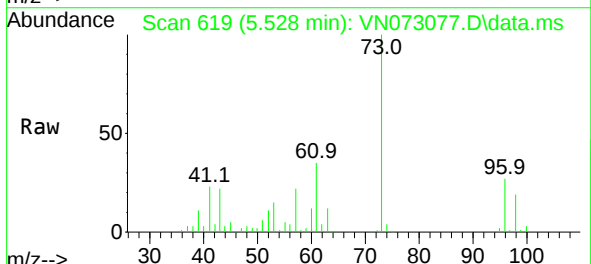
Manual Integrations
APPROVED

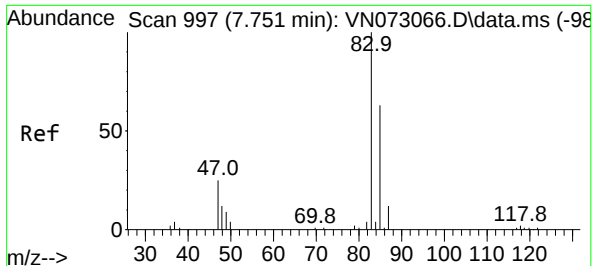
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#24
Methyl tert-Butyl Ether
Concen: 19.380 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.012 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

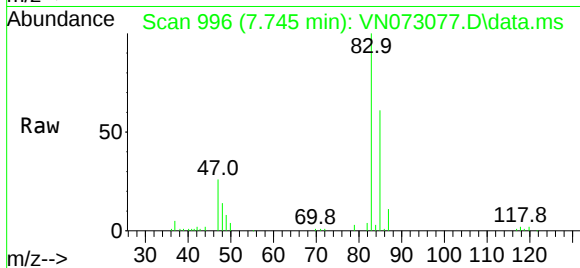
Tgt Ion: 73 Resp: 206755
Ion Ratio Lower Upper
73 100
43 22.2 18.1 27.1





#25
Chloroform
Concen: 18.699 ug/l
RT: 7.745 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

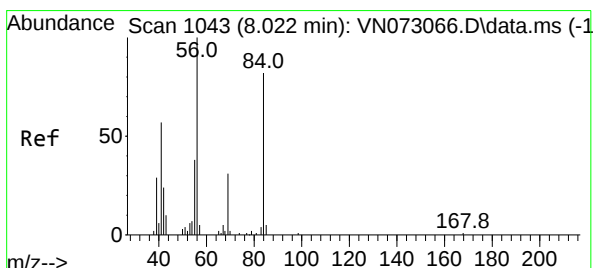
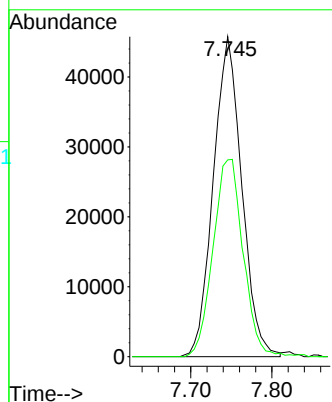
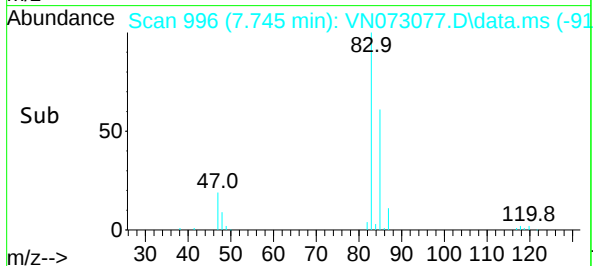
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 83 Resp: 111511
Ion Ratio Lower Upper
83 100
85 61.5 51.3 76.9

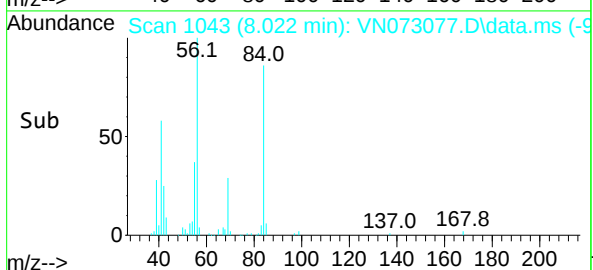
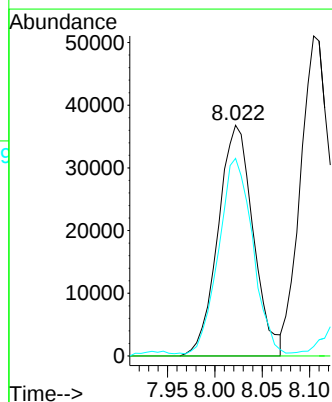
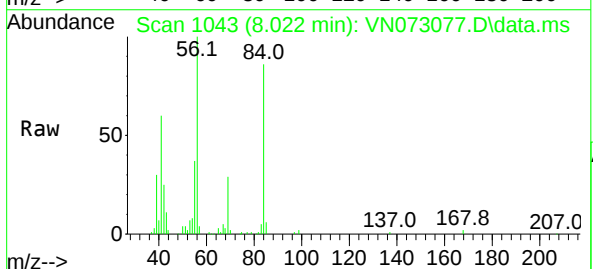
Manual Integrations
APPROVED

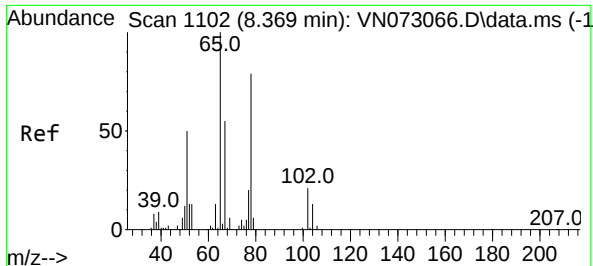
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Cyclohexane
Concen: 18.123 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Tgt Ion: 56 Resp: 95089
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 83.5 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.093 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073077.D

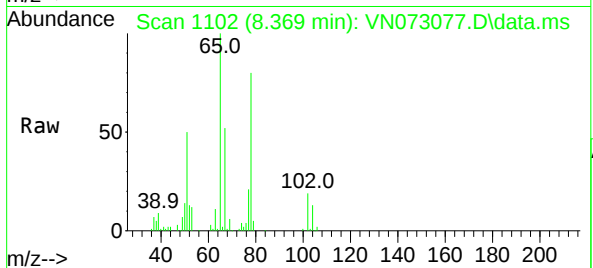
Acq: 24 Jun 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01



Tgt Ion: 65 Resp: 120480

Ion Ratio Lower Upper

65 100

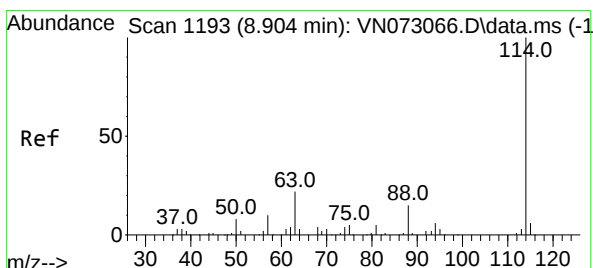
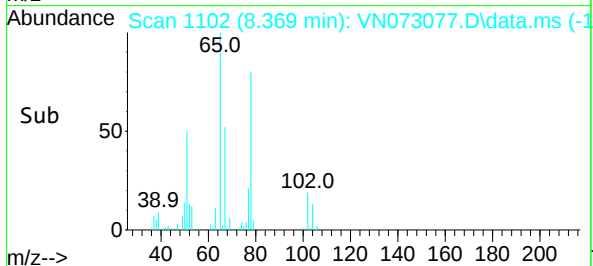
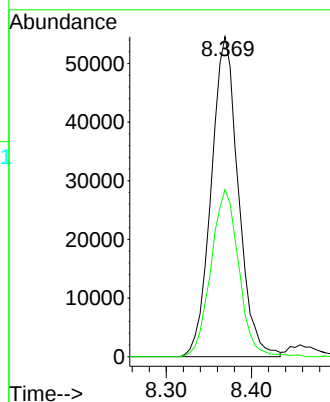
67 53.3 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

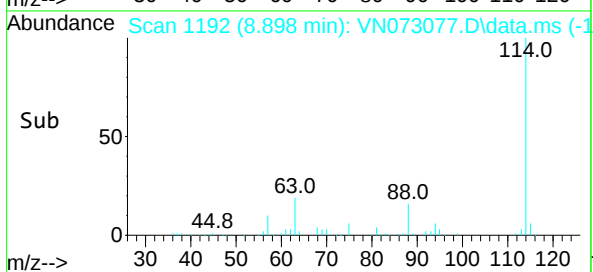
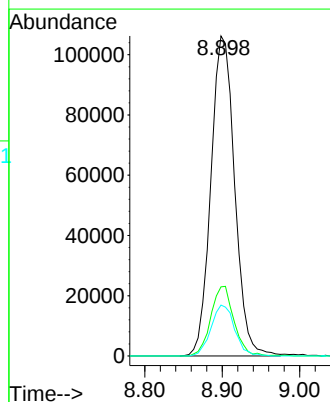
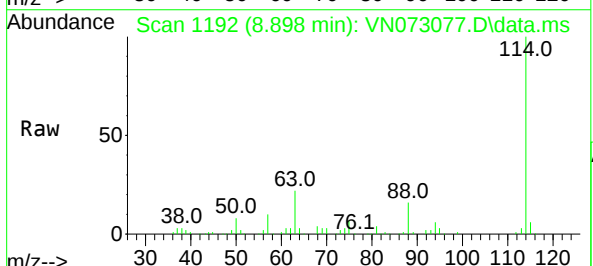
Tgt Ion:114 Resp: 226943

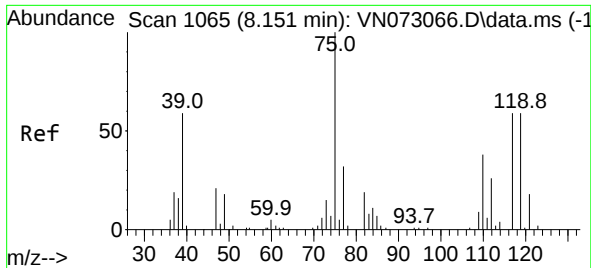
Ion Ratio Lower Upper

114 100

63 21.1 15.8 23.6

88 15.8 11.6 17.4





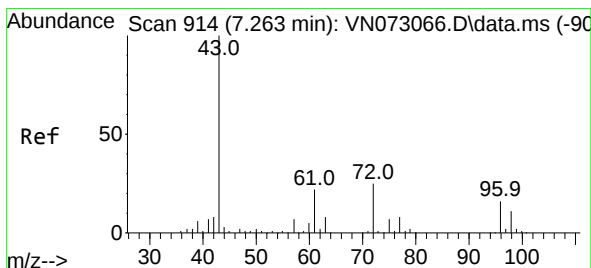
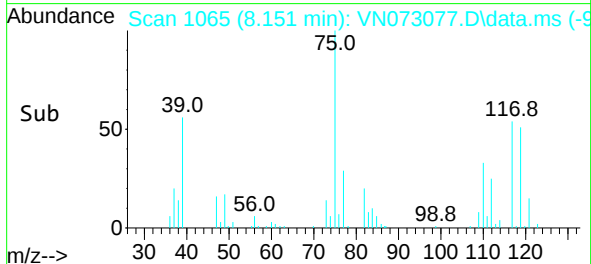
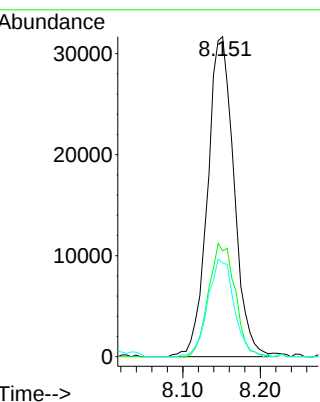
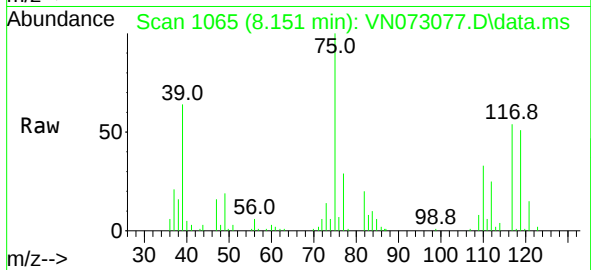
#29
1,1-Dichloropropene
Concen: 18.271 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 75 Resp: 74970
Ion Ratio Lower Upper
75 100
110 35.5 0.0 74.2
77 30.5 0.0 63.2

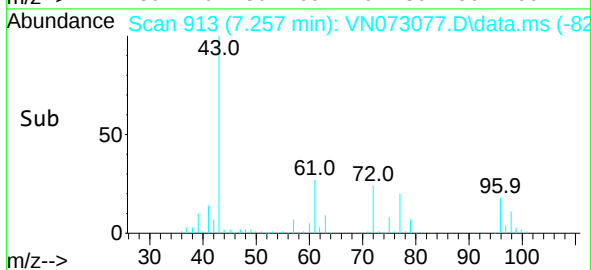
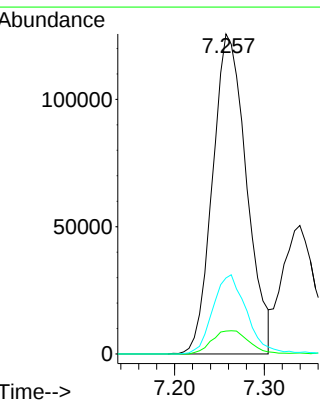
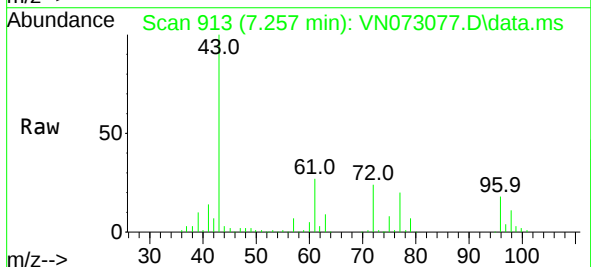
Manual Integrations
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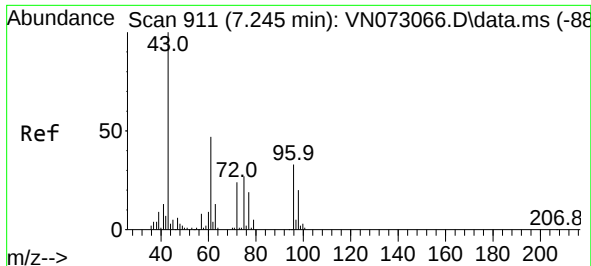
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
2-Butanone
Concen: 104.493 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

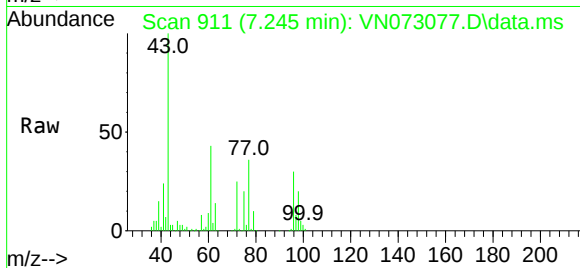
Tgt Ion: 43 Resp: 330198
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 24.6 23.2 34.8





#31
2,2-Dichloropropane
Concen: 42.708 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

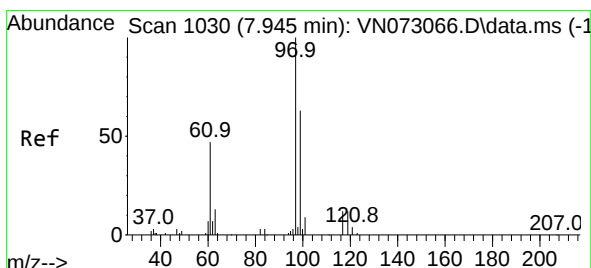
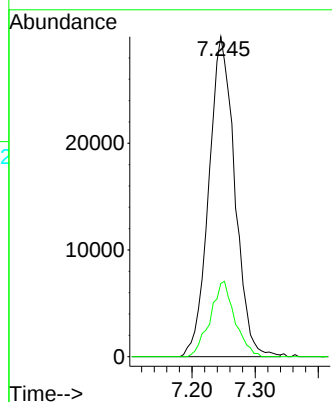
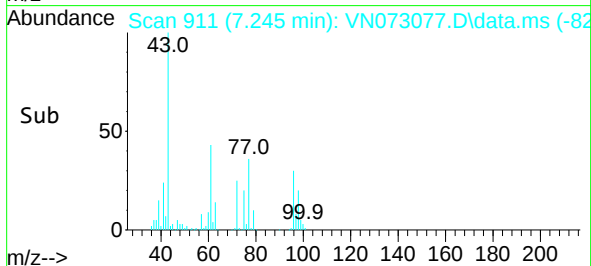
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



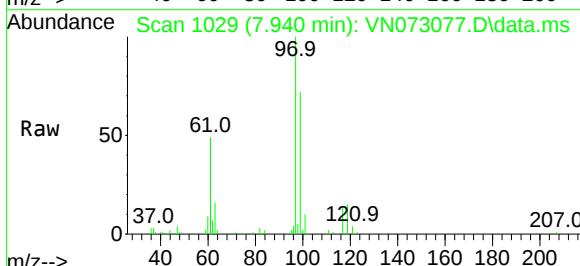
Tgt Ion: 77 Resp: 8577
Ion Ratio Lower Upper
77 100
97 22.2 18.3 27.5

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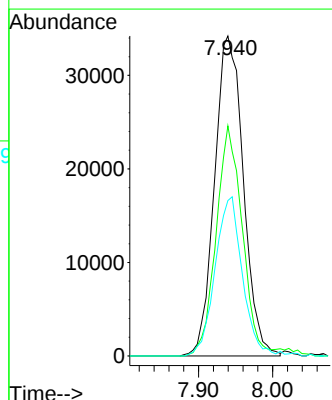
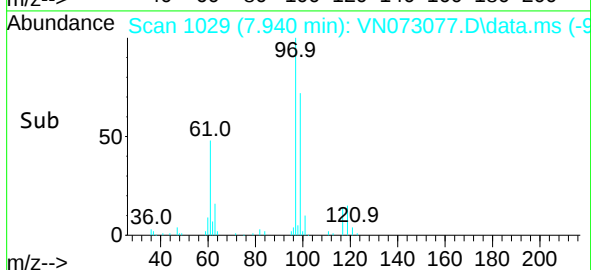
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

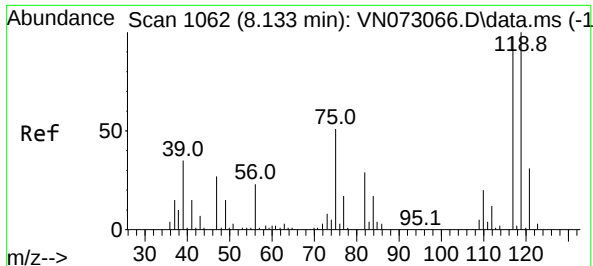


#32
1,1,1-Trichloroethane
Concen: 18.310 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



