

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073619.D
 Acq On : 28 Jul 2022 12:09
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 01:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	391646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	627036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	598380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	299392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223641	46.857	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.720%		
35) Dibromofluoromethane	7.951	113	190326	48.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.680%		
50) Toluene-d8	10.380	98	772356	49.848	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.700%		
62) 4-Bromofluorobenzene	12.674	95	253526	52.916	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	177664	47.517	ug/l	99
3) Chloromethane	2.269	50	241409	44.151	ug/l	100
4) Vinyl Chloride	2.404	62	310397	47.066	ug/l	98
5) Bromomethane	2.787	94	178880	46.425	ug/l	97
6) Chloroethane	2.957	64	201284	43.532	ug/l	99
7) Trichlorofluoromethane	3.310	101	333413	48.906	ug/l	98
8) Diethyl Ether	3.763	74	120437	48.172	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	174683	44.962	ug/l	100
10) Methyl Iodide	4.351	142	208819	54.223	ug/l	99
11) Tert butyl alcohol	5.292	59	257049	249.724	ug/l	99
12) 1,1-Dichloroethene	4.110	96	170931	46.903	ug/l	100
13) Acrolein	3.981	56	267259	261.897	ug/l	99
14) Allyl chloride	4.763	41	285372	47.320	ug/l	98
15) Acrylonitrile	5.475	53	700357	248.574	ug/l	99
16) Acetone	4.222	43	573621	224.389	ug/l	99
17) Carbon Disulfide	4.457	76	460332	46.050	ug/l	100
18) Methyl Acetate	4.781	43	296496	46.638	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	628894	50.402	ug/l	97
20) Methylene Chloride	5.010	84	213138	41.918	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	192688	47.757	ug/l	97
22) Diisopropyl ether	6.410	45	627400	50.176	ug/l	97
23) Vinyl Acetate	6.351	43	2759273	260.138	ug/l	100
24) 1,1-Dichloroethane	6.304	63	360767	46.678	ug/l	99
25) 2-Butanone	7.257	43	964218	240.815	ug/l	99
26) 2,2-Dichloropropane	7.251	77	282680	45.362	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	235967	47.833	ug/l	96
28) Bromochloromethane	7.586	49	162221	49.785	ug/l	96
29) Tetrahydrofuran	7.610	42	639162	252.579	ug/l	99
30) Chloroform	7.745	83	383394	46.862	ug/l	100
31) Cyclohexane	8.022	56	326404	45.935	ug/l	97
32) 1,1,1-Trichloroethane	7.945	97	326467	48.078	ug/l	99
36) 1,1-Dichloropropene	8.151	75	278795	49.657	ug/l	99
37) Ethyl Acetate	7.339	43	369892	52.222	ug/l	98
38) Carbon Tetrachloride	8.133	117	275501	48.964	ug/l	98
39) Methylcyclohexane	9.398	83	349292	52.840	ug/l	98
40) Benzene	8.392	78	890364	49.265	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	175071	52.645	ug/l	94
42) 1,2-Dichloroethane	8.463	62	293773	47.569	ug/l	98
43) Isopropyl Acetate	8.492	43	517037	52.114	ug/l	99
44) Trichloroethene	9.151	130	226750	49.777	ug/l	100
45) 1,2-Dichloropropane	9.428	63	221540	48.992	ug/l	100
46) Dibromomethane	9.510	93	156269	49.587	ug/l	98
47) Bromodichloromethane	9.698	83	296355	49.356	ug/l	99
48) Methyl methacrylate	9.498	41	226294	52.828	ug/l	92
49) 1,4-Dioxane	9.504	88	130665	1104.716	ug/l	95
51) 4-Methyl-2-Pentanone	10.275	43	1881364	267.330	ug/l	99
52) Toluene	10.445	92	578105	52.638	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	314733	52.738	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	352715	52.710	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	232439	49.625	ug/l	99
56) Ethyl methacrylate	10.704	69	365294	57.432	ug/l	98
57) 1,3-Dichloropropane	10.986	76	390039	49.979	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	804410	276.724	ug/l	98
59) 2-Hexanone	11.027	43	1475227	274.750	ug/l	100
60) Dibromochloromethane	11.180	129	240413	51.569	ug/l	100
61) 1,2-Dibromoethane	11.286	107	244315	51.477	ug/l	99
64) Tetrachloroethene	10.916	164	222931	47.059	ug/l	97
65) Chlorobenzene	11.710	112	615392	48.320	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	225525	50.050	ug/l	99
67) Ethyl Benzene	11.786	91	1107766	52.266	ug/l	100
68) m/p-Xylenes	11.898	106	853334	104.972	ug/l	99
69) o-Xylene	12.221	106	425739	53.970	ug/l	99
70) Styrene	12.233	104	701263	55.565	ug/l	99
71) Bromoform	12.398	173	193414	52.866	ug/l #	100
73) Isopropylbenzene	12.521	105	1093539	49.705	ug/l	100
74) N-amyl acetate	12.327	43	421781	51.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	373363	44.038	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	283216m	39.923	ug/l	
77) Bromobenzene	12.798	156	270971	47.671	ug/l	98
78) n-propylbenzene	12.863	91	1261440	51.682	ug/l	99
79) 2-Chlorotoluene	12.951	91	743566	48.760	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	911032	50.862	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	114129	49.401	ug/l	99
82) 4-Chlorotoluene	13.045	91	718714	49.215	ug/l	98
83) tert-Butylbenzene	13.263	119	827453	52.334	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	917611	52.225	ug/l	100
85) sec-Butylbenzene	13.439	105	1153737	52.950	ug/l	100
86) p-Isopropyltoluene	13.557	119	953915	55.395	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	492868	48.202	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	489759	46.946	ug/l	98
89) n-Butylbenzene	13.880	91	757007	53.597	ug/l	99
90) Hexachloroethane	14.151	117	166883	47.238	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	500963	47.535	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	81217	48.613	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	279669	53.684	ug/l	99
94) Hexachlorobutadiene	15.304	225	137970	48.623	ug/l	99
95) Naphthalene	15.433	128	959273	56.619	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	289282	53.067	ug/l	99

