

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072880.D
 Acq On : 16 Jun 2022 11:03
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jun 17 05:34:06 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	283146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	453763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	457218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	199897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	26993	5.160	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	10.320%#		
35) Dibromofluoromethane	7.951	113	21496	5.215	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	10.440%#		
50) Toluene-d8	10.374	98	88347	5.476	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.960%#		
62) 4-Bromofluorobenzene	12.668	95	28371	5.069	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	10.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	18469	4.680	ug/l	98
3) Chloromethane	2.269	50	22117	4.886	ug/l	100
4) Vinyl Chloride	2.410	62	16556	4.768	ug/l	95
5) Bromomethane	2.787	94	7388	5.444	ug/l	86
6) Chloroethane	2.957	64	10236	5.014	ug/l	97
7) Trichlorofluoromethane	3.310	101	32289	4.899	ug/l	96
8) Diethyl Ether	3.775	74	14226	5.123	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.140	101	19255	5.165	ug/l	98
10) Methyl Iodide	4.357	142	21034	4.464	ug/l	99
11) Tert butyl alcohol	5.298	59	36625	26.890	ug/l	99
12) 1,1-Dichloroethene	4.110	96	19856	5.028	ug/l	86
13) Acrolein	3.981	56	14129	32.879	ug/l	99
14) Allyl chloride	4.757	41	39931	4.989	ug/l	96
15) Acrylonitrile	5.475	53	74371	25.162	ug/l	100
16) Acetone	4.228	43	66325	25.119	ug/l	99
17) Carbon Disulfide	4.457	76	52442	4.907	ug/l	99
18) Methyl Acetate	4.781	43	37838	5.027	ug/l	94
19) Methyl tert-butyl Ether	5.534	73	73747	5.105	ug/l	95
20) Methylene Chloride	5.016	84	24166	5.117	ug/l	89
21) trans-1,2-Dichloroethene	5.522	96	21437	5.131	ug/l #	78
22) Diisopropyl ether	6.416	45	74489	5.034	ug/l	99
23) Vinyl Acetate	6.351	43	336446	25.016	ug/l	96
24) 1,1-Dichloroethane	6.304	63	38536	4.974	ug/l	99
25) 2-Butanone	7.263	43	107326	25.521	ug/l #	88
26) 2,2-Dichloropropane	7.239	77	37980	5.427	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	24987	4.934	ug/l	97
28) Bromochloromethane	7.586	49	16531	4.980	ug/l	96
29) Tetrahydrofuran	7.616	42	68500	24.570	ug/l	94
30) Chloroform	7.745	83	40503	5.066	ug/l	95
31) Cyclohexane	8.016	56	38427	5.479	ug/l #	88
32) 1,1,1-Trichloroethane	7.945	97	36061	5.094	ug/l	99
36) 1,1-Dichloropropene	8.151	75	28851	5.125	ug/l	97
37) Ethyl Acetate	7.339	43	40837	5.013	ug/l	97
38) Carbon Tetrachloride	8.128	117	30524	5.036	ug/l	97
39) Methylcyclohexane	9.392	83	35108	5.025	ug/l	95
40) Benzene	8.386	78	90891	5.068	ug/l	100

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
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Quant Time: Jun 17 05:34:06 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)
41) Methacrylonitrile	7.569	41	22290	5.256	ug/l #	85
42) 1,2-Dichloroethane	8.463	62	33452	5.173	ug/l	100
43) Isopropyl Acetate	8.492	43	61954	4.886	ug/l	98
44) Trichloroethene	9.145	130	24235	5.054	ug/l	93
45) 1,2-Dichloropropane	9.422	63	23309	5.150	ug/l	98
46) Dibromomethane	9.510	93	16165	5.147	ug/l	99
47) Bromodichloromethane	9.692	83	31950	5.022	ug/l	95
48) Methyl methacrylate	9.492	41	28418	4.907	ug/l	94
49) 1,4-Dioxane	9.504	88	11663	95.071	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	207844	25.340	ug/l	93
52) Toluene	10.439	92	59485	5.125	ug/l	99
53) t-1,3-Dichloropropene	10.651	75	36195	4.994	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	37656	5.004	ug/l #	89
55) 1,1,2-Trichloroethane	10.833	97	23741	5.066	ug/l	92
56) Ethyl methacrylate	10.692	69	40002	5.027	ug/l #	89
57) 1,3-Dichloropropane	10.980	76	42444	5.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	70594	25.096	ug/l	99
59) 2-Hexanone	11.022	43	155893	25.596	ug/l	92
60) Dibromochloromethane	11.169	129	25519	5.076	ug/l	97
61) 1,2-Dibromoethane	11.280	107	25774	5.054	ug/l	97
64) Tetrachloroethene	10.910	164	23131	5.269	ug/l	90
65) Chlorobenzene	11.704	112	61073	5.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.774	131	23994	5.151	ug/l	98
67) Ethyl Benzene	11.780	91	109781	5.159	ug/l	95
68) m/p-Xylenes	11.886	106	82787	10.127	ug/l	98
69) o-Xylene	12.216	106	43929	5.237	ug/l	98
70) Styrene	12.227	104	67055	5.165	ug/l	98
71) Bromoform	12.392	173	18740	4.979	ug/l #	97
73) Isopropylbenzene	12.516	105	107748	5.652	ug/l	99
74) N-amyl acetate	12.327	43	42549	5.216	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.763	83	34611	5.553	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	31185m	5.233	ug/l	
77) Bromobenzene	12.792	156	23894	5.363	ug/l	92
78) n-propylbenzene	12.857	91	105998	5.332	ug/l	99
79) 2-Chlorotoluene	12.939	91	69410	5.356	ug/l	100
80) 1,3,5-Trimethylbenzene	12.992	105	83651	5.476	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	10929	5.231	ug/l	91
82) 4-Chlorotoluene	13.039	91	62047	5.195	ug/l	100
83) tert-Butylbenzene	13.257	119	75429	5.516	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	79306	5.400	ug/l	98
85) sec-Butylbenzene	13.433	105	91731	5.175	ug/l	99
86) p-Isopropyltoluene	13.551	119	76233	5.328	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	36692	5.056	ug/l	98
88) 1,4-Dichlorobenzene	13.627	146	37081	5.075	ug/l	97
89) n-Butylbenzene	13.874	91	54926	4.994	ug/l	98
90) Hexachloroethane	14.139	117	16963	5.484	ug/l	89
91) 1,2-Dichlorobenzene	13.921	146	38960	5.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	7641	5.051	ug/l	91
93) 1,2,4-Trichlorobenzene	15.186	180	17242	4.701	ug/l	95
94) Hexachlorobutadiene	15.292	225	9696	5.340	ug/l	96
95) Naphthalene	15.433	128	56396	4.453	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	17085	4.691	ug/l	96

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 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VSTDICC005

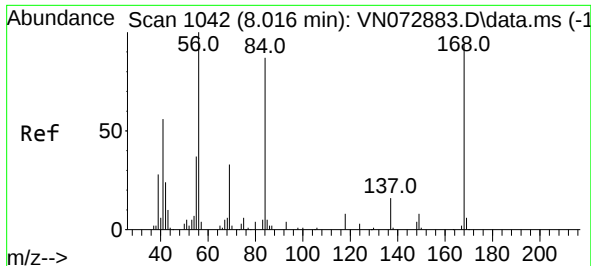
Manual Integrations
APPROVED

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Quant Time: Jun 17 05:34:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

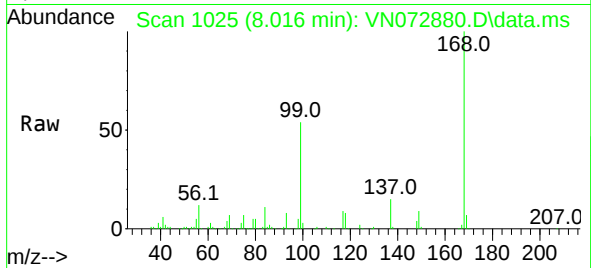
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

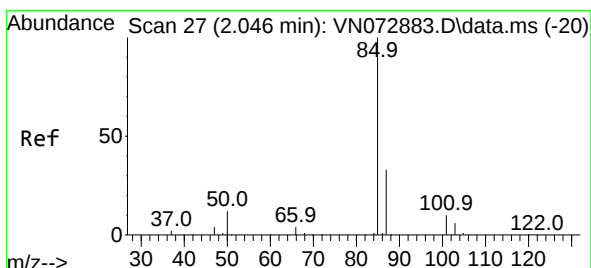
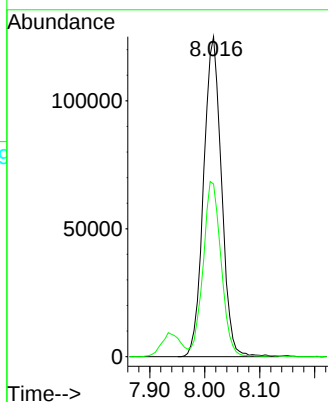
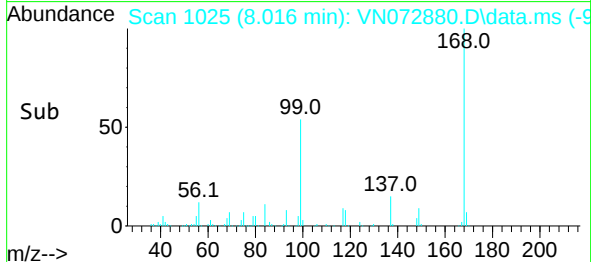
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



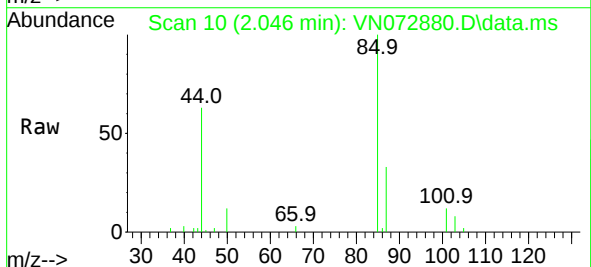
Tgt Ion:168 Resp: 283140
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5

Manual Integrations
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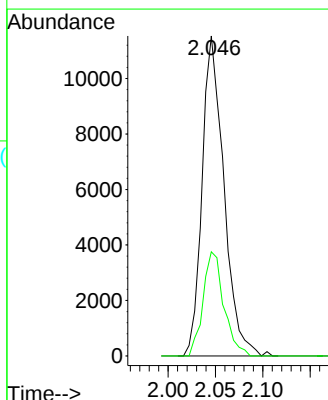
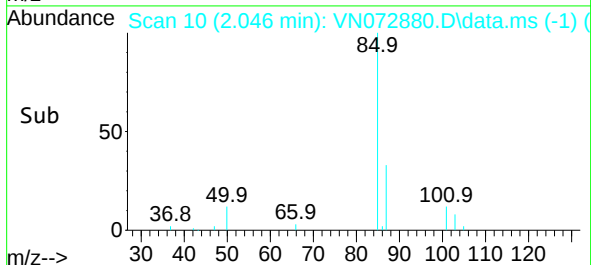
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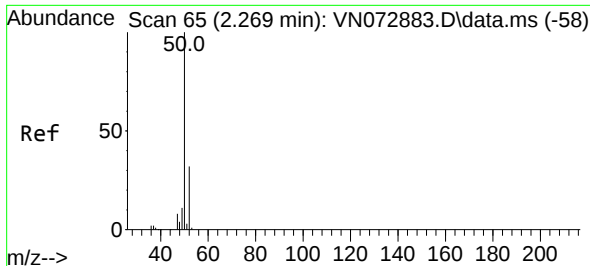


#2
Dichlorodifluoromethane
Concen: 4.680 ug/l
RT: 2.046 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



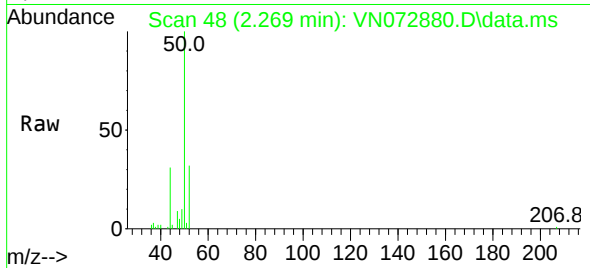
Tgt Ion: 85 Resp: 18469
Ion Ratio Lower Upper
85 100
87 32.6 15.7 47.1





#3
Chloromethane
Concen: 4.886 ug/l
RT: 2.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

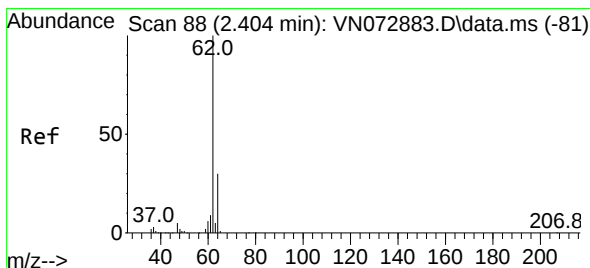
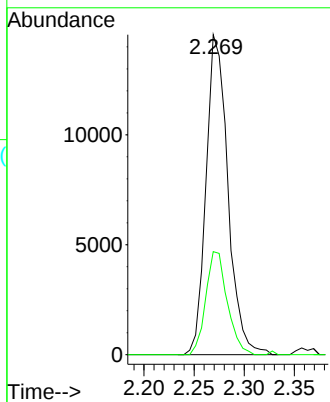
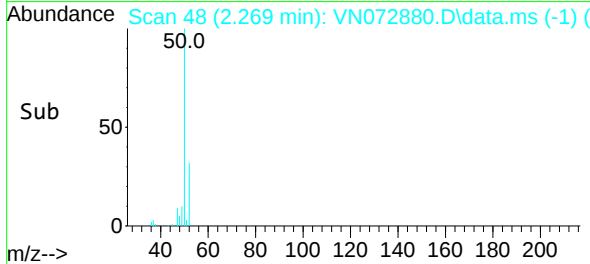
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



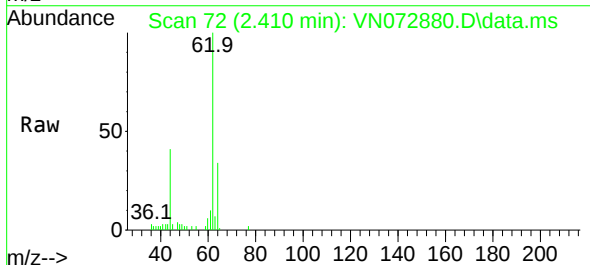
Tgt Ion: 50 Resp: 2211
Ion Ratio Lower Upper
50 100
52 32.2 25.7 38.5

Manual Integrations
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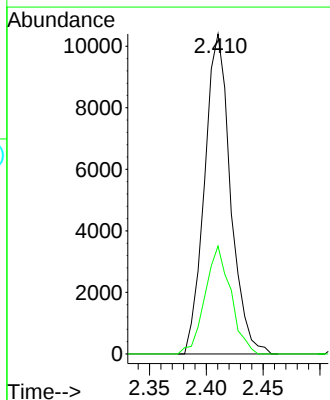
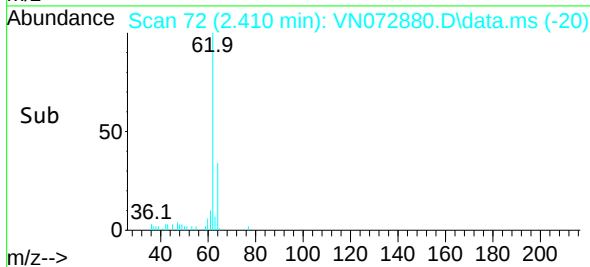
Reviewed By :John Carlone 06/20/2022
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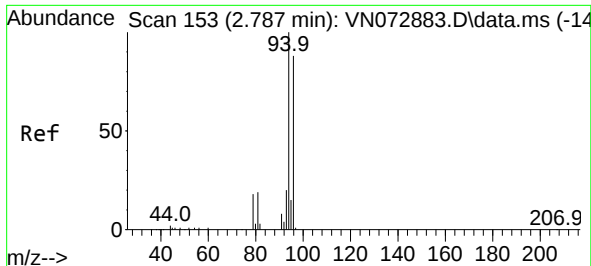


#4
Vinyl Chloride
Concen: 4.768 ug/l
RT: 2.410 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



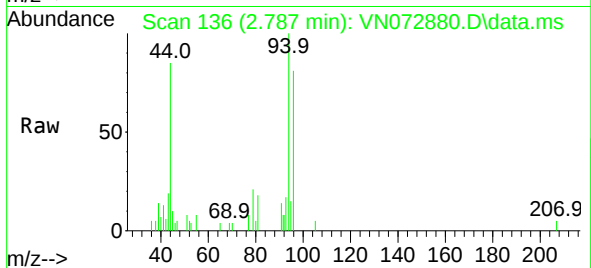
Tgt Ion: 62 Resp: 16556
Ion Ratio Lower Upper
62 100
64 33.7 25.0 37.4





#5
Bromomethane
Concen: 5.444 ug/l
RT: 2.787 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

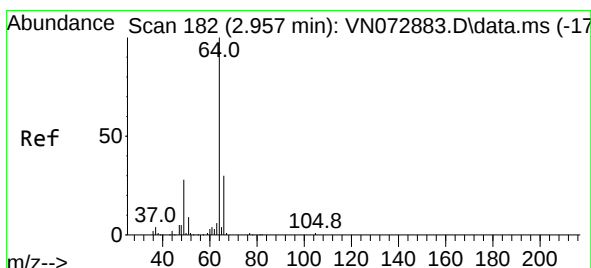
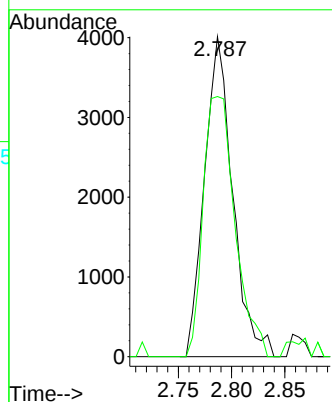
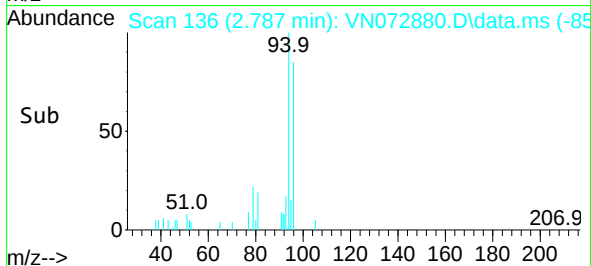
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



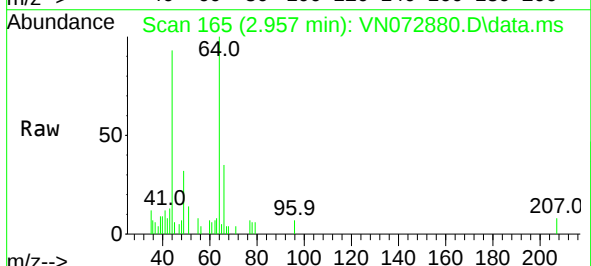
Tgt Ion: 94 Resp: 738
Ion Ratio Lower Upper
94 100
96 81.3 76.0 114.0

Manual Integrations
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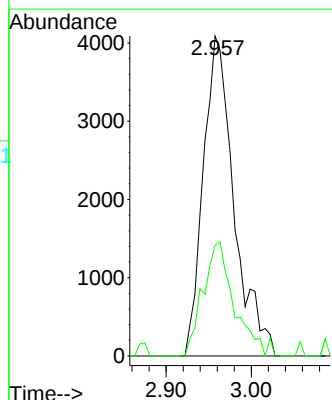
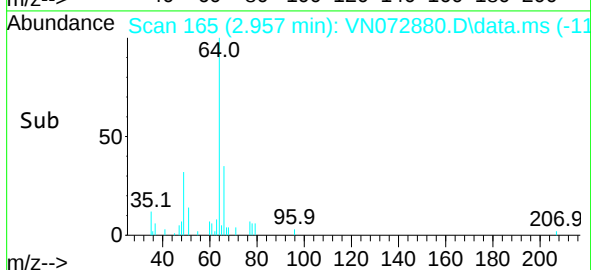
Reviewed By :John Carlone 06/20/2022
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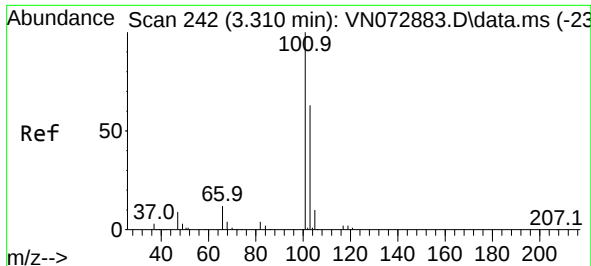


#6
Chloroethane
Concen: 5.014 ug/l
RT: 2.957 min Scan# 165
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion: 64 Resp: 10236
Ion Ratio Lower Upper
64 100
66 34.6 26.2 39.4





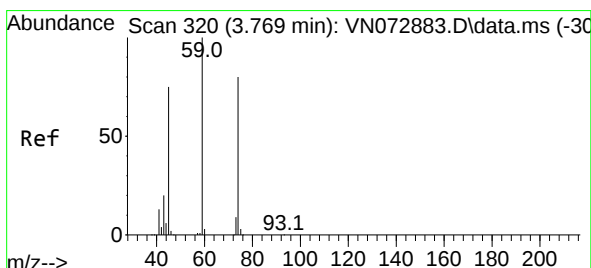
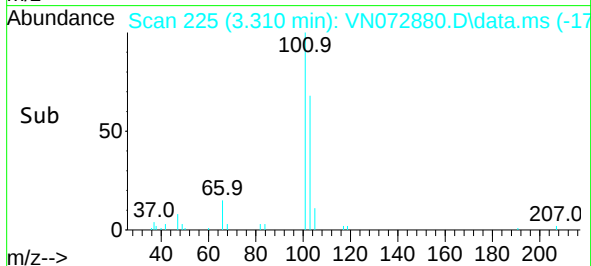
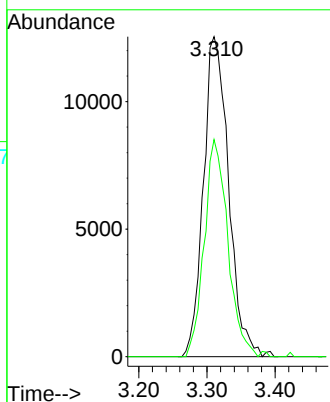
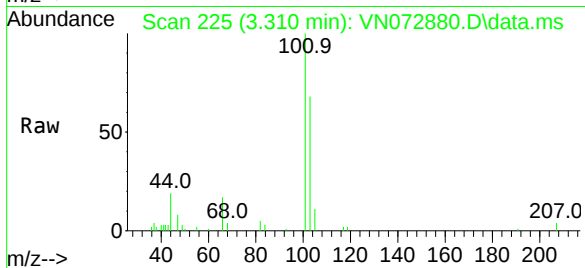
#7
 Trichlorofluoromethane
 Concen: 4.899 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 32289
 Ion Ratio Lower Upper
 101 100
 103 67.9 51.5 77.3

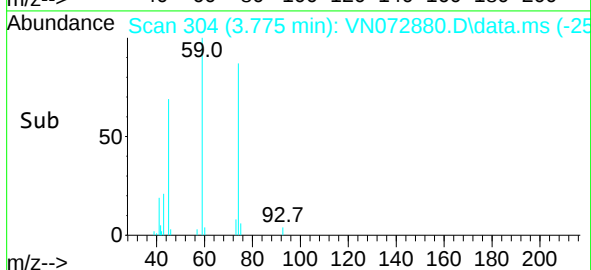
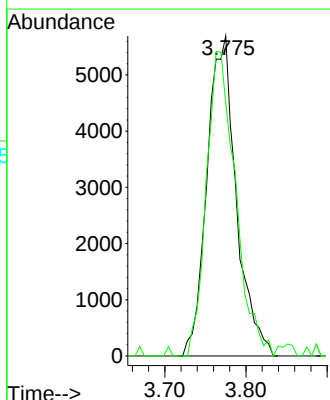
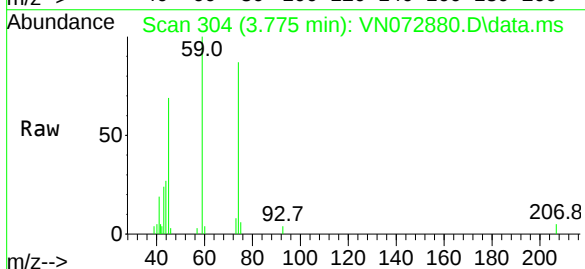
Manual Integrations
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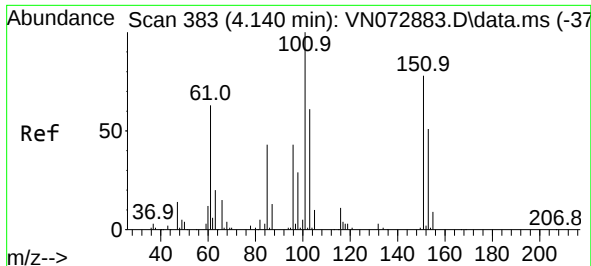
Reviewed By :John Carlone 06/20/2022
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#8
 Diethyl Ether
 Concen: 5.123 ug/l
 RT: 3.775 min Scan# 304
 Delta R.T. 0.006 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

Tgt Ion: 74 Resp: 14226
 Ion Ratio Lower Upper
 74 100
 45 95.0 42.9 128.5





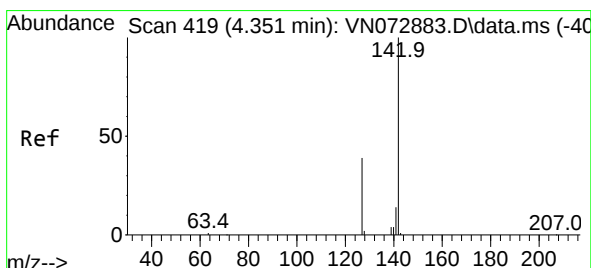
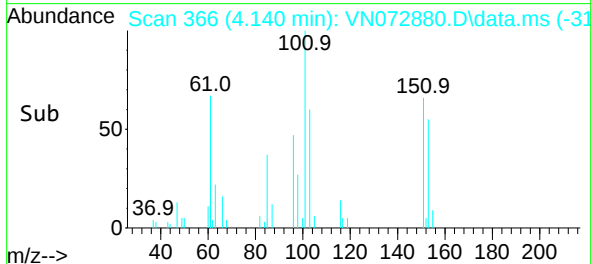
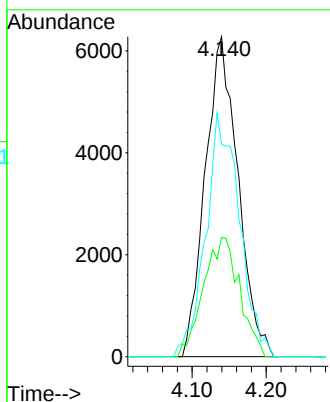
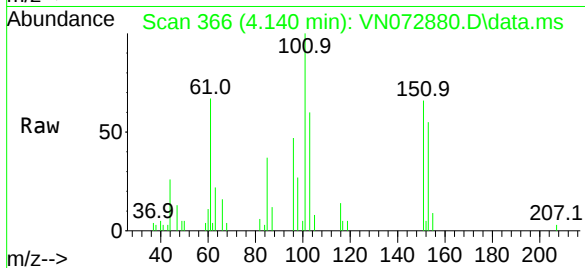
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.165 ug/l
RT: 4.140 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1925
Ion Ratio Lower Upper
101 100
85 41.1 34.7 52.1
151 78.1 63.0 94.4

