

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072882.D
 Acq On : 16 Jun 2022 11:52
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 17 05:34:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 05:32:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	281003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	448628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	447390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	212332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	106740	20.560	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	41.120%#		
35) Dibromofluoromethane	7.951	113	84834	20.817	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	41.640%#		
50) Toluene-d8	10.375	98	325617	20.413	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	40.820%#		
62) 4-Bromofluorobenzene	12.669	95	109051	19.708	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	39.420%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	80245	20.490	ug/l	99
3) Chloromethane	2.275	50	85187	18.964	ug/l	98
4) Vinyl Chloride	2.410	62	68411	19.850	ug/l	100
5) Bromomethane	2.810	94	31471	23.368	ug/l	97
6) Chloroethane	2.975	64	39045	19.270	ug/l	96
7) Trichlorofluoromethane	3.316	101	128655	19.670	ug/l	95
8) Diethyl Ether	3.769	74	55880	20.278	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.146	101	72086	19.483	ug/l	97
10) Methyl Iodide	4.357	142	93219	19.933	ug/l	99
11) Tert butyl alcohol	5.293	59	127458	94.292	ug/l	100
12) 1,1-Dichloroethene	4.116	96	75048	19.151	ug/l	89
13) Acrolein	3.987	56	38982	91.405	ug/l	97
14) Allyl chloride	4.763	41	149280	18.793	ug/l	96
15) Acrylonitrile	5.475	53	294924	100.541	ug/l	99
16) Acetone	4.228	43	253848	96.872	ug/l	96
17) Carbon Disulfide	4.457	76	201500	18.999	ug/l	99
18) Methyl Acetate	4.787	43	136870	18.322	ug/l	94
19) Methyl tert-butyl Ether	5.540	73	282385	19.696	ug/l	94
20) Methylene Chloride	5.016	84	90285	19.263	ug/l	92
21) trans-1,2-Dichloroethene	5.516	96	80339	19.377	ug/l	99
22) Diisopropyl ether	6.410	45	291003	19.816	ug/l	93
23) Vinyl Acetate	6.351	43	1336670	100.145	ug/l	96
24) 1,1-Dichloroethane	6.304	63	153242	19.931	ug/l	99
25) 2-Butanone	7.263	43	409501	98.117	ug/l	92
26) 2,2-Dichloropropane	7.245	77	133839	19.270	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	97938	19.487	ug/l	100
28) Bromochloromethane	7.587	49	64200	19.487	ug/l	93
29) Tetrahydrofuran	7.616	42	279031	100.846	ug/l	91
30) Chloroform	7.745	83	157406	19.839	ug/l	95
31) Cyclohexane	8.022	56	135534	19.472	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	138866	19.765	ug/l	98
36) 1,1-Dichloropropene	8.145	75	111110	19.964	ug/l	99
37) Ethyl Acetate	7.340	43	161621	20.066	ug/l	98
38) Carbon Tetrachloride	8.134	117	116100	19.376	ug/l	99
39) Methylcyclohexane	9.392	83	134527	19.475	ug/l	97
40) Benzene	8.392	78	354597	19.997	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	79477	18.954	ug/l	89
42) 1,2-Dichloroethane	8.463	62	128115	20.037	ug/l	100
43) Isopropyl Acetate	8.492	43	250997	20.022	ug/l	95
44) Trichloroethene	9.145	130	93218	19.662	ug/l	98
45) 1,2-Dichloropropane	9.422	63	89526	20.008	ug/l	99
46) Dibromomethane	9.510	93	62569	20.150	ug/l	97
47) Bromodichloromethane	9.692	83	126148	20.056	ug/l	99
48) Methyl methacrylate	9.492	41	113830	19.880	ug/l	93
49) 1,4-Dioxane	9.504	88	46907	386.737	ug/l #	94
51) 4-Methyl-2-Pentanone	10.269	43	809849	99.865	ug/l	92
52) Toluene	10.439	92	223463	19.473	ug/l	100
53) t-1,3-Dichloropropene	10.651	75	138817	19.371	ug/l	94
54) cis-1,3-Dichloropropene	10.122	75	150302	20.201	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	93632	20.210	ug/l	98
56) Ethyl methacrylate	10.698	69	157541	20.024	ug/l	89
57) 1,3-Dichloropropane	10.980	76	156296	19.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	264875	95.242	ug/l	99
59) 2-Hexanone	11.022	43	597624	99.245	ug/l	91
60) Dibromochloromethane	11.175	129	98141	19.744	ug/l	100
61) 1,2-Dibromoethane	11.280	107	99038	19.642	ug/l	99
64) Tetrachloroethene	10.910	164	83707	19.487	ug/l	94
65) Chlorobenzene	11.704	112	231911	19.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.775	131	93615	20.541	ug/l	98
67) Ethyl Benzene	11.780	91	408215	19.604	ug/l	99
68) m/p-Xylenes	11.886	106	311835	38.983	ug/l	98
69) o-Xylene	12.216	106	160896	19.604	ug/l	100
70) Styrene	12.227	104	245862	19.354	ug/l	99
71) Bromoform	12.392	173	72125	19.586	ug/l #	100
73) Isopropylbenzene	12.516	105	397346	19.623	ug/l	100
74) N-amyl acetate	12.327	43	172749	19.936	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.763	83	135567	20.476	ug/l	98
76) 1,2,3-Trichloropropane	12.816	75	122334m	19.326	ug/l	
77) Bromobenzene	12.792	156	94115	19.888	ug/l	96
78) n-propylbenzene	12.857	91	416695	19.732	ug/l	100
79) 2-Chlorotoluene	12.939	91	266763	19.380	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	321100	19.788	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	43793	19.733	ug/l	98
82) 4-Chlorotoluene	13.039	91	245738	19.371	ug/l	99
83) tert-Butylbenzene	13.257	119	279639	19.253	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	309575	19.844	ug/l	98
85) sec-Butylbenzene	13.433	105	373946	19.859	ug/l	100
86) p-Isopropyltoluene	13.551	119	303387	19.962	ug/l	99
87) 1,3-Dichlorobenzene	13.545	146	151028	19.592	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	146288	18.847	ug/l	98
89) n-Butylbenzene	13.874	91	228728	19.580	ug/l	99
90) Hexachloroethane	14.145	117	61830	18.817	ug/l	93
91) 1,2-Dichlorobenzene	13.921	146	153037	19.629	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	31102	19.355	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	77412	19.869	ug/l	99
94) Hexachlorobutadiene	15.292	225	37245	19.313	ug/l	99
95) Naphthalene	15.427	128	275898	20.509	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	80202	20.730	ug/l	98

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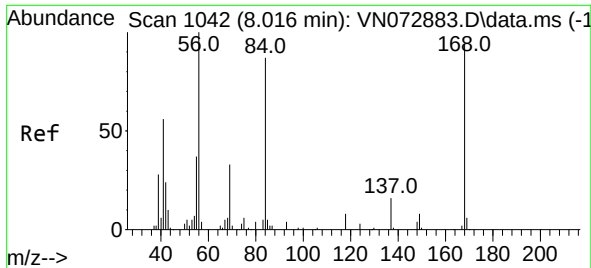
Manual Integrations
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Response via : Initial Calibration

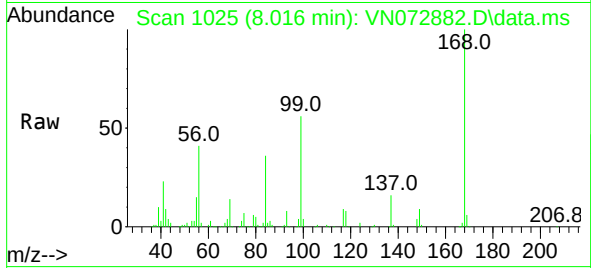
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
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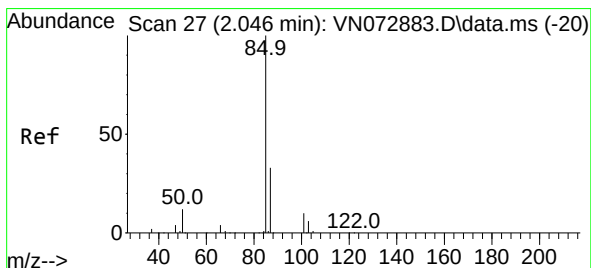
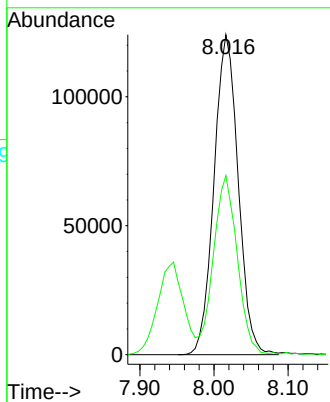
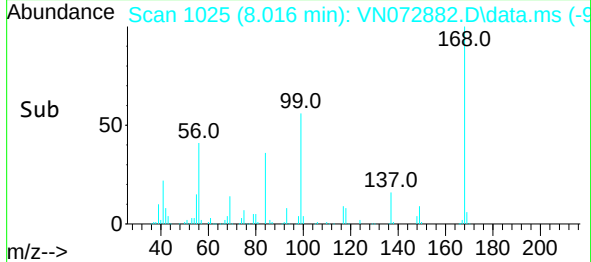
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:168 Resp: 28100
Ion Ratio Lower Upper
168 100
99 55.7 42.3 63.5

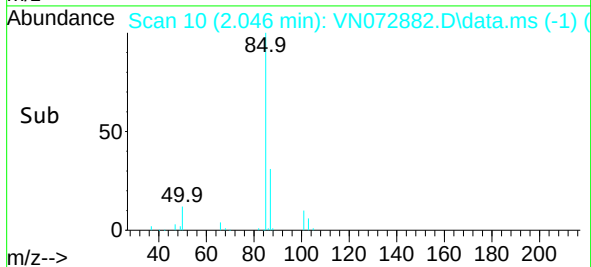
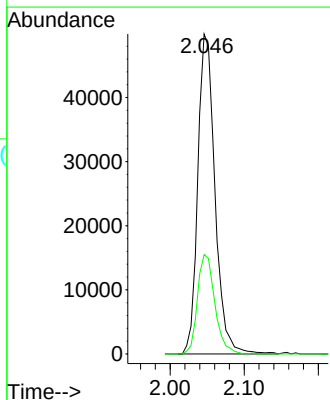
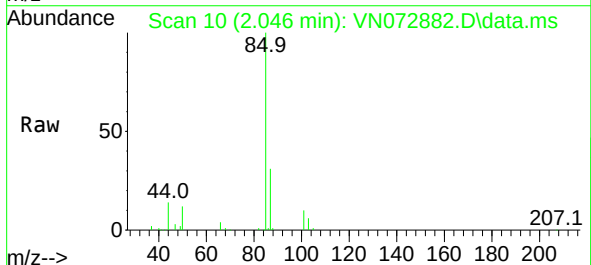
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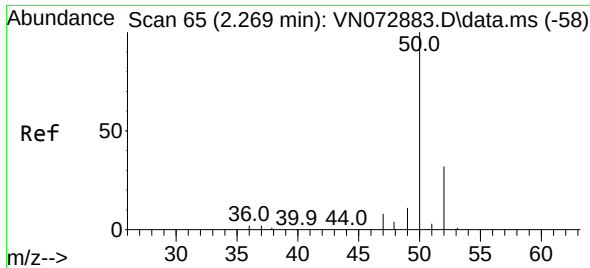
Reviewed By :John Carlone 06/20/2022
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#2
Dichlorodifluoromethane
Concen: 20.490 ug/l
RT: 2.046 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Tgt Ion: 85 Resp: 80245
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.1





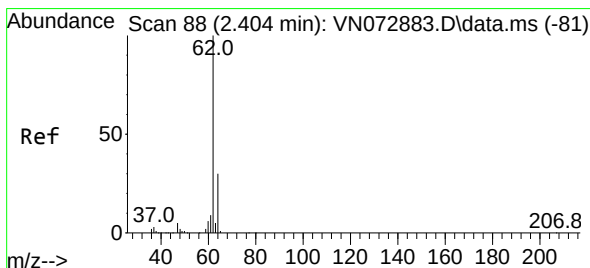
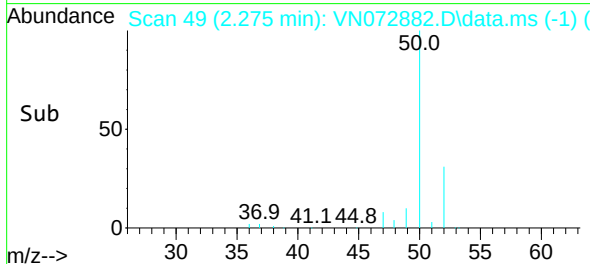
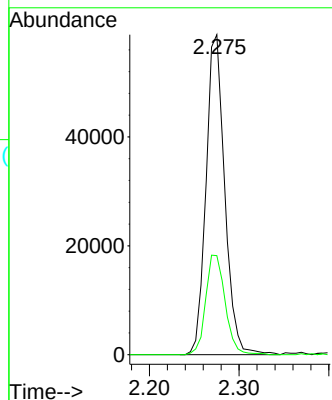
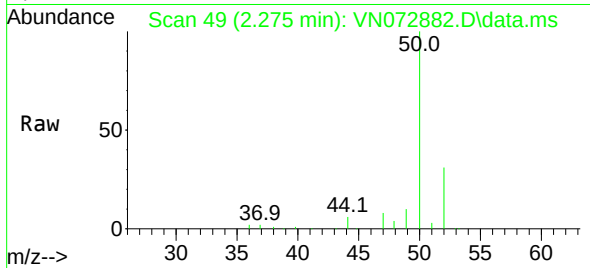
#3
Chloromethane
Concen: 18.964 ug/l
RT: 2.275 min Scan# 49
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

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Tgt Ion: 50 Resp: 8518
Ion Ratio Lower Upper
50 100
52 31.0 25.7 38.5

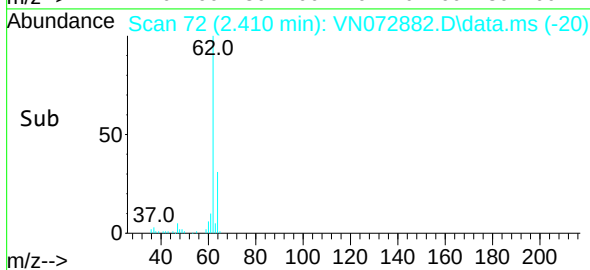
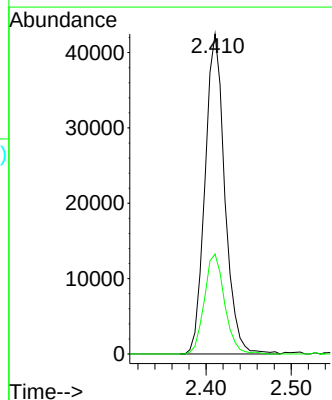
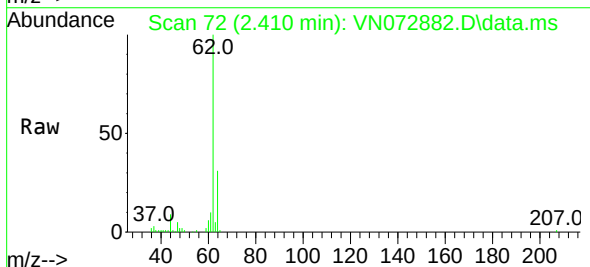
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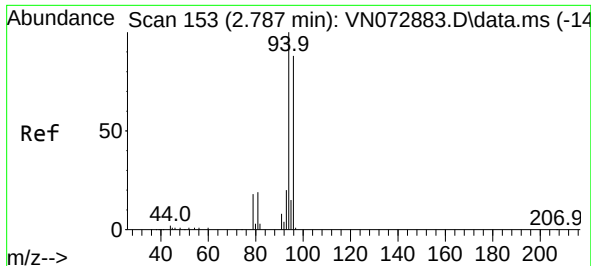
Reviewed By :John Carlone 06/20/2022
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#4
Vinyl Chloride
Concen: 19.850 ug/l
RT: 2.410 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN072882.D
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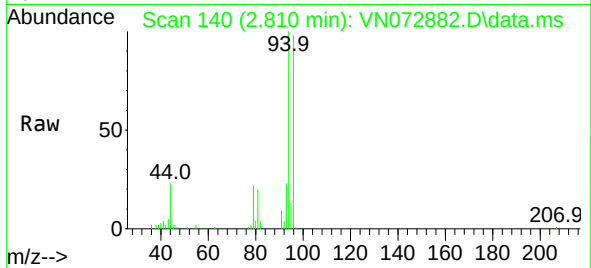
Tgt Ion: 62 Resp: 68411
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 23.368 ug/l
RT: 2.810 min Scan# 14
Delta R.T. 0.024 min
Lab File: VN072882.D
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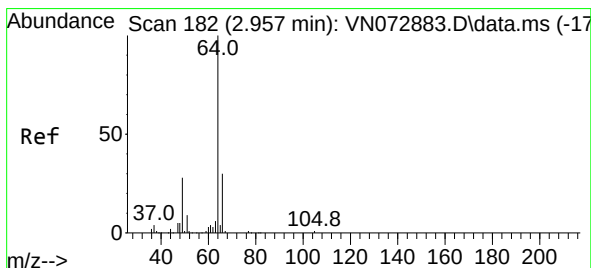
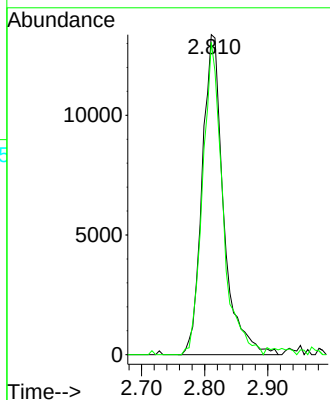
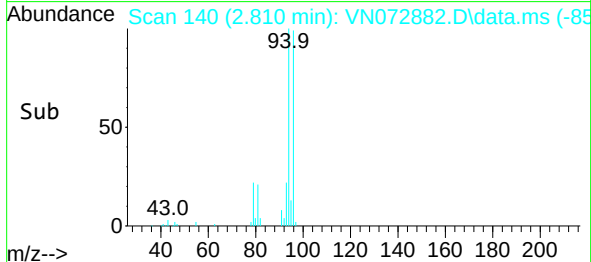
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 3147
Ion Ratio Lower Upper
94 100
96 97.6 76.0 114.0

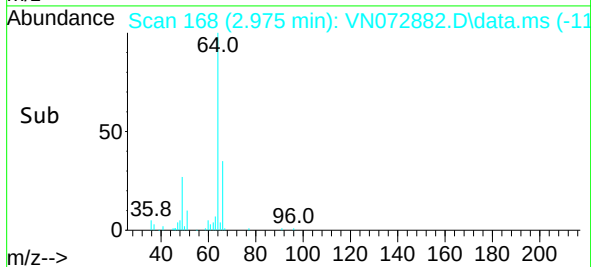
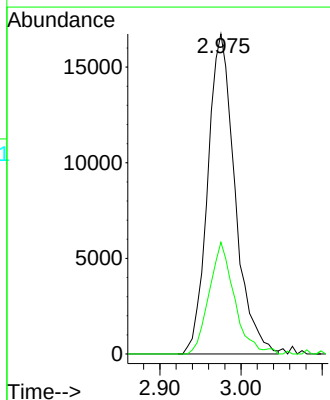
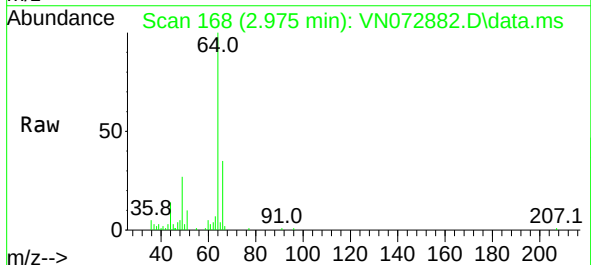
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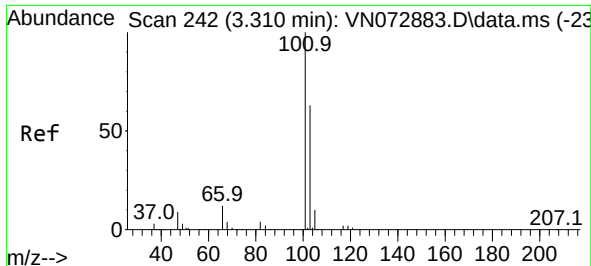
Reviewed By :John Carlone 06/20/2022
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#6
Chloroethane
Concen: 19.270 ug/l
RT: 2.975 min Scan# 168
Delta R.T. 0.018 min
Lab File: VN072882.D
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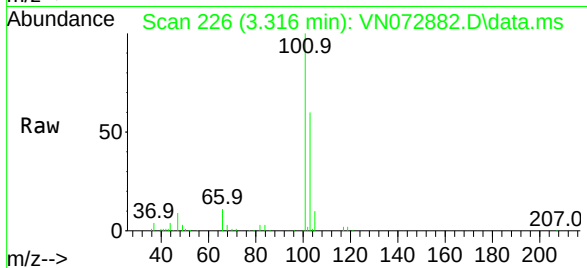
Tgt Ion: 64 Resp: 39045
Ion Ratio Lower Upper
64 100
66 34.9 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 19.670 ug/l
 RT: 3.316 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072882.D
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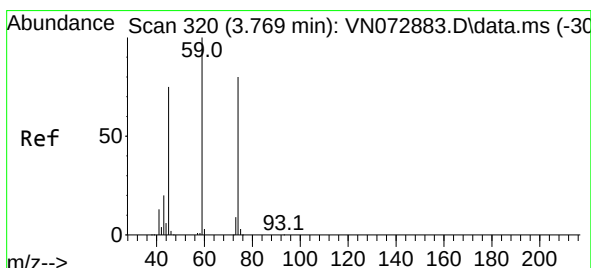
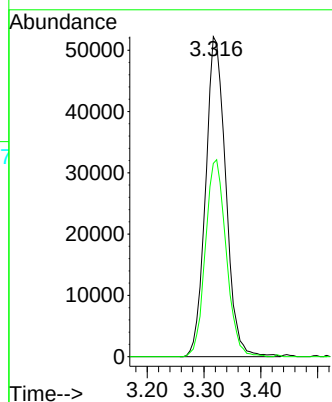
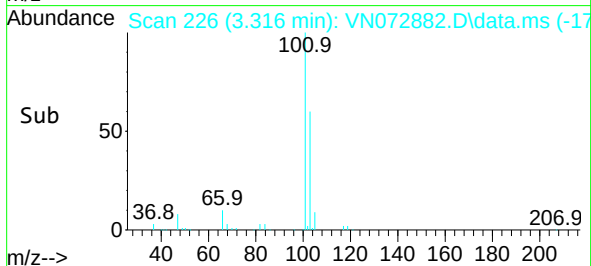
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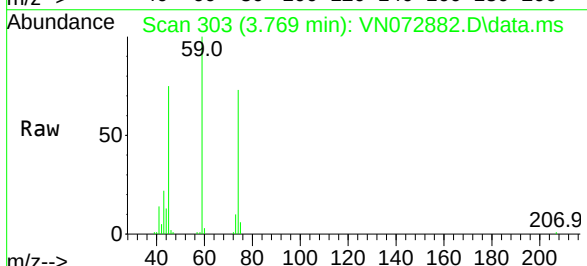
Tgt Ion:101 Resp: 12865
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.5 77.3

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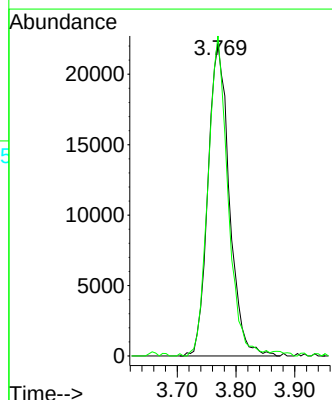
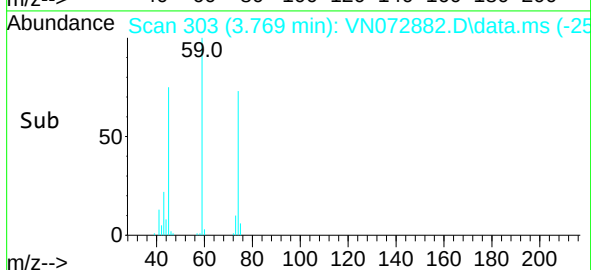
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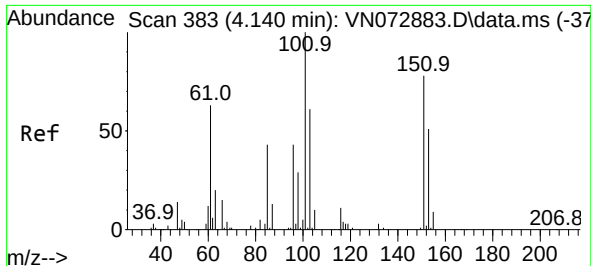


#8
 Diethyl Ether
 Concen: 20.278 ug/l
 RT: 3.769 min Scan# 303
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 55880
 Ion Ratio Lower Upper
 74 100
 45 95.4 42.9 128.5





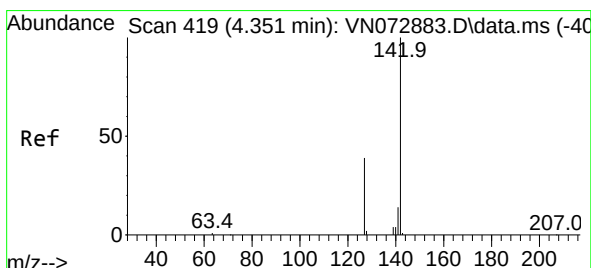
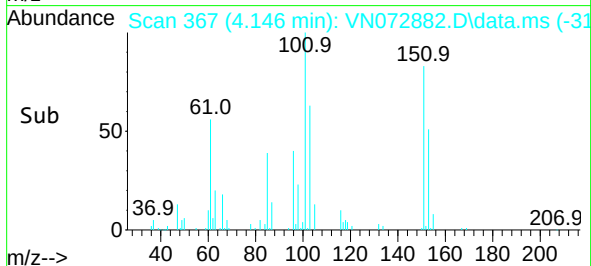
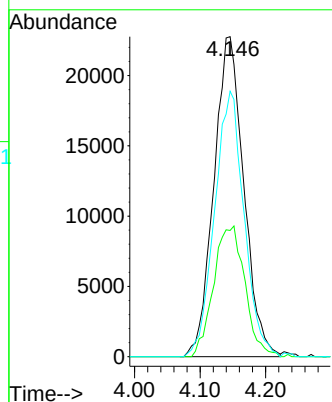
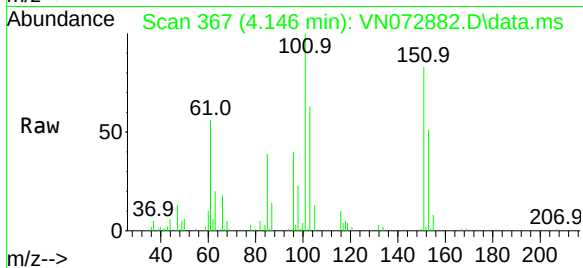
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.483 ug/l
RT: 4.146 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 72086
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 81.7 63.0 94.4