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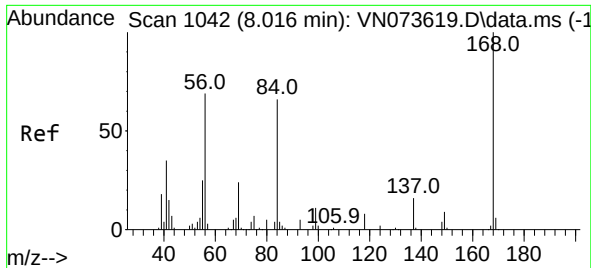
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

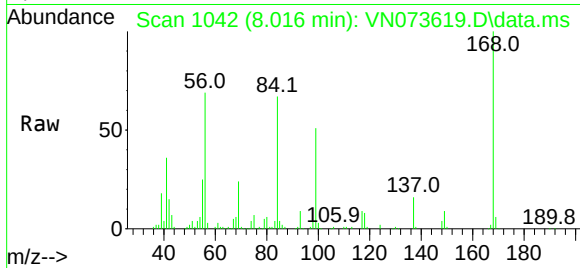
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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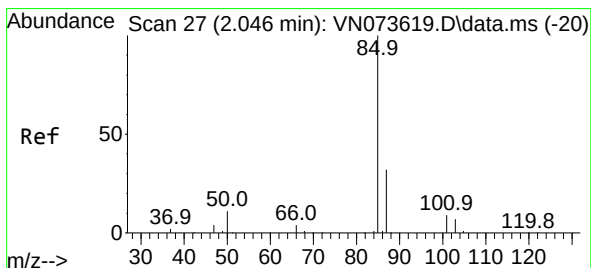
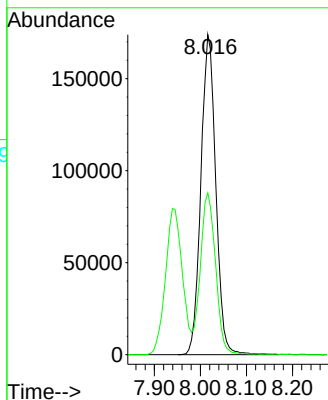
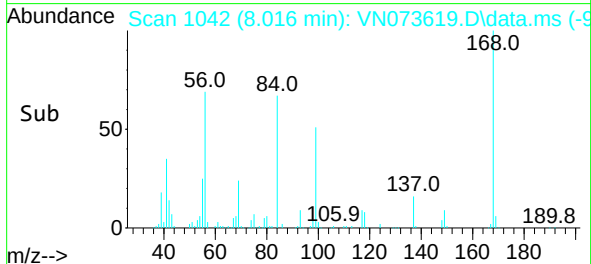
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



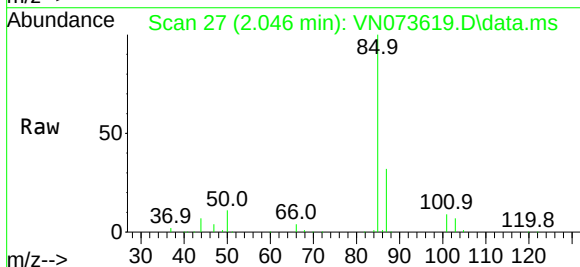
Tgt Ion:168 Resp: 391640
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5

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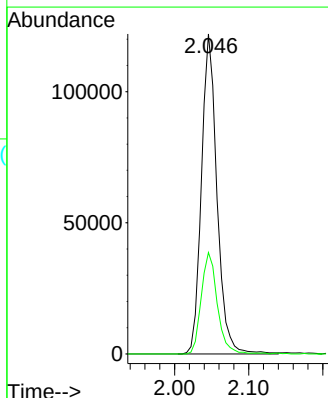
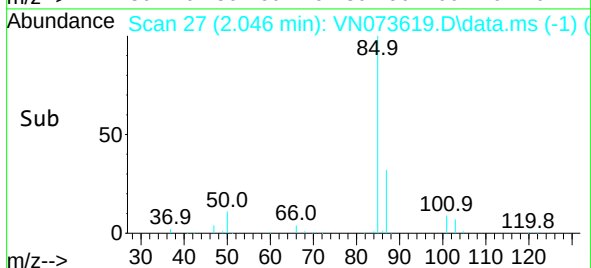
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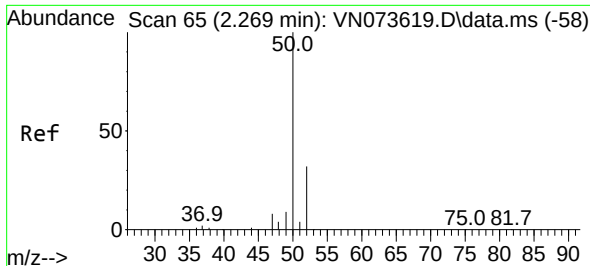


#2
Dichlorodifluoromethane
Concen: 47.517 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



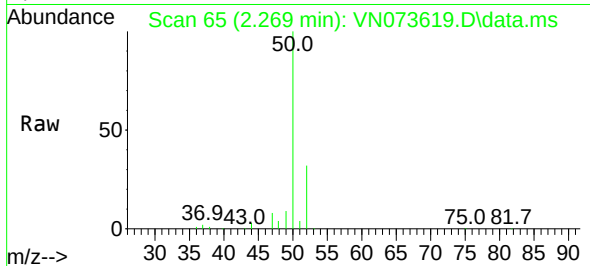
Tgt Ion: 85 Resp: 177664
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1





#3
Chloromethane
Concen: 44.151 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