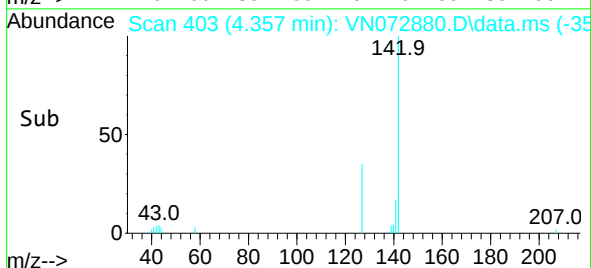
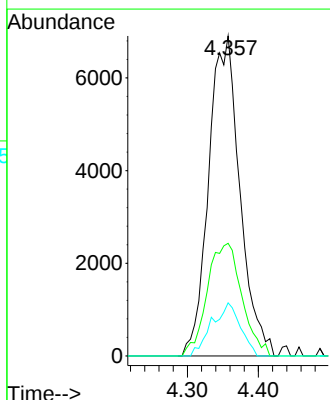
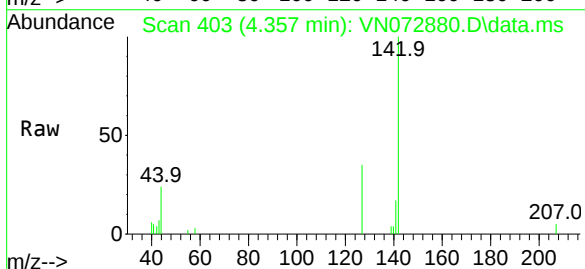
Manual Integrations
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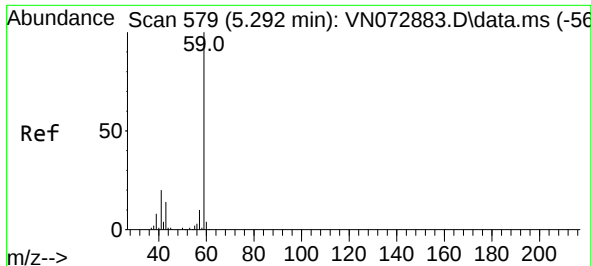
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#10
Methyl Iodide
Concen: 4.464 ug/l
RT: 4.357 min Scan# 403
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Tgt Ion:142 Resp: 21034
Ion Ratio Lower Upper
142 100
127 39.2 31.3 46.9
141 15.2 11.2 16.8





#11

Tert butyl alcohol

Concen: 26.890 ug/l

RT: 5.298 min Scan# 50

Delta R.T. 0.006 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 3662

Ion Ratio Lower Upper

59 100

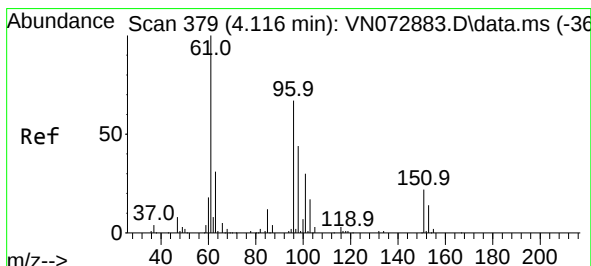
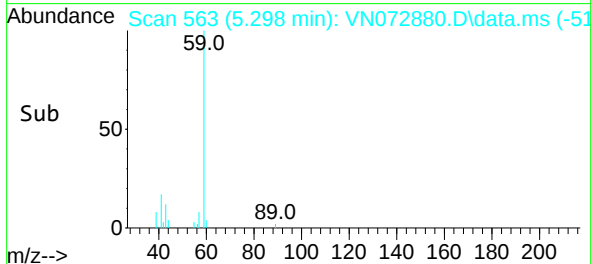
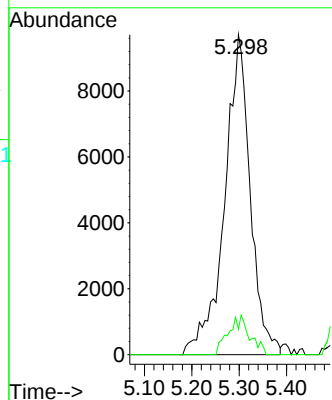
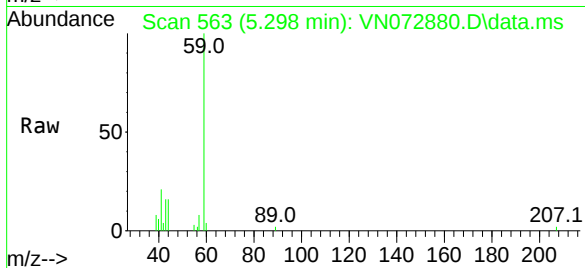
57 10.1 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#12

1,1-Dichloroethene

Concen: 5.028 ug/l

RT: 4.110 min Scan# 361

Delta R.T. -0.006 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

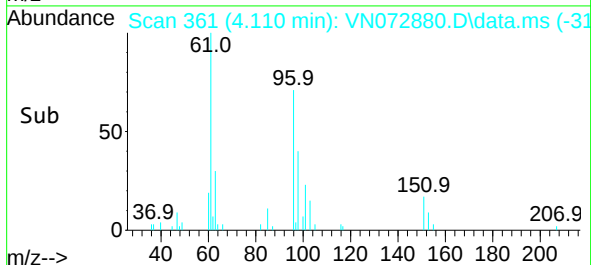
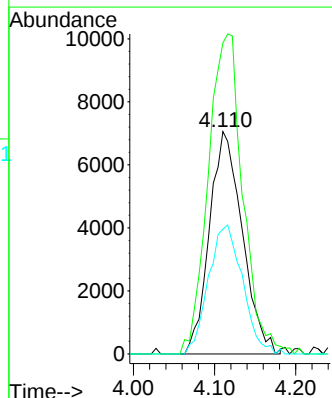
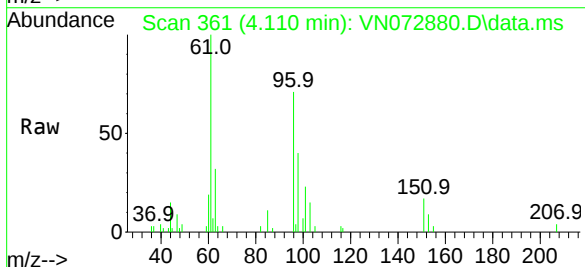
Tgt Ion: 96 Resp: 19856

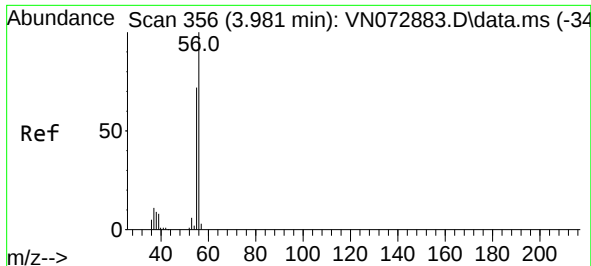
Ion Ratio Lower Upper

96 100

61 139.9 127.6 191.4

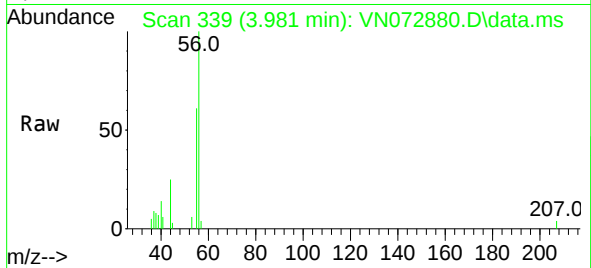
98 56.1 51.2 76.8





#13
Acrolein
Concen: 32.879 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

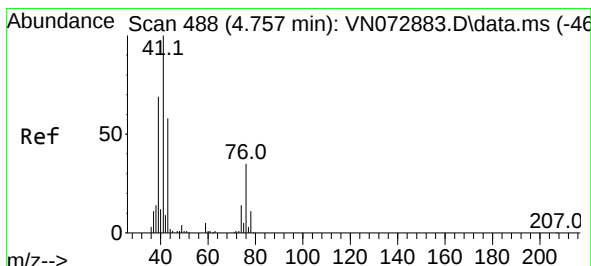
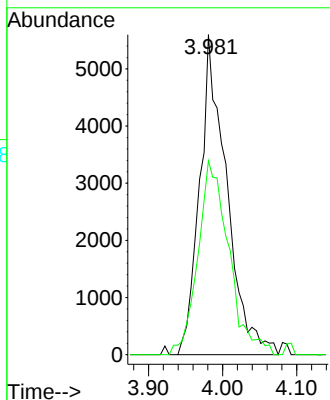
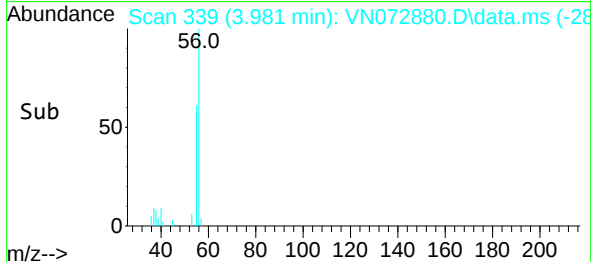
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 14129
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

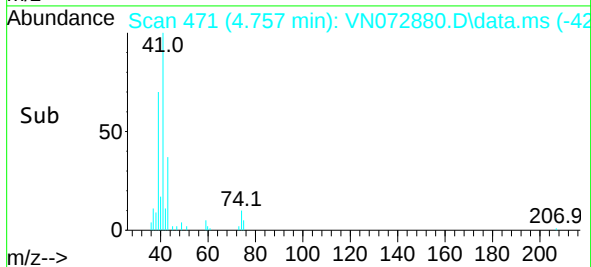
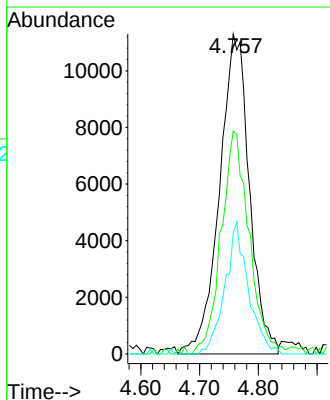
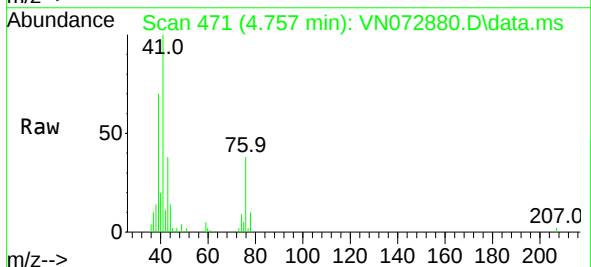
Manual Integrations
APPROVED

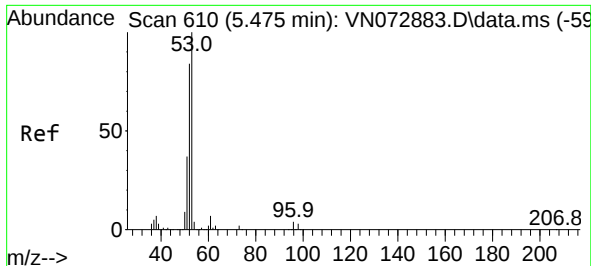
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#14
Allyl chloride
Concen: 4.989 ug/l
RT: 4.757 min Scan# 471
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

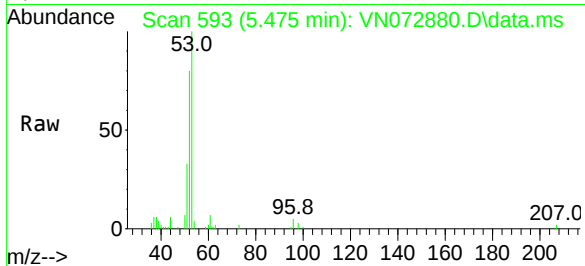
Tgt Ion: 41 Resp: 39931
Ion Ratio Lower Upper
41 100
39 65.0 53.2 79.8
76 32.4 29.9 44.9





#15
Acrylonitrile
Concen: 25.162 ug/l
RT: 5.475 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

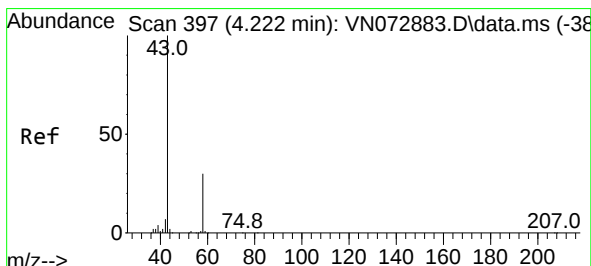
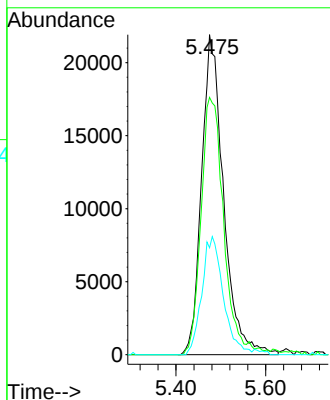
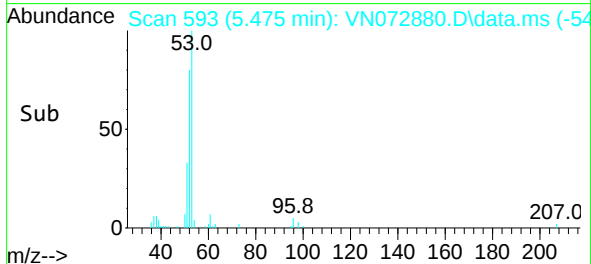
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



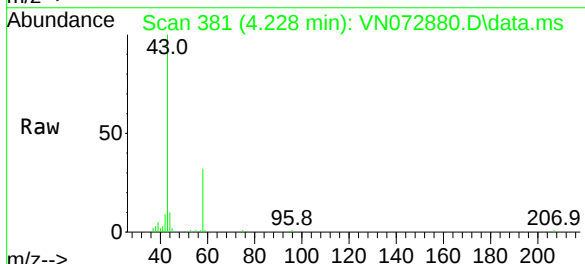
Tgt Ion: 53 Resp: 7437
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 36.0 28.5 42.7

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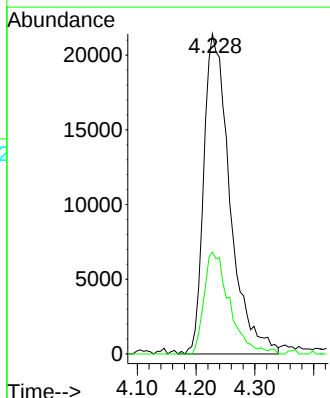
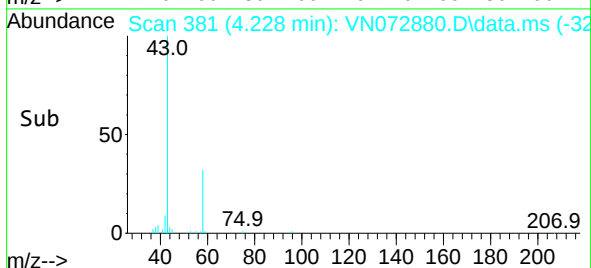
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

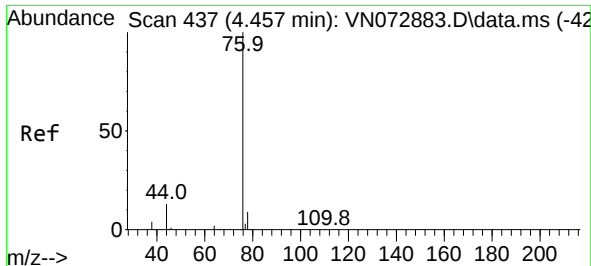


#16
Acetone
Concen: 25.119 ug/l
RT: 4.228 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion: 43 Resp: 66325
Ion Ratio Lower Upper
43 100
58 31.8 26.0 39.0





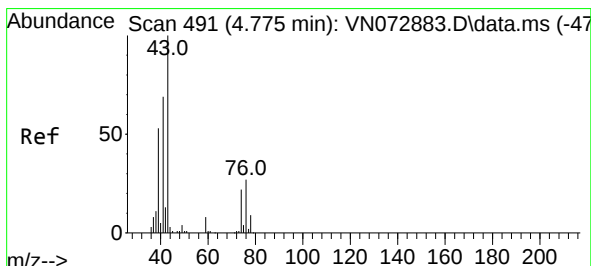
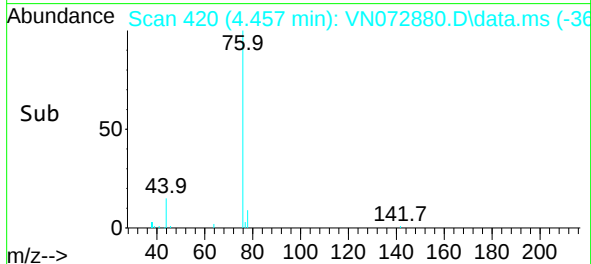
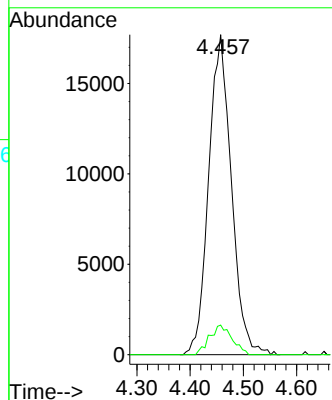
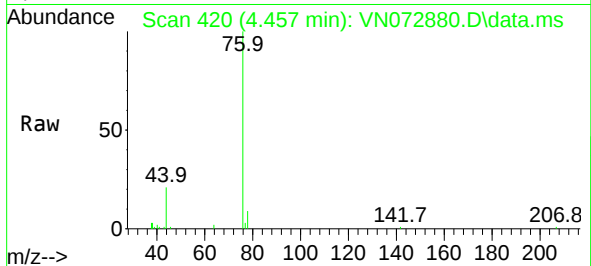
#17
Carbon Disulfide
Concen: 4.907 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 5244
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

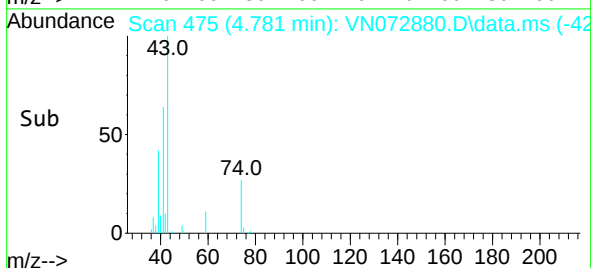
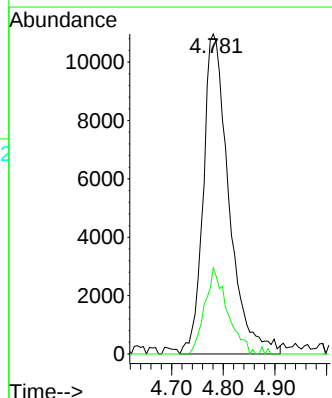
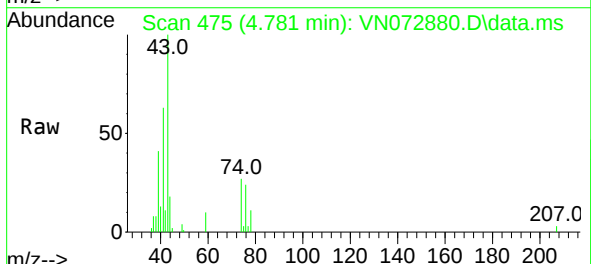
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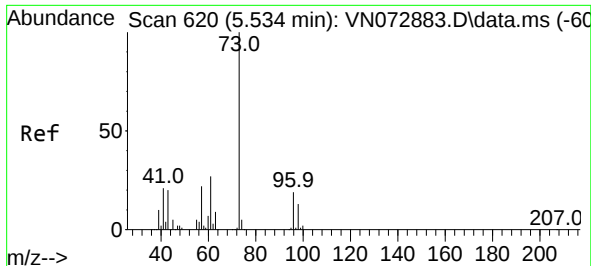
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
Methyl Acetate
Concen: 5.027 ug/l
RT: 4.781 min Scan# 475
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Tgt Ion: 43 Resp: 37838
Ion Ratio Lower Upper
43 100
74 23.7 21.6 32.4





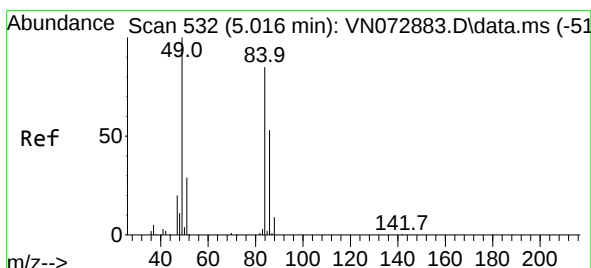
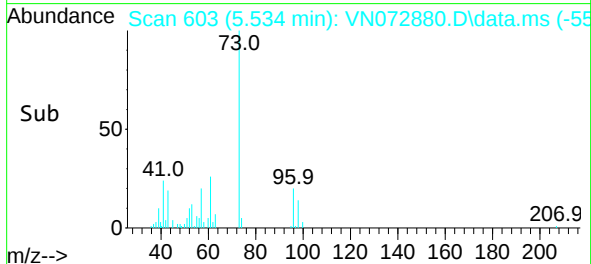
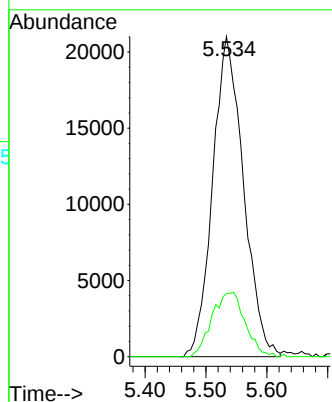
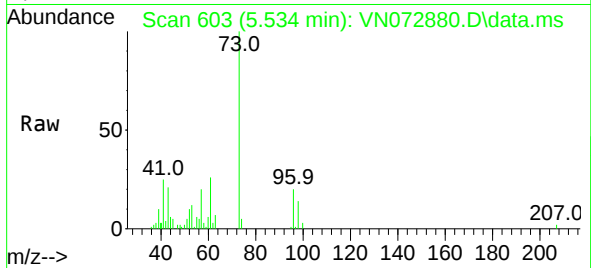
#19
Methyl tert-butyl Ether
Concen: 5.105 ug/l
RT: 5.534 min Scan# 603
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 7374
Ion Ratio Lower Upper
73 100
57 19.7 17.6 26.4

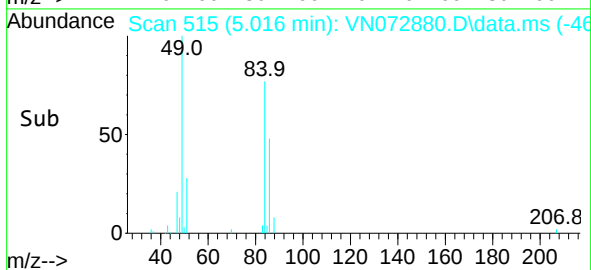
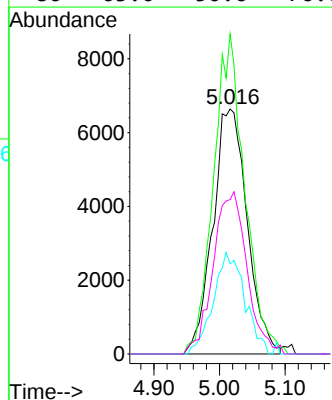
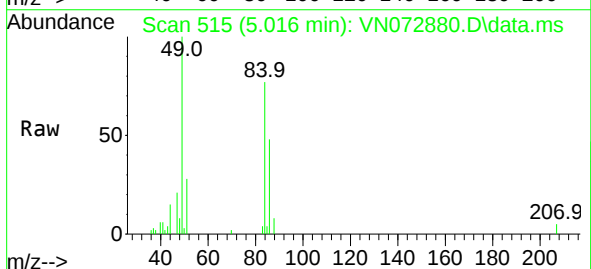
Manual Integrations
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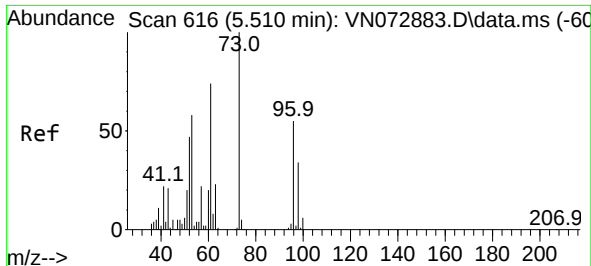
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#20
Methylene Chloride
Concen: 5.117 ug/l
RT: 5.016 min Scan# 515
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

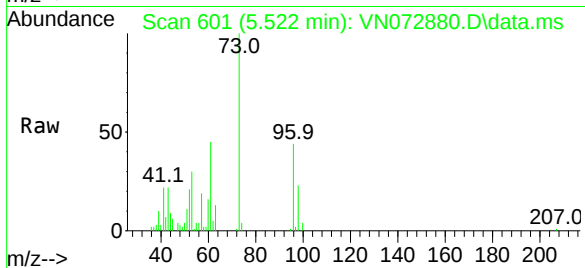
Tgt Ion: 84 Resp: 24166
Ion Ratio Lower Upper
84 100
49 130.6 88.3 132.5
51 36.7 28.2 42.2
86 63.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 5.131 ug/l
RT: 5.522 min Scan# 601
Delta R.T. 0.012 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

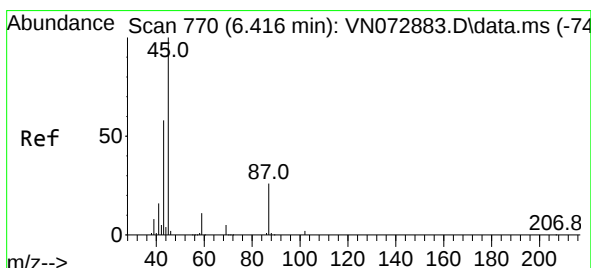
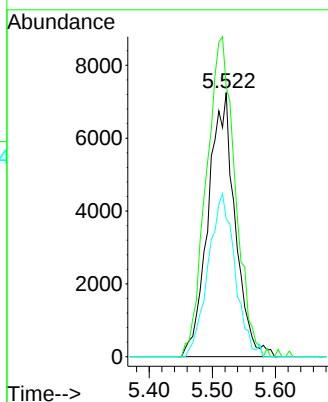
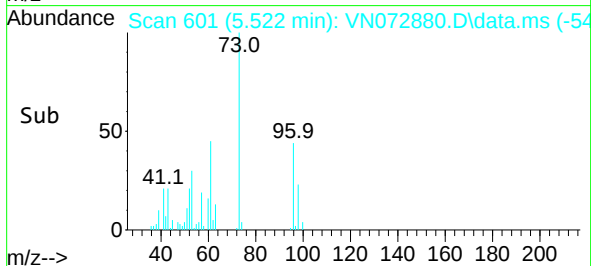
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



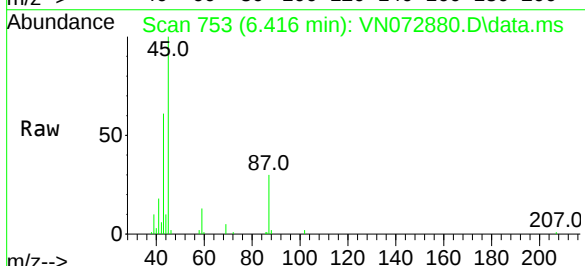
Tgt Ion: 96 Resp: 2143
Ion Ratio Lower Upper
96 100
61 102.3 105.8 158.8
98 52.1 50.3 75.5