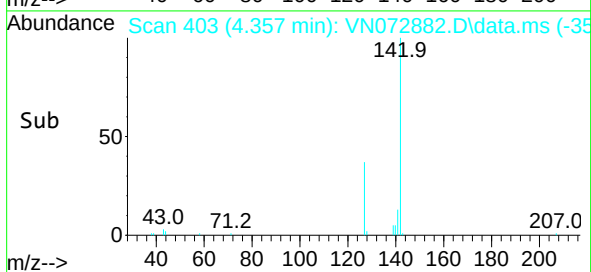
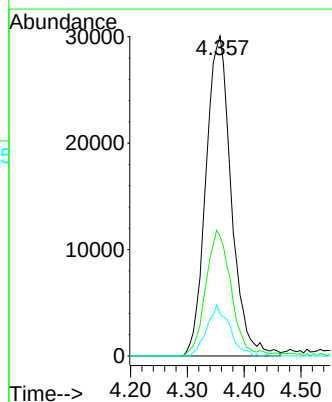
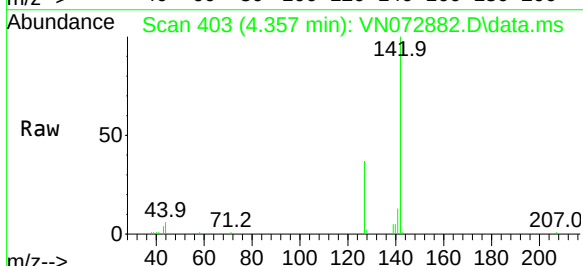
Manual Integrations
APPROVED

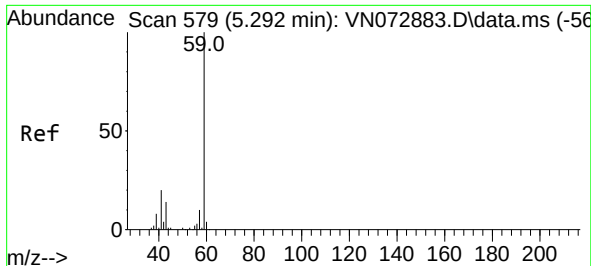
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#10
Methyl Iodide
Concen: 19.933 ug/l
RT: 4.357 min Scan# 403
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

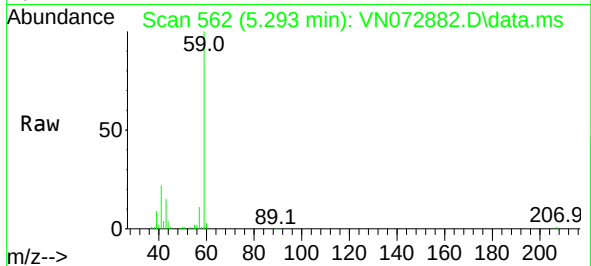
Tgt Ion:142 Resp: 93219
Ion Ratio Lower Upper
142 100
127 38.6 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 94.292 ug/l
RT: 5.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

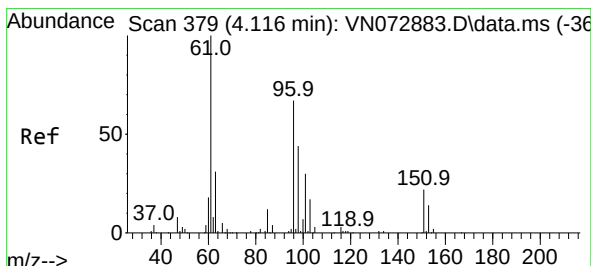
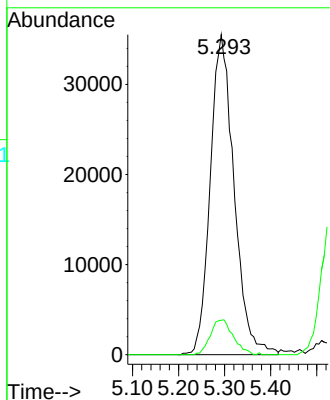
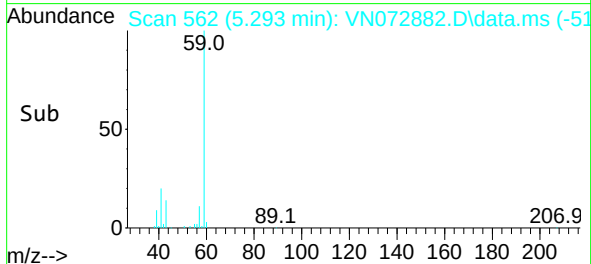
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



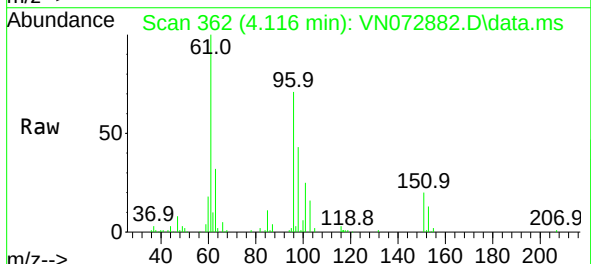
Tgt Ion: 59 Resp: 127458
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

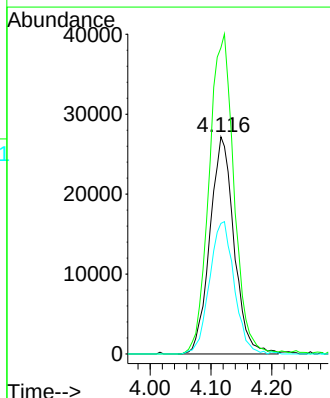
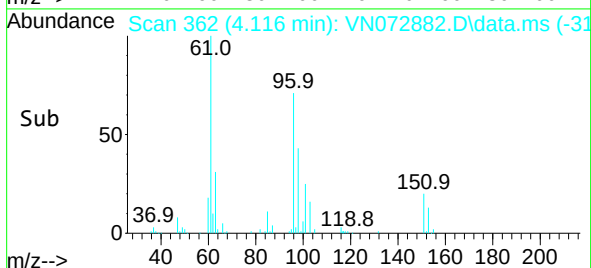
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

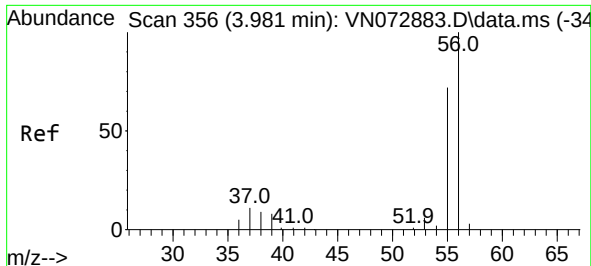


#12
1,1-Dichloroethene
Concen: 19.151 ug/l
RT: 4.116 min Scan# 362
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



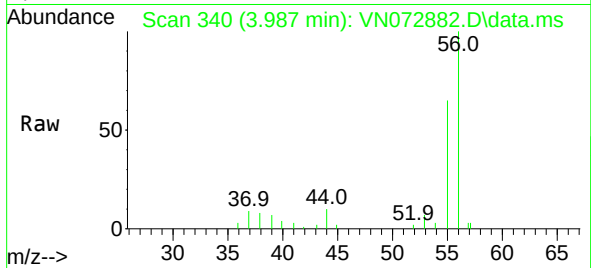
Tgt Ion: 96 Resp: 75048
Ion Ratio Lower Upper
96 100
61 141.0 127.6 191.4
98 60.1 51.2 76.8





#13
Acrolein
Concen: 91.405 ug/l
RT: 3.987 min Scan# 34
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

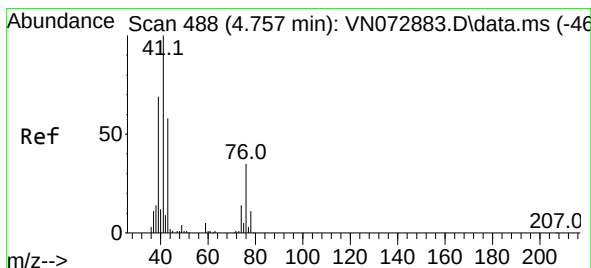
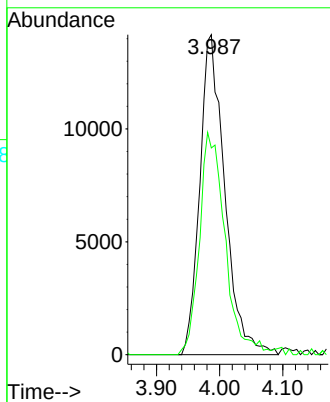
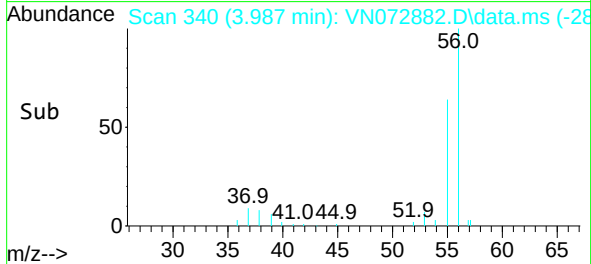
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



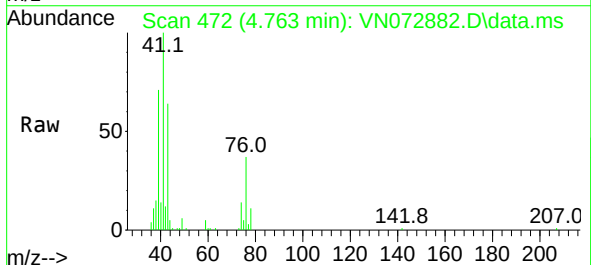
Tgt Ion: 56 Resp: 3898
Ion Ratio Lower Upper
56 100
55 71.2 54.8 82.2

Manual Integrations
APPROVED

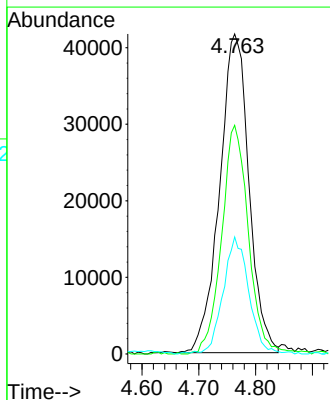
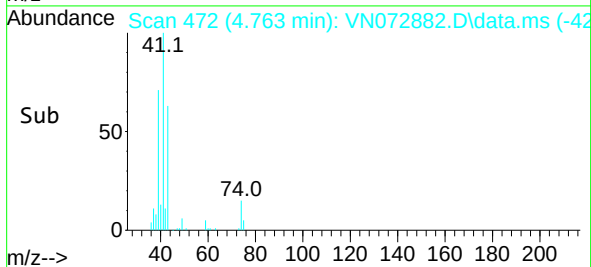
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

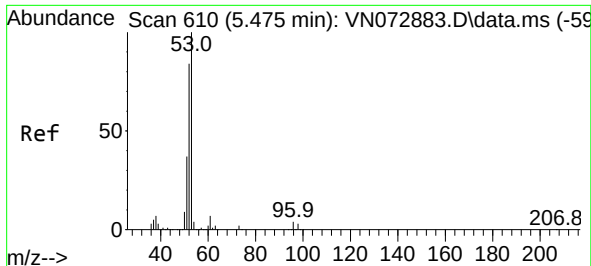


#14
Allyl chloride
Concen: 18.793 ug/l
RT: 4.763 min Scan# 472
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



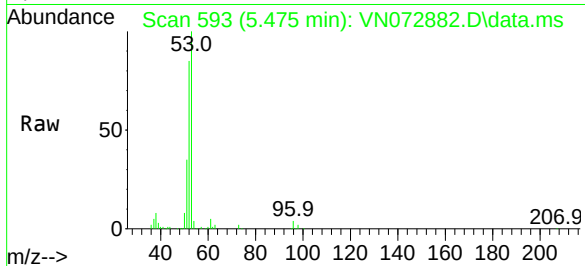
Tgt Ion: 41 Resp: 149280
Ion Ratio Lower Upper
41 100
39 65.7 53.2 79.8
76 32.1 29.9 44.9





#15
Acrylonitrile
Concen: 100.541 ug/l
RT: 5.475 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

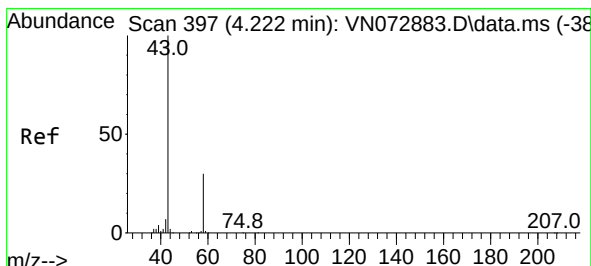
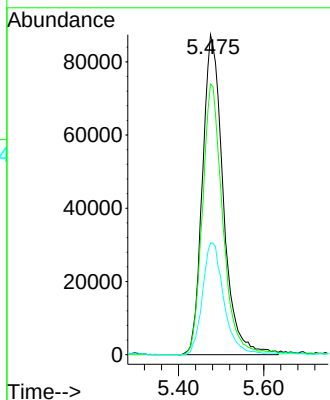
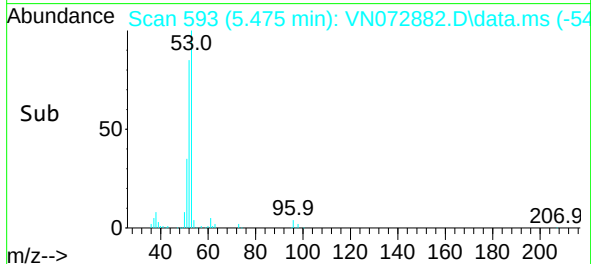
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



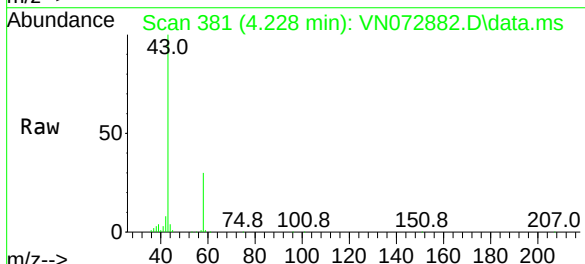
Tgt Ion: 53 Resp: 294924
Ion Ratio Lower Upper
53 100
52 82.3 66.4 99.6
51 36.0 28.5 42.7

Manual Integrations
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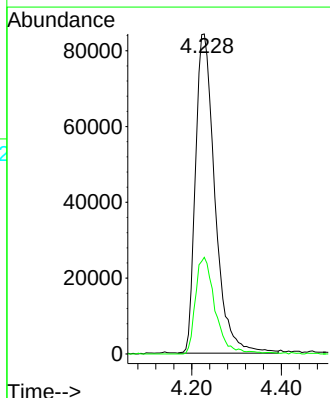
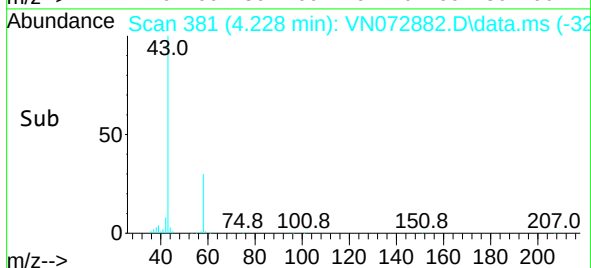
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

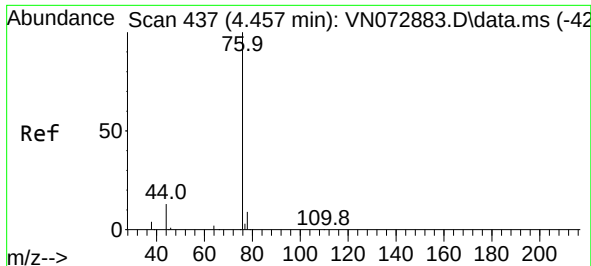


#16
Acetone
Concen: 96.872 ug/l
RT: 4.228 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



Tgt Ion: 43 Resp: 253848
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0





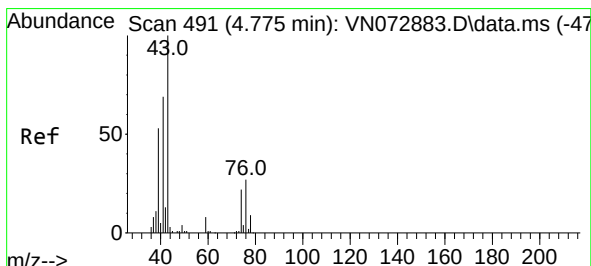
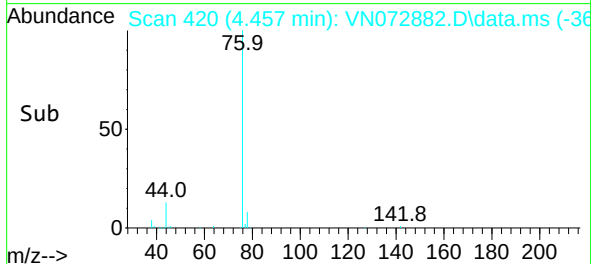
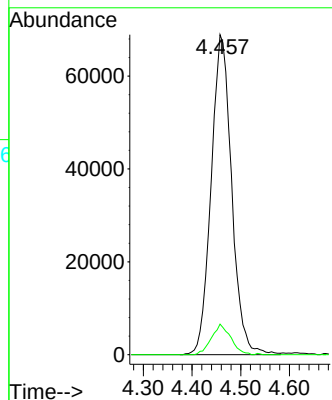
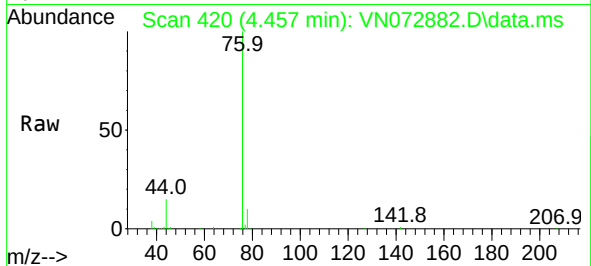
#17
Carbon Disulfide
Concen: 18.999 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 201500
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

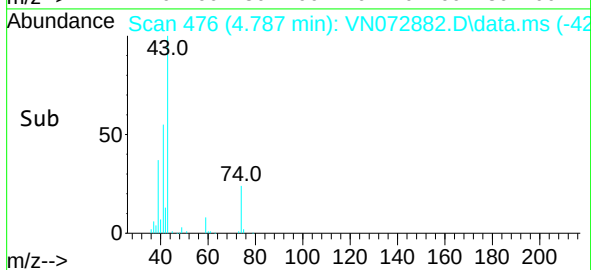
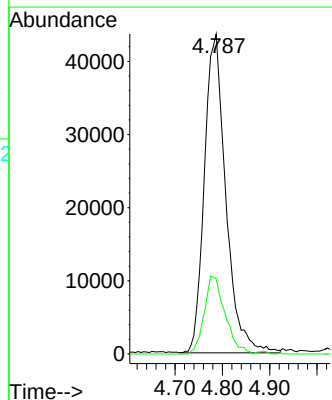
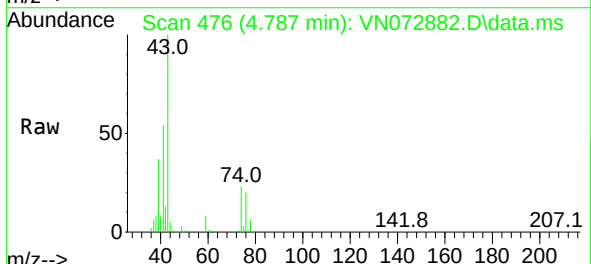
Manual Integrations
APPROVED

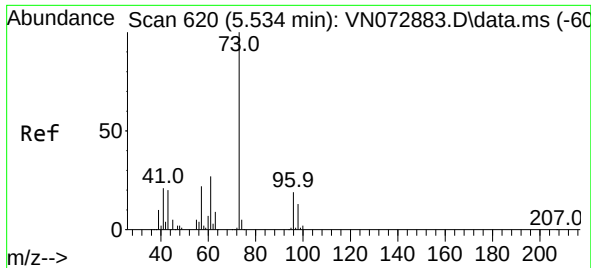
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
Methyl Acetate
Concen: 18.322 ug/l
RT: 4.787 min Scan# 476
Delta R.T. 0.012 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

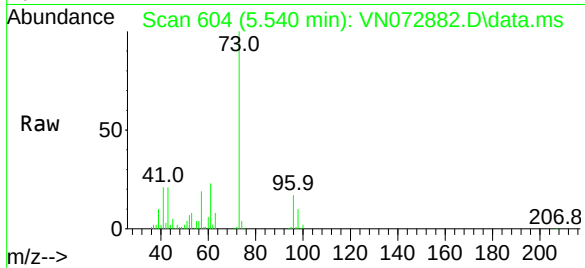
Tgt Ion: 43 Resp: 136870
Ion Ratio Lower Upper
43 100
74 23.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 19.696 ug/l
RT: 5.540 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

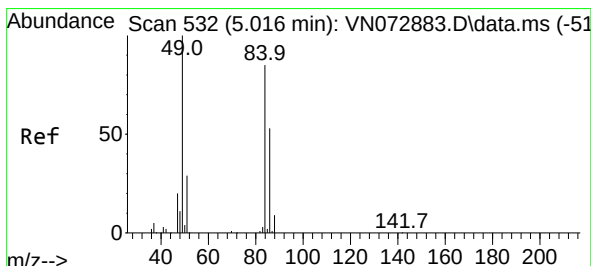
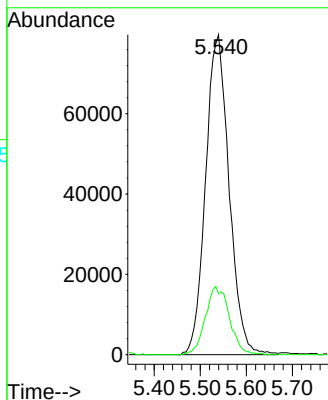
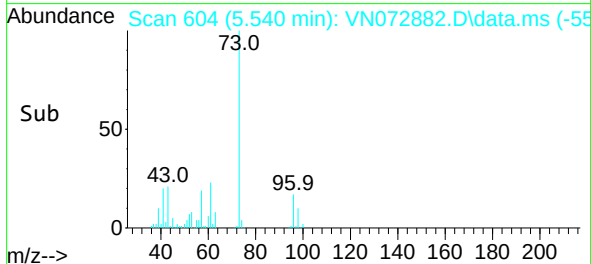
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



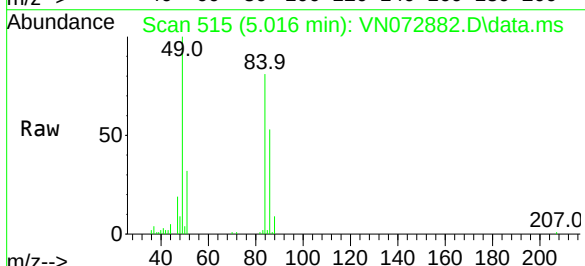
Tgt Ion: 73 Resp: 282385
Ion Ratio Lower Upper
73 100
57 19.0 17.6 26.4

Manual Integrations
APPROVED

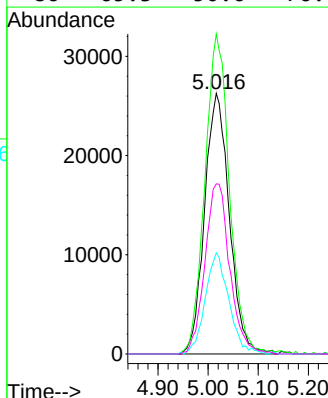
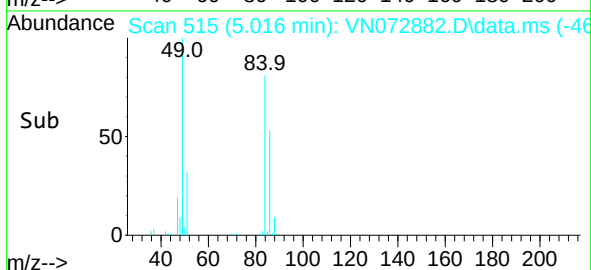
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

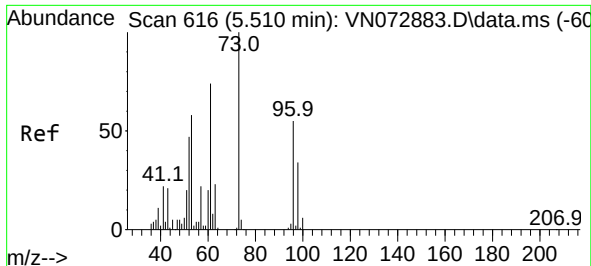


#20
Methylene Chloride
Concen: 19.263 ug/l
RT: 5.016 min Scan# 515
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



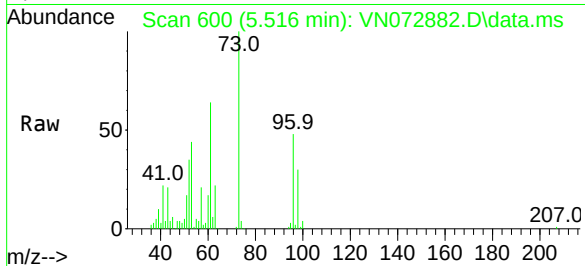
Tgt Ion: 84 Resp: 90285
Ion Ratio Lower Upper
84 100
49 122.8 88.3 132.5
51 38.8 28.2 42.2
86 65.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.377 ug/l
RT: 5.516 min Scan# 600
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

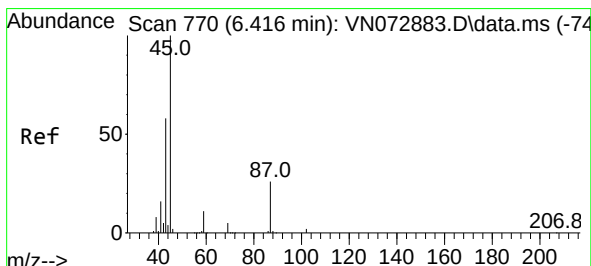
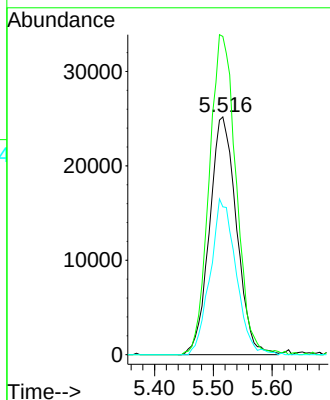
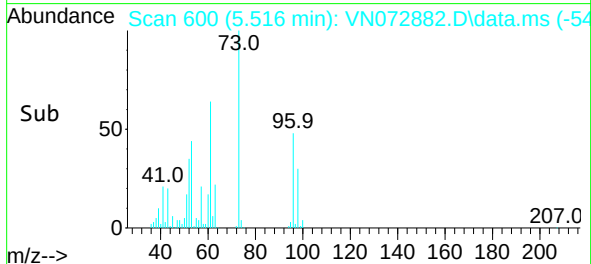
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



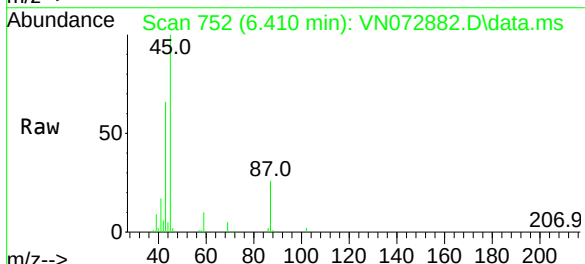
Tgt Ion: 96 Resp: 80339
Ion Ratio Lower Upper
96 100
61 133.9 105.8 158.8
98 62.2 50.3 75.5