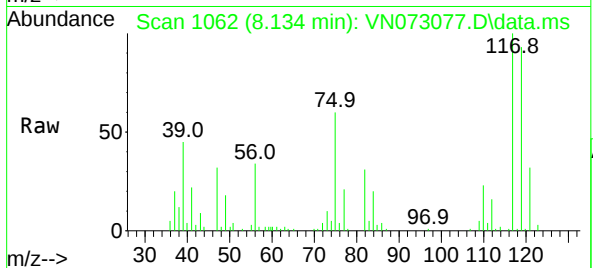
Tgt Ion: 97 Resp: 92310
Ion Ratio Lower Upper
97 100
99 65.1 50.4 75.6
61 47.0 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.597 ug/l
RT: 8.134 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

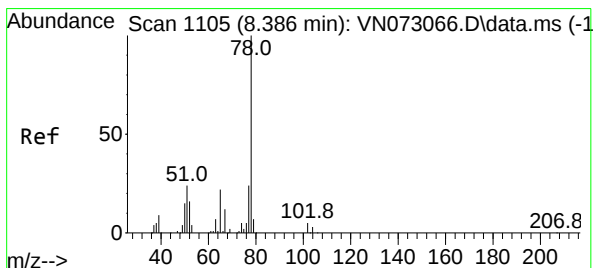
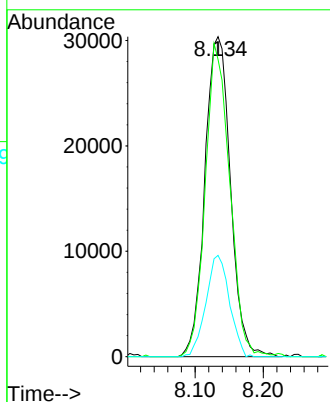
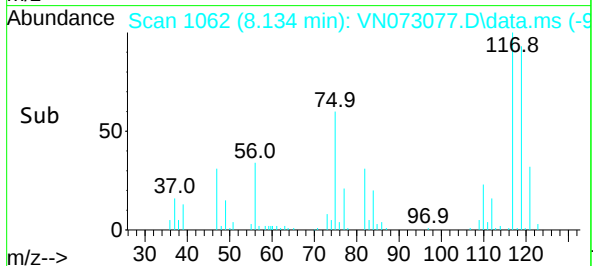
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



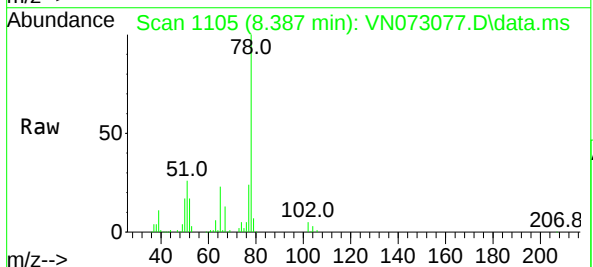
Tgt Ion:117 Resp: 79275
Ion Ratio Lower Upper
117 100
119 92.9 77.5 116.3
121 31.7 23.5 35.3

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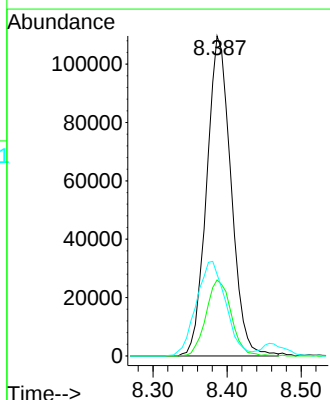
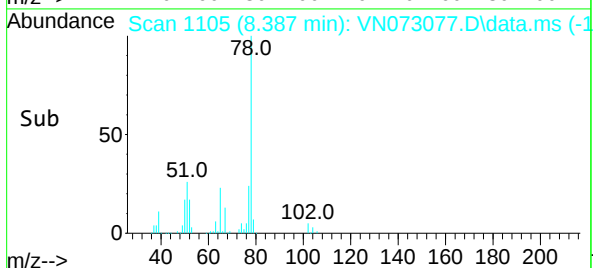
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

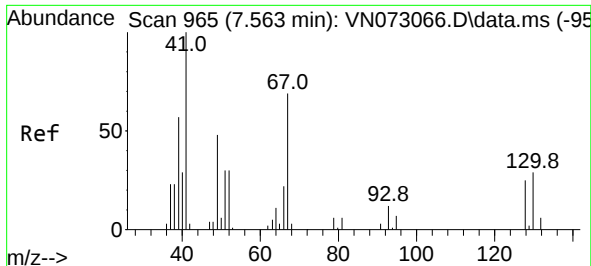


#34
Benzene
Concen: 19.577 ug/l
RT: 8.387 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



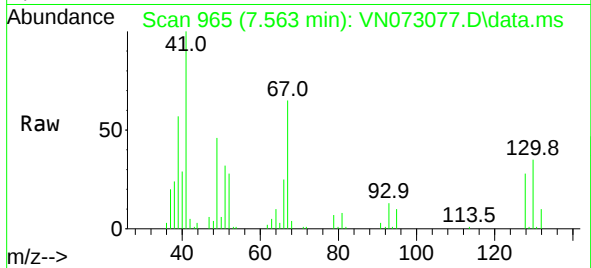
Tgt Ion: 78 Resp: 250021
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7
51 24.1 16.0 24.0#





#35
Methacrylonitrile
Concen: 22.330 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

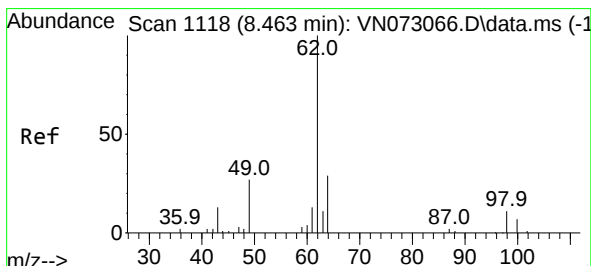
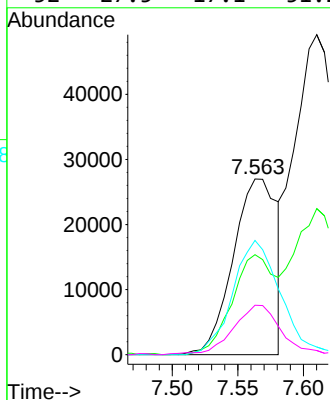
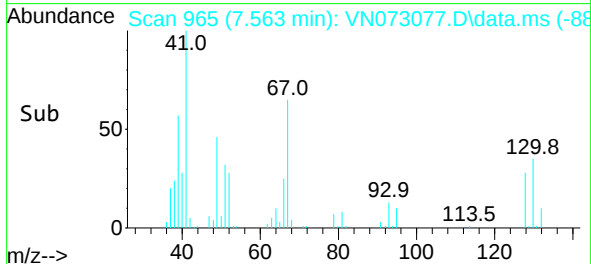
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



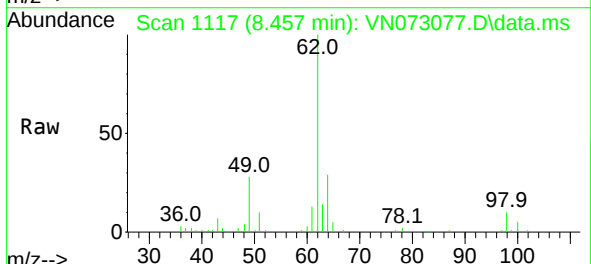
Tgt Ion: 41 Resp: 62775
Ion Ratio Lower Upper
41 100
39 56.4 28.0 83.9
67 65.0 37.7 113.1
52 27.5 17.1 51.2

Manual Integrations
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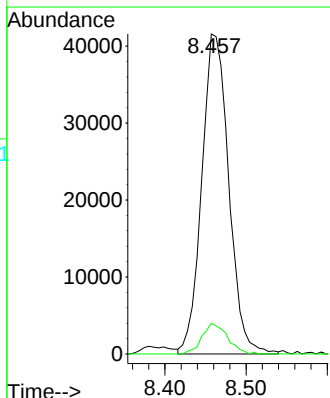
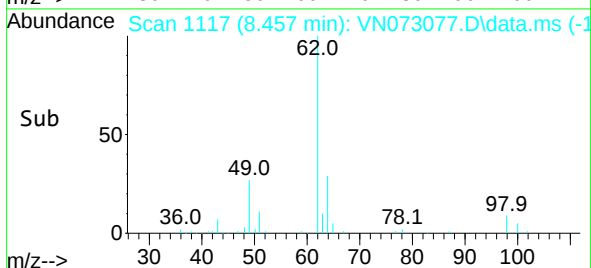
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

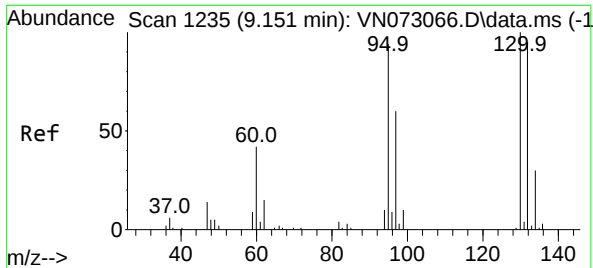


#36
1,2-Dichloroethane
Concen: 20.307 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



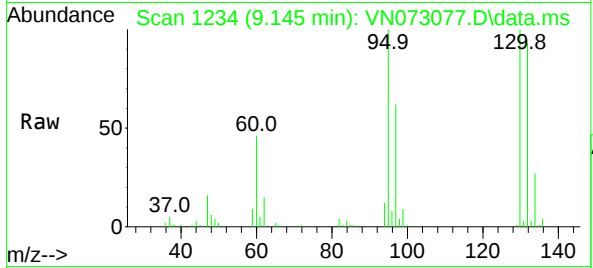
Tgt Ion: 62 Resp: 96117
Ion Ratio Lower Upper
62 100
98 8.9 6.6 10.0





#37
Trichloroethene
Concen: 18.505 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

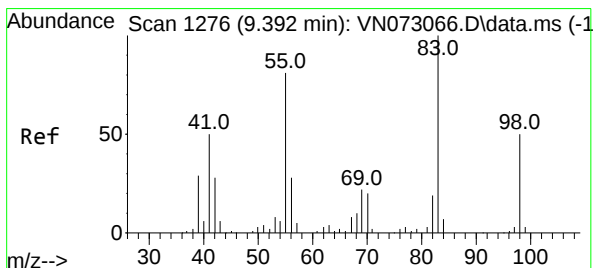
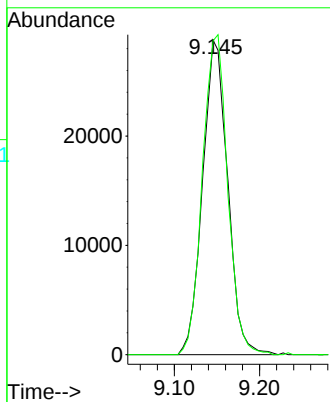
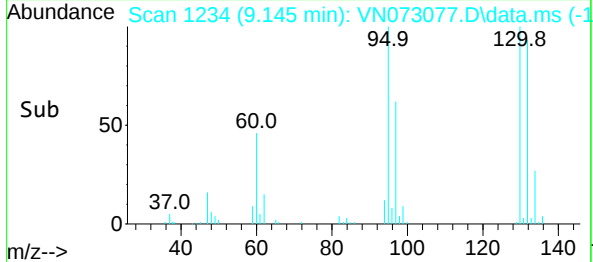
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



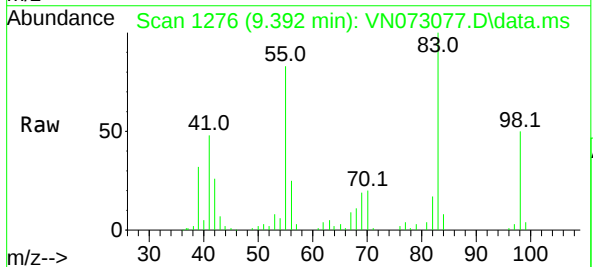
Tgt Ion:130 Resp: 58814
Ion Ratio Lower Upper
130 100
95 99.8 76.6 115.0

Manual Integrations
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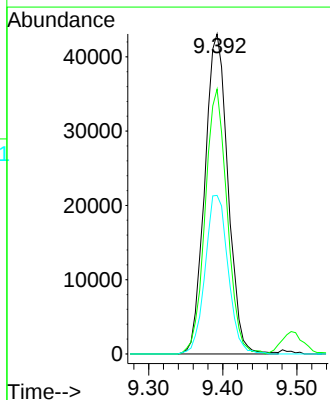
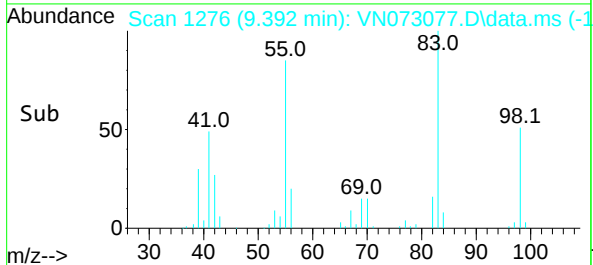
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

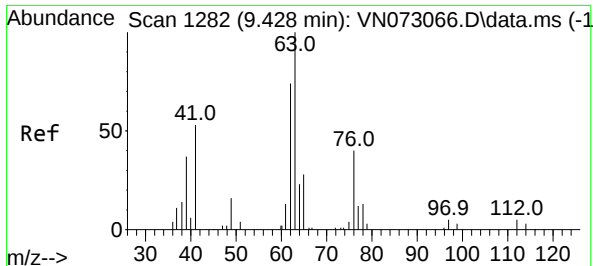


#38
Methylcyclohexane
Concen: 19.222 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



Tgt Ion: 83 Resp: 93410
Ion Ratio Lower Upper
83 100
55 78.5 35.1 105.3
98 49.2 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.186 ug/l

RT: 9.422 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion: 63 Resp: 6666

Ion Ratio Lower Upper

63 100

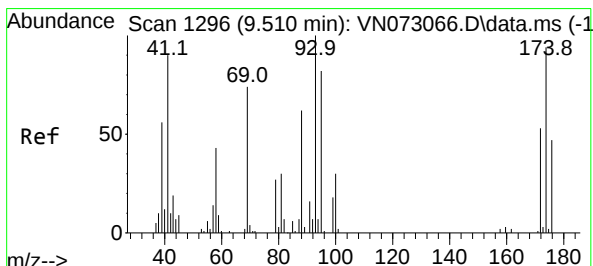
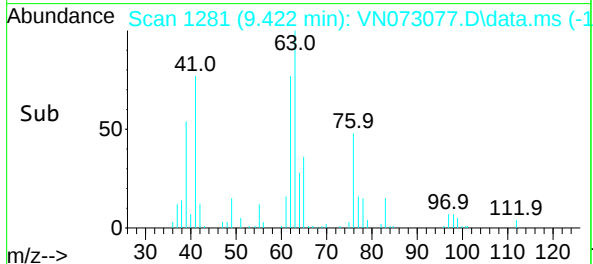
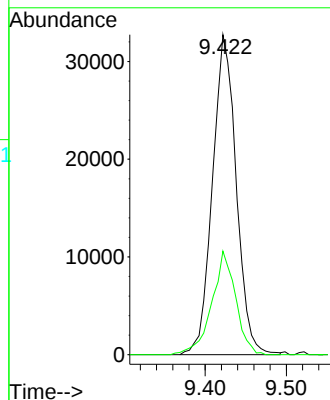
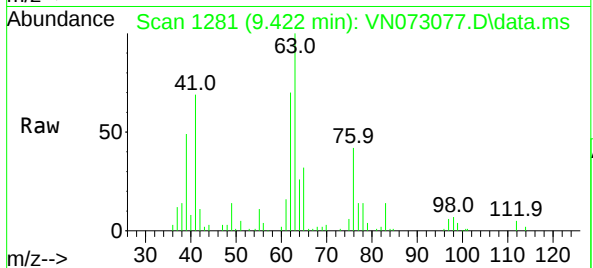
65 32.4 24.2 36.4

Manual Integrations

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Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#40

Dibromomethane

Concen: 20.488 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

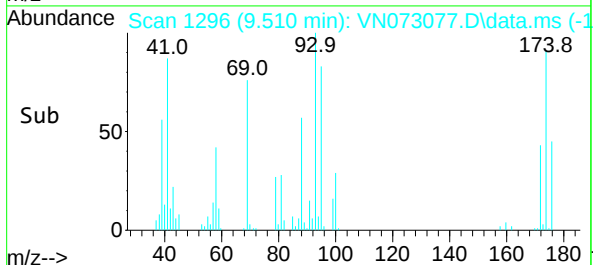
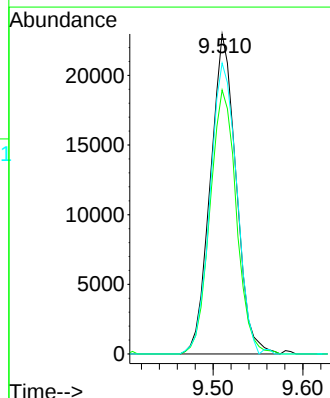
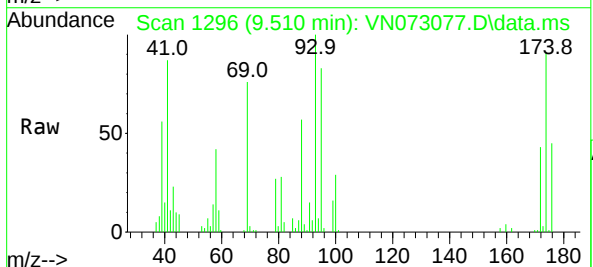
Tgt Ion: 93 Resp: 45784

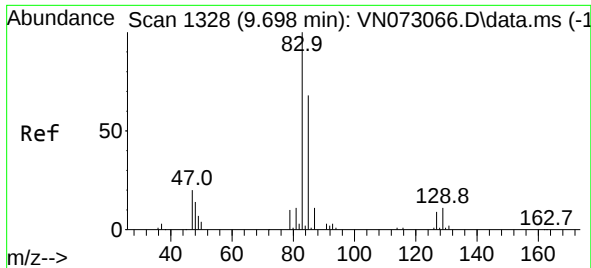
Ion Ratio Lower Upper

93 100

95 84.2 0.0 168.8

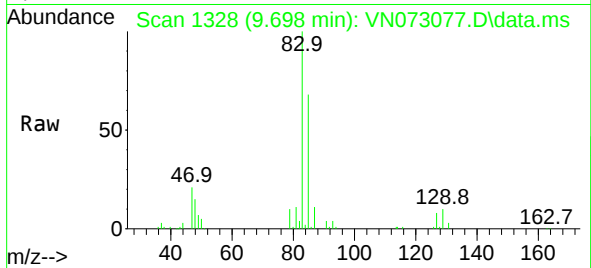
174 93.4 0.0 173.6





#41
Bromodichloromethane
Concen: 19.657 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