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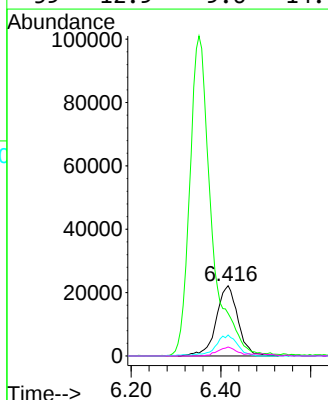
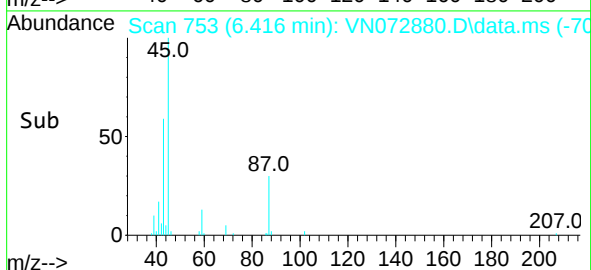
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

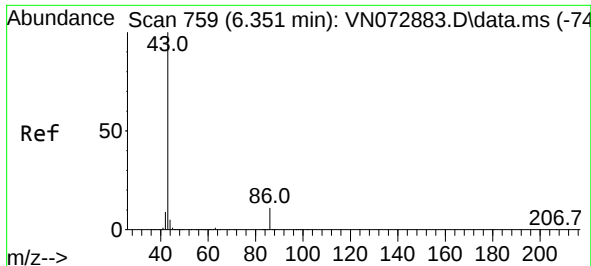


#22
Diisopropyl ether
Concen: 5.034 ug/l
RT: 6.416 min Scan# 753
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



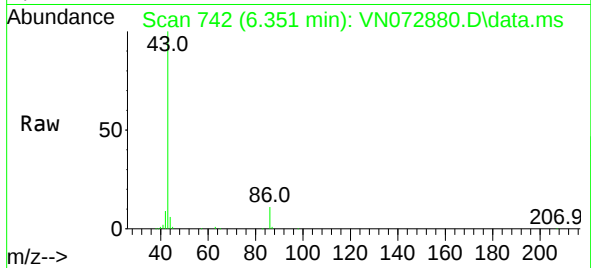
Tgt Ion: 45 Resp: 74489
Ion Ratio Lower Upper
45 100
43 58.2 46.6 70.0
87 29.9 24.3 36.5
59 12.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 25.016 ug/l
 RT: 6.351 min Scan# 742
 Delta R.T. 0.000 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

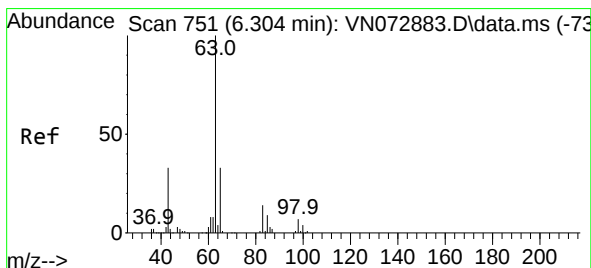
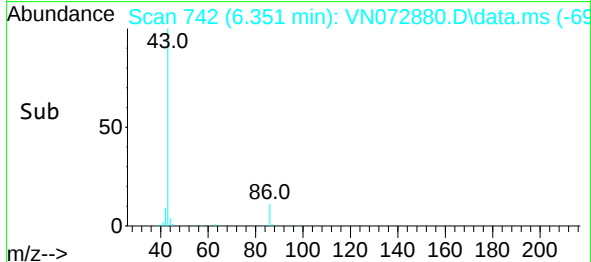
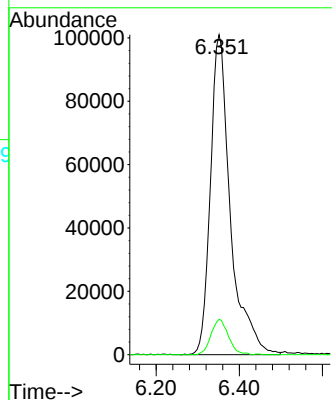
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 43 Resp: 336440
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.0 15.0

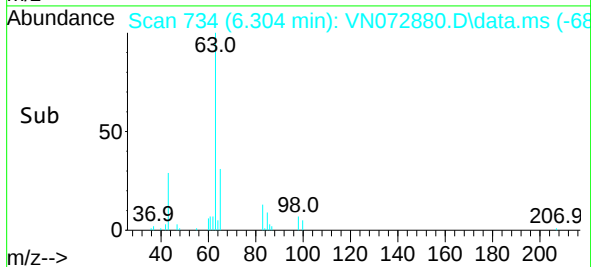
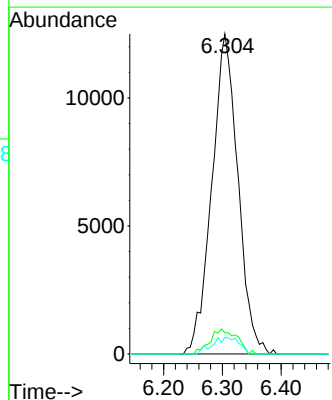
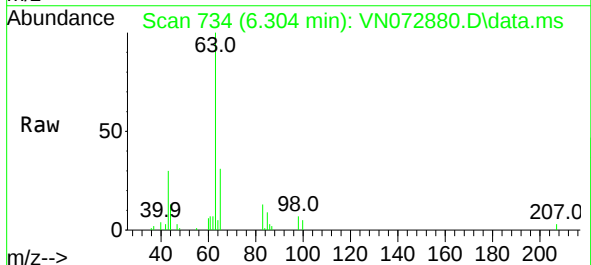
Manual Integrations
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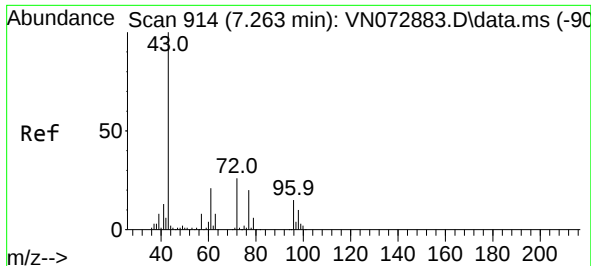
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#24
 1,1-Dichloroethane
 Concen: 4.974 ug/l
 RT: 6.304 min Scan# 734
 Delta R.T. 0.000 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

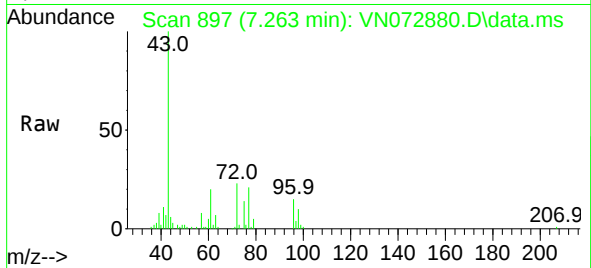
Tgt Ion: 63 Resp: 38536
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 25.521 ug/l
RT: 7.263 min Scan# 891
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

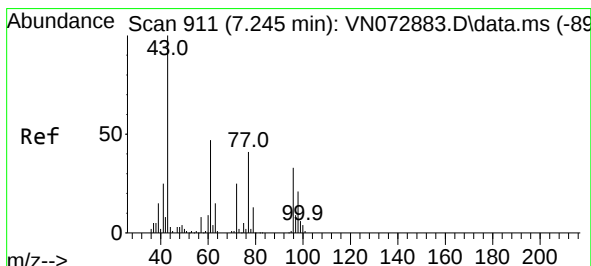
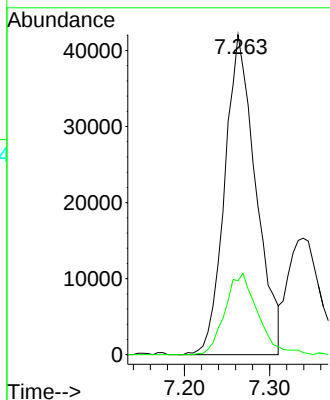
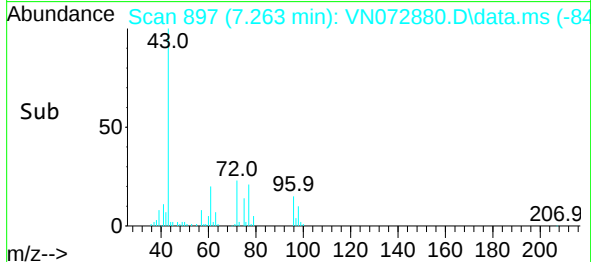
Instrument :
MSVOA_N
Client SampleId :
VSTDIC005



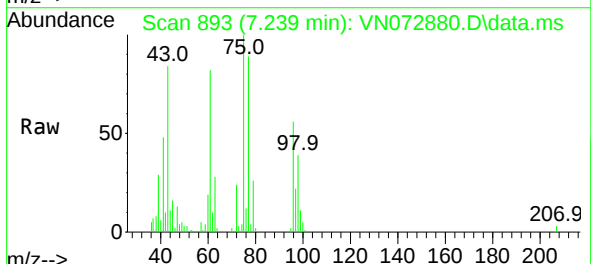
Tgt Ion: 43 Resp: 107320
Ion Ratio Lower Upper
43 100
72 23.1 23.7 35.5

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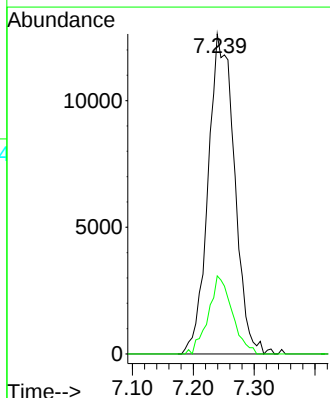
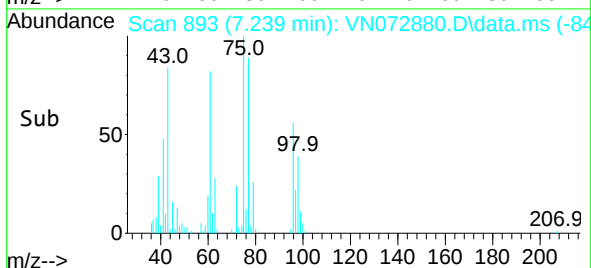
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

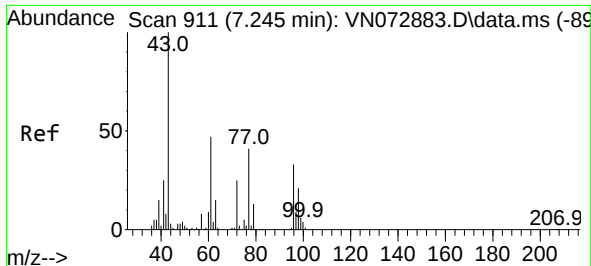


#26
2,2-Dichloropropane
Concen: 5.427 ug/l
RT: 7.239 min Scan# 893
Delta R.T. -0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion: 77 Resp: 37980
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





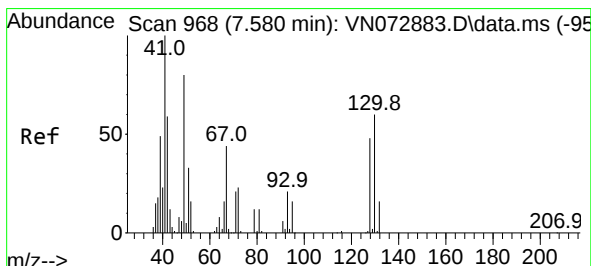
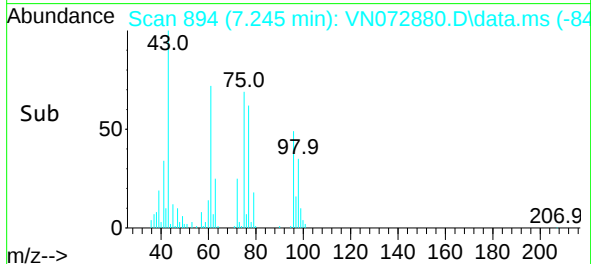
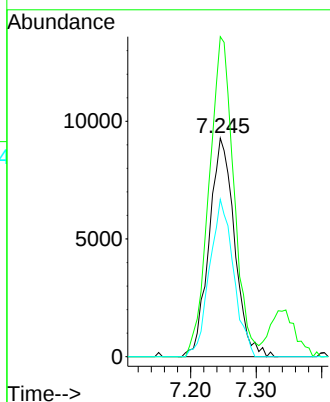
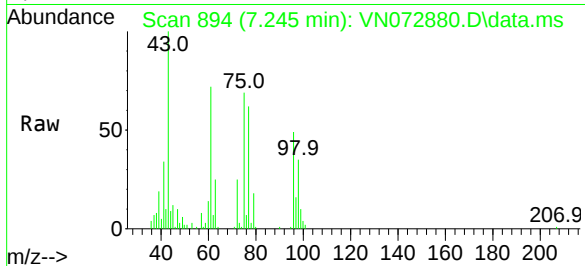
#27
 cis-1,2-Dichloroethene
 Concen: 4.934 ug/l
 RT: 7.245 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Tgt Ion: 96 Resp: 2498
 Ion Ratio Lower Upper
 96 100
 61 142.6 0.0 280.6
 98 67.8 0.0 128.4

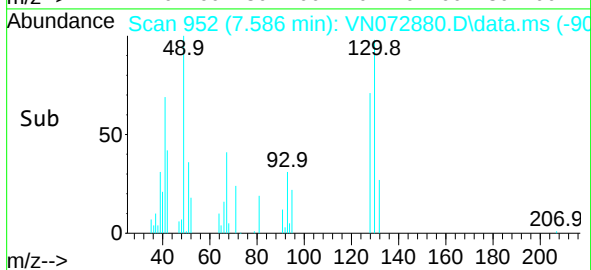
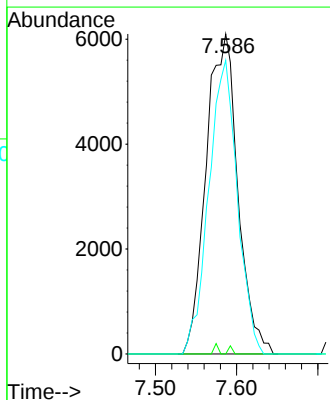
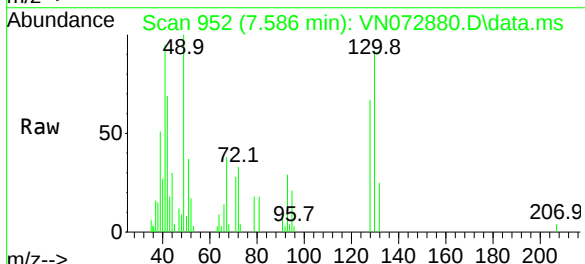
Manual Integrations
 APPROVED

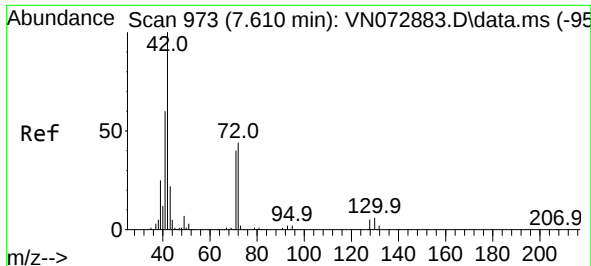
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#28
 Bromochloromethane
 Concen: 4.980 ug/l
 RT: 7.586 min Scan# 952
 Delta R.T. 0.006 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

Tgt Ion: 49 Resp: 16531
 Ion Ratio Lower Upper
 49 100
 129 0.3 0.0 4.6
 130 83.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 24.570 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

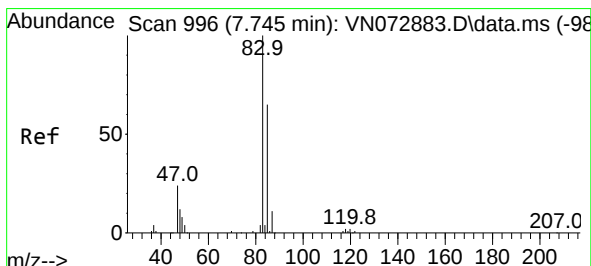
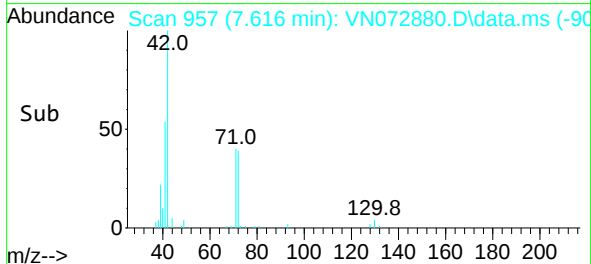
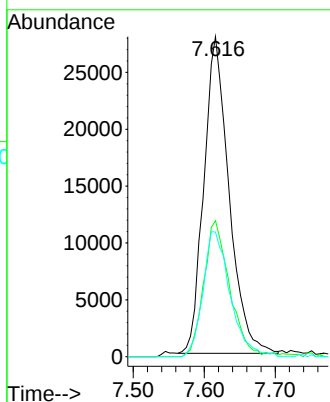
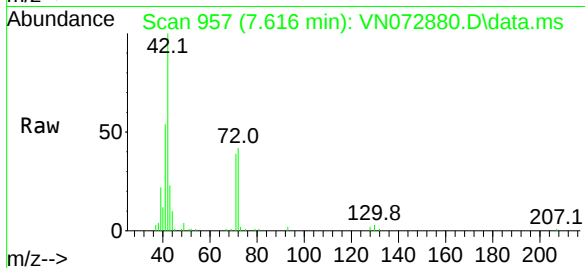
Tgt Ion:	42	Resp:	68500
Ion	Ratio	Lower	Upper
42	100		
72	45.1	39.7	59.5
71	42.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#30

Chloroform

Concen: 5.066 ug/l

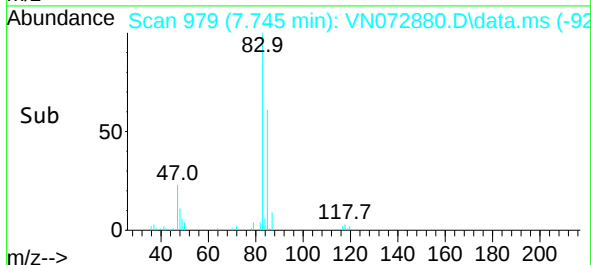
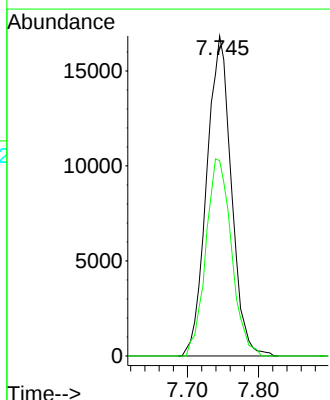
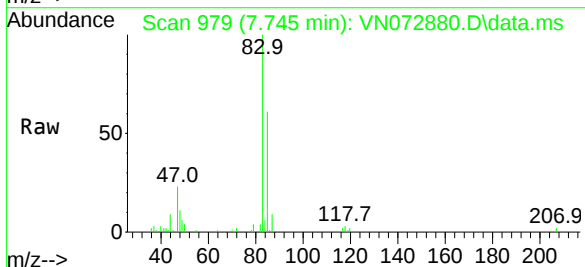
RT: 7.745 min Scan# 979

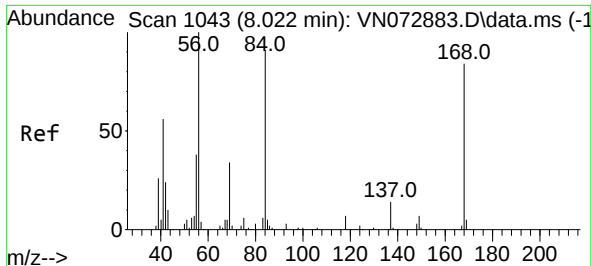
Delta R.T. 0.000 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

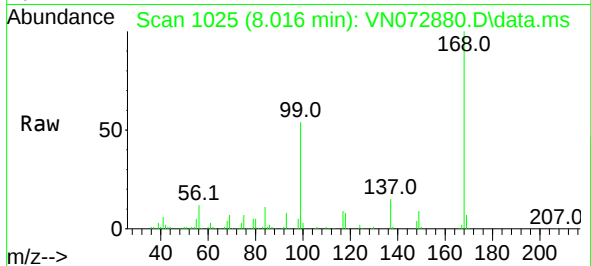
Tgt Ion:	83	Resp:	40503
Ion	Ratio	Lower	Upper
83	100		
85	61.1	51.8	77.8





#31
Cyclohexane
Concen: 5.479 ug/l
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

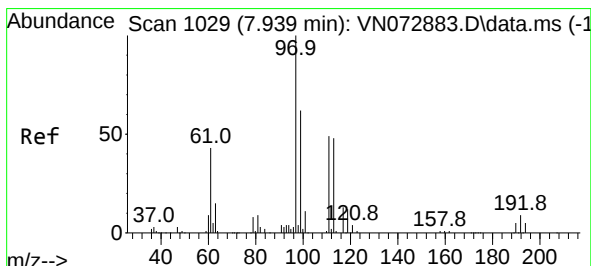
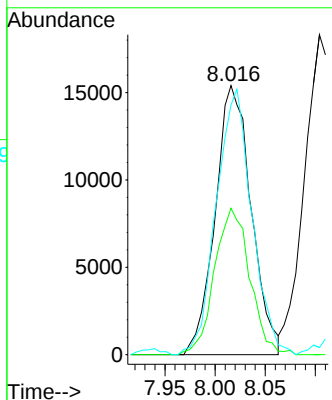
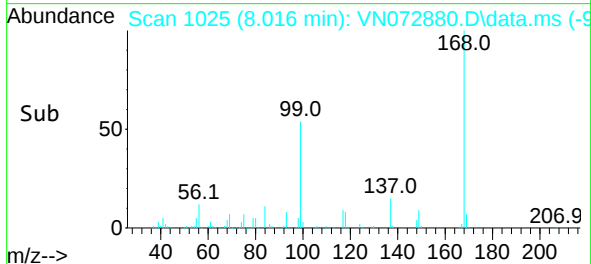
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



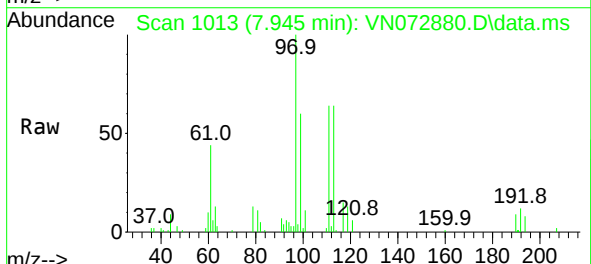
Tgt Ion: 56 Resp: 3842
Ion Ratio Lower Upper
56 100
69 54.4 27.8 41.8
84 92.8 76.9 115.3

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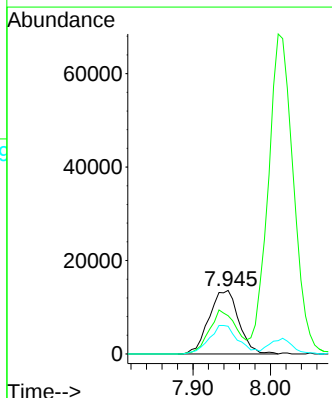
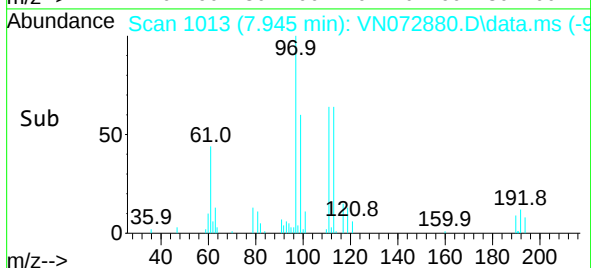
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

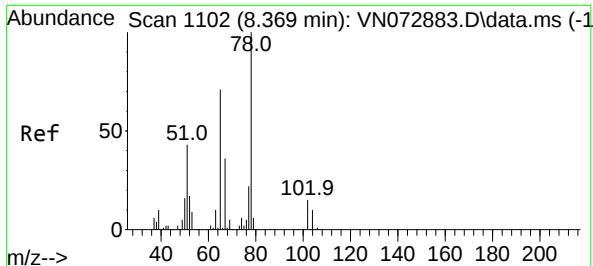


#32
1,1,1-Trichloroethane
Concen: 5.094 ug/l
RT: 7.945 min Scan# 1013
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion: 97 Resp: 36061
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 44.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 5.160 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 2699

Ion Ratio Lower Upper

65 100

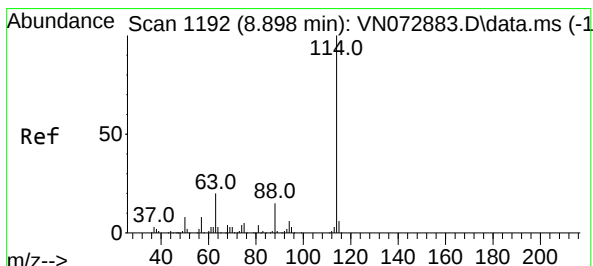
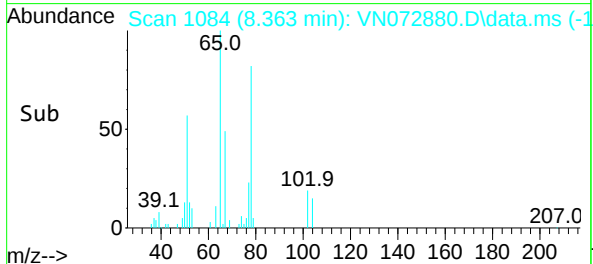
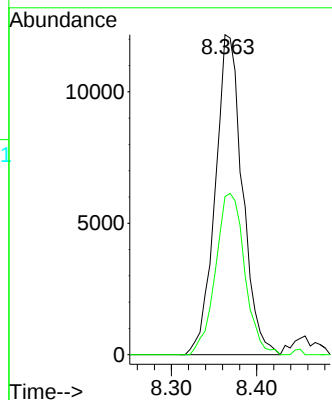
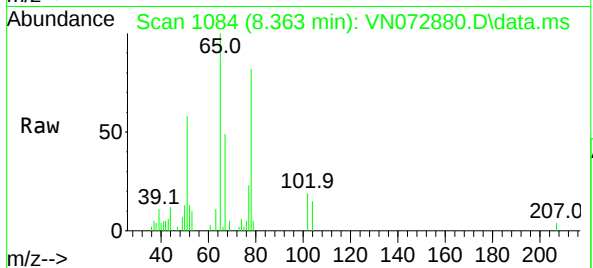
67 54.0 0.0 104.8

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: VN072880.D

Acq: 16 Jun 2022 11:03

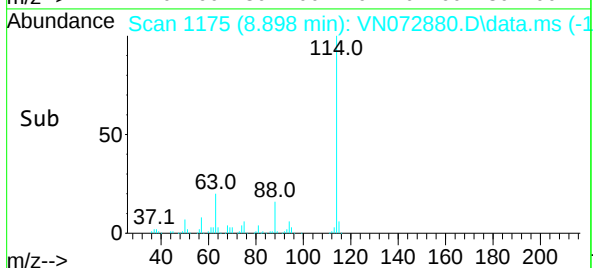
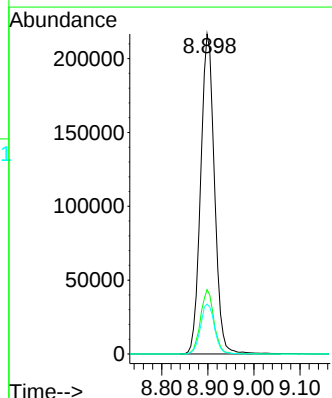
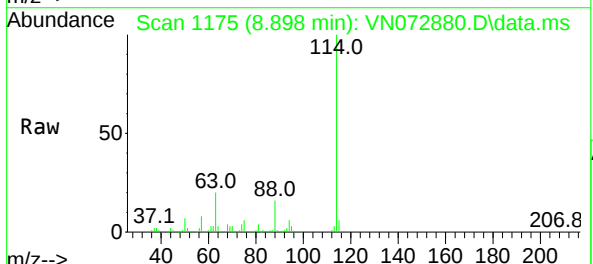
Tgt Ion:114 Resp: 453763