Manual Integrations
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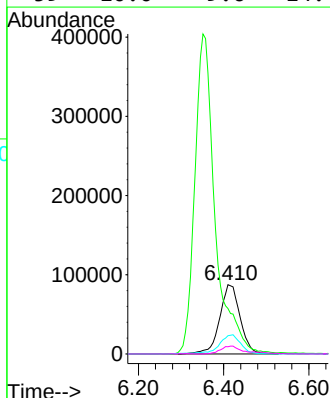
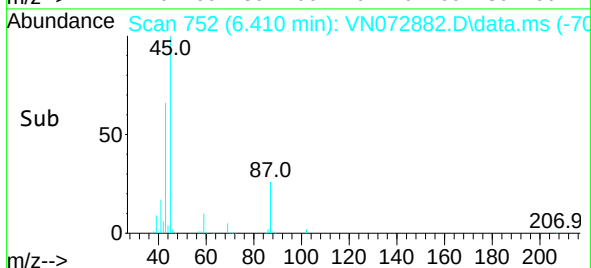
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

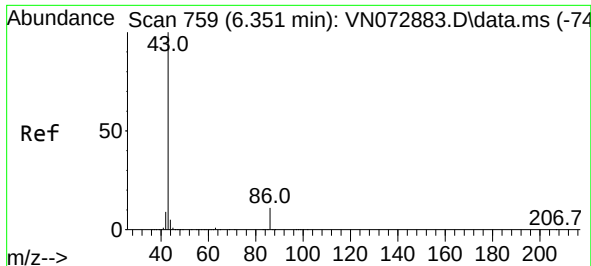


#22
Diisopropyl ether
Concen: 19.816 ug/l
RT: 6.410 min Scan# 752
Delta R.T. -0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



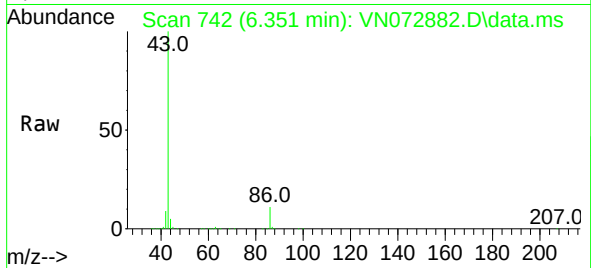
Tgt Ion: 45 Resp: 291003
Ion Ratio Lower Upper
45 100
43 63.9 46.6 70.0
87 26.5 24.3 36.5
59 10.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 100.145 ug/l
 RT: 6.351 min Scan# 742
 Delta R.T. 0.000 min
 Lab File: VN072882.D
 Acq: 16 Jun 2022 11:52

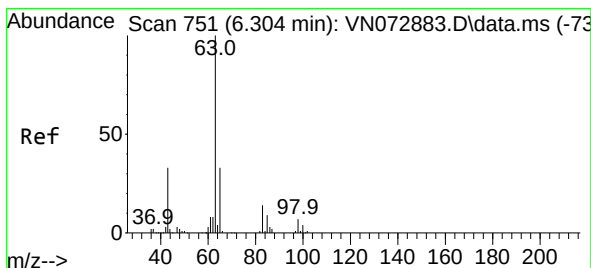
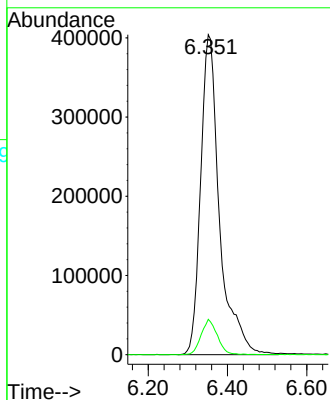
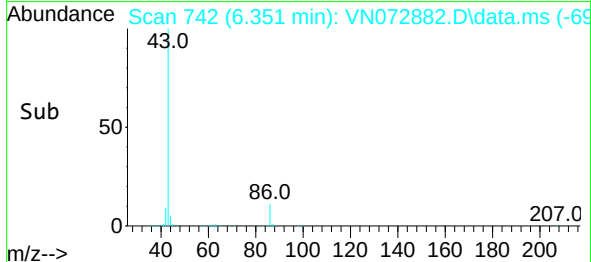
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC020



Tgt Ion: 43 Resp: 1336670
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.0 15.0

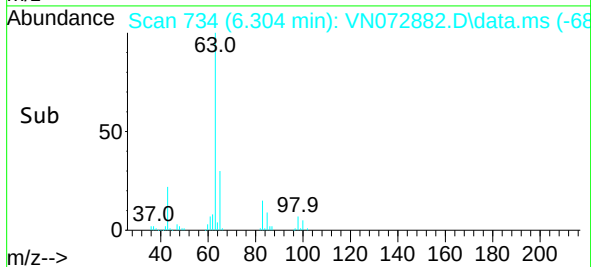
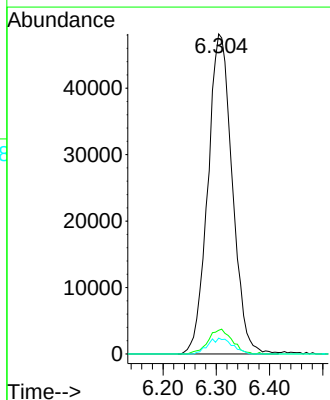
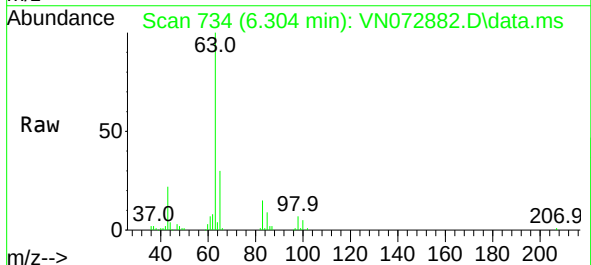
Manual Integrations
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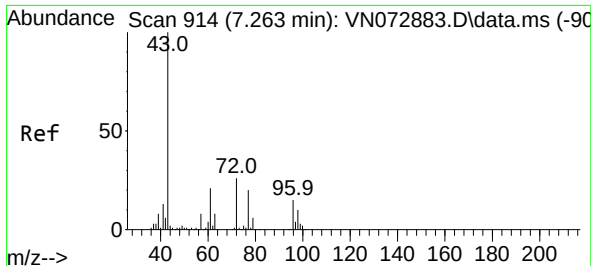
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#24
 1,1-Dichloroethane
 Concen: 19.931 ug/l
 RT: 6.304 min Scan# 734
 Delta R.T. 0.000 min
 Lab File: VN072882.D
 Acq: 16 Jun 2022 11:52

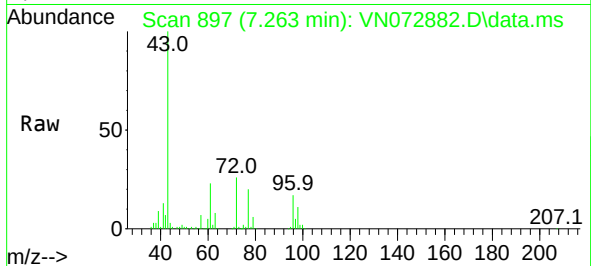
Tgt Ion: 63 Resp: 153242
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 98.117 ug/l
RT: 7.263 min Scan# 891
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

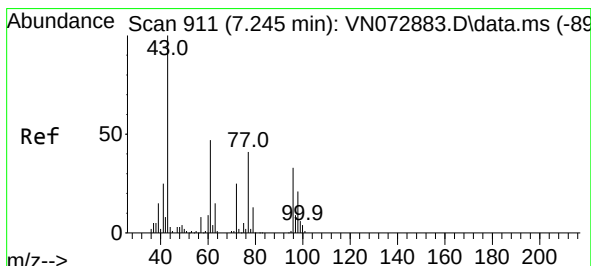
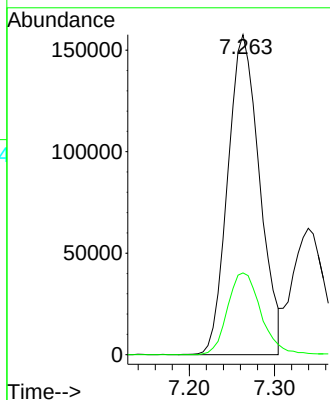
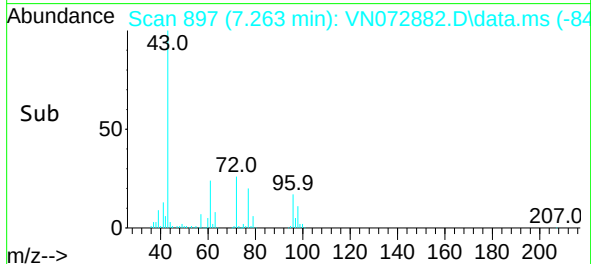
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC020



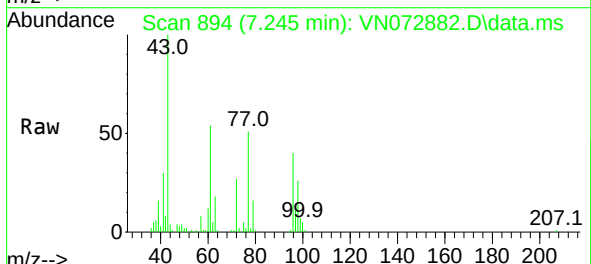
Tgt Ion: 43 Resp: 40950
Ion Ratio Lower Upper
43 100
72 25.5 23.7 35.5

Manual Integrations
APPROVED

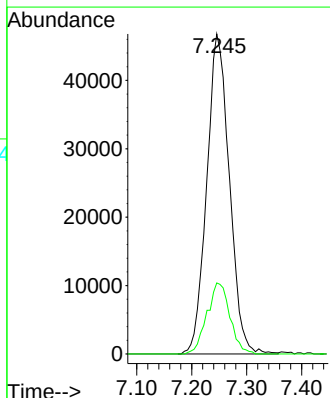
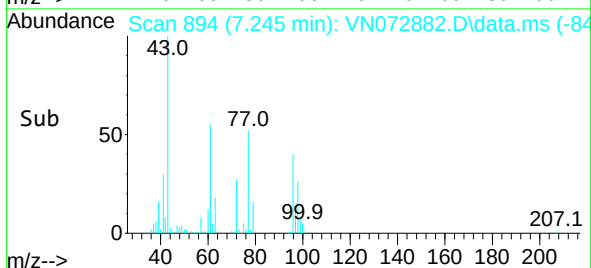
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

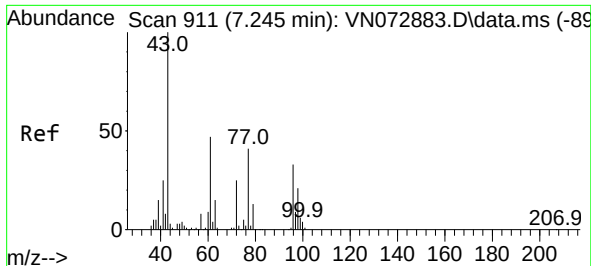


#26
2,2-Dichloropropane
Concen: 19.270 ug/l
RT: 7.245 min Scan# 894
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



Tgt Ion: 77 Resp: 133839
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 7.245 min Scan# 89

Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

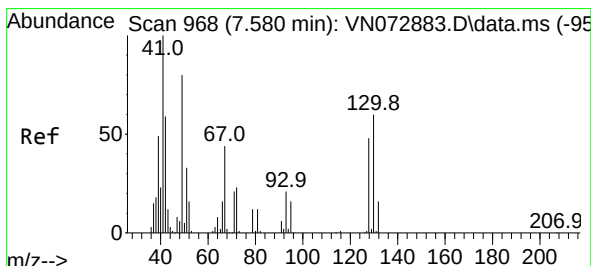
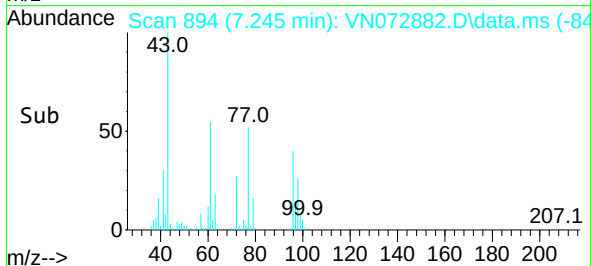
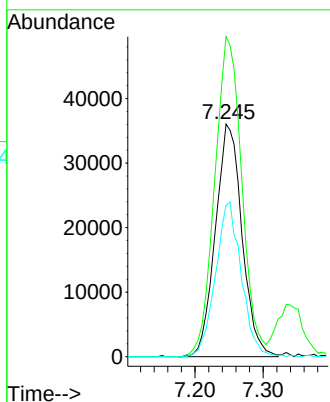
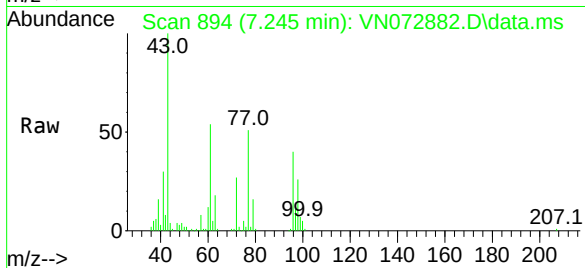
Tgt Ion: 96	Resp: 97938
Ion Ratio	Lower Upper
96 100	
61 139.8	0.0 280.6
98 64.4	0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#28

Bromochloromethane

Concen: 19.487 ug/l

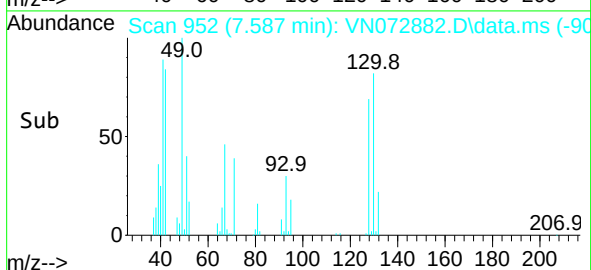
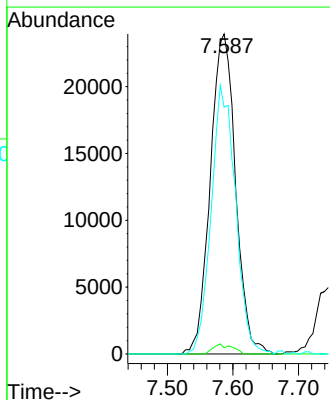
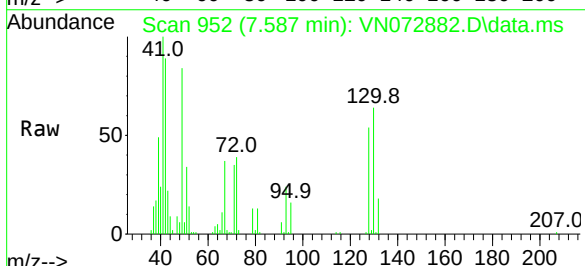
RT: 7.587 min Scan# 952

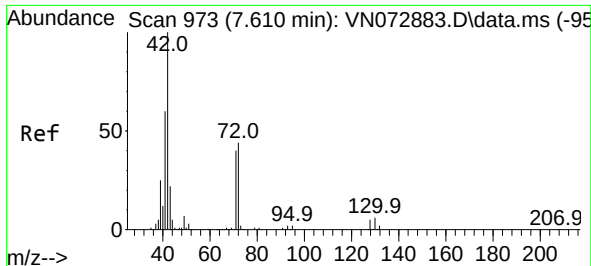
Delta R.T. 0.006 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Tgt Ion: 49	Resp: 64200
Ion Ratio	Lower Upper
49 100	
129 2.3	0.0 4.6
130 80.6	69.7 104.5





#29

Tetrahydrofuran

Concen: 100.846 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 27903

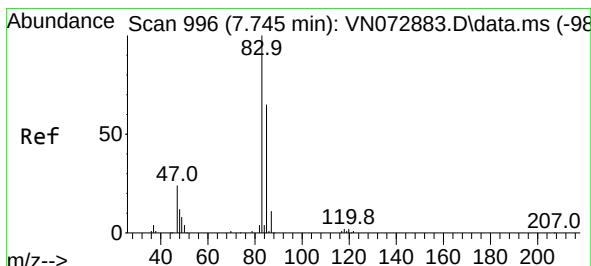
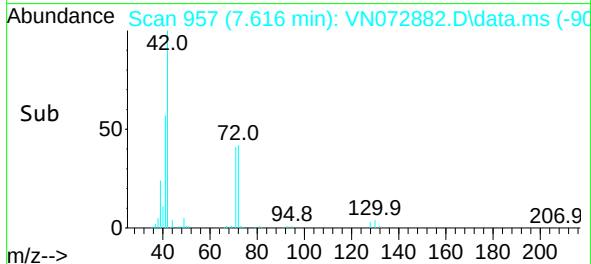
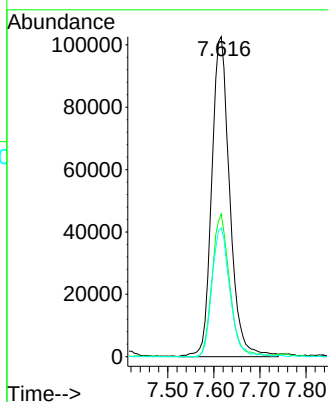
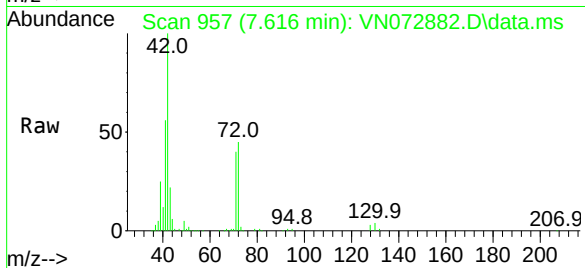
Ion	Ratio	Lower	Upper
42	100		
72	43.2	39.7	59.5
71	39.9	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#30

Chloroform

Concen: 19.839 ug/l

RT: 7.745 min Scan# 979

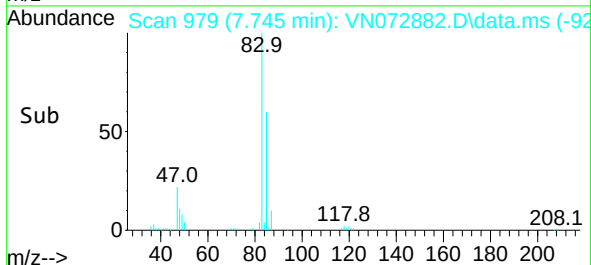
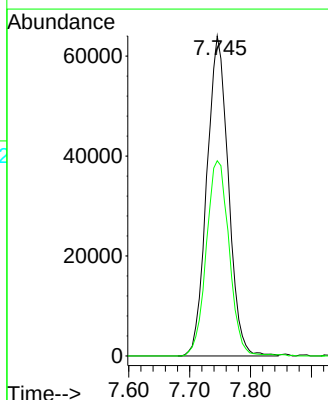
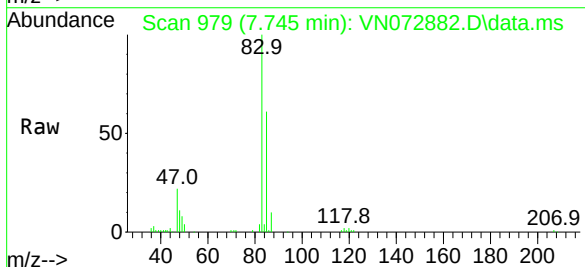
Delta R.T. 0.000 min

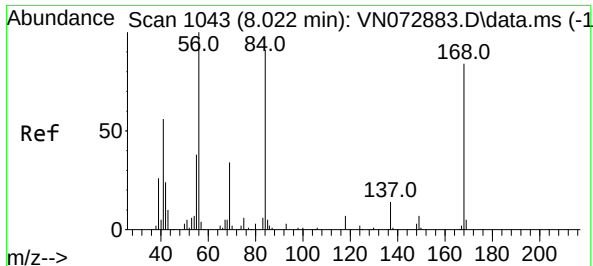
Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Tgt Ion: 83 Resp: 157406

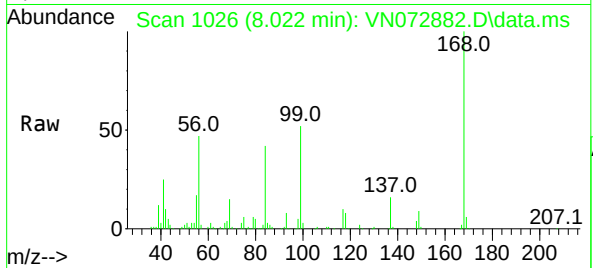
Ion	Ratio	Lower	Upper
83	100		
85	61.0	51.8	77.8





#31
Cyclohexane
Concen: 19.472 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

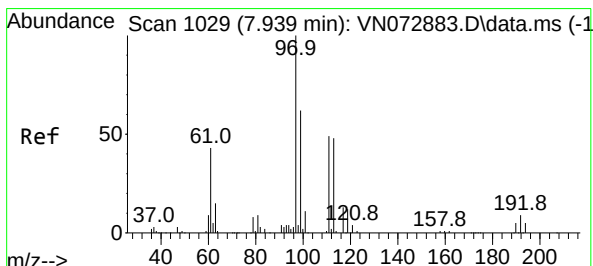
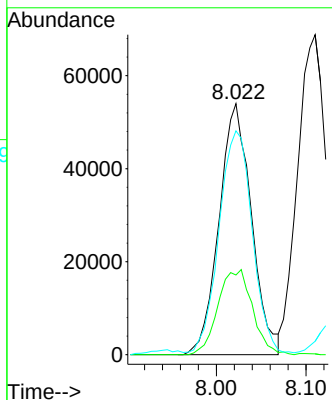
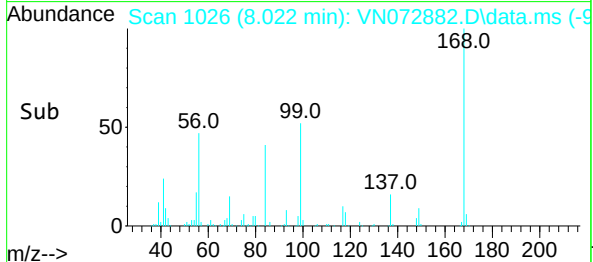
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



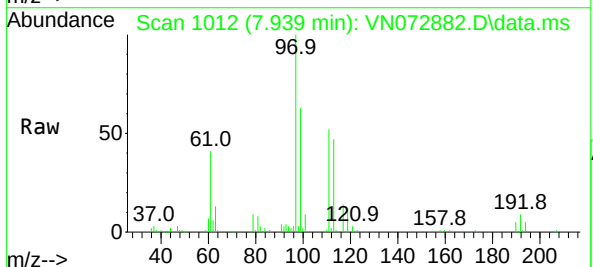
Tgt Ion: 56 Resp: 135534
Ion Ratio Lower Upper
56 100
69 31.5 27.8 41.8
84 87.6 76.9 115.3

Manual Integrations
APPROVED

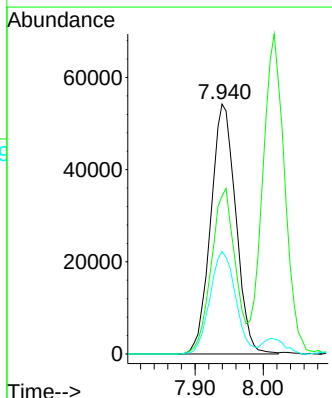
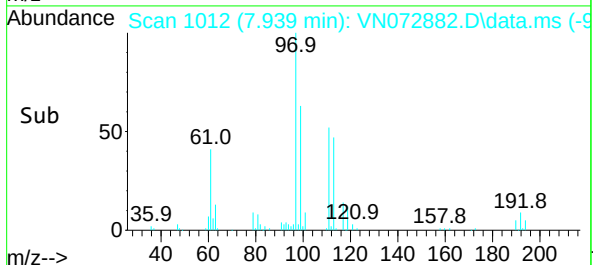
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

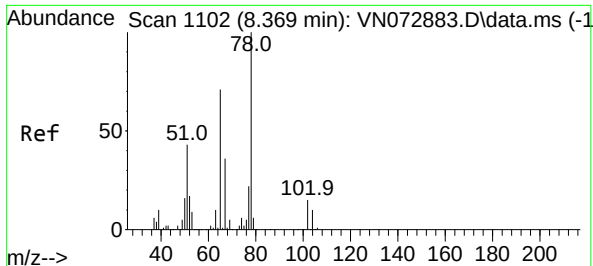


#32
1,1,1-Trichloroethane
Concen: 19.765 ug/l
RT: 7.939 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



Tgt Ion: 97 Resp: 138866
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 42.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 20.560 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 106740

Ion Ratio Lower Upper

65 100

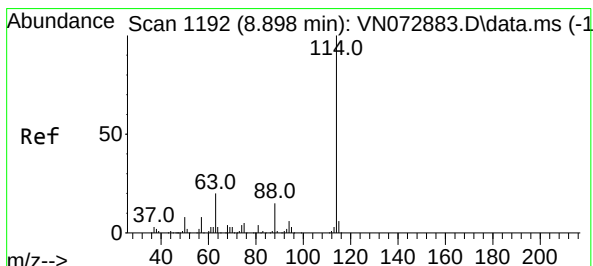
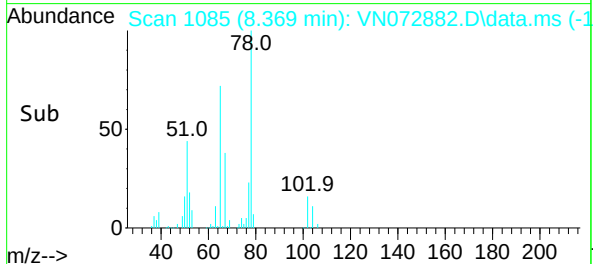
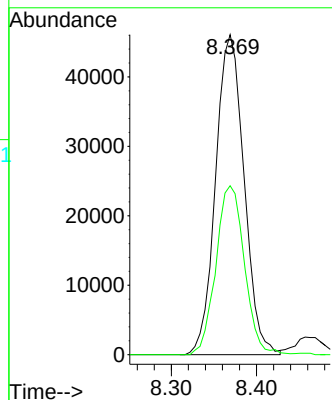
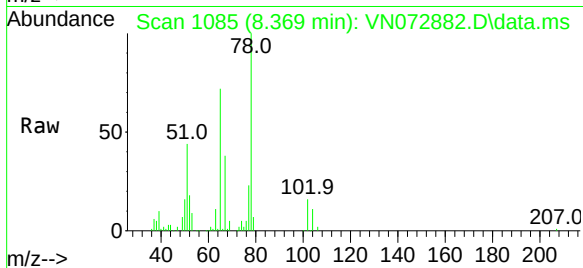
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

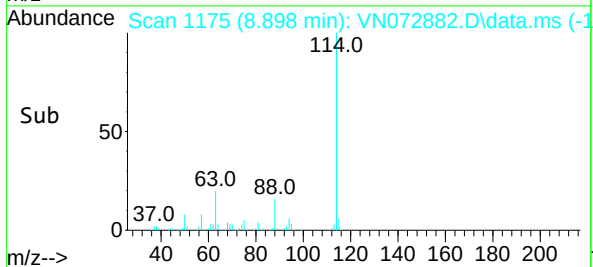
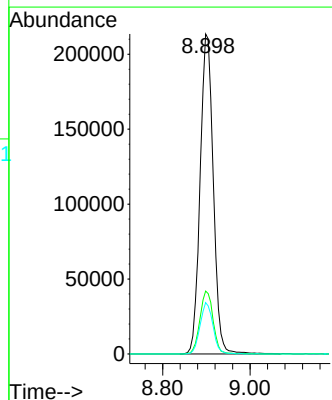
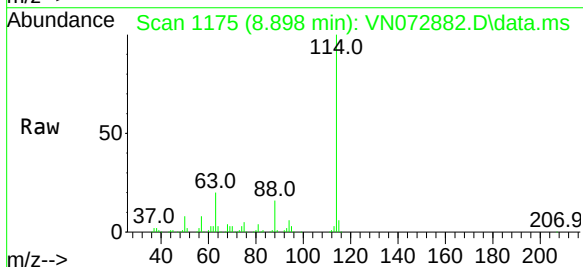
Tgt Ion:114 Resp: 448628

