

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072522\
 Data File : VN073597.D
 Acq On : 25 Jul 2022 22:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 02:20:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	165676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	279096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	262724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	134851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	123933	51.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.640%			
35) Dibromofluoromethane	7.951	113	100470	54.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.220%			
50) Toluene-d8	10.380	98	340118	51.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.674	95	135426	53.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	146732	60.578	ug/l	98
3) Chloromethane	2.263	50	133533	56.784	ug/l	98
4) Vinyl Chloride	2.404	62	121912	61.015	ug/l	97
5) Bromomethane	2.781	94	51652	54.732	ug/l	100
6) Chloroethane	2.957	64	78091	66.439	ug/l	96
7) Trichlorofluoromethane	3.304	101	170874	49.466	ug/l	98
8) Diethyl Ether	3.763	74	79358	56.435	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.140	101	107331	52.585	ug/l	97
10) Methyl Iodide	4.345	142	114221	47.380	ug/l	95
11) Tert butyl alcohol	5.292	59	171776	296.482	ug/l	100
12) 1,1-Dichloroethene	4.110	96	107711	55.227	ug/l	98
13) Acrolein	3.981	56	158035	431.544	ug/l	97
14) Allyl chloride	4.763	41	229294	55.807	ug/l #	91
15) Acrylonitrile	5.475	53	511757	343.120	ug/l	99
16) Acetone	4.222	43	453858	338.067	ug/l	96
17) Carbon Disulfide	4.457	76	286105	56.574	ug/l	99
18) Methyl Acetate	4.775	43	243929	64.837	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	397729	55.953	ug/l	99
20) Methylene Chloride	5.016	84	133034	56.386	ug/l #	84
21) trans-1,2-Dichloroethene	5.510	96	114217	56.047	ug/l	94
22) Diisopropyl ether	6.410	45	475997	62.086	ug/l #	91
23) Vinyl Acetate	6.351	43	2120594	308.931	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	237058	59.750	ug/l	98
25) 2-Butanone	7.257	43	742239	347.259	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	121199	33.029	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	138341	56.057	ug/l	99
28) Bromochloromethane	7.580	49	102103	61.448	ug/l #	79
29) Tetrahydrofuran	7.610	42	515838	352.459	ug/l #	83
30) Chloroform	7.745	83	233196	58.357	ug/l	100
31) Cyclohexane	8.028	56	208640	53.265	ug/l	88
32) 1,1,1-Trichloroethane	7.945	97	197623	55.494	ug/l	99
36) 1,1-Dichloropropene	8.151	75	166157	58.155	ug/l	98
37) Ethyl Acetate	7.339	43	288084	66.731	ug/l #	93
38) Carbon Tetrachloride	8.133	117	161164	54.546	ug/l	96
39) Methylcyclohexane	9.398	83	197562	55.540	ug/l	96
40) Benzene	8.392	78	527801	59.857	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.575	41	138619	66.207	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	189789	59.377	ug/l	98
43) Isopropyl Acetate	8.492	43	395797	63.793	ug/l #	92
44) Trichloroethene	9.151	130	122865	54.755	ug/l	86
45) 1,2-Dichloropropane	9.427	63	141966	63.168	ug/l	98
46) Dibromomethane	9.516	93	92468	60.595	ug/l	91
47) Bromodichloromethane	9.698	83	181462	61.397	ug/l	98
48) Methyl methacrylate	9.498	41	185824	64.686	ug/l	87
49) 1,4-Dioxane	9.504	88	74370	1363.707	ug/l #	90
51) 4-Methyl-2-Pentanone	10.274	43	1421497	361.285	ug/l	89
52) Toluene	10.445	92	317081	58.187	ug/l	96
53) t-1,3-Dichloropropene	10.663	75	177411	54.527	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	195224	55.578	ug/l #	90
55) 1,1,2-Trichloroethane	10.839	97	131993	58.837	ug/l	95
56) Ethyl methacrylate	10.704	69	221743	61.153	ug/l #	83
57) 1,3-Dichloropropane	10.986	76	233503	60.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	482686	298.481	ug/l	92
59) 2-Hexanone	11.027	43	1094915	365.069	ug/l	88
60) Dibromochloromethane	11.180	129	134718	62.985	ug/l	98
61) 1,2-Dibromoethane	11.286	107	134709	60.117	ug/l	99
64) Tetrachloroethene	10.916	164	117931	54.971	ug/l	96
65) Chlorobenzene	11.710	112	330362	55.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	121608	55.642	ug/l	98
67) Ethyl Benzene	11.786	91	611389	56.677	ug/l	99
68) m/p-Xylenes	11.892	106	463163	113.769	ug/l	97
69) o-Xylene	12.221	106	229966	55.333	ug/l	98
70) Styrene	12.233	104	380290	59.267	ug/l	100
71) Bromoform	12.398	173	100760	63.007	ug/l #	99
73) Isopropylbenzene	12.521	105	596046	51.185	ug/l	98
74) N-amyl acetate	12.327	43	317083	54.380	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.768	83	218013	56.418	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	198494m	56.293	ug/l	
77) Bromobenzene	12.798	156	137958	50.955	ug/l	89
78) n-propylbenzene	12.863	91	701400	54.218	ug/l	96
79) 2-Chlorotoluene	12.951	91	411612	50.272	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	495449	52.199	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	59937	46.617	ug/l	92
82) 4-Chlorotoluene	13.045	91	397087	50.095	ug/l	98
83) tert-Butylbenzene	13.262	119	441276	51.858	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	489854	51.692	ug/l	99
85) sec-Butylbenzene	13.439	105	617904	54.077	ug/l	97
86) p-Isopropyltoluene	13.557	119	495986	53.735	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	249422	51.352	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	245126	50.369	ug/l	99
89) n-Butylbenzene	13.880	91	403711	52.488	ug/l	98
90) Hexachloroethane	14.151	117	89961	52.297	ug/l	93
91) 1,2-Dichlorobenzene	13.927	146	258470	52.239	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	50660	53.938	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	131774	51.149	ug/l	99
94) Hexachlorobutadiene	15.298	225	61398	53.611	ug/l	99
95) Naphthalene	15.433	128	490479	47.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	136225	51.259	ug/l	100

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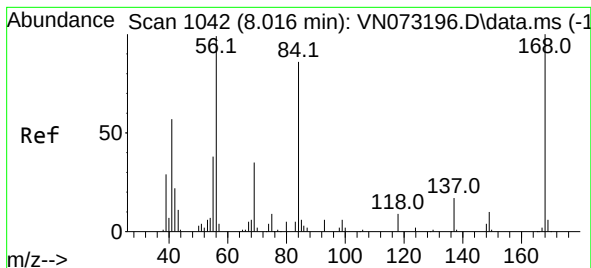
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

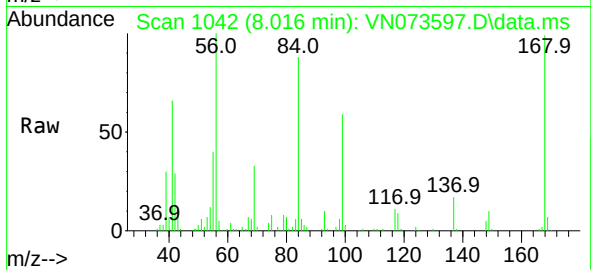
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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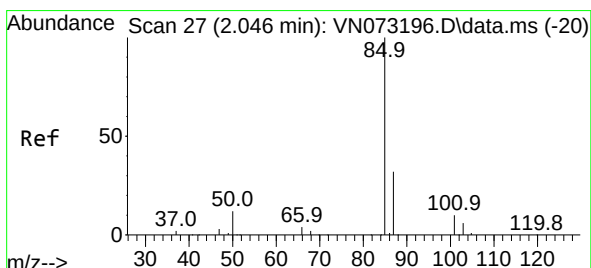
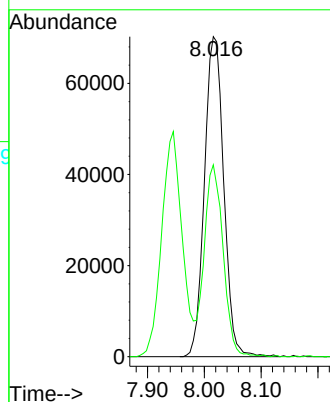
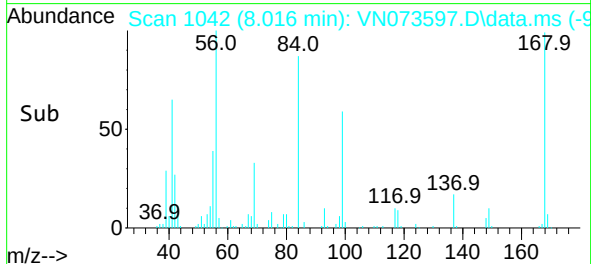
Instrument :
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VSTDCCC050EC



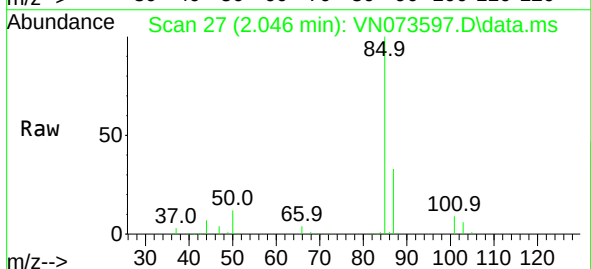
Tgt Ion:168 Resp: 165670
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5

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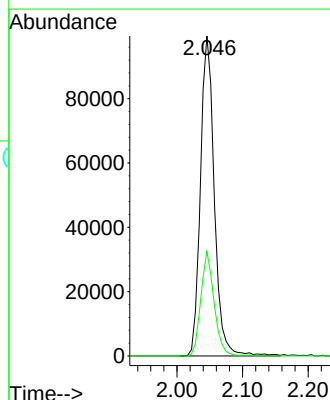
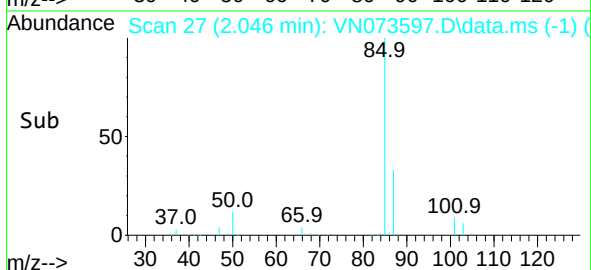
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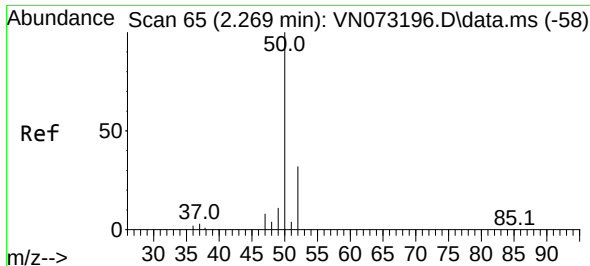


#2
Dichlorodifluoromethane
Concen: 60.578 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



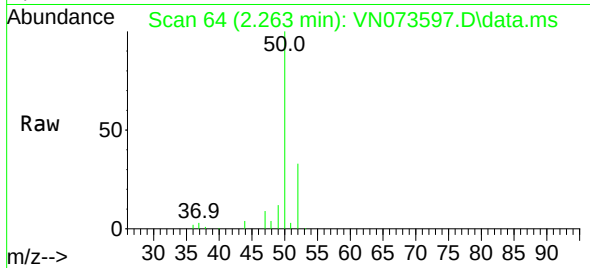
Tgt Ion: 85 Resp: 146732
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1





#3
Chloromethane
Concen: 56.784 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

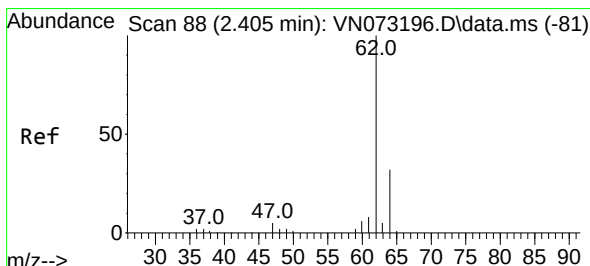
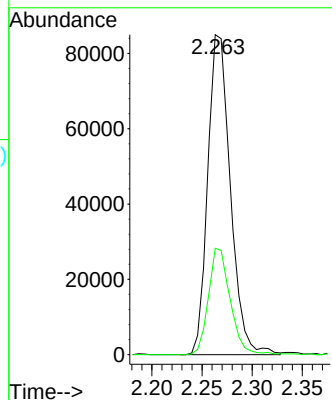
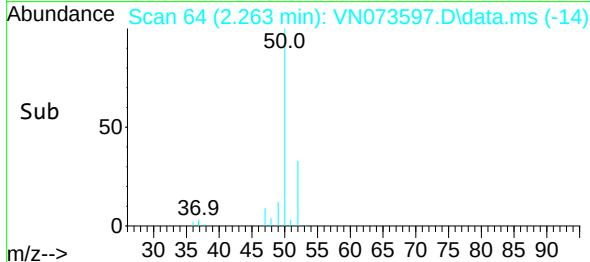
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Tgt Ion: 50 Resp: 13353
Ion Ratio Lower Upper
50 100
52 33.3 25.7 38.5

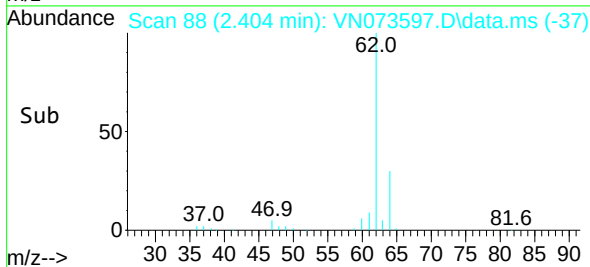
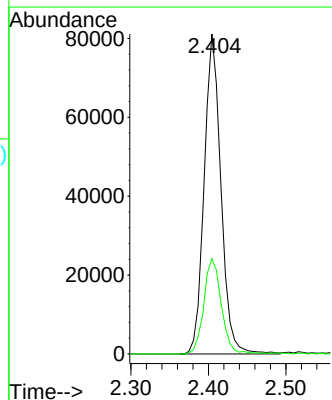
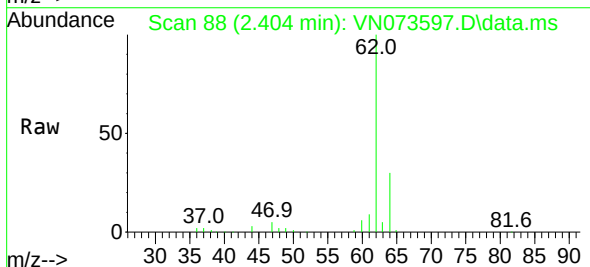
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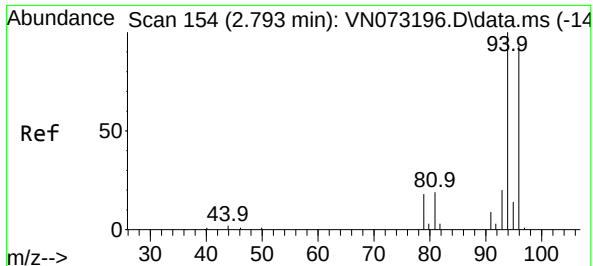
Reviewed By :John Carlone 07/26/2022
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#4
Vinyl Chloride
Concen: 61.015 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073597.D
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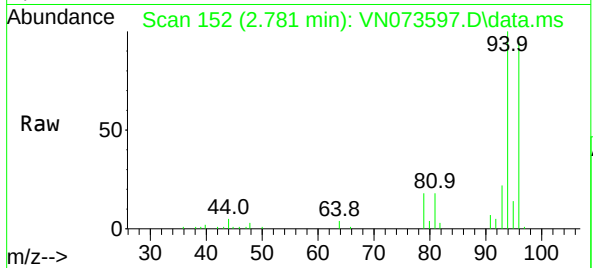
Tgt Ion: 62 Resp: 121912
Ion Ratio Lower Upper
62 100
64 29.7 25.0 37.4





#5
Bromomethane
Concen: 54.732 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

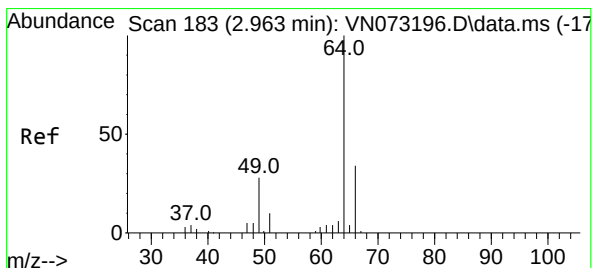
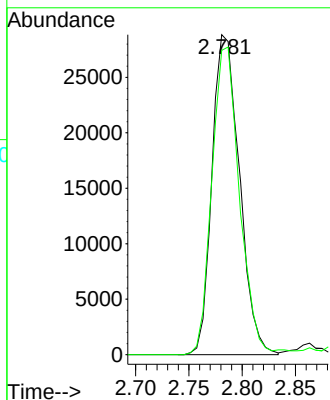
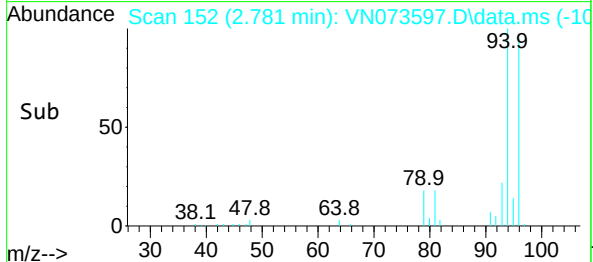
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Tgt Ion: 94 Resp: 51652
Ion Ratio Lower Upper
94 100
96 95.1 76.0 114.0

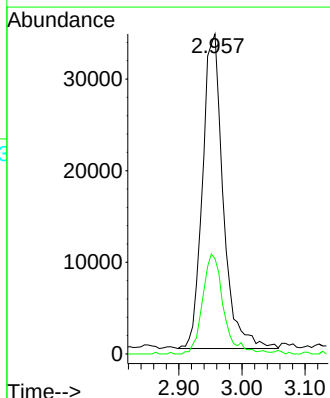
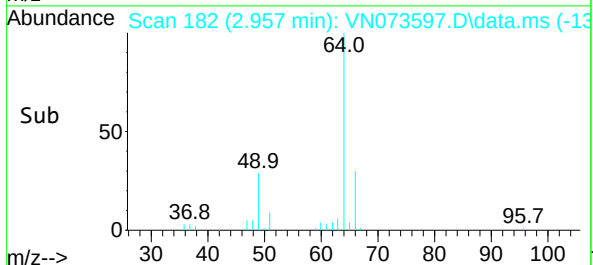
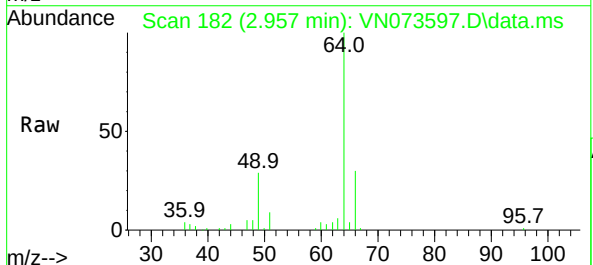
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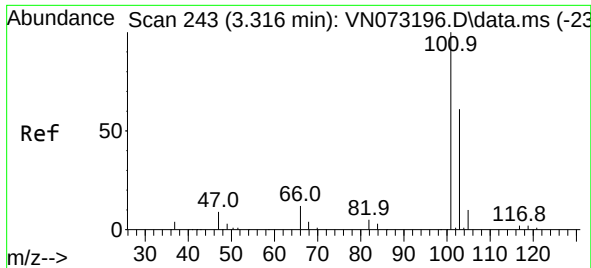
Reviewed By :John Carlone 07/26/2022
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#6
Chloroethane
Concen: 66.439 ug/l
RT: 2.957 min Scan# 182
Delta R.T. -0.006 min
Lab File: VN073597.D
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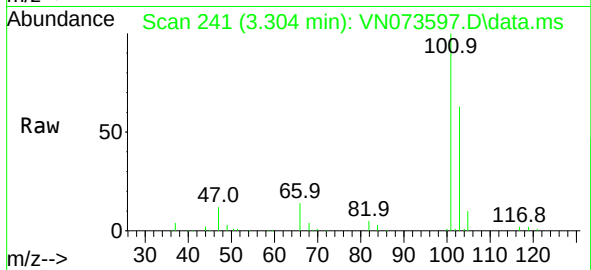
Tgt Ion: 64 Resp: 78091
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 49.466 ug/l
RT: 3.304 min Scan# 243
Delta R.T. -0.012 min
Lab File: VN073597.D
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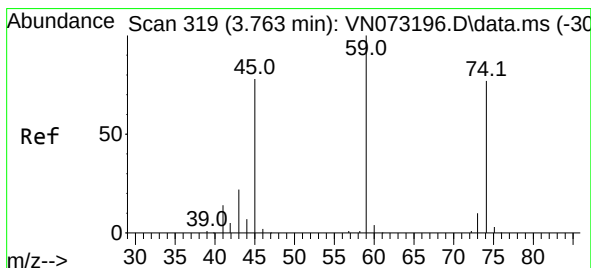
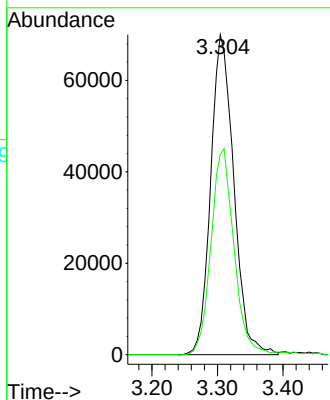
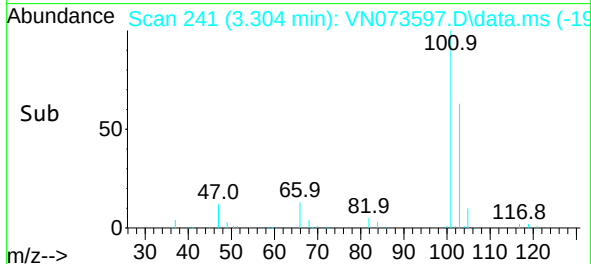
Instrument :
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Tgt Ion:101 Resp: 170874
Ion Ratio Lower Upper
101 100
103 62.6 51.5 77.3

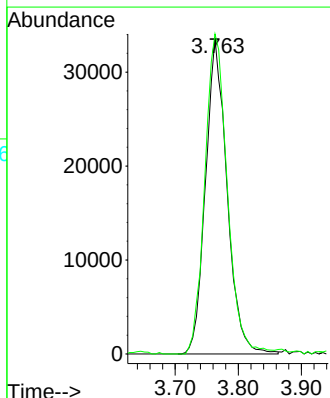
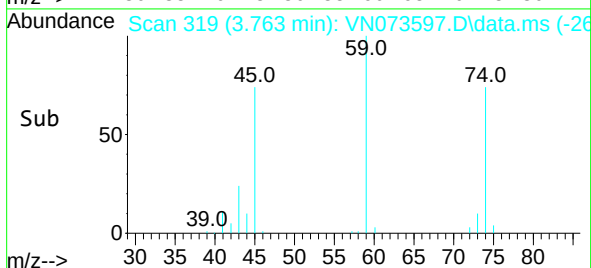
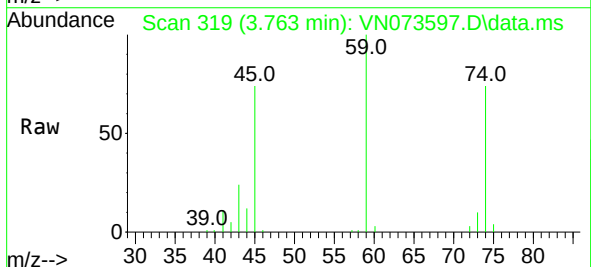
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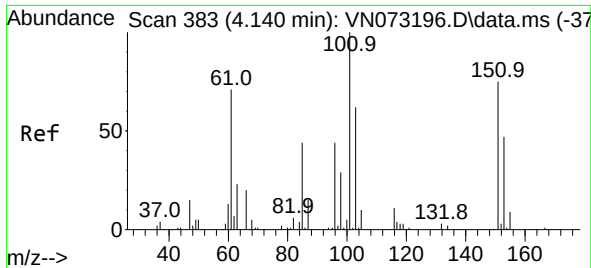
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#8
Diethyl Ether
Concen: 56.435 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 79358
Ion Ratio Lower Upper
74 100
45 106.3 42.9 128.5





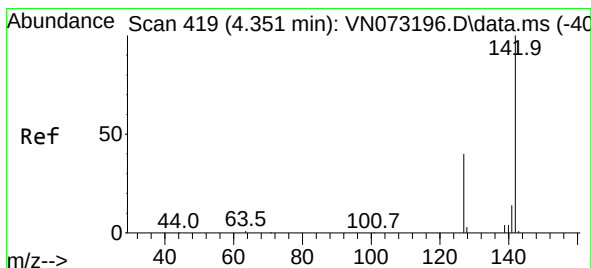
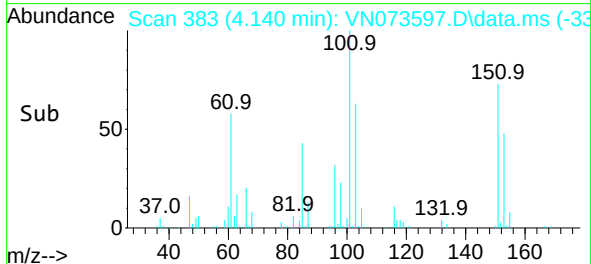
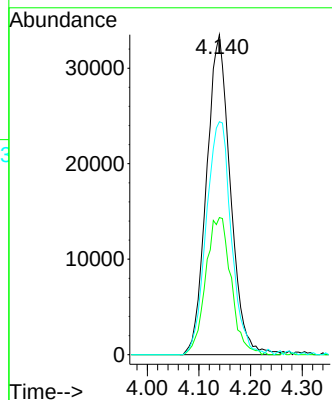
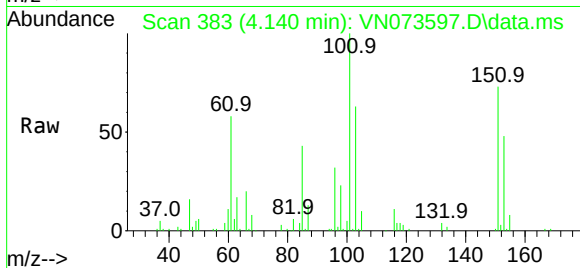
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.585 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10733
Ion Ratio Lower Upper
101 100
85 45.5 34.7 52.1
151 76.2 63.0 94.4