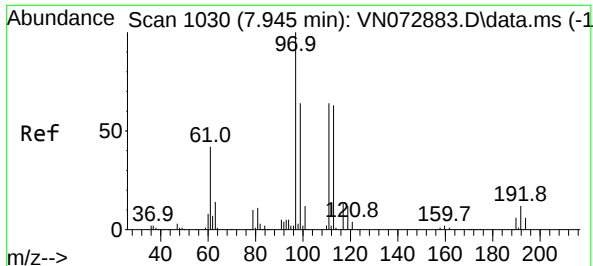
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.215 ug/l

RT: 7.951 min Scan# 1048

Delta R.T. 0.006 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

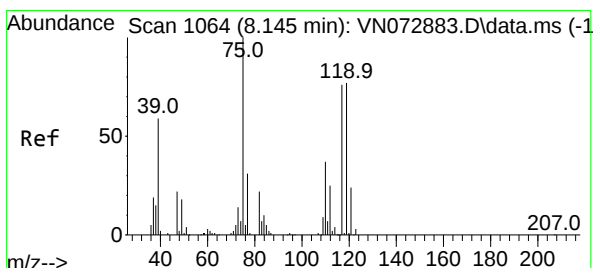
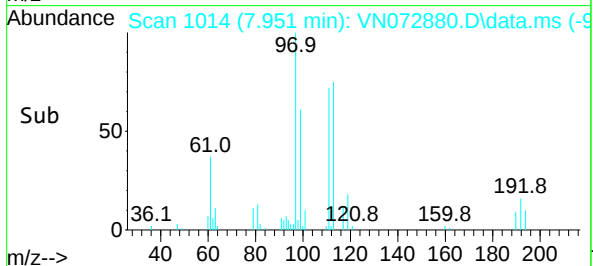
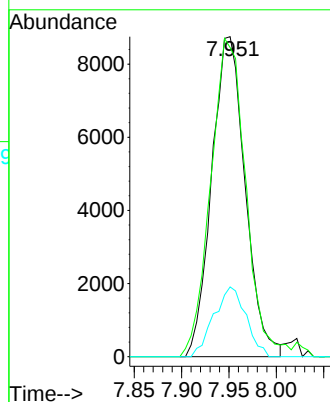
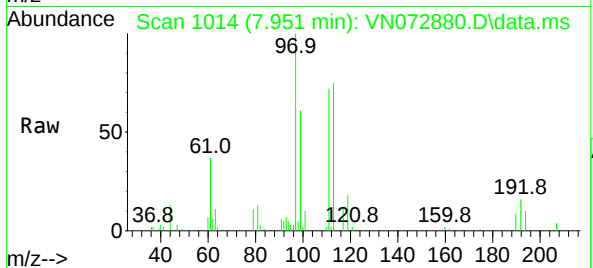
Tgt Ion:	113	Resp:	21490
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.4	122.0
192	20.9	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#36

1,1-Dichloropropene

Concen: 5.125 ug/l

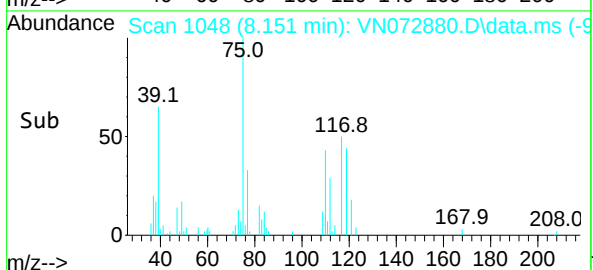
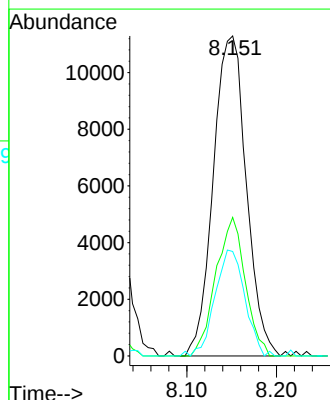
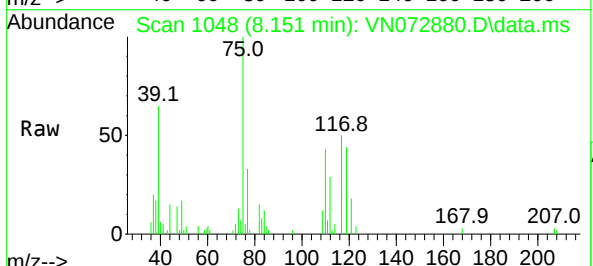
RT: 8.151 min Scan# 1048

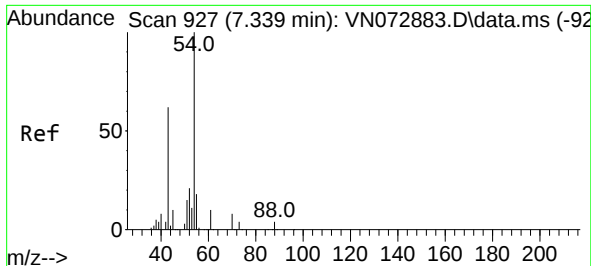
Delta R.T. 0.006 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

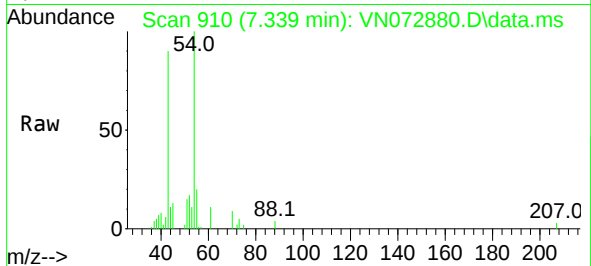
Tgt Ion:	75	Resp:	28851
Ion	Ratio	Lower	Upper
75	100		
110	38.6	18.3	54.8
77	29.9	25.1	37.7





#37
Ethyl Acetate
Concen: 5.013 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

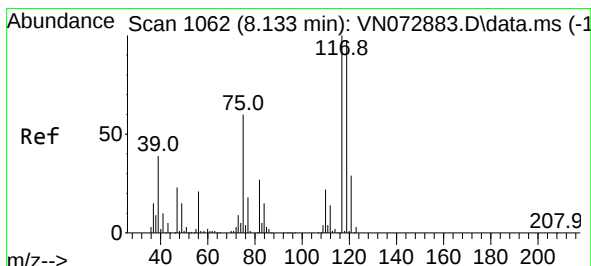
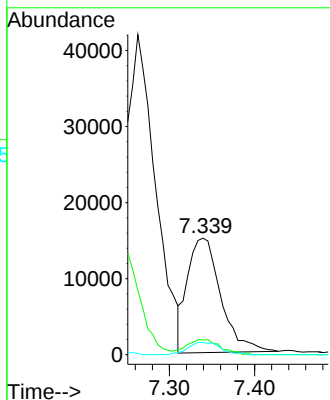
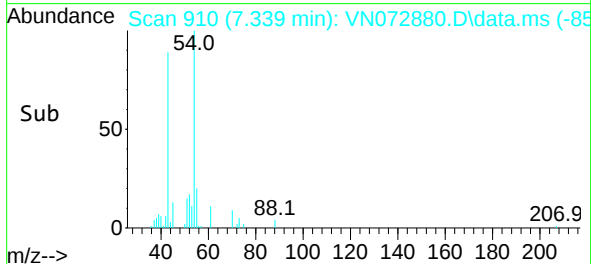
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 4083
Ion Ratio Lower Upper
43 100
61 13.4 11.8 17.6
70 10.5 9.3 13.9

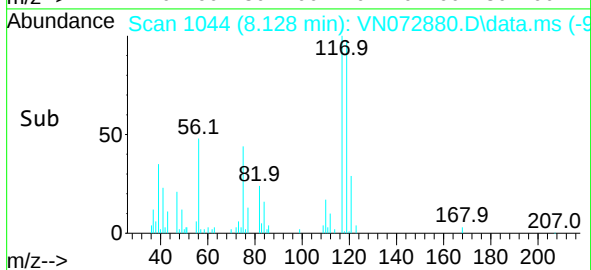
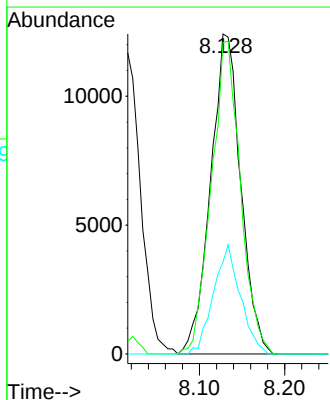
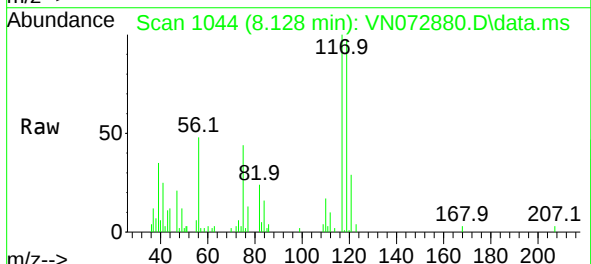
Manual Integrations
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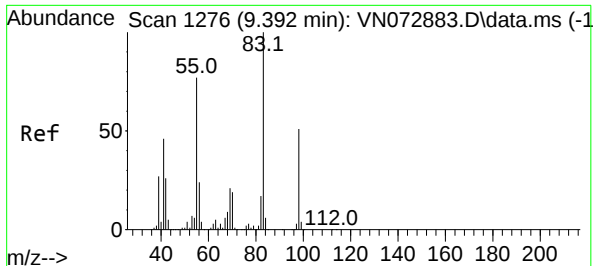
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Carbon Tetrachloride
Concen: 5.036 ug/l
RT: 8.128 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Tgt Ion:117 Resp: 30524
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
121 28.7 24.6 37.0





#39

Methylcyclohexane

Concen: 5.025 ug/l

RT: 9.392 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

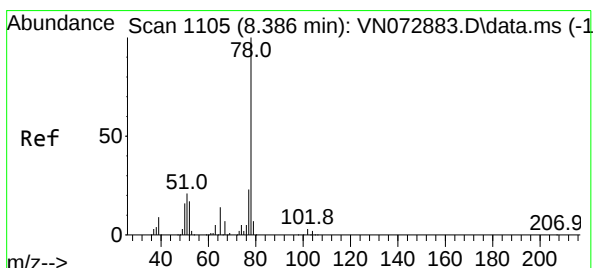
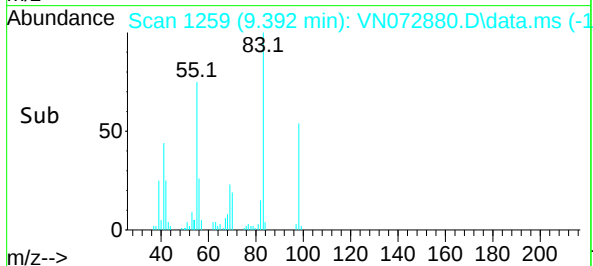
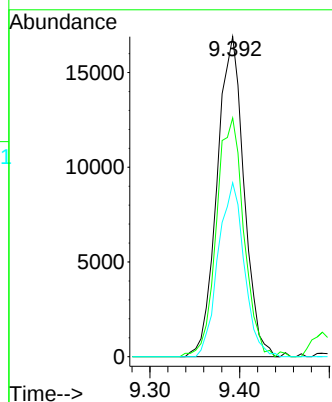
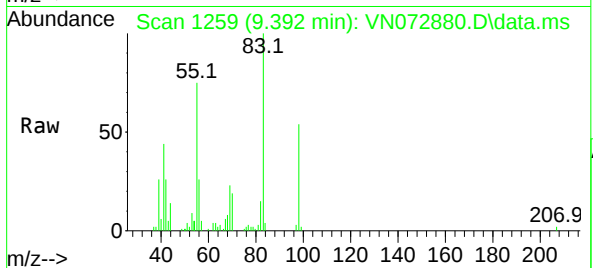
Tgt Ion: 83	Resp: 35108
Ion Ratio	Lower Upper
83	100
55	74.6 57.8 86.8
98	54.3 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#40

Benzene

Concen: 5.068 ug/l

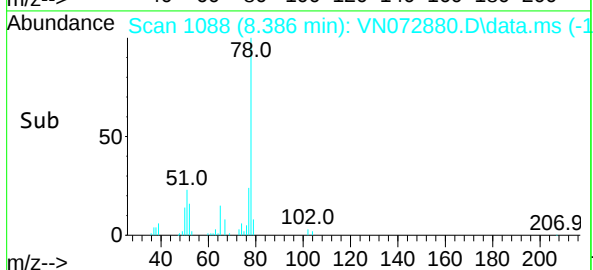
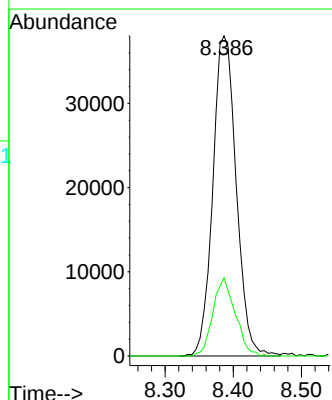
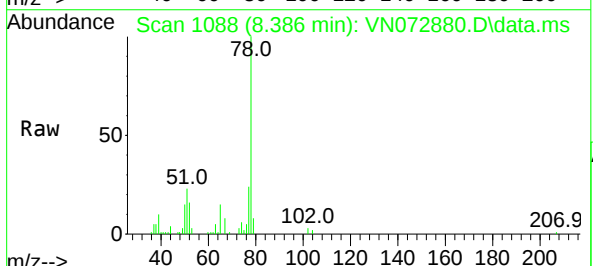
RT: 8.386 min Scan# 1088

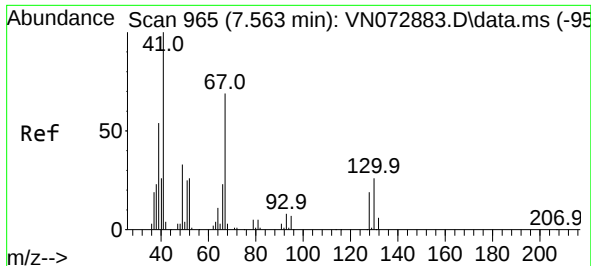
Delta R.T. 0.000 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

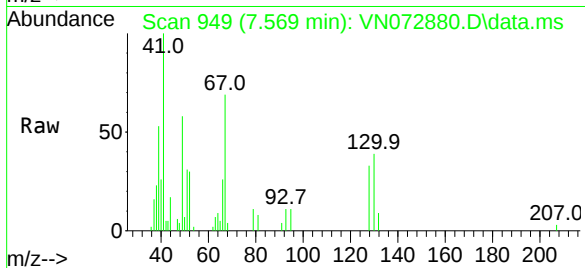
Tgt Ion: 78	Resp: 90891
Ion Ratio	Lower Upper
78	100
77	24.4 19.4 29.0





#41
Methacrylonitrile
Concen: 5.256 ug/l
RT: 7.569 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

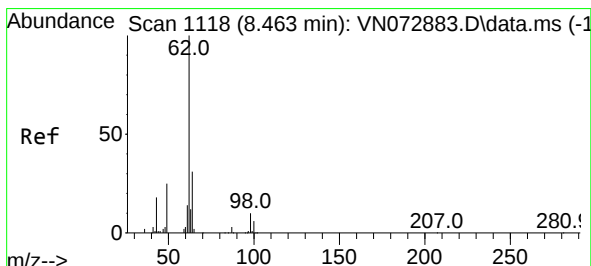
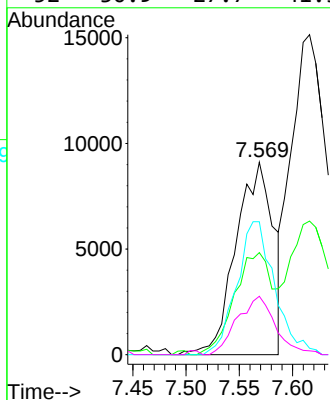
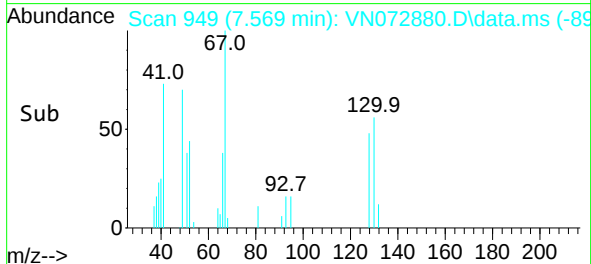
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC005



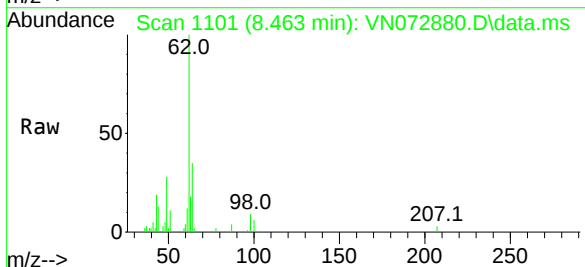
Tgt Ion: 41 Resp: 22290
Ion Ratio Lower Upper
41 100
39 55.2 48.6 73.0
67 69.9 73.4 110.2
52 30.9 27.7 41.5

Manual Integrations
APPROVED

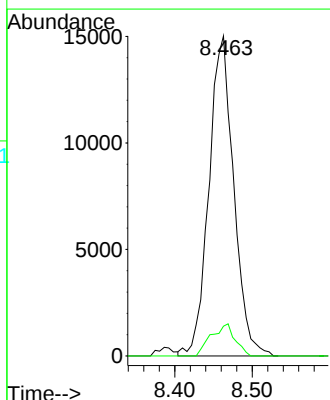
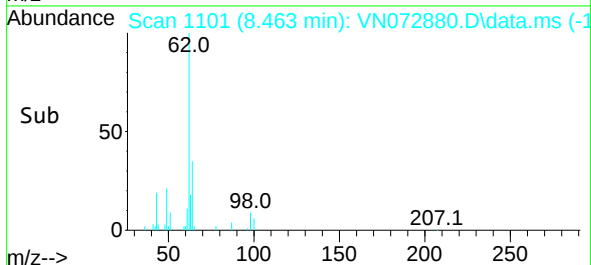
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

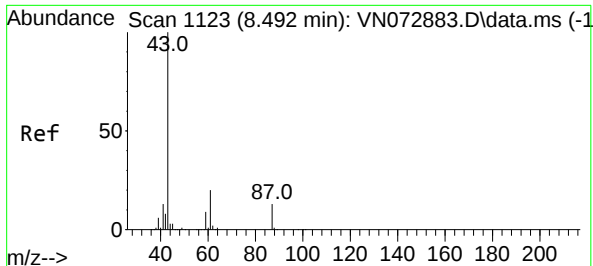


#42
1,2-Dichloroethane
Concen: 5.173 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



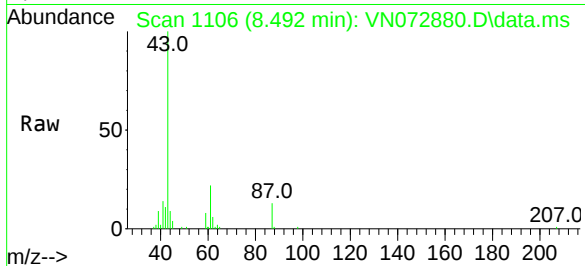
Tgt Ion: 62 Resp: 33452
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 4.886 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

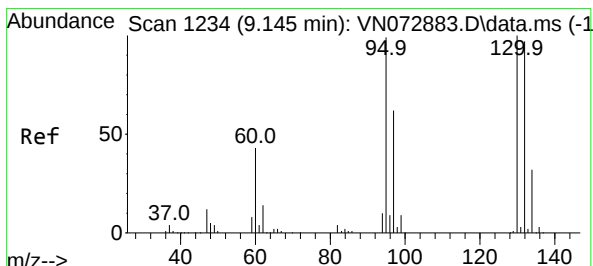
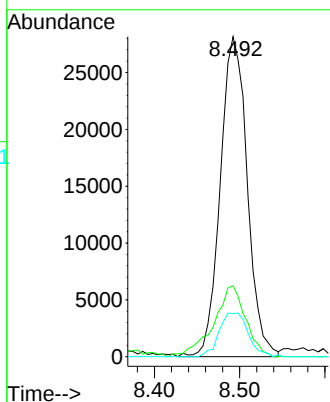
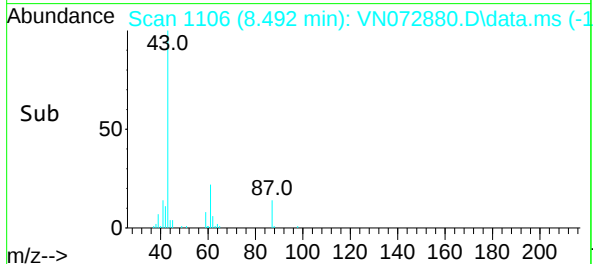
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



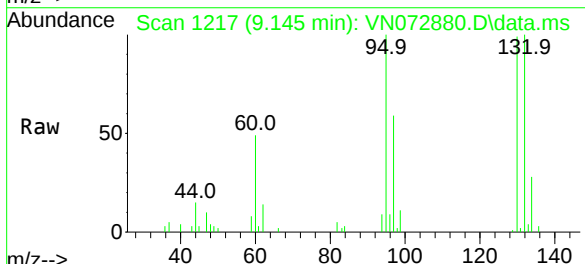
Tgt Ion: 43 Resp: 61954
Ion Ratio Lower Upper
43 100
61 26.3 21.9 32.9
87 14.7 12.0 18.0

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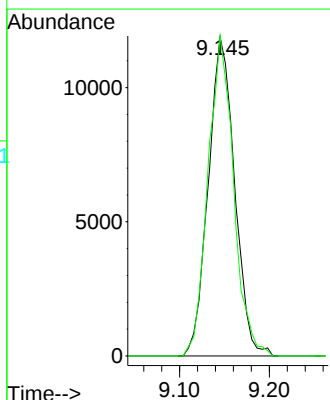
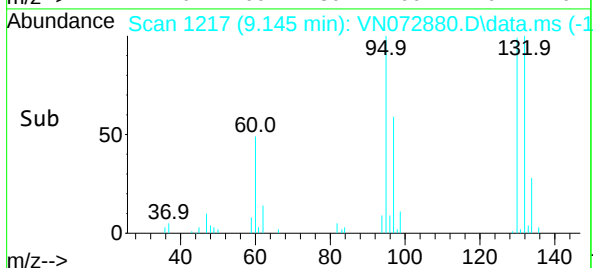
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

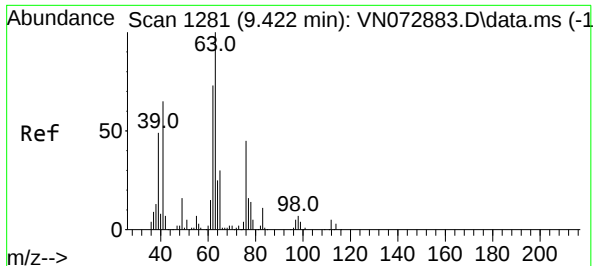


#44
Trichloroethene
Concen: 5.054 ug/l
RT: 9.145 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion:130 Resp: 24235
Ion Ratio Lower Upper
130 100
95 100.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 5.150 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 23309

Ion Ratio Lower Upper

63 100

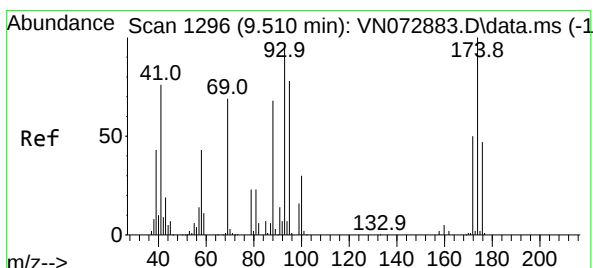
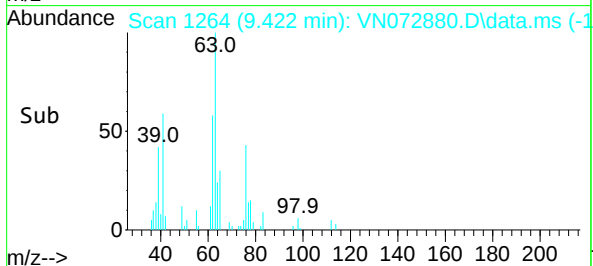
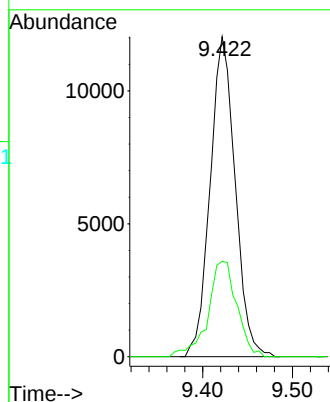
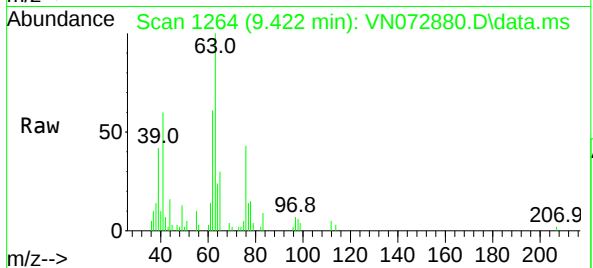
65 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#46

Dibromomethane

Concen: 5.147 ug/l

RT: 9.510 min Scan# 1279

Delta R.T. 0.000 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

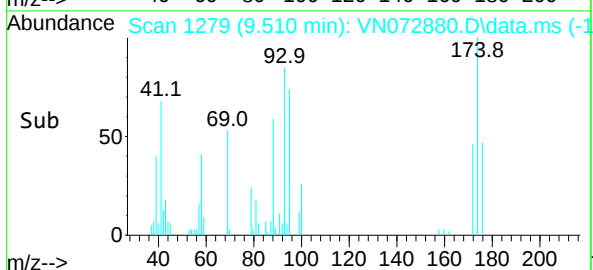
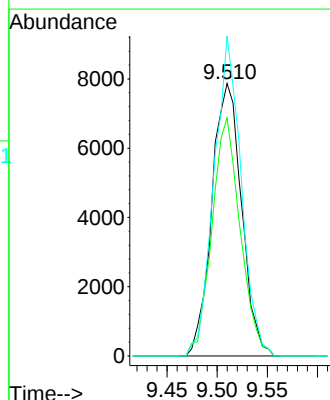
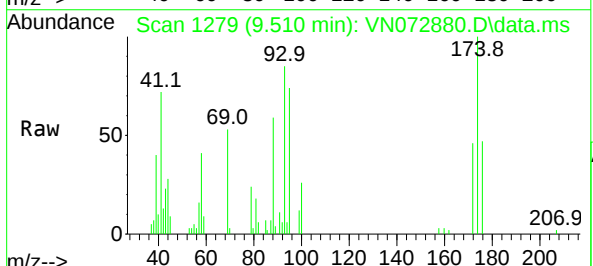
Tgt Ion: 93 Resp: 16165