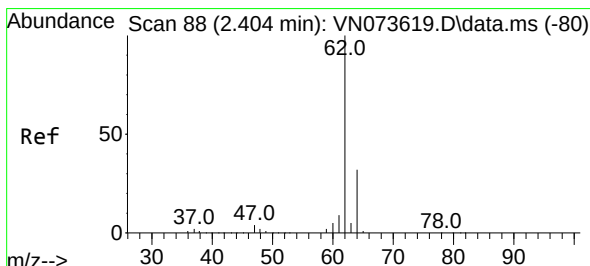
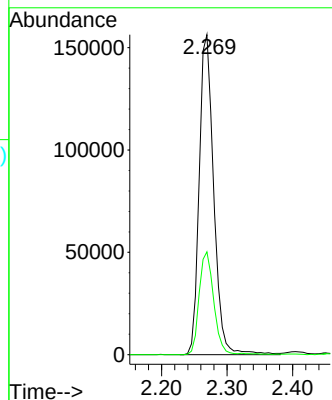
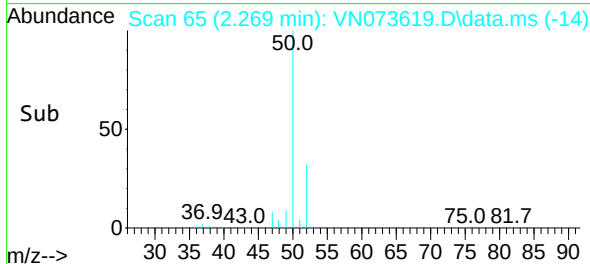
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Tgt Ion: 50 Resp: 241409
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

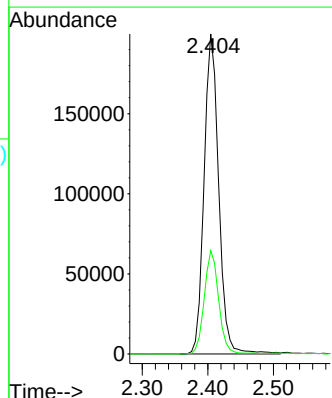
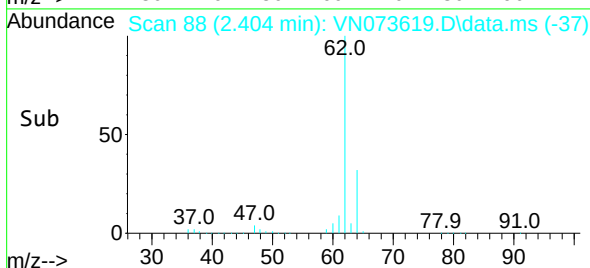
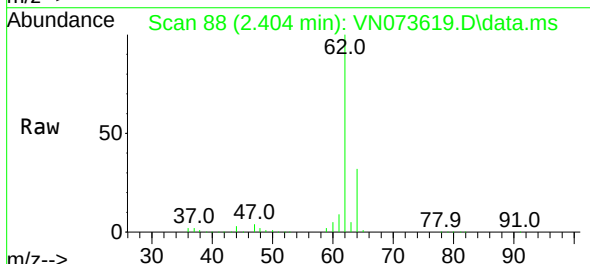
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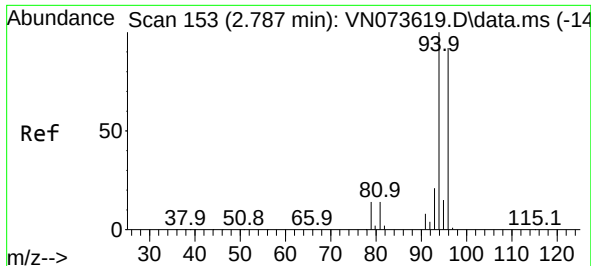
Reviewed By :John Carlone 07/29/2022
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#4
Vinyl Chloride
Concen: 47.066 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

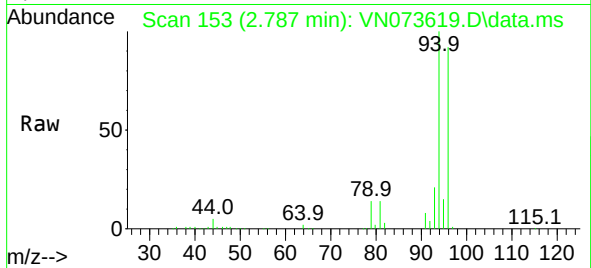
Tgt Ion: 62 Resp: 310397
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5
Bromomethane
Concen: 46.425 ug/l
RT: 2.787 min Scan# 153
Delta R.T. 0.000 min
Lab File: VN073619.D
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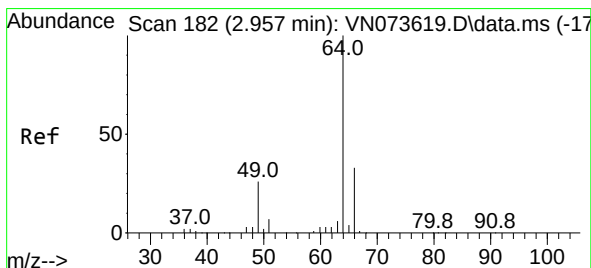
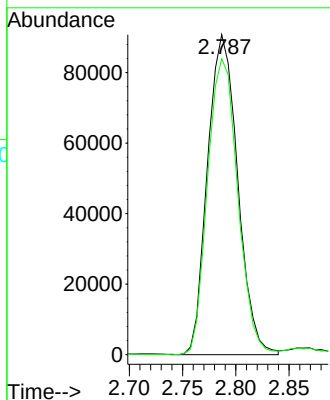
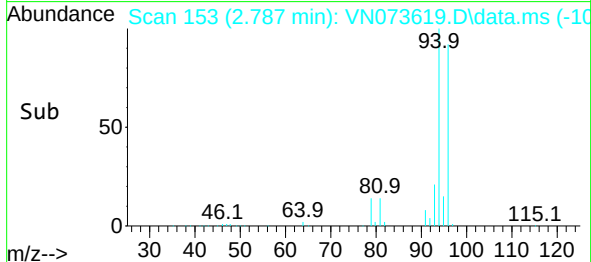
Instrument :
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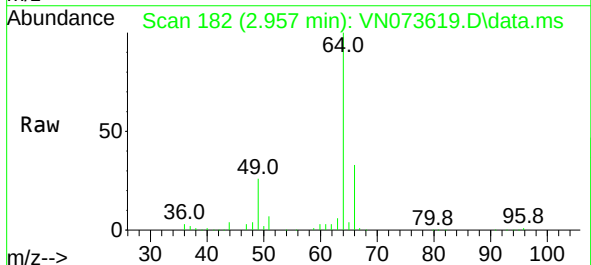
Tgt Ion: 94 Resp: 178880
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0