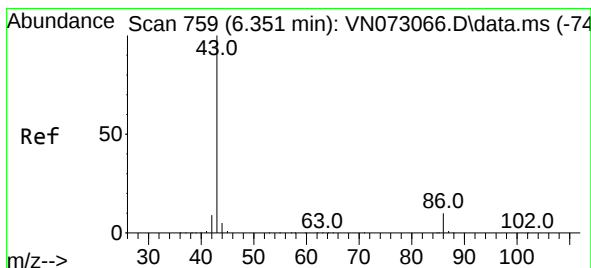
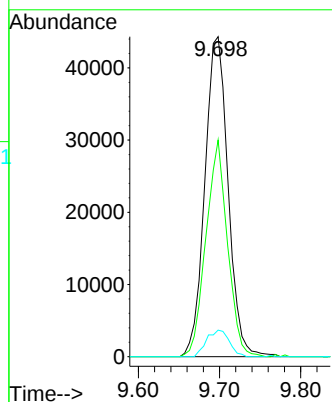
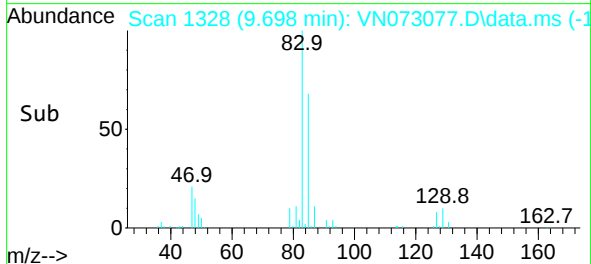
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



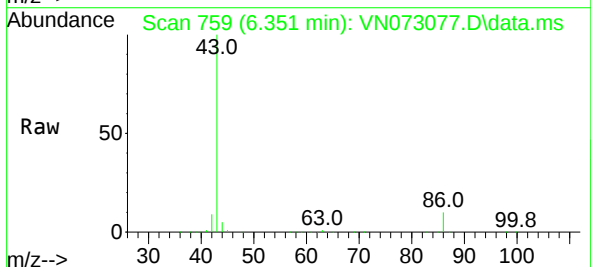
Tgt Ion: 83 Resp: 88375
Ion Ratio Lower Upper
83 100
85 67.7 54.1 81.1
127 8.3 7.6 11.4

Manual Integrations
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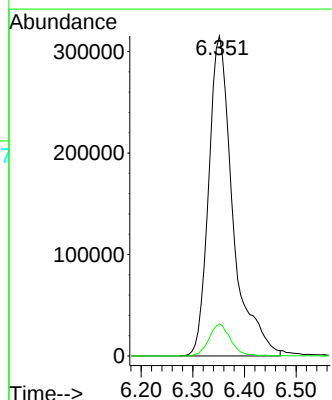
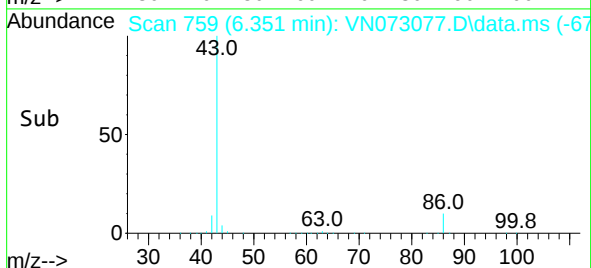
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

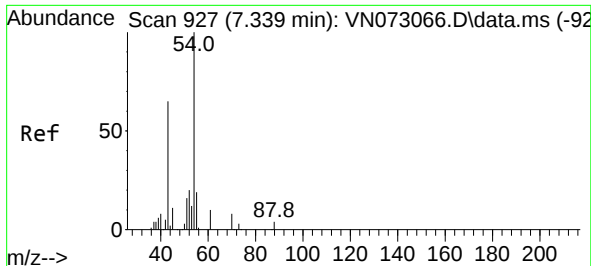


#42
Vinyl Acetate
Concen: 104.928 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



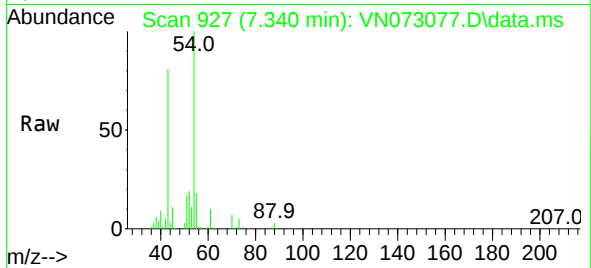
Tgt Ion: 43 Resp: 1025187
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43
Ethyl Acetate
Concen: 22.804 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

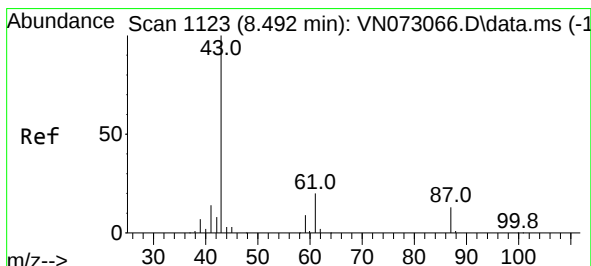
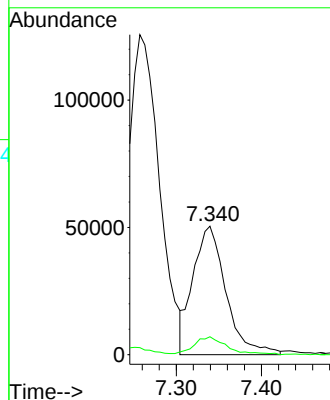
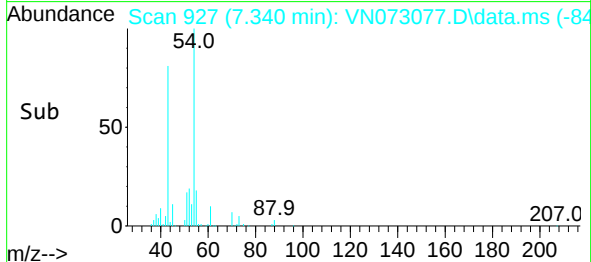
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



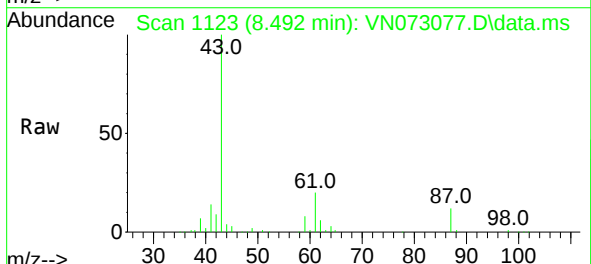
Tgt Ion: 43 Resp: 135710
Ion Ratio Lower Upper
43 100
45 12.3 10.6 16.0

Manual Integrations
APPROVED

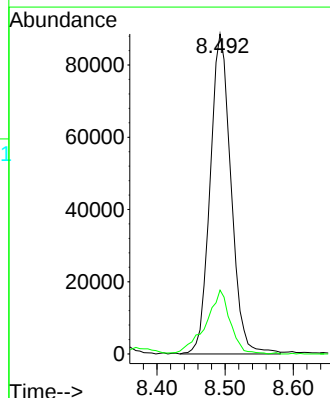
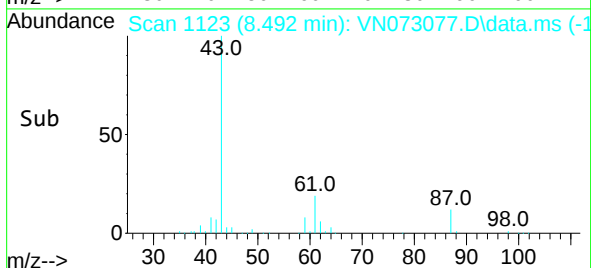
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

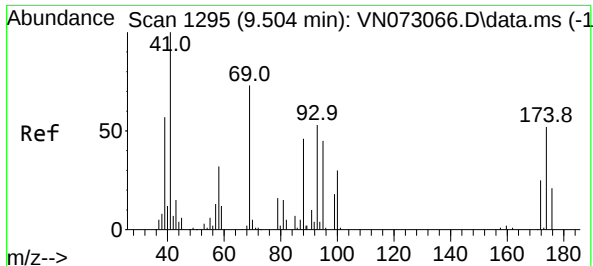


#44
Isopropyl Acetate
Concen: 20.552 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



Tgt Ion: 43 Resp: 188870
Ion Ratio Lower Upper
43 100
61 23.5 20.1 30.1





#45

1,4-Dioxane

Concen: 421.249 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion: 88 Resp: 34489

Ion Ratio Lower Upper

88 100

43 36.4 25.0 37.6

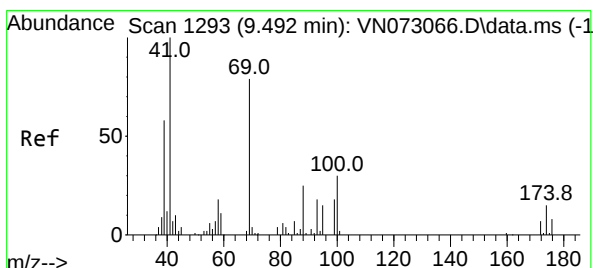
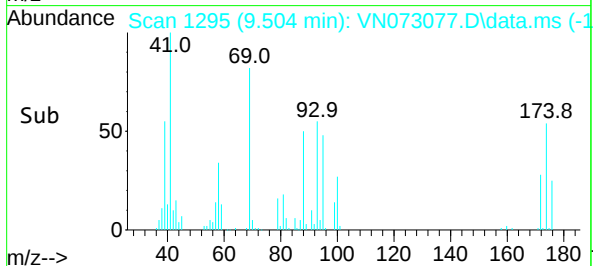
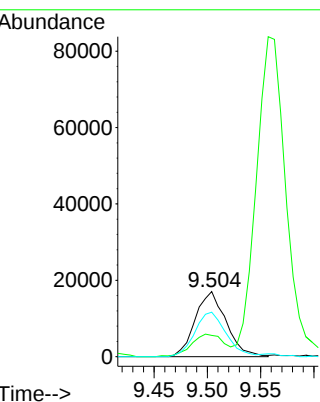
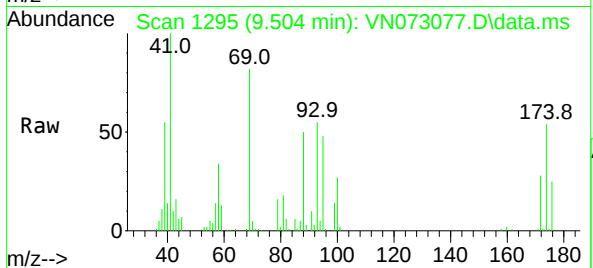
58 68.7 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

Methyl methacrylate

Concen: 21.379 ug/l

RT: 9.492 min Scan# 1293

Delta R.T. 0.000 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

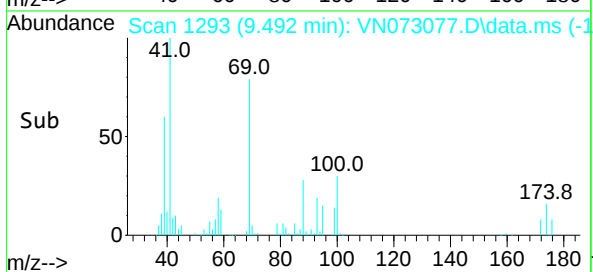
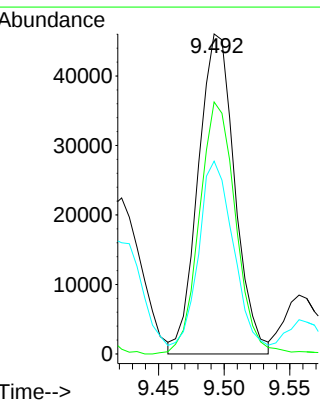
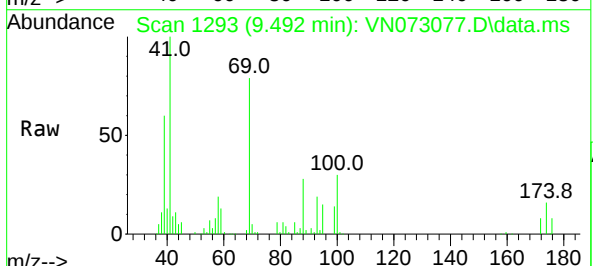
Tgt Ion: 41 Resp: 89400

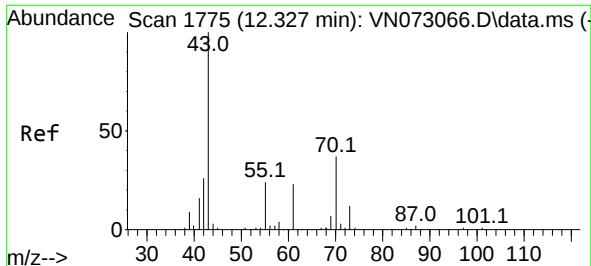
Ion Ratio Lower Upper

41 100

69 81.0 44.4 133.2

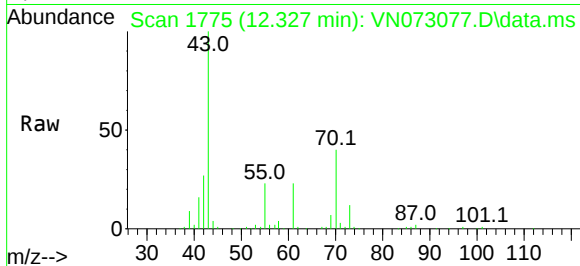
39 59.8 39.9 119.6





#47
n-amy1 Acetate
Concen: 20.070 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

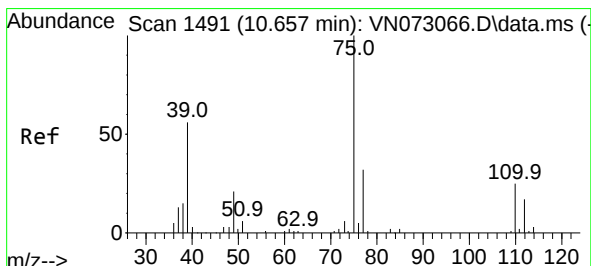
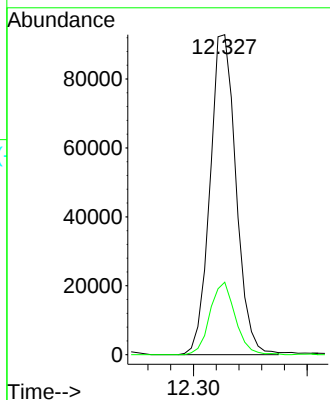
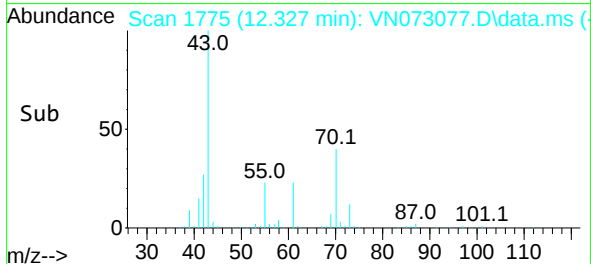
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 43 Resp: 147809
Ion Ratio Lower Upper
43 100
55 21.8 19.0 28.6

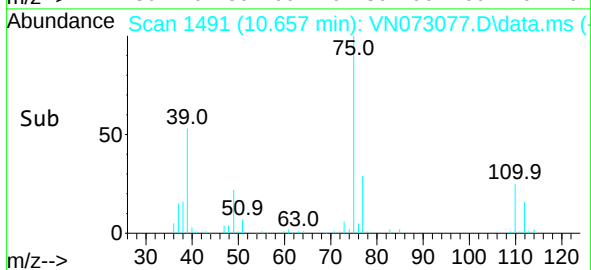
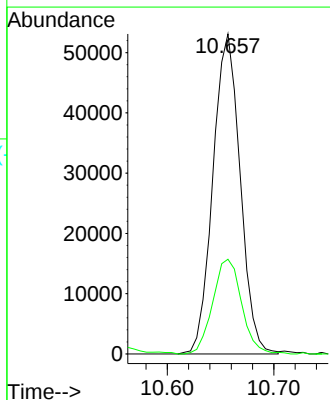
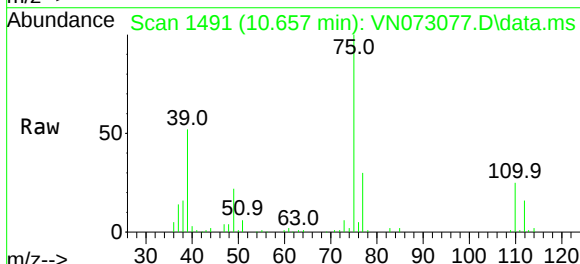
Manual Integrations
APPROVED

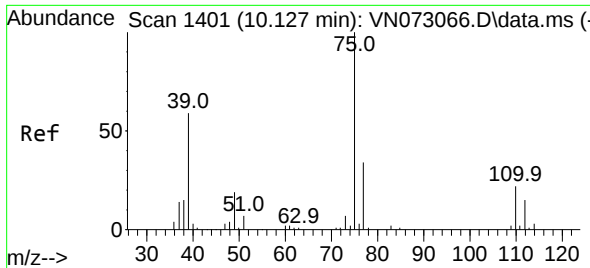
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
t-1,3-Dichloropropene
Concen: 22.425 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

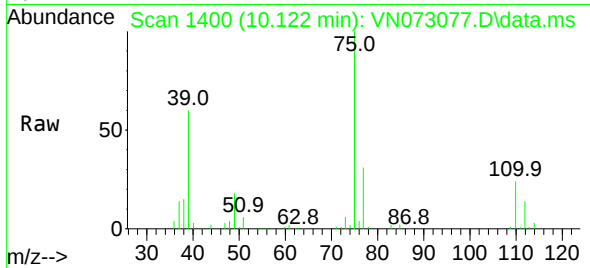
Tgt Ion: 75 Resp: 94298
Ion Ratio Lower Upper
75 100
77 29.6 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 22.308 ug/l
 RT: 10.122 min Scan# 1401
 Delta R.T. -0.006 min
 Lab File: VN073077.D
 Acq: 24 Jun 2022 12:11

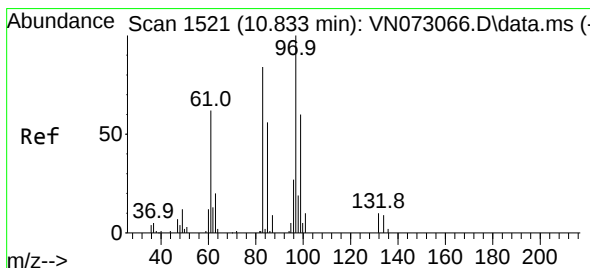
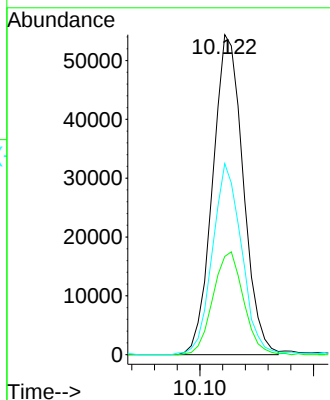
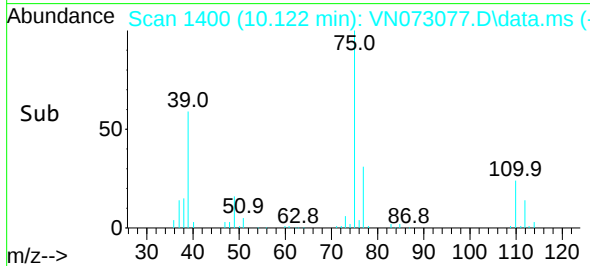
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01