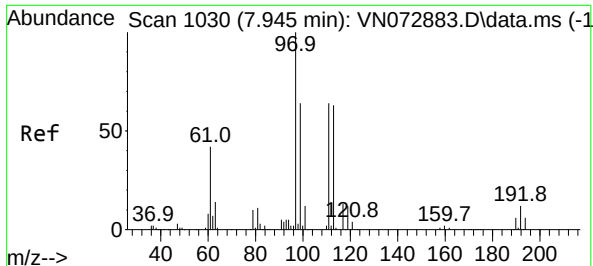
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 20.817 ug/l

RT: 7.951 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

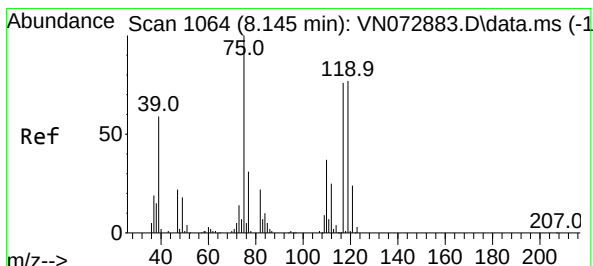
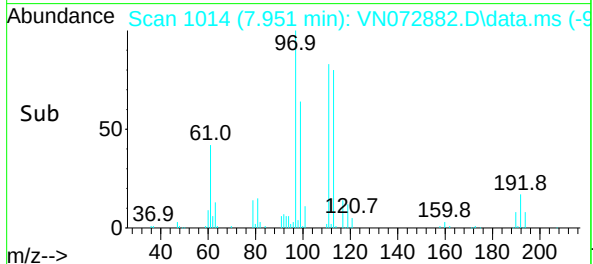
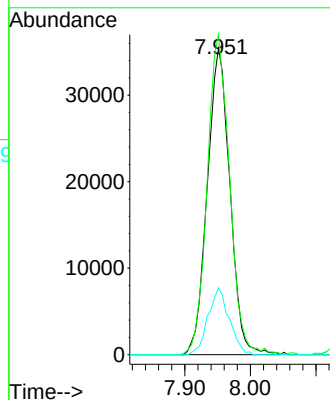
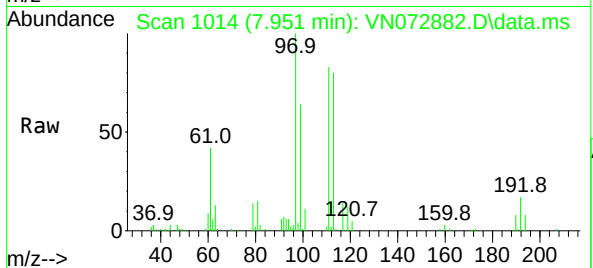
Tgt Ion:	113	Resp:	84834
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.0
192	20.5	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#36

1,1-Dichloropropene

Concen: 19.964 ug/l

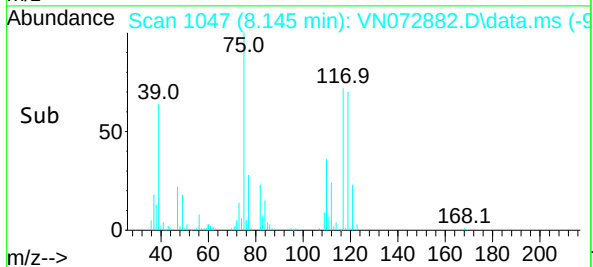
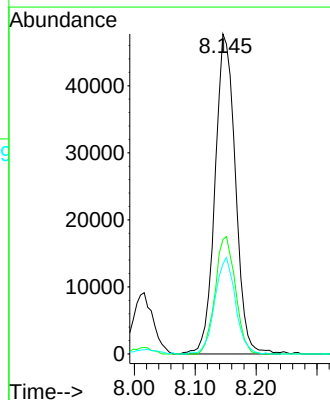
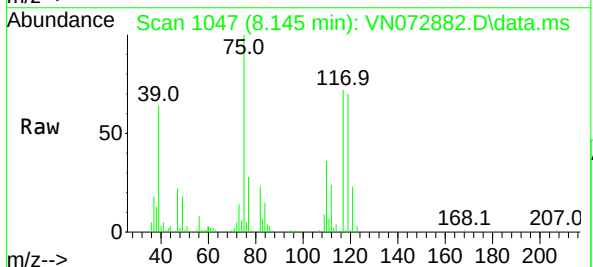
RT: 8.145 min Scan# 1047

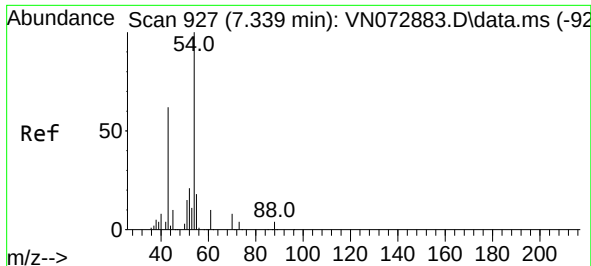
Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

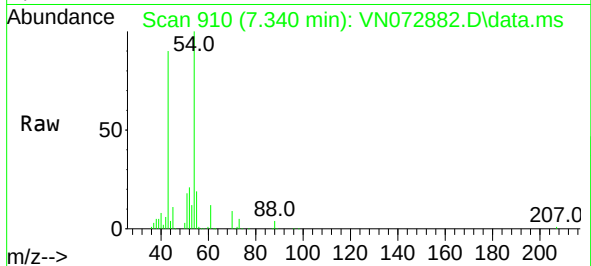
Tgt Ion:	75	Resp:	111110
Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.3	54.8
77	30.5	25.1	37.7





#37
Ethyl Acetate
Concen: 20.066 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

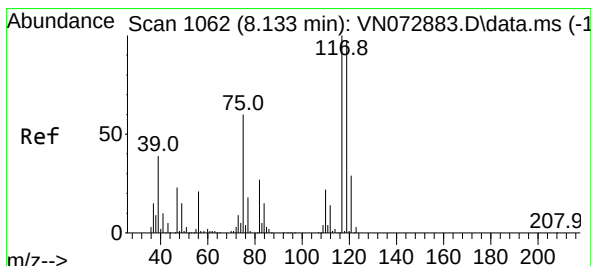
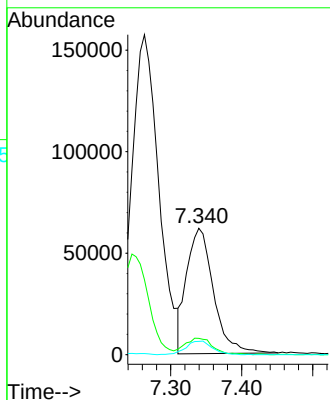
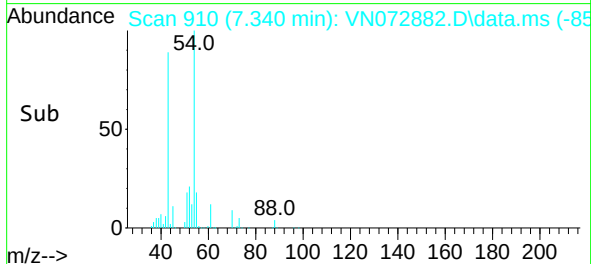
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 16162
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.7 9.3 13.9

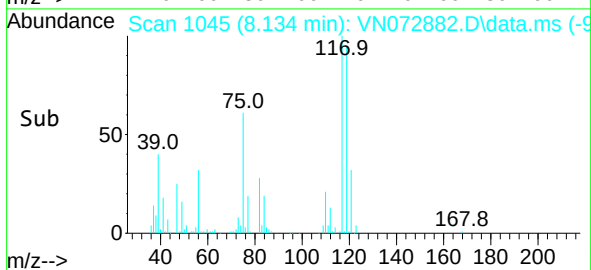
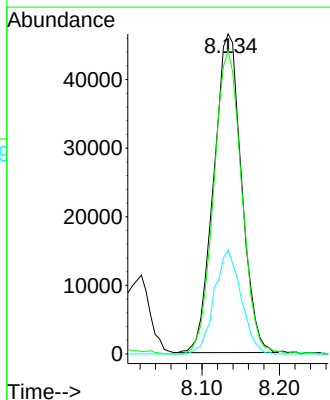
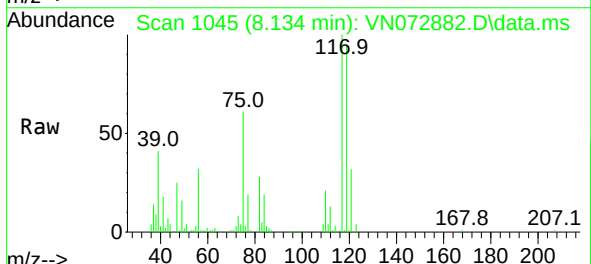
Manual Integrations
APPROVED

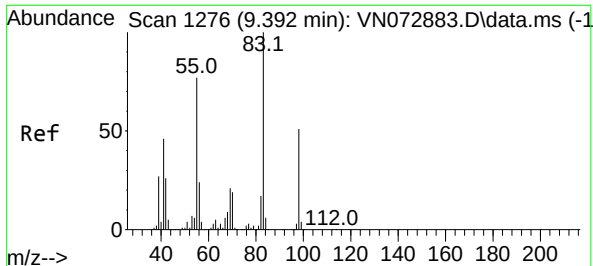
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Carbon Tetrachloride
Concen: 19.376 ug/l
RT: 8.134 min Scan# 1045
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Tgt Ion:117 Resp: 116100
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
121 32.6 24.6 37.0





#39

Methylcyclohexane

Concen: 19.475 ug/l

RT: 9.392 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

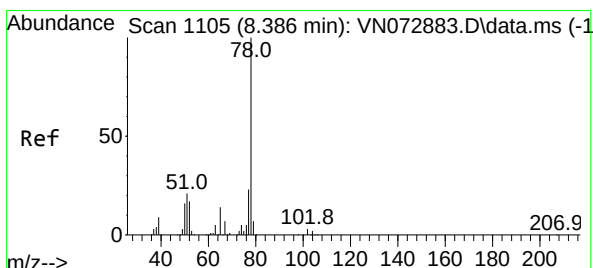
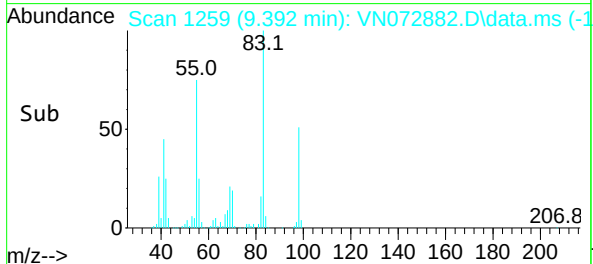
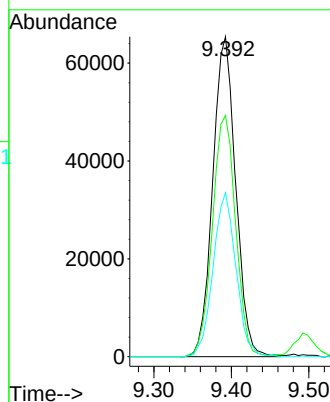
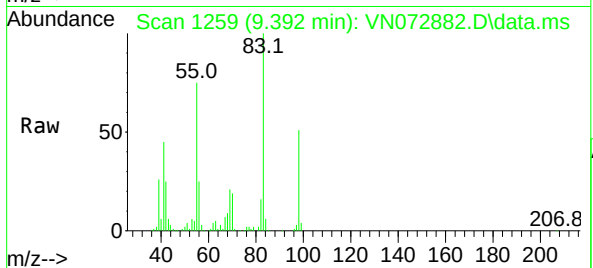
Tgt Ion:	83	Resp:	13452
Ion Ratio	Lower	Upper	
83	100		
55	75.4	57.8	86.8
98	51.2	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 19.997 ug/l

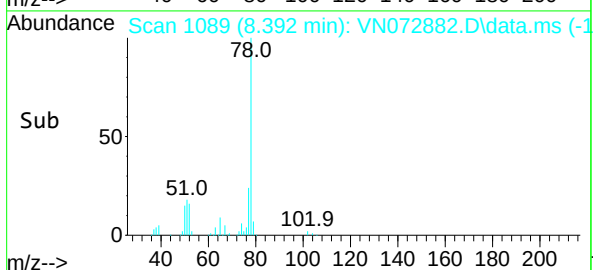
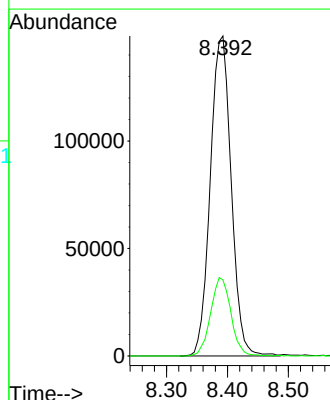
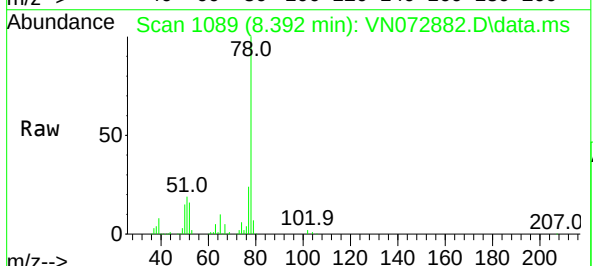
RT: 8.392 min Scan# 1089

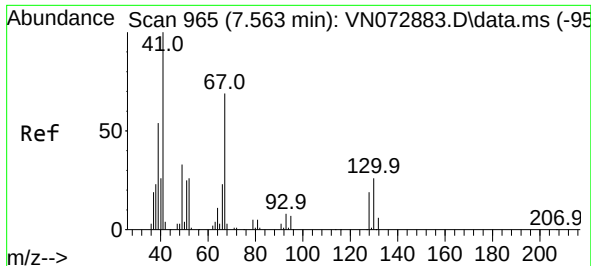
Delta R.T. 0.006 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

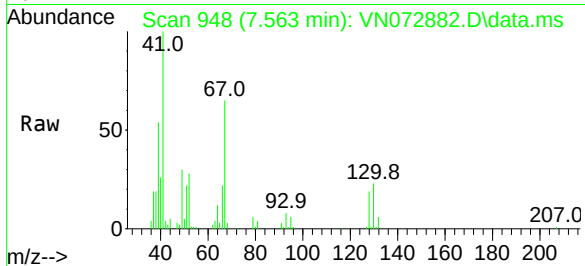
Tgt Ion:	78	Resp:	354597
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.4	29.0





#41
Methacrylonitrile
Concen: 18.954 ug/l
RT: 7.563 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

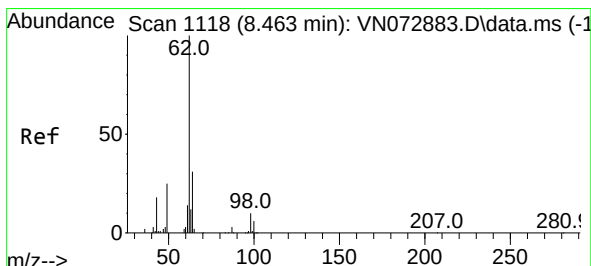
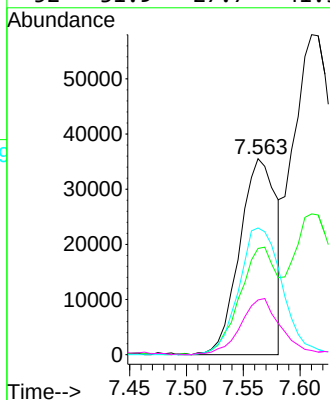
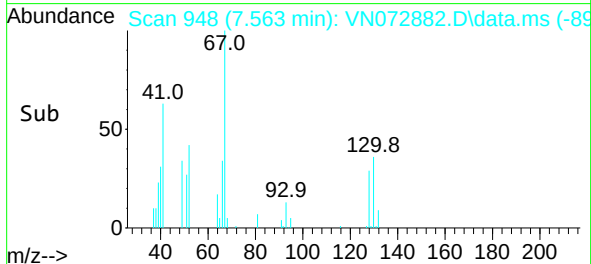
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



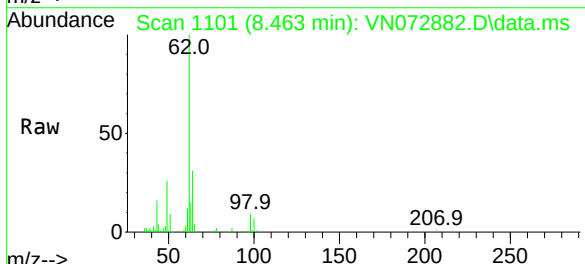
Tgt Ion: 41 Resp: 7947
Ion Ratio Lower Upper
41 100
39 54.3 48.6 73.0
67 77.3 73.4 110.2
52 31.9 27.7 41.5

Manual Integrations
APPROVED

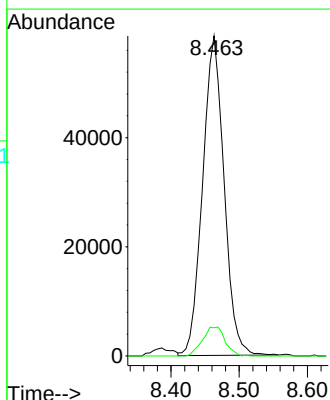
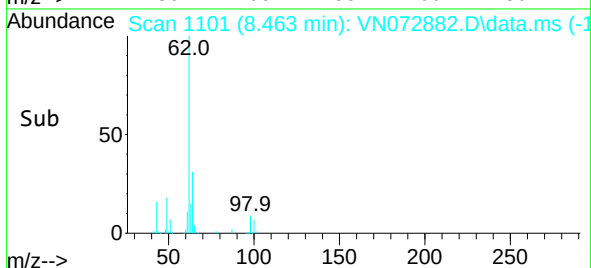
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

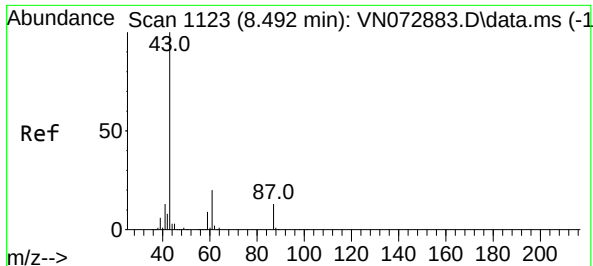


#42
1,2-Dichloroethane
Concen: 20.037 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



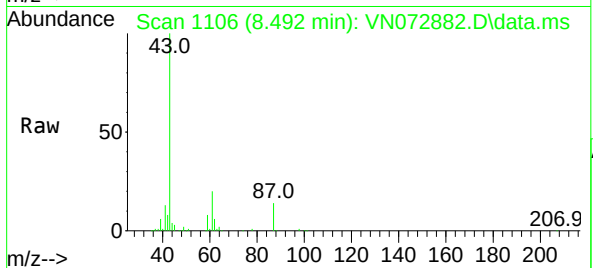
Tgt Ion: 62 Resp: 128115
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.022 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

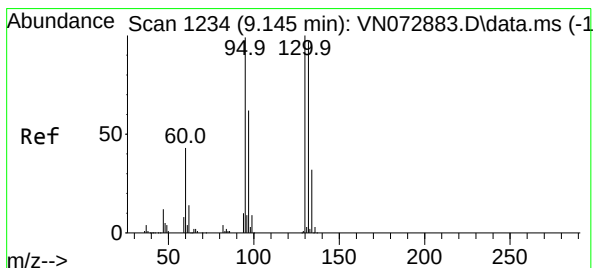
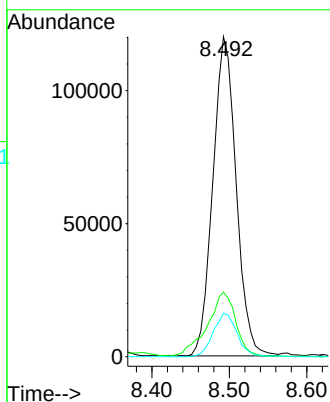
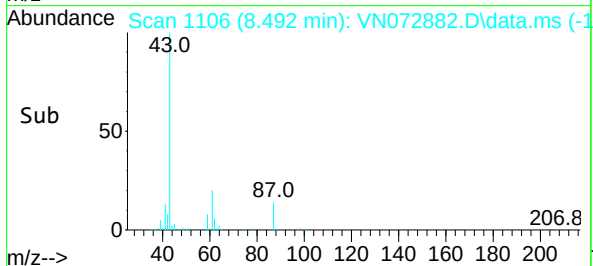
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 25099
Ion Ratio Lower Upper
43 100
61 24.3 21.9 32.9
87 14.0 12.0 18.0

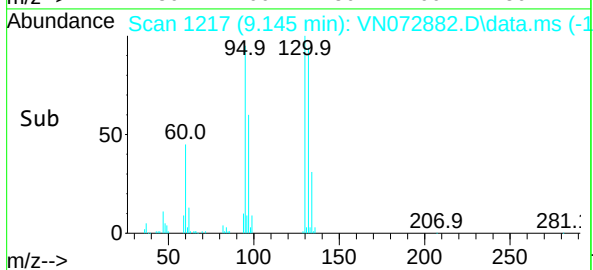
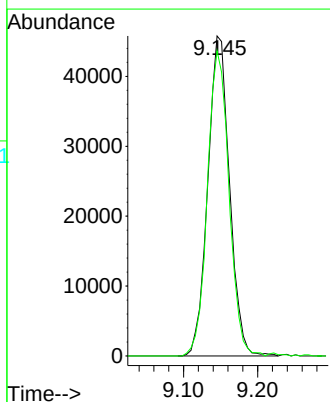
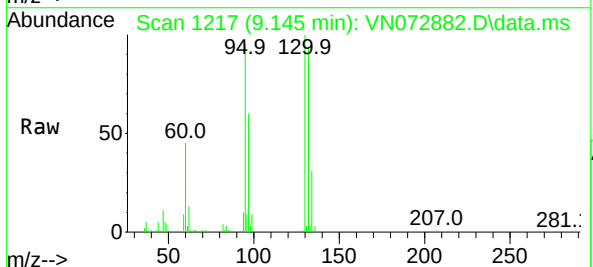
Manual Integrations
APPROVED

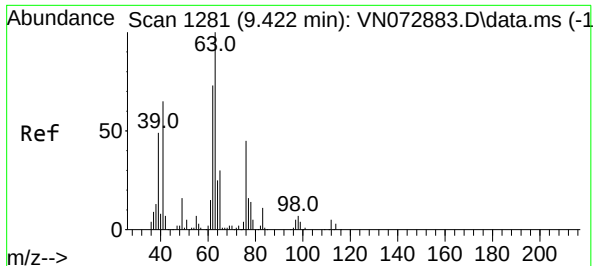
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#44
Trichloroethene
Concen: 19.662 ug/l
RT: 9.145 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Tgt Ion:130 Resp: 93218
Ion Ratio Lower Upper
130 100
95 95.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.008 ug/l

RT: 9.422 min Scan# 1279

Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 89520

Ion Ratio Lower Upper

63 100

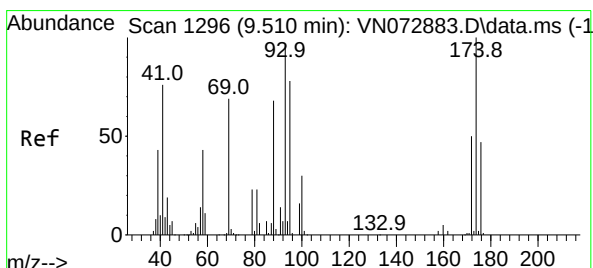
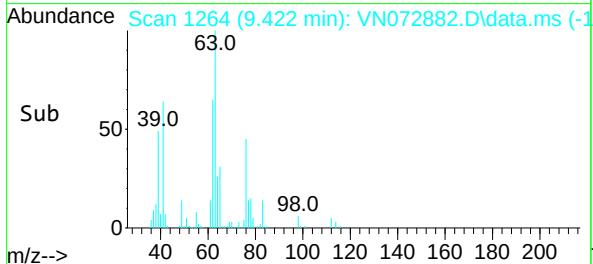
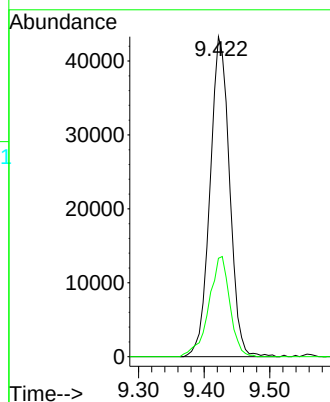
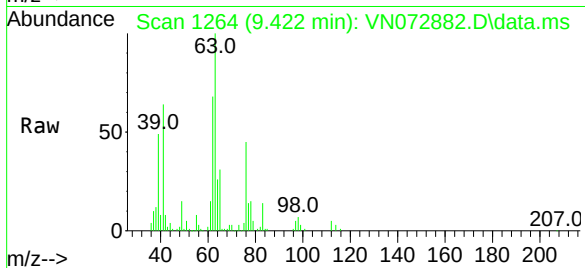
65 30.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 20.150 ug/l

RT: 9.510 min Scan# 1279

Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

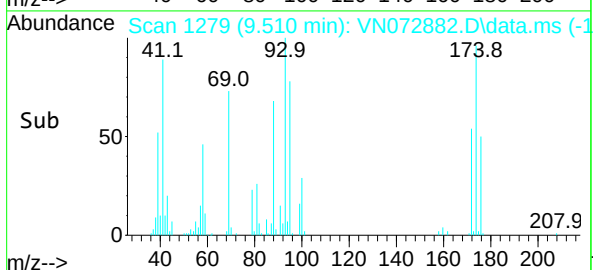
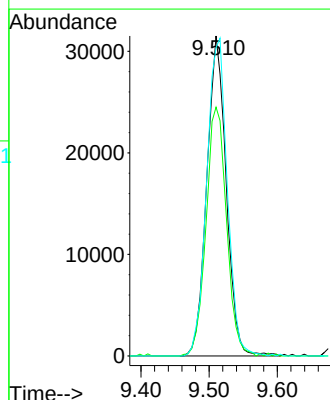
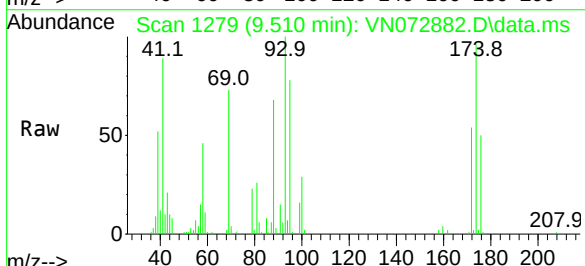
Tgt Ion: 93 Resp: 62569