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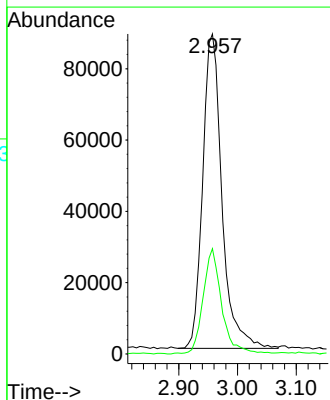
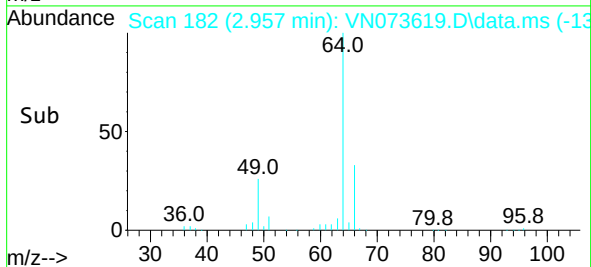
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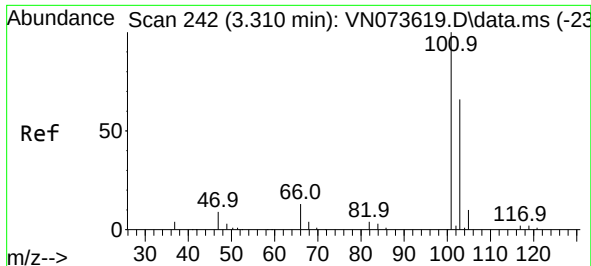


#6
Chloroethane
Concen: 43.532 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion: 64 Resp: 201284
Ion Ratio Lower Upper
64 100
66 33.2 26.2 39.4





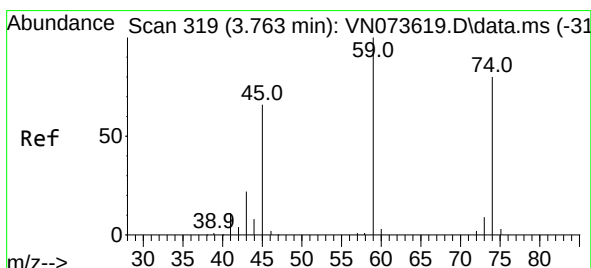
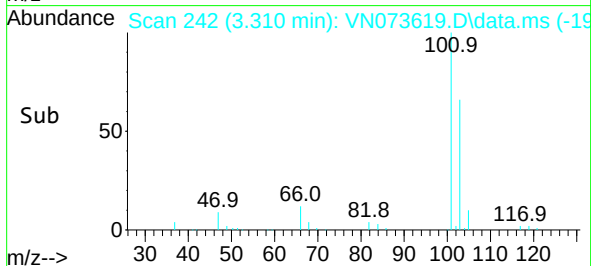
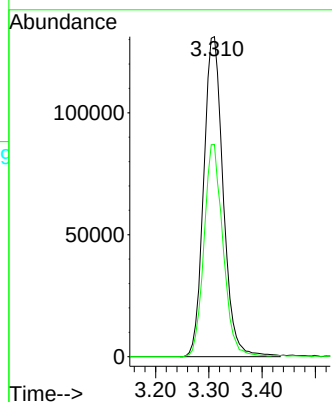
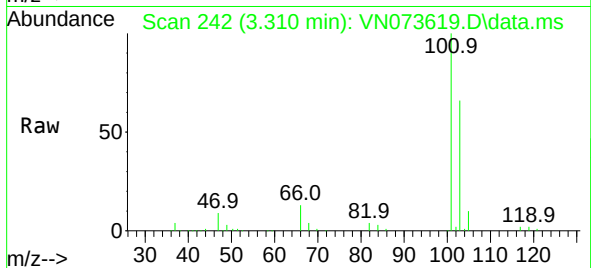
#7
Trichlorofluoromethane
Concen: 48.906 ug/l
RT: 3.310 min Scan# 242
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 33341
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

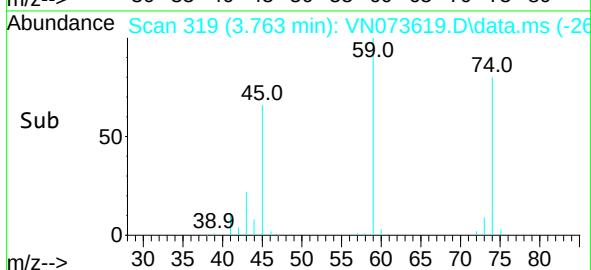
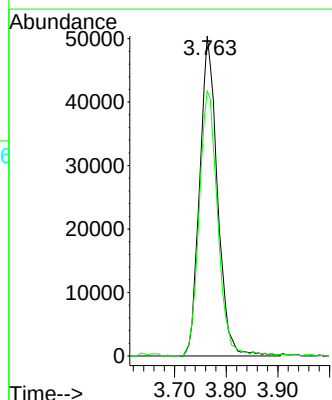
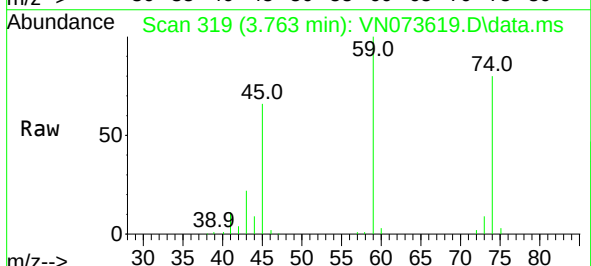
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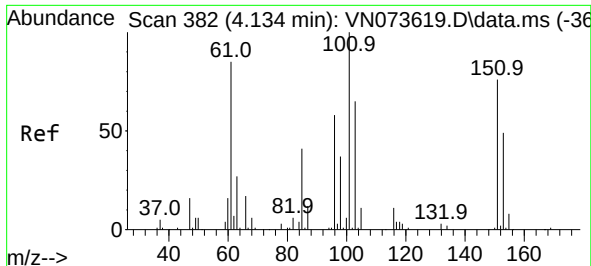
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#8
Diethyl Ether
Concen: 48.172 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 120437
Ion Ratio Lower Upper
74 100
45 85.5 42.9 128.5