Tgt Ion: 75 Resp: 10158
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9
 39 59.2 46.2 69.4

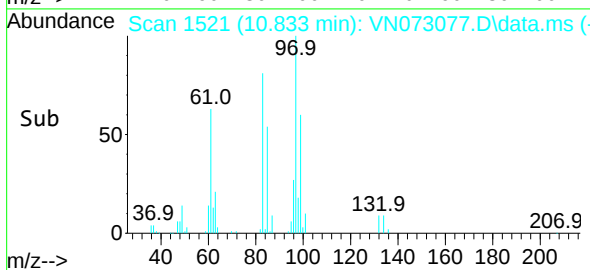
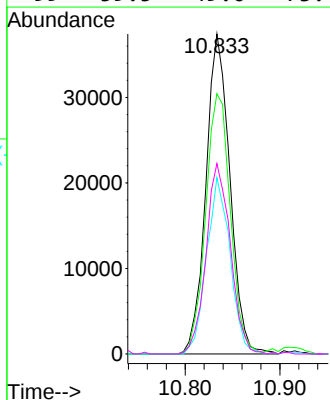
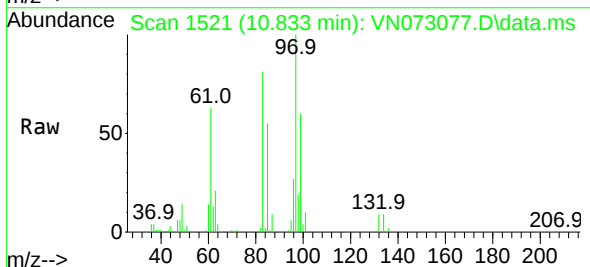
Manual Integrations
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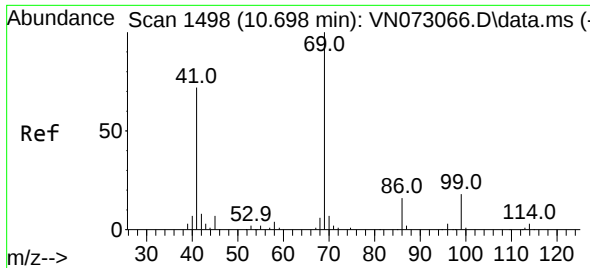
Reviewed By :John Carlone 06/25/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#50
 1,1,2-Trichloroethane
 Concen: 20.396 ug/l
 RT: 10.833 min Scan# 1521
 Delta R.T. 0.000 min
 Lab File: VN073077.D
 Acq: 24 Jun 2022 12:11

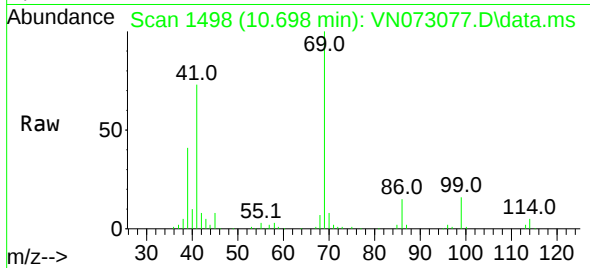
Tgt Ion: 97 Resp: 66026
 Ion Ratio Lower Upper
 97 100
 83 81.4 67.2 100.8
 85 55.1 43.0 64.4
 99 59.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.762 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

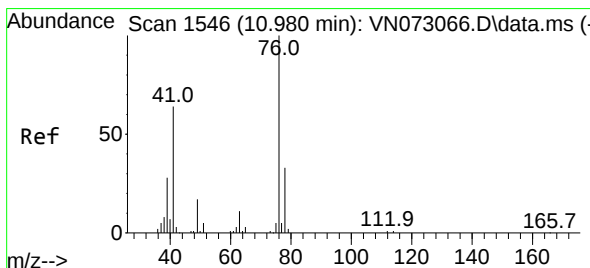
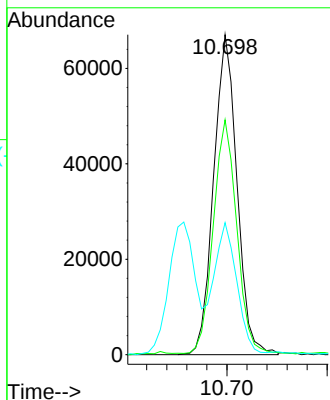
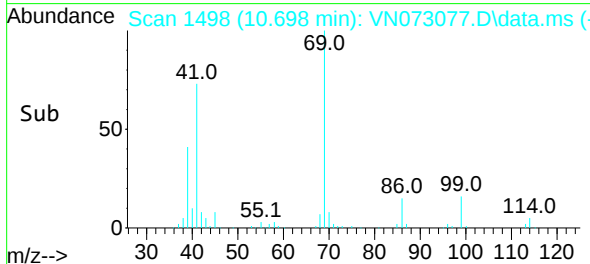
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



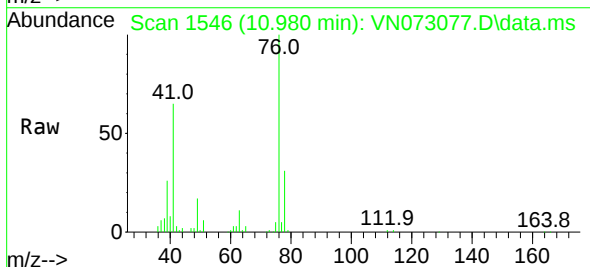
Tgt Ion: 69 Resp: 10834
Ion Ratio Lower Upper
69 100
41 73.0 33.0 98.9
39 40.3 25.4 76.4

Manual Integrations
APPROVED

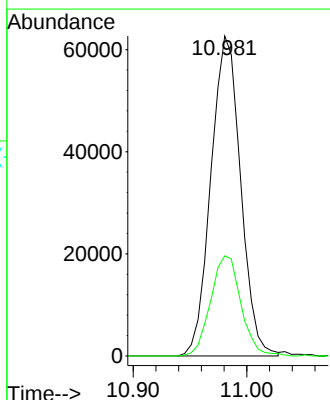
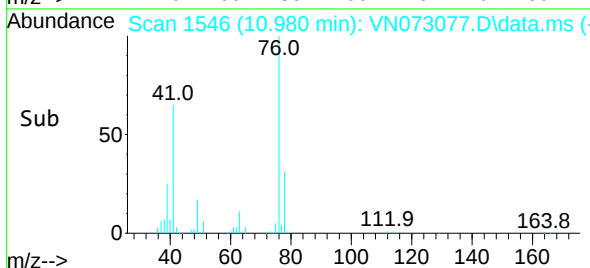
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

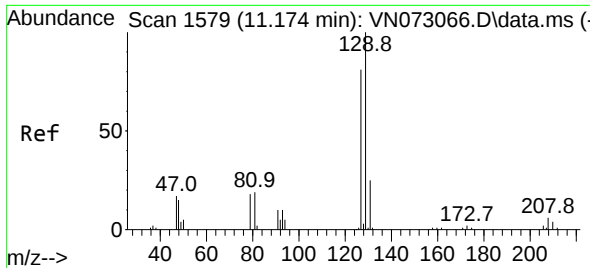


#52
1,3-Dichloropropane
Concen: 20.447 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



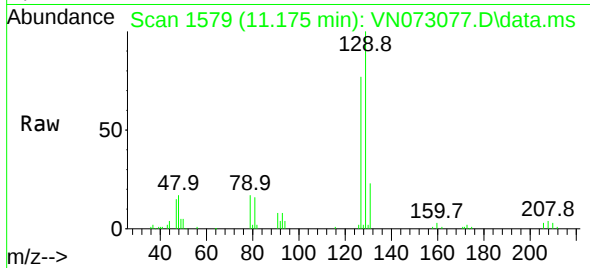
Tgt Ion: 76 Resp: 113853
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.4





#53
Dibromochloromethane
Concen: 19.662 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

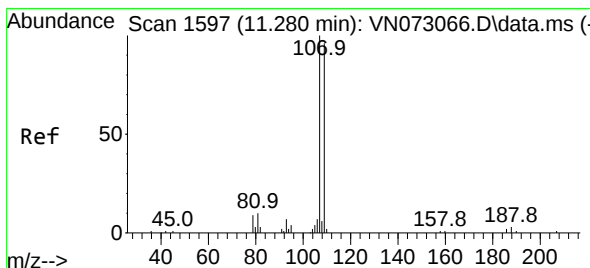
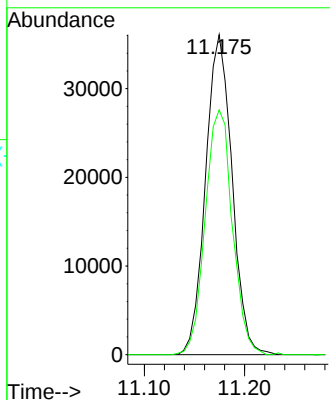
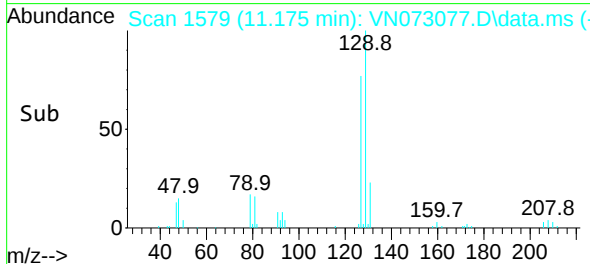
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



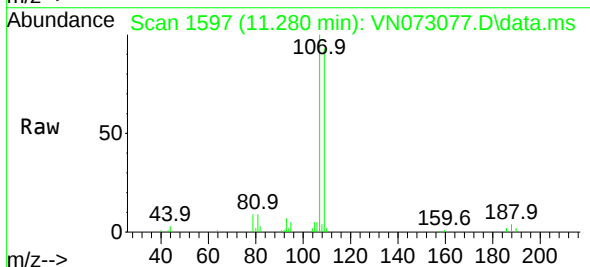
Tgt Ion:129 Resp: 6618
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

Manual Integrations
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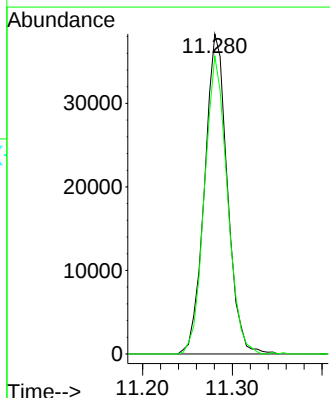
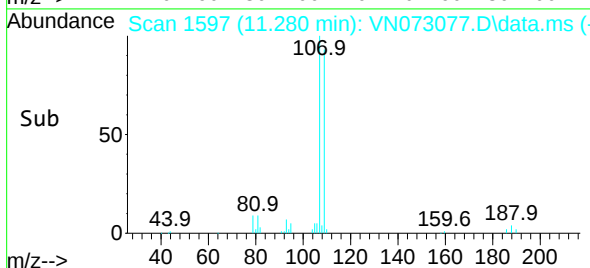
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

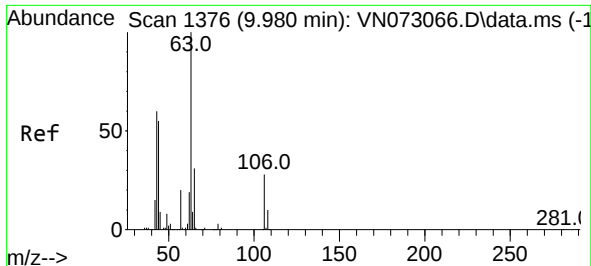


#54
1,2-Dibromoethane
Concen: 19.825 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



Tgt Ion:107 Resp: 67409
Ion Ratio Lower Upper
107 100
109 93.3 72.8 109.2





#55

2-Chloroethyl vinyl ether

Concen: 104.459 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion: 63 Resp: 244624

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0

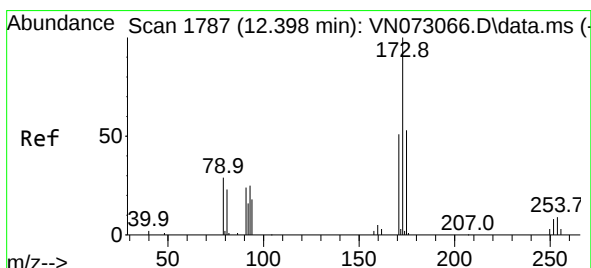
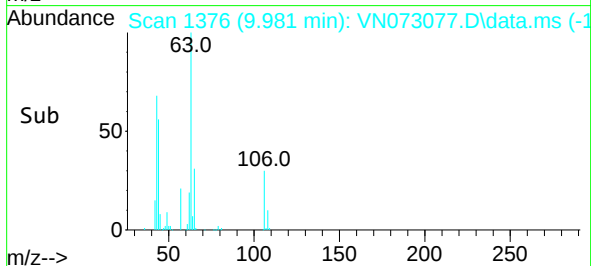
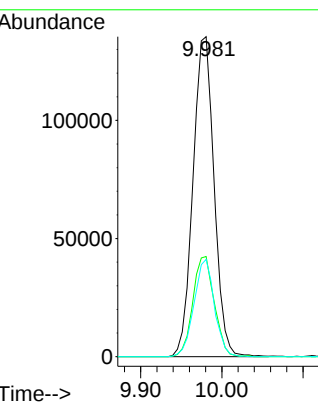
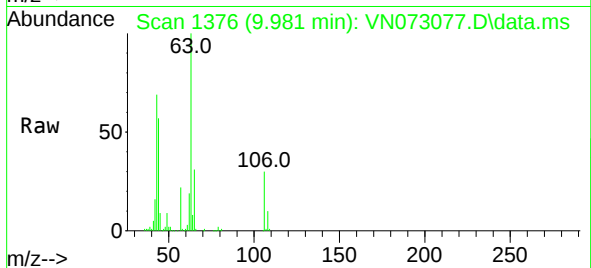
106 29.4 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

Bromoform

Concen: 19.411 ug/l

RT: 12.392 min Scan# 1786

Delta R.T. -0.006 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

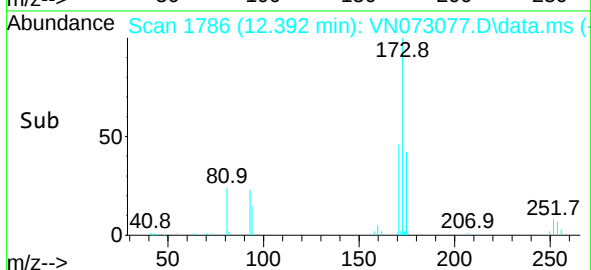
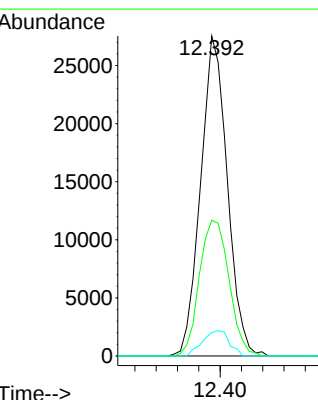
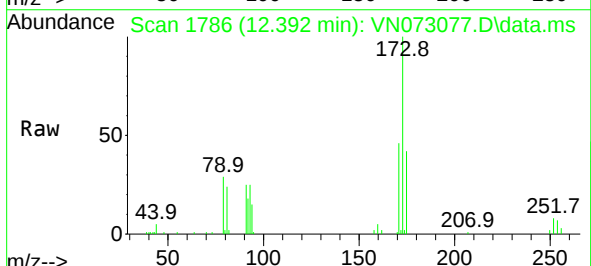
Tgt Ion:173 Resp: 47858

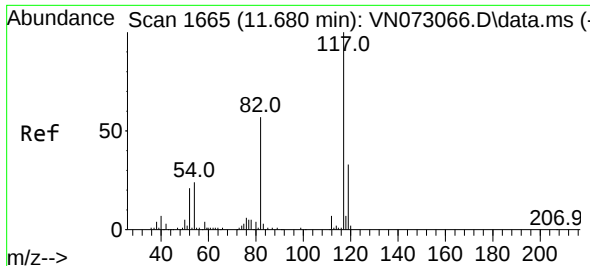
Ion Ratio Lower Upper

173 100

175 47.0 38.6 58.0

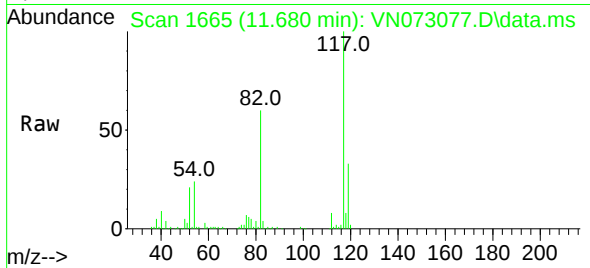
254 7.9 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

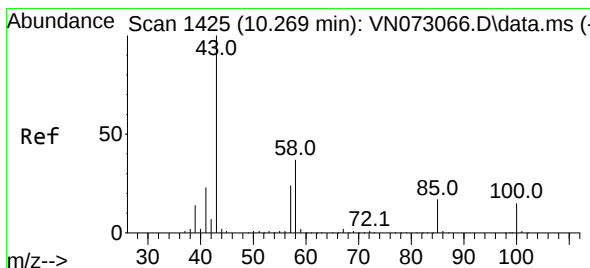
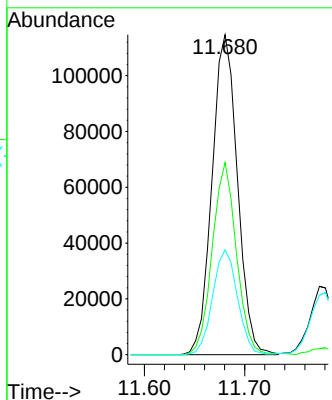
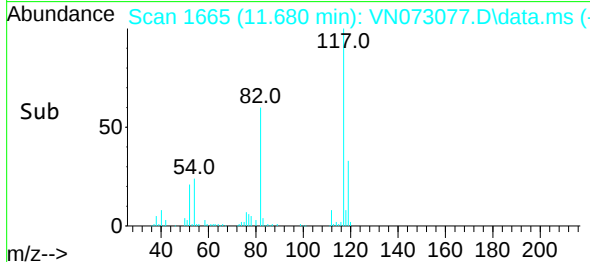
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 117 Resp: 201769
Ion Ratio Lower Upper
117 100
82 57.0 43.6 65.4
119 32.0 25.8 38.6