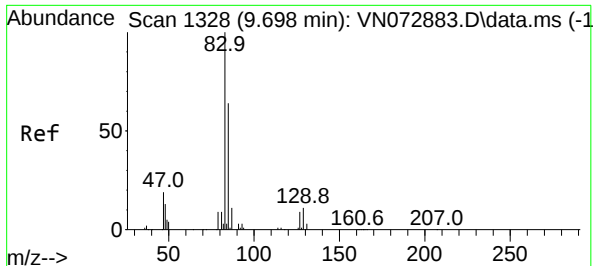
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

174 107.4 86.6 130.0





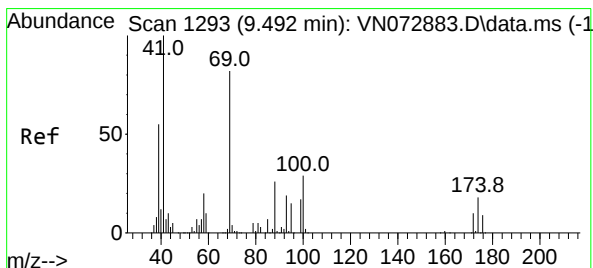
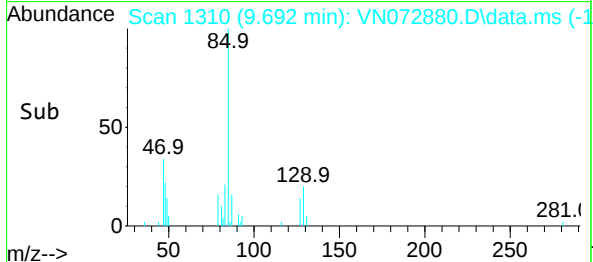
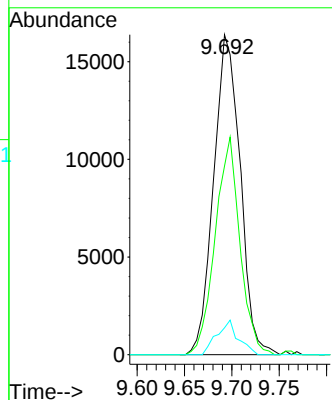
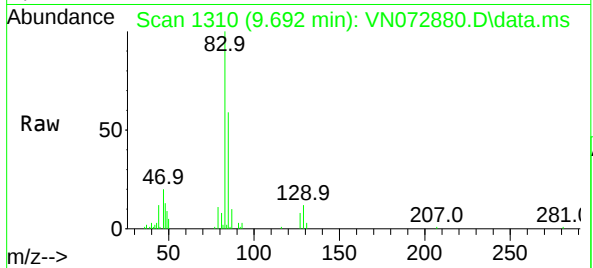
#47
Bromodichloromethane
Concen: 5.022 ug/l
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 31950
Ion Ratio Lower Upper
83 100
85 58.9 50.5 75.7
127 8.4 6.8 10.2

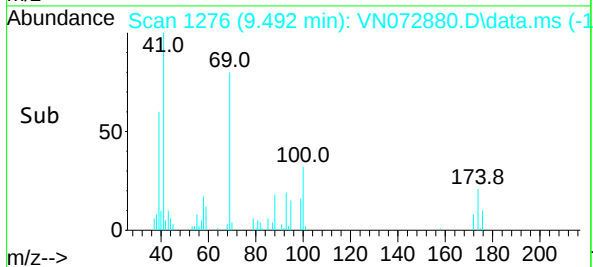
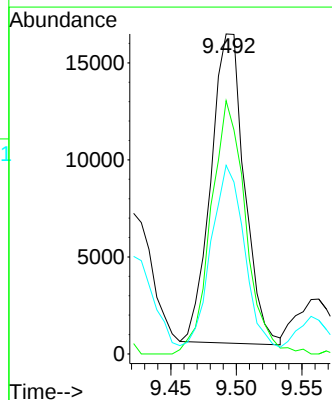
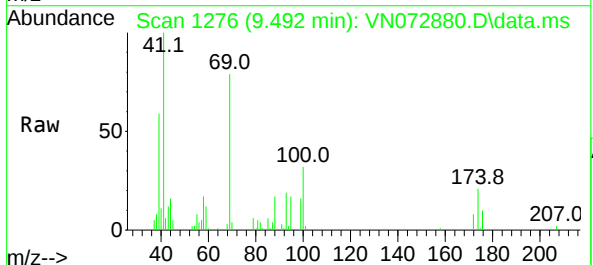
Manual Integrations
APPROVED

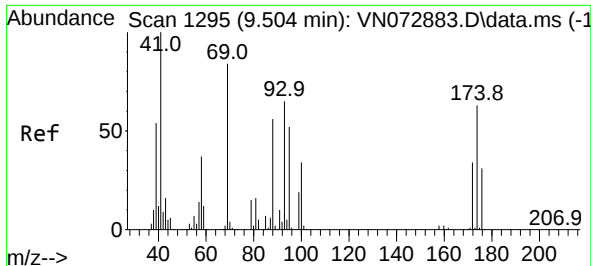
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#48
Methyl methacrylate
Concen: 4.907 ug/l
RT: 9.492 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Tgt Ion: 41 Resp: 28418
Ion Ratio Lower Upper
41 100
69 84.3 74.7 112.1
39 57.8 45.6 68.4





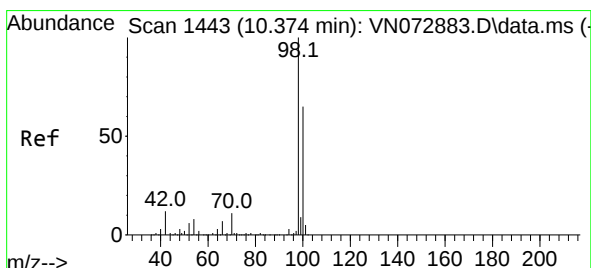
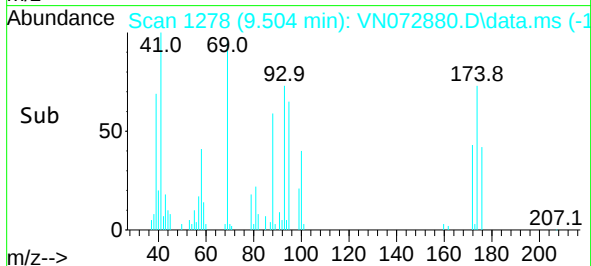
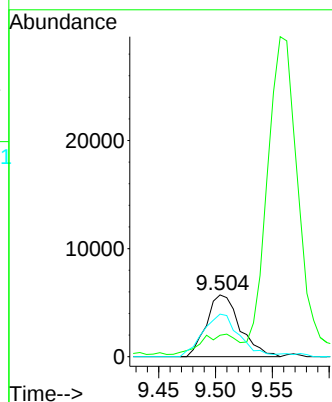
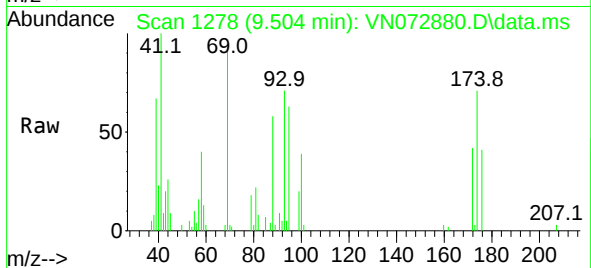
#49
1,4-Dioxane
Concen: 95.071 ug/l
RT: 9.504 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 1166
Ion Ratio Lower Upper
88 100
43 34.9 20.2 30.4
58 74.5 54.2 81.4

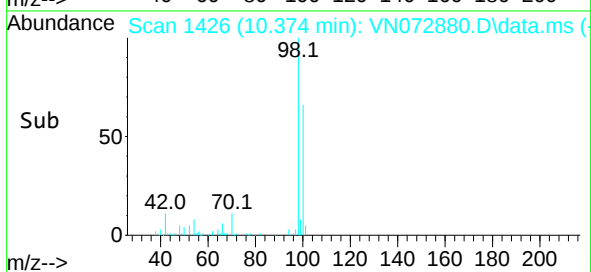
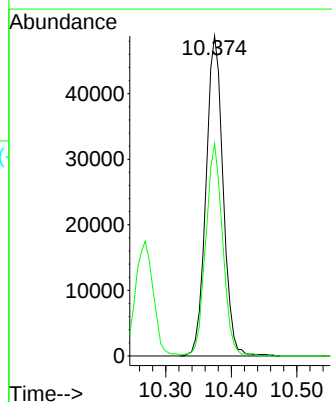
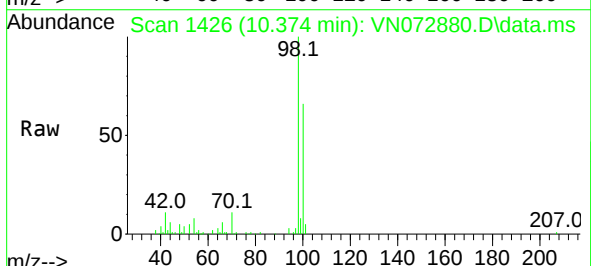
Manual Integrations
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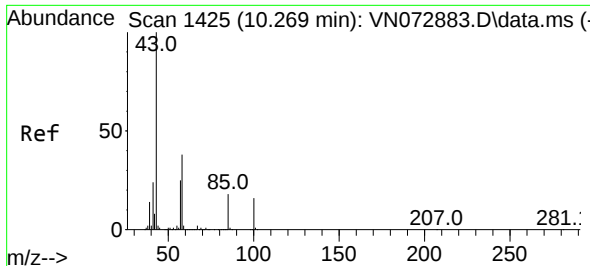
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
Toluene-d8
Concen: 5.476 ug/l
RT: 10.374 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

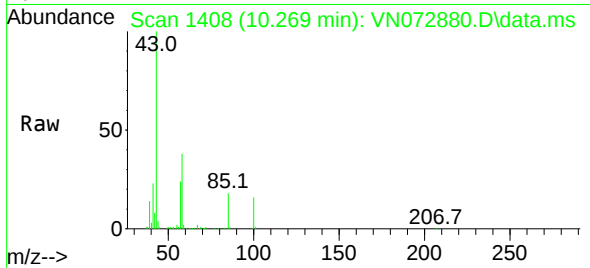
Tgt Ion: 98 Resp: 88347
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 25.340 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

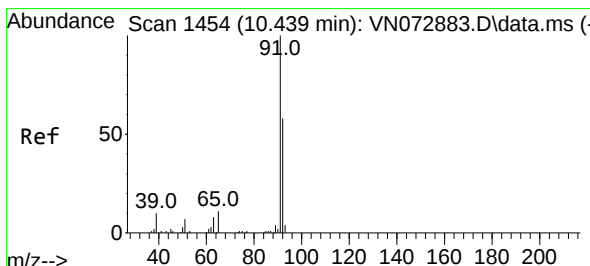
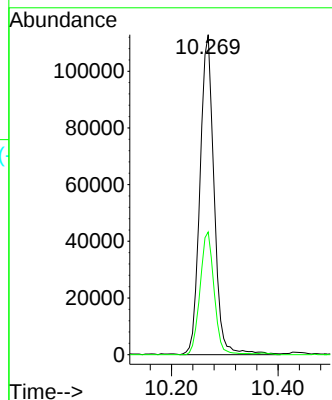
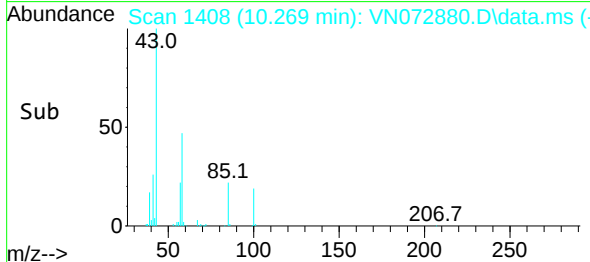
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 207844
Ion Ratio Lower Upper
43 100
58 38.3 34.1 51.1

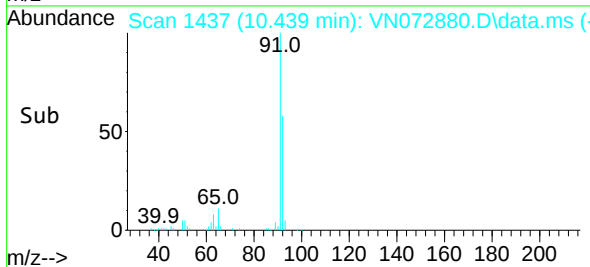
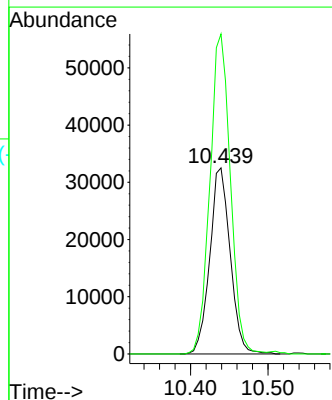
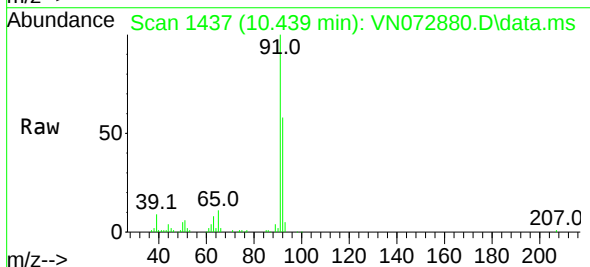
Manual Integrations
APPROVED

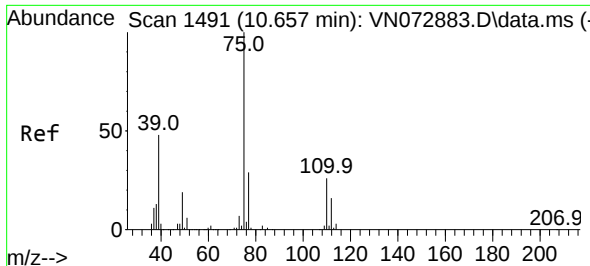
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Toluene
Concen: 5.125 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

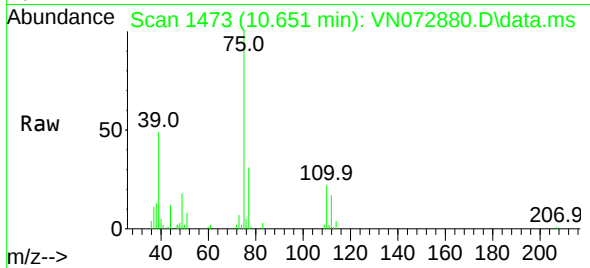
Tgt Ion: 92 Resp: 59485
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 4.994 ug/l
 RT: 10.651 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

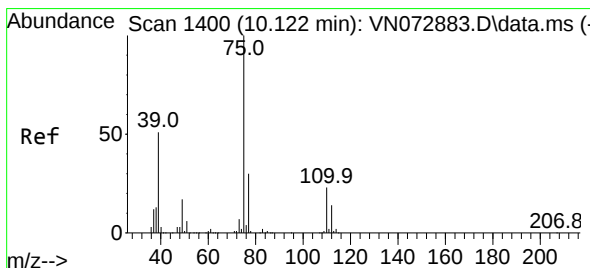
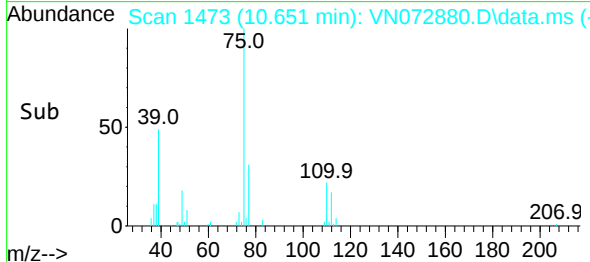
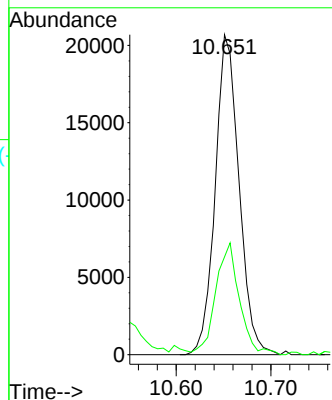
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 75 Resp: 3619
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4

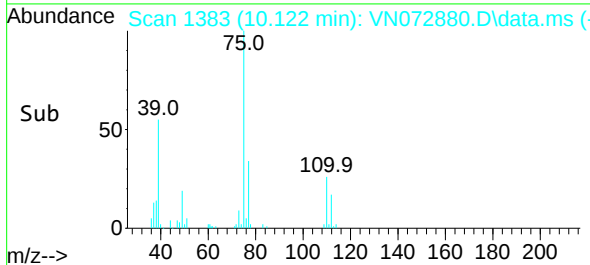
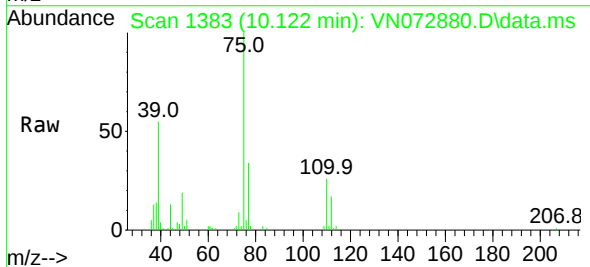
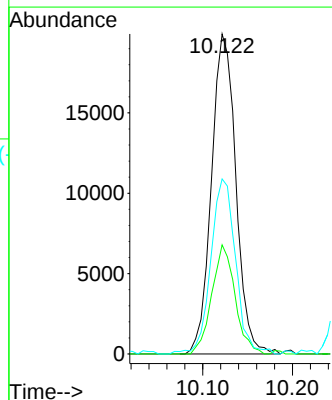
Manual Integrations
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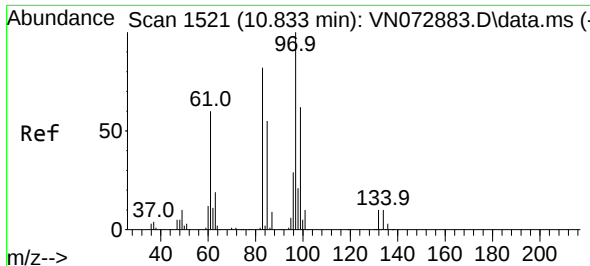
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#54
 cis-1,3-Dichloropropene
 Concen: 5.004 ug/l
 RT: 10.122 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

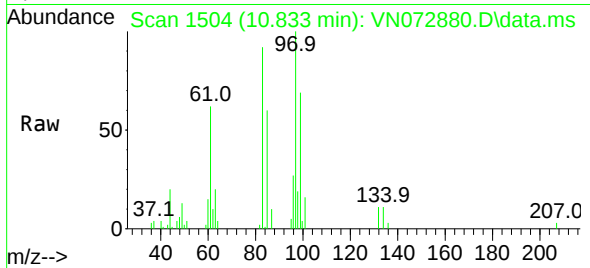
Tgt Ion: 75 Resp: 37656
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.2 37.8
 39 54.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 5.066 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

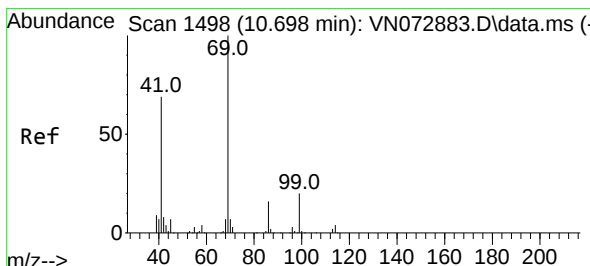
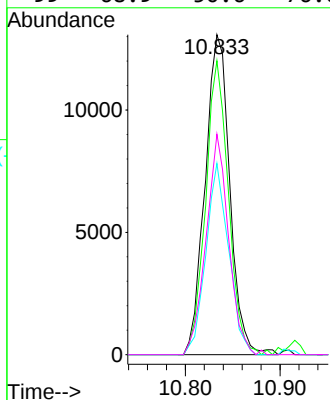
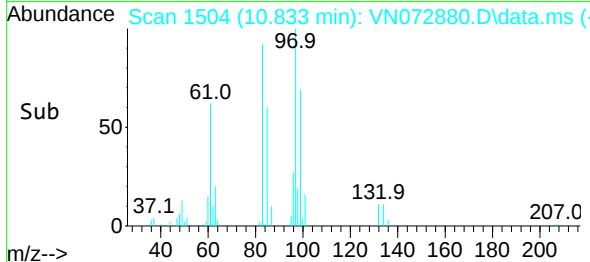
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



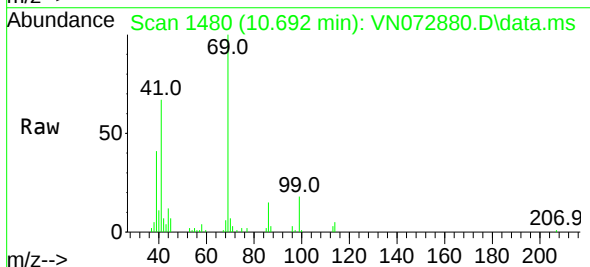
Tgt Ion:	97	Resp:	2374
Ion	Ratio	Lower	Upper
97	100		
83	91.8	66.2	99.4
85	59.7	43.9	65.9
99	68.9	50.6	76.0

Manual Integrations
APPROVED

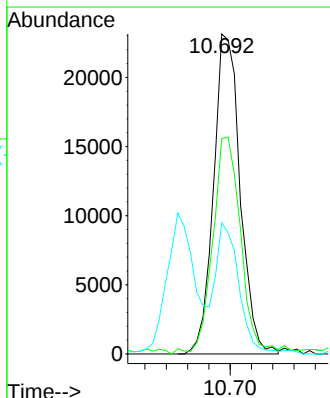
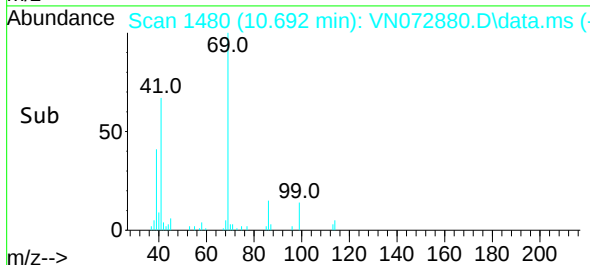
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

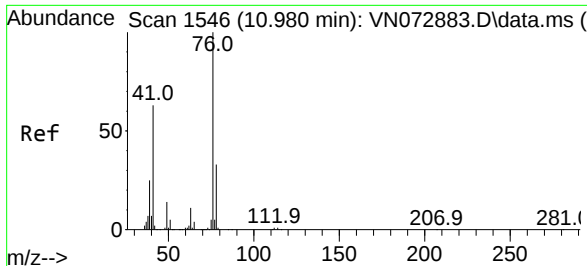


#56
Ethyl methacrylate
Concen: 5.027 ug/l
RT: 10.692 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion:	69	Resp:	40002
Ion	Ratio	Lower	Upper
69	100		
41	72.3	47.8	71.6#
39	33.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 5.308 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 4244

Ion Ratio Lower Upper

76 100

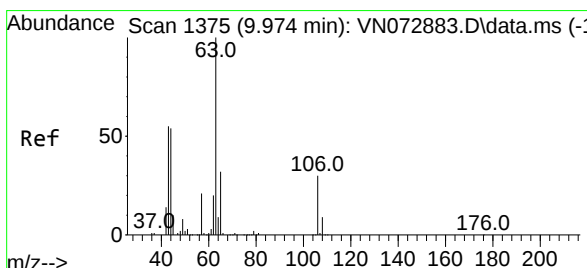
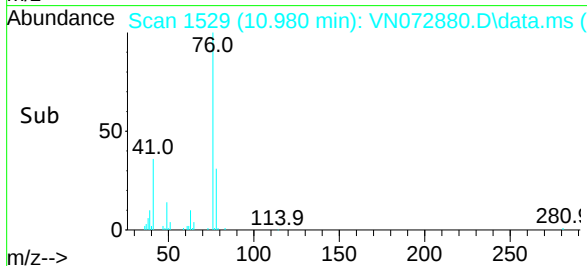
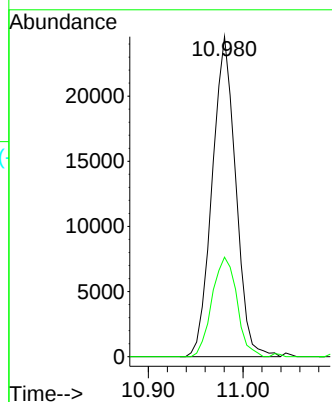
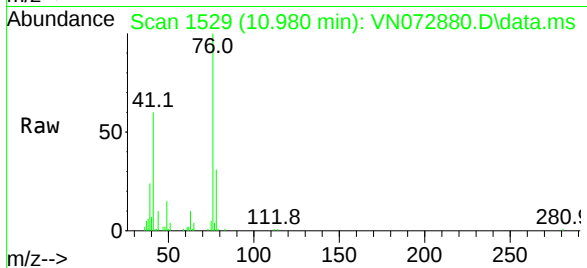
78 32.8 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 25.096 ug/l

RT: 9.975 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VN072880.D

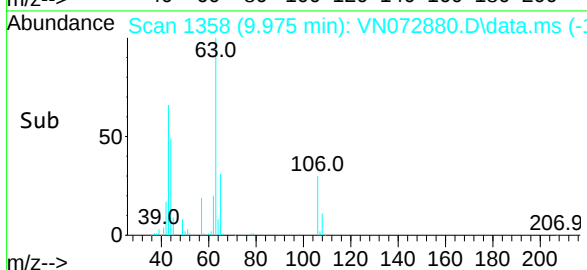
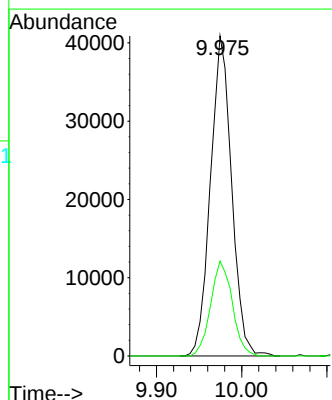
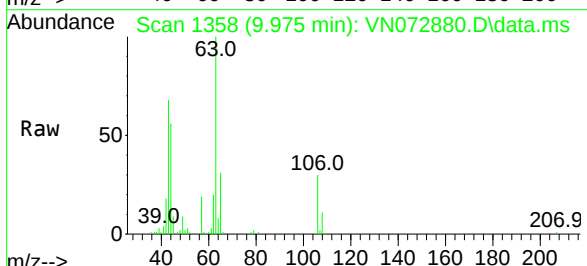
Acq: 16 Jun 2022 11:03

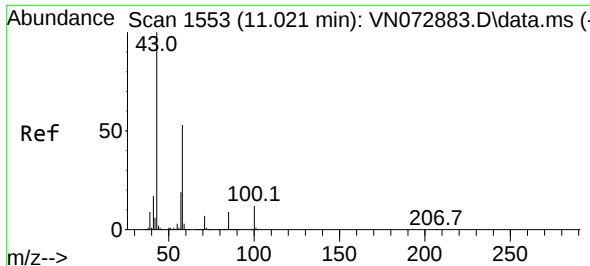
Tgt Ion: 63 Resp: 70594

Ion Ratio Lower Upper

63 100

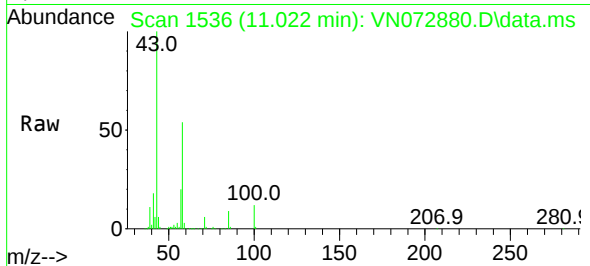
106 30.2 24.6 36.8





#59
2-Hexanone
Concen: 25.596 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