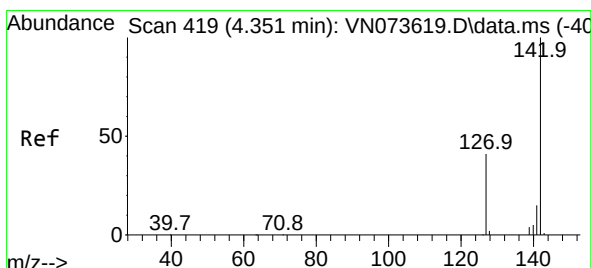
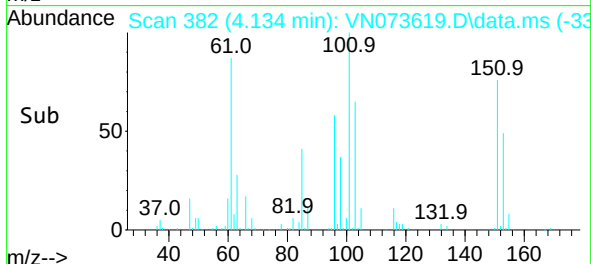
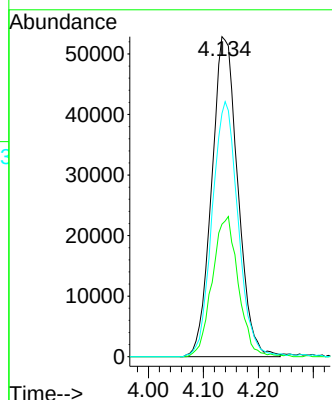
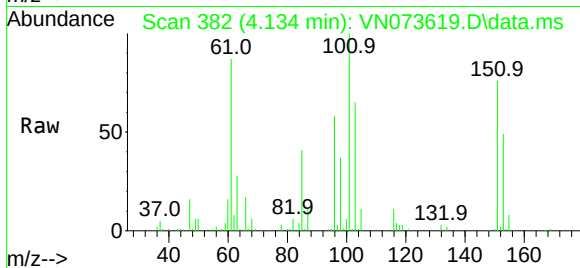
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.962 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 17468
Ion Ratio Lower Upper
101 100
85 43.6 34.7 52.1
151 79.0 63.0 94.4

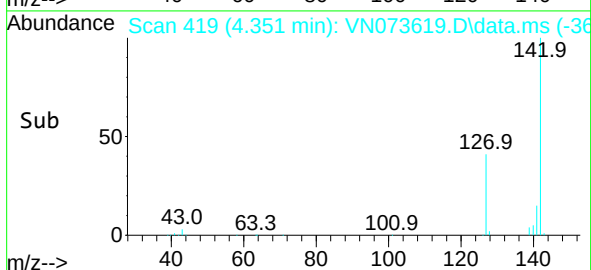
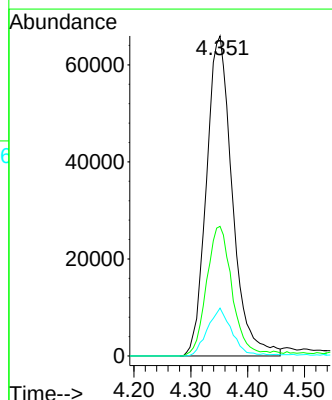
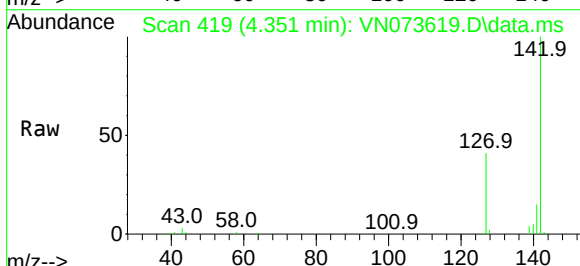
Manual Integrations
APPROVED

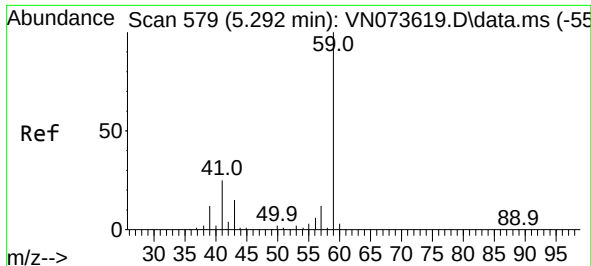
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#10
Methyl Iodide
Concen: 54.223 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

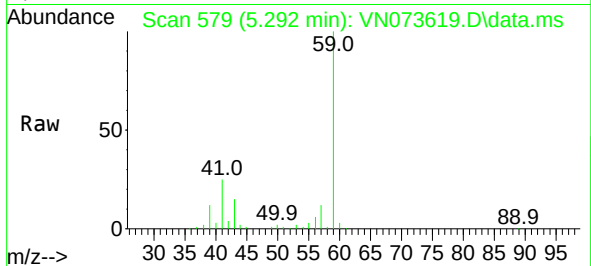
Tgt Ion:142 Resp: 208819
Ion Ratio Lower Upper
142 100
127 40.1 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 249.724 ug/l
RT: 5.292 min Scan# 579
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