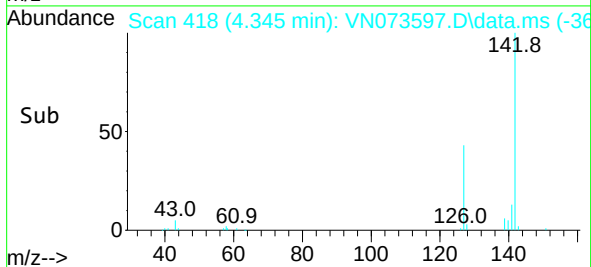
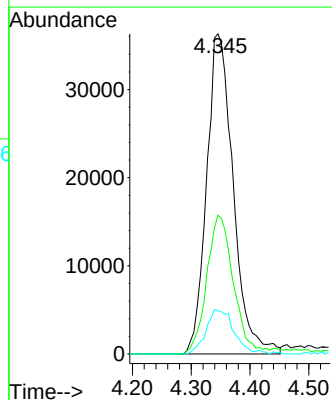
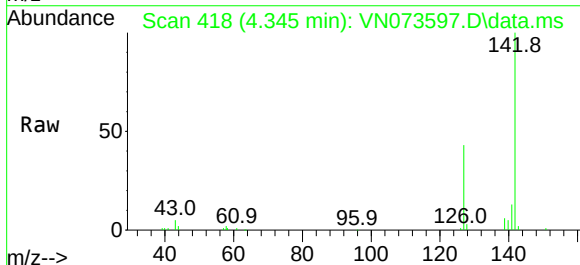
Manual Integrations
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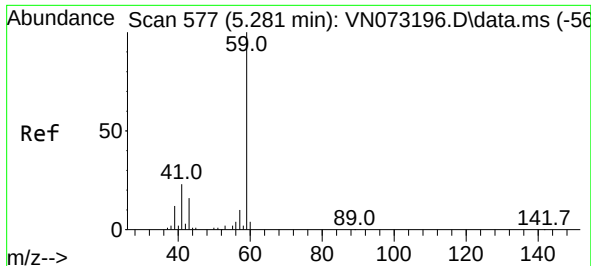
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#10
Methyl Iodide
Concen: 47.380 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

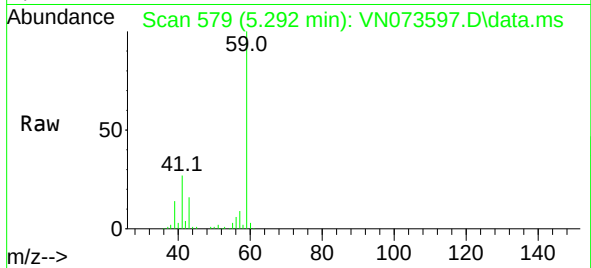
Tgt Ion:142 Resp: 114221
Ion Ratio Lower Upper
142 100
127 43.4 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 296.482 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

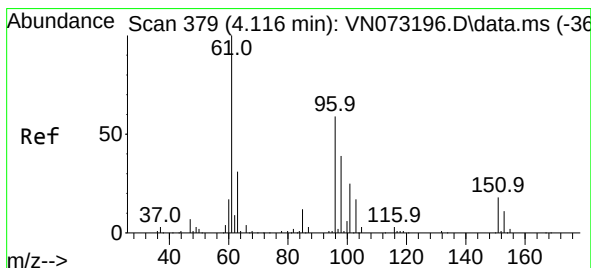
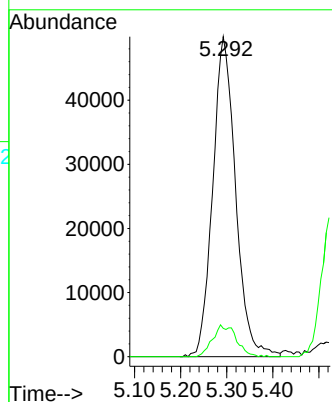
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 171776
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

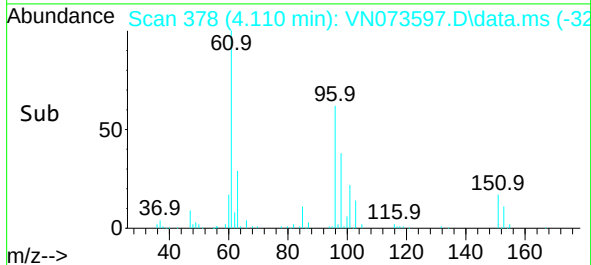
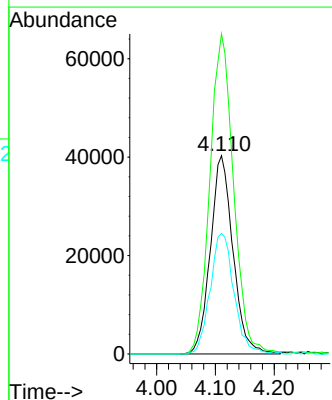
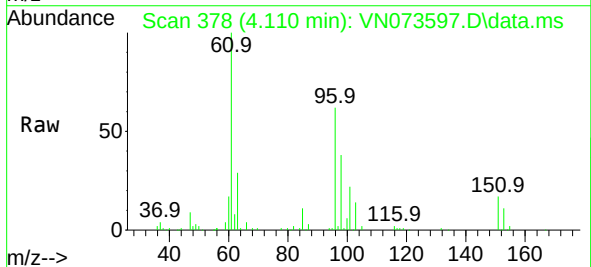
Manual Integrations
APPROVED

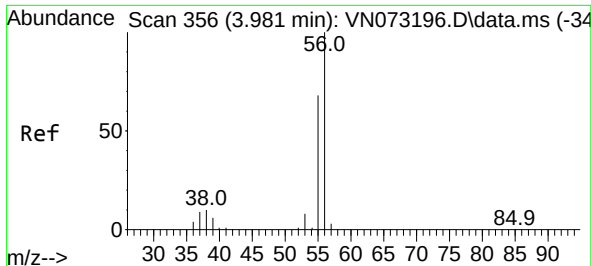
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#12
1,1-Dichloroethene
Concen: 55.227 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

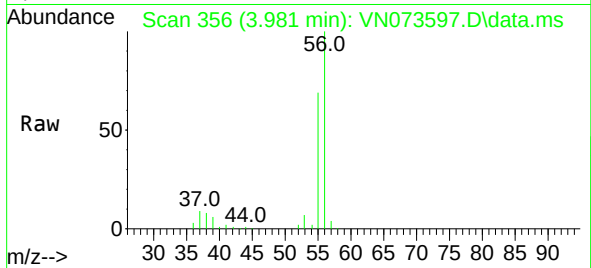
Tgt Ion: 96 Resp: 107711
Ion Ratio Lower Upper
96 100
61 161.4 127.6 191.4
98 60.9 51.2 76.8





#13
Acrolein
Concen: 431.544 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

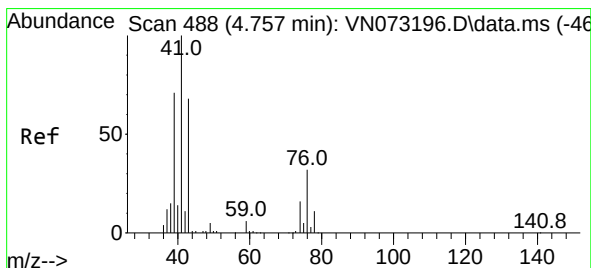
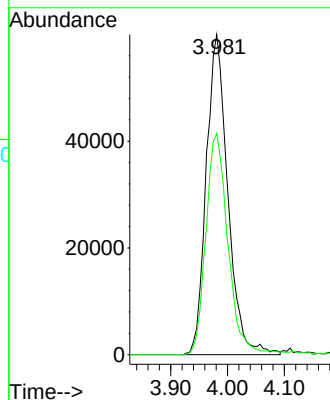
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 158035
Ion Ratio Lower Upper
56 100
55 70.8 54.8 82.2

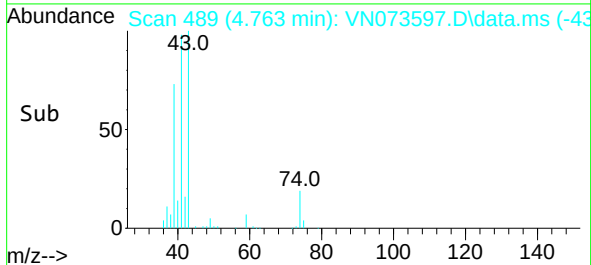
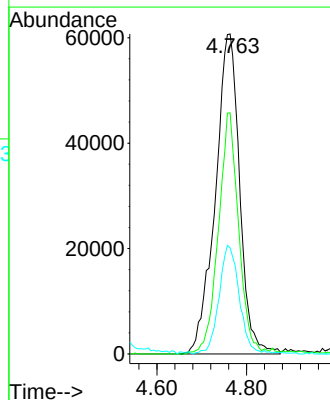
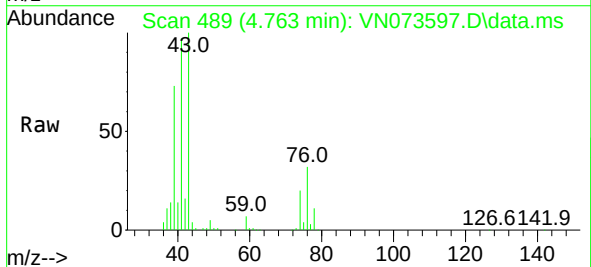
Manual Integrations
APPROVED

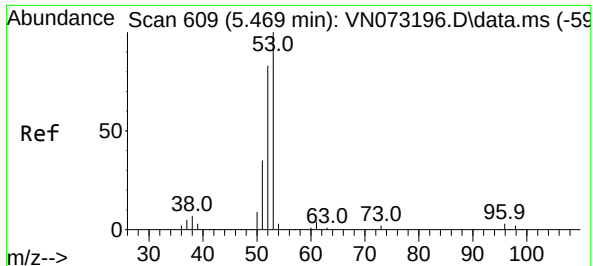
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#14
Allyl chloride
Concen: 55.807 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

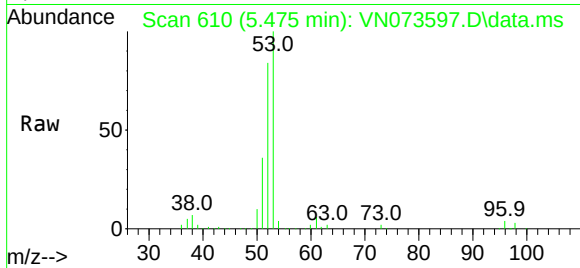
Tgt Ion: 41 Resp: 229294
Ion Ratio Lower Upper
41 100
39 62.7 53.2 79.8
76 28.0 29.9 44.9





#15
Acrylonitrile
Concen: 343.120 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

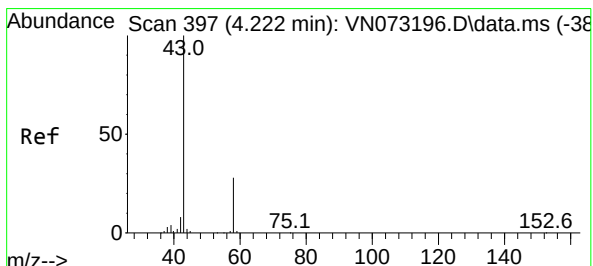
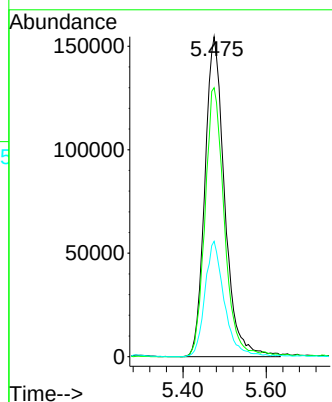
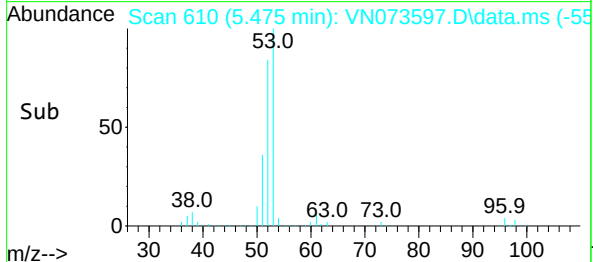
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 51175
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.4 28.5 42.7

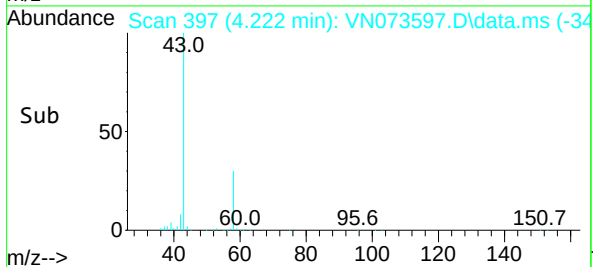
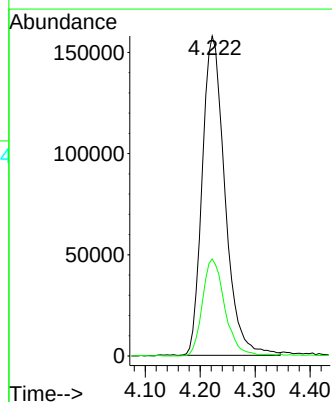
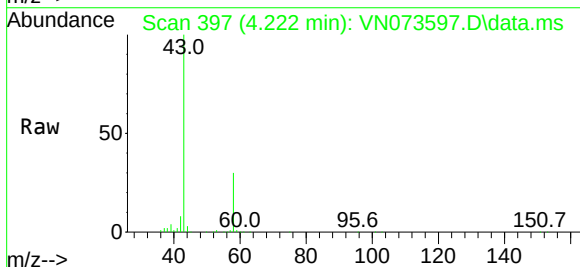
Manual Integrations
APPROVED

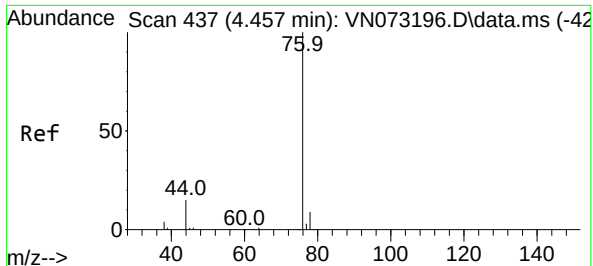
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#16
Acetone
Concen: 338.067 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

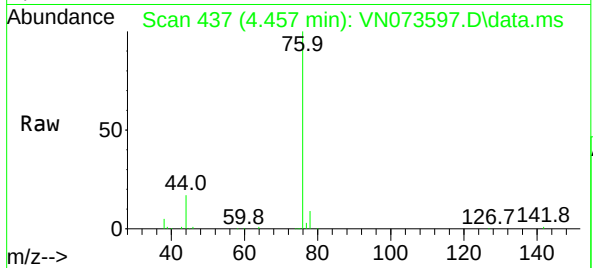
Tgt Ion: 43 Resp: 453858
Ion Ratio Lower Upper
43 100
58 30.3 26.0 39.0





#17
Carbon Disulfide
Concen: 56.574 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

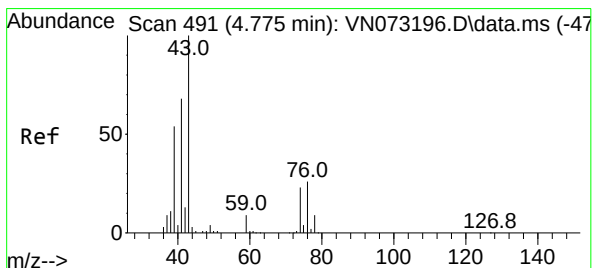
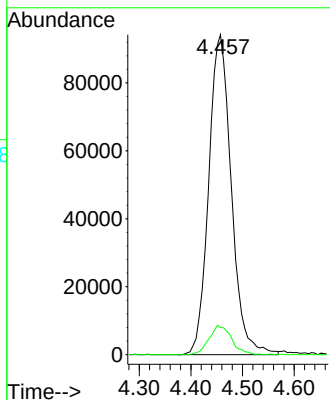
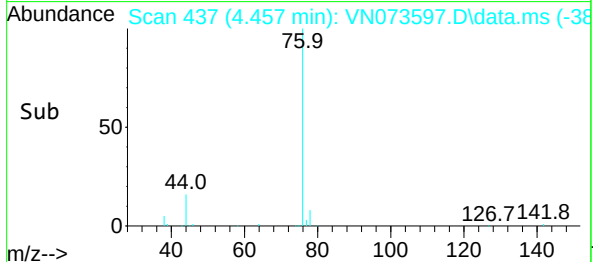
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 28610
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

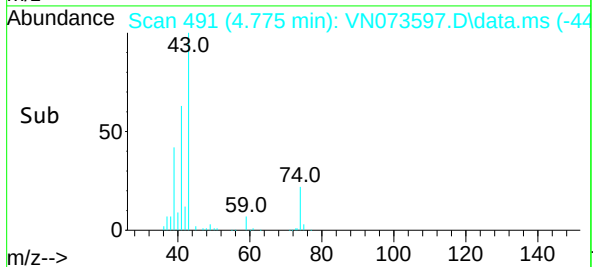
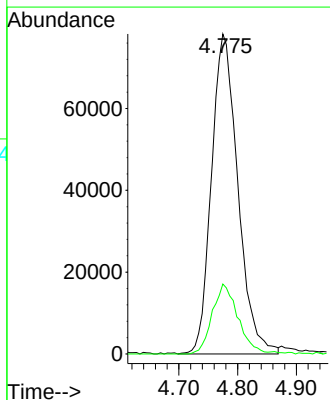
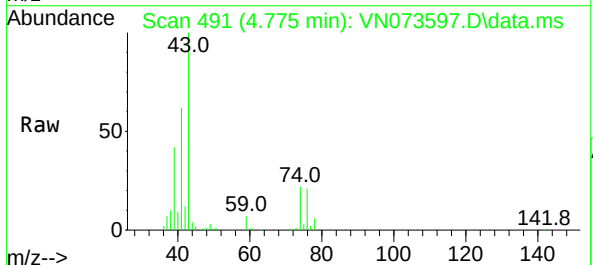
Manual Integrations
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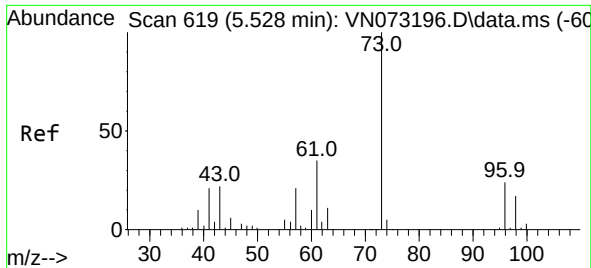
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#18
Methyl Acetate
Concen: 64.837 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Tgt Ion: 43 Resp: 243929
Ion Ratio Lower Upper
43 100
74 21.2 21.6 32.4#





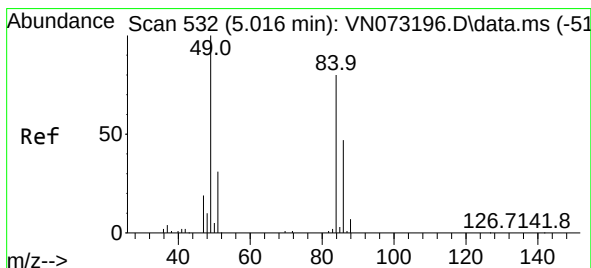
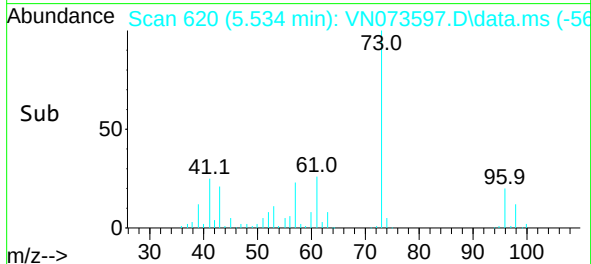
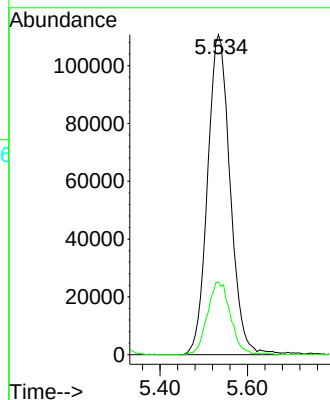
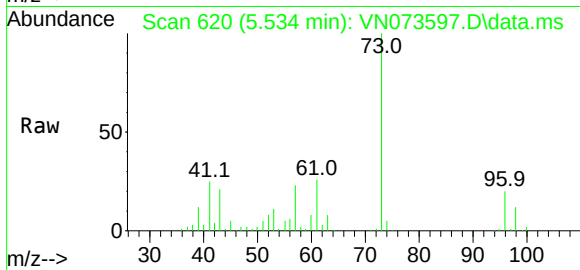
#19
Methyl tert-butyl Ether
Concen: 55.953 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 397729
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

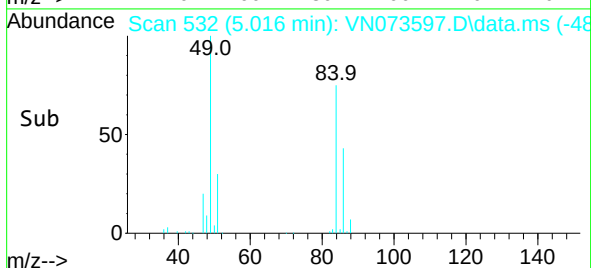
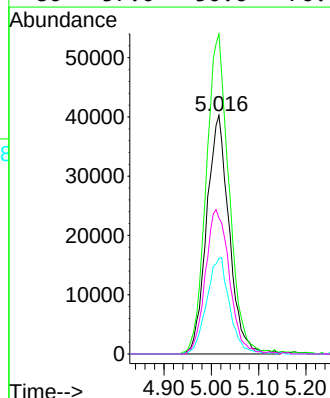
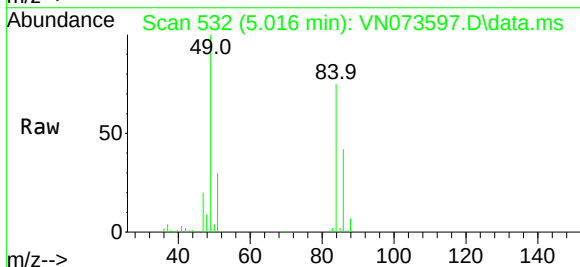
Manual Integrations
APPROVED

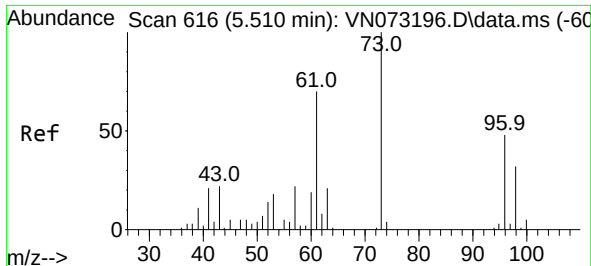
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#20
Methylene Chloride
Concen: 56.386 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

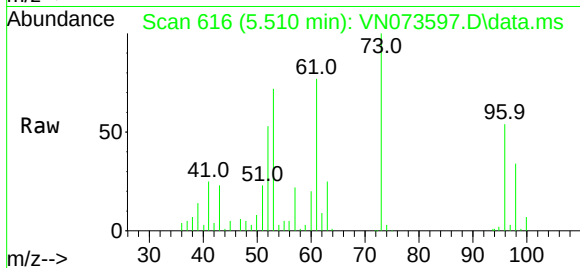
Tgt Ion: 84 Resp: 133034
Ion Ratio Lower Upper
84 100
49 134.2 88.3 132.5#
51 40.0 28.2 42.2
86 57.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 56.047 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

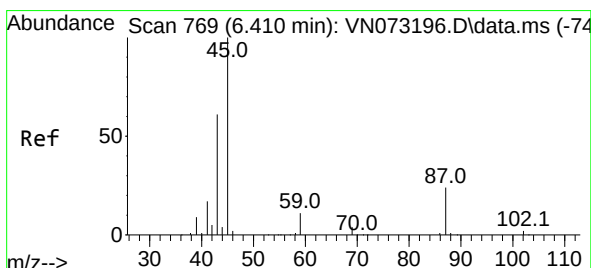
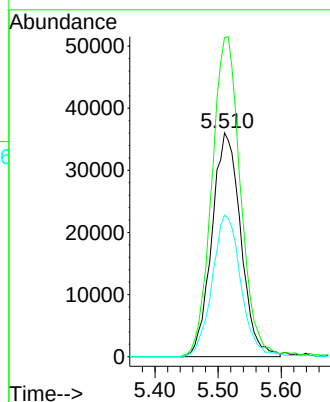
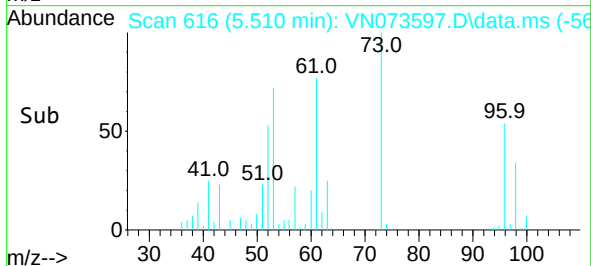
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 11421
Ion Ratio Lower Upper
96 100
61 142.5 105.8 158.8
98 63.2 50.3 75.5

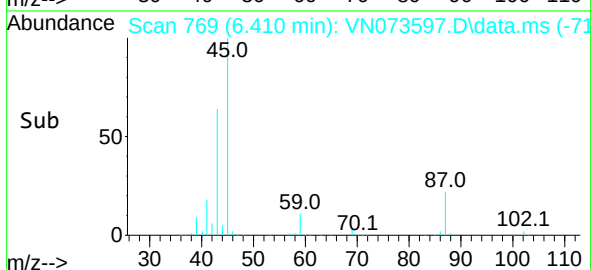
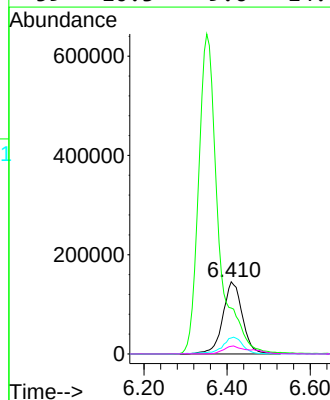
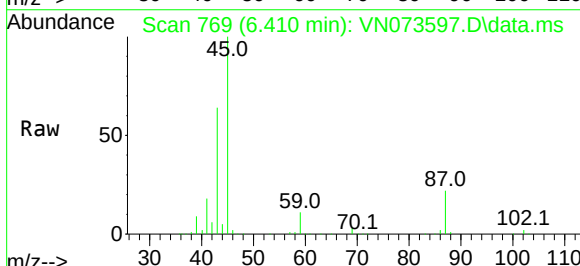
Manual Integrations
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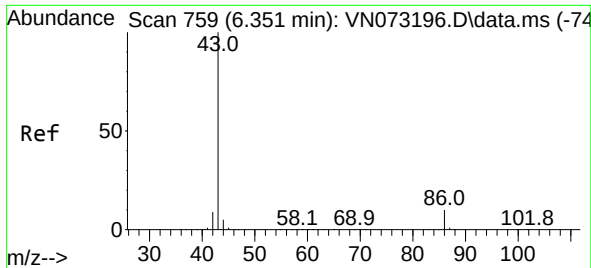
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#22
Diisopropyl ether
Concen: 62.086 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