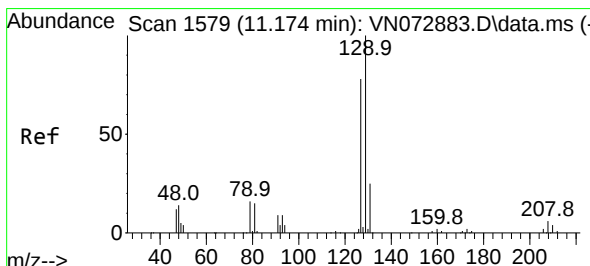
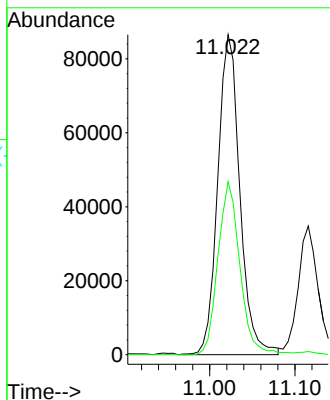
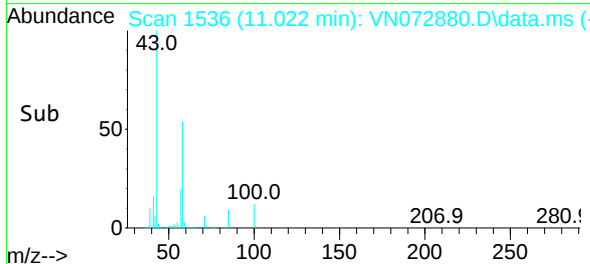
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



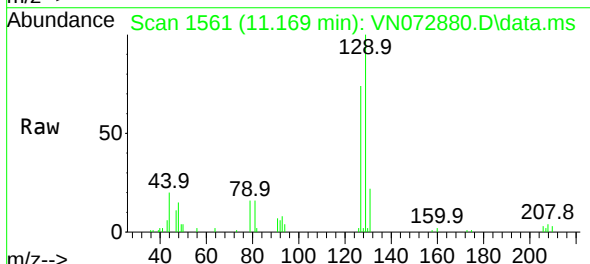
Tgt Ion: 43 Resp: 15589
Ion Ratio Lower Upper
43 100
58 53.7 29.7 89.1

Manual Integrations
APPROVED

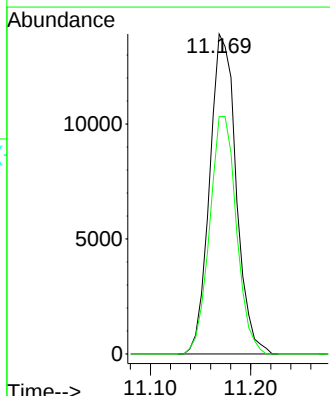
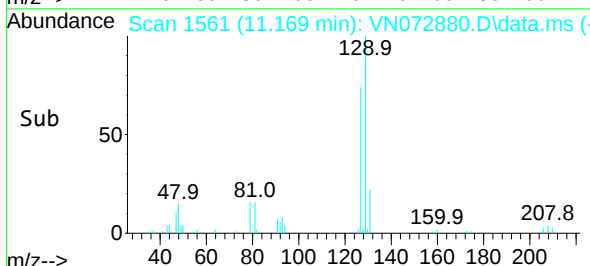
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

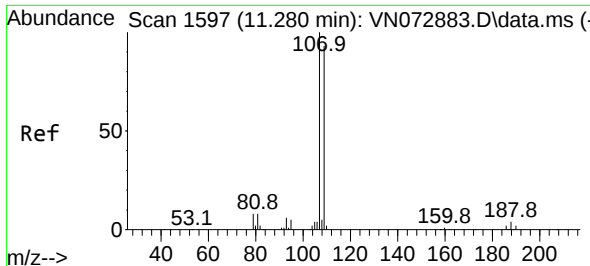


#60
Dibromochloromethane
Concen: 5.076 ug/l
RT: 11.169 min Scan# 1561
Delta R.T. -0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



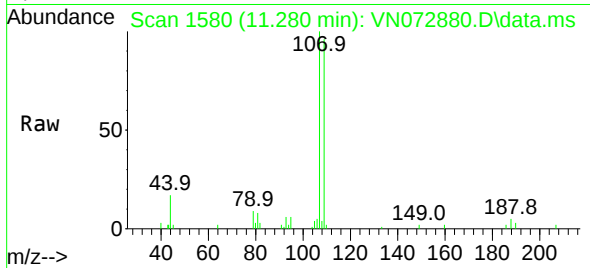
Tgt Ion:129 Resp: 25519
Ion Ratio Lower Upper
129 100
127 75.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 5.054 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

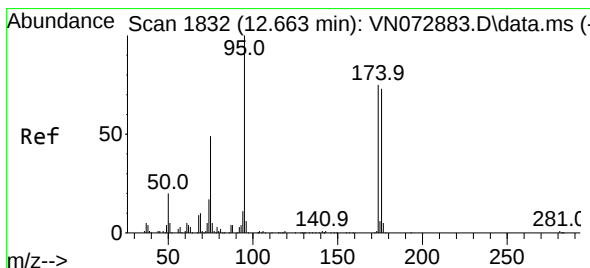
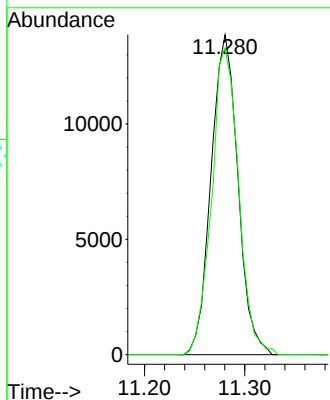
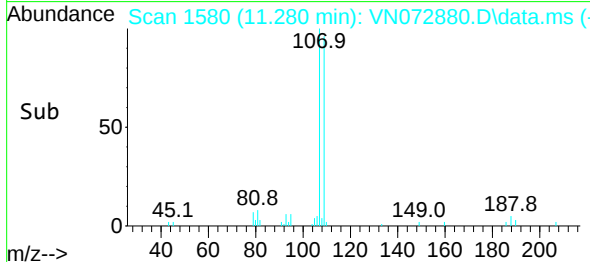
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



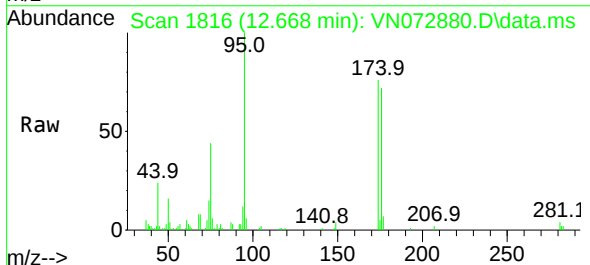
Tgt Ion:107 Resp: 25774
Ion Ratio Lower Upper
107 100
109 96.4 75.0 112.6

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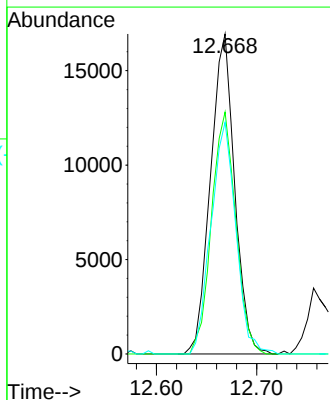
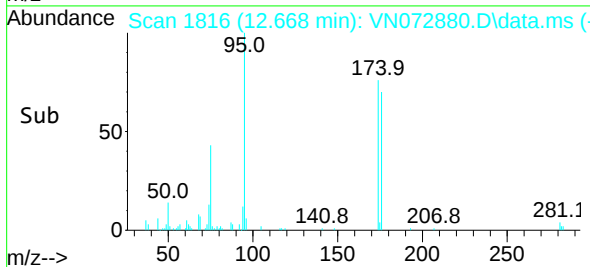
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

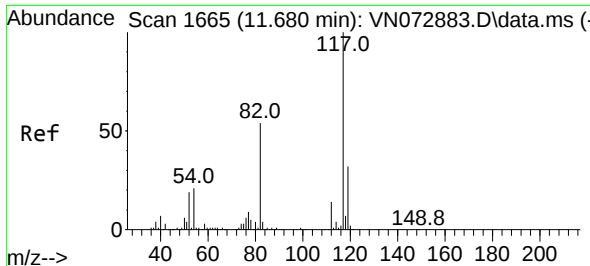


#62
4-Bromofluorobenzene
Concen: 5.069 ug/l
RT: 12.668 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



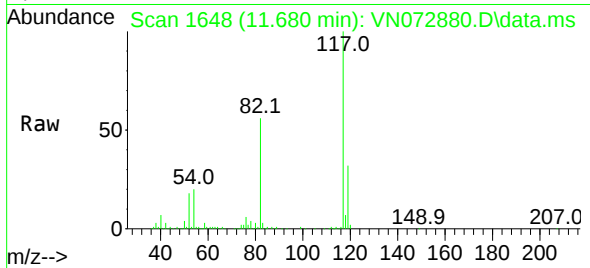
Tgt Ion: 95 Resp: 28371
Ion Ratio Lower Upper
95 100
174 75.8 0.0 167.6
176 74.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

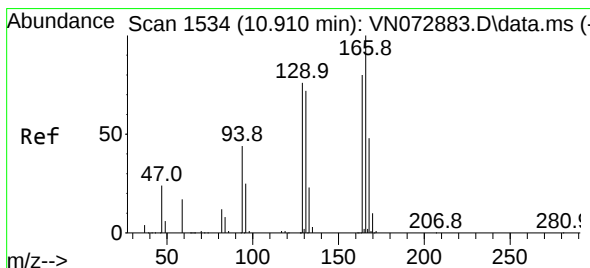
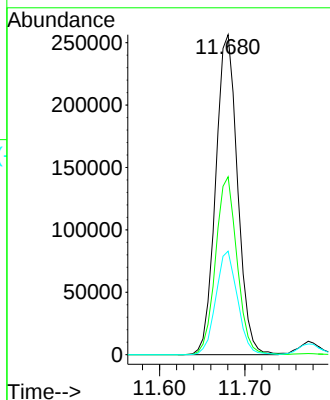
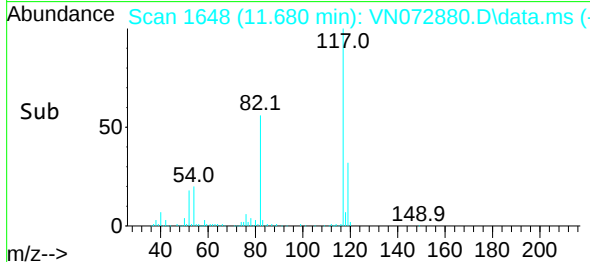
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



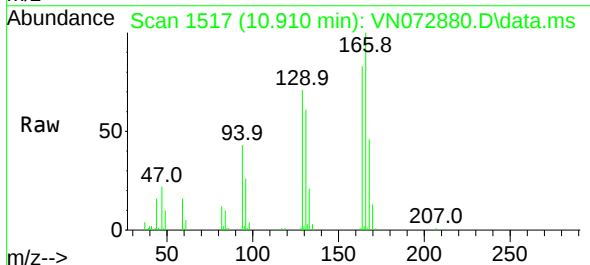
Tgt Ion:117 Resp: 457218
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
APPROVED

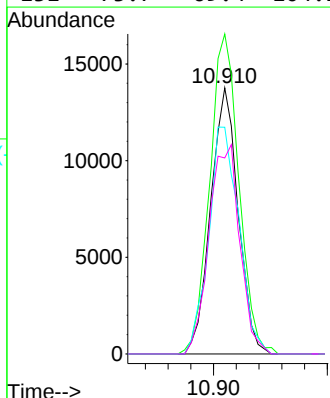
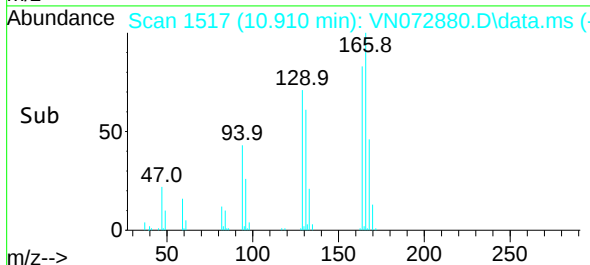
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

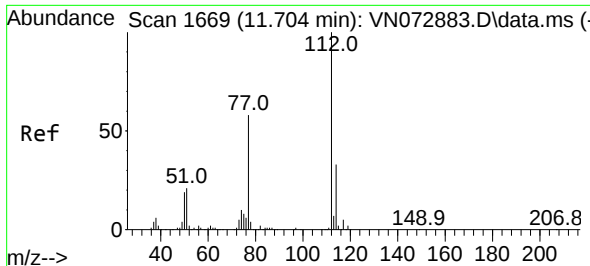


#64
Tetrachloroethene
Concen: 5.269 ug/l
RT: 10.910 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion:164 Resp: 23131
Ion Ratio Lower Upper
164 100
166 120.3 104.2 156.2
129 85.2 73.9 110.9
131 73.7 69.4 104.2





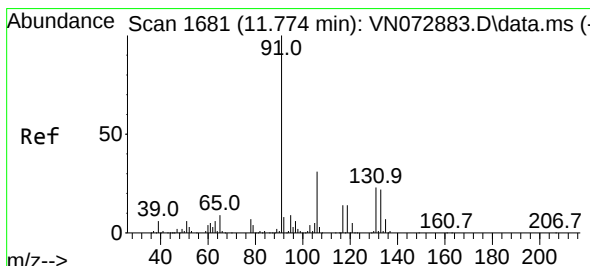
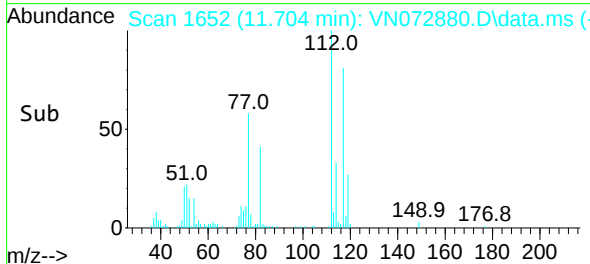
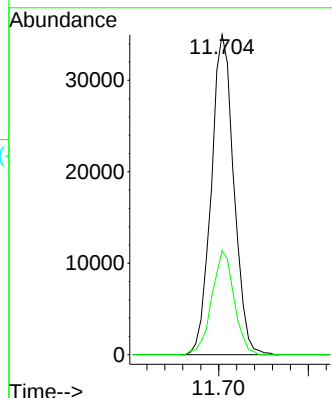
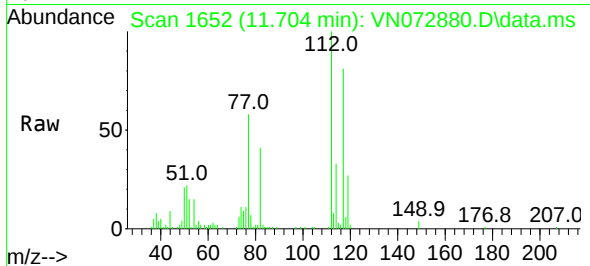
#65
Chlorobenzene
Concen: 5.069 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:112 Resp: 61073
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

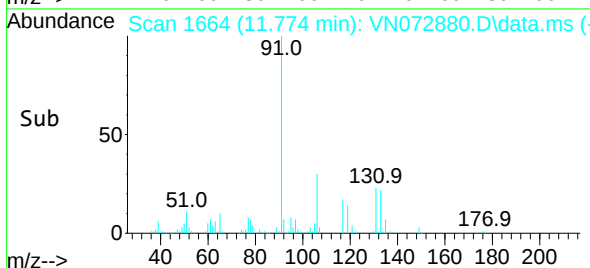
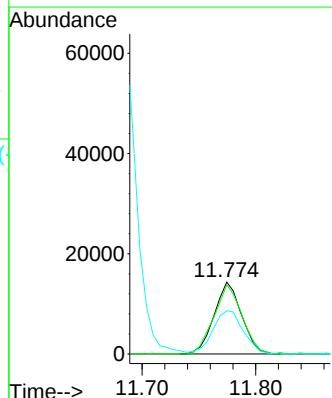
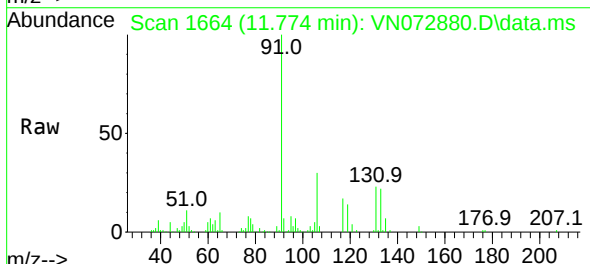
Manual Integrations
APPROVED

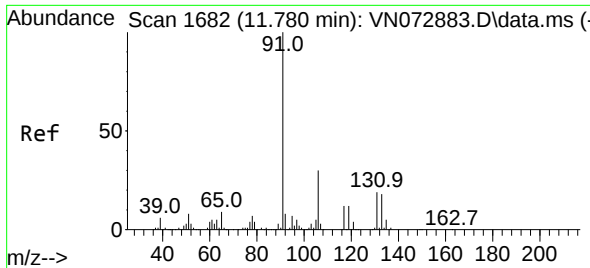
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 5.151 ug/l
RT: 11.774 min Scan# 1664
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Tgt Ion:131 Resp: 23994
Ion Ratio Lower Upper
131 100
133 99.3 47.8 143.4
119 66.9 33.4 100.2





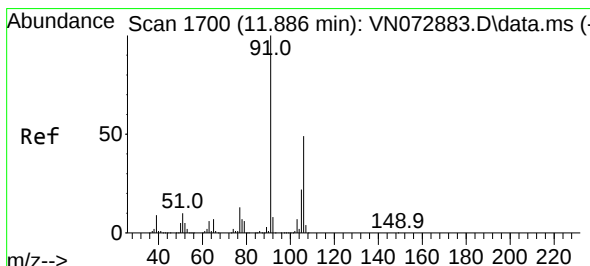
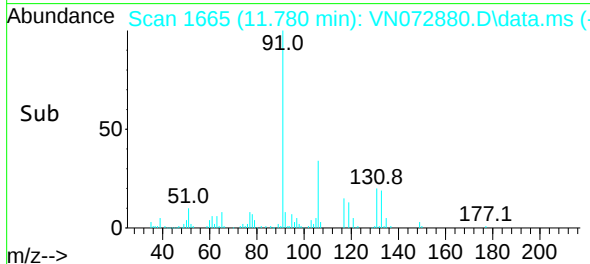
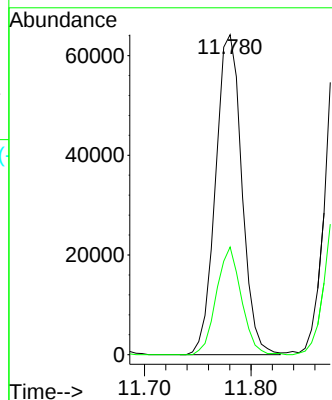
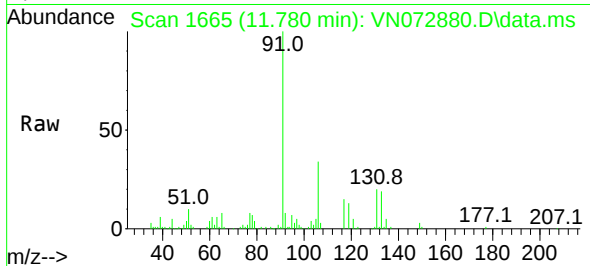
#67
Ethyl Benzene
Concen: 5.159 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 10978
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3

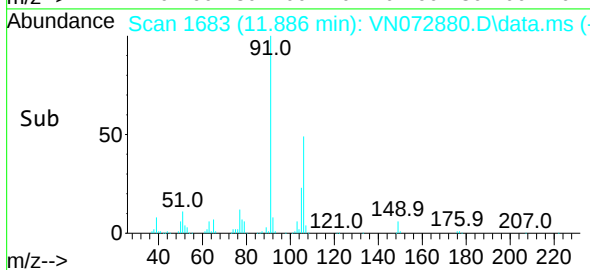
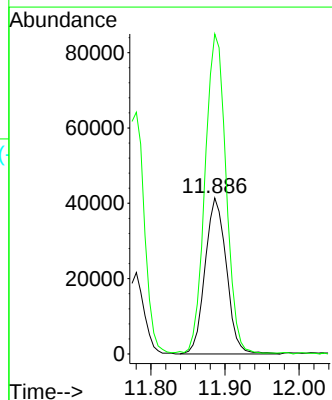
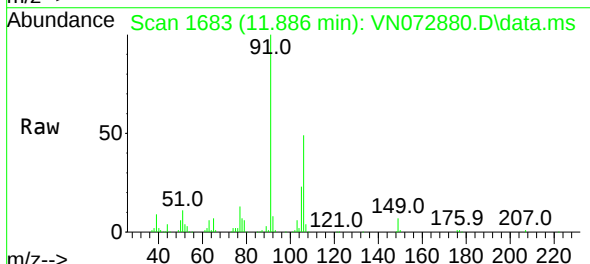
Manual Integrations
APPROVED

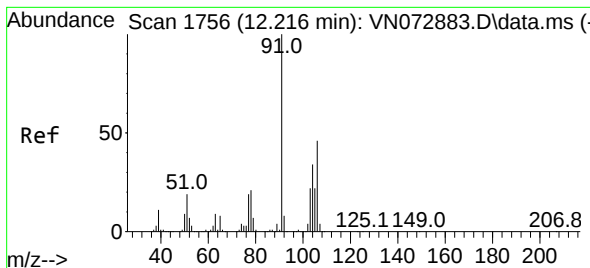
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
m/p-Xylenes
Concen: 10.127 ug/l
RT: 11.886 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

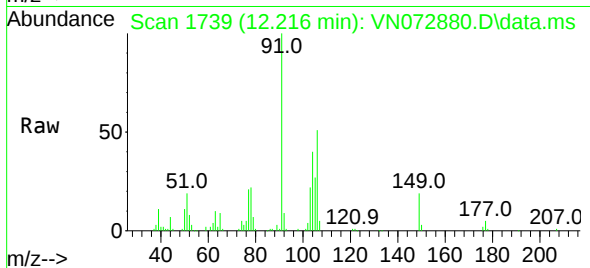
Tgt Ion:106 Resp: 82787
Ion Ratio Lower Upper
106 100
91 201.4 158.9 238.3





#69
o-Xylene
Concen: 5.237 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

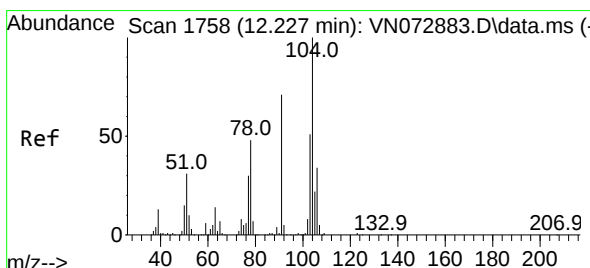
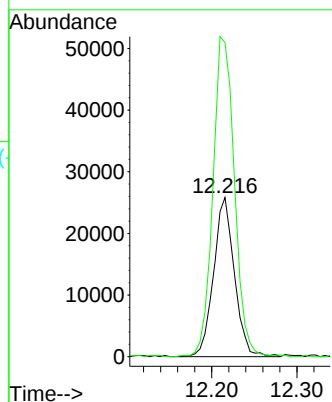
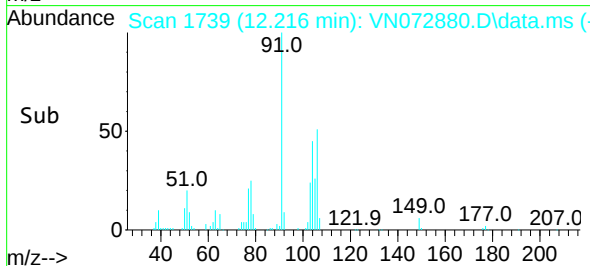
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



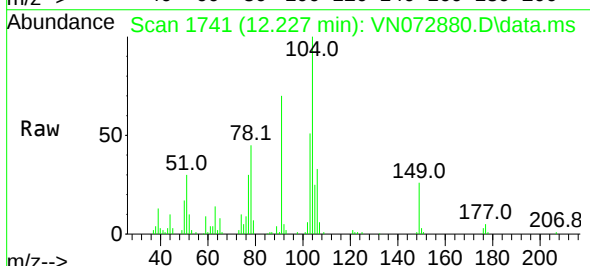
Tgt Ion:106 Resp: 43929
Ion Ratio Lower Upper
106 100
91 208.2 106.0 318.0

Manual Integrations
APPROVED

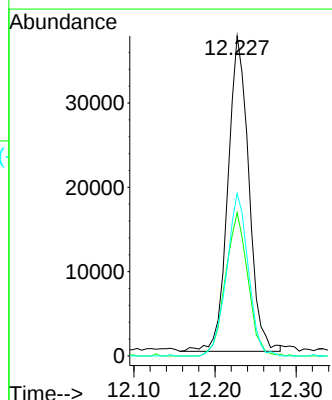
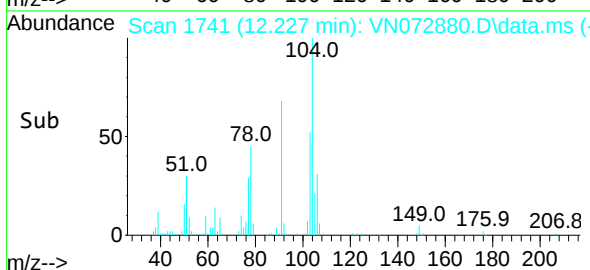
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

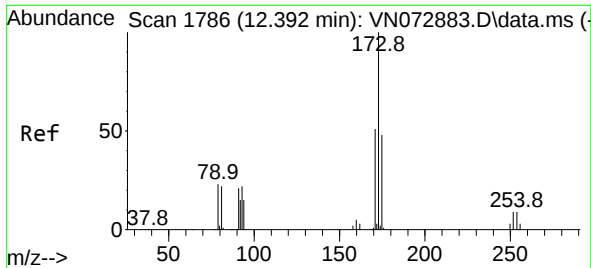


#70
Styrene
Concen: 5.165 ug/l
RT: 12.227 min Scan# 1741
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



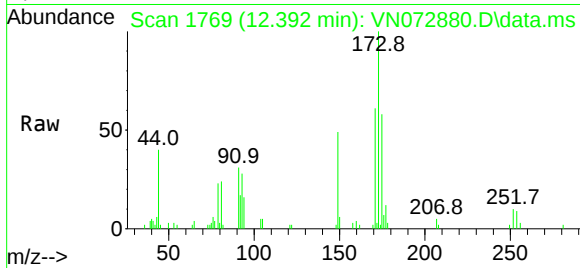
Tgt Ion:104 Resp: 67055
Ion Ratio Lower Upper
104 100
78 48.4 39.5 59.3
103 53.2 44.0 66.0





#71
Bromoform
Concen: 4.979 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