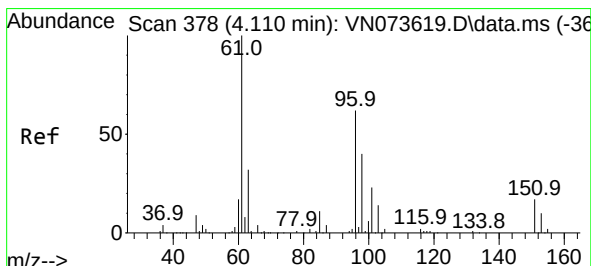
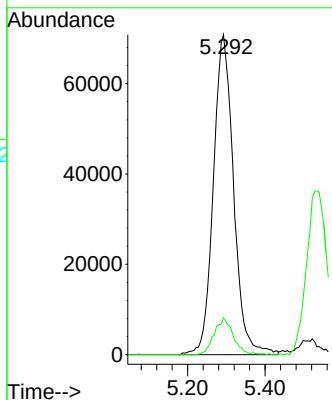
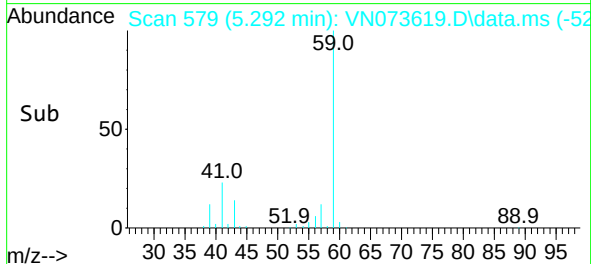
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



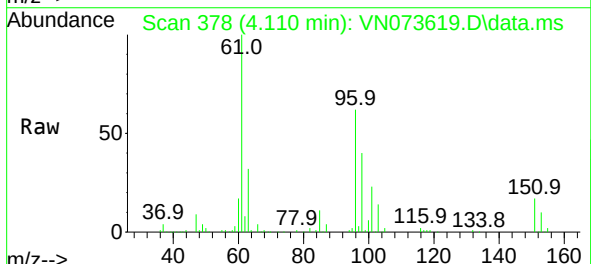
Tgt Ion: 59 Resp: 257049
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

Manual Integrations
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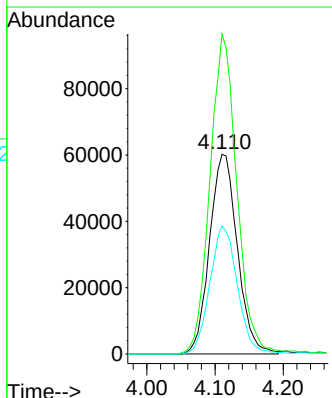
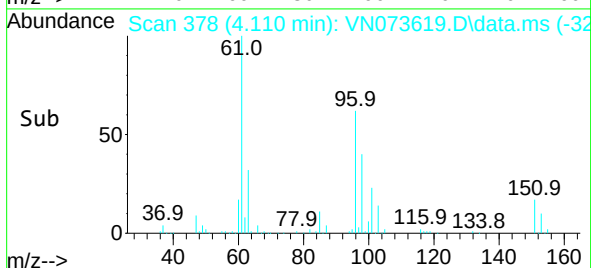
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

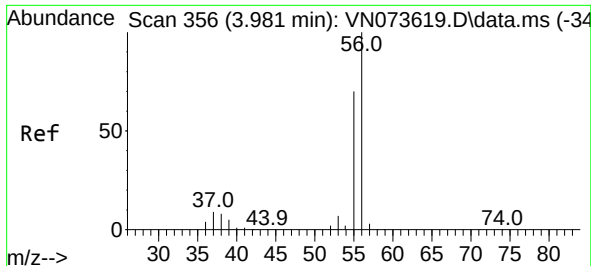


#12
1,1-Dichloroethene
Concen: 46.903 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



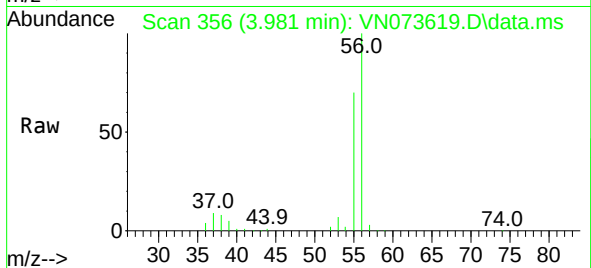
Tgt Ion: 96 Resp: 170931
Ion Ratio Lower Upper
96 100
61 160.2 127.6 191.4
98 64.2 51.2 76.8





#13
Acrolein
Concen: 261.897 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

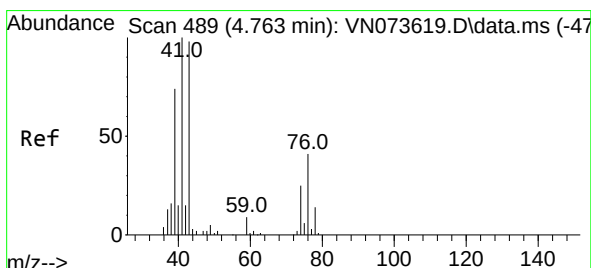
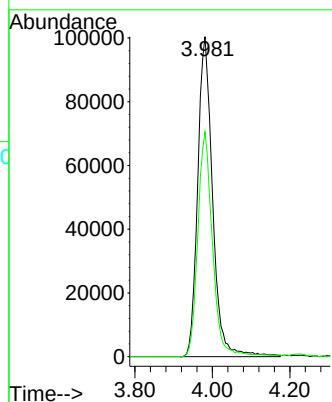
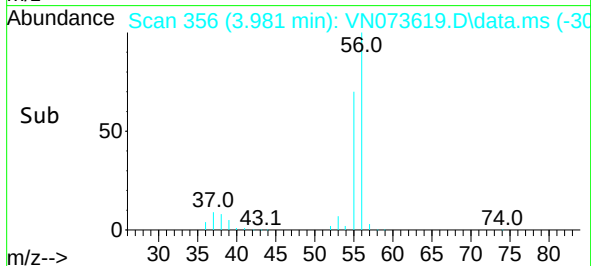
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 267259
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