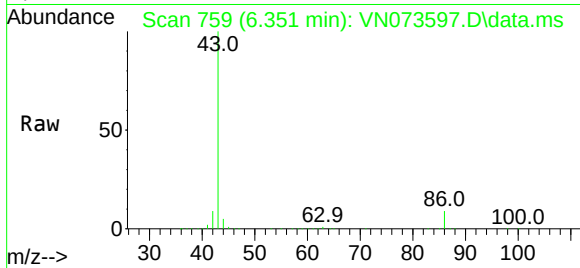
Tgt Ion: 45 Resp: 475997
Ion Ratio Lower Upper
45 100
43 63.1 46.6 70.0
87 21.8 24.3 36.5#
59 10.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 308.931 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073597.D
 Acq: 25 Jul 2022 22:33

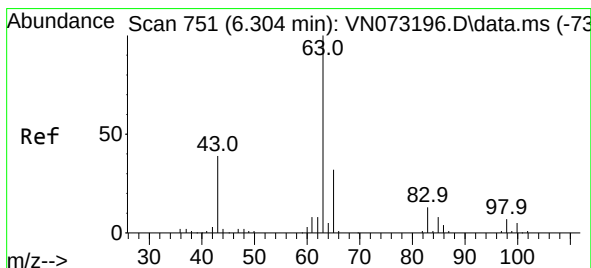
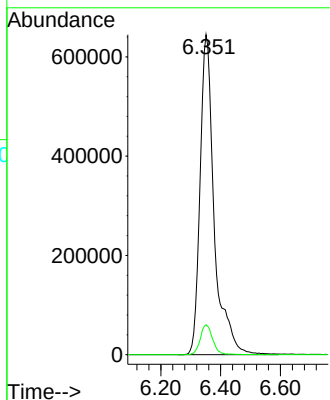
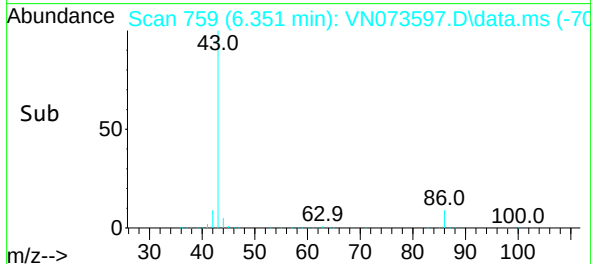
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



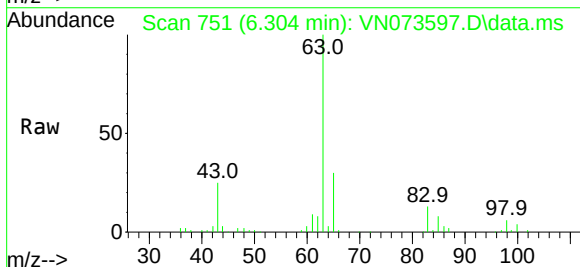
Tgt Ion: 43 Resp: 2120594
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.0 15.0

Manual Integrations
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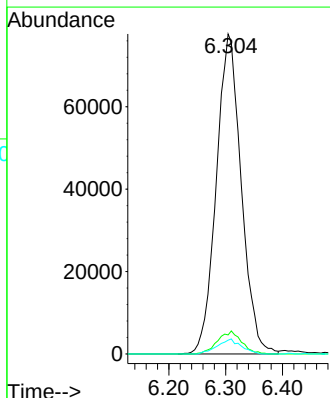
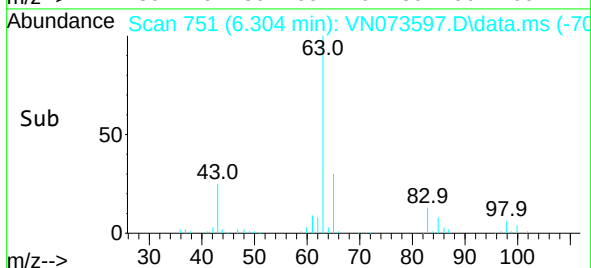
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

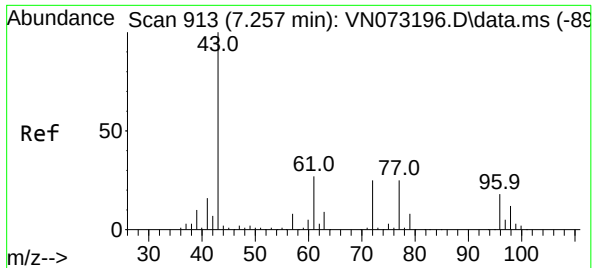


#24
 1,1-Dichloroethane
 Concen: 59.750 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073597.D
 Acq: 25 Jul 2022 22:33



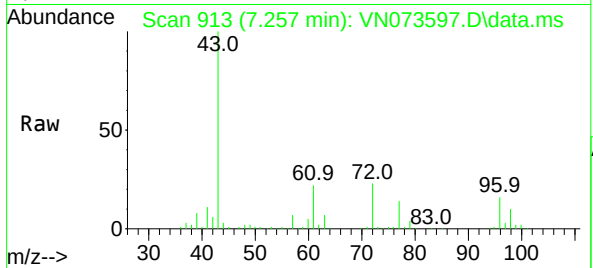
Tgt Ion: 63 Resp: 237058
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.4
 100 4.3 2.3 6.8





#25
2-Butanone
Concen: 347.259 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

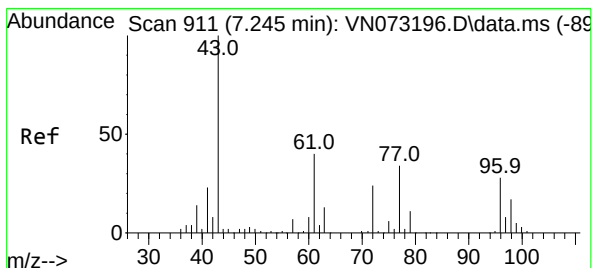
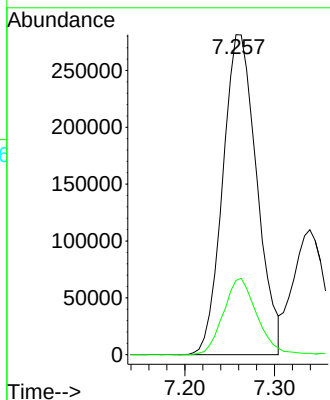
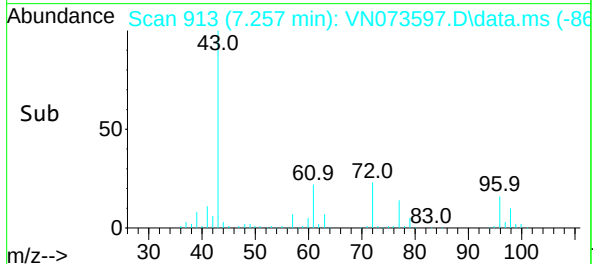
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



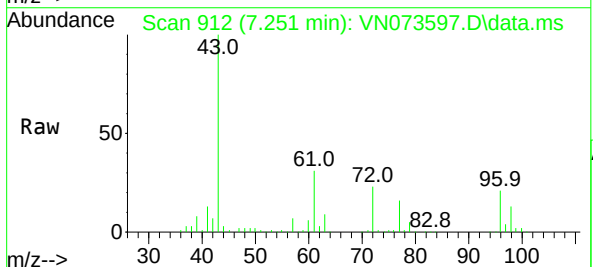
Tgt Ion: 43 Resp: 742239
Ion Ratio Lower Upper
43 100
72 23.2 23.7 35.5

Manual Integrations
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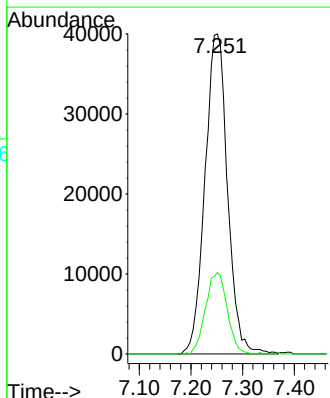
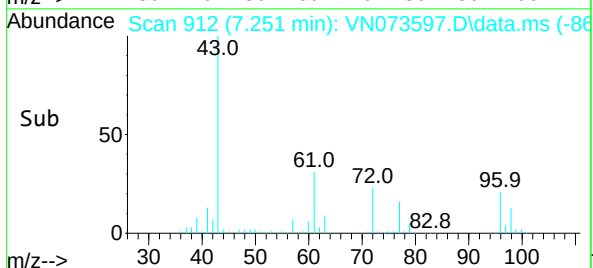
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

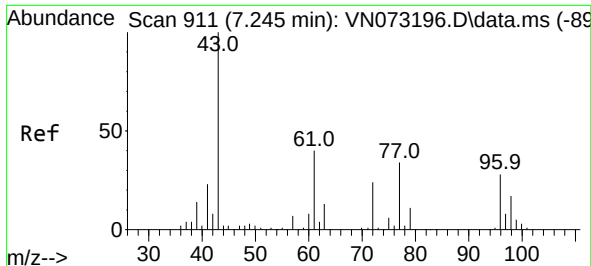


#26
2,2-Dichloropropane
Concen: 33.029 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



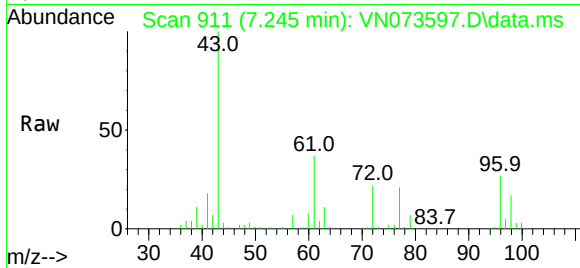
Tgt Ion: 77 Resp: 121199
Ion Ratio Lower Upper
77 100
97 24.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 56.057 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073597.D
 Acq: 25 Jul 2022 22:33

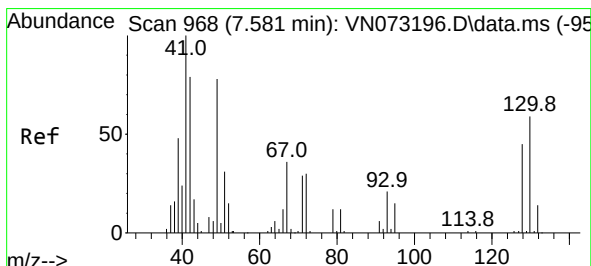
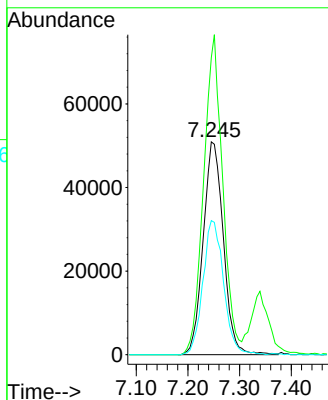
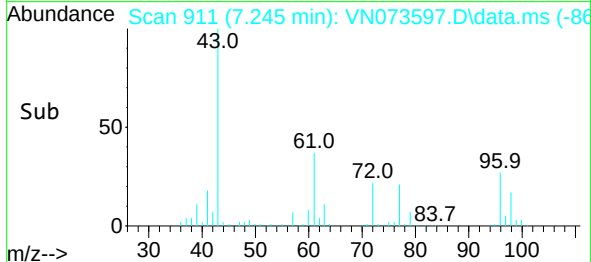
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



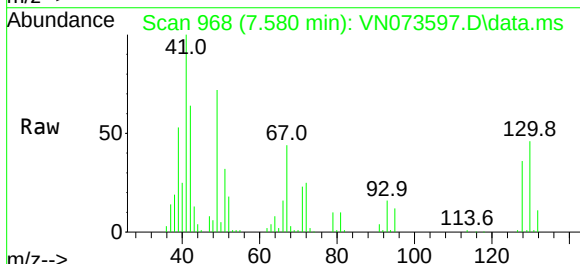
Tgt Ion: 96 Resp: 13834
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 280.6
 98 64.4 0.0 128.4

Manual Integrations
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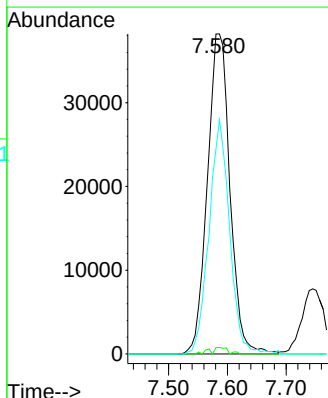
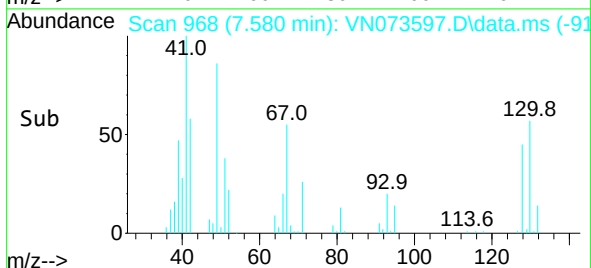
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

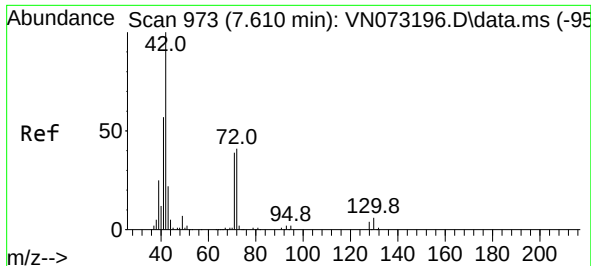


#28
 Bromochloromethane
 Concen: 61.448 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.001 min
 Lab File: VN073597.D
 Acq: 25 Jul 2022 22:33



Tgt Ion: 49 Resp: 102103
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 66.9 69.7 104.5#





#29

Tetrahydrofuran

Concen: 352.459 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 51583

Ion Ratio Lower Upper

42 100

72 37.8 39.7 59.5

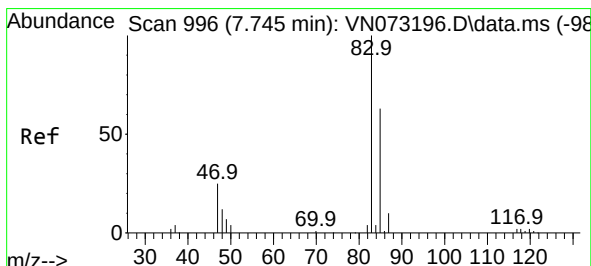
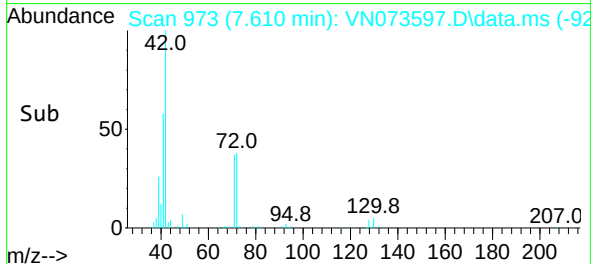
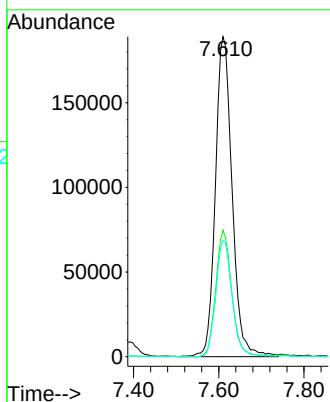
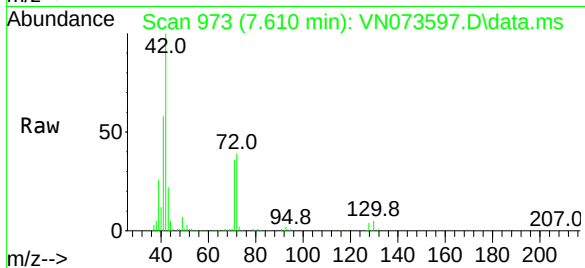
71 35.3 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#30

Chloroform

Concen: 58.357 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073597.D

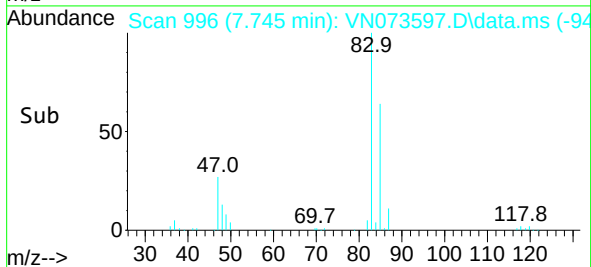
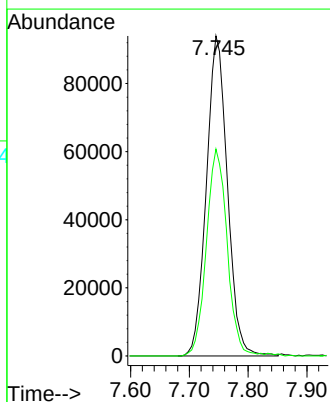
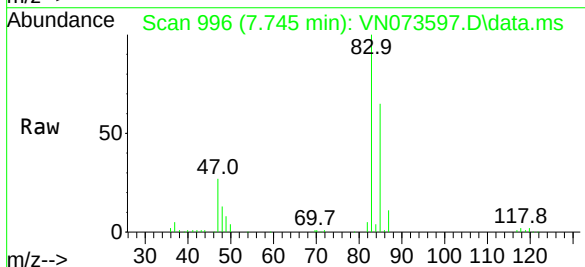
Acq: 25 Jul 2022 22:33

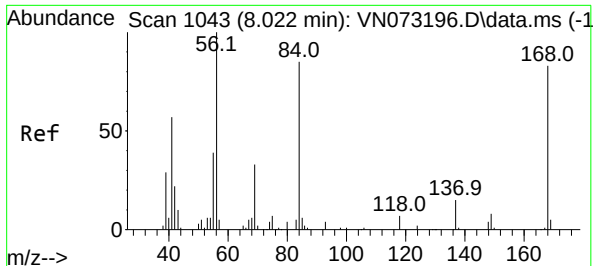
Tgt Ion: 83 Resp: 233196

Ion Ratio Lower Upper

83 100

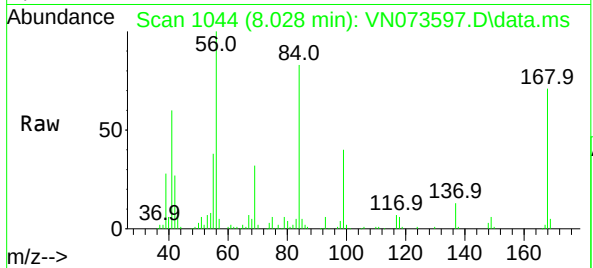
85 64.6 51.8 77.8





#31
Cyclohexane
Concen: 53.265 ug/l
RT: 8.028 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

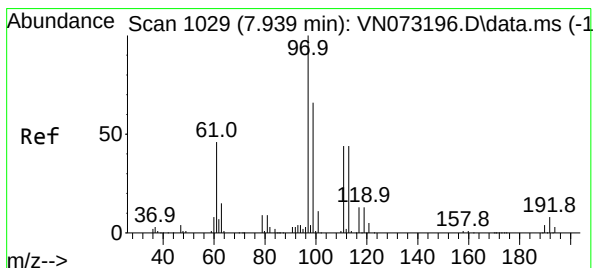
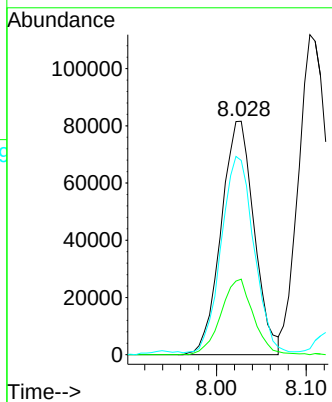
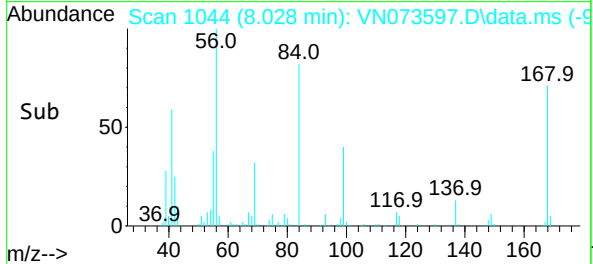
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



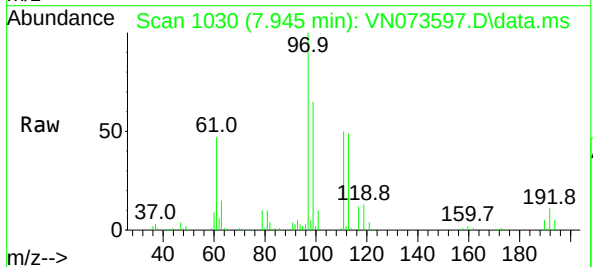
Tgt Ion: 56 Resp: 208640
Ion Ratio Lower Upper
56 100
69 32.3 27.8 41.8
84 81.9 76.9 115.3

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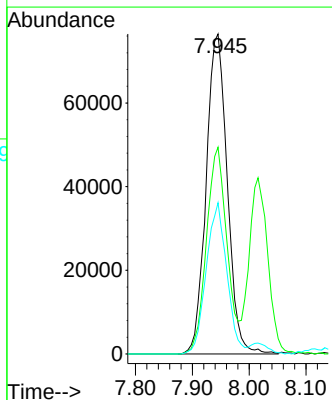
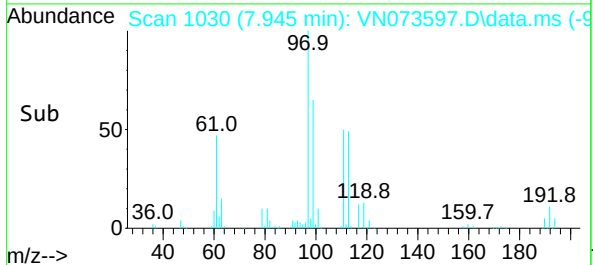
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

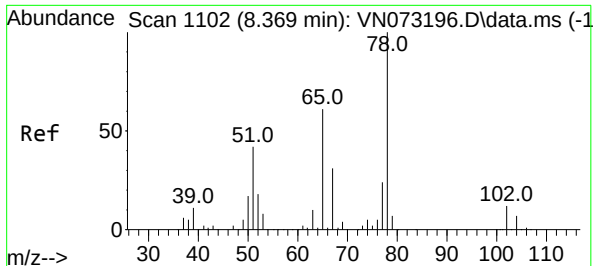


#32
1,1,1-Trichloroethane
Concen: 55.494 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion: 97 Resp: 197623
Ion Ratio Lower Upper
97 100
99 62.3 50.6 76.0
61 45.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 51.818 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 12393

Ion Ratio Lower Upper

65 100

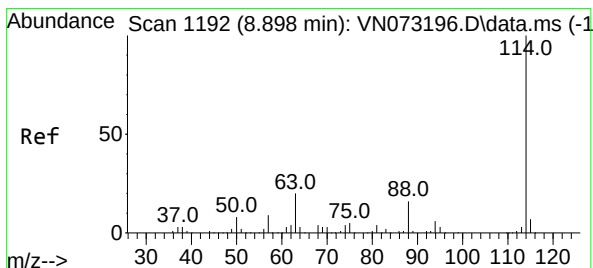
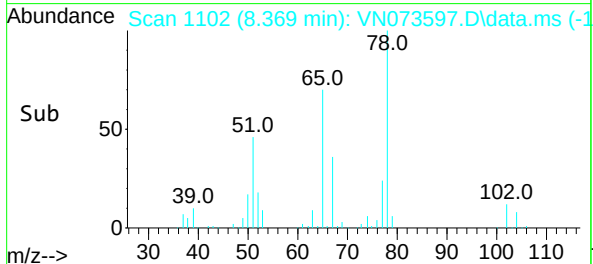
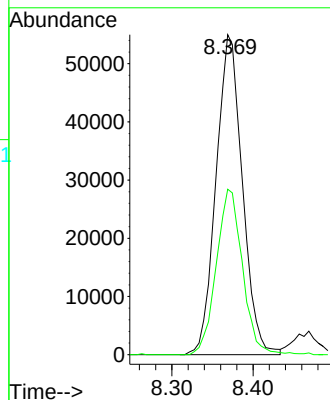
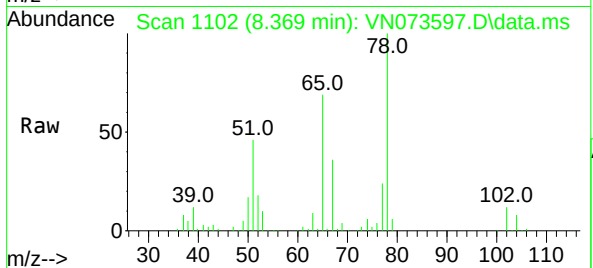
67 51.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

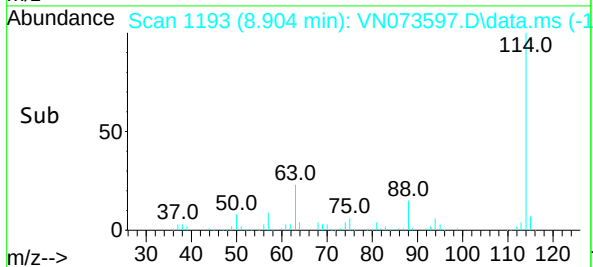
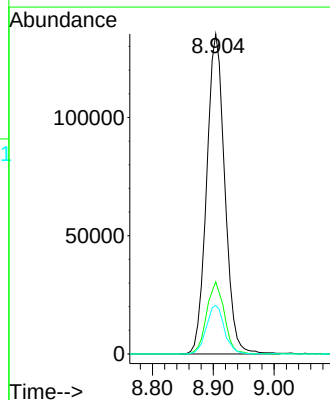
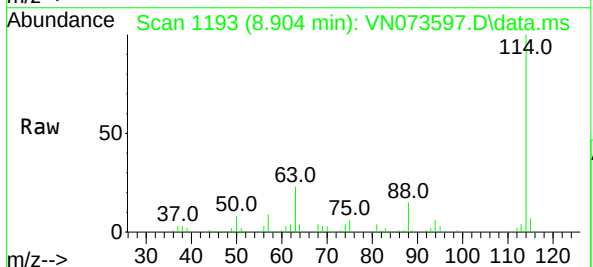
Tgt Ion:114 Resp: 279096

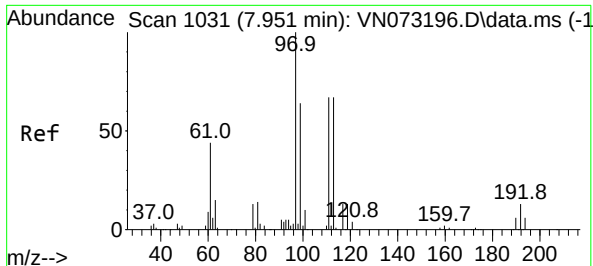
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 54.107 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 100470