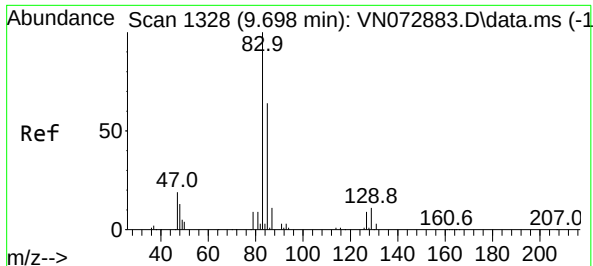
Ion Ratio Lower Upper

93 100

95 81.8 66.9 100.3

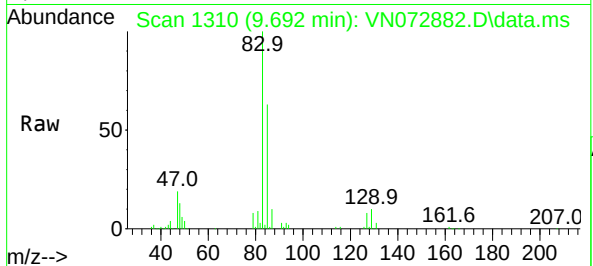
174 105.0 86.6 130.0





#47
Bromodichloromethane
Concen: 20.056 ug/l
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

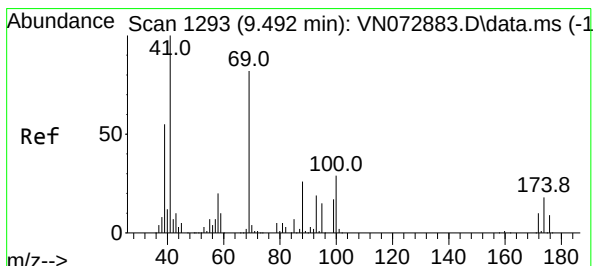
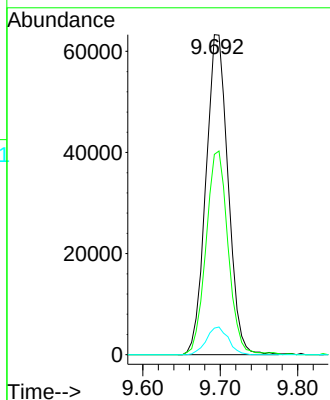
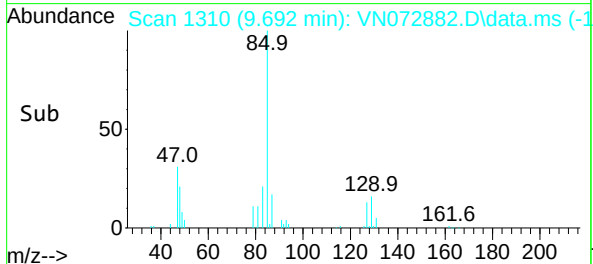
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



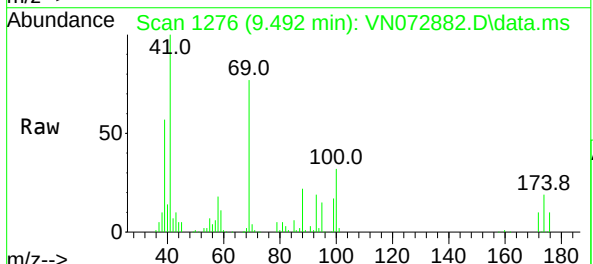
Tgt Ion: 83 Resp: 126148
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 8.3 6.8 10.2

Manual Integrations
APPROVED

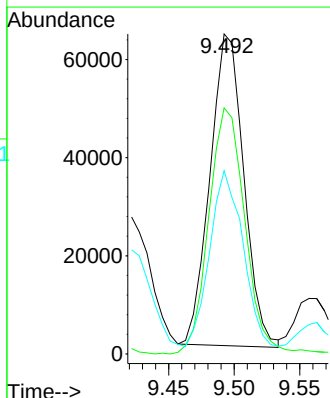
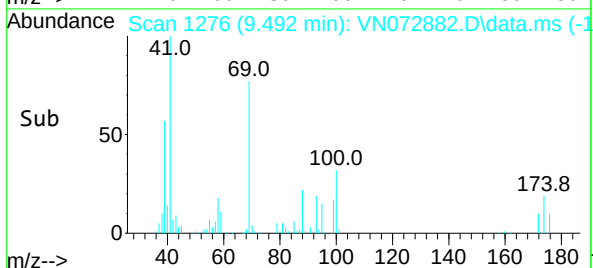
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

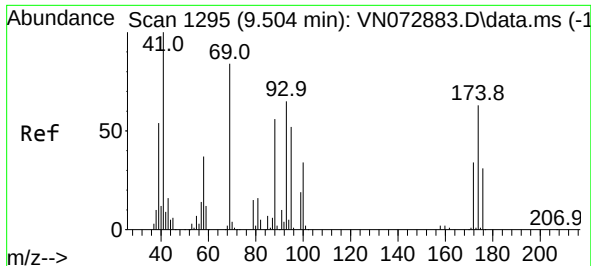


#48
Methyl methacrylate
Concen: 19.880 ug/l
RT: 9.492 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



Tgt Ion: 41 Resp: 113830
Ion Ratio Lower Upper
41 100
69 85.1 74.7 112.1
39 59.7 45.6 68.4





#49

1,4-Dioxane

Concen: 386.737 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

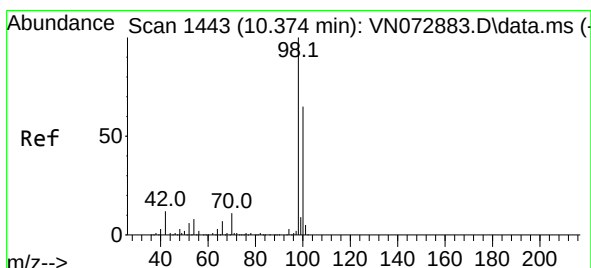
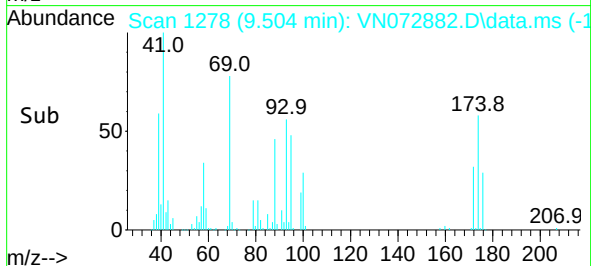
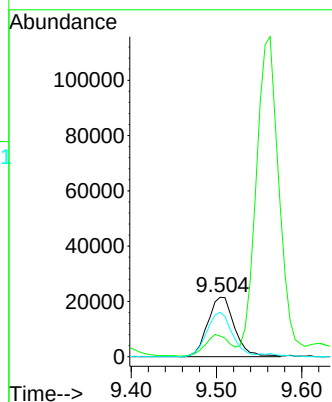
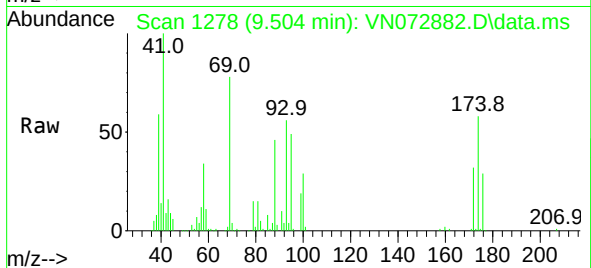
Tgt Ion:	88	Resp:	4690
Ion	Ratio	Lower	Upper
88	100		
43	32.4	20.2	30.4
58	70.7	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#50

Toluene-d8

Concen: 20.413 ug/l

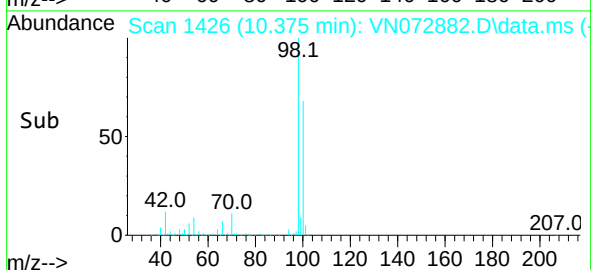
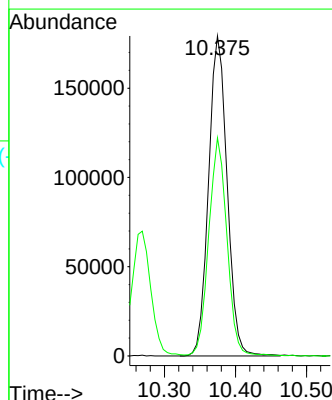
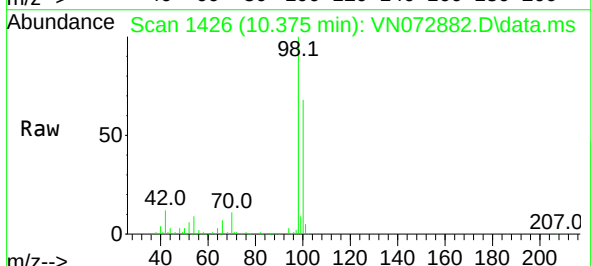
RT: 10.375 min Scan# 1426

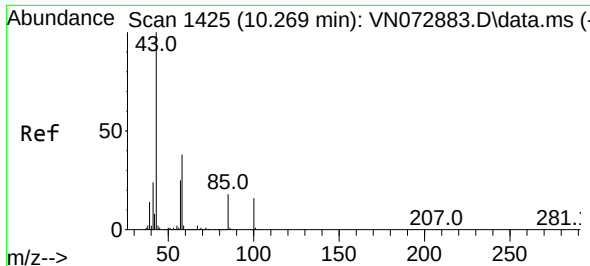
Delta R.T. 0.000 min

Lab File: VN072882.D

Acq: 16 Jun 2022 11:52

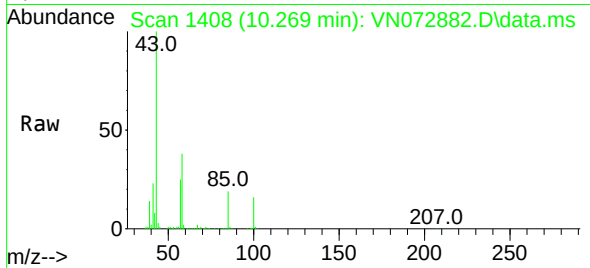
Tgt Ion:	98	Resp:	325617
Ion	Ratio	Lower	Upper
98	100		
100	67.0	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 99.865 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

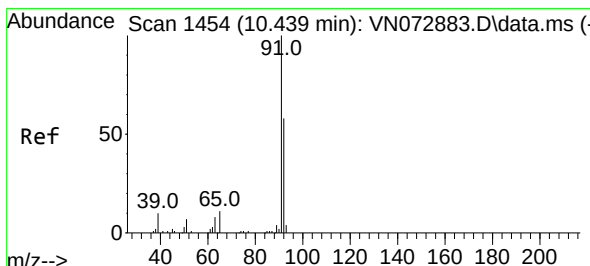
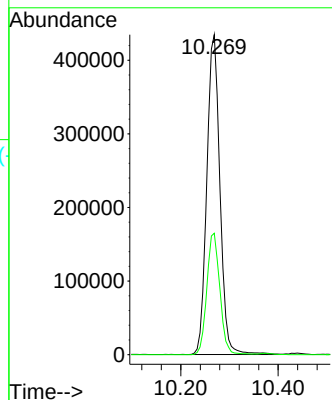
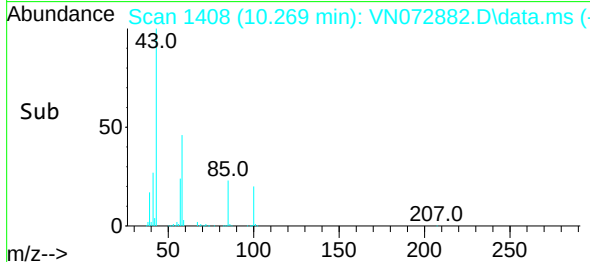
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 809849
Ion Ratio Lower Upper
43 100
58 37.8 34.1 51.1

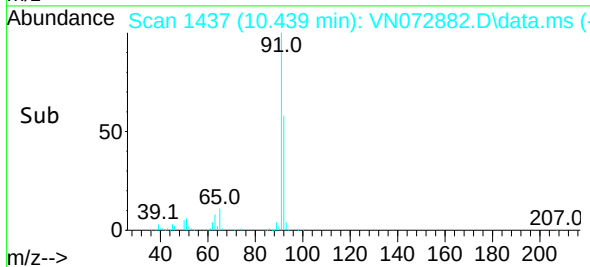
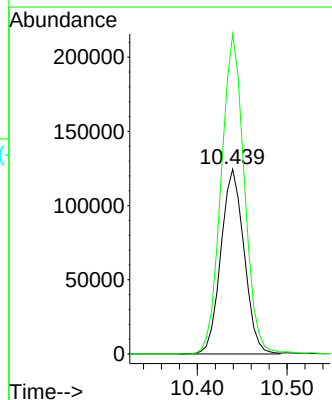
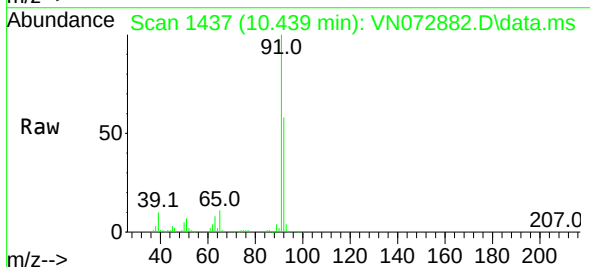
Manual Integrations
APPROVED

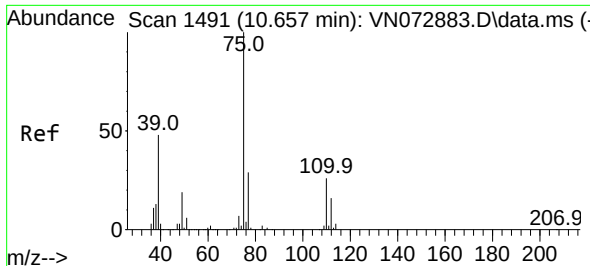
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Toluene
Concen: 19.473 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

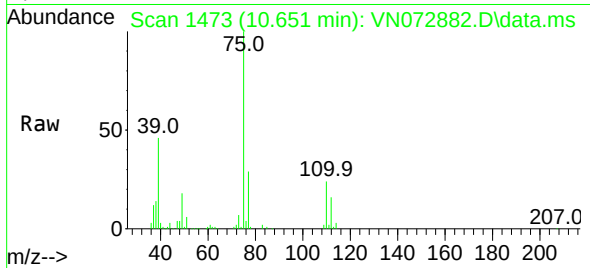
Tgt Ion: 92 Resp: 223463
Ion Ratio Lower Upper
92 100
91 173.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.371 ug/l
RT: 10.651 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

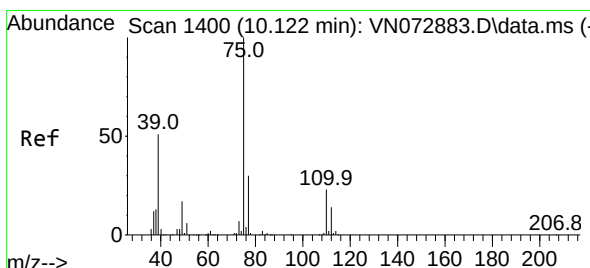
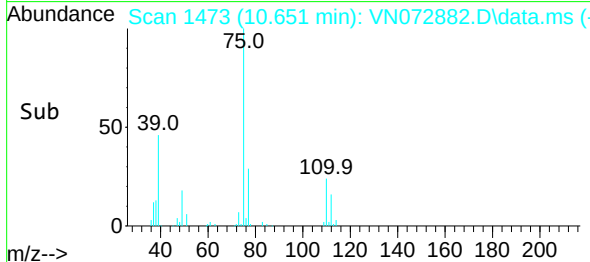
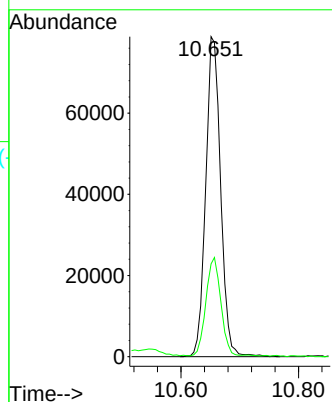
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 13881
Ion Ratio Lower Upper
75 100
77 28.8 25.6 38.4

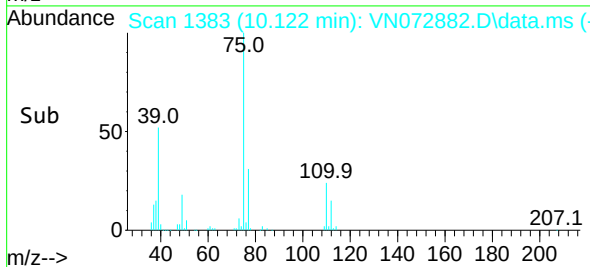
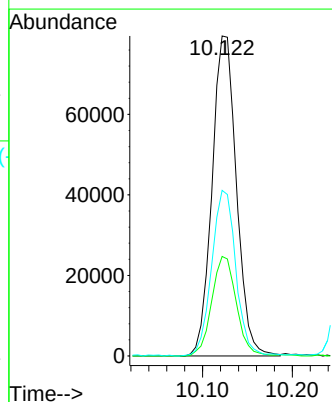
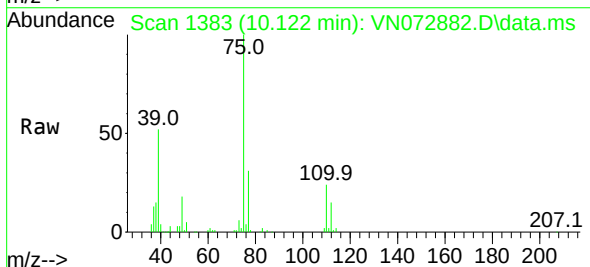
Manual Integrations
APPROVED

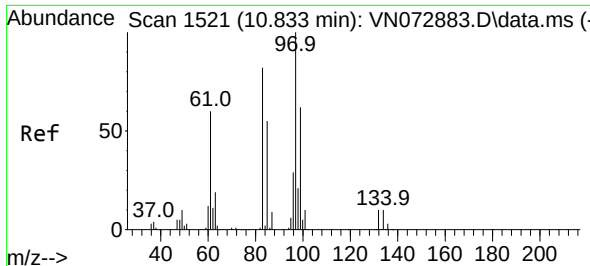
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#54
cis-1,3-Dichloropropene
Concen: 20.201 ug/l
RT: 10.122 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

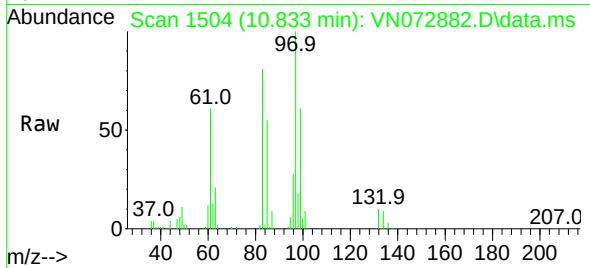
Tgt Ion: 75 Resp: 150302
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 51.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.210 ug/l
RT: 10.833 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

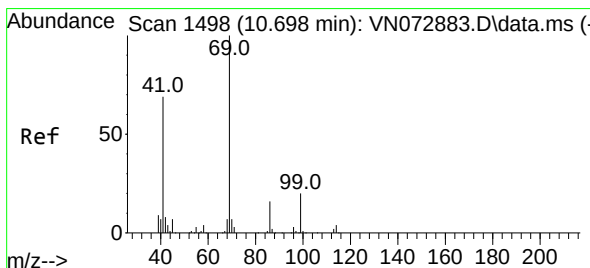
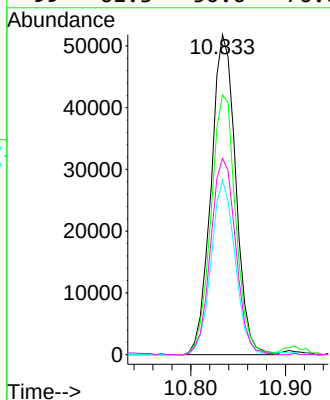
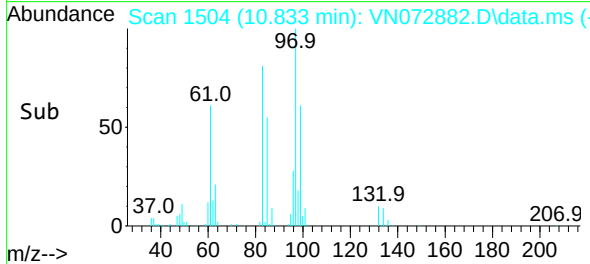
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



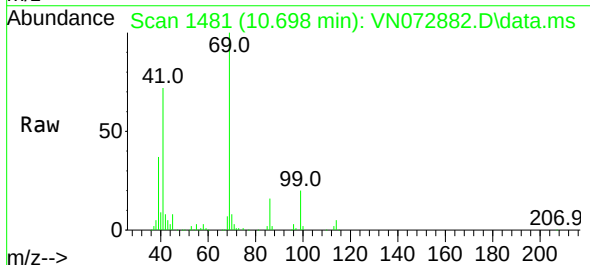
Tgt Ion: 97 Resp: 93632
Ion Ratio Lower Upper
97 100
83 81.1 66.2 99.4
85 54.5 43.9 65.9
99 61.3 50.6 76.0

Manual Integrations
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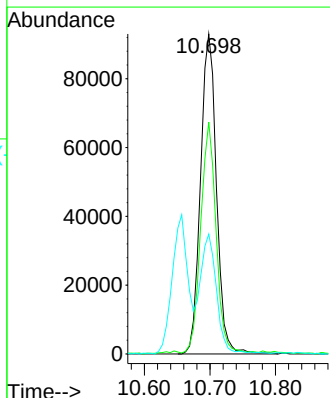
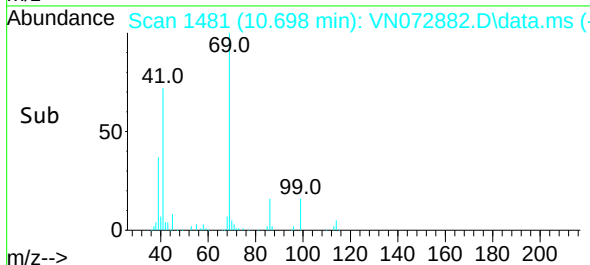
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

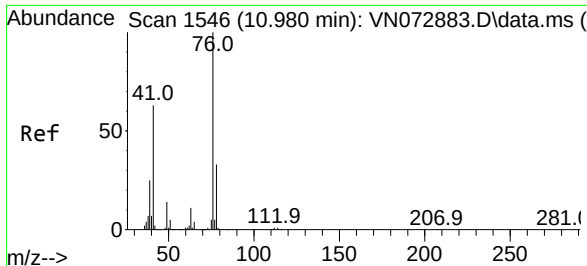


#56
Ethyl methacrylate
Concen: 20.024 ug/l
RT: 10.698 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



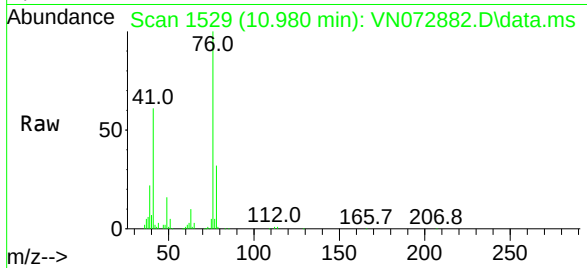
Tgt Ion: 69 Resp: 157541
Ion Ratio Lower Upper
69 100
41 69.2 47.8 71.6
39 38.1 27.3 40.9





#57
1,3-Dichloropropane
Concen: 19.769 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

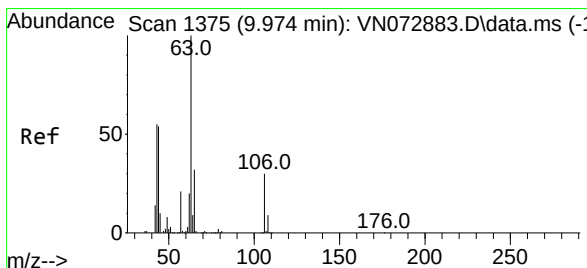
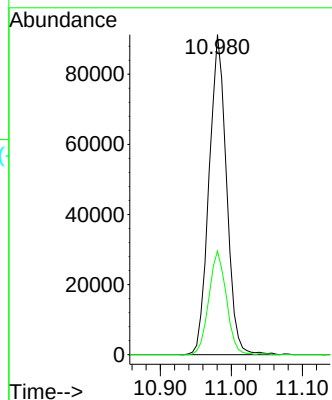
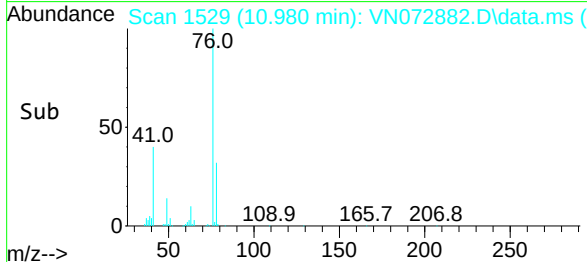
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



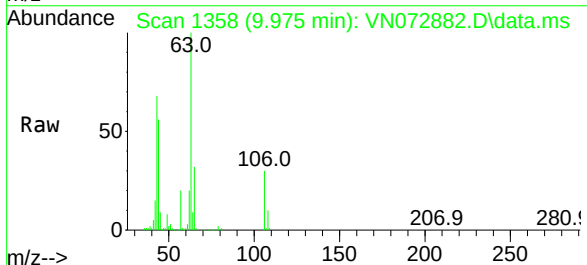
Tgt Ion: 76 Resp: 156290
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
APPROVED

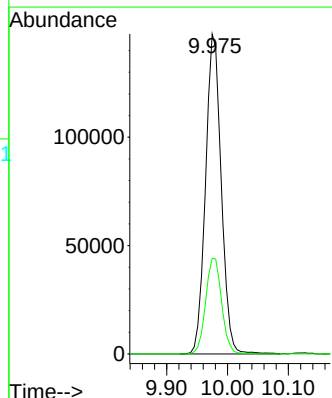
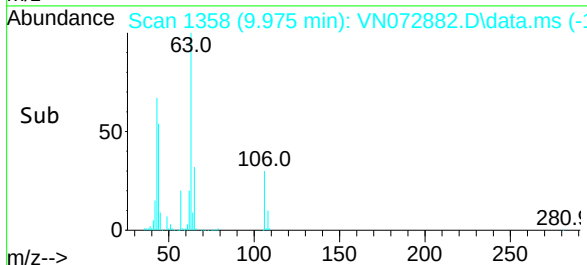
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

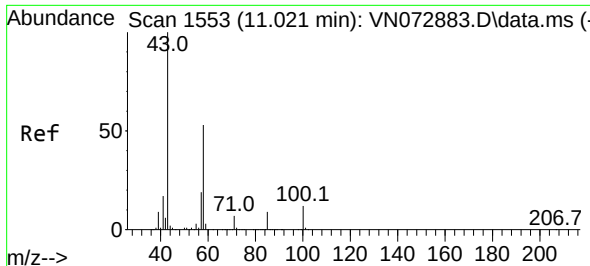


#58
2-Chloroethyl Vinyl ether
Concen: 95.242 ug/l
RT: 9.975 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