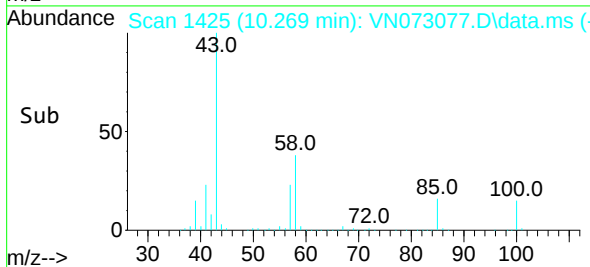
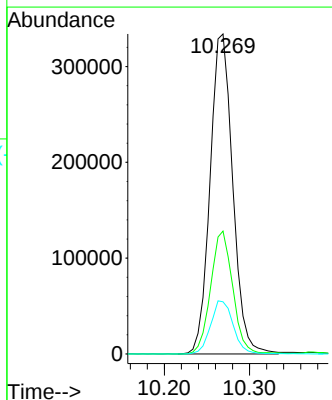
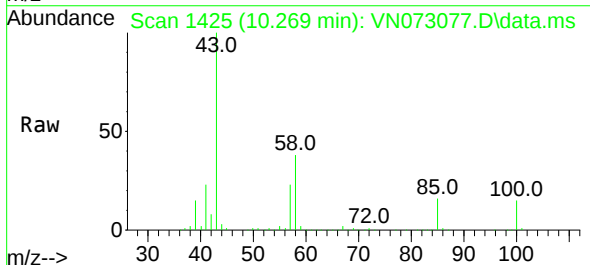
Manual Integrations
APPROVED

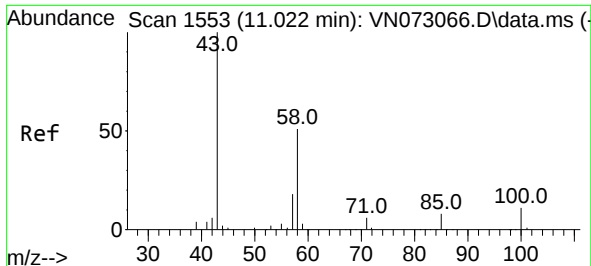
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#58
4-Methyl-2-Pentanone
Concen: 105.294 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

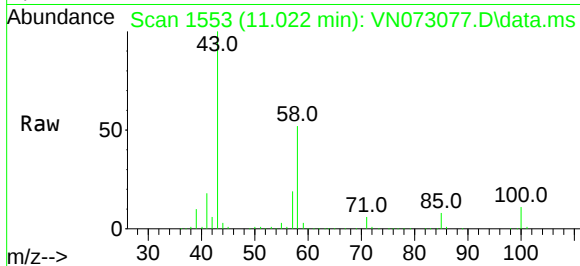
Tgt Ion: 43 Resp: 617927
Ion Ratio Lower Upper
43 100
58 37.5 30.0 45.0
85 16.5 15.0 22.6





#59
2-Hexanone
Concen: 105.937 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

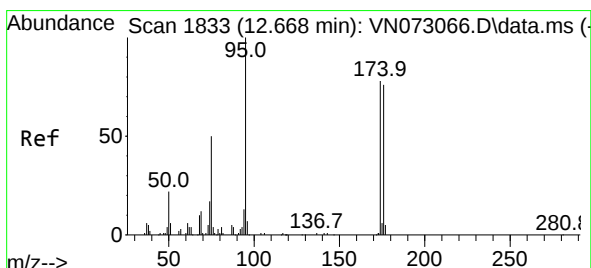
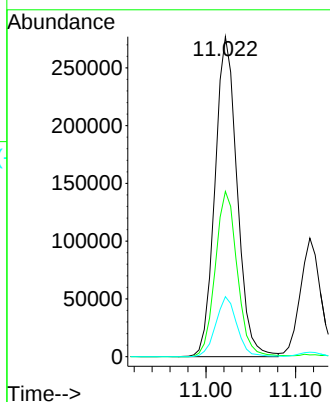
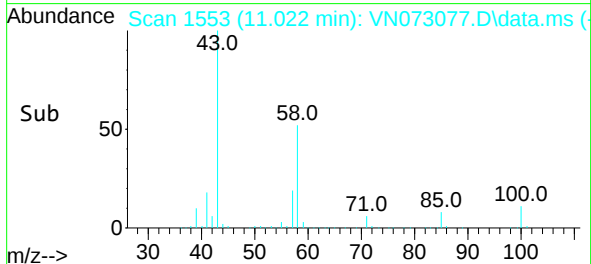
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



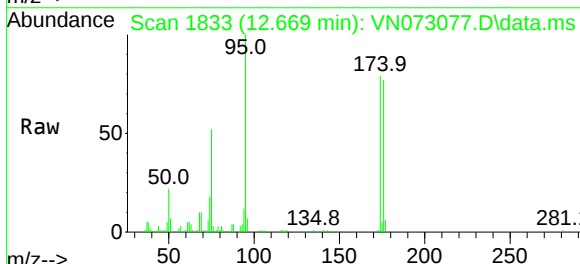
Tgt Ion: 43 Resp: 47486
Ion Ratio Lower Upper
43 100
58 51.0 42.2 63.2
57 18.0 15.0 22.4

Manual Integrations
APPROVED

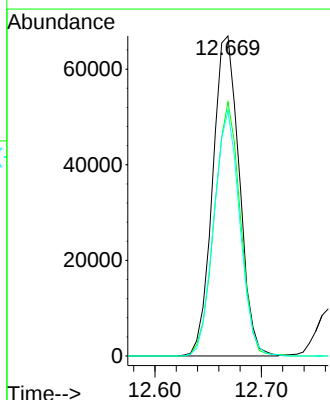
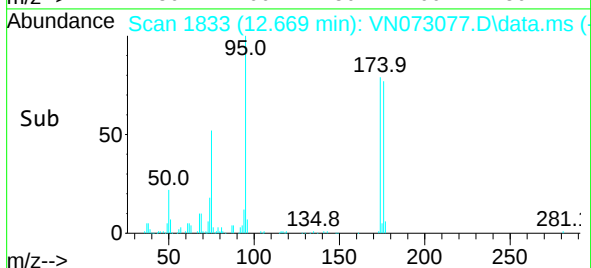
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

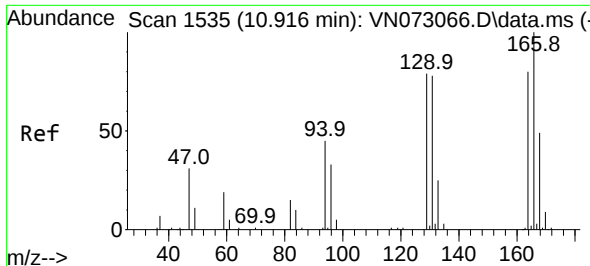


#60
4-Bromofluorobenzene
Concen: 30.125 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



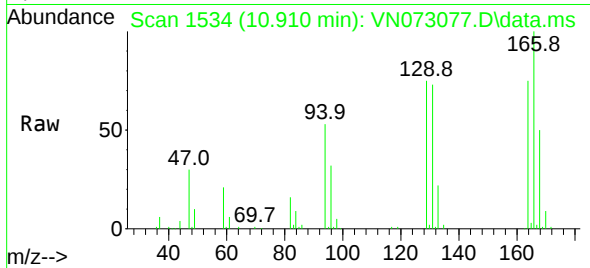
Tgt Ion: 95 Resp: 116290
Ion Ratio Lower Upper
95 100
174 76.9 62.9 94.3
176 74.3 61.0 91.4





#61
Tetrachloroethene
Concen: 19.452 ug/l
RT: 10.910 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

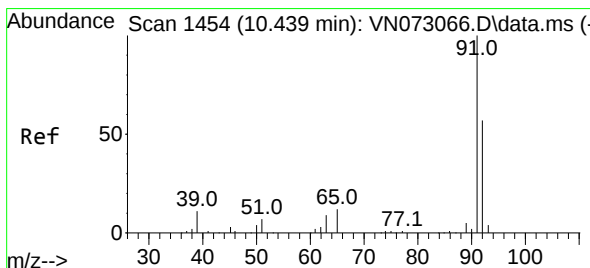
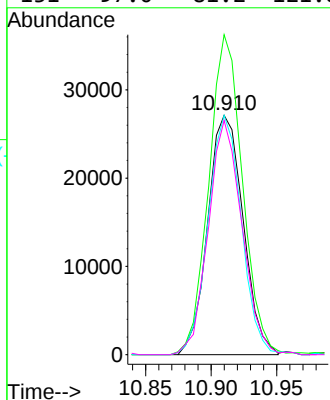
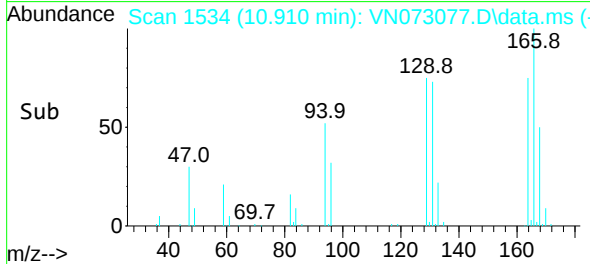
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



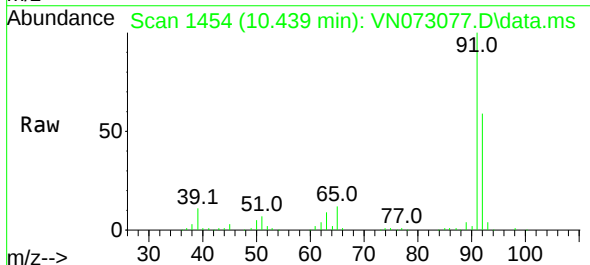
Tgt Ion:164 Resp: 50744
Ion Ratio Lower Upper
164 100
166 132.5 105.8 158.8
129 99.1 82.5 123.7
131 97.0 81.2 121.8

Manual Integrations
APPROVED

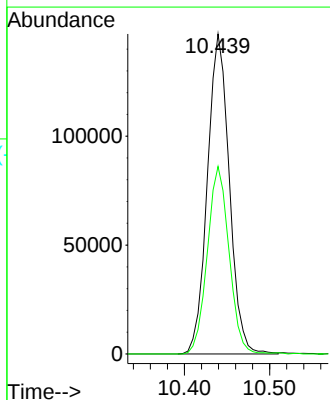
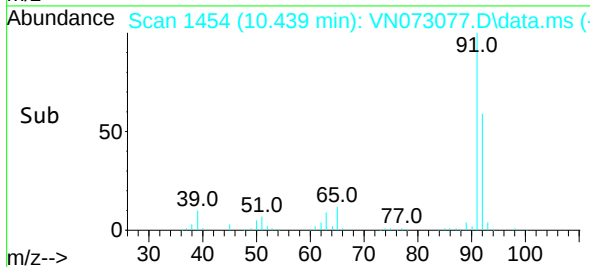
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

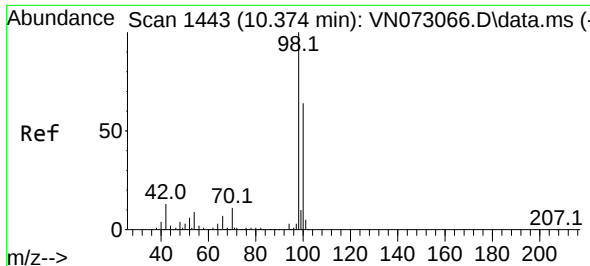


#62
Toluene
Concen: 19.570 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



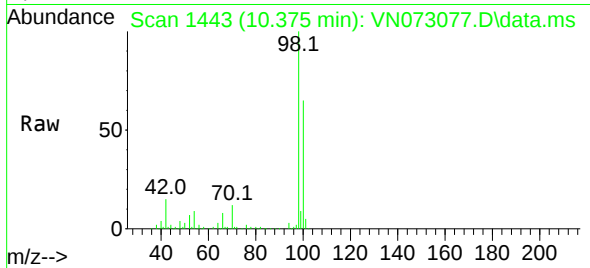
Tgt Ion: 91 Resp: 262482
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





#63
Toluene-d8
Concen: 30.239 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

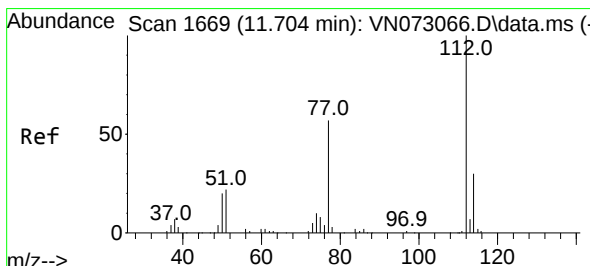
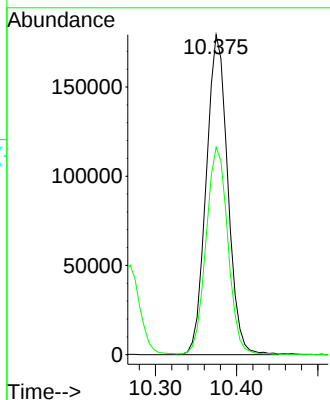
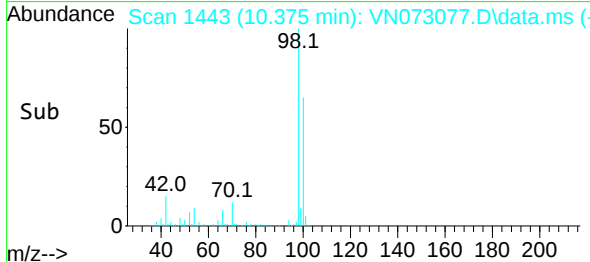
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



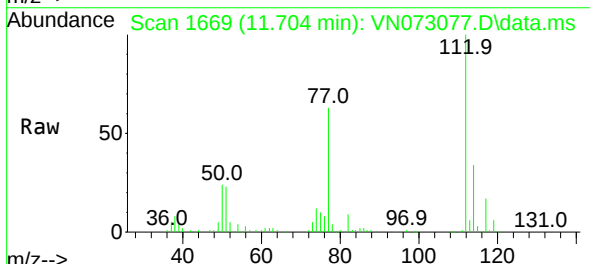
Tgt Ion: 98 Resp: 330398
Ion Ratio Lower Upper
98 100
100 64.9 50.6 76.0

Manual Integrations
APPROVED

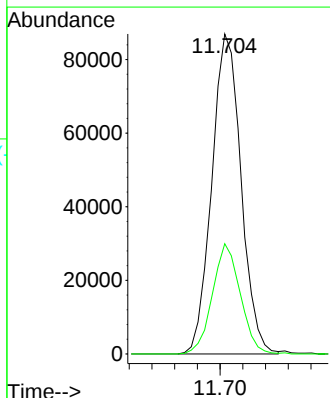
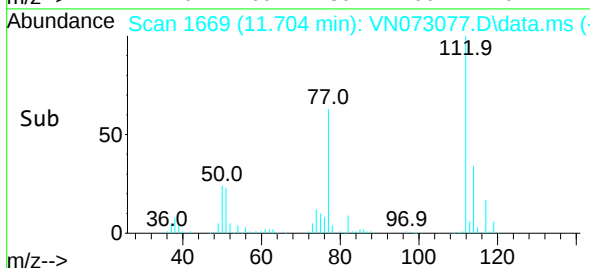
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

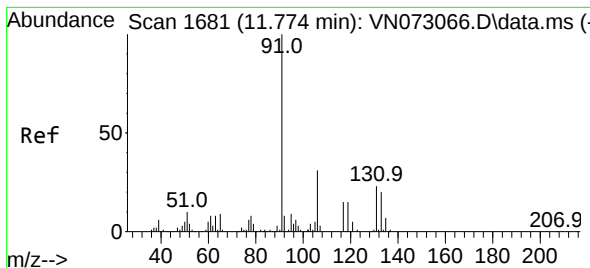


#64
Chlorobenzene
Concen: 19.253 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



Tgt Ion:112 Resp: 155377
Ion Ratio Lower Upper
112 100
114 34.4 25.8 38.6





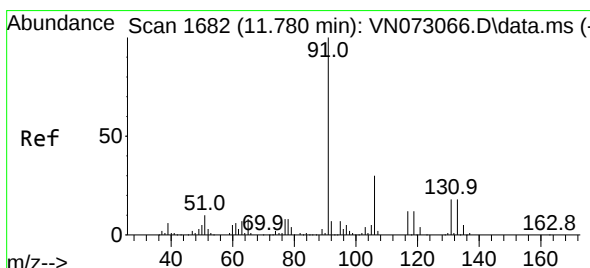
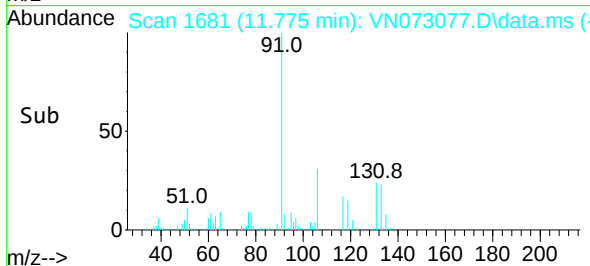
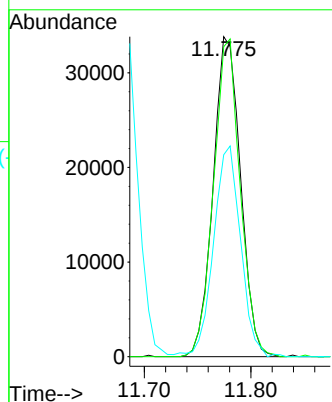
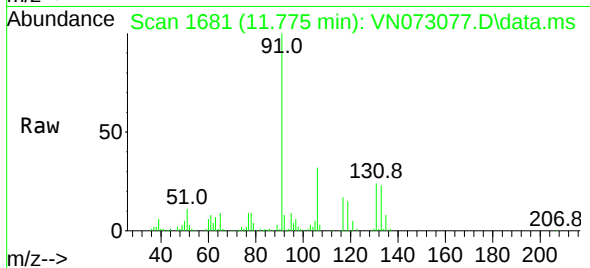
#65
1,1,1,2-Tetrachloroethane
Concen: 19.701 ug/l
RT: 11.775 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion:131 Resp: 6039
Ion Ratio Lower Upper
131 100
133 96.7 0.0 191.2
119 64.4 0.0 128.8

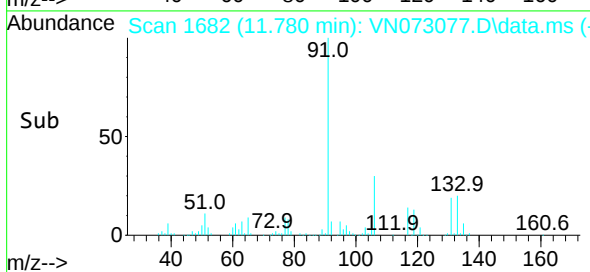
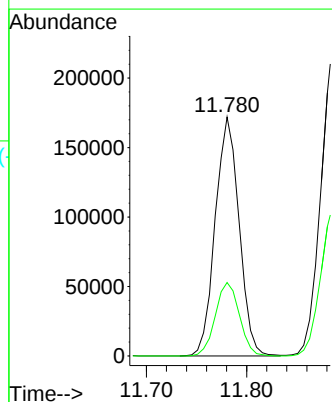
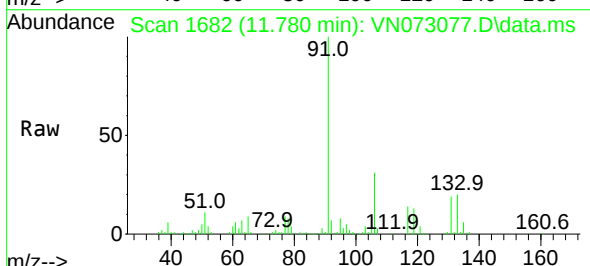
Manual Integrations
APPROVED