Ion Ratio Lower Upper

113 100

111 105.1 81.4 122.0

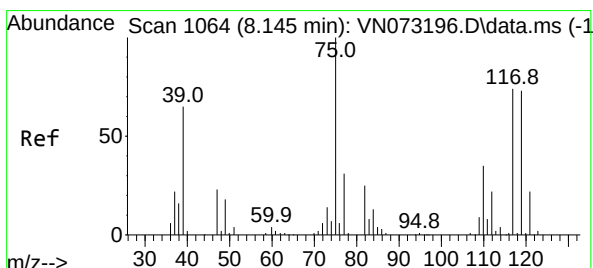
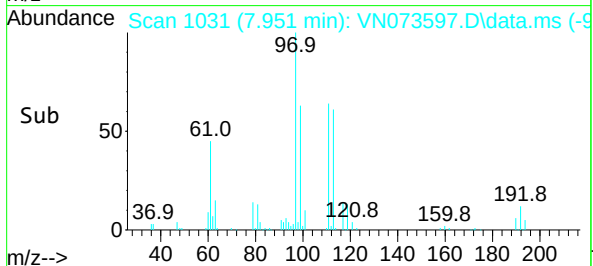
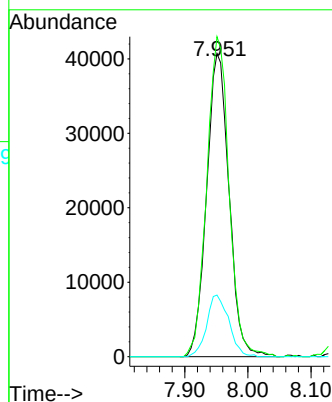
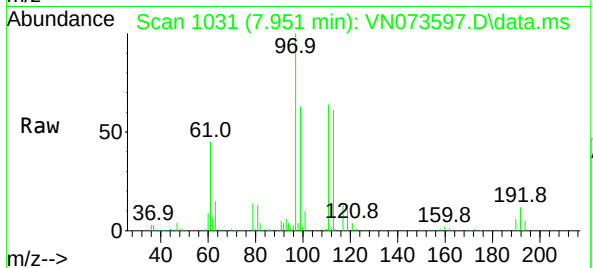
192 20.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#36

1,1-Dichloropropene

Concen: 58.155 ug/l

RT: 8.151 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

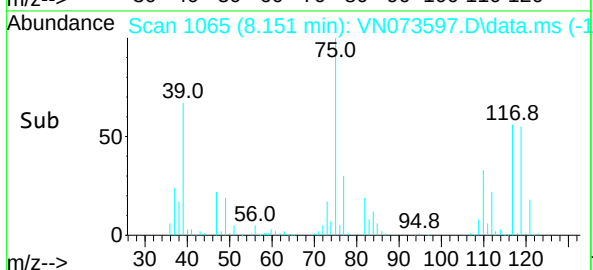
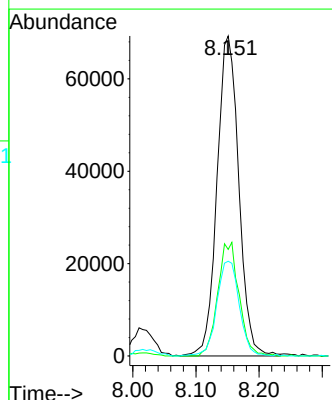
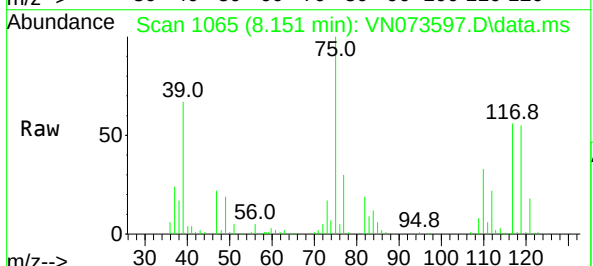
Tgt Ion: 75 Resp: 166157

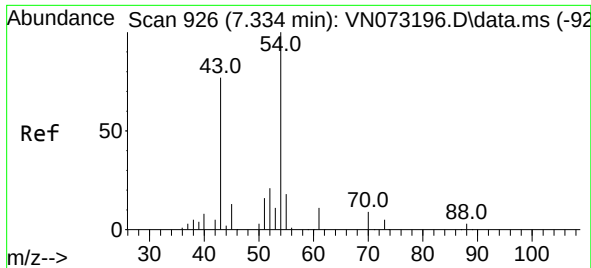
Ion Ratio Lower Upper

75 100

110 34.7 18.3 54.8

77 30.5 25.1 37.7





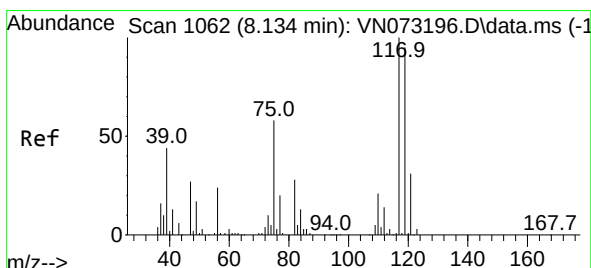
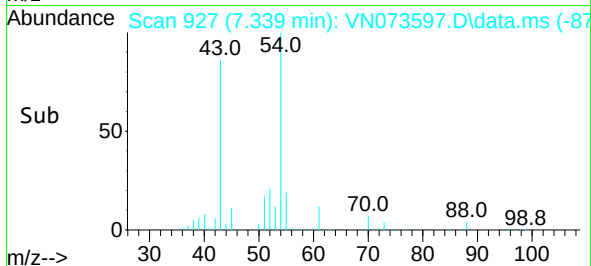
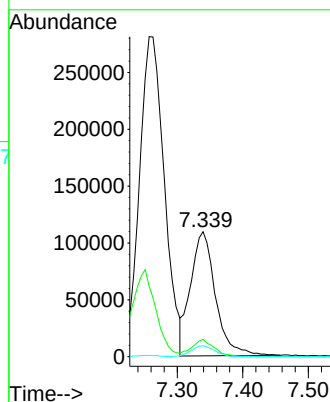
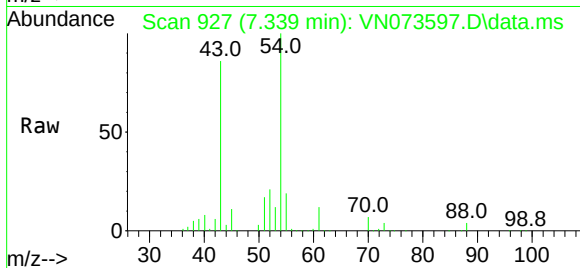
#37
Ethyl Acetate
Concen: 66.731 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 288084
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 8.5 9.3 13.9

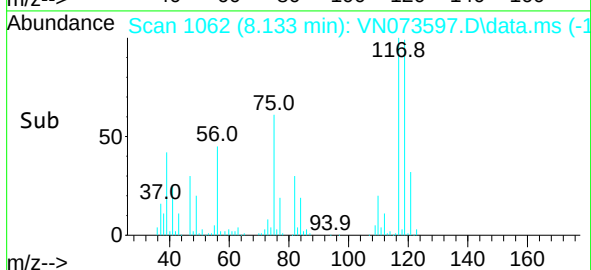
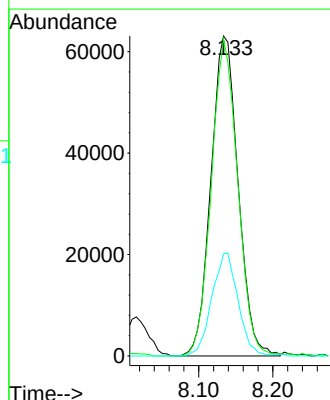
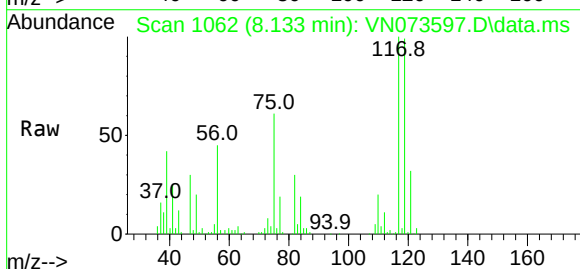
Manual Integrations
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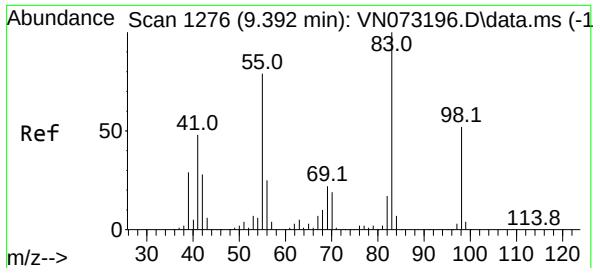
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#38
Carbon Tetrachloride
Concen: 54.546 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.001 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Tgt Ion:117 Resp: 161164
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.8
121 31.9 24.6 37.0





#39

Methylcyclohexane

Concen: 55.540 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 197562

Ion Ratio Lower Upper

83 100

55 78.1 57.8 86.8

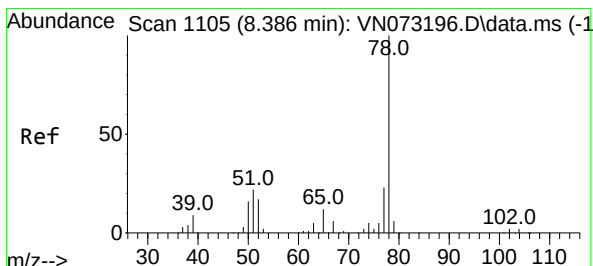
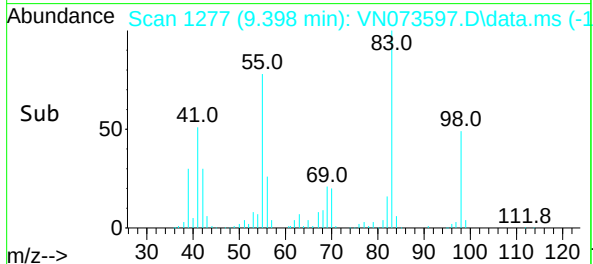
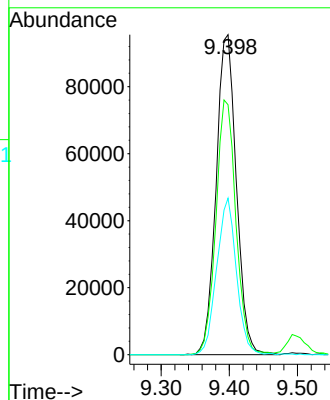
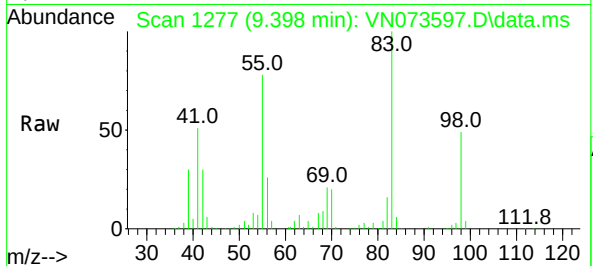
98 48.9 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#40

Benzene

Concen: 59.857 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073597.D

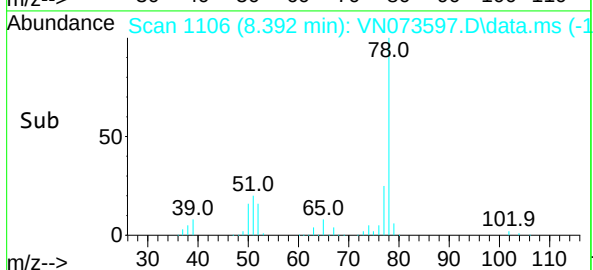
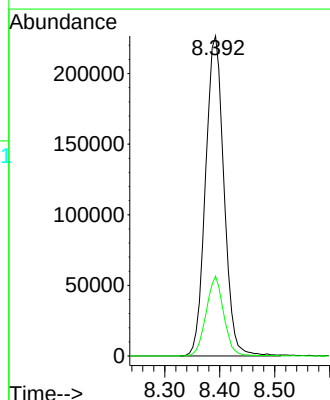
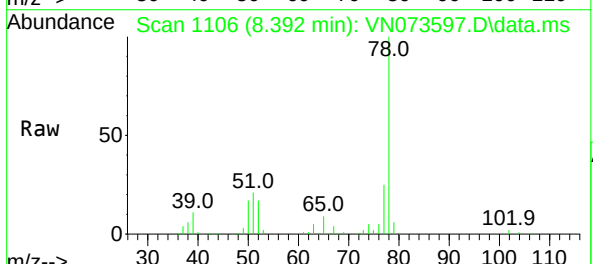
Acq: 25 Jul 2022 22:33

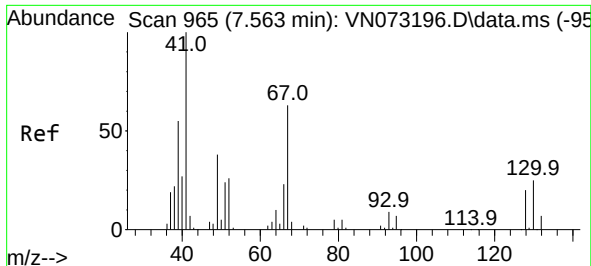
Tgt Ion: 78 Resp: 527801

Ion Ratio Lower Upper

78 100

77 24.9 19.4 29.0





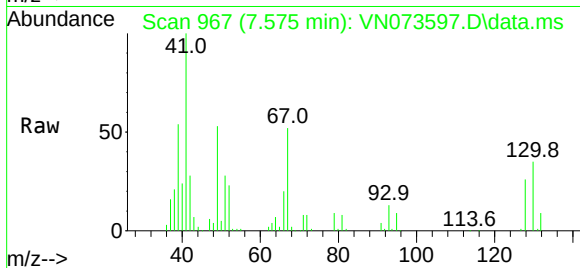
#41
Methacrylonitrile
Concen: 66.207 ug/l
RT: 7.575 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



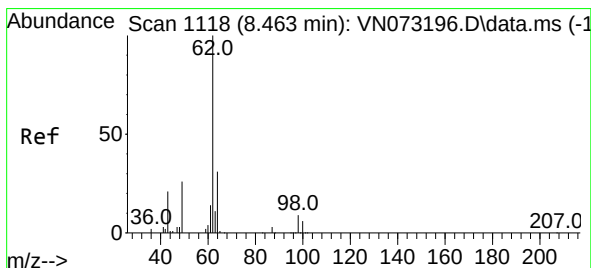
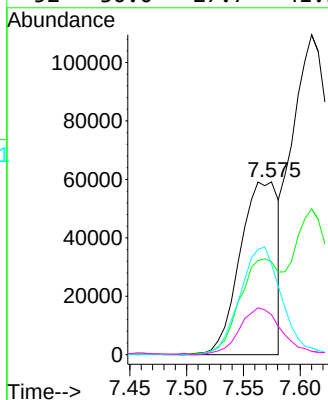
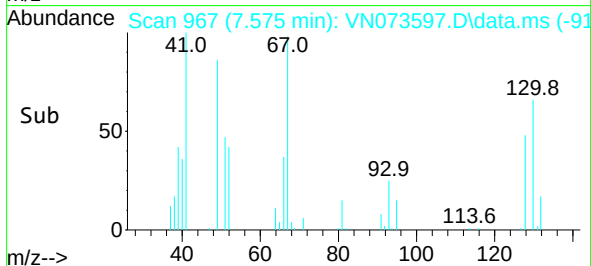
Tgt Ion: 41 Resp: 138619
Ion Ratio Lower Upper
41 100
39 54.4 48.6 73.0
67 68.3 73.4 110.2
52 30.0 27.7 41.5

Manual Integrations

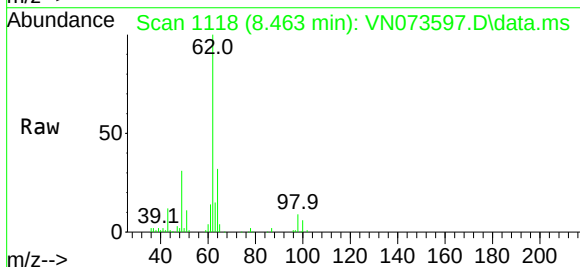
APPROVED

Reviewed By :John Carlone 07/26/2022

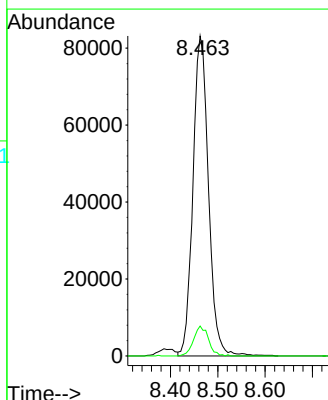
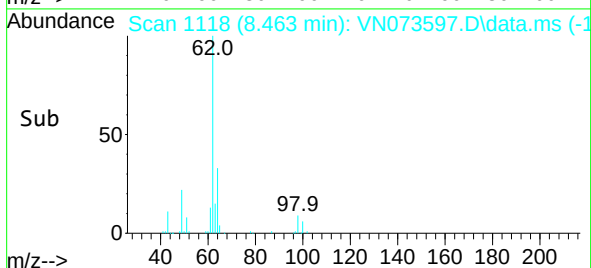
Supervised By :Mahesh Dadoda 07/26/2022

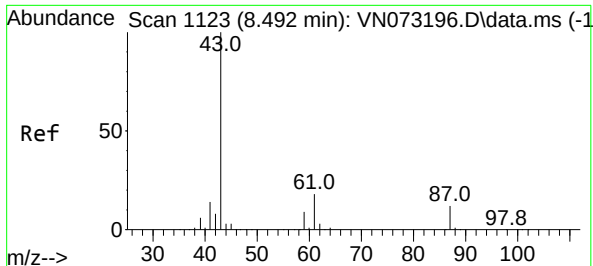


#42
1,2-Dichloroethane
Concen: 59.377 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion: 62 Resp: 189789
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.4





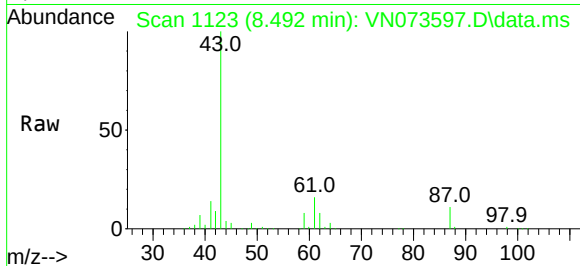
#43
Isopropyl Acetate
Concen: 63.793 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



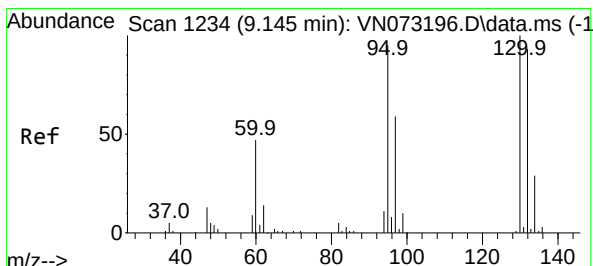
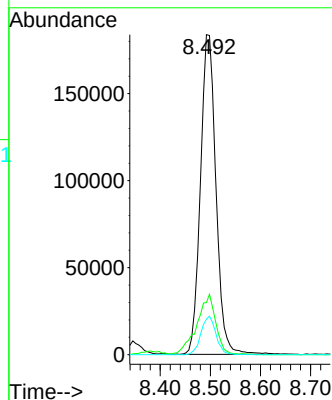
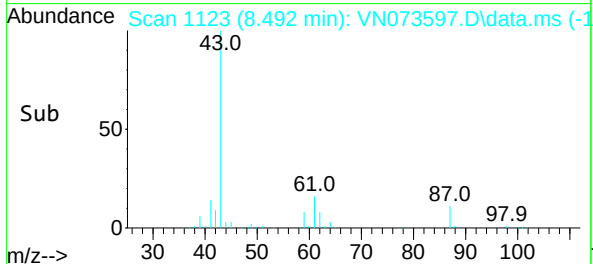
Tgt Ion: 43 Resp: 39579
Ion Ratio Lower Upper
43 100
61 23.2 21.9 32.9
87 11.6 12.0 18.0

Manual Integrations

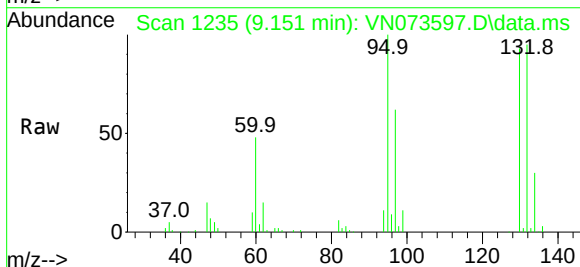
APPROVED

Reviewed By :John Carlone 07/26/2022

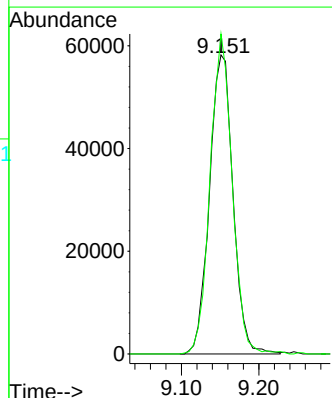
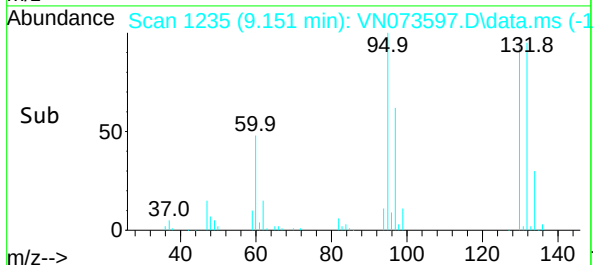
Supervised By :Mahesh Dadoda 07/26/2022

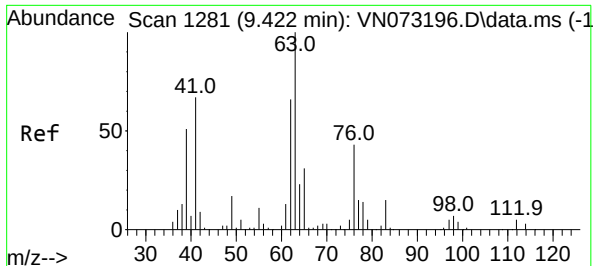


#44
Trichloroethene
Concen: 54.755 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion:130 Resp: 122865
Ion Ratio Lower Upper
130 100
95 107.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 63.168 ug/l

RT: 9.427 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14196

Ion Ratio Lower Upper

63 100

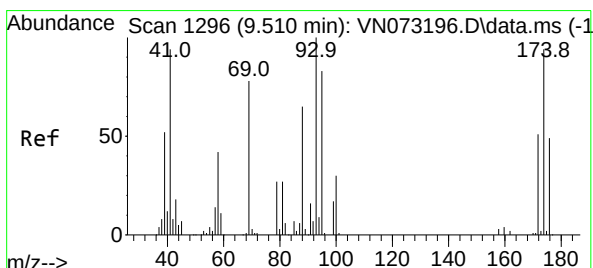
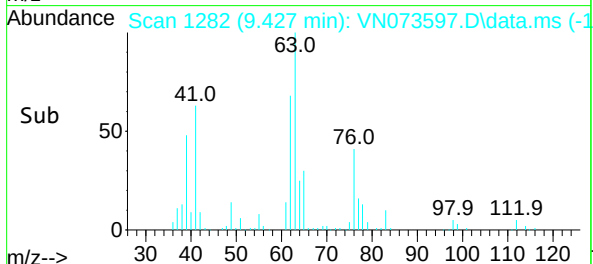
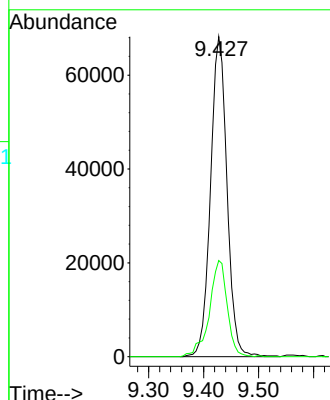
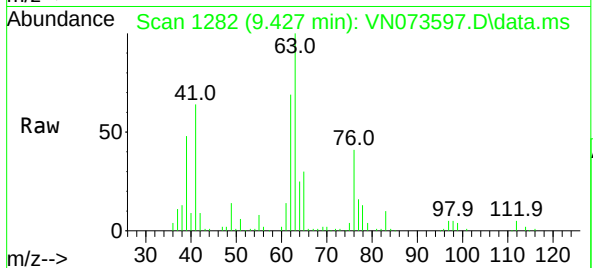
65 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#46

Dibromomethane

Concen: 60.595 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

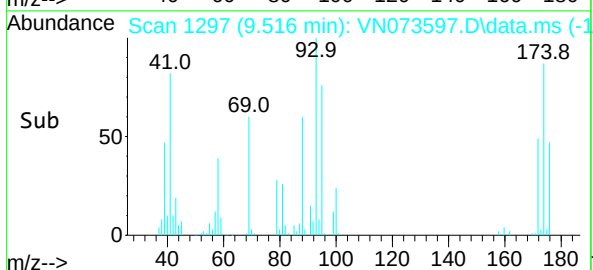
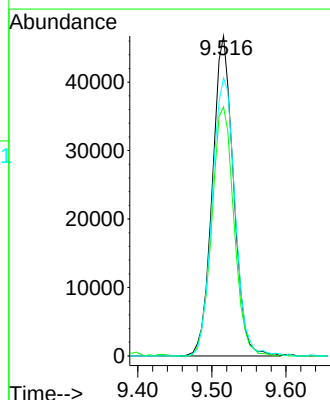
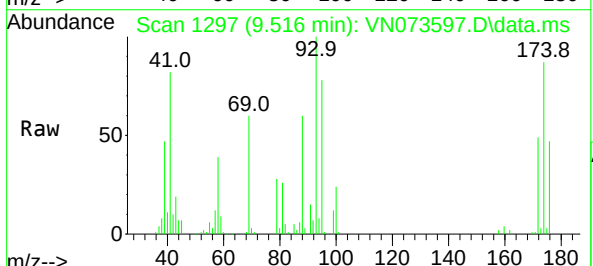
Tgt Ion: 93 Resp: 92468

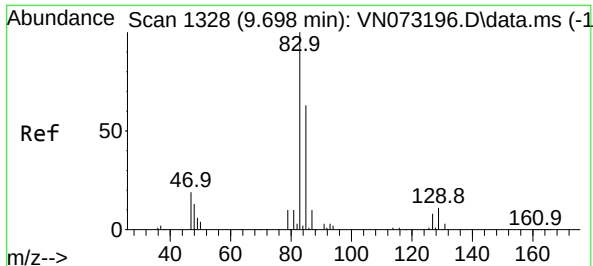
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

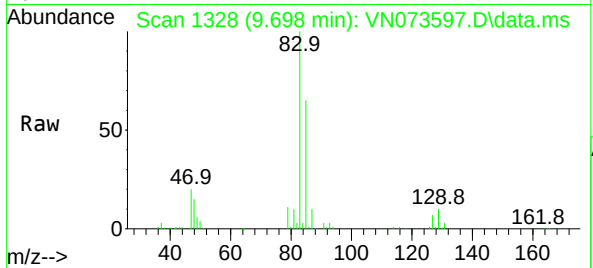
174 94.0 86.6 130.0





#47
Bromodichloromethane
Concen: 61.397 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