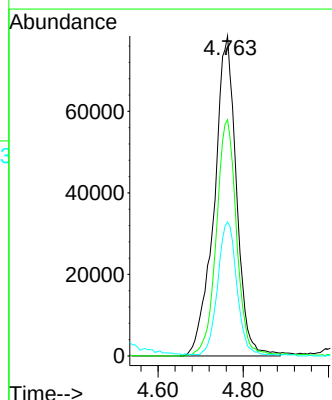
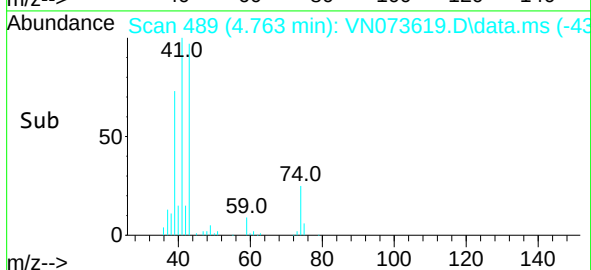
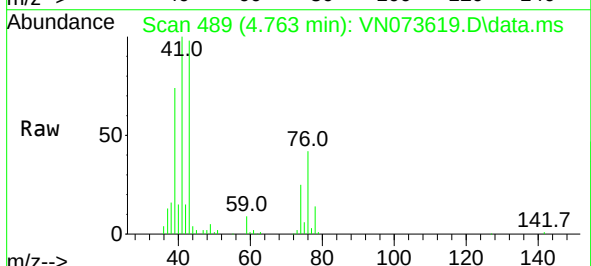
Manual Integrations
APPROVED

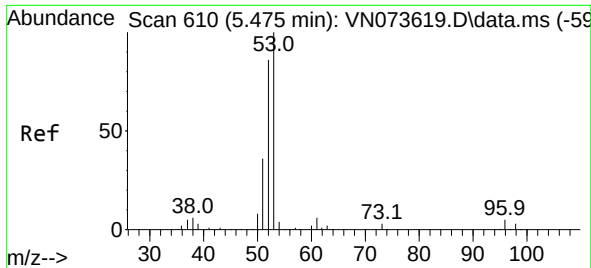
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#14
Allyl chloride
Concen: 47.320 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

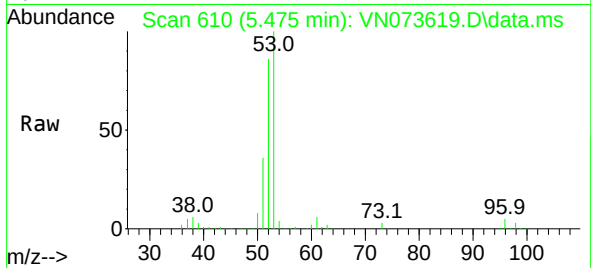
Tgt Ion: 41 Resp: 285372
Ion Ratio Lower Upper
41 100
39 67.2 53.2 79.8
76 35.2 29.9 44.9





#15
Acrylonitrile
Concen: 248.574 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

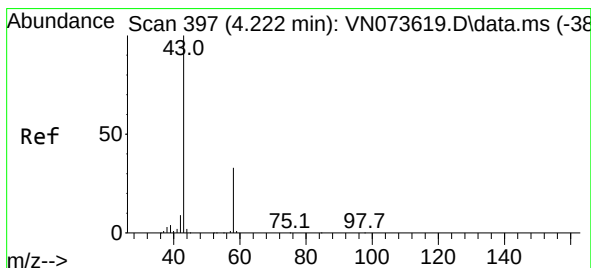
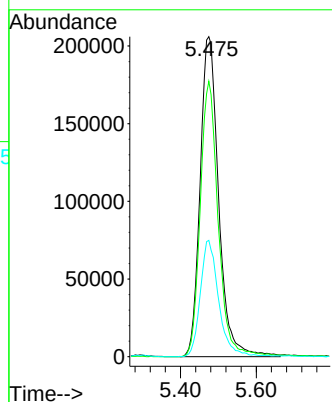
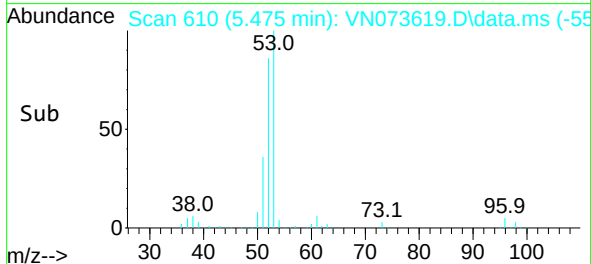
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 70035
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 35.7 28.5 42.7

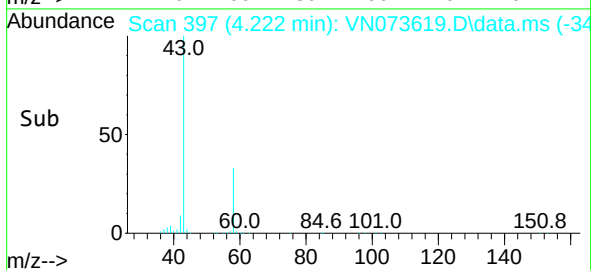
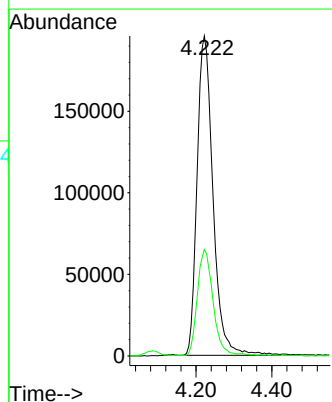
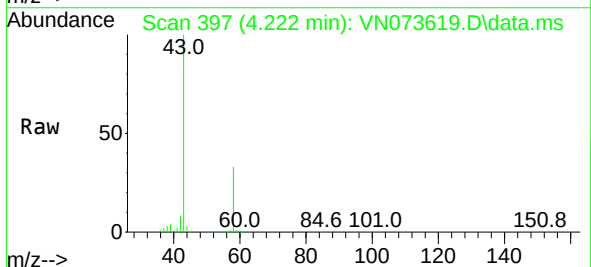
Manual Integrations
APPROVED