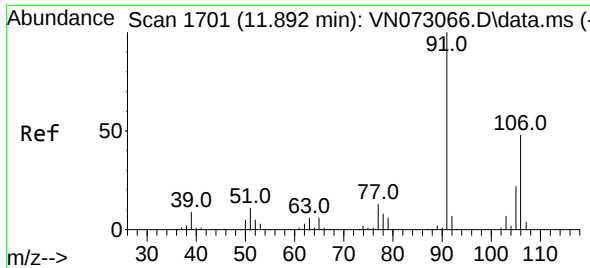
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66
Ethyl Benzene
Concen: 19.254 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Tgt Ion: 91 Resp: 284515
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0





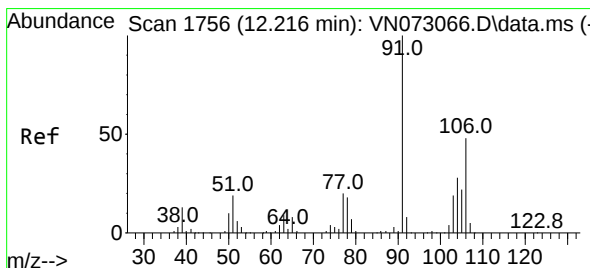
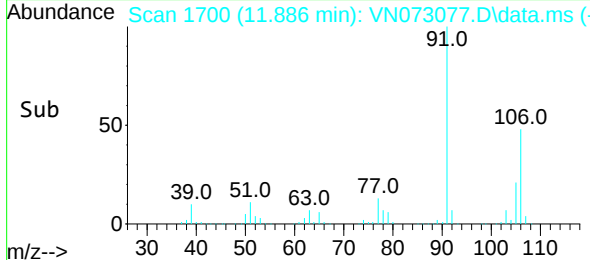
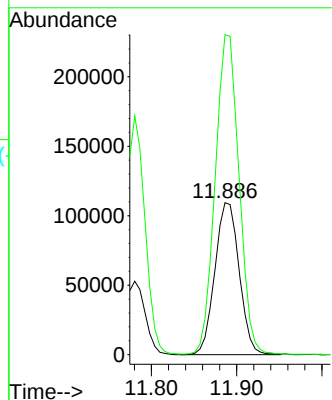
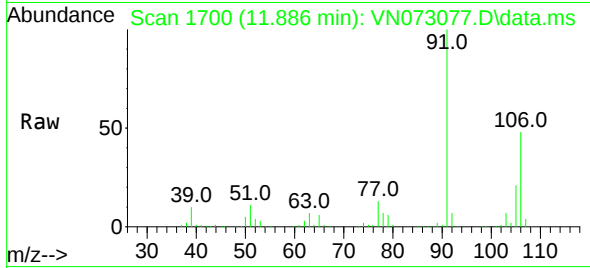
#67
m/p-Xylenes
Concen: 39.133 ug/l
RT: 11.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion:106 Resp: 21676
Ion Ratio Lower Upper
106 100
91 206.0 162.9 244.3

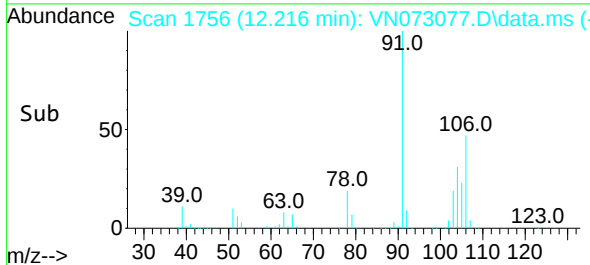
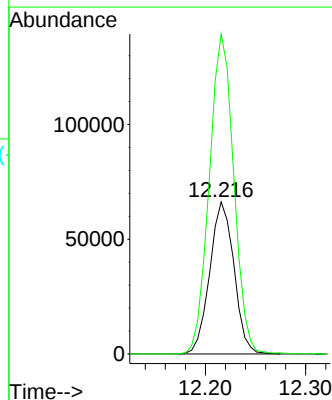
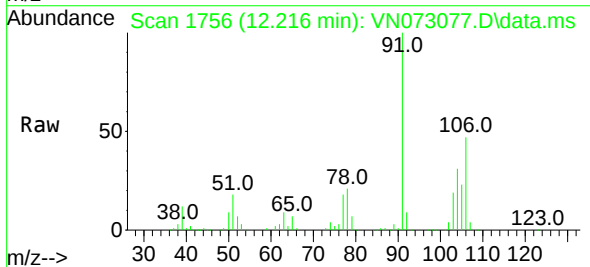
Manual Integrations
APPROVED

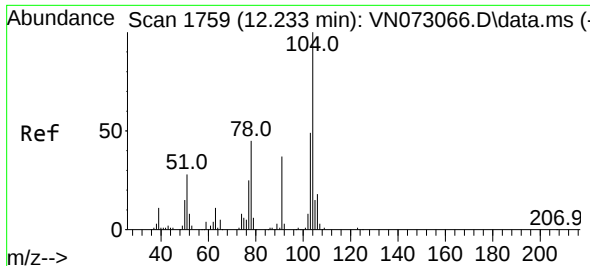
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#68
o-Xylene
Concen: 19.894 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

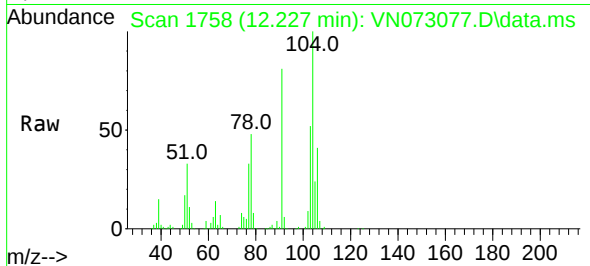
Tgt Ion:106 Resp: 111282
Ion Ratio Lower Upper
106 100
91 212.7 107.7 323.1





#69
Styrene
Concen: 19.446 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

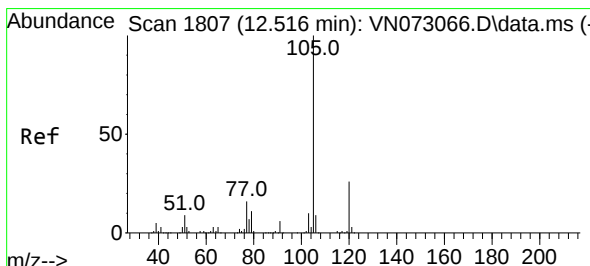
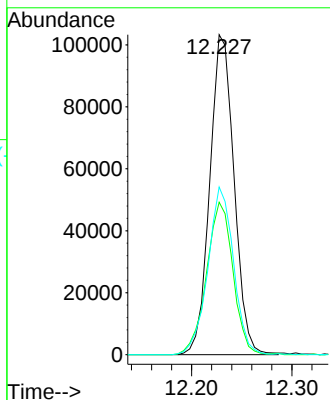
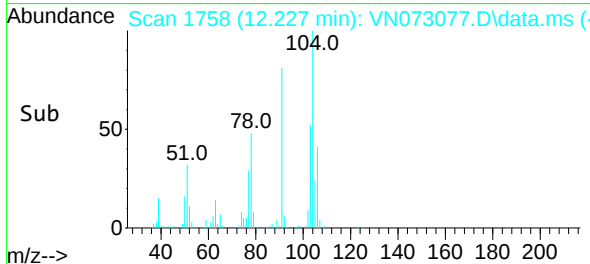
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



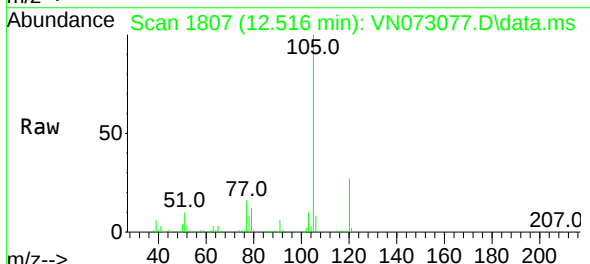
Tgt Ion:104 Resp: 174118
Ion Ratio Lower Upper
104 100
78 51.6 40.7 61.1
103 55.3 45.8 68.8

Manual Integrations
APPROVED

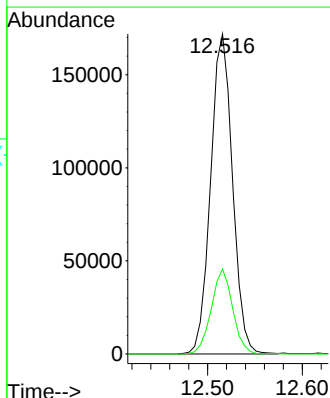
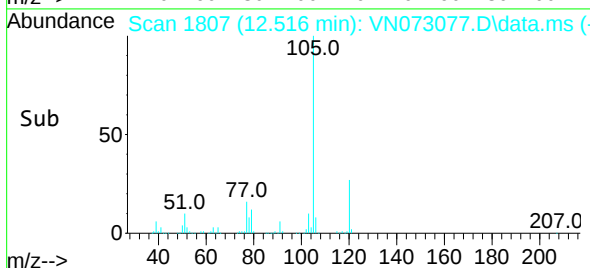
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

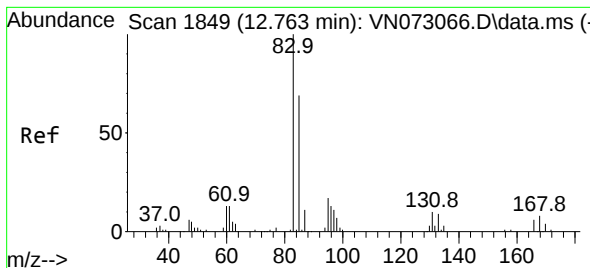


#70
Isopropylbenzene
Concen: 19.287 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



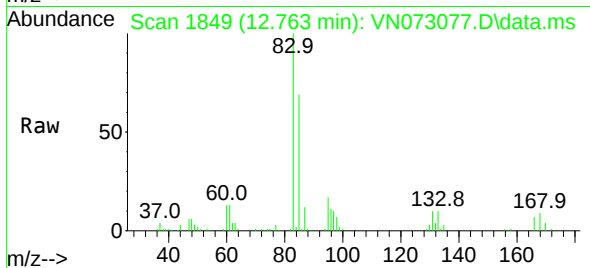
Tgt Ion:105 Resp: 276084
Ion Ratio Lower Upper
105 100
120 25.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.217 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

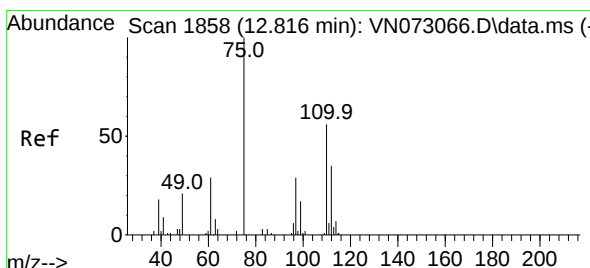
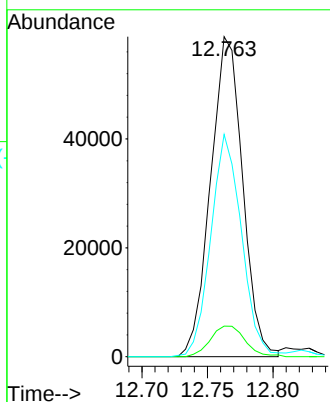
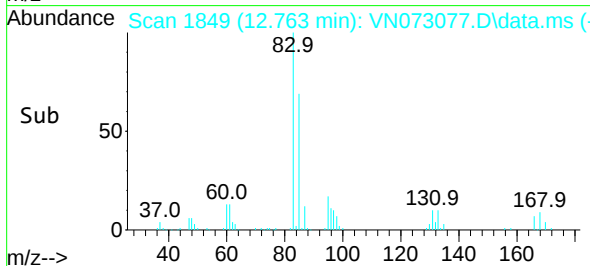
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion: 83 Resp: 9991
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 66.4 33.1 99.2

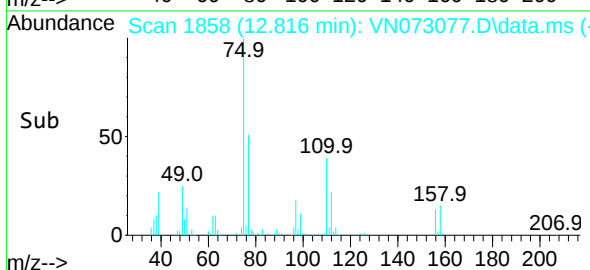
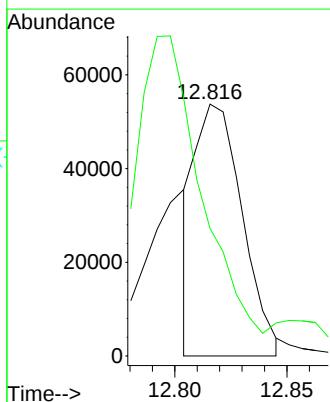
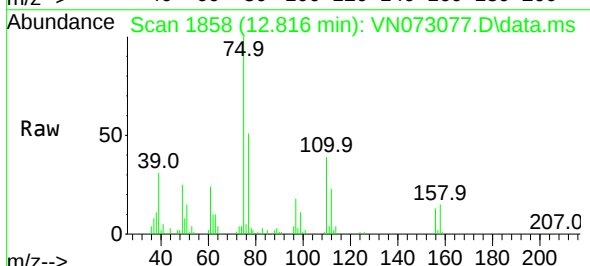
Manual Integrations
APPROVED

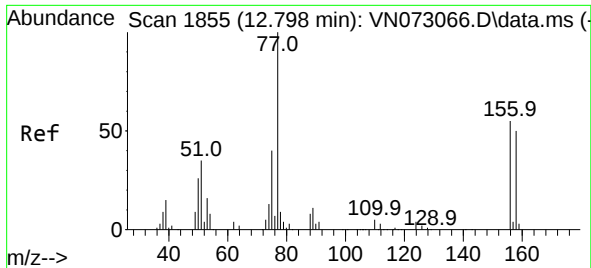
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
1,2,3-Trichloropropane
Concen: 20.849 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

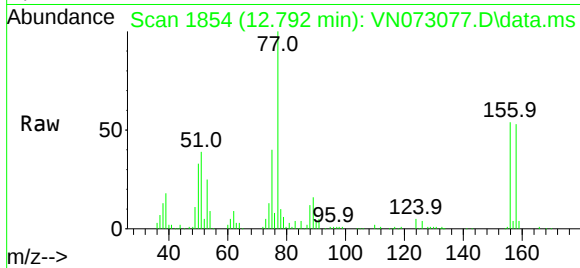
Tgt Ion: 75 Resp: 79008
Ion Ratio Lower Upper
75 100
77 185.2 0.0 378.0





#73
Bromobenzene
Concen: 19.369 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

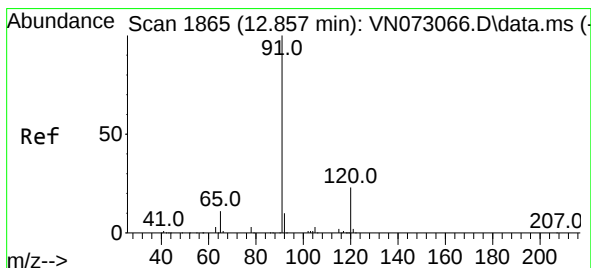
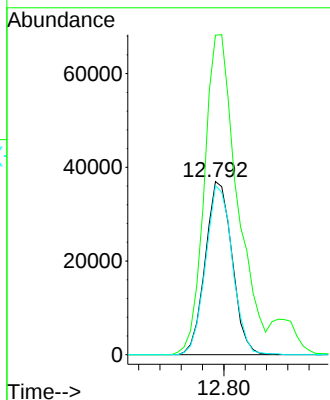
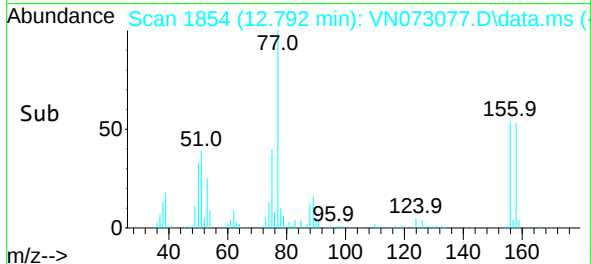
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



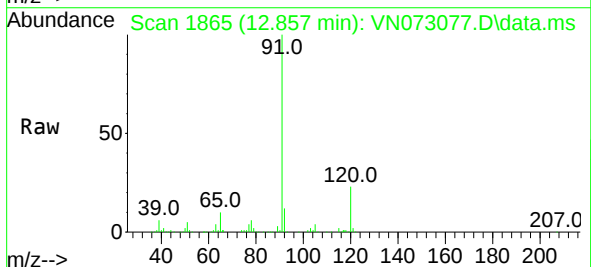
Tgt Ion:156 Resp: 6466
Ion Ratio Lower Upper
156 100
77 226.3 0.0 416.0
158 97.6 0.0 195.4

Manual Integrations
APPROVED

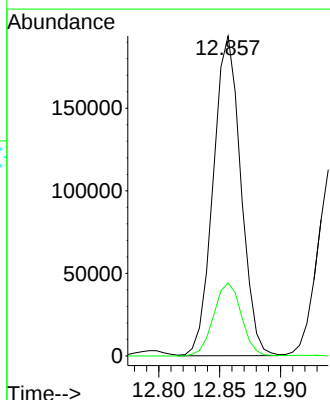
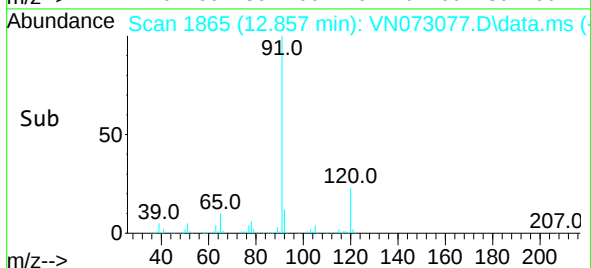
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

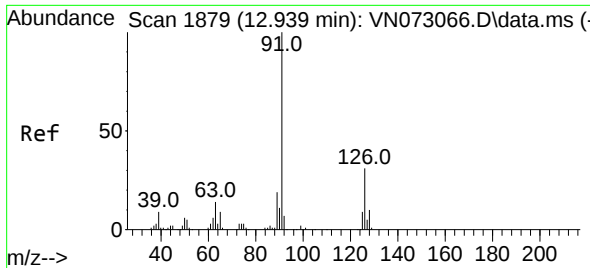


#74
n-propylbenzene
Concen: 18.887 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