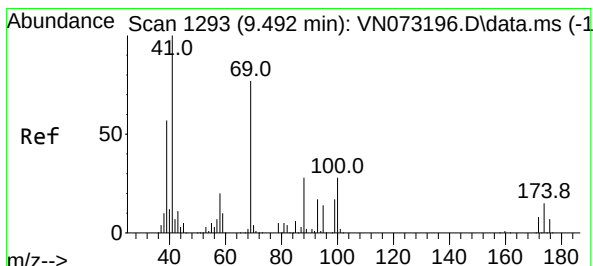
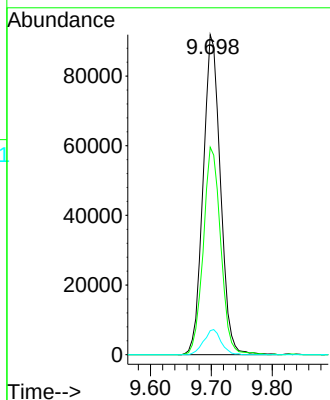
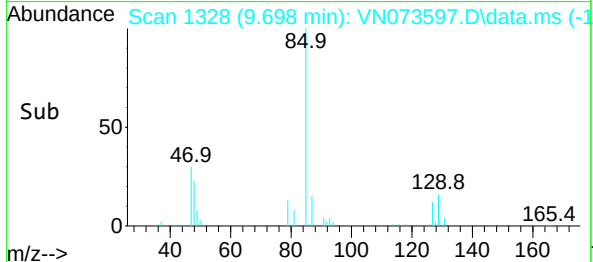
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



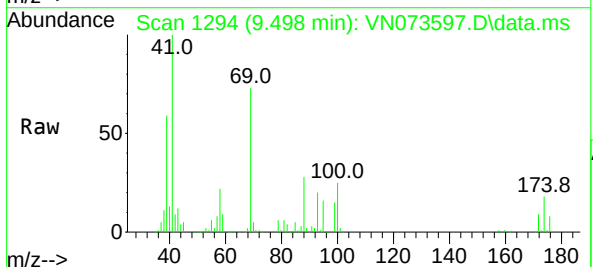
Tgt Ion: 83 Resp: 181462
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 7.5 6.8 10.2

Manual Integrations
APPROVED

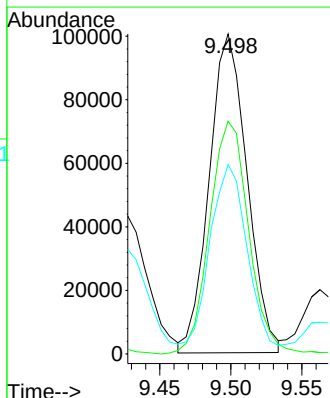
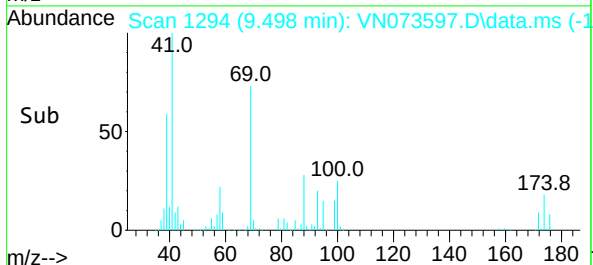
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

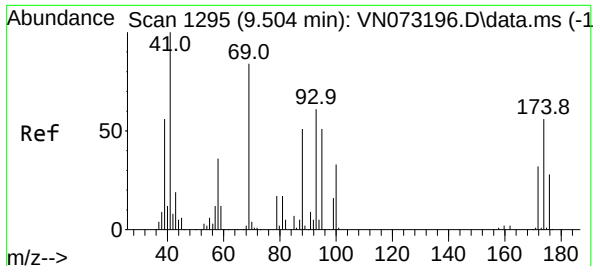


#48
Methyl methacrylate
Concen: 64.686 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion: 41 Resp: 185824
Ion Ratio Lower Upper
41 100
69 75.8 74.7 112.1
39 54.6 45.6 68.4





#49

1,4-Dioxane

Concen: 1363.707 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 74370

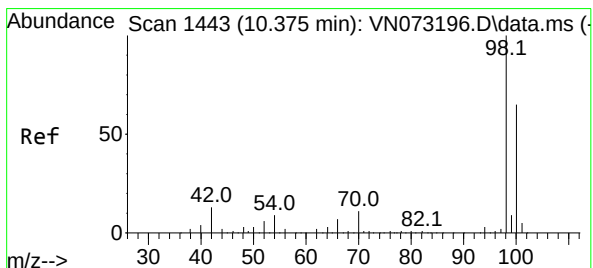
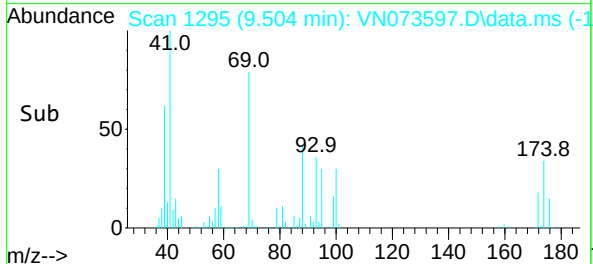
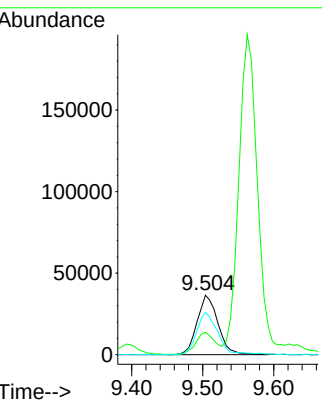
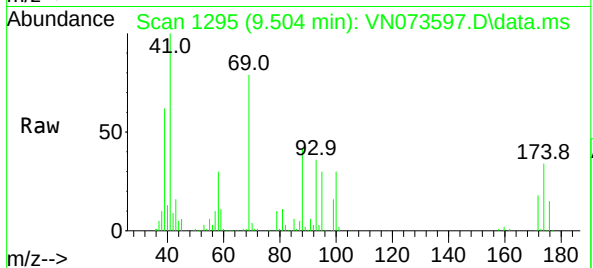
Ion	Ratio	Lower	Upper
88	100		
43	34.8	20.2	30.4
58	73.2	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#50

Toluene-d8

Concen: 51.572 ug/l

RT: 10.380 min Scan# 1444

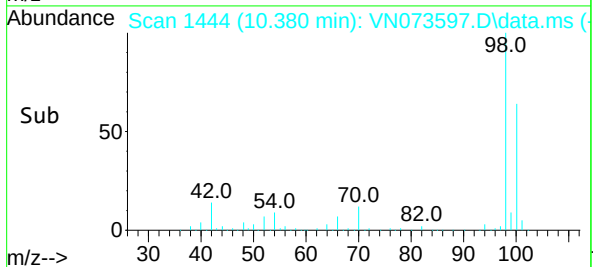
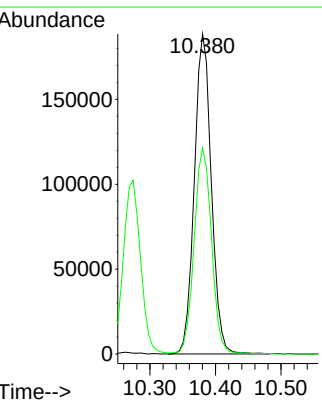
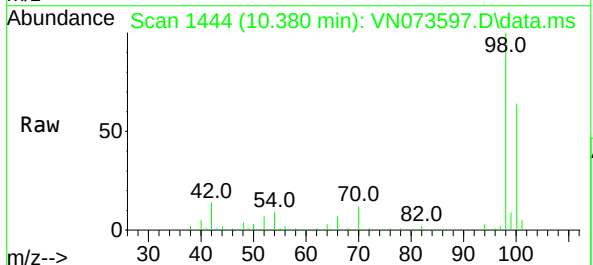
Delta R.T. 0.005 min

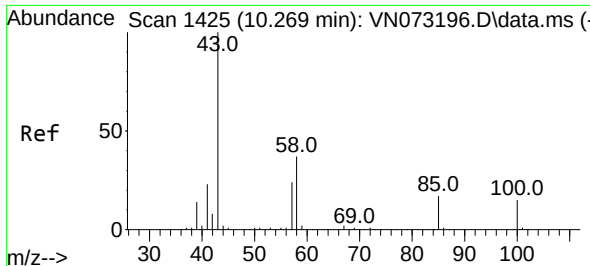
Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

Tgt Ion: 98 Resp: 340118

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





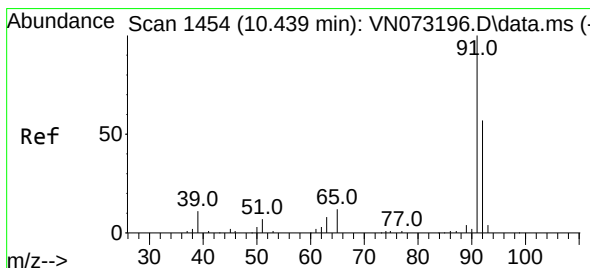
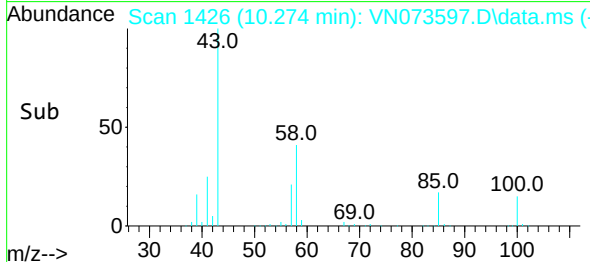
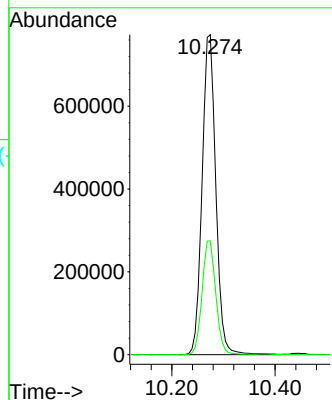
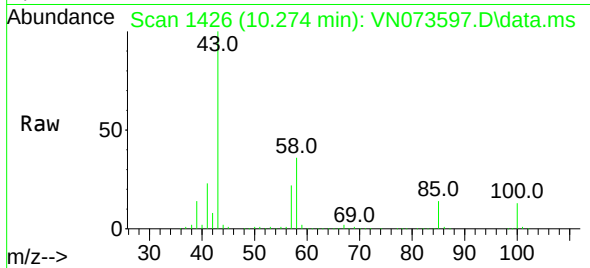
#51
4-Methyl-2-Pentanone
Concen: 361.285 ug/l
RT: 10.274 min Scan# 1425
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 142149
Ion Ratio Lower Upper
43 100
58 35.7 34.1 51.1

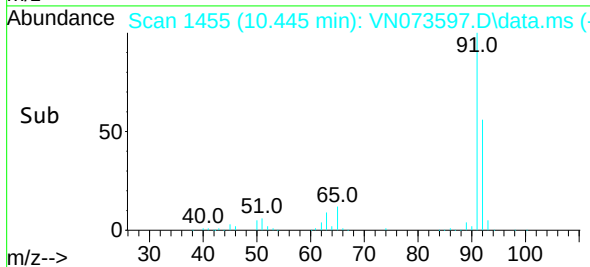
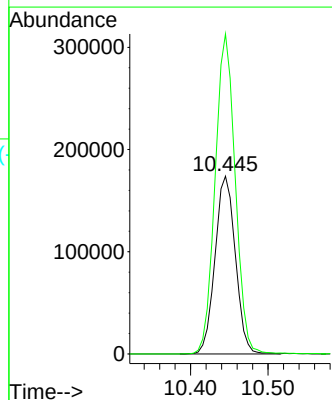
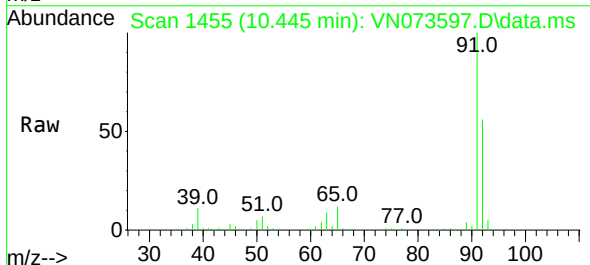
Manual Integrations
APPROVED

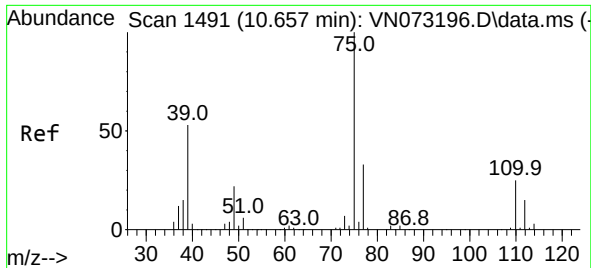
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#52
Toluene
Concen: 58.187 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

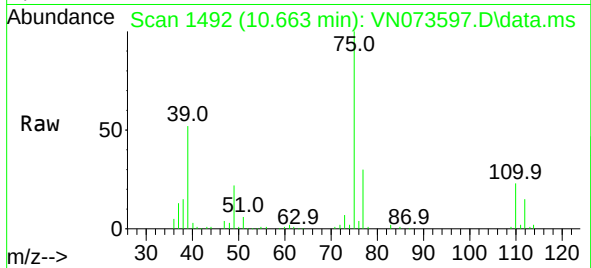
Tgt Ion: 92 Resp: 317081
Ion Ratio Lower Upper
92 100
91 178.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 54.527 ug/l
RT: 10.663 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

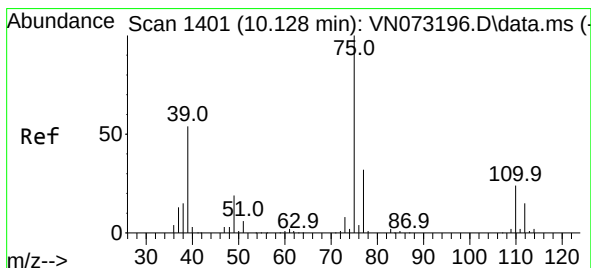
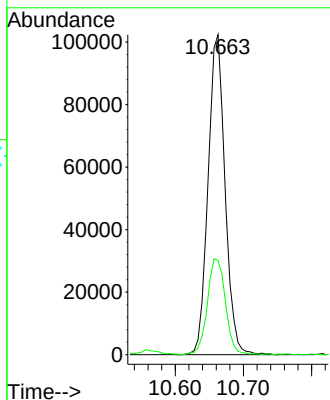
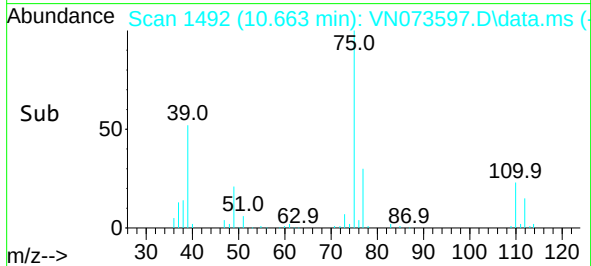
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 17741
Ion Ratio Lower Upper
75 100
77 29.4 25.6 38.4

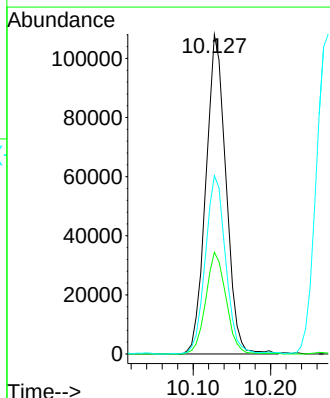
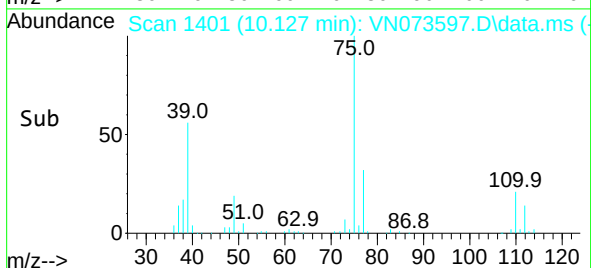
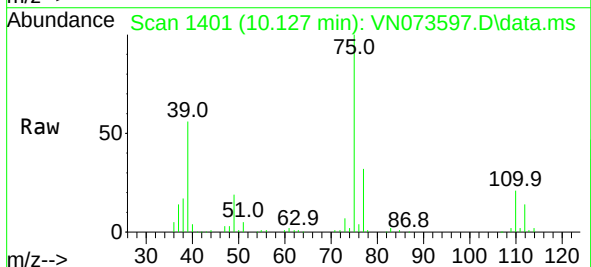
Manual Integrations
APPROVED

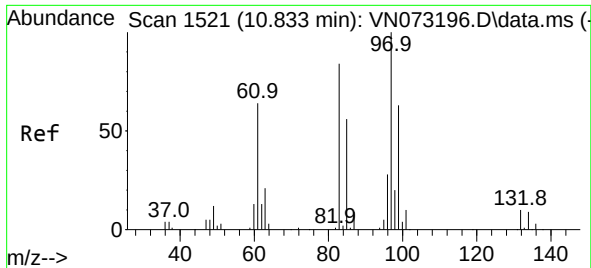
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#54
cis-1,3-Dichloropropene
Concen: 55.578 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.001 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

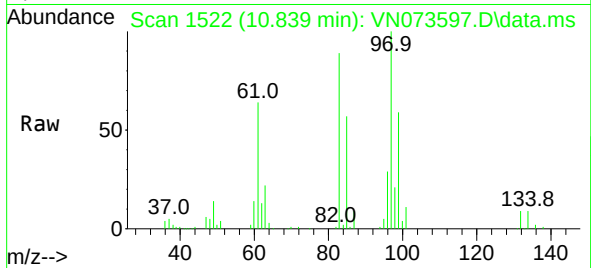
Tgt Ion: 75 Resp: 195224
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 55.8 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 58.837 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

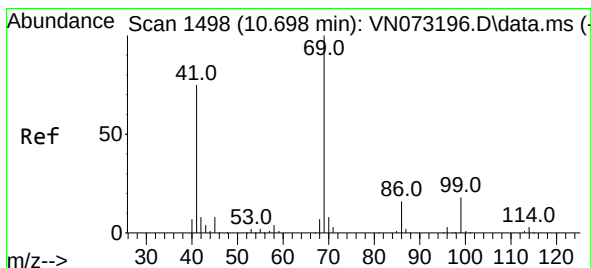
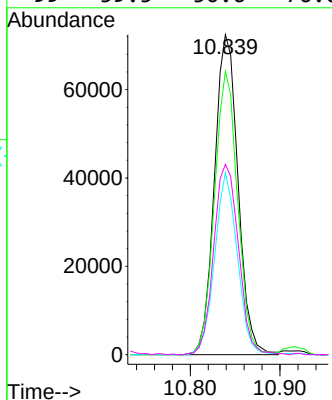
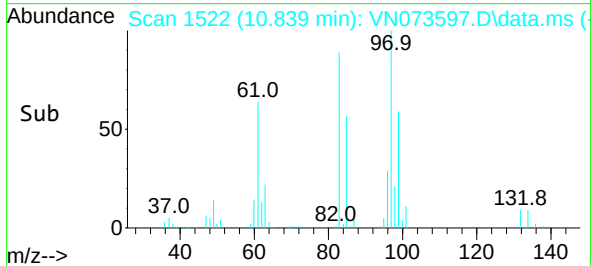
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



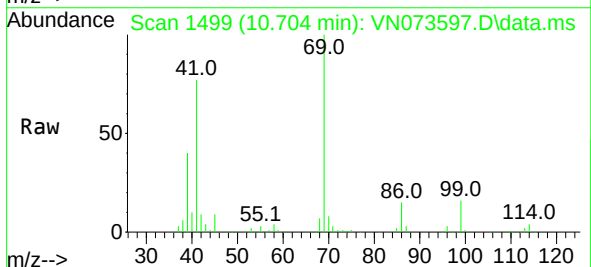
Tgt Ion: 97 Resp: 131993
Ion Ratio Lower Upper
97 100
83 88.5 66.2 99.4
85 56.9 43.9 65.9
99 59.5 50.6 76.0

Manual Integrations
APPROVED

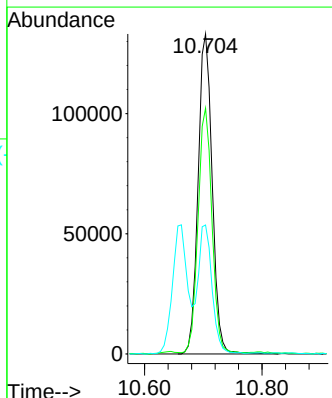
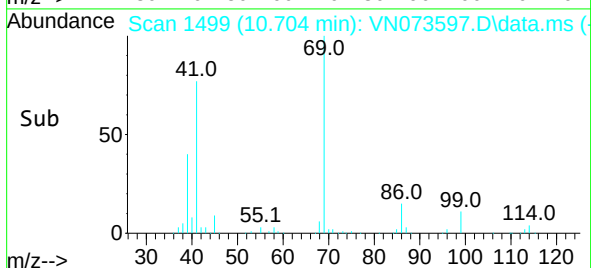
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

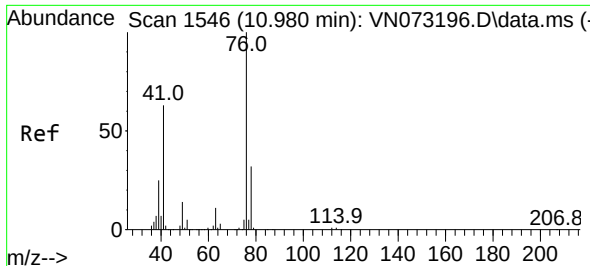


#56
Ethyl methacrylate
Concen: 61.153 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion: 69 Resp: 221743
Ion Ratio Lower Upper
69 100
41 75.2 47.8 71.6#
39 40.1 27.3 40.9





#57

1,3-Dichloropropane

Concen: 60.717 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 23350

Ion Ratio Lower Upper

76 100

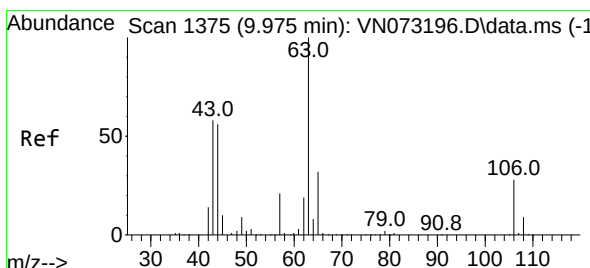
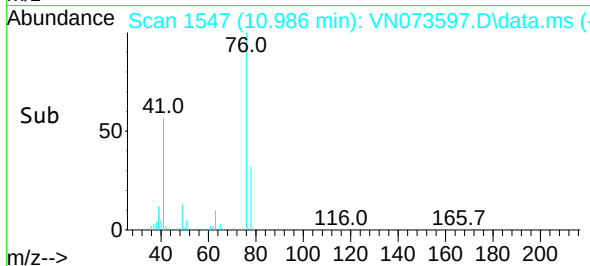
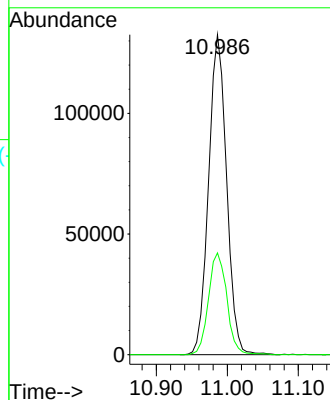
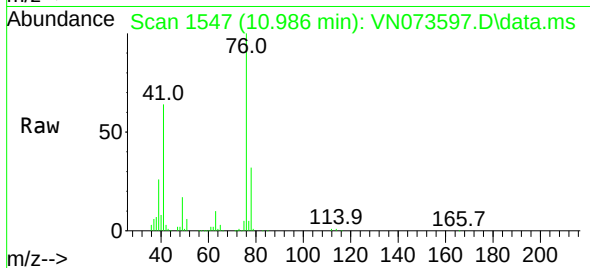
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#58

2-Chloroethyl Vinyl ether

Concen: 298.481 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073597.D

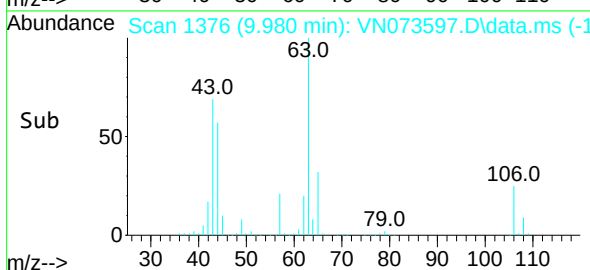
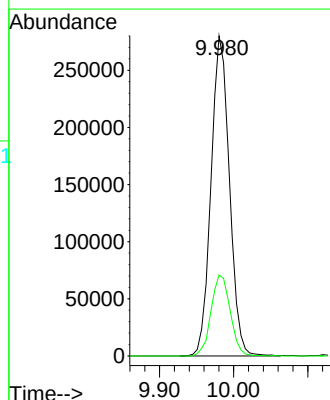
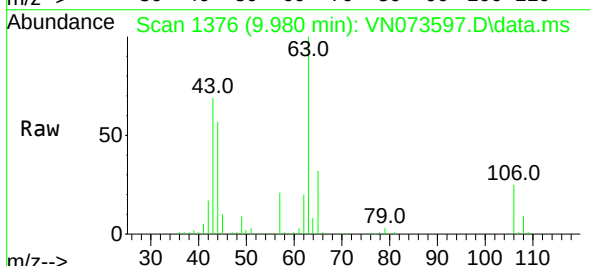
Acq: 25 Jul 2022 22:33

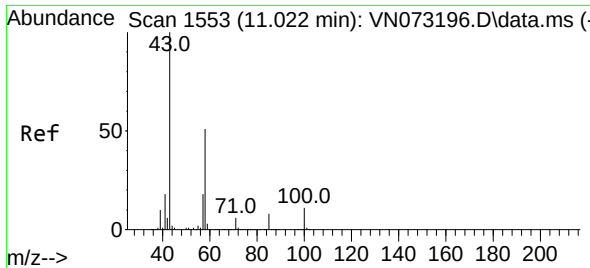
Tgt Ion: 63 Resp: 482686

Ion Ratio Lower Upper

63 100

106 26.3 24.6 36.8





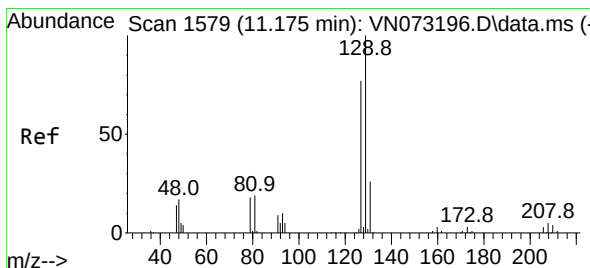
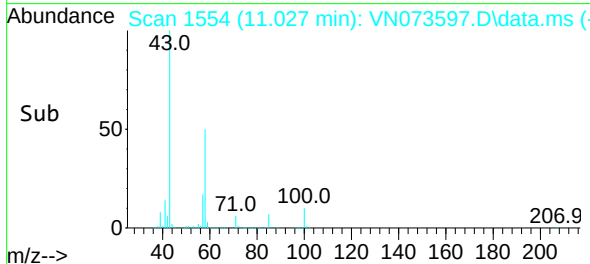
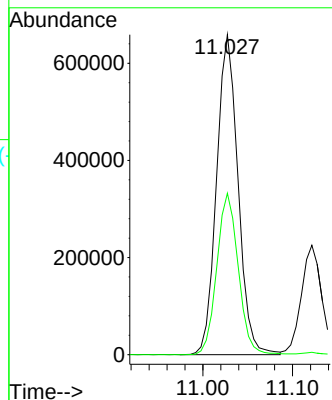
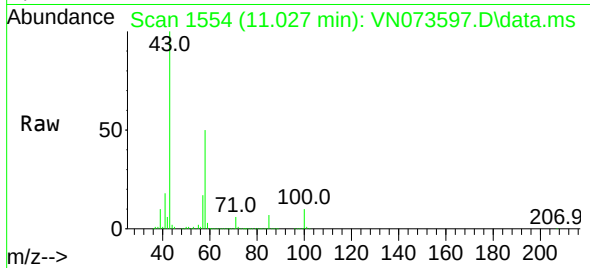
#59
2-Hexanone
Concen: 365.069 ug/l
RT: 11.027 min Scan# 1553
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 109491
Ion Ratio Lower Upper
43 100
58 50.4 29.7 89.1