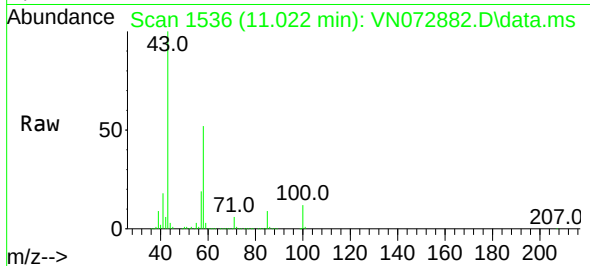
Tgt Ion: 63 Resp: 264875
Ion Ratio Lower Upper
63 100
106 30.4 24.6 36.8





#59
2-Hexanone
Concen: 99.245 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

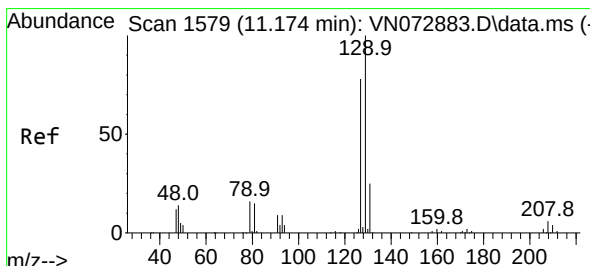
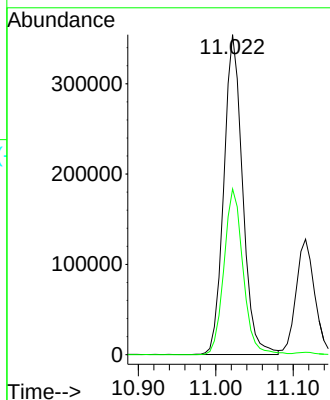
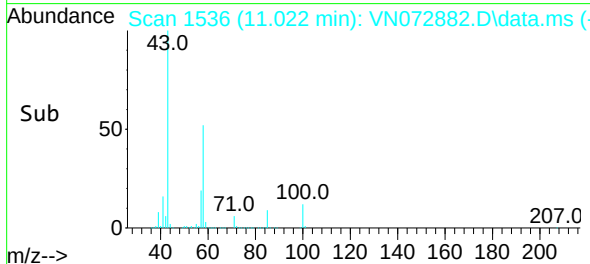
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



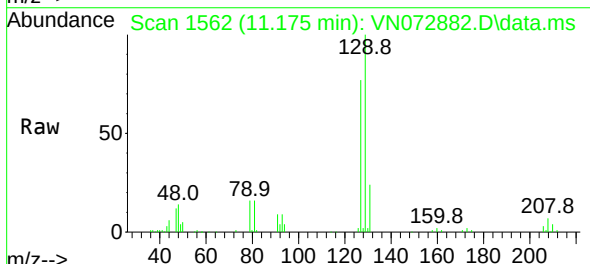
Tgt Ion: 43 Resp: 597624
Ion Ratio Lower Upper
43 100
58 52.6 29.7 89.1

Manual Integrations
APPROVED

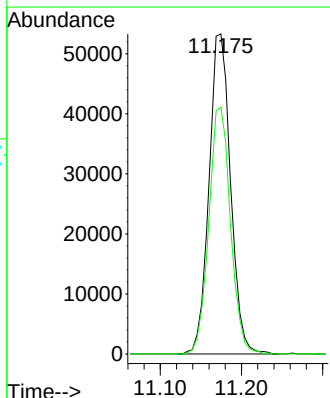
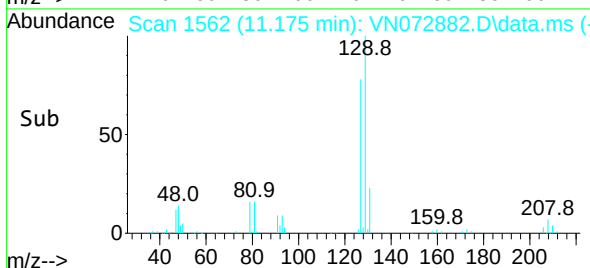
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

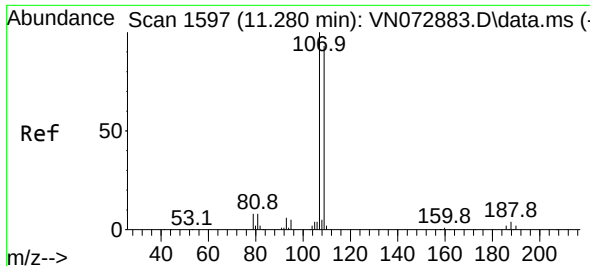


#60
Dibromochloromethane
Concen: 19.744 ug/l
RT: 11.175 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



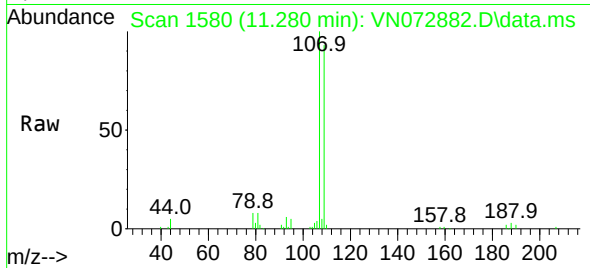
Tgt Ion:129 Resp: 98141
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.642 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

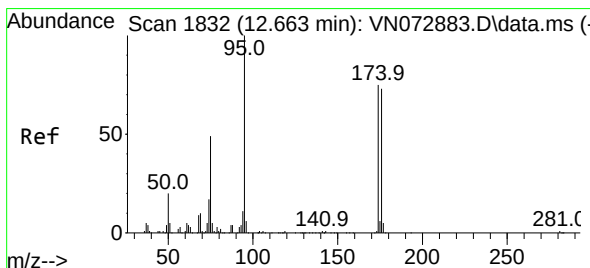
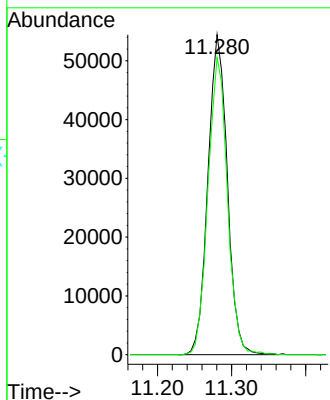
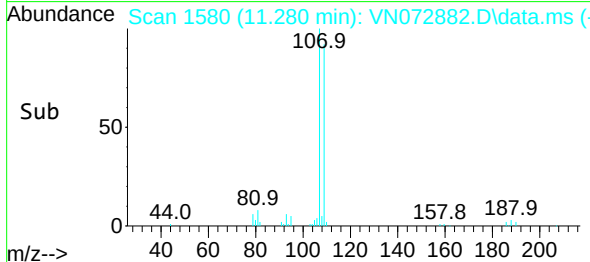
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:107 Resp: 99038
Ion Ratio Lower Upper
107 100
109 93.0 75.0 112.6

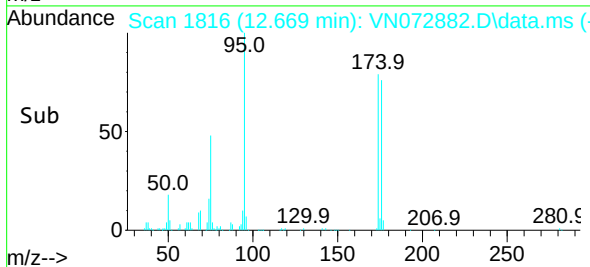
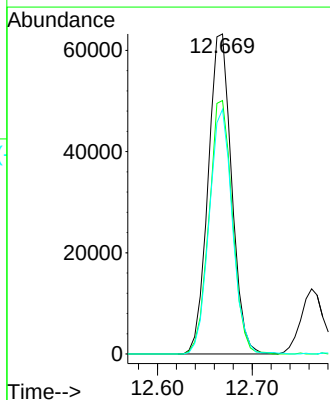
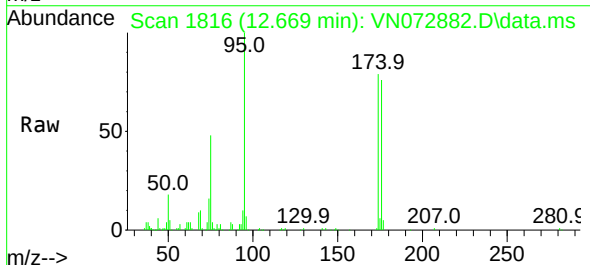
Manual Integrations
APPROVED

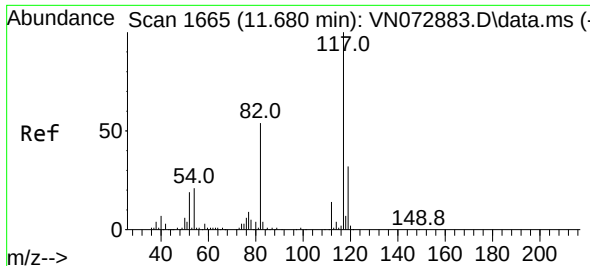
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#62
4-Bromofluorobenzene
Concen: 19.708 ug/l
RT: 12.669 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

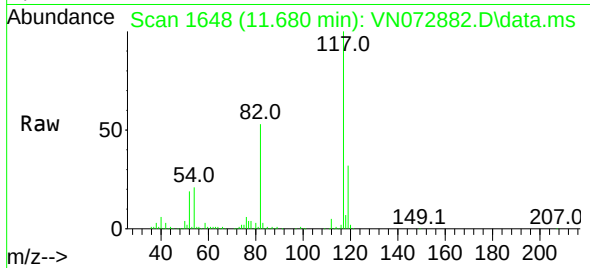
Tgt Ion: 95 Resp: 109051
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.6
176 75.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

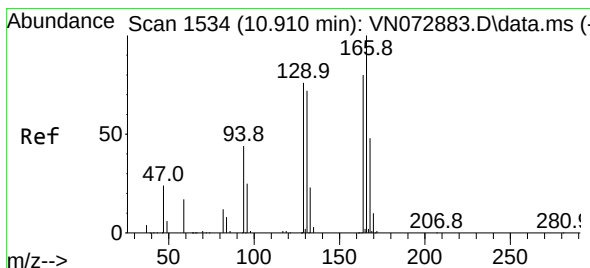
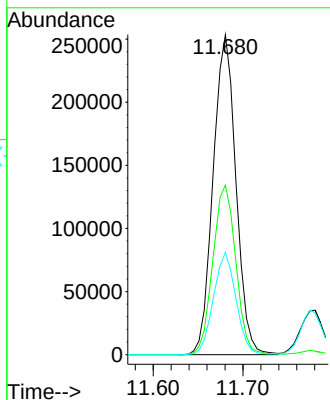
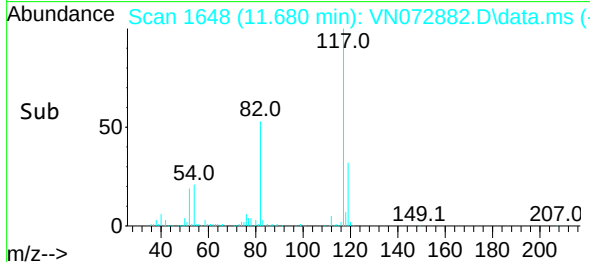
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



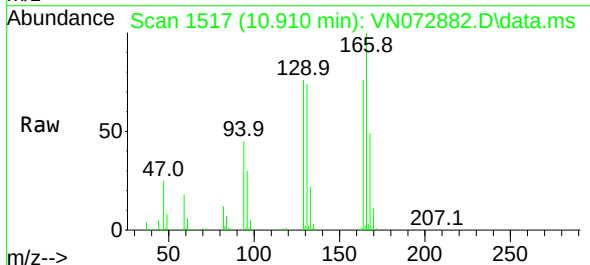
Tgt Ion:117 Resp: 447390
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

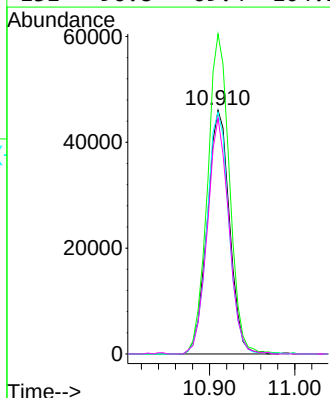
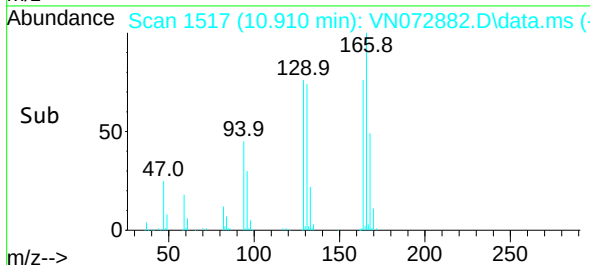
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

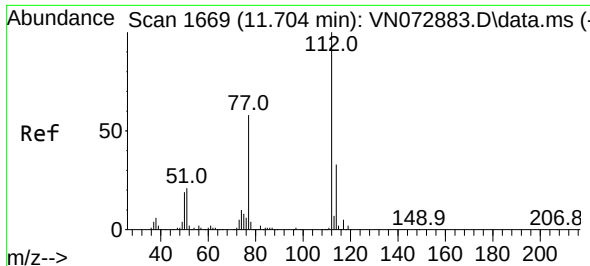


#64
Tetrachloroethene
Concen: 19.487 ug/l
RT: 10.910 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



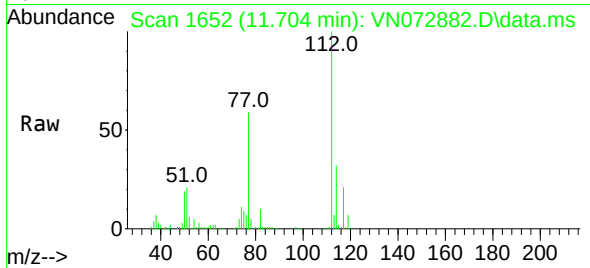
Tgt Ion:164 Resp: 83707
Ion Ratio Lower Upper
164 100
166 131.3 104.2 156.2
129 99.2 73.9 110.9
131 96.8 69.4 104.2





#65
Chlorobenzene
Concen: 19.673 ug/l
RT: 11.704 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

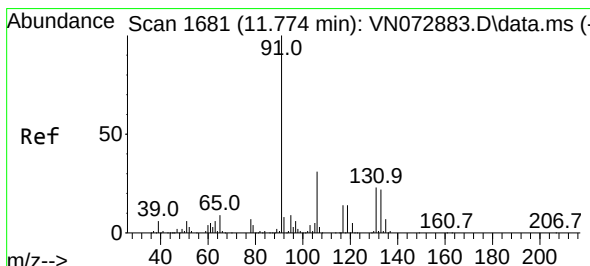
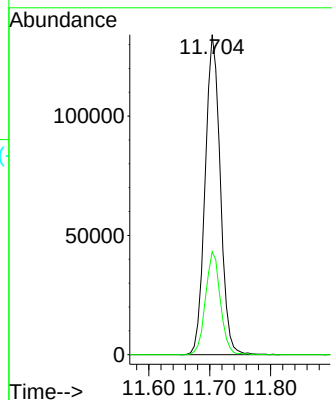
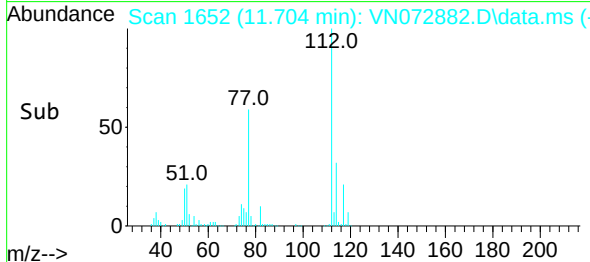
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



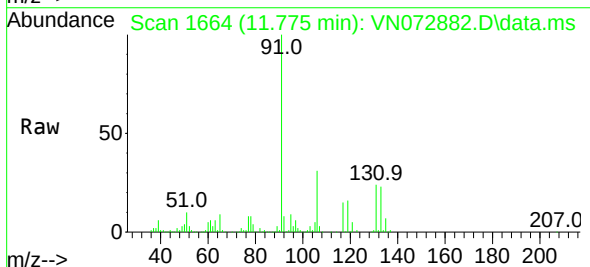
Tgt Ion:112 Resp: 23191
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

Manual Integrations
APPROVED

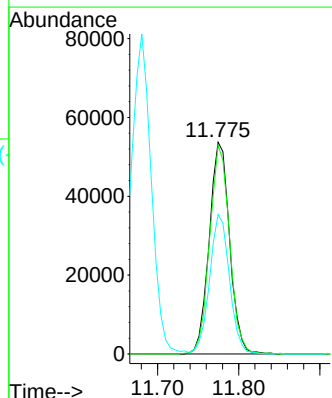
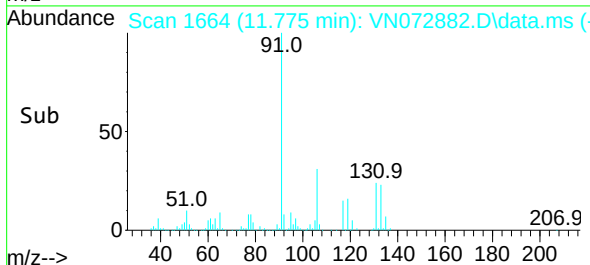
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

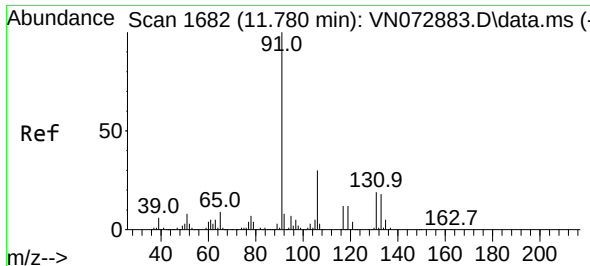


#66
1,1,1,2-Tetrachloroethane
Concen: 20.541 ug/l
RT: 11.775 min Scan# 1664
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



Tgt Ion:131 Resp: 93615
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 64.3 33.4 100.2





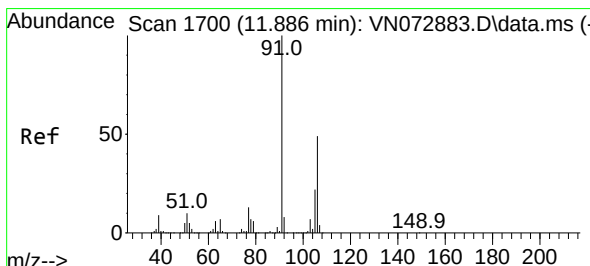
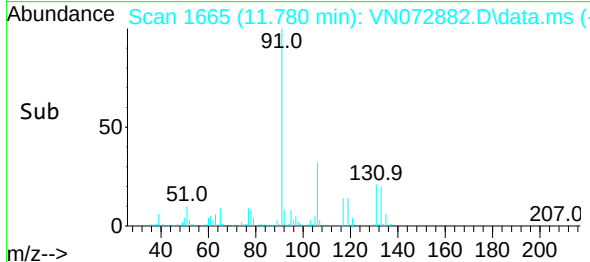
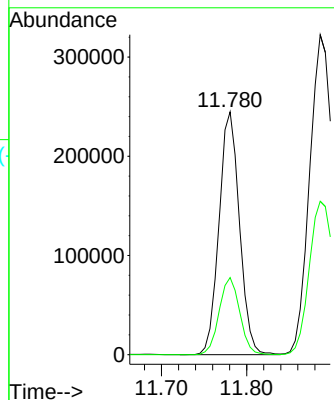
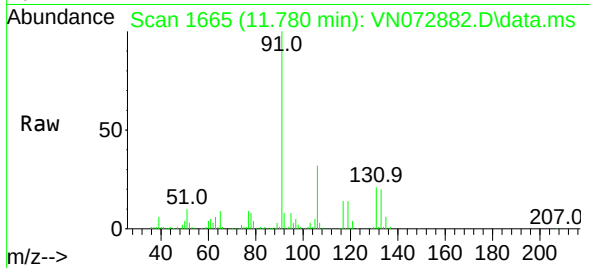
#67
Ethyl Benzene
Concen: 19.604 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 408215
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

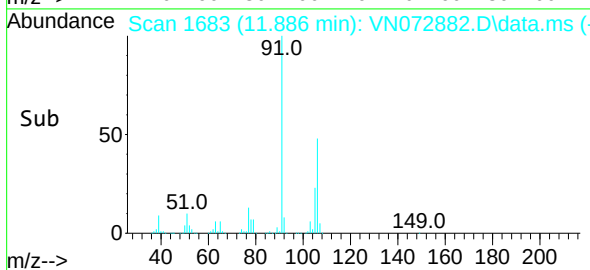
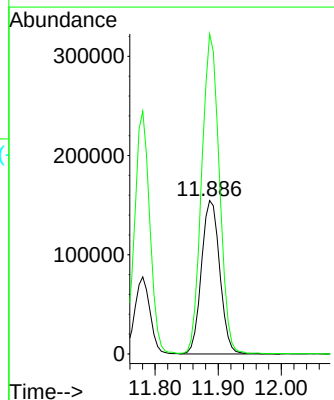
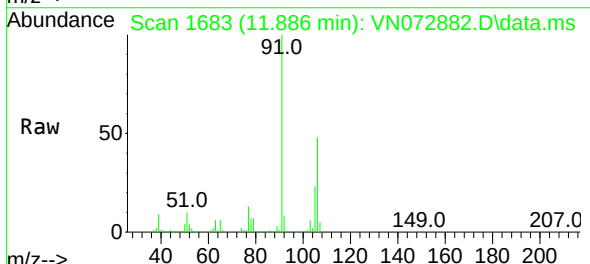
Manual Integrations
APPROVED

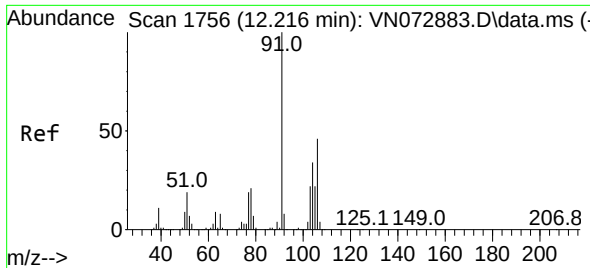
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
m/p-Xylenes
Concen: 38.983 ug/l
RT: 11.886 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

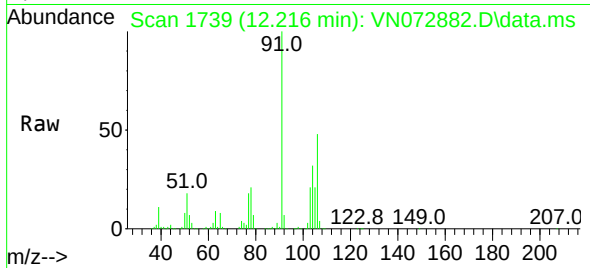
Tgt Ion:106 Resp: 311835
Ion Ratio Lower Upper
106 100
91 201.1 158.9 238.3





#69
o-Xylene
Concen: 19.604 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

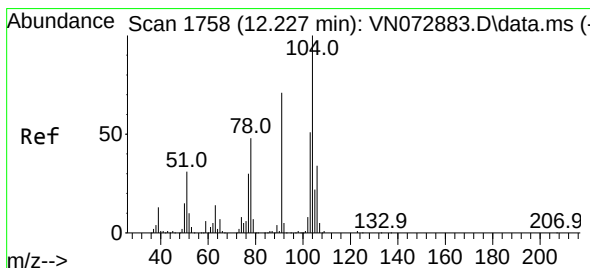
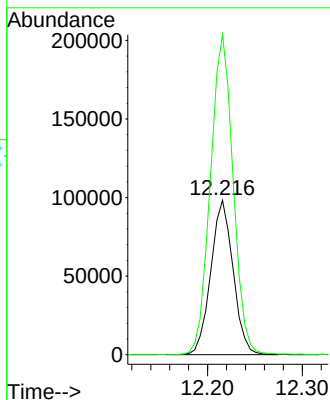
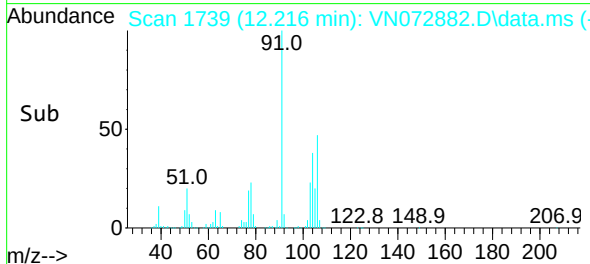
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:106 Resp: 160890
Ion Ratio Lower Upper
106 100
91 211.4 106.0 318.0

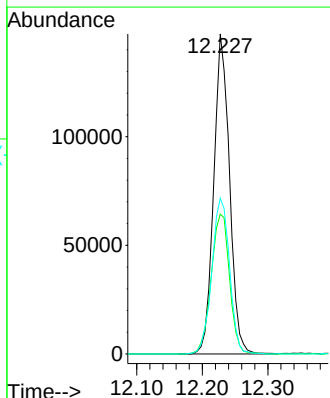
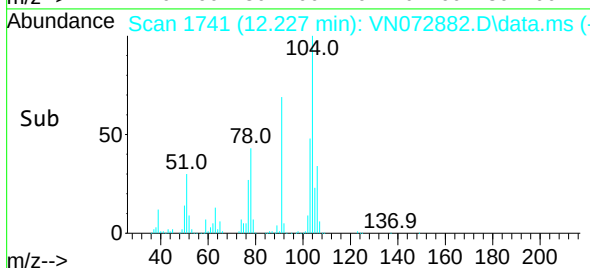
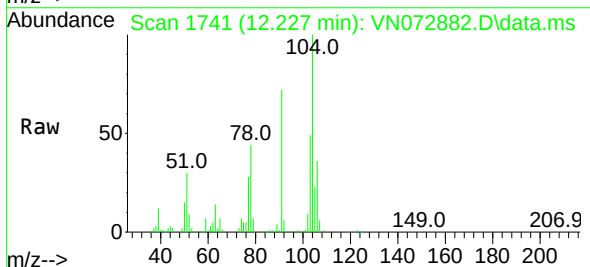
Manual Integrations
APPROVED

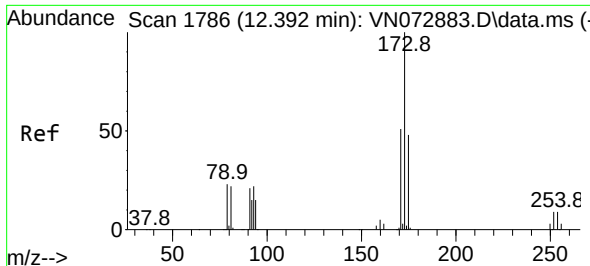
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#70
Styrene
Concen: 19.354 ug/l
RT: 12.227 min Scan# 1741
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

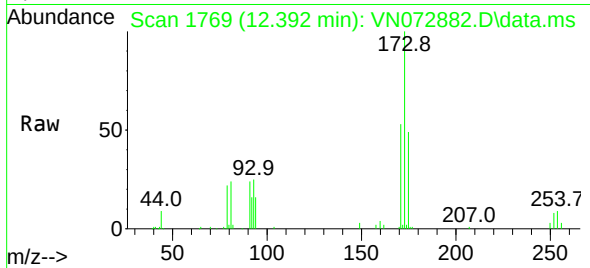
Tgt Ion:104 Resp: 245862
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 19.586 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