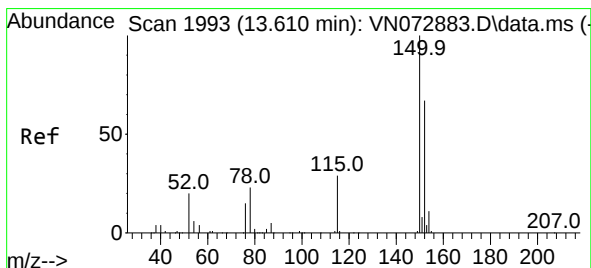
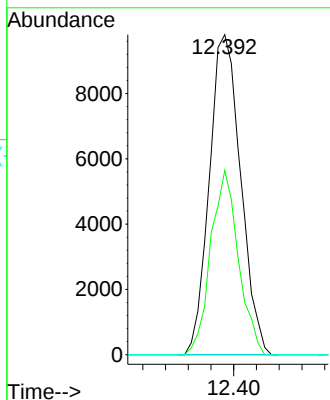
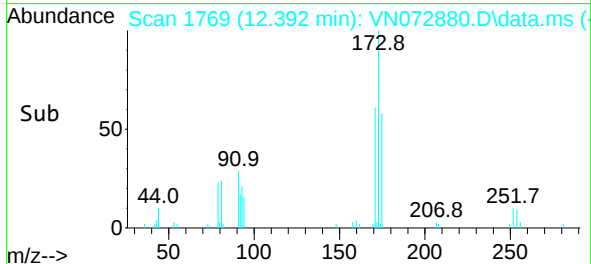
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



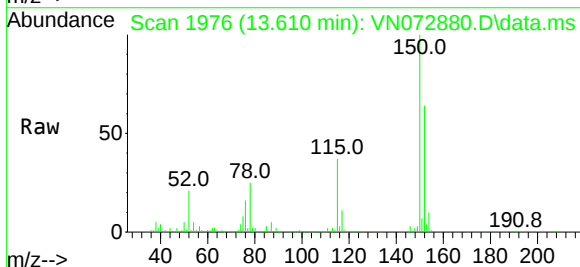
Tgt Ion:173 Resp: 18740
Ion Ratio Lower Upper
173 100
175 51.0 24.6 73.6
254 0.0 0.1 0.1

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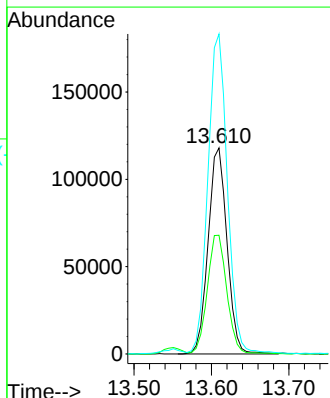
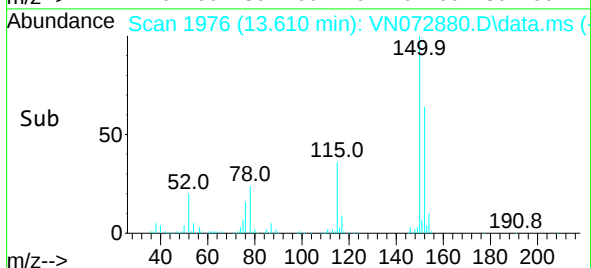
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

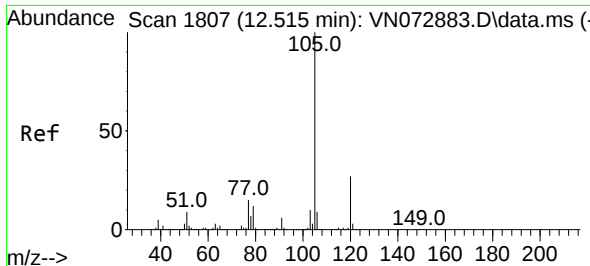


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion:152 Resp: 199897
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 159.6 0.0 356.2





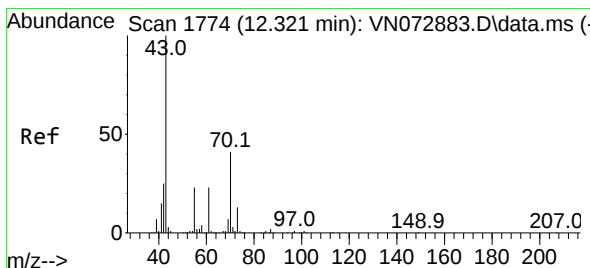
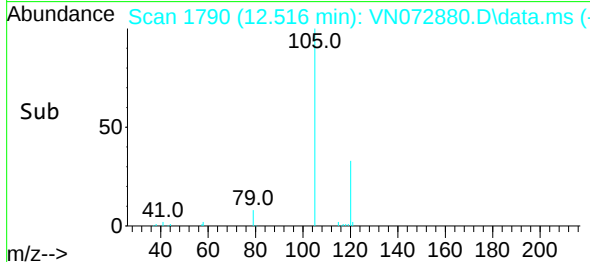
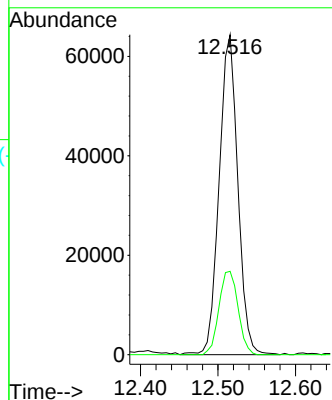
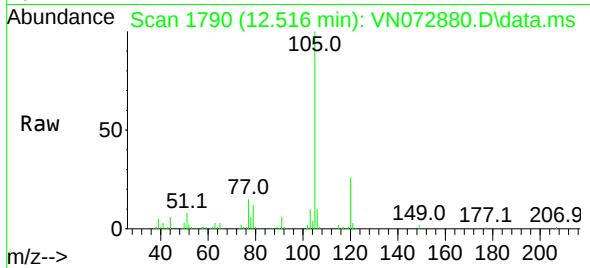
#73
Isopropylbenzene
Concen: 5.652 ug/l
RT: 12.516 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 107748
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

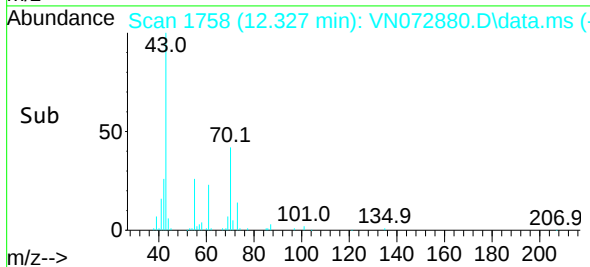
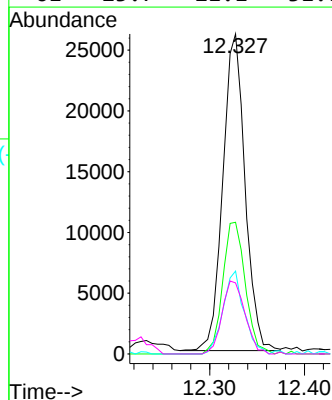
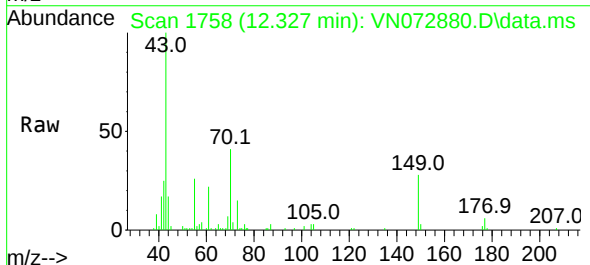
Manual Integrations
APPROVED

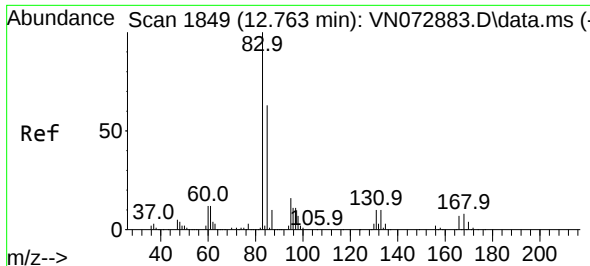
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#74
N-ethyl acetate
Concen: 5.216 ug/l
RT: 12.327 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Tgt Ion: 43 Resp: 42549
Ion Ratio Lower Upper
43 100
70 42.0 39.0 58.4
55 24.8 21.1 31.7
61 23.7 21.1 31.7





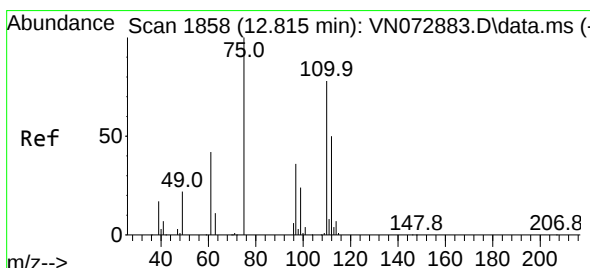
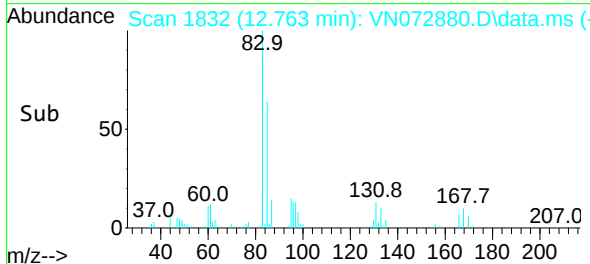
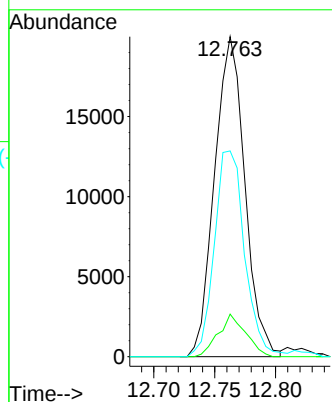
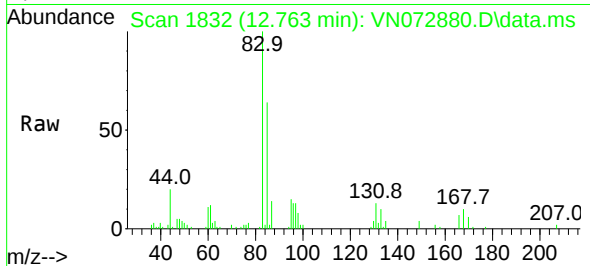
#75
1,1,2,2-Tetrachloroethane
Concen: 5.553 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 3461
Ion Ratio Lower Upper
83 100
131 12.0 5.3 15.9
85 64.2 32.3 96.9

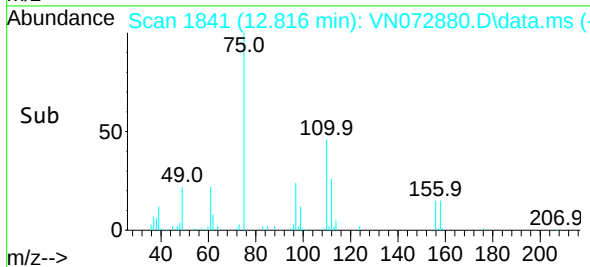
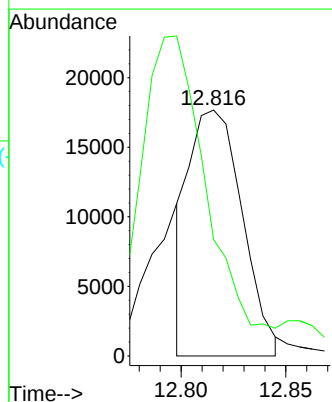
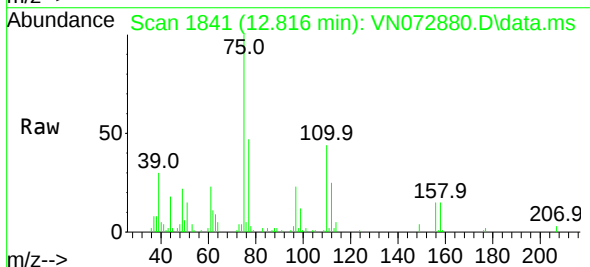
Manual Integrations
APPROVED

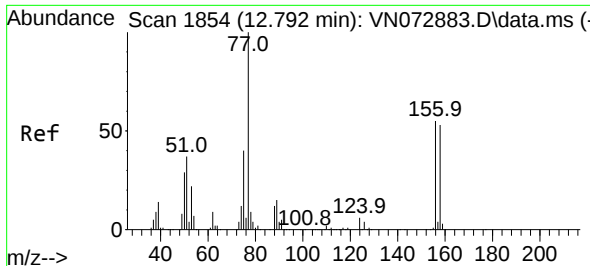
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#76
1,2,3-Trichloropropane
Concen: 5.233 ug/l m
RT: 12.816 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

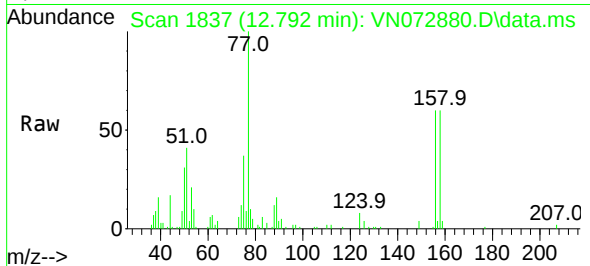
Tgt Ion: 75 Resp: 31185
Ion Ratio Lower Upper
75 100
77 167.3 98.5 295.5





#77
Bromobenzene
Concen: 5.363 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

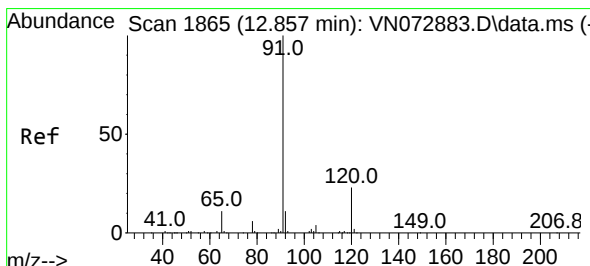
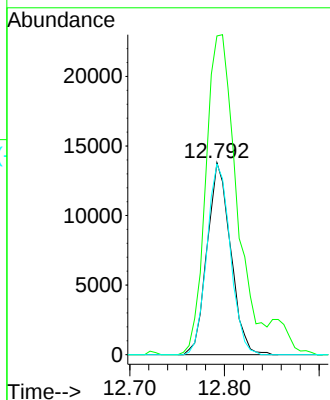
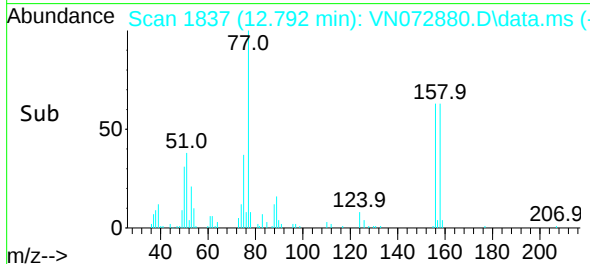
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



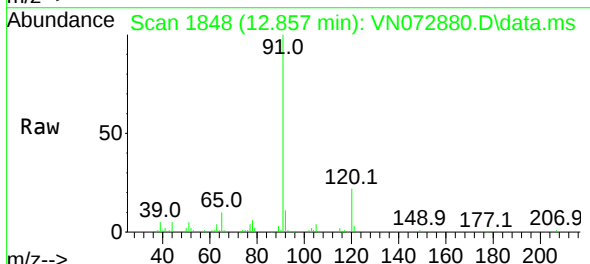
Tgt Ion:156 Resp: 23894
Ion Ratio Lower Upper
156 100
77 218.3 100.5 301.5
158 98.8 48.9 146.6

Manual Integrations
APPROVED

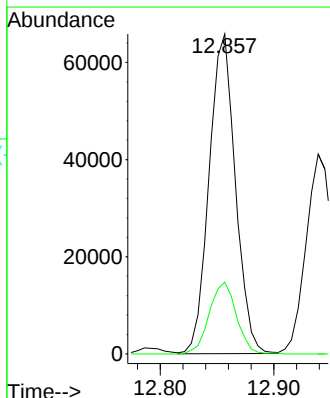
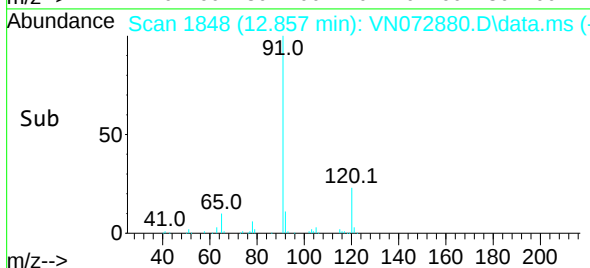
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

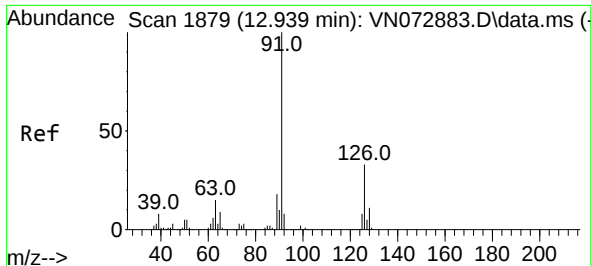


#78
n-propylbenzene
Concen: 5.332 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion: 91 Resp: 105998
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





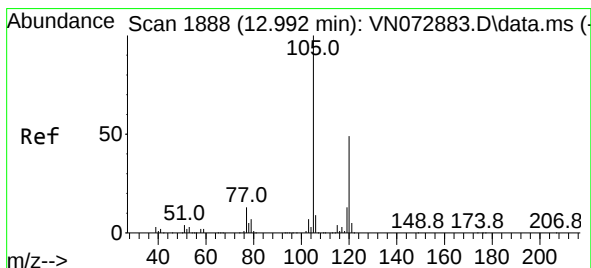
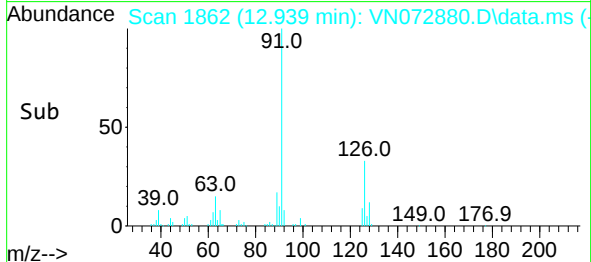
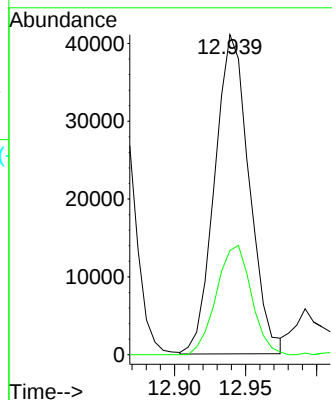
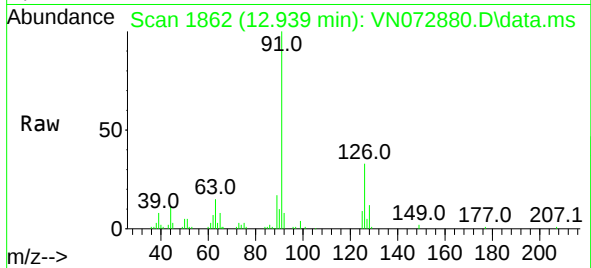
#79
2-Chlorotoluene
Concen: 5.356 ug/l
RT: 12.939 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 69410
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9

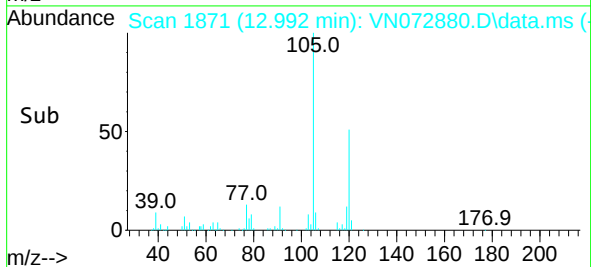
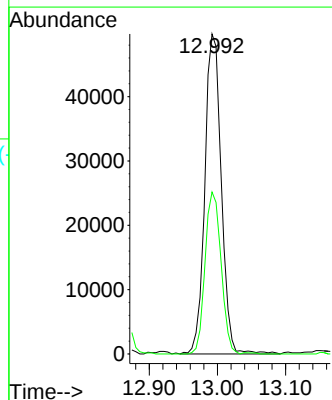
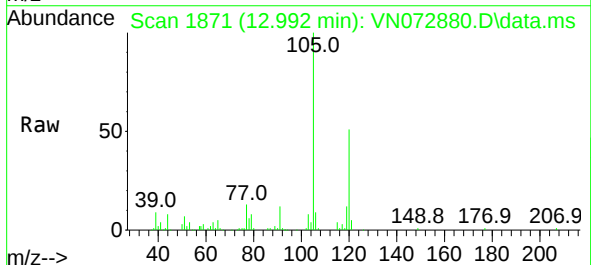
Manual Integrations
APPROVED

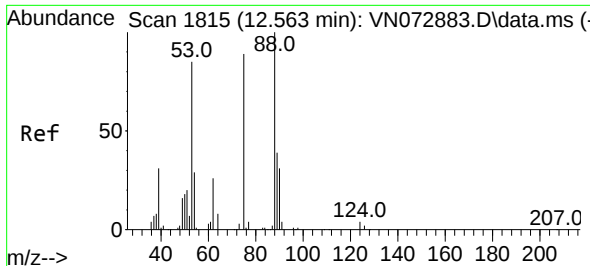
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.476 ug/l
RT: 12.992 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

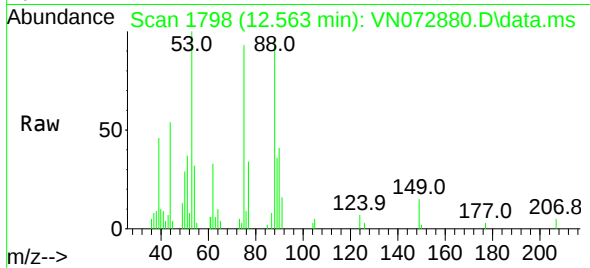
Tgt Ion:105 Resp: 83651
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 5.231 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

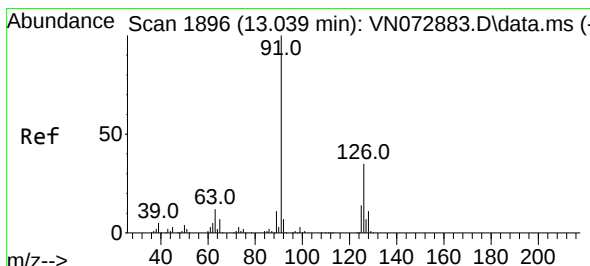
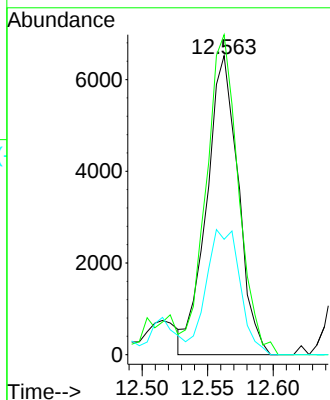
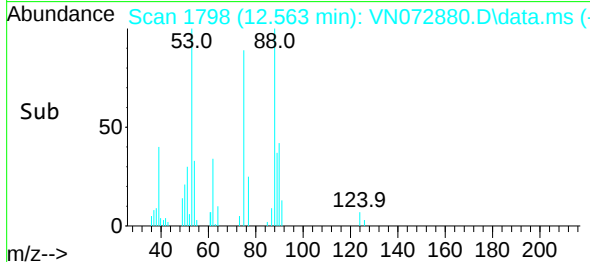
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 10929
Ion Ratio Lower Upper
75 100
53 109.4 78.0 117.0
89 44.9 37.2 55.8

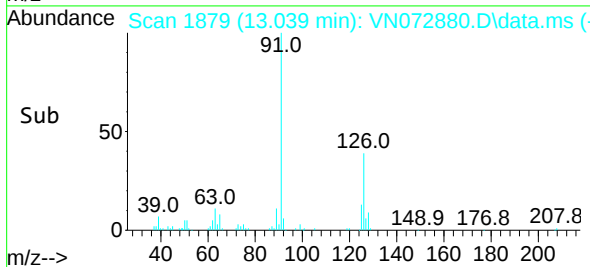
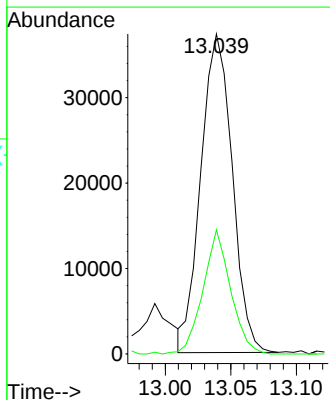
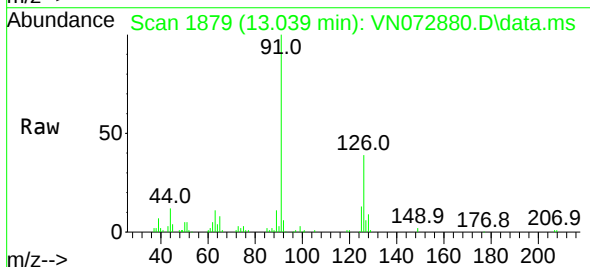
Manual Integrations
APPROVED

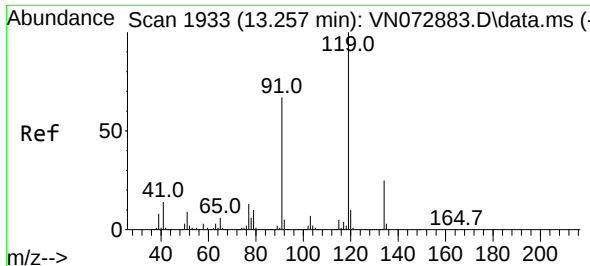
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#82
4-Chlorotoluene
Concen: 5.195 ug/l
RT: 13.039 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Tgt Ion: 91 Resp: 62047
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





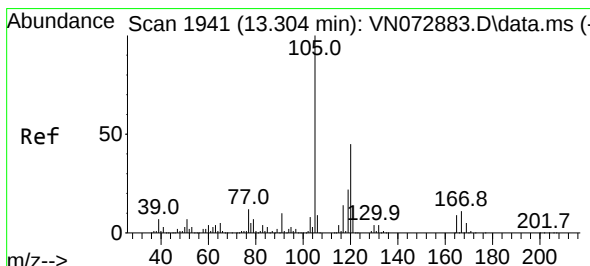
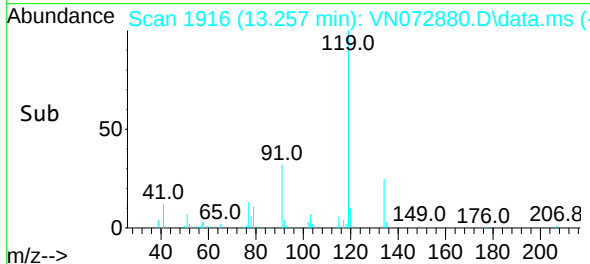
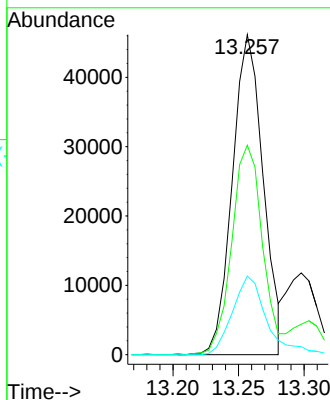
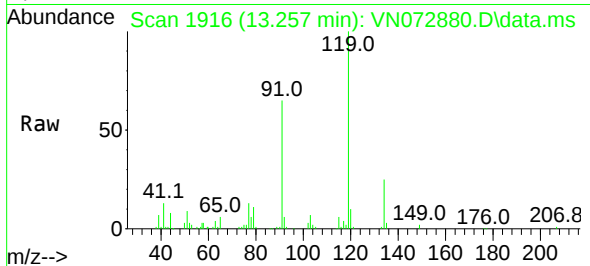
#83
tert-Butylbenzene
Concen: 5.516 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 75429
Ion Ratio Lower Upper
119 100
91 66.2 31.6 94.8
134 27.3 13.7 41.1