Tgt Ion: 91 Resp: 306325
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0





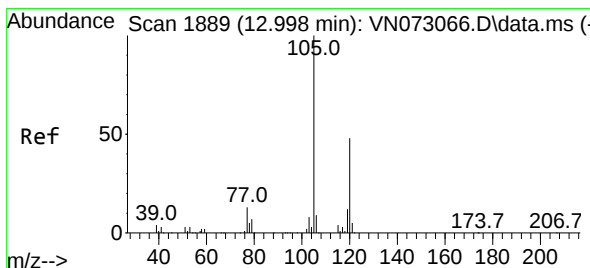
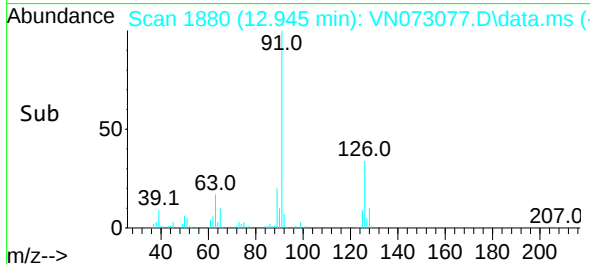
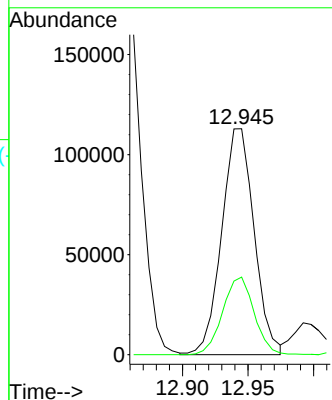
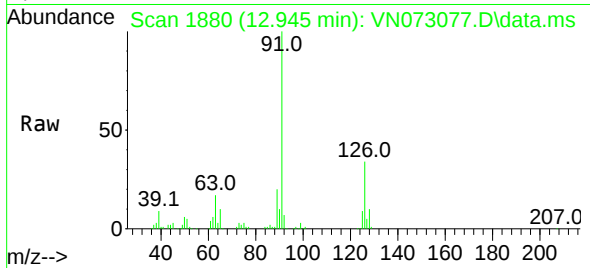
#75
2-Chlorotoluene
Concen: 19.182 ug/l
RT: 12.945 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 91 Resp: 194569
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.8

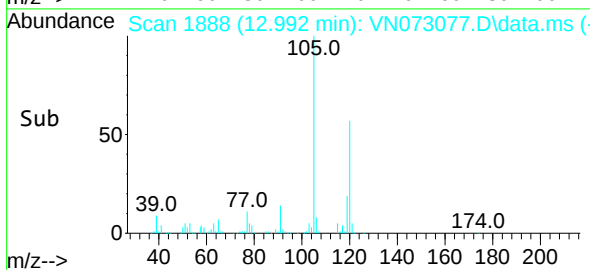
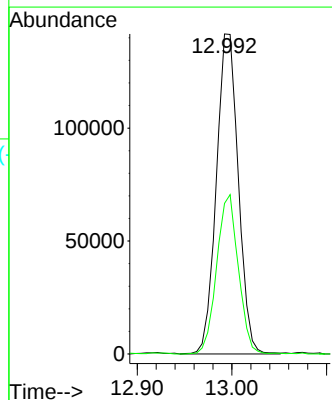
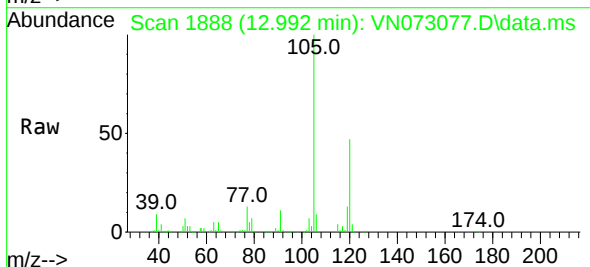
Manual Integrations
APPROVED

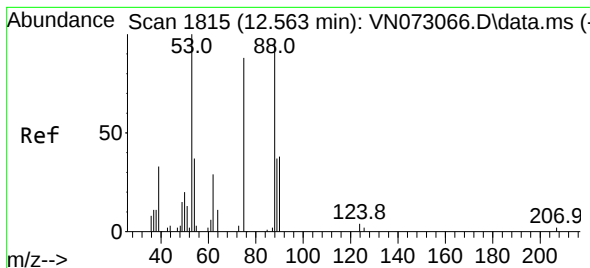
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.205 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

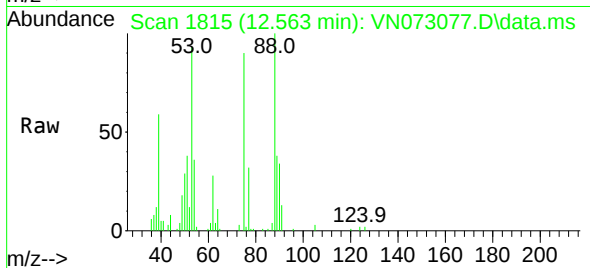
Tgt Ion:105 Resp: 228490
Ion Ratio Lower Upper
105 100
120 49.0 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 26.386 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

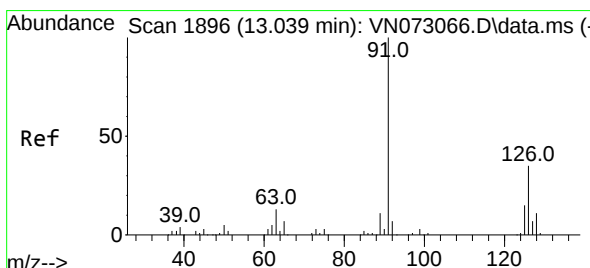
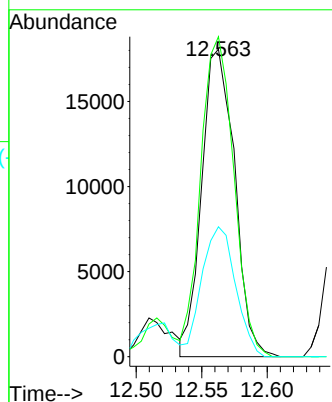
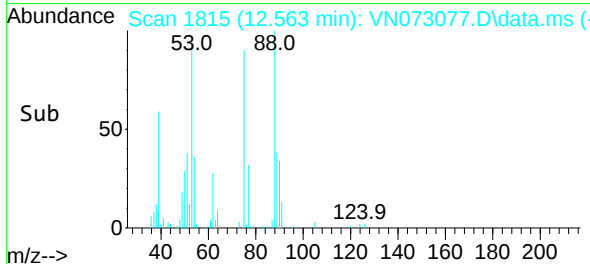
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



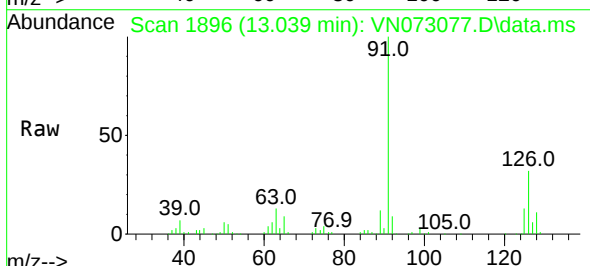
Tgt Ion: 75 Resp: 31538
Ion Ratio Lower Upper
75 100
53 104.1 51.8 155.5
89 42.3 22.9 68.7

Manual Integrations
APPROVED

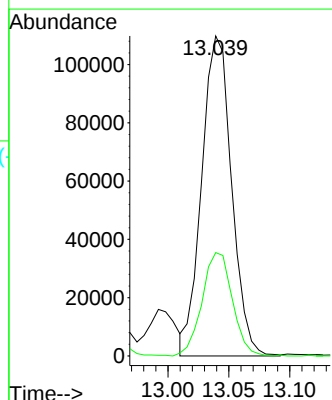
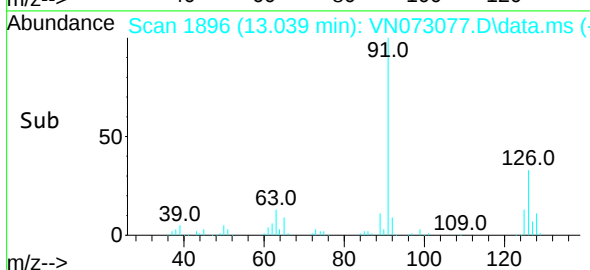
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

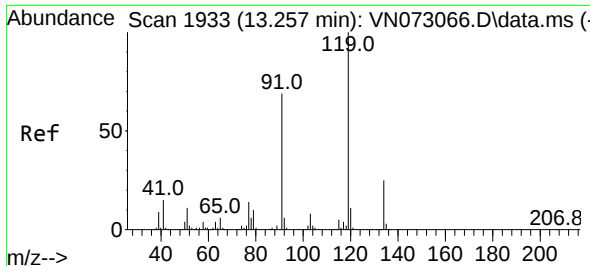


#78
4-Chlorotoluene
Concen: 19.187 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



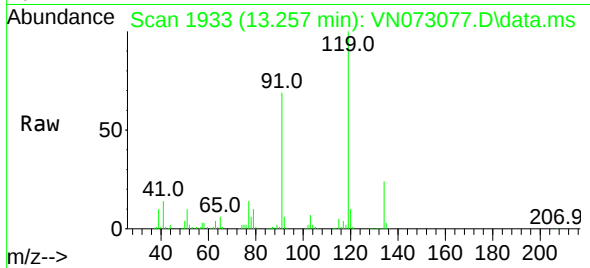
Tgt Ion: 91 Resp: 187227
Ion Ratio Lower Upper
91 100
126 32.6 0.0 70.6





#79
tert-butylbenzene
Concen: 18.603 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

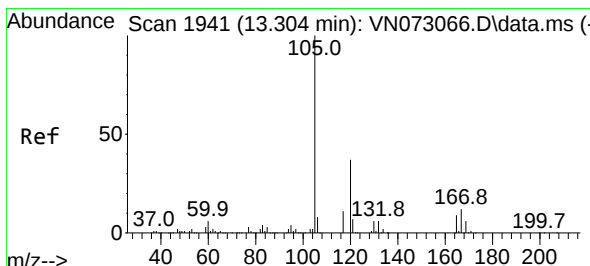
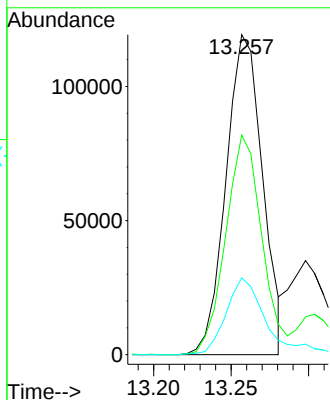
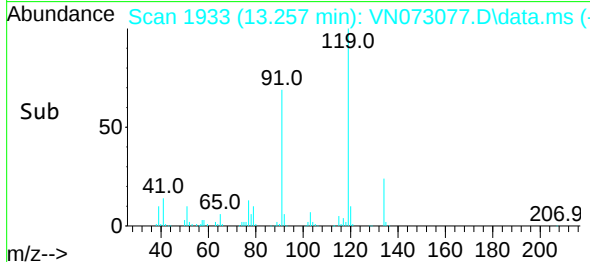
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



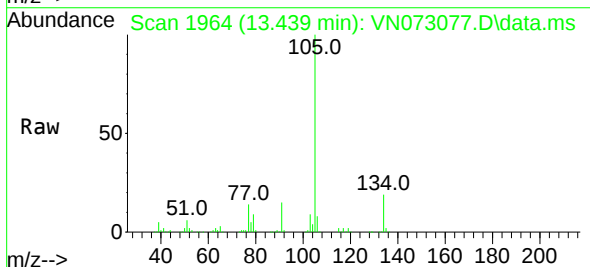
Tgt Ion:119 Resp: 195670
Ion Ratio Lower Upper
119 100
91 68.1 0.0 137.0
134 24.6 0.0 47.6

Manual Integrations
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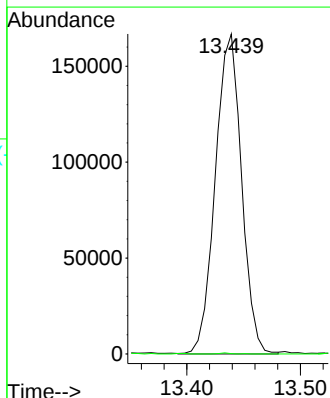
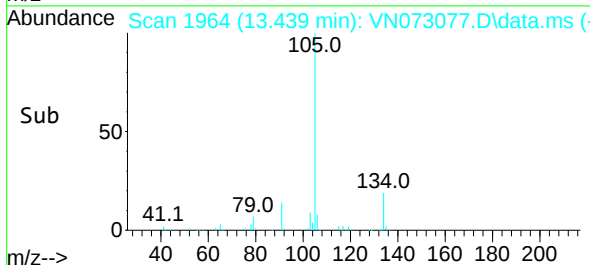
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

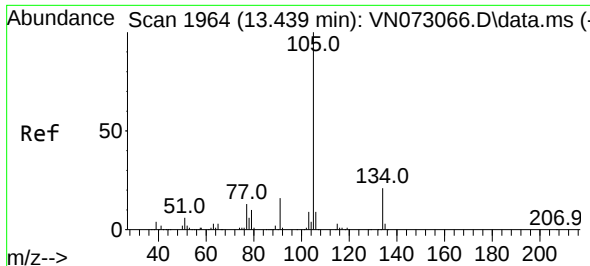


#80
1,2,4-Trimethylbenzene
Concen: 22.931 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. 0.135 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



Tgt Ion:105 Resp: 267672
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





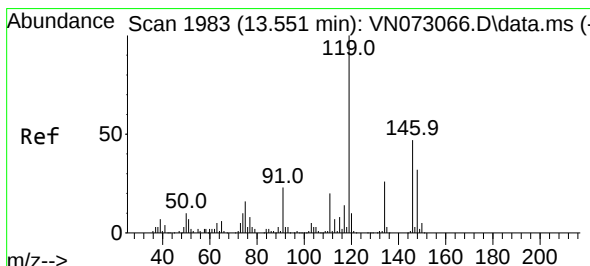
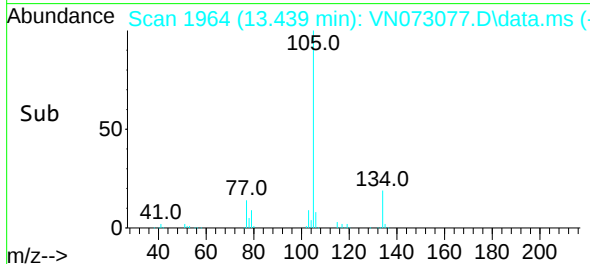
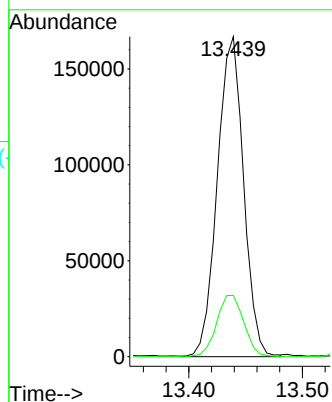
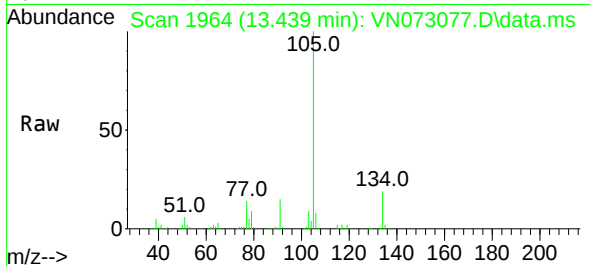
#81
 sec-Butylbenzene
 Concen: 18.878 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073077.D
 Acq: 24 Jun 2022 12:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0624WBS01

Tgt Ion:105 Resp: 267672
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4

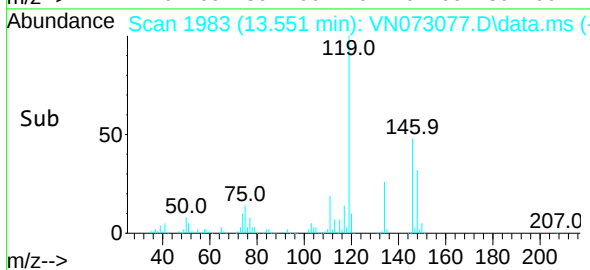
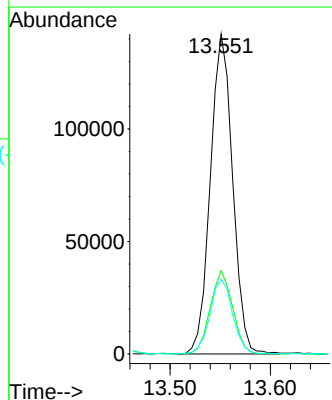
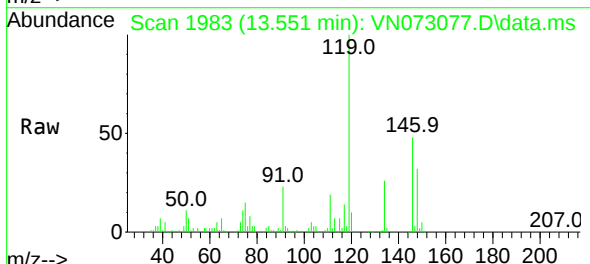
Manual Integrations
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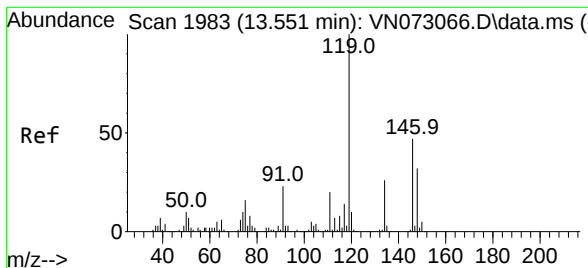
Reviewed By :John Carlone 06/25/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#82
 p-Isopropyltoluene
 Concen: 19.044 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073077.D
 Acq: 24 Jun 2022 12:11

Tgt Ion:119 Resp: 219302
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 23.9 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 19.584 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion:146 Resp: 11508

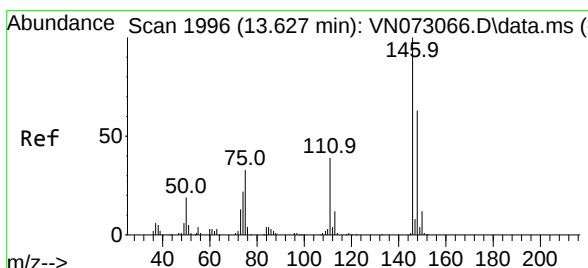
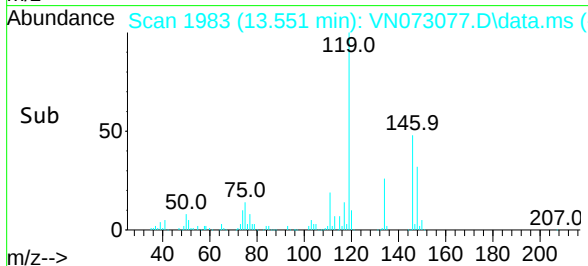
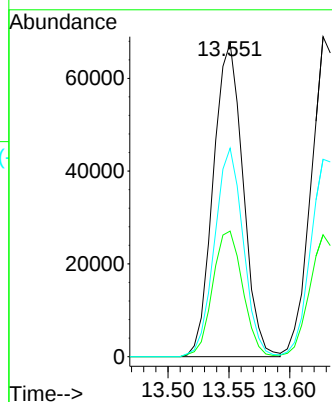
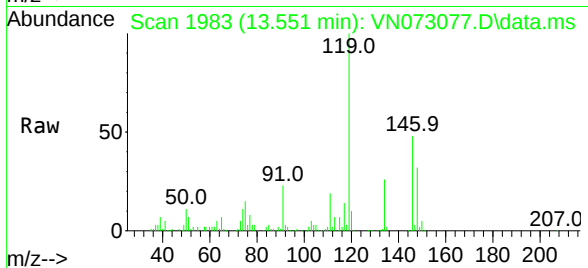
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.8	62.2
148	64.2	31.4	94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#84