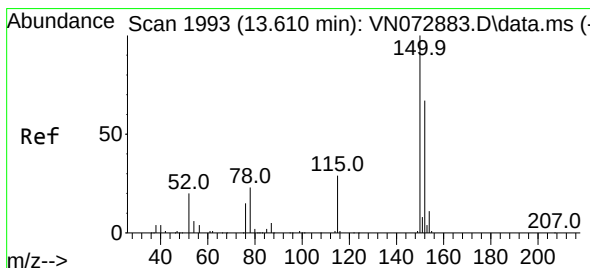
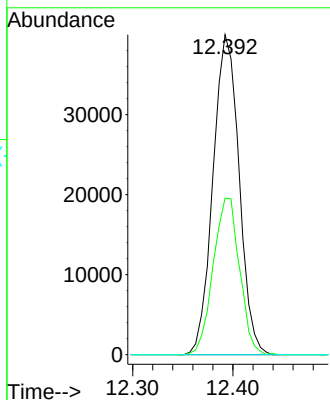
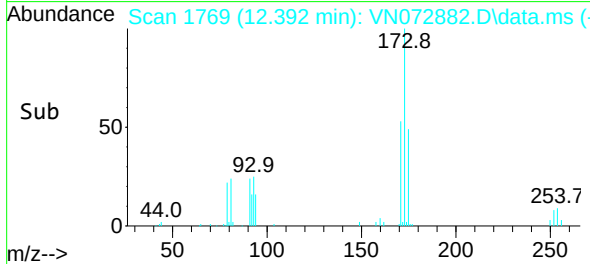
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



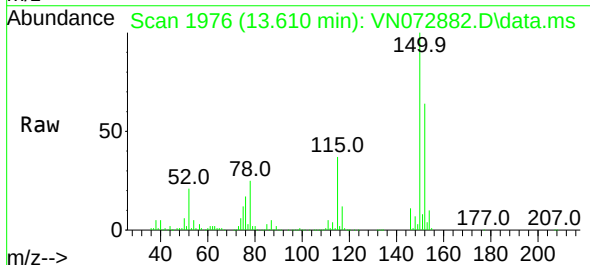
Tgt Ion:173 Resp: 72125
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

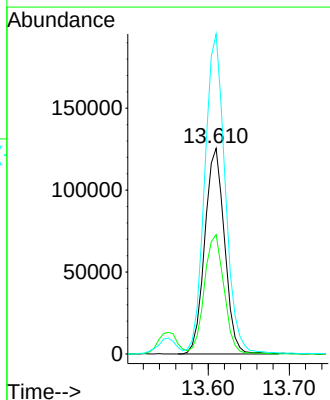
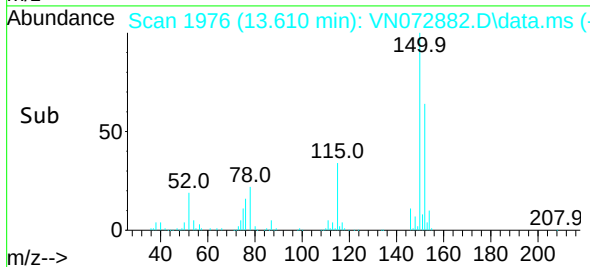
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

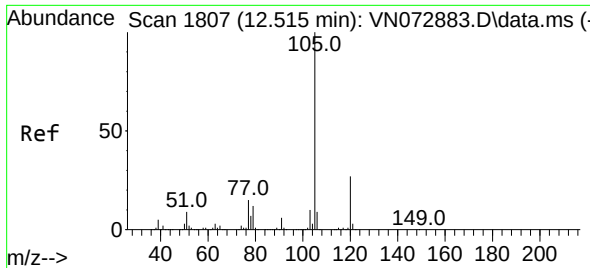


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



Tgt Ion:152 Resp: 212332
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 160.8 0.0 356.2





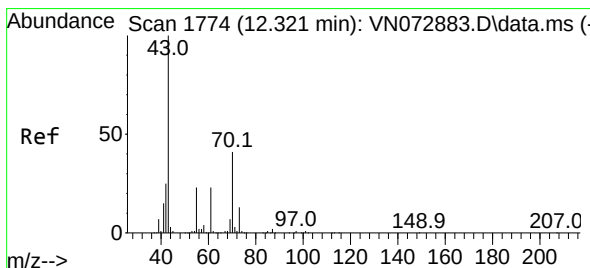
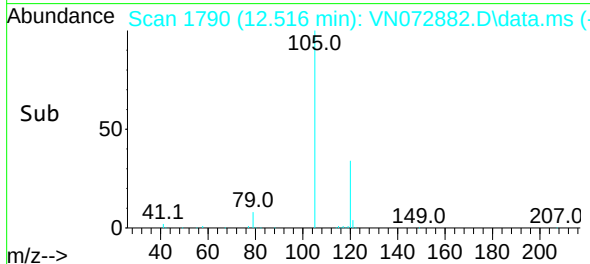
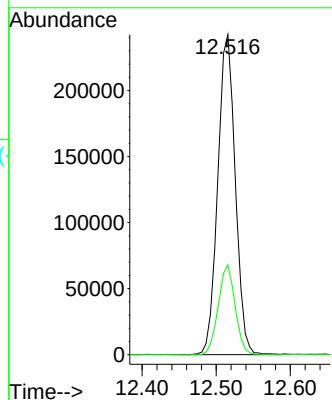
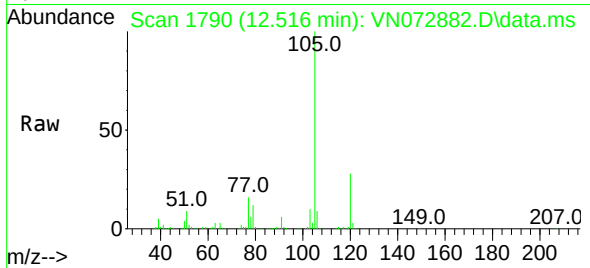
#73
Isopropylbenzene
Concen: 19.623 ug/l
RT: 12.516 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 397340
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

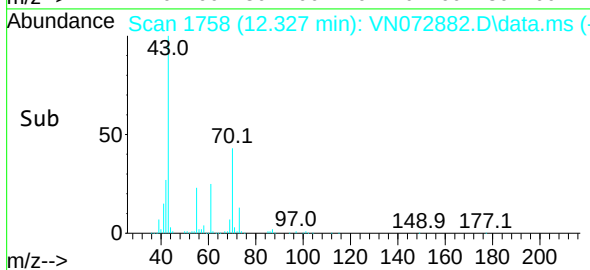
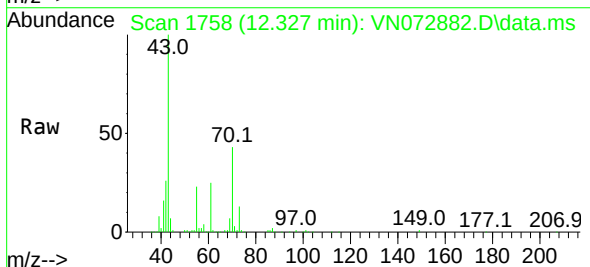
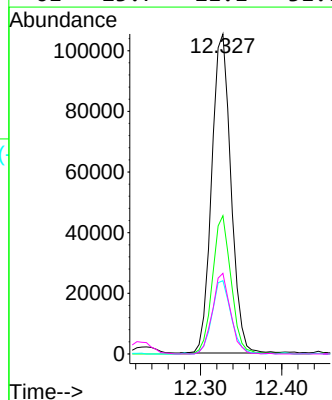
Manual Integrations
APPROVED

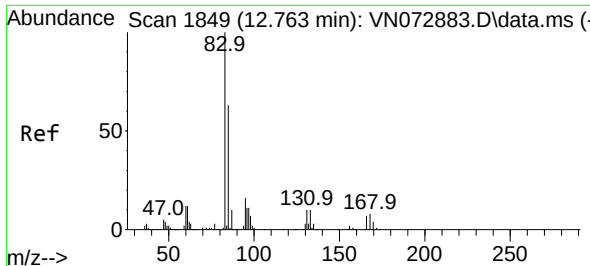
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#74
N-aryl acetate
Concen: 19.936 ug/l
RT: 12.327 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

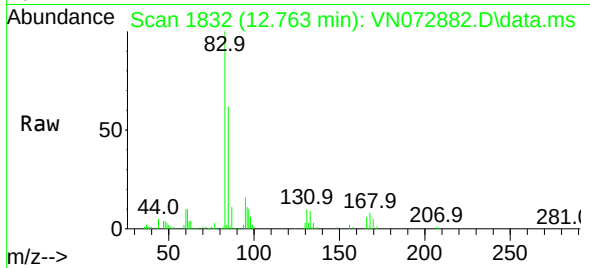
Tgt Ion: 43 Resp: 172749
Ion Ratio Lower Upper
43 100
70 42.1 39.0 58.4
55 22.9 21.1 31.7
61 23.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.476 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

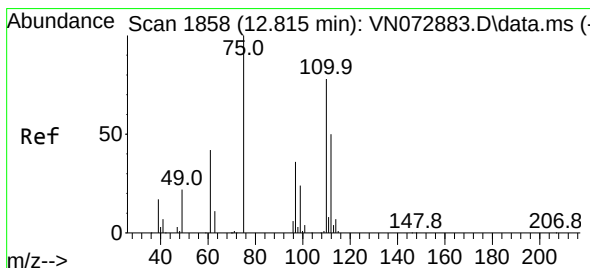
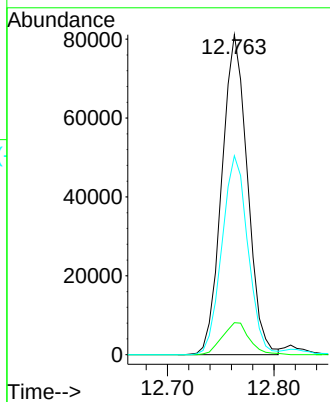
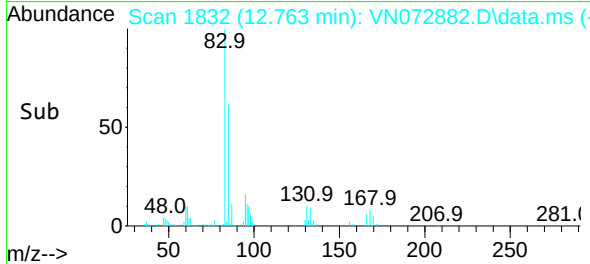
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



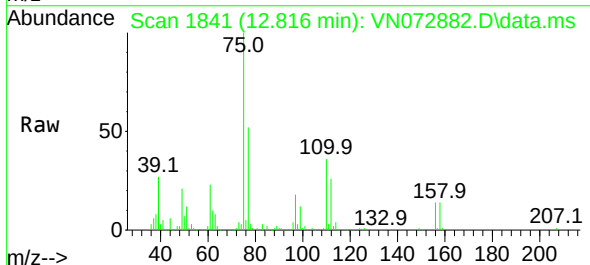
Tgt Ion: 83 Resp: 13556
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 63.1 32.3 96.9

Manual Integrations
APPROVED

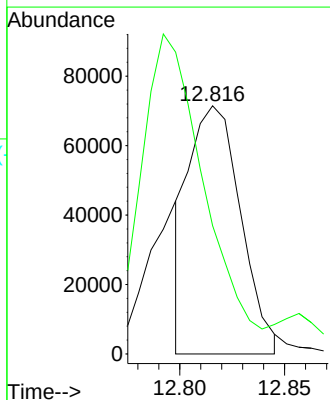
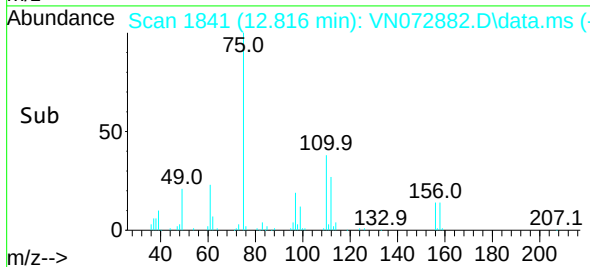
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

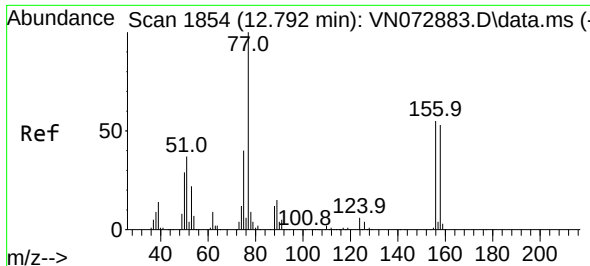


#76
1,2,3-Trichloropropane
Concen: 19.326 ug/l m
RT: 12.816 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



Tgt Ion: 75 Resp: 122334
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





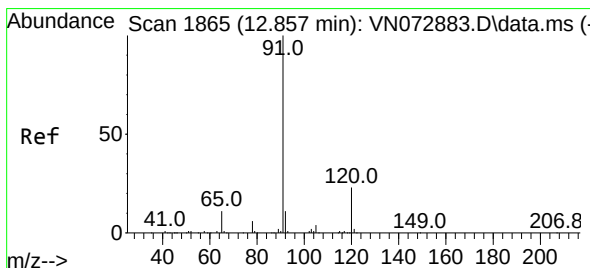
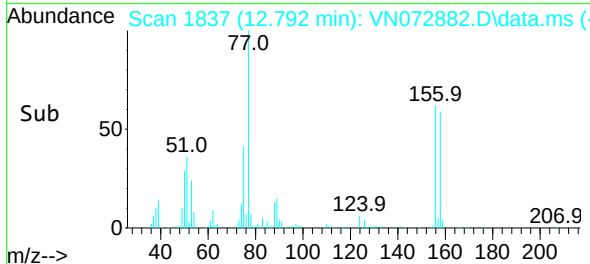
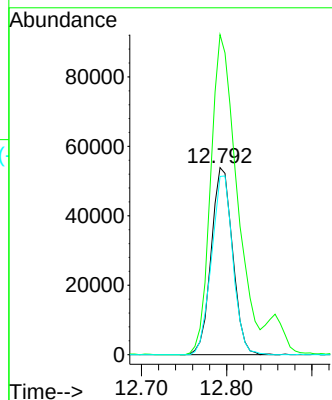
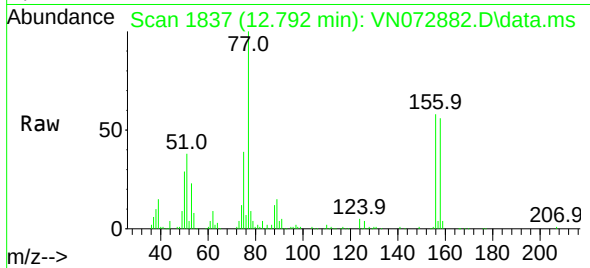
#77
Bromobenzene
Concen: 19.888 ug/l
RT: 12.792 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 94115
Ion Ratio Lower Upper
156 100
77 208.2 100.5 301.5
158 95.6 48.9 146.6

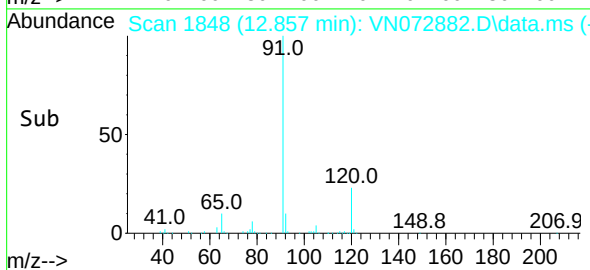
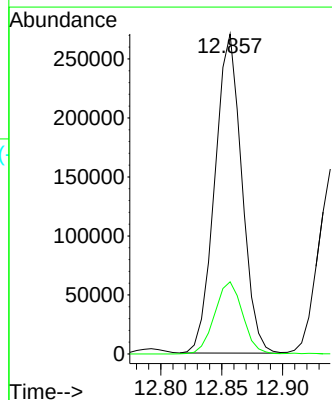
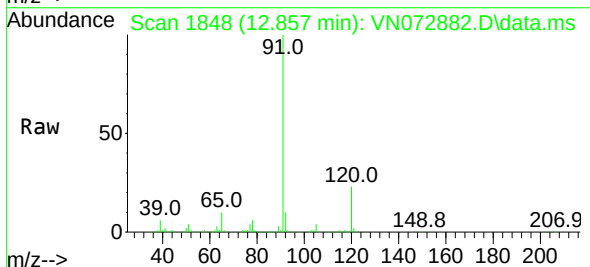
Manual Integrations
APPROVED

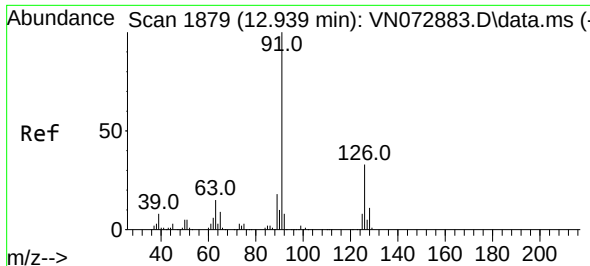
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#78
n-propylbenzene
Concen: 19.732 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Tgt Ion: 91 Resp: 416695
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





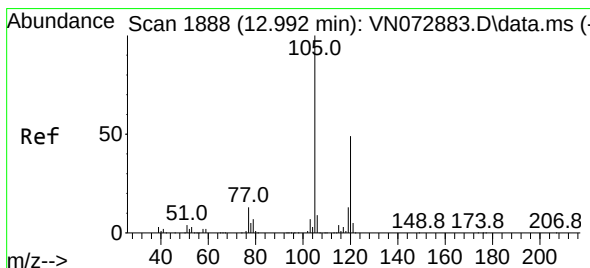
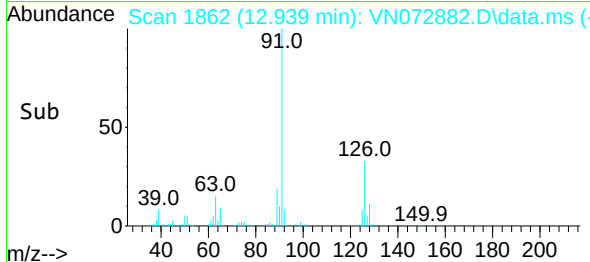
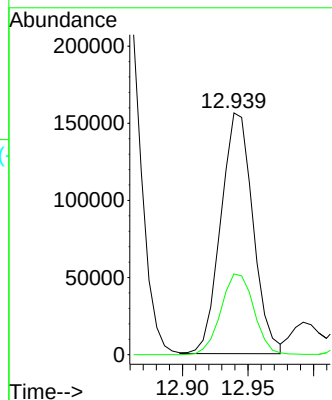
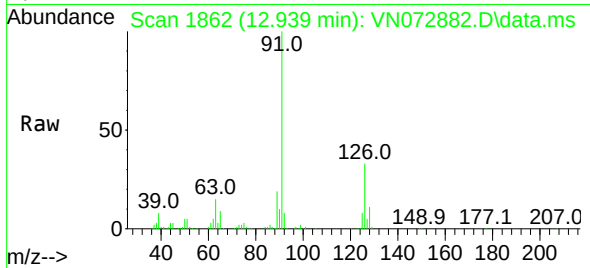
#79
2-Chlorotoluene
Concen: 19.380 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 266763
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.9

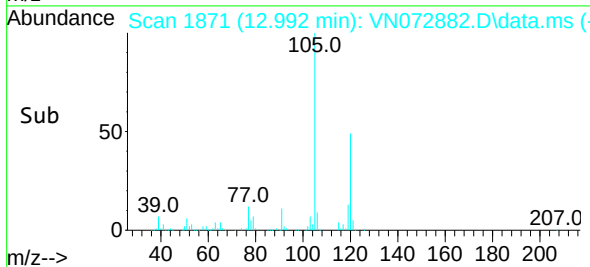
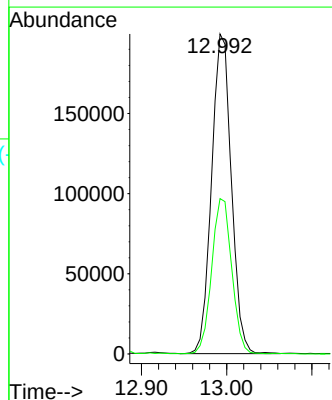
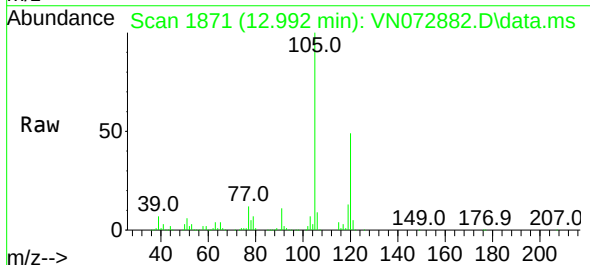
Manual Integrations
APPROVED

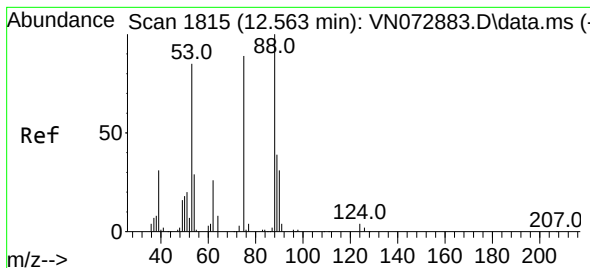
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.788 ug/l
RT: 12.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

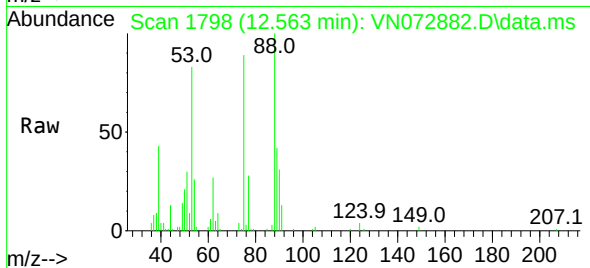
Tgt Ion:105 Resp: 321100
Ion Ratio Lower Upper
105 100
120 49.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.733 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

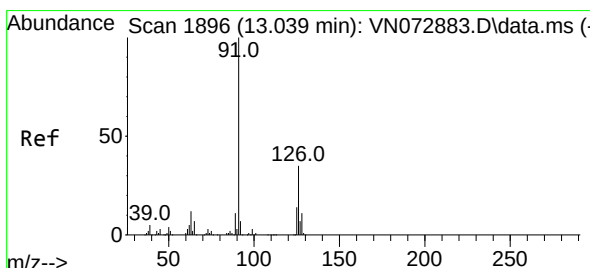
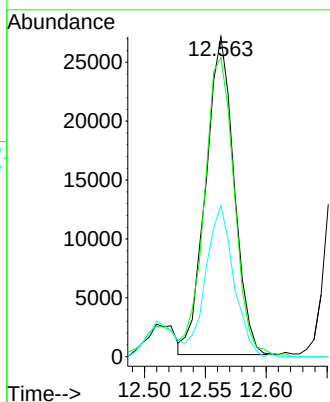
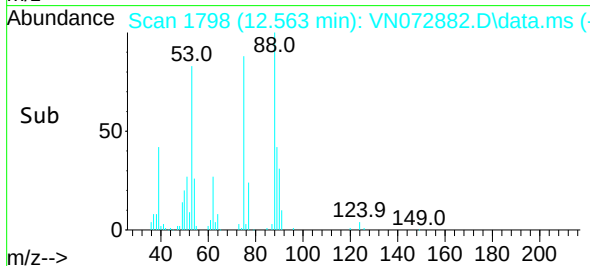
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



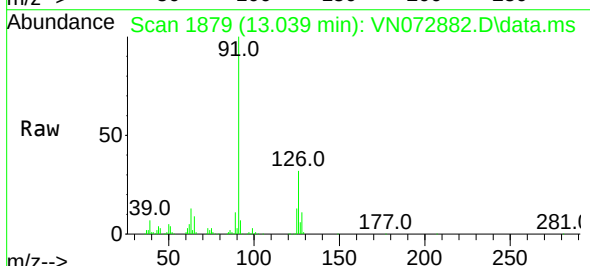
Tgt Ion: 75 Resp: 4379
Ion Ratio Lower Upper
75 100
53 99.7 78.0 117.0
89 46.7 37.2 55.8

Manual Integrations
APPROVED

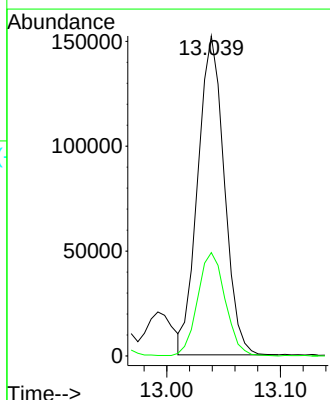
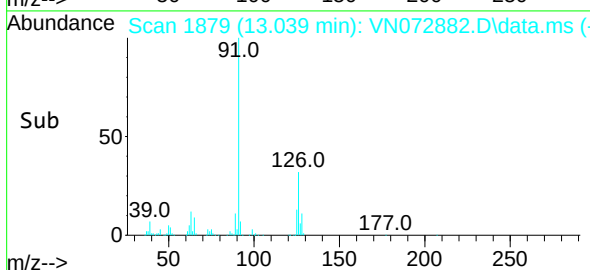
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

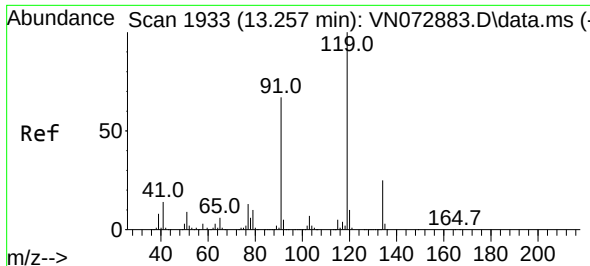


#82
4-Chlorotoluene
Concen: 19.371 ug/l
RT: 13.039 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



Tgt Ion: 91 Resp: 245738
Ion Ratio Lower Upper
91 100
126 33.9 17.2 51.6





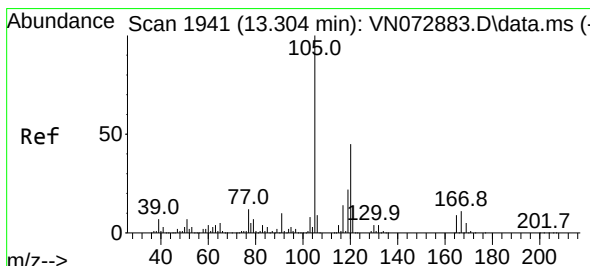
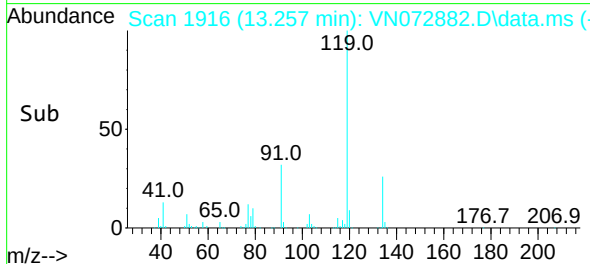
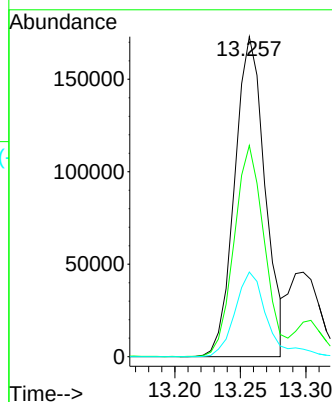
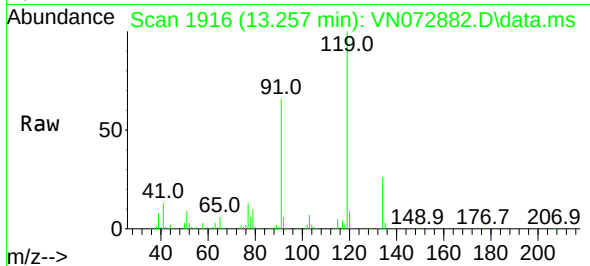
#83
tert-Butylbenzene
Concen: 19.253 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 279639
Ion Ratio Lower Upper
119 100
91 66.0 31.6 94.8
134 28.1 13.7 41.1