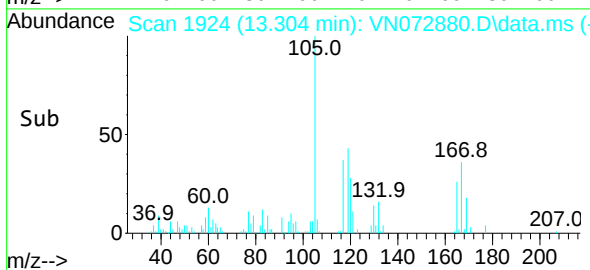
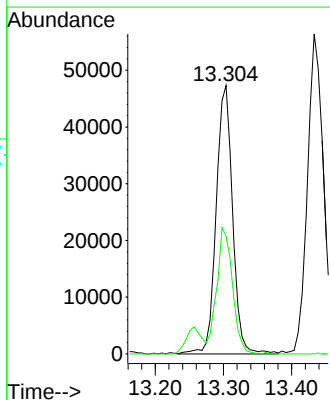
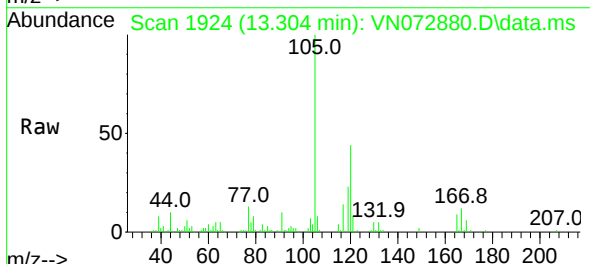
Manual Integrations
APPROVED

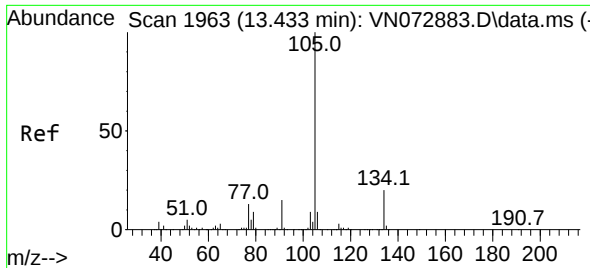
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.400 ug/l
RT: 13.304 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Tgt Ion:105 Resp: 79306
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





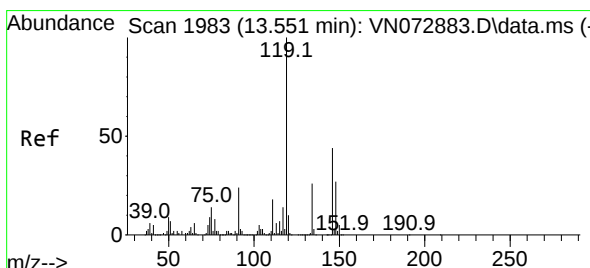
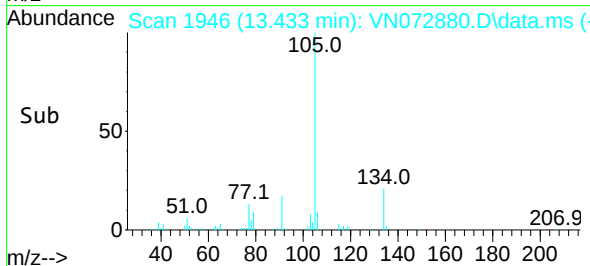
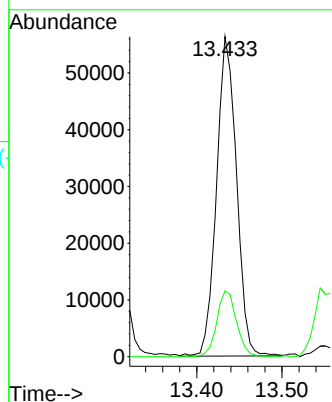
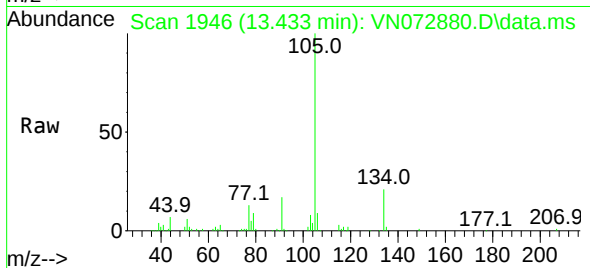
#85
 sec-Butylbenzene
 Concen: 5.175 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 9173
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

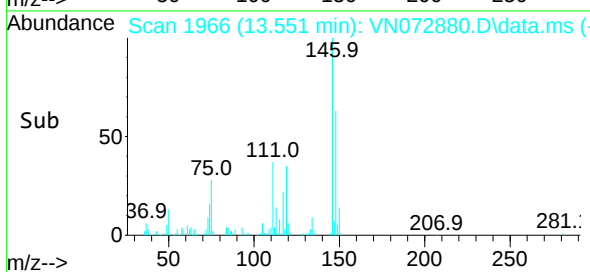
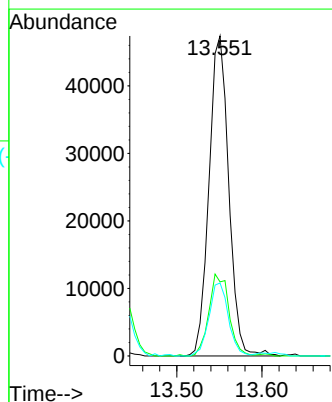
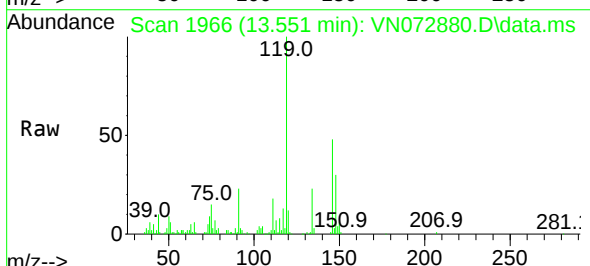
Manual Integrations
 APPROVED

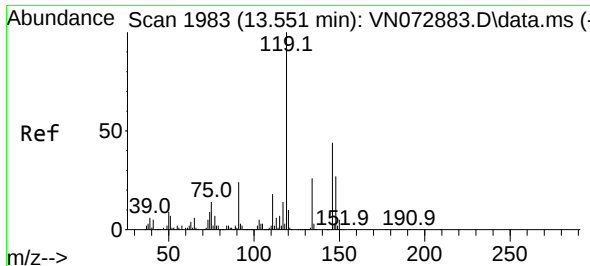
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#86
 p-Isopropyltoluene
 Concen: 5.328 ug/l
 RT: 13.551 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN072880.D
 Acq: 16 Jun 2022 11:03

Tgt Ion:119 Resp: 76233
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 22.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 5.056 ug/l

RT: 13.551 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 36692

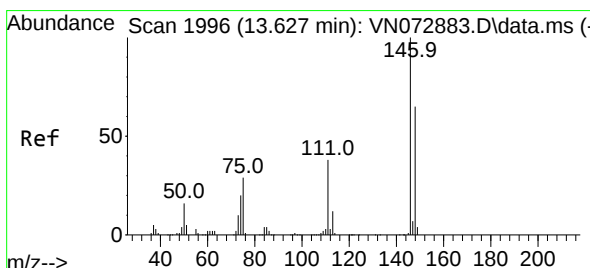
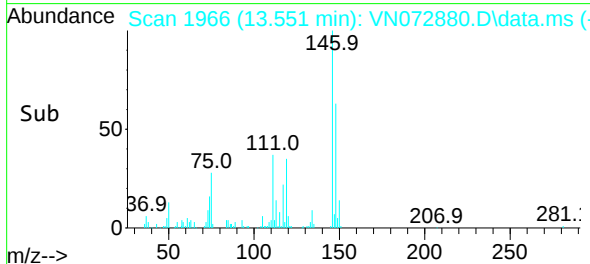
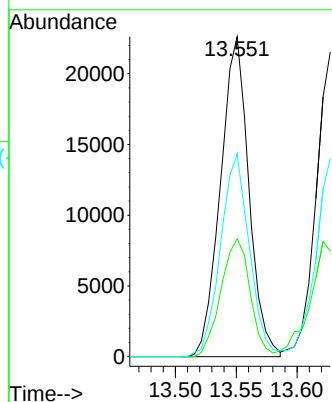
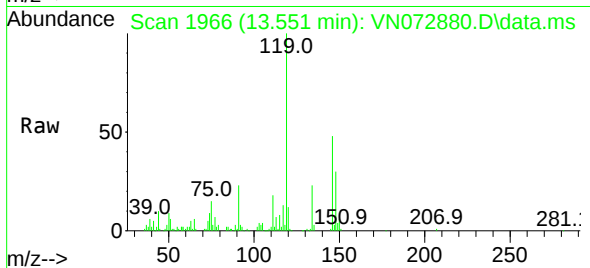
Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.0	60.0
148	64.4	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/30/2022



#88

1,4-Dichlorobenzene

Concen: 5.075 ug/l

RT: 13.627 min Scan# 1979

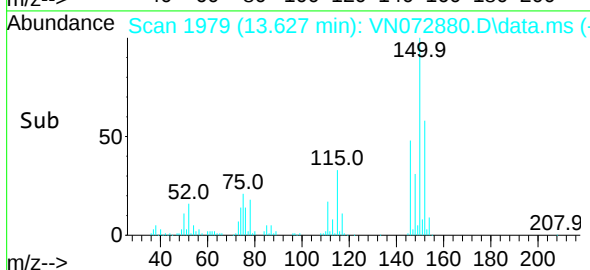
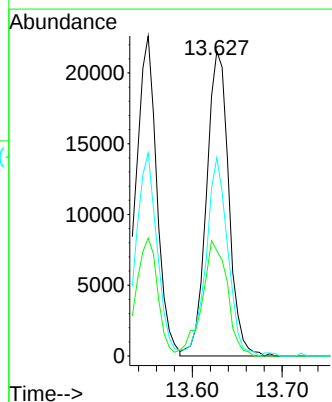
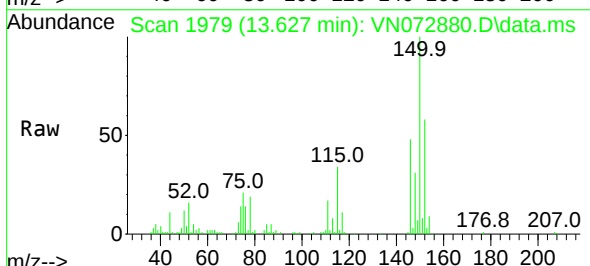
Delta R.T. 0.000 min

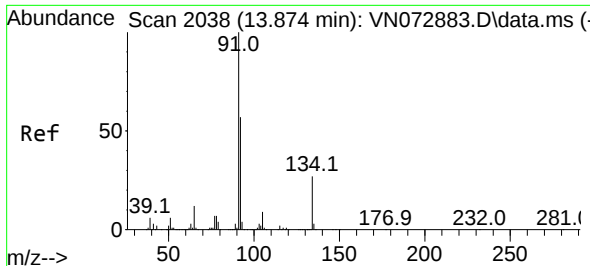
Lab File: VN072880.D

Acq: 16 Jun 2022 11:03

Tgt Ion:146 Resp: 37081

Ion	Ratio	Lower	Upper
146	100		
111	42.8	19.1	57.1
148	63.3	31.4	94.3





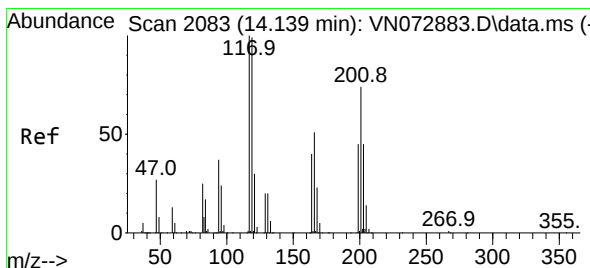
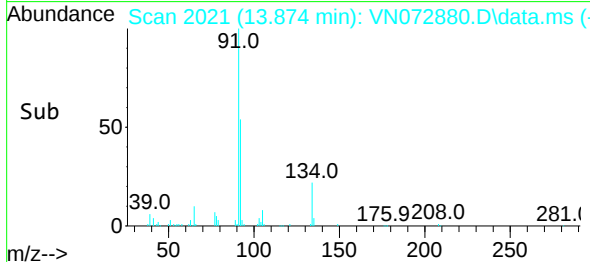
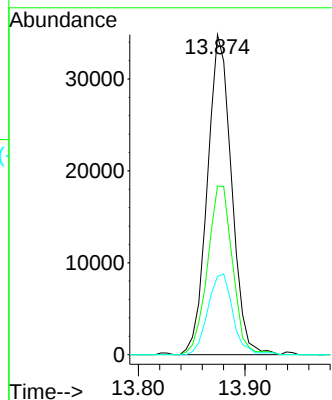
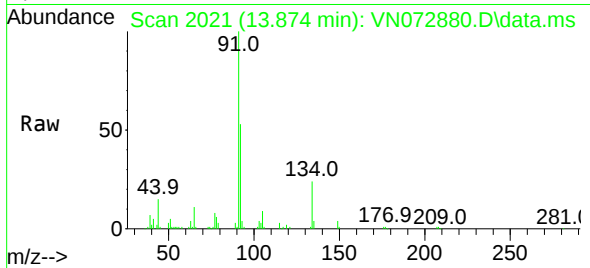
#89
n-Butylbenzene
Concen: 4.994 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 54920
Ion Ratio Lower Upper
91 100
92 54.7 26.9 80.7
134 26.1 13.6 40.8

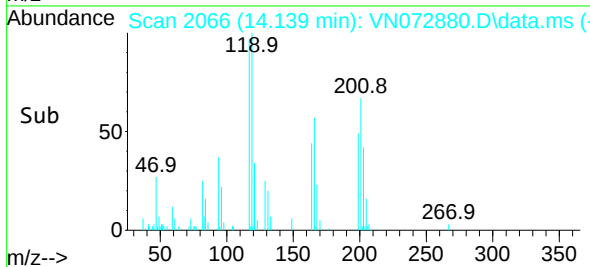
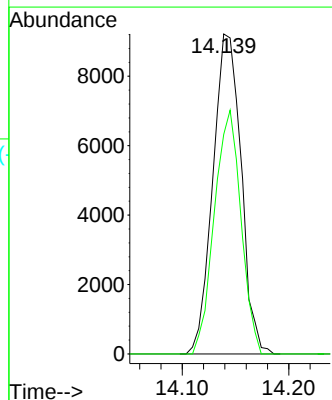
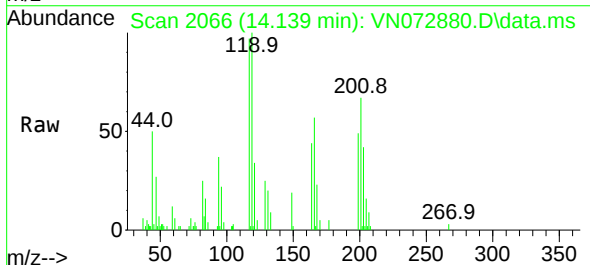
Manual Integrations
APPROVED

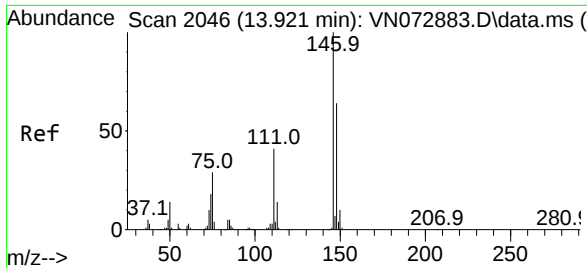
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022



#90
Hexachloroethane
Concen: 5.484 ug/l
RT: 14.139 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

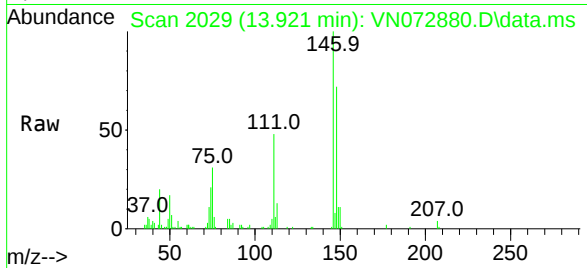
Tgt Ion:117 Resp: 16963
Ion Ratio Lower Upper
117 100
201 71.8 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 5.308 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

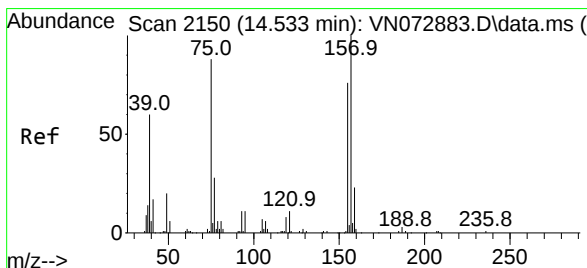
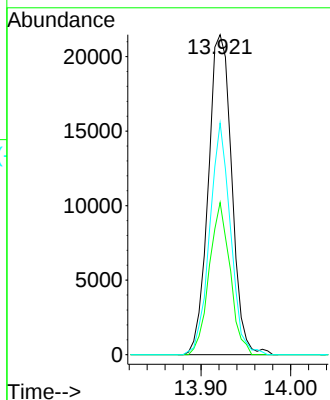
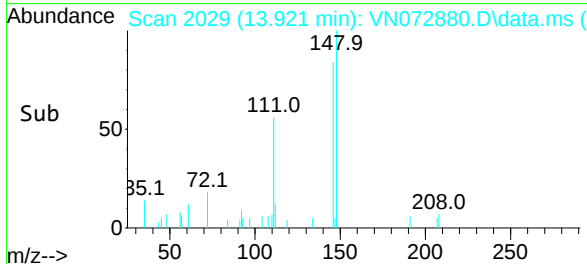
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



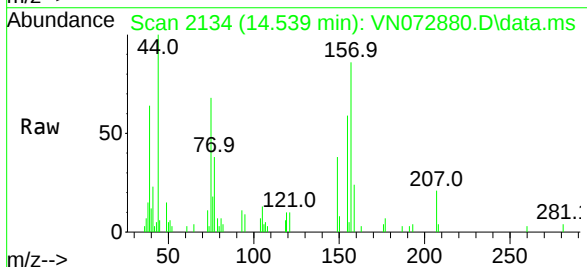
Tgt Ion:146 Resp: 3896
Ion Ratio Lower Upper
146 100
111 42.2 20.9 62.8
148 64.5 32.1 96.3

Manual Integrations
APPROVED

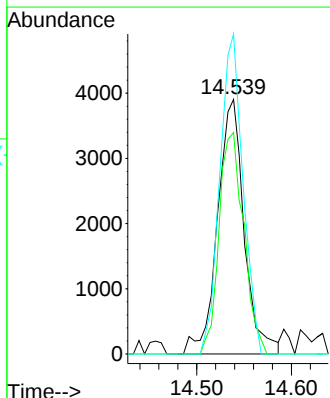
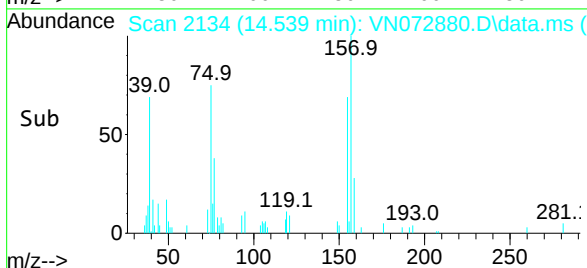
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

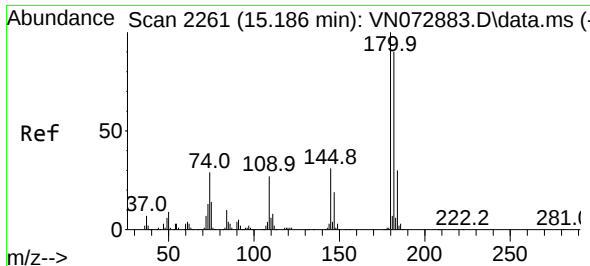


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.051 ug/l
RT: 14.539 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



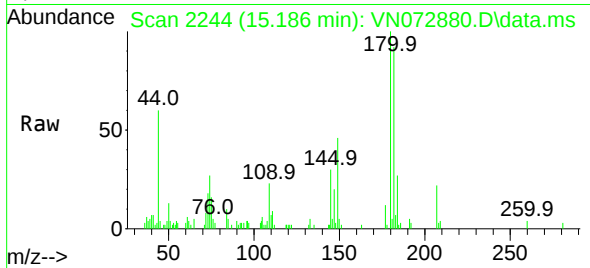
Tgt Ion: 75 Resp: 7641
Ion Ratio Lower Upper
75 100
155 80.4 44.9 134.5
157 109.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 4.701 ug/l
RT: 15.186 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

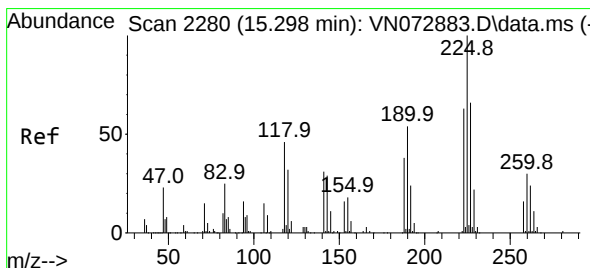
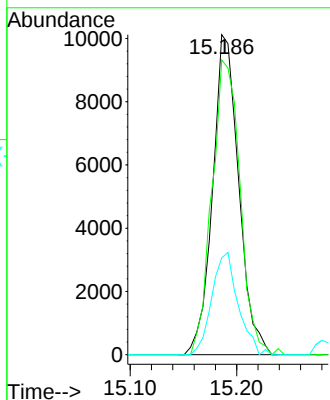
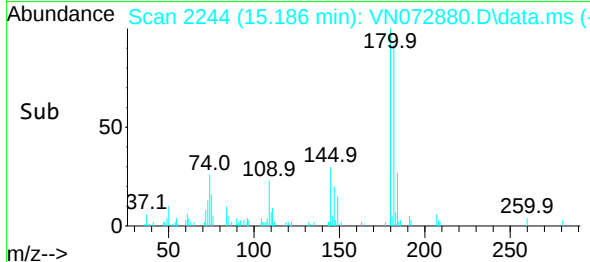
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



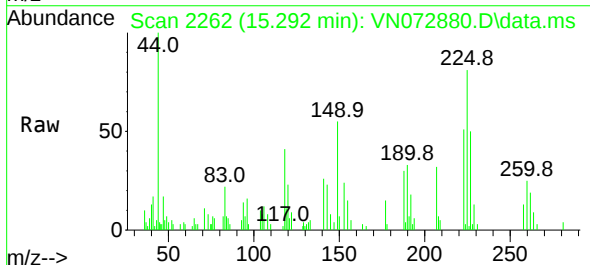
Tgt Ion:180 Resp: 1724
Ion Ratio Lower Upper
180 100
182 99.1 47.5 142.5
145 32.1 14.5 43.5

Manual Integrations
APPROVED

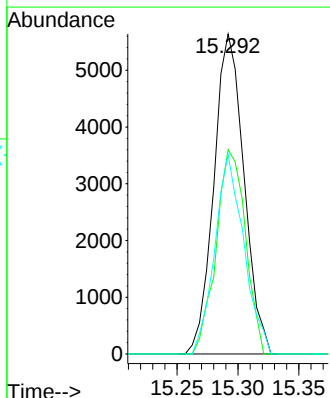
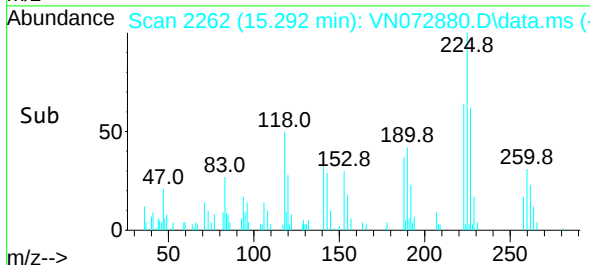
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/30/2022

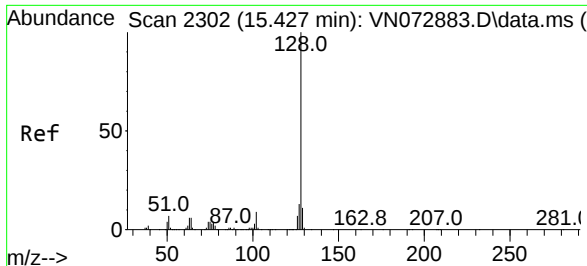


#94
Hexachlorobutadiene
Concen: 5.340 ug/l
RT: 15.292 min Scan# 2262
Delta R.T. -0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



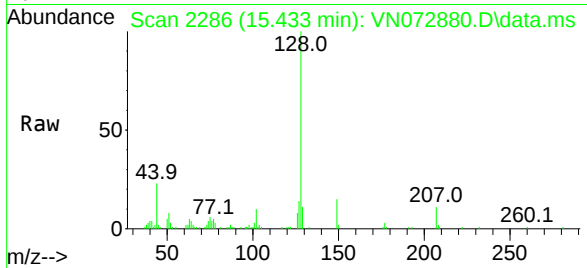
Tgt Ion:225 Resp: 9696
Ion Ratio Lower Upper
225 100
223 62.2 32.4 97.2
227 60.1 31.8 95.4





#95
Naphthalene
Concen: 4.453 ug/l
RT: 15.433 min Scan# 2319
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03

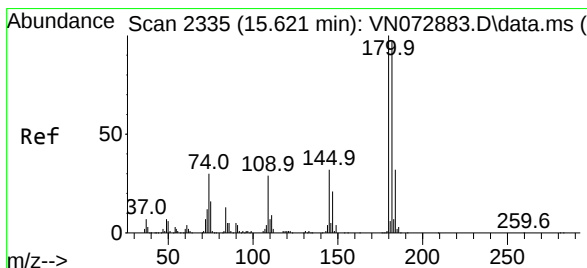
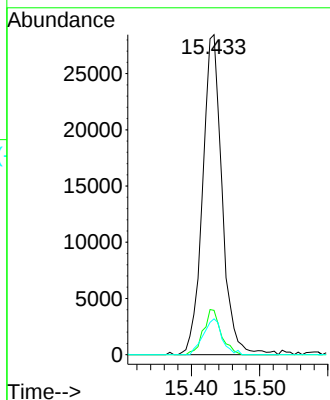
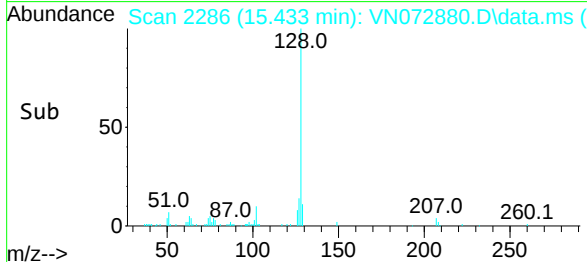
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



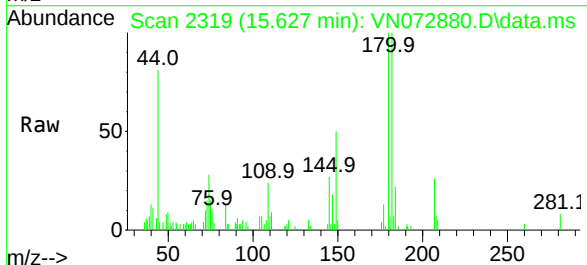
Tgt Ion:128 Resp: 56390
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.691 ug/l
RT: 15.627 min Scan# 2319
Delta R.T. 0.006 min
Lab File: VN072880.D
Acq: 16 Jun 2022 11:03



Tgt Ion:180 Resp: 17085
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 37.2 15.5 46.5