1,4-Dichlorobenzene

Concen: 19.439 ug/l

RT: 13.627 min Scan# 1996

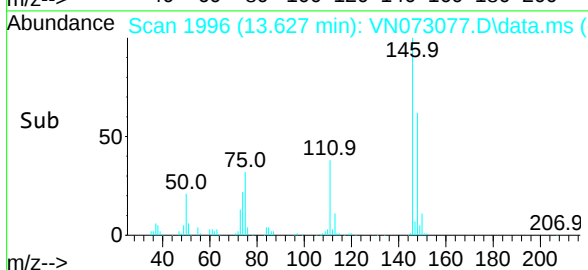
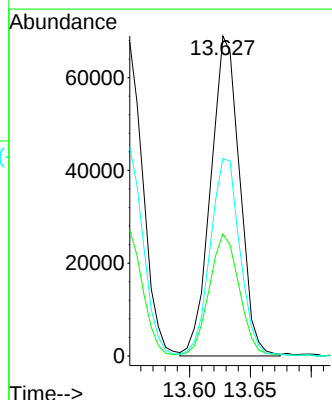
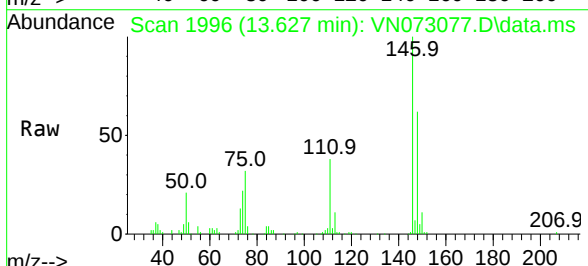
Delta R.T. 0.000 min

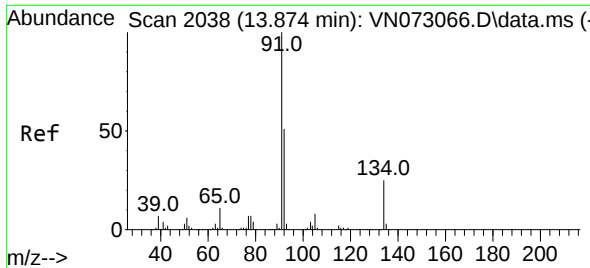
Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

Tgt Ion:146 Resp: 114155

Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	63.1	31.1	93.5





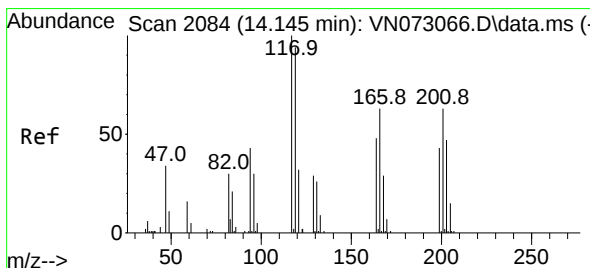
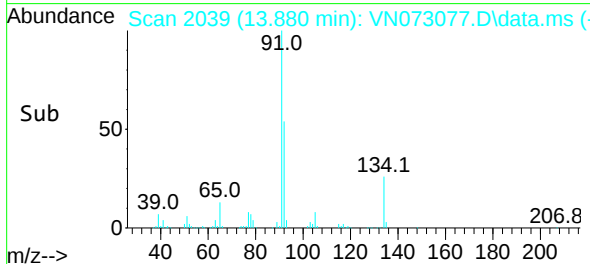
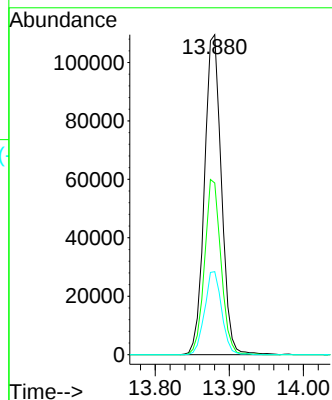
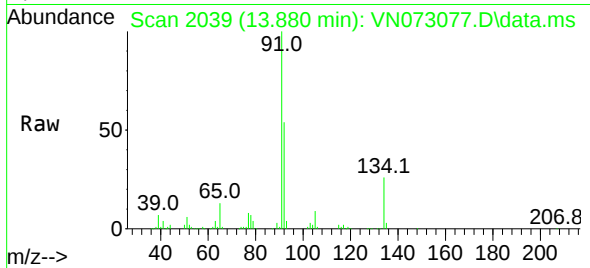
#85
n-Butylbenzene
Concen: 18.614 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01

Tgt Ion: 91 Resp: 17442
Ion Ratio Lower Upper
91 100
92 52.8 0.0 100.6
134 26.0 0.0 50.2

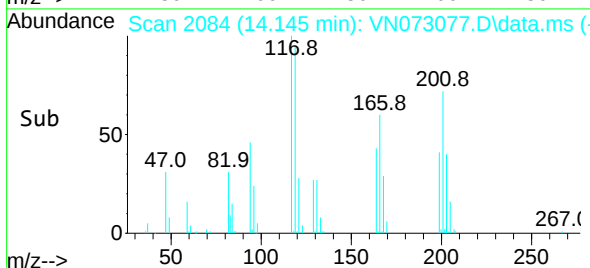
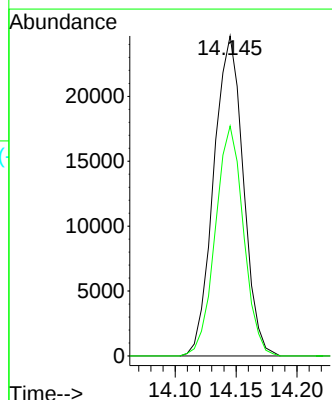
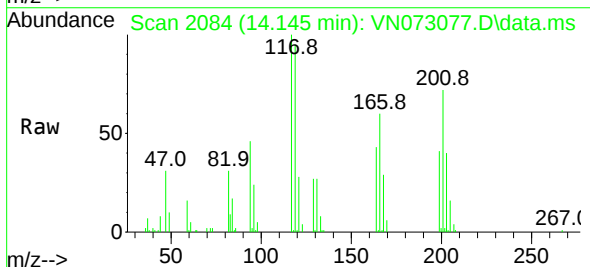
Manual Integrations
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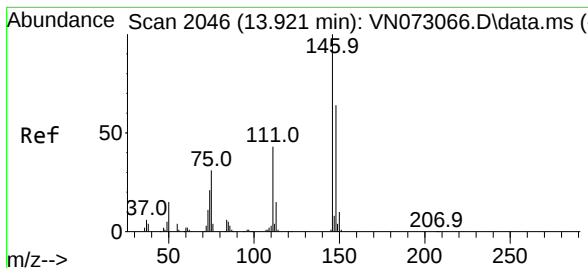
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#86
Hexachloroethane
Concen: 18.486 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Tgt Ion:117 Resp: 41680
Ion Ratio Lower Upper
117 100
201 68.5 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 19.945 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. 0.000 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

Instrument :

MSVOA_N

ClientSampleId :

VN0624WBS01

Tgt Ion:146 Resp: 12263

Ion Ratio Lower Upper

146 100

111 42.9 21.4 64.2

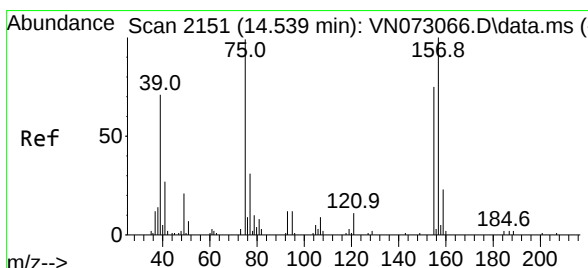
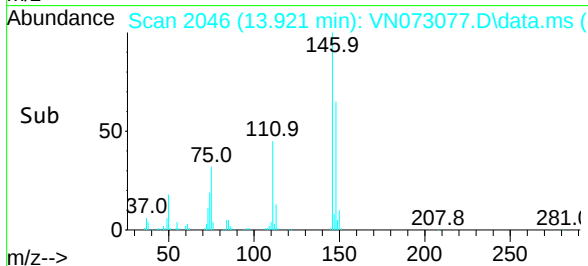
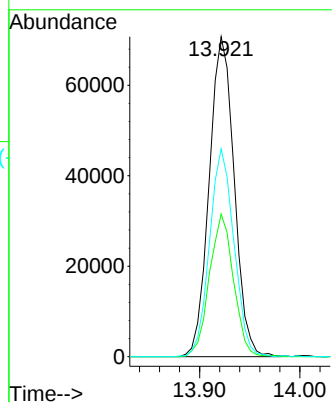
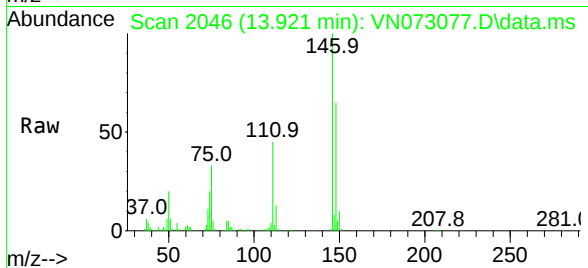
148 63.5 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2022

Supervised By :Mahesh Dadoda 06/28/2022



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.396 ug/l

RT: 14.533 min Scan# 2150

Delta R.T. -0.006 min

Lab File: VN073077.D

Acq: 24 Jun 2022 12:11

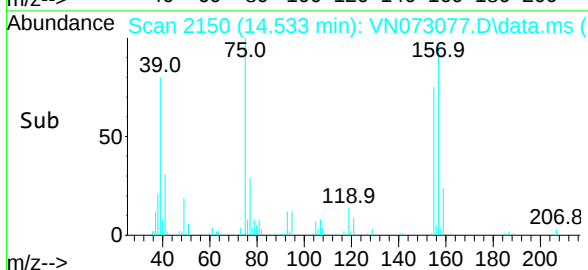
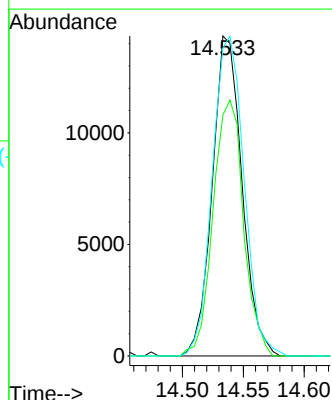
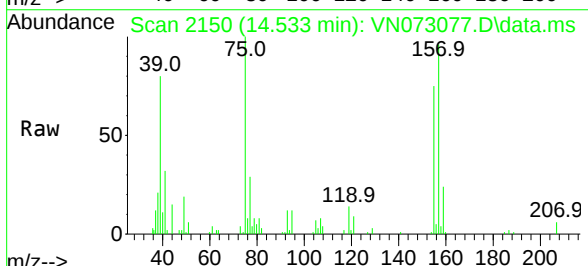
Tgt Ion: 75 Resp: 24424

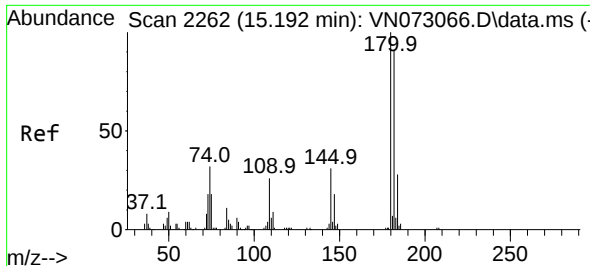
Ion Ratio Lower Upper

75 100

155 81.6 63.8 95.8

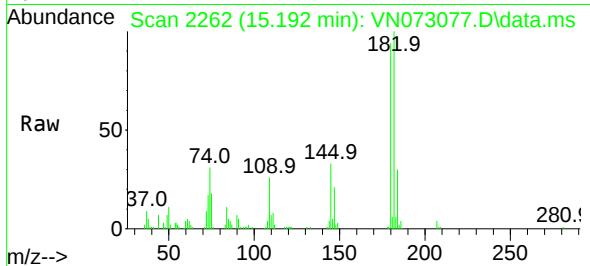
157 106.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 18.571 ug/l
RT: 15.192 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

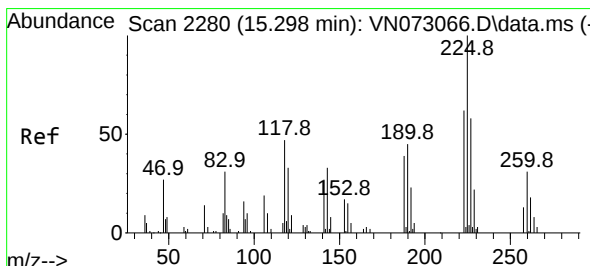
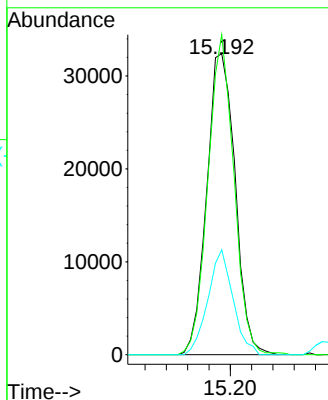
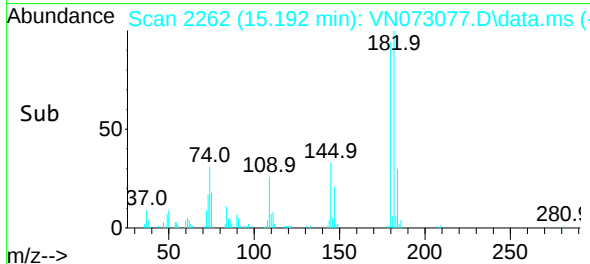
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



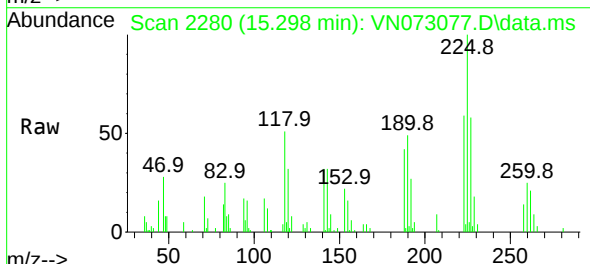
Tgt Ion:180 Resp: 59994
Ion Ratio Lower Upper
180 100
182 96.7 77.7 116.5
145 30.7 26.6 39.8

Manual Integrations
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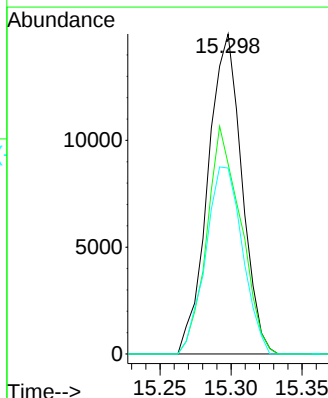
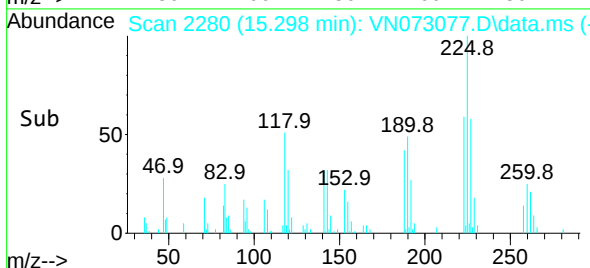
Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022

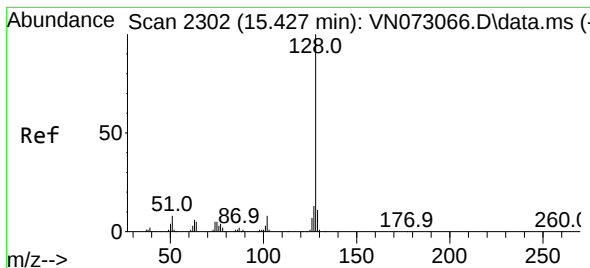


#90
Hexachlorobutadiene
Concen: 19.117 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11



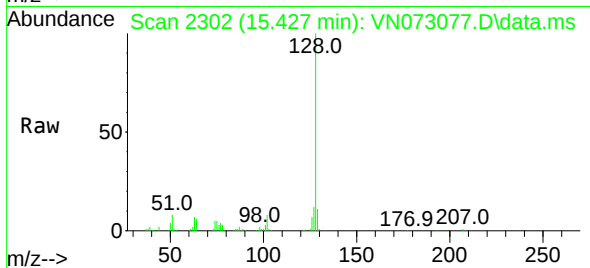
Tgt Ion:225 Resp: 24898
Ion Ratio Lower Upper
225 100
223 71.0 0.0 126.8
227 63.4 0.0 123.0





#91
Naphthalene
Concen: 19.255 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

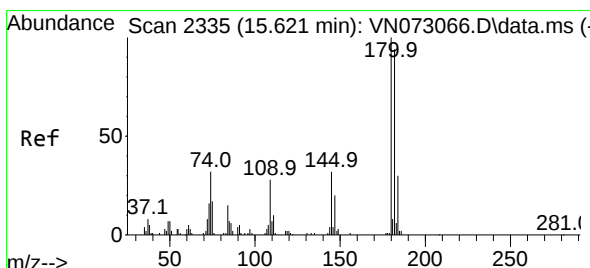
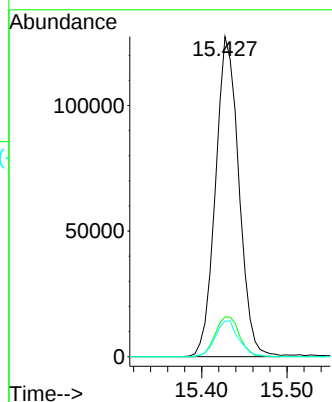
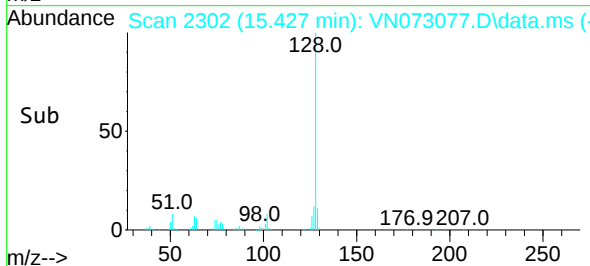
Instrument :
MSVOA_N
ClientSampleId :
VN0624WBS01



Tgt Ion:128 Resp: 242725
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 11.3 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2022
Supervised By :Mahesh Dadoda 06/28/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.427 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073077.D
Acq: 24 Jun 2022 12:11

Tgt Ion:180 Resp: 63853
Ion Ratio Lower Upper
180 100
182 93.7 0.0 190.0
145 33.6 0.0 67.8