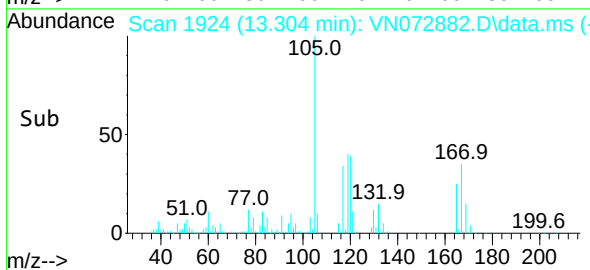
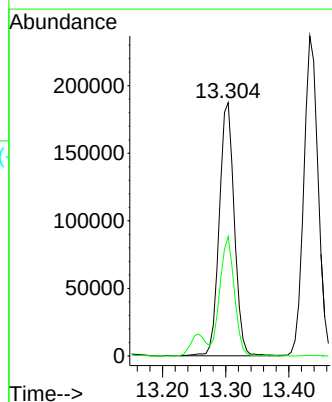
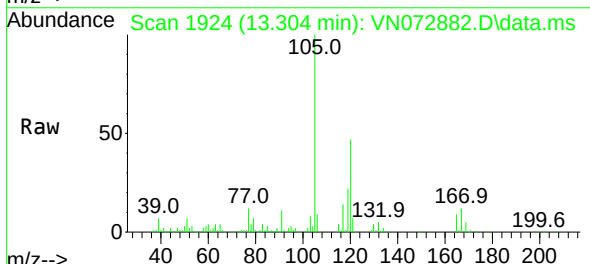
Manual Integrations
APPROVED

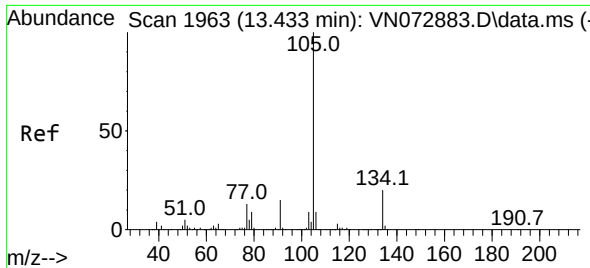
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.844 ug/l
RT: 13.304 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Tgt Ion:105 Resp: 309575
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





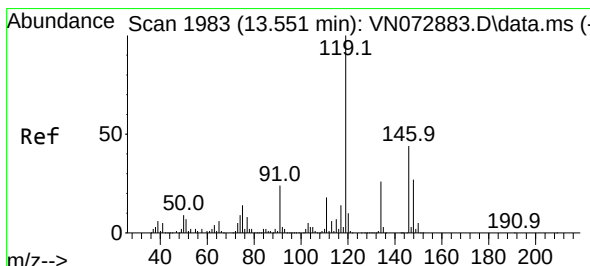
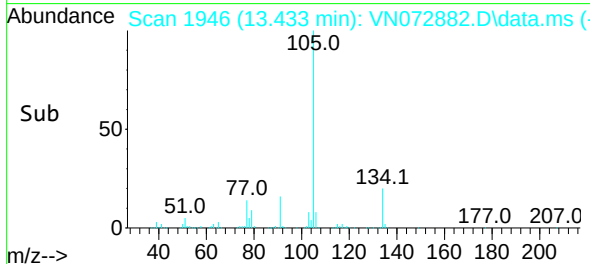
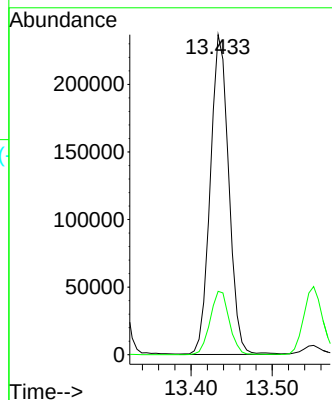
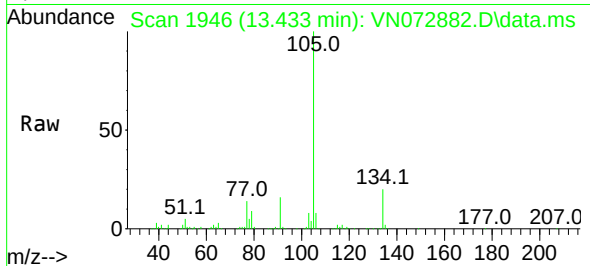
#85
 sec-Butylbenzene
 Concen: 19.859 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN072882.D
 Acq: 16 Jun 2022 11:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 373940
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

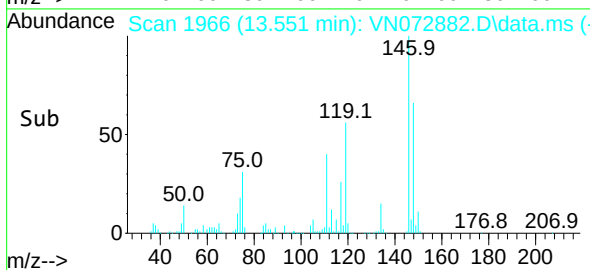
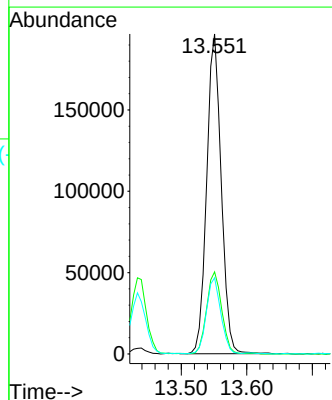
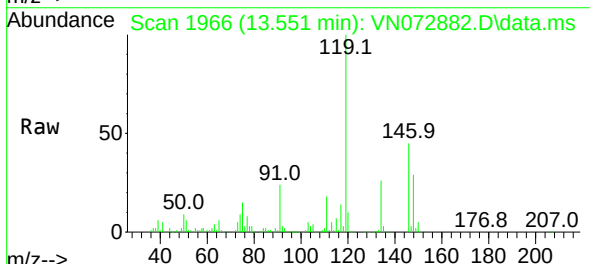
Manual Integrations
 APPROVED

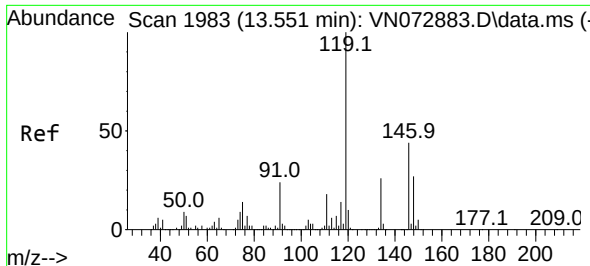
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 19.962 ug/l
 RT: 13.551 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN072882.D
 Acq: 16 Jun 2022 11:52

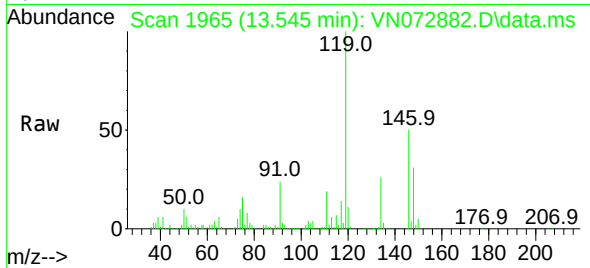
Tgt Ion:119 Resp: 303387
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.592 ug/l
RT: 13.545 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

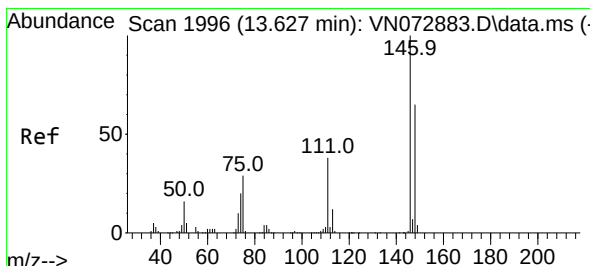
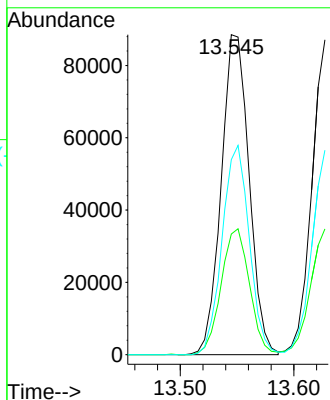
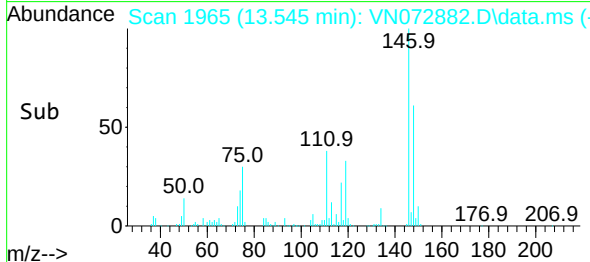
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



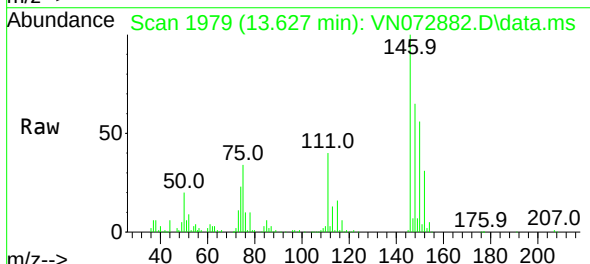
Tgt Ion:146 Resp: 151028
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 63.9 32.0 96.0

Manual Integrations
APPROVED

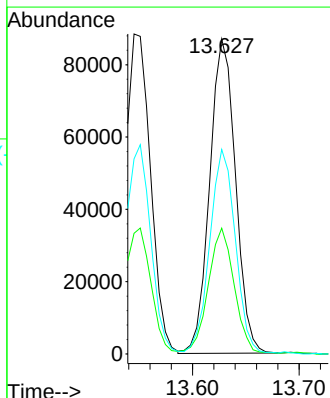
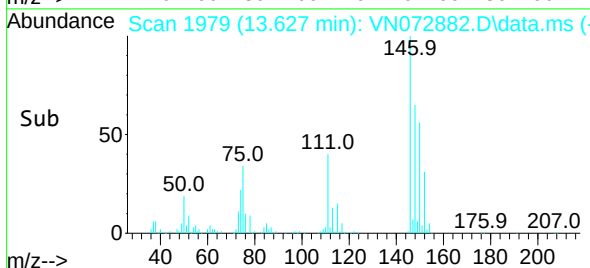
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

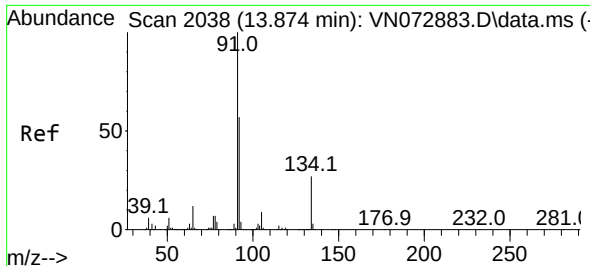


#88
1,4-Dichlorobenzene
Concen: 18.847 ug/l
RT: 13.627 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



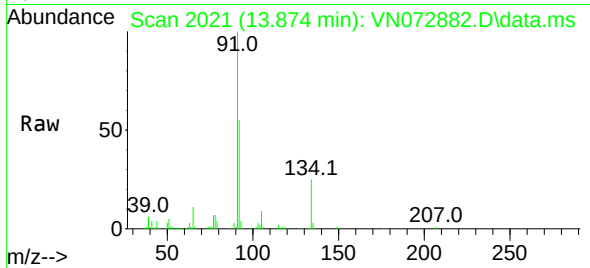
Tgt Ion:146 Resp: 146288
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.1
148 64.2 31.4 94.3





#89
n-Butylbenzene
Concen: 19.580 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

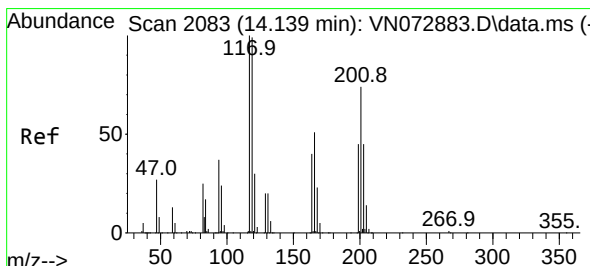
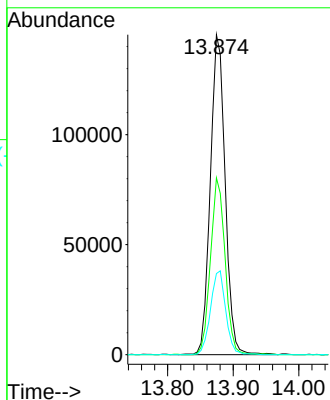
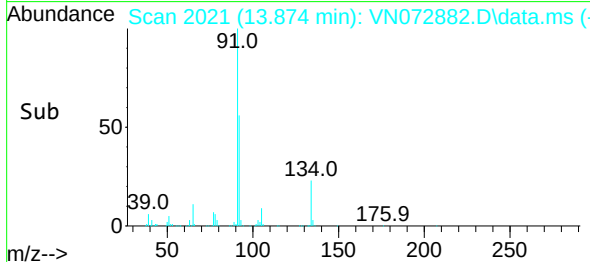
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 228728
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.7
134 26.9 13.6 40.8

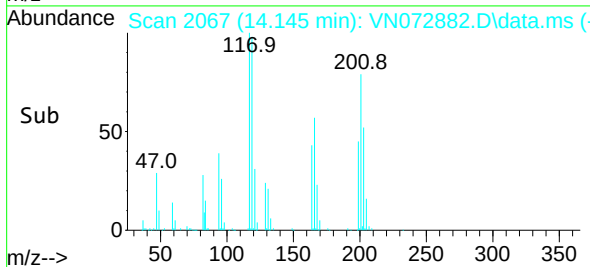
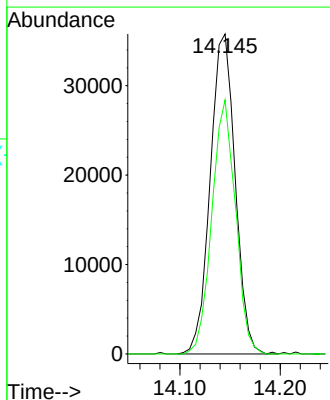
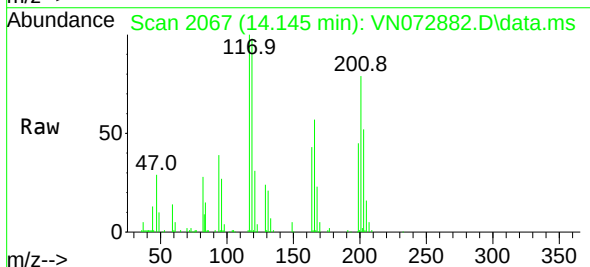
Manual Integrations
APPROVED

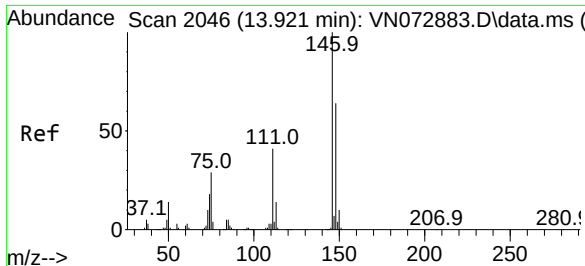
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 18.817 ug/l
RT: 14.145 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

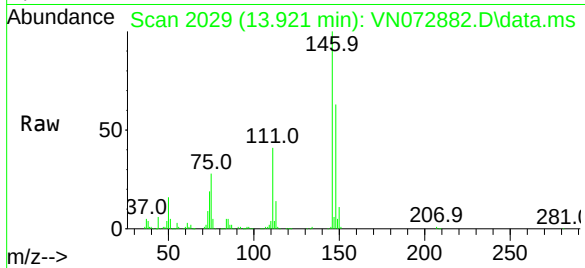
Tgt Ion:117 Resp: 61830
Ion Ratio Lower Upper
117 100
201 75.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.629 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

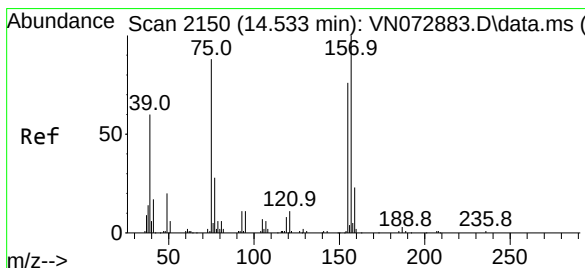
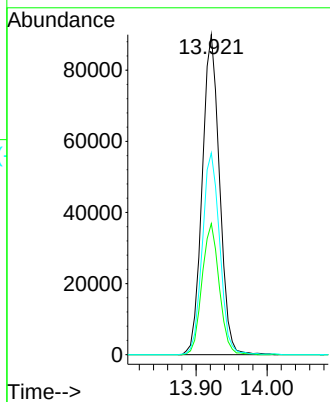
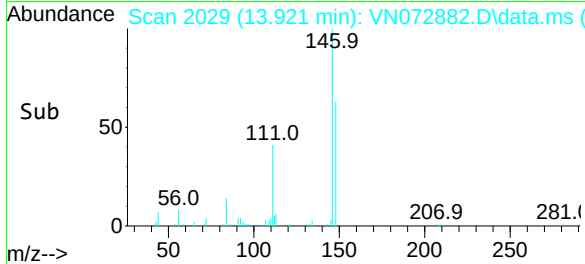
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



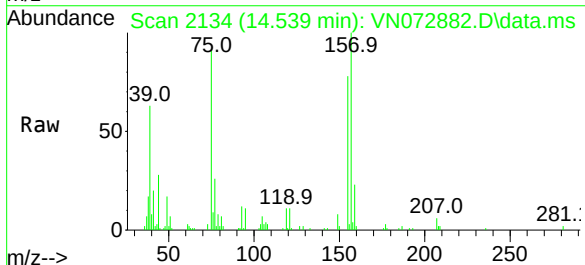
Tgt Ion:146 Resp: 15303
Ion Ratio Lower Upper
146 100
111 40.5 20.9 62.8
148 63.4 32.1 96.3

Manual Integrations
APPROVED

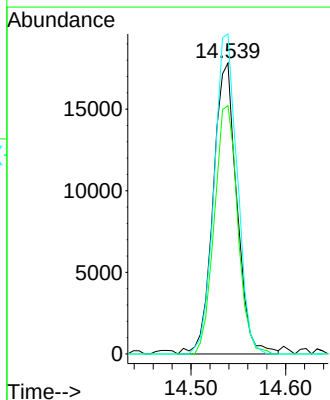
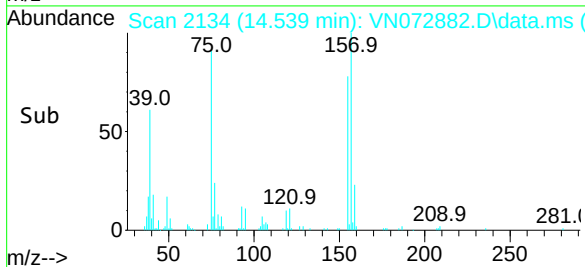
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

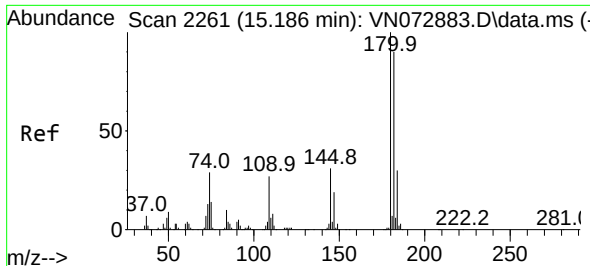


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.355 ug/l
RT: 14.539 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



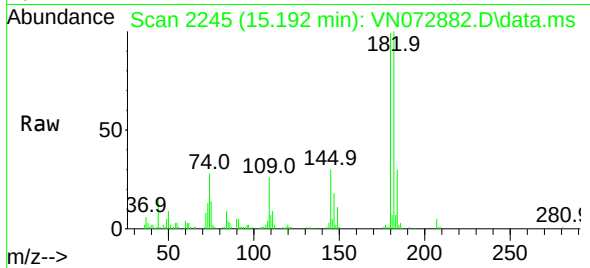
Tgt Ion: 75 Resp: 31102
Ion Ratio Lower Upper
75 100
155 83.4 44.9 134.5
157 106.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 19.869 ug/l
RT: 15.192 min Scan# 2245
Delta R.T. 0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

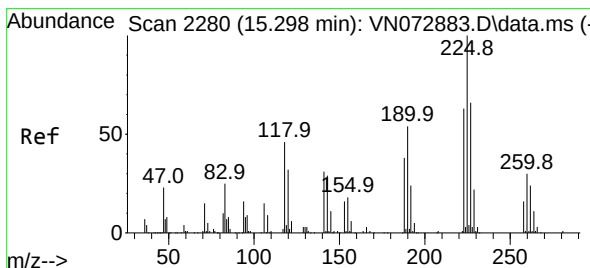
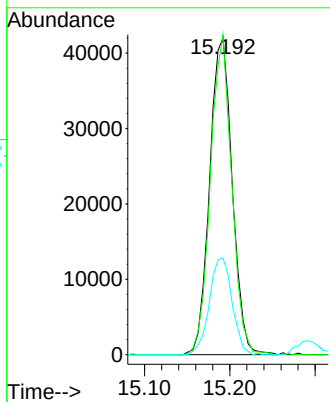
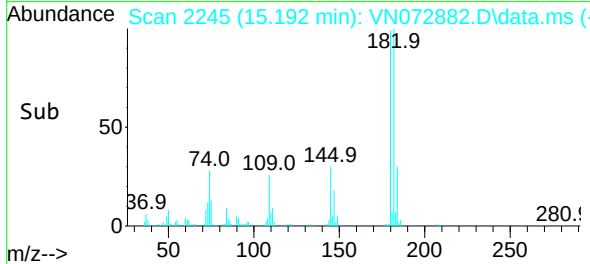
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



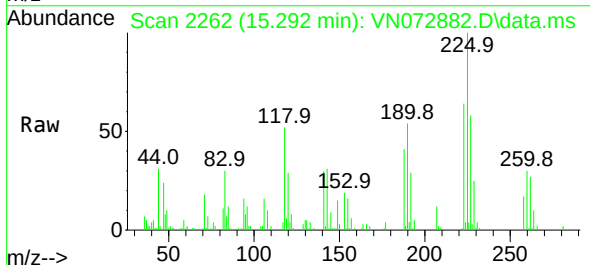
Tgt Ion:180 Resp: 77412
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.5
145 30.7 14.5 43.5

Manual Integrations
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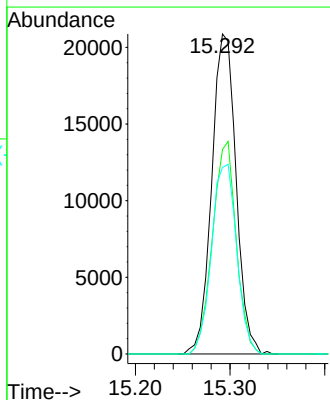
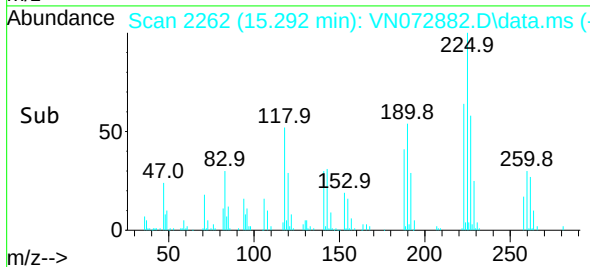
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

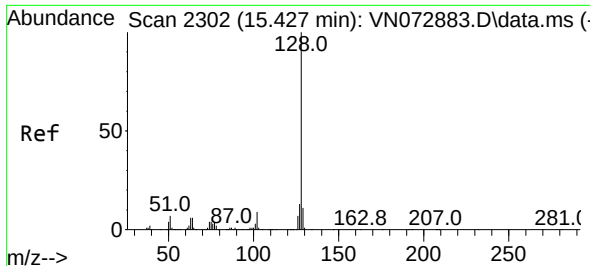


#94
Hexachlorobutadiene
Concen: 19.313 ug/l
RT: 15.292 min Scan# 2262
Delta R.T. -0.006 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52



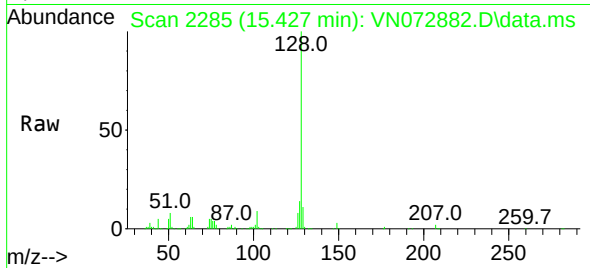
Tgt Ion:225 Resp: 37245
Ion Ratio Lower Upper
225 100
223 64.8 32.4 97.2
227 61.3 31.8 95.4





#95
Naphthalene
Concen: 20.509 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

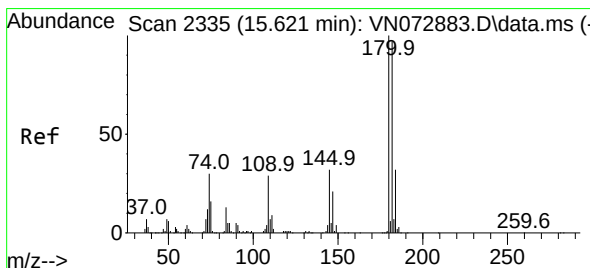
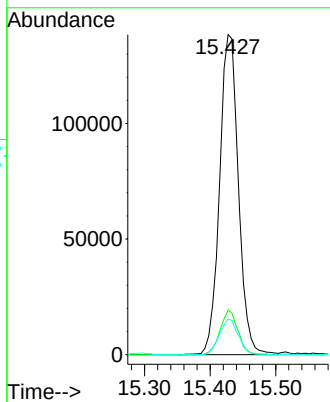
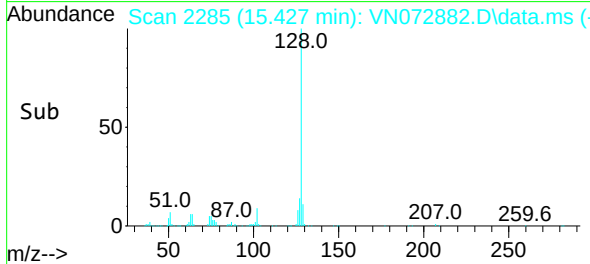
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 275898
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.730 ug/l
RT: 15.621 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN072882.D
Acq: 16 Jun 2022 11:52

Tgt Ion:180 Resp: 80202
Ion Ratio Lower Upper
180 100
182 93.7 47.8 143.3
145 32.9 15.5 46.5