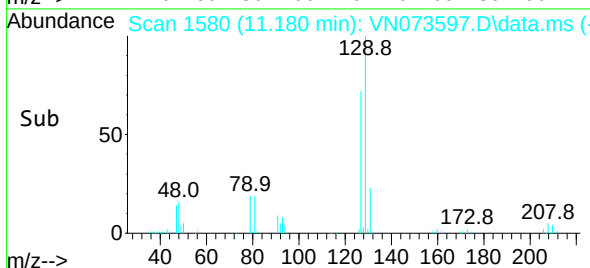
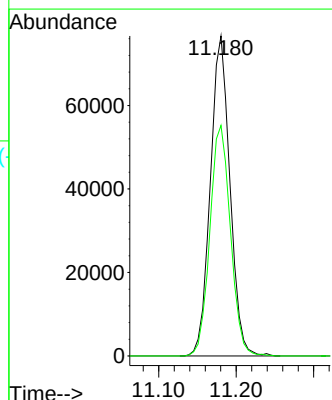
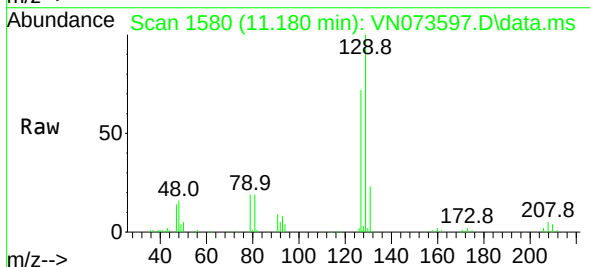
Manual Integrations
APPROVED

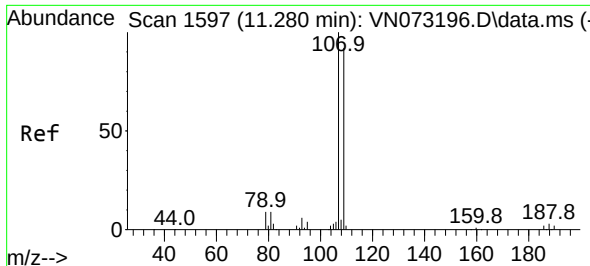
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#60
Dibromochloromethane
Concen: 62.985 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

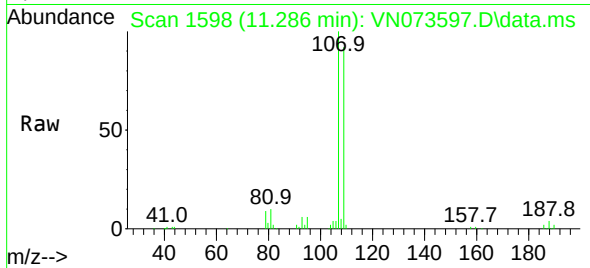
Tgt Ion:129 Resp: 134718
Ion Ratio Lower Upper
129 100
127 75.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 60.117 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

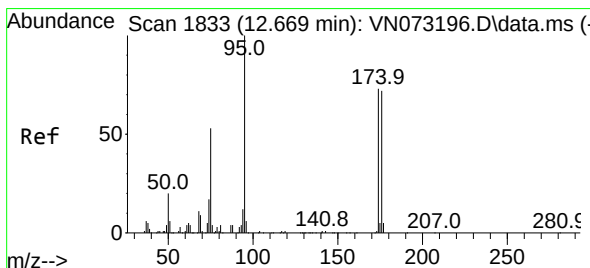
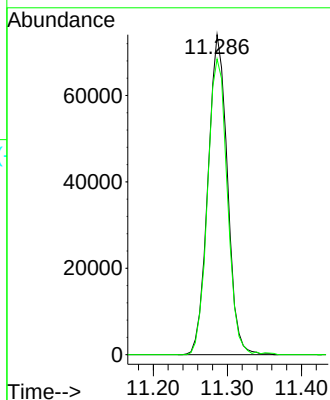
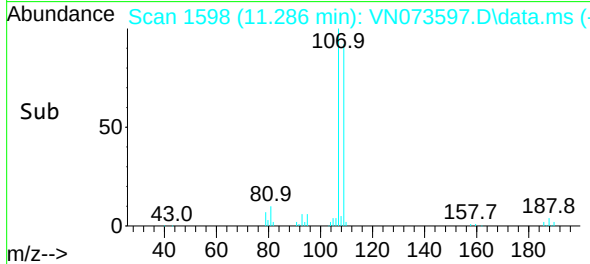
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



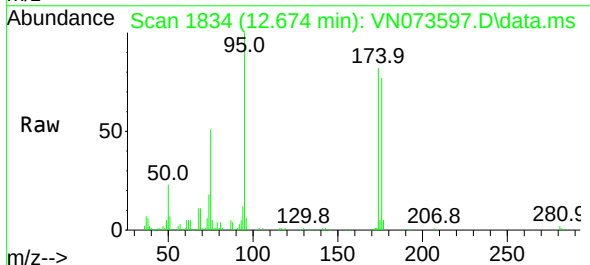
Tgt Ion:107 Resp: 134709
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

Manual Integrations
APPROVED

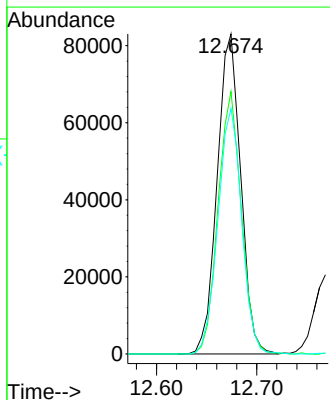
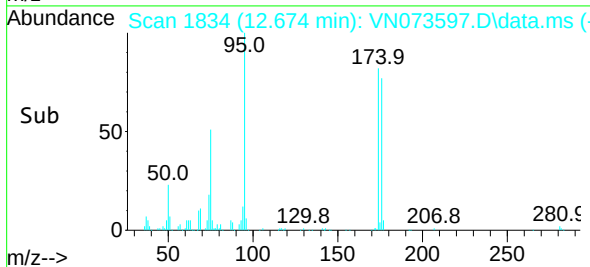
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

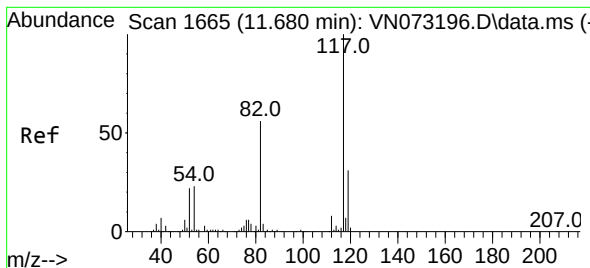


#62
4-Bromofluorobenzene
Concen: 53.435 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



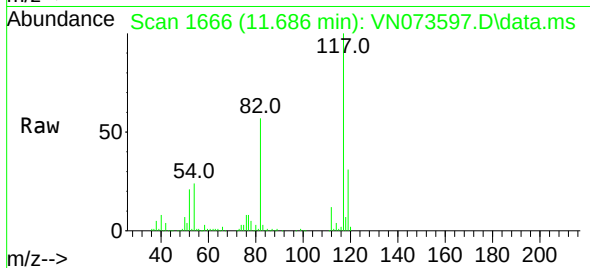
Tgt Ion: 95 Resp: 135426
Ion Ratio Lower Upper
95 100
174 80.9 0.0 167.6
176 77.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

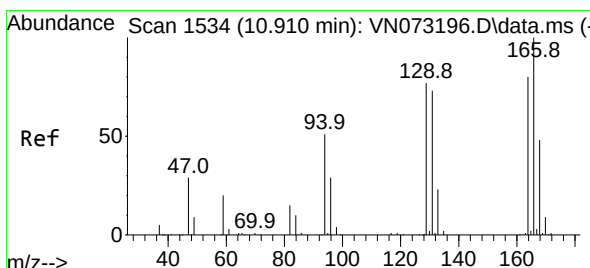
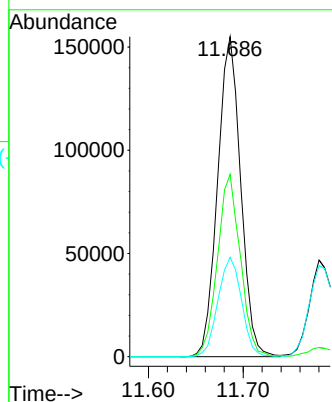
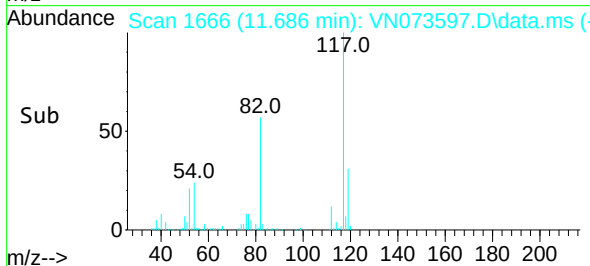
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



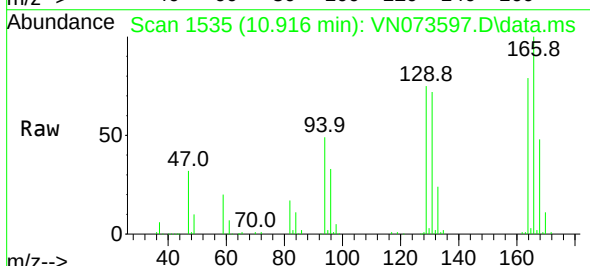
Tgt Ion:117 Resp: 262724
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 31.0 25.4 38.0

Manual Integrations
APPROVED

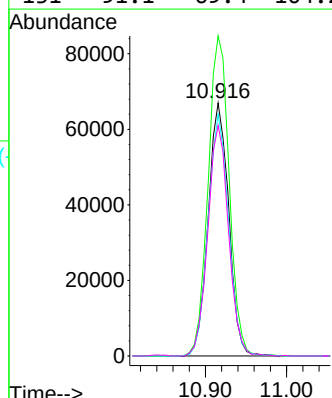
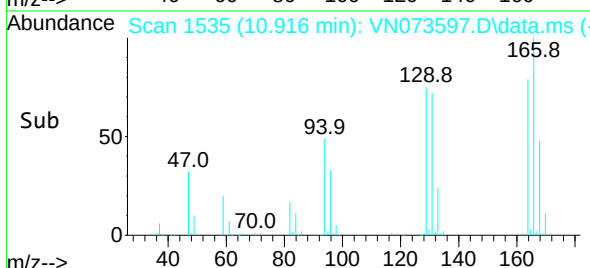
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

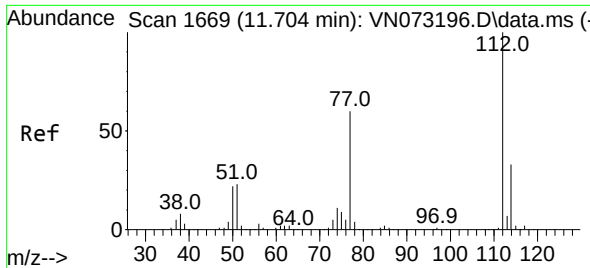


#64
Tetrachloroethene
Concen: 54.971 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion:164 Resp: 117931
Ion Ratio Lower Upper
164 100
166 126.5 104.2 156.2
129 95.5 73.9 110.9
131 91.1 69.4 104.2





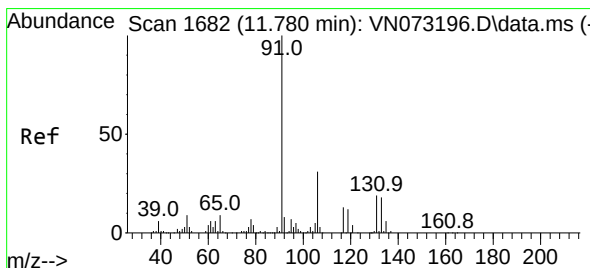
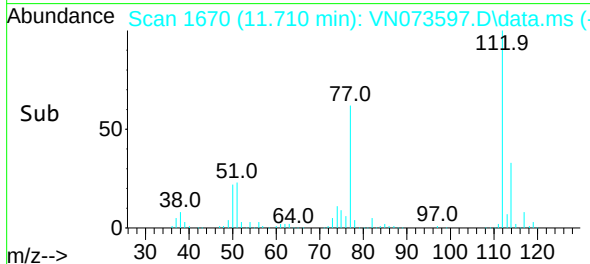
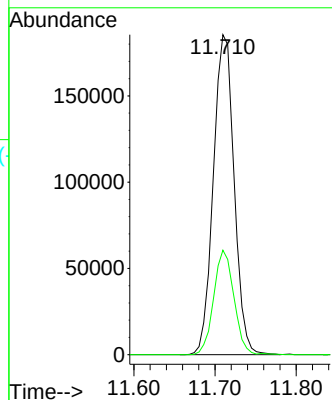
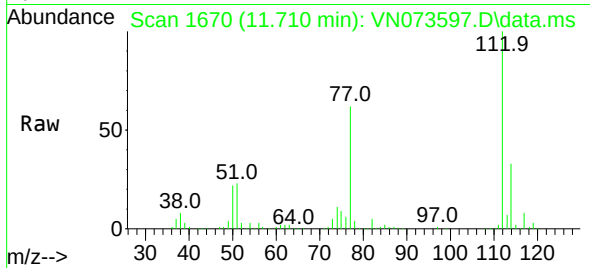
#65
Chlorobenzene
Concen: 55.599 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 330362
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

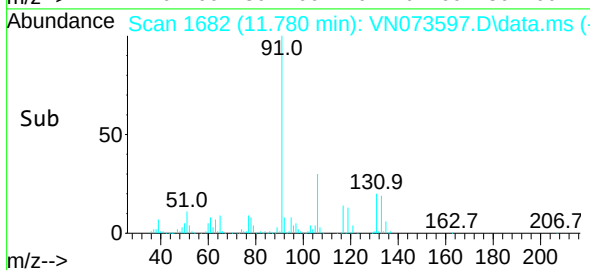
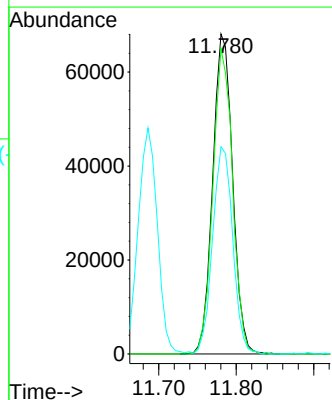
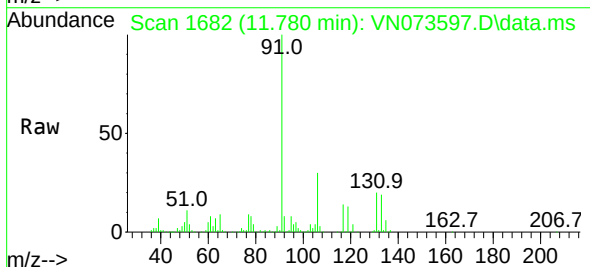
Manual Integrations
APPROVED

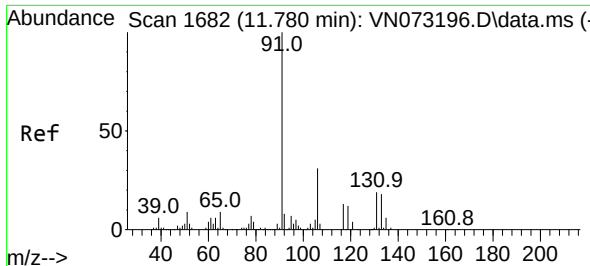
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 55.642 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Tgt Ion:131 Resp: 121608
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 65.6 33.4 100.2





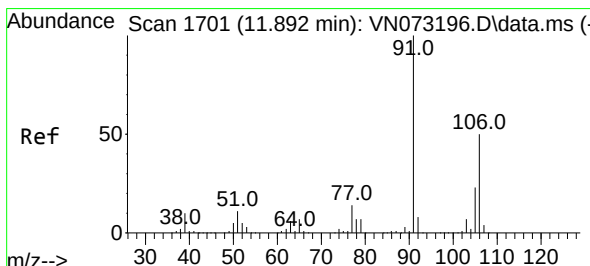
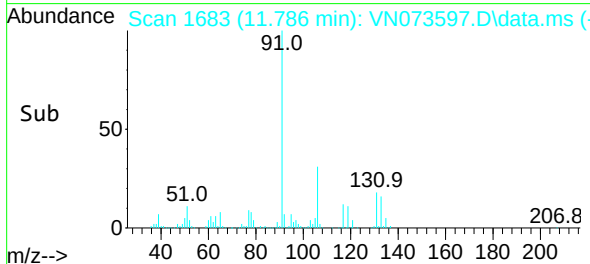
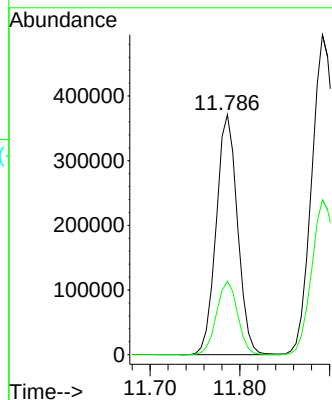
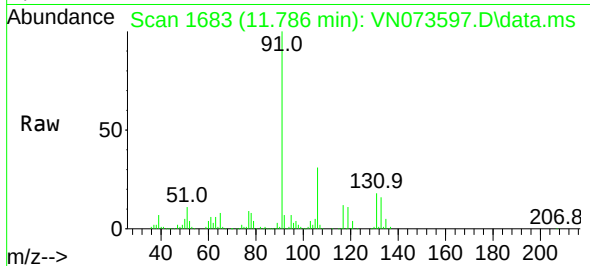
#67
Ethyl Benzene
Concen: 56.677 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 611389
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

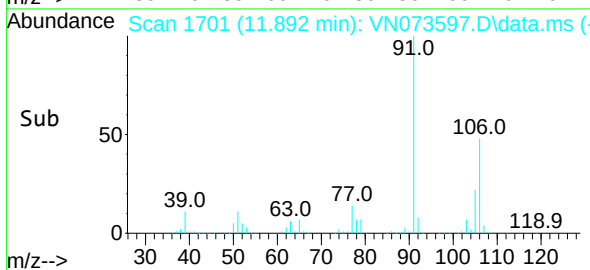
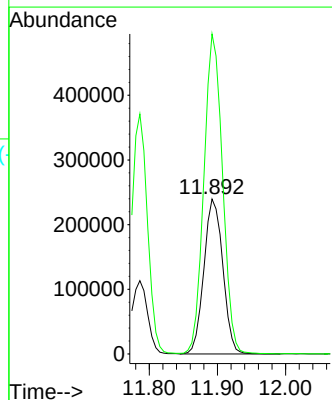
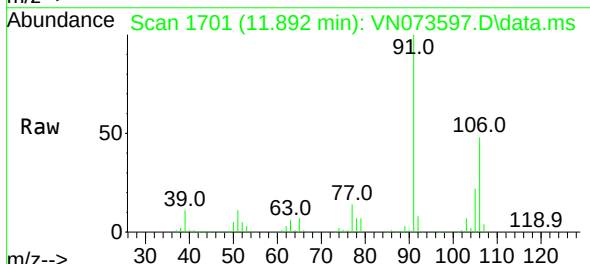
Manual Integrations
APPROVED

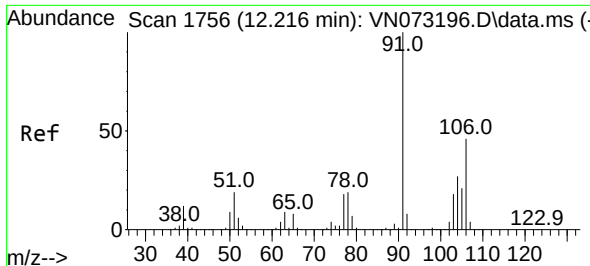
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#68
m/p-Xylenes
Concen: 113.769 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Tgt Ion:106 Resp: 463163
Ion Ratio Lower Upper
106 100
91 203.4 158.9 238.3





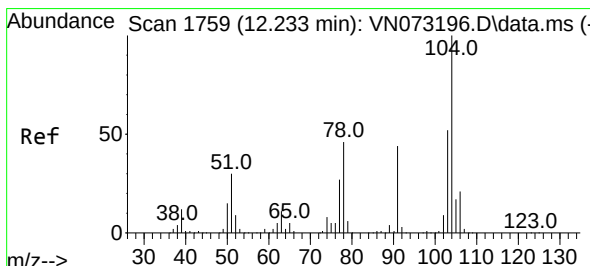
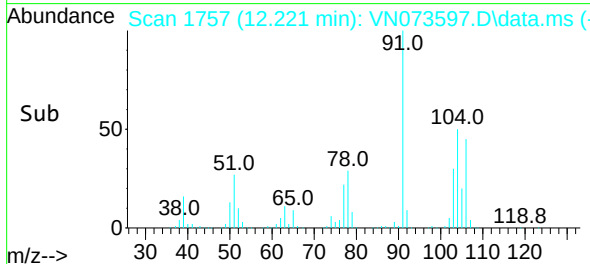
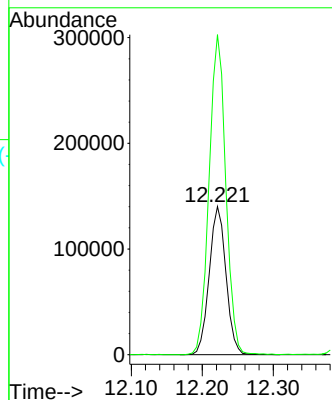
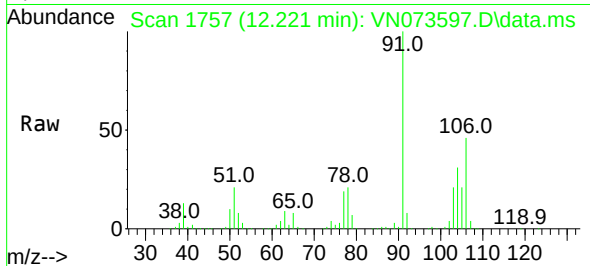
#69
o-Xylene
Concen: 55.333 ug/l
RT: 12.221 min Scan# 1756
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 229960
Ion Ratio Lower Upper
106 100
91 215.5 106.0 318.0

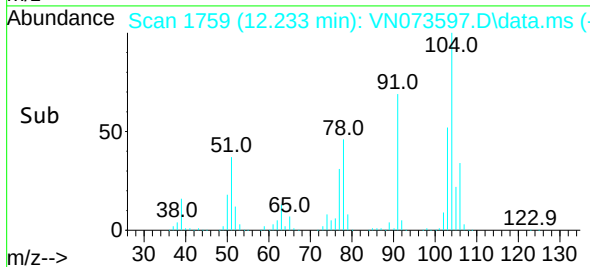
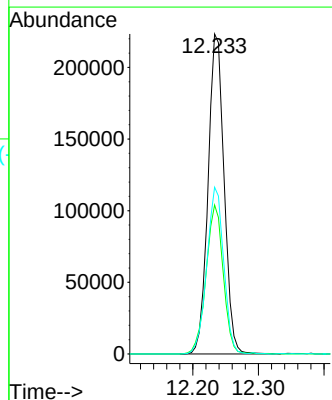
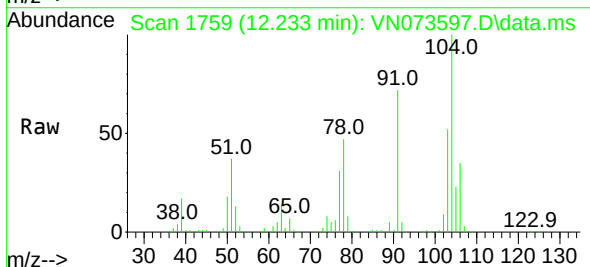
Manual Integrations
APPROVED

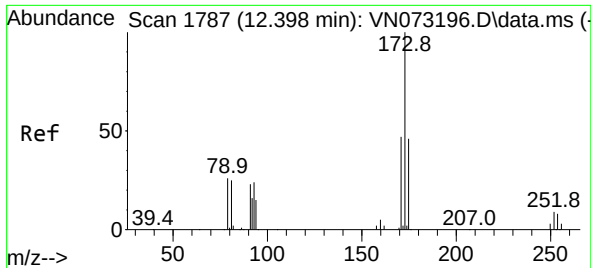
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#70
Styrene
Concen: 59.267 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

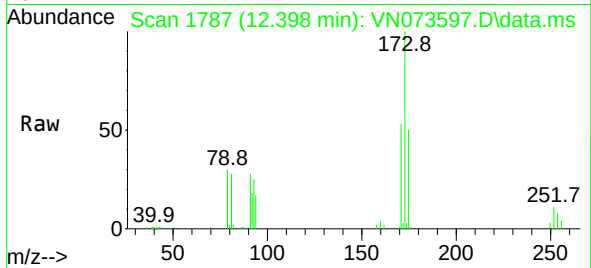
Tgt Ion:104 Resp: 380290
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 63.007 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

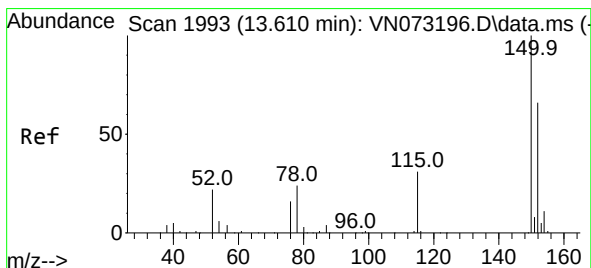
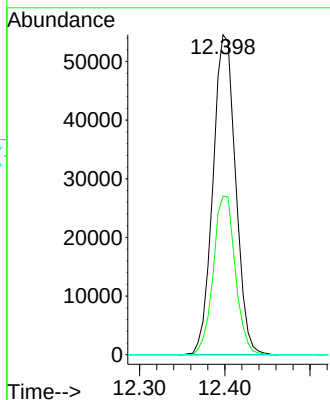
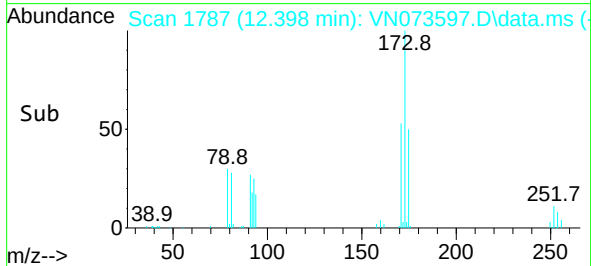
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



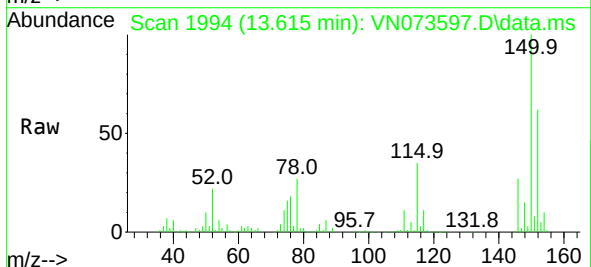
Tgt Ion:173 Resp: 100760
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

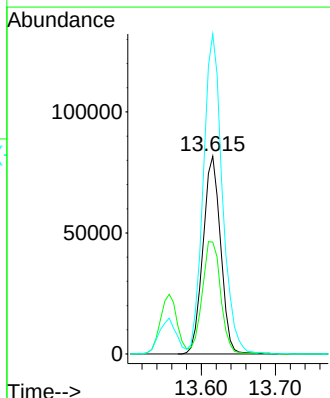
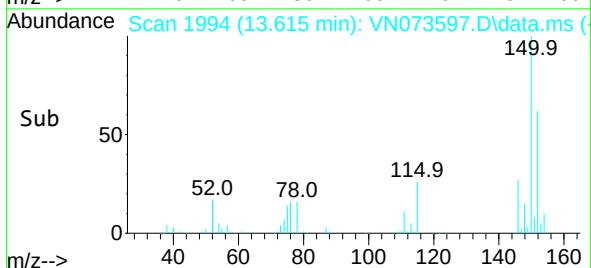
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

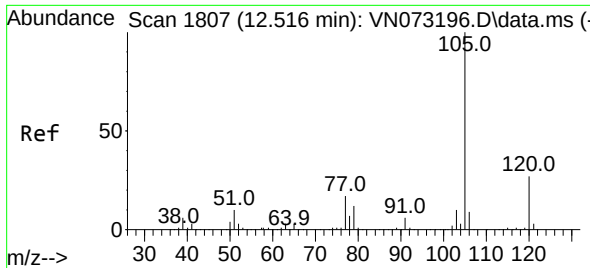


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion:152 Resp: 134851
Ion Ratio Lower Upper
152 100
115 58.8 28.9 86.7
150 174.9 0.0 356.2





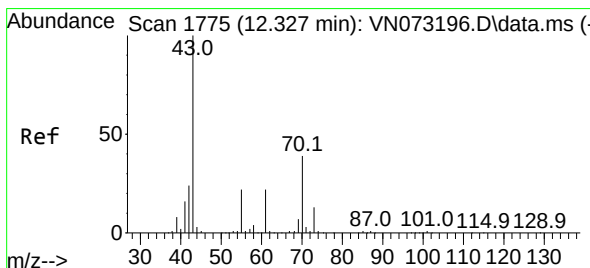
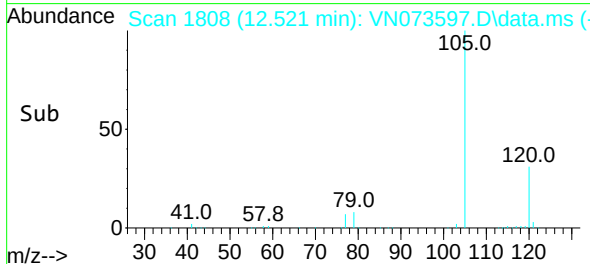
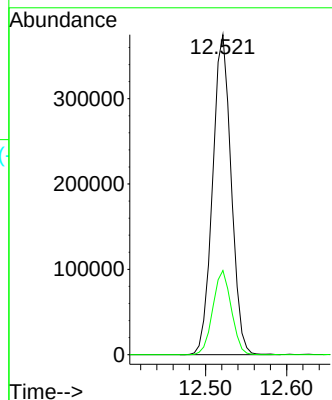
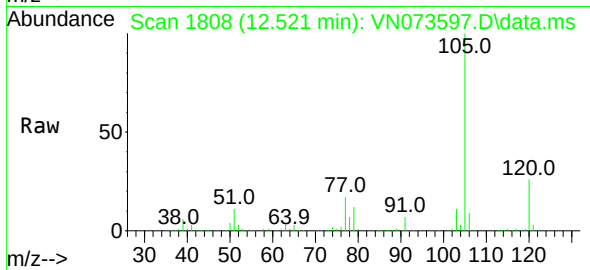
#73
Isopropylbenzene
Concen: 51.185 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 596040
Ion Ratio Lower Upper
105 100
120 26.1 13.5 40.4

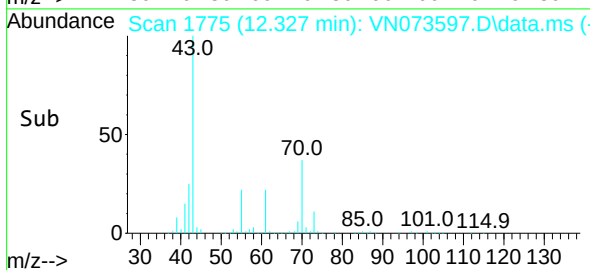
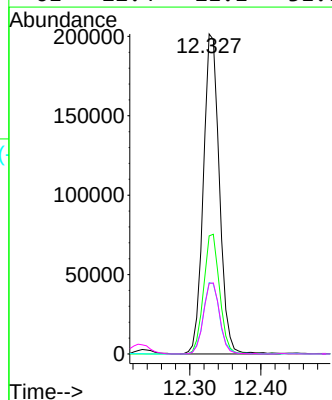
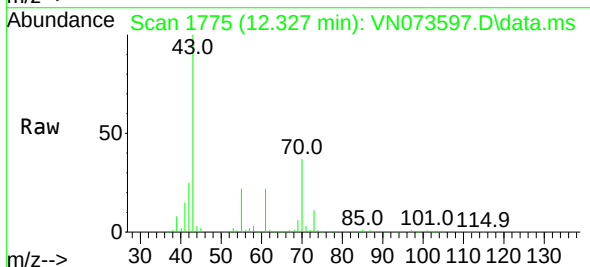
Manual Integrations
APPROVED

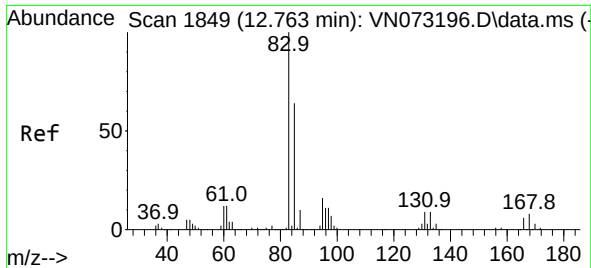
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#74
N-ethyl acetate
Concen: 54.380 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

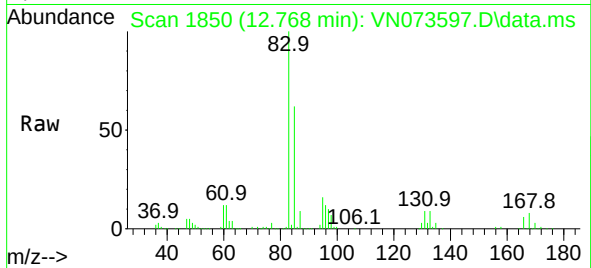
Tgt Ion: 43 Resp: 317083
Ion Ratio Lower Upper
43 100
70 37.3 39.0 58.4#
55 22.7 21.1 31.7
61 22.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 56.418 ug/l
RT: 12.768 min Scan# 1849
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

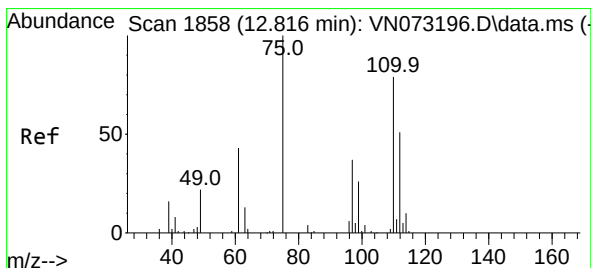
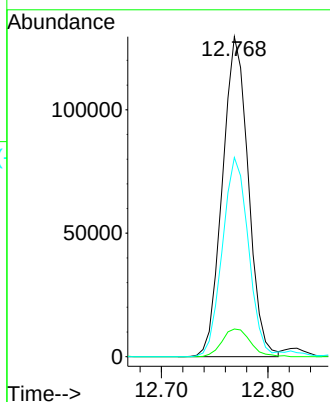
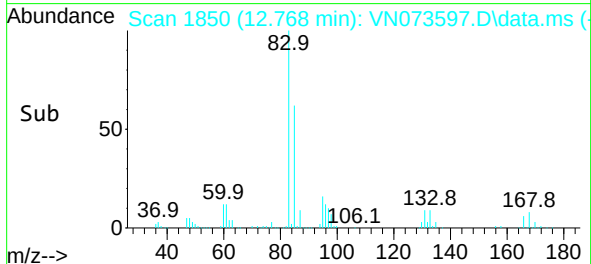
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 21801
Ion Ratio Lower Upper
83 100
131 9.5 5.3 15.9
85 63.2 32.3 96.9

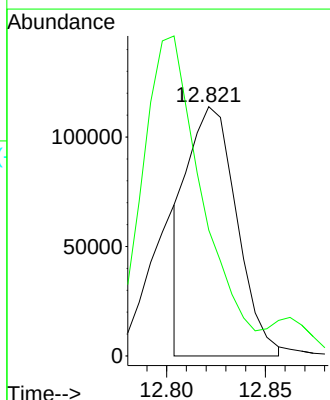
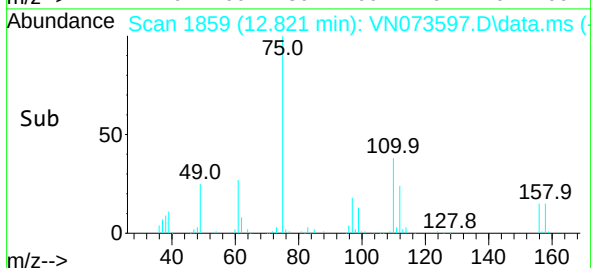
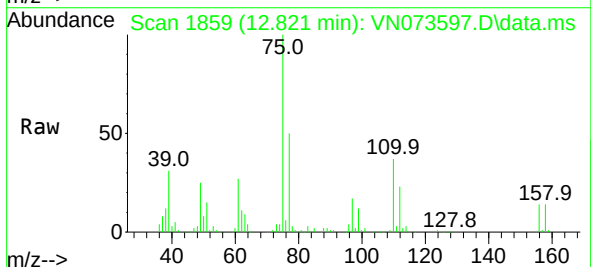
Manual Integrations
APPROVED

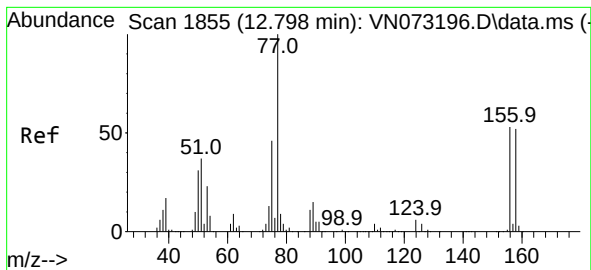
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#76
1,2,3-Trichloropropane
Concen: 56.293 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

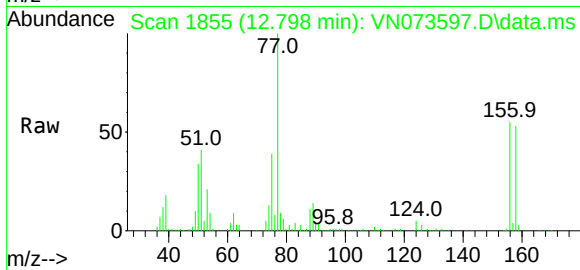
Tgt Ion: 75 Resp: 198494
Ion Ratio Lower Upper
75 100
77 156.4 98.5 295.5





#77
Bromobenzene
Concen: 50.955 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

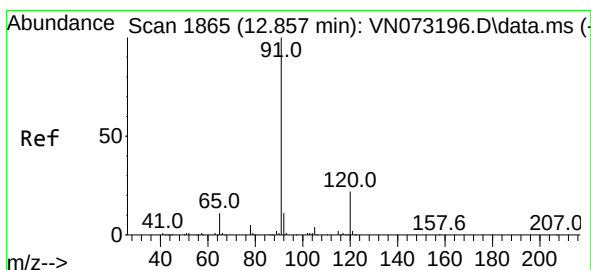
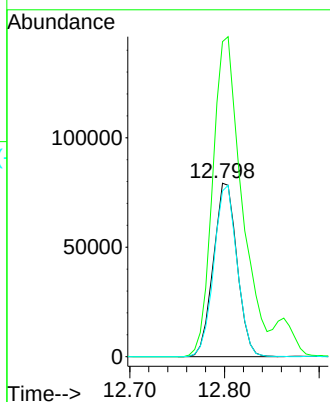
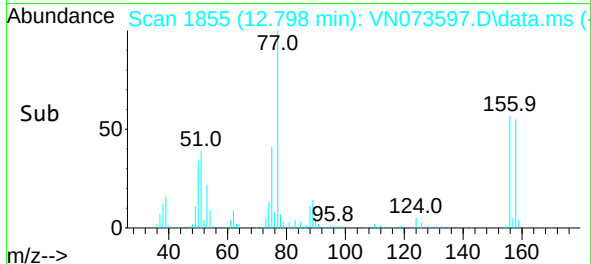
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



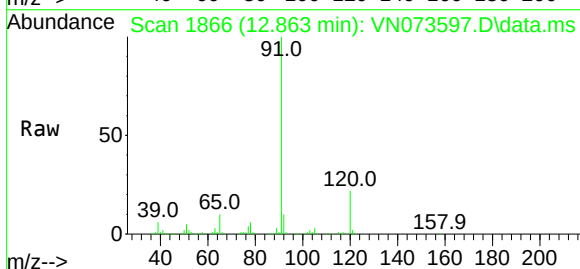
Tgt Ion:156 Resp: 137958
Ion Ratio Lower Upper
156 100
77 225.0 100.5 301.5
158 97.0 48.9 146.6

Manual Integrations
APPROVED

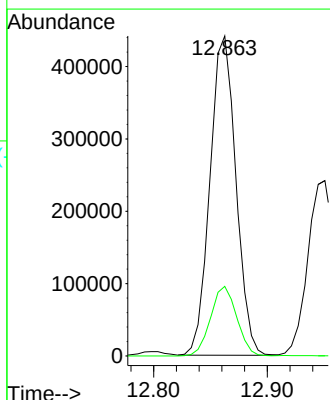
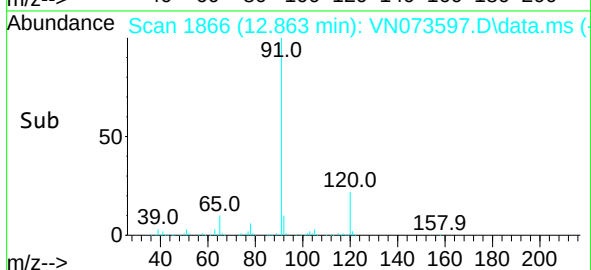
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

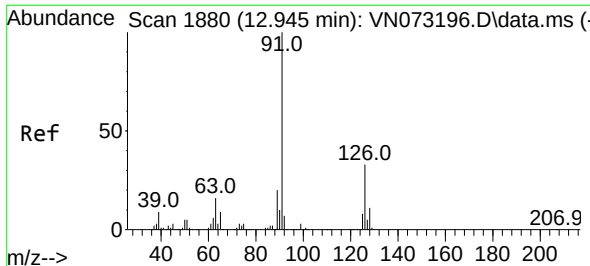


#78
n-propylbenzene
Concen: 54.218 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion: 91 Resp: 701400
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5





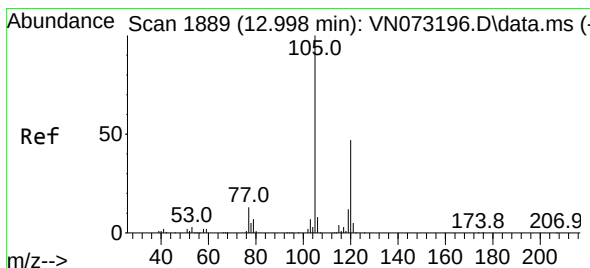
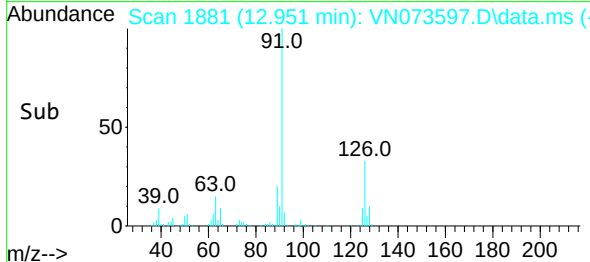
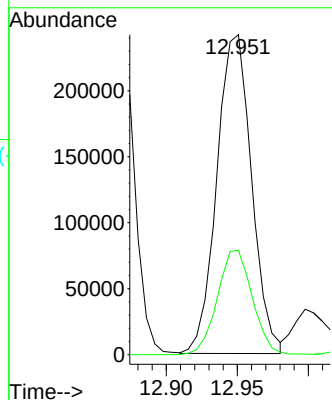
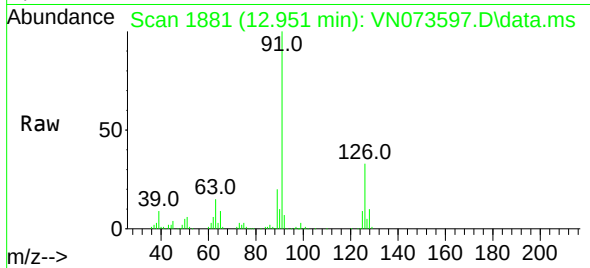
#79
2-Chlorotoluene
Concen: 50.272 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 411612
Ion Ratio Lower Upper
91 100
126 33.0 17.3 51.9

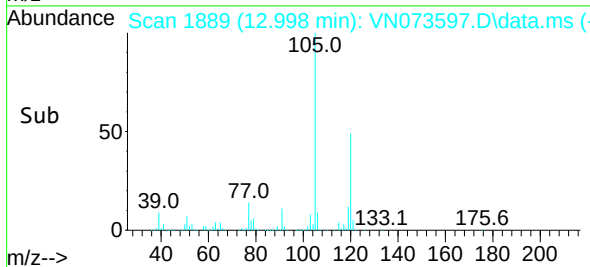
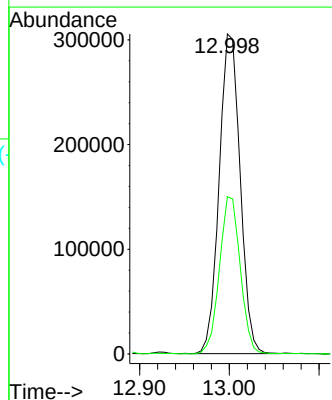
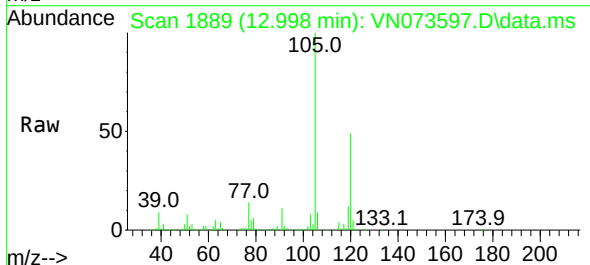
Manual Integrations
APPROVED

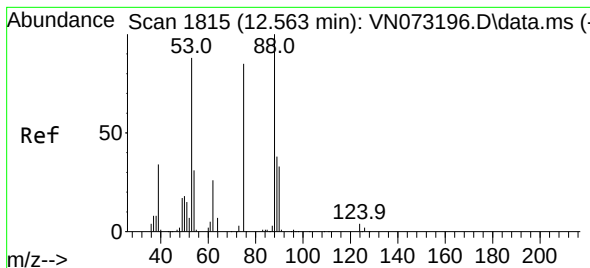
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.199 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

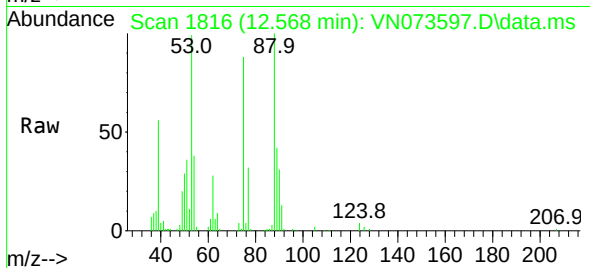
Tgt Ion:105 Resp: 495449
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 46.617 ug/l
RT: 12.568 min Scan# 1815
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

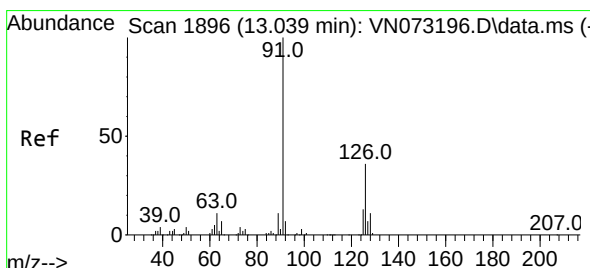
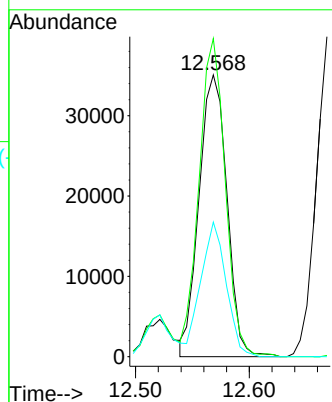
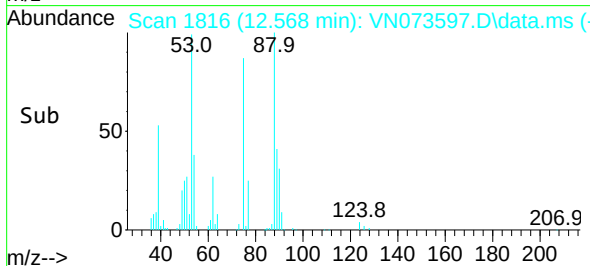
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 5993
Ion Ratio Lower Upper
75 100
53 106.3 78.0 117.0
89 43.2 37.2 55.8

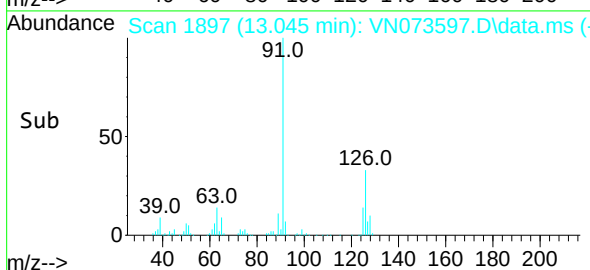
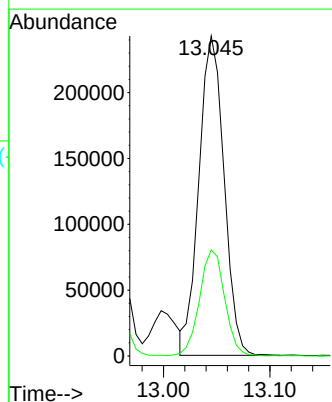
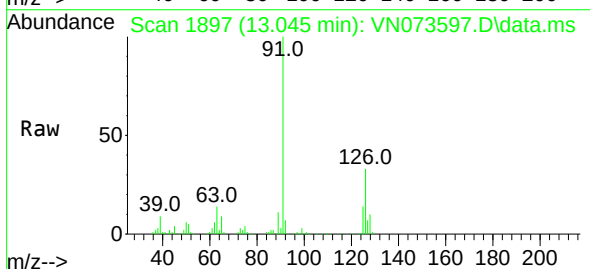
Manual Integrations
APPROVED

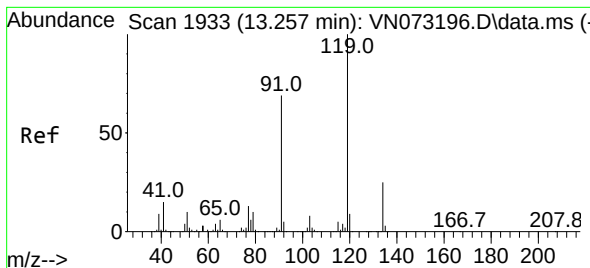
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#82
4-Chlorotoluene
Concen: 50.095 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

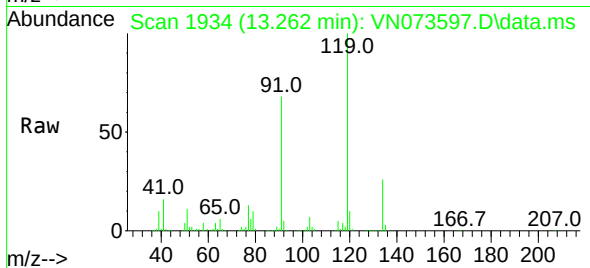
Tgt Ion: 91 Resp: 397087
Ion Ratio Lower Upper
91 100
126 33.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.858 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. 0.005 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

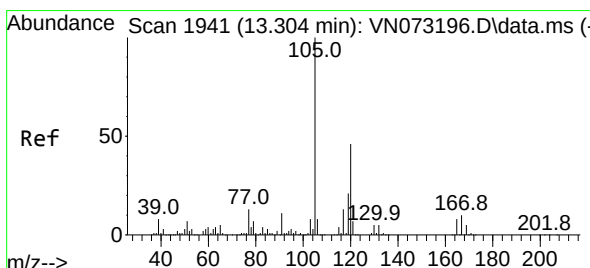
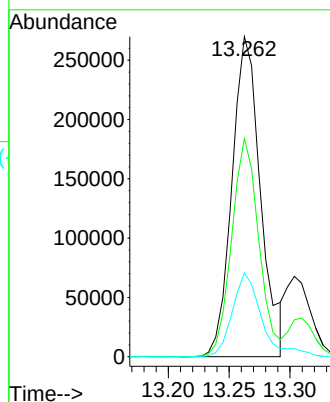
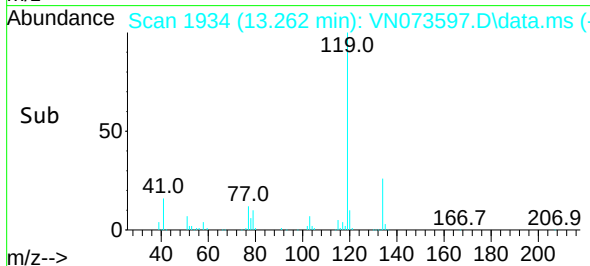
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



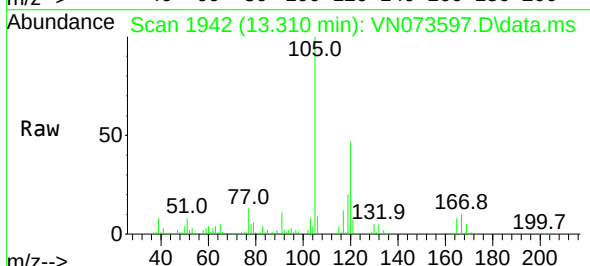
Tgt Ion:119 Resp: 441270
Ion Ratio Lower Upper
119 100
91 64.8 31.6 94.8
134 26.9 13.7 41.1

Manual Integrations
APPROVED

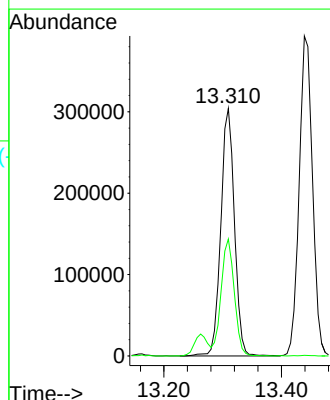
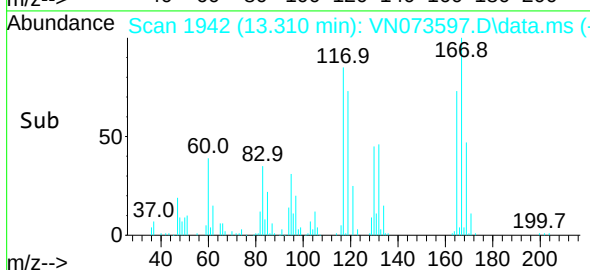
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

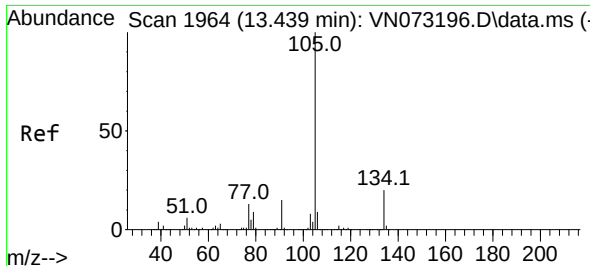


#84
1,2,4-Trimethylbenzene
Concen: 51.692 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion:105 Resp: 489854
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





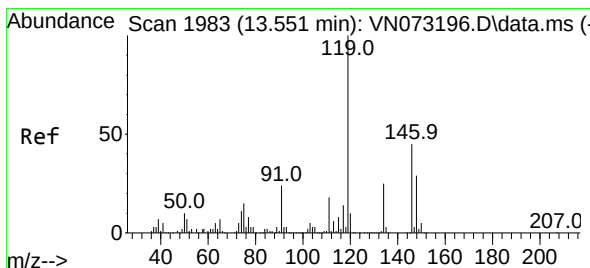
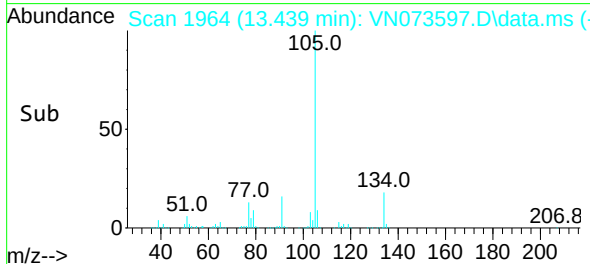
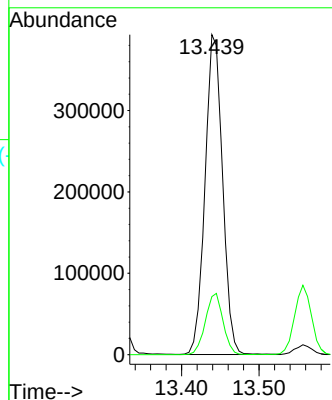
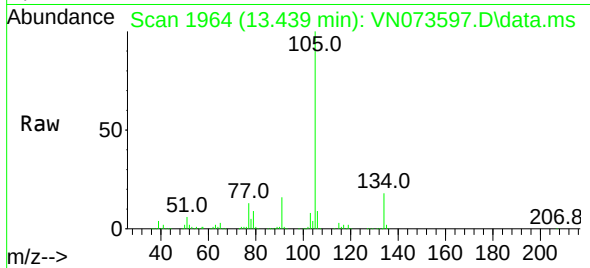
#85
 sec-Butylbenzene
 Concen: 54.077 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073597.D
 Acq: 25 Jul 2022 22:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 617904
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

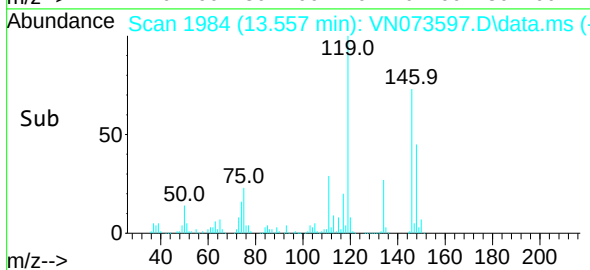
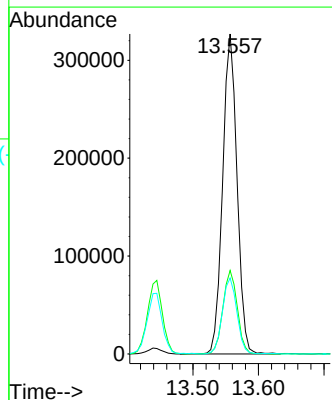
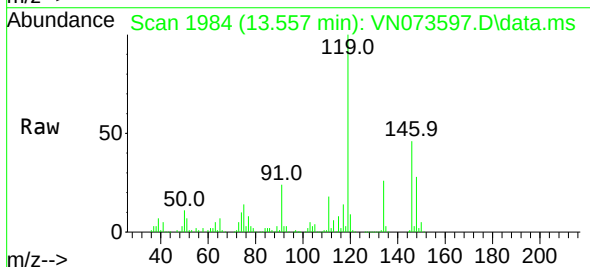
Manual Integrations
 APPROVED

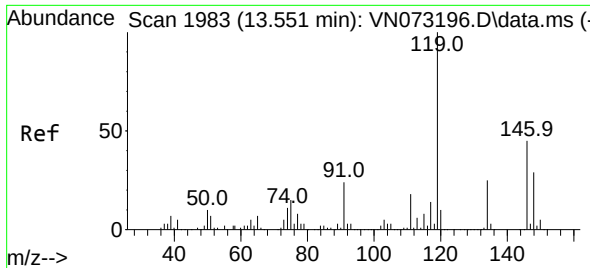
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022



#86
 p-Isopropyltoluene
 Concen: 53.735 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073597.D
 Acq: 25 Jul 2022 22:33

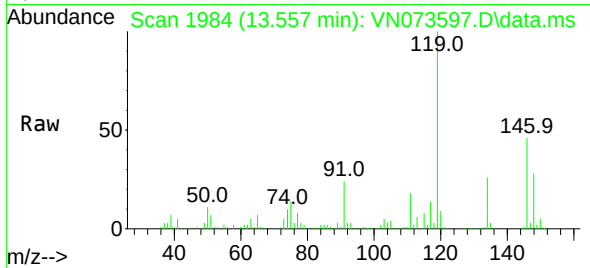
Tgt Ion:119 Resp: 495986
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 23.9 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 51.352 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073597.D
 Acq: 25 Jul 2022 22:33

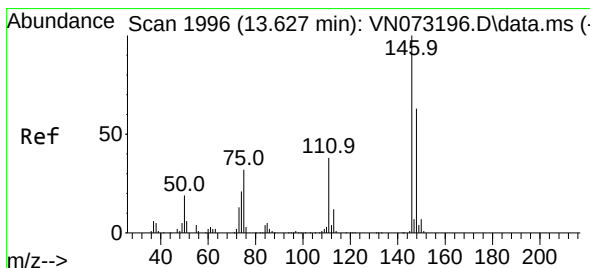
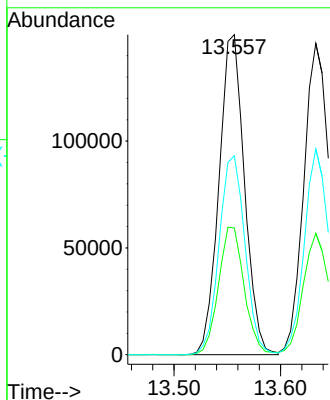
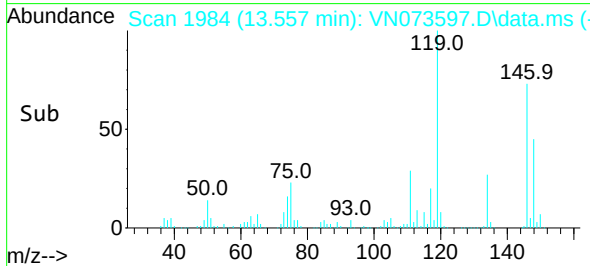
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



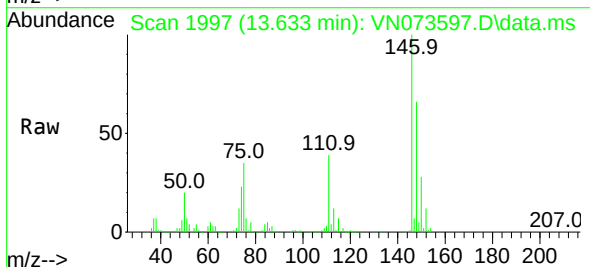
Tgt Ion:146 Resp: 24942
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.0 60.0
 148 63.1 32.0 96.0

Manual Integrations
 APPROVED

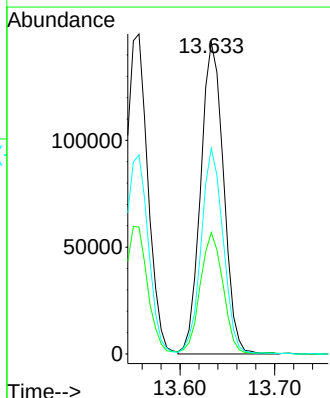
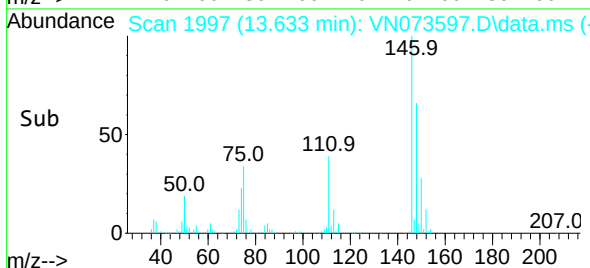
Reviewed By :John Carlone 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

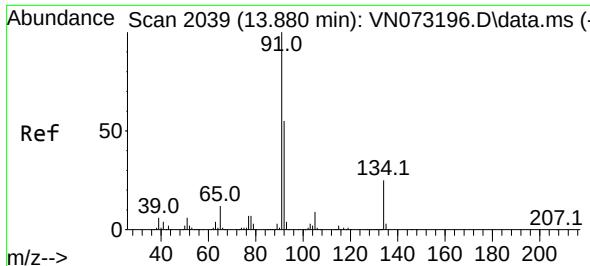


#88
 1,4-Dichlorobenzene
 Concen: 50.369 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073597.D
 Acq: 25 Jul 2022 22:33



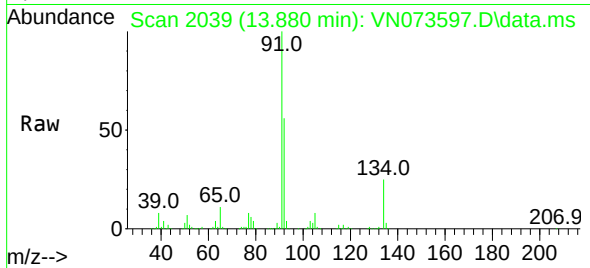
Tgt Ion:146 Resp: 245126
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 63.7 31.4 94.3





#89
n-Butylbenzene
Concen: 52.488 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

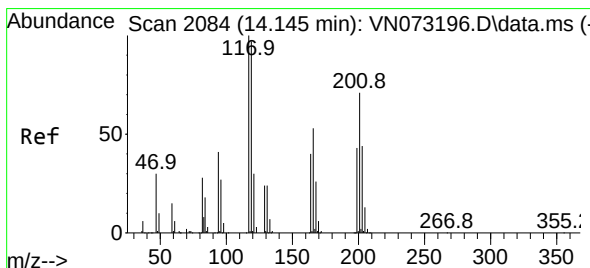
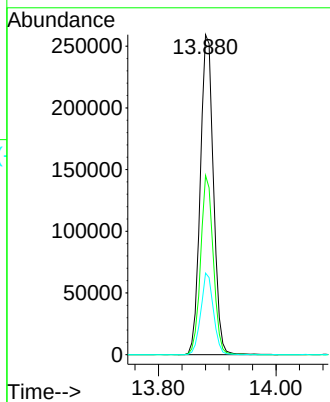
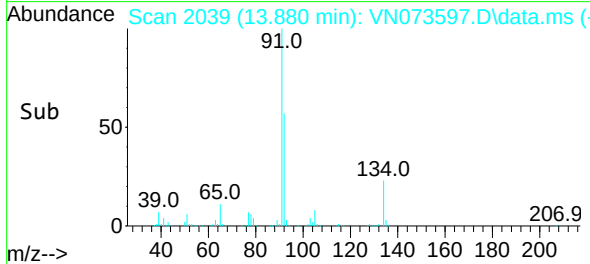
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



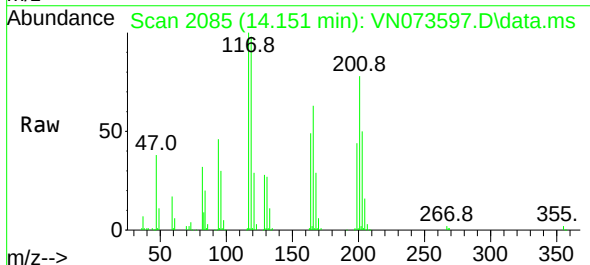
Tgt Ion: 91 Resp: 40371
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 24.5 13.6 40.8

Manual Integrations
APPROVED

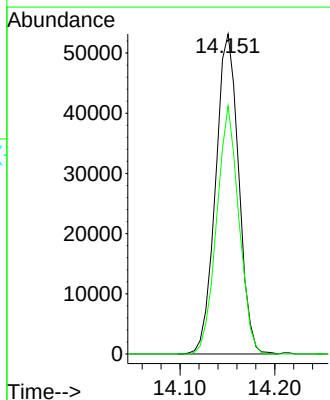
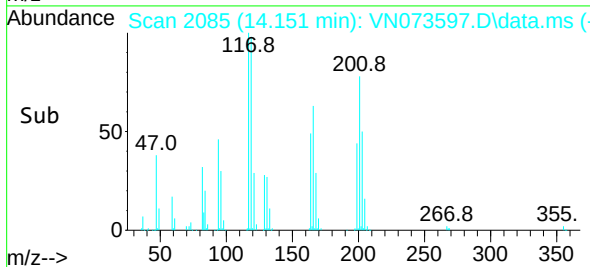
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

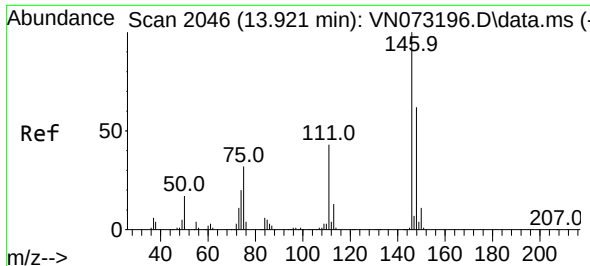


#90
Hexachloroethane
Concen: 52.297 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



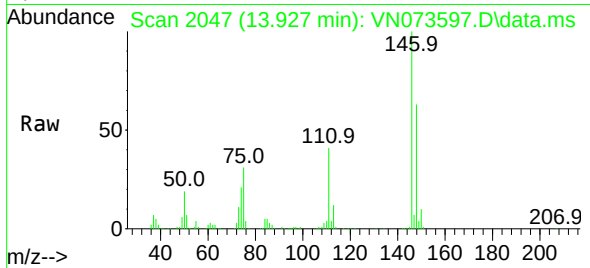
Tgt Ion:117 Resp: 89961
Ion Ratio Lower Upper
117 100
201 74.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 52.239 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

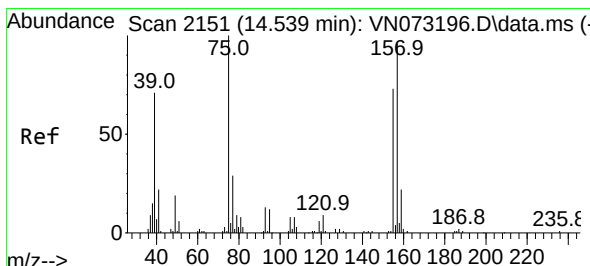
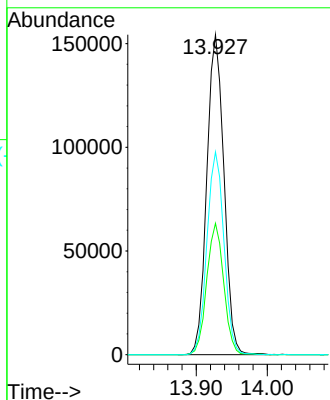
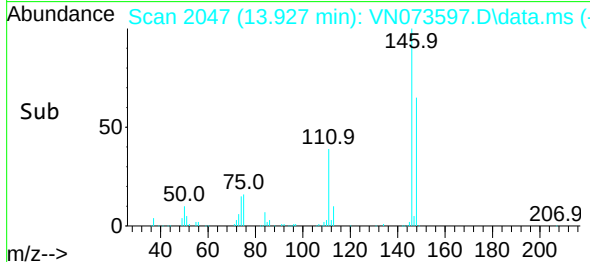
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



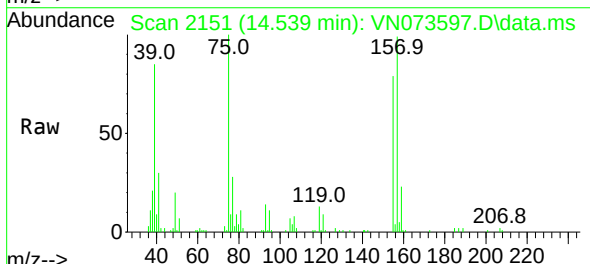
Tgt Ion:146 Resp: 258470
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 62.9 32.1 96.3

Manual Integrations
APPROVED

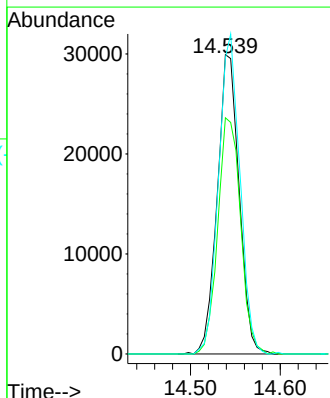
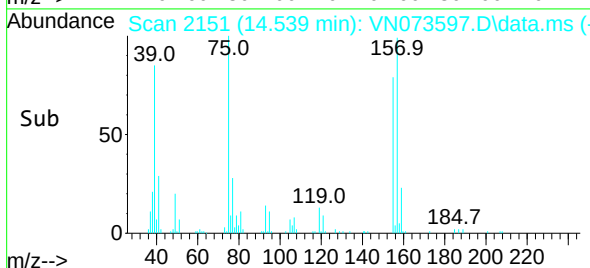
Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022

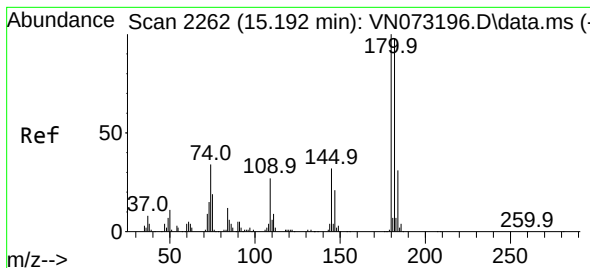


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.938 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion: 75 Resp: 50660
Ion Ratio Lower Upper
75 100
155 82.2 44.9 134.5
157 104.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 51.149 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073597.D

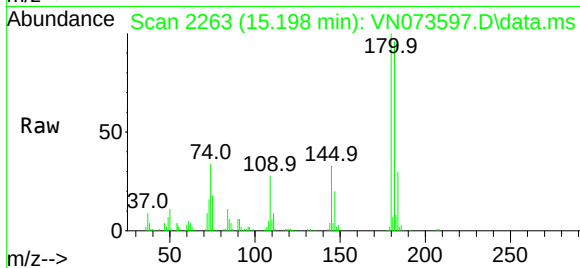
Acq: 25 Jul 2022 22:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 131774

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

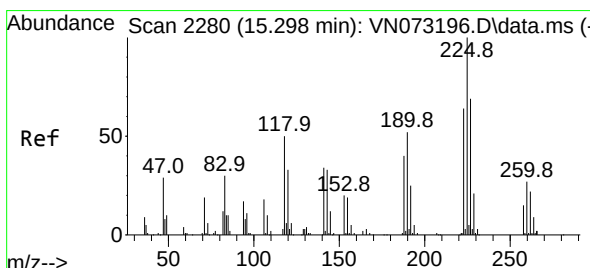
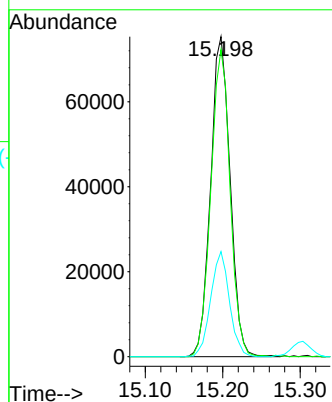
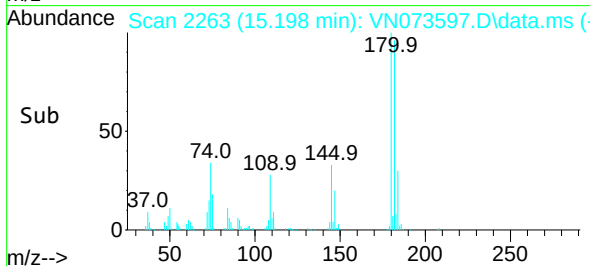
145 31.6 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/26/2022

Supervised By :Mahesh Dadoda 07/26/2022



#94

Hexachlorobutadiene

Concen: 53.611 ug/l

RT: 15.298 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN073597.D

Acq: 25 Jul 2022 22:33

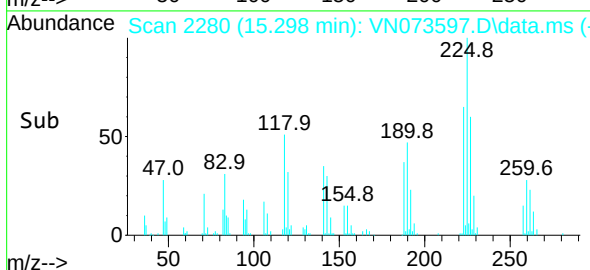
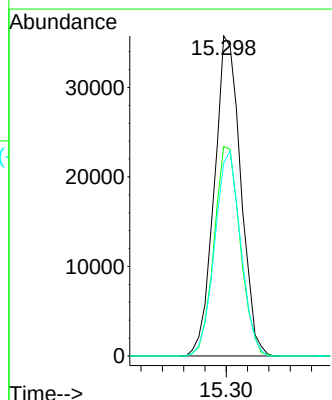
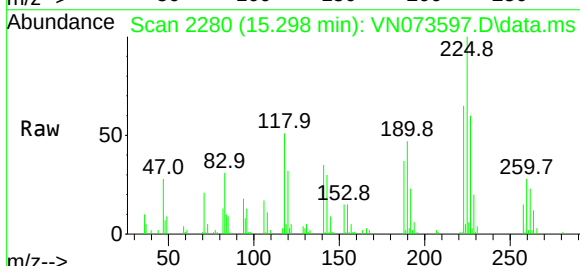
Tgt Ion:225 Resp: 61398

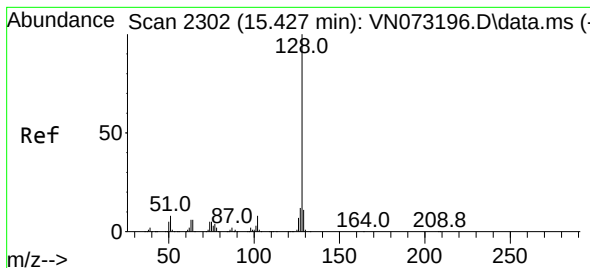
Ion Ratio Lower Upper

225 100

223 64.7 32.4 97.2

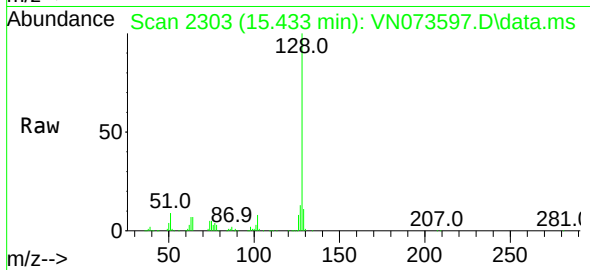
227 62.9 31.8 95.4





#95
Naphthalene
Concen: 47.193 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33

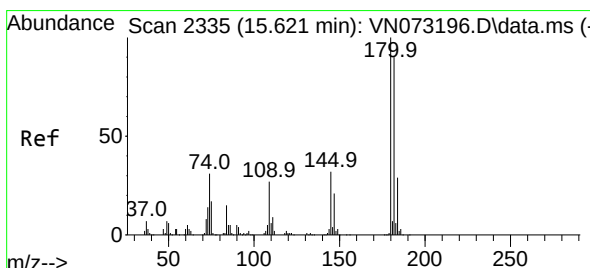
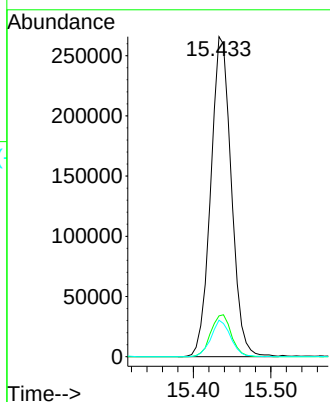
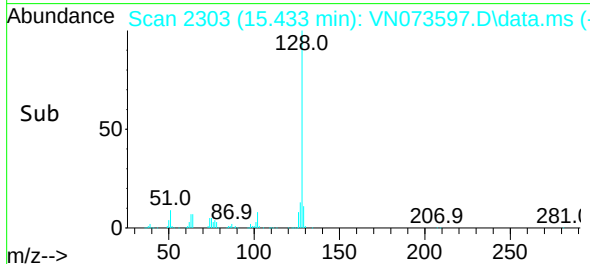
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



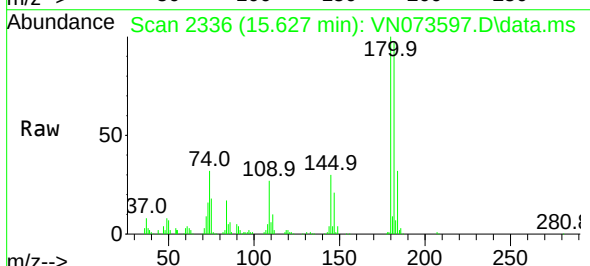
Tgt Ion:128 Resp: 490479
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.259 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073597.D
Acq: 25 Jul 2022 22:33



Tgt Ion:180 Resp: 136225
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 31.5 15.5 46.5