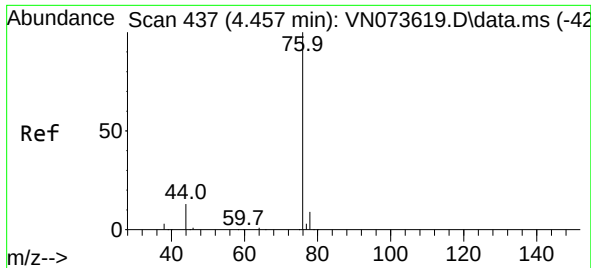
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#16
Acetone
Concen: 224.389 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

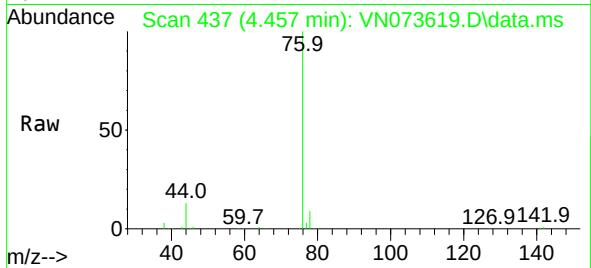
Tgt Ion: 43 Resp: 573621
Ion Ratio Lower Upper
43 100
58 33.2 26.0 39.0





#17
Carbon Disulfide
Concen: 46.050 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

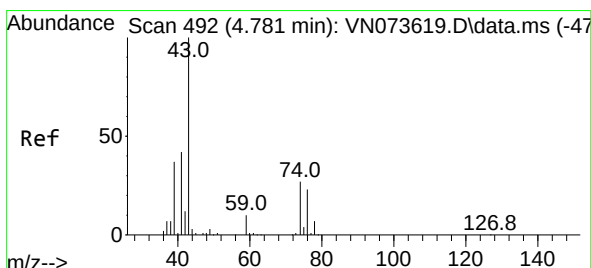
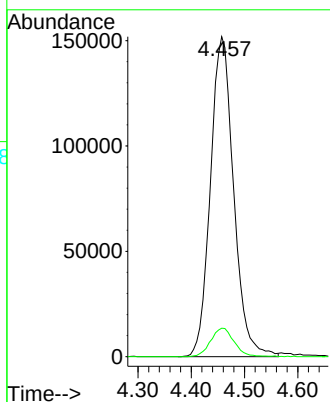
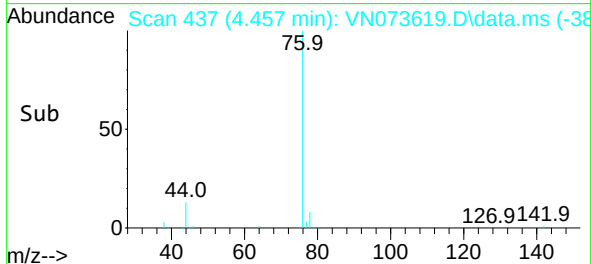
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 460332
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

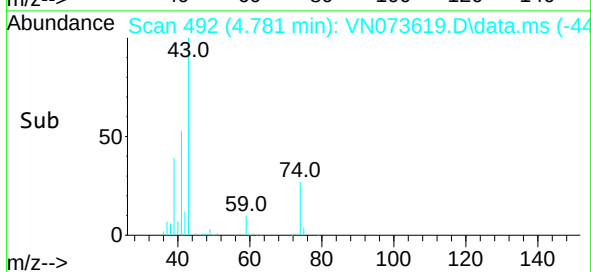
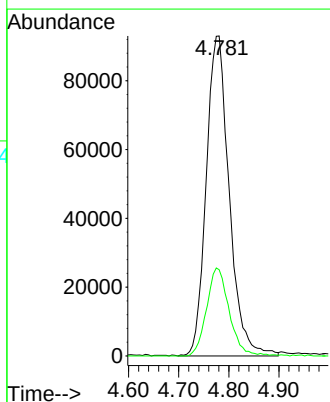
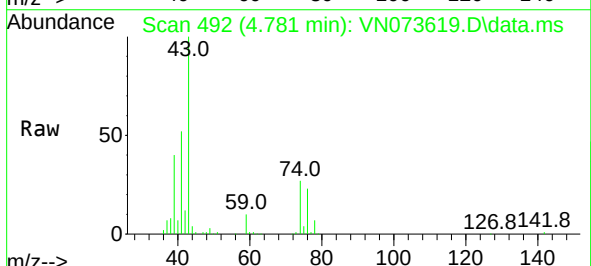
Manual Integrations
APPROVED

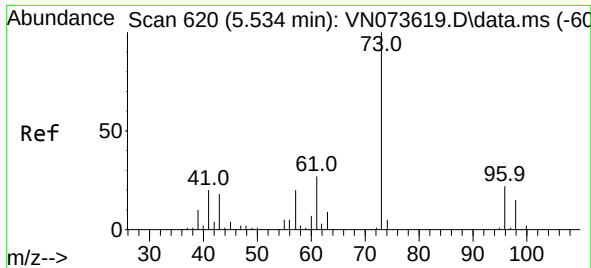
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#18
Methyl Acetate
Concen: 46.638 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Tgt Ion: 43 Resp: 296496
Ion Ratio Lower Upper
43 100
74 27.0 21.6 32.4





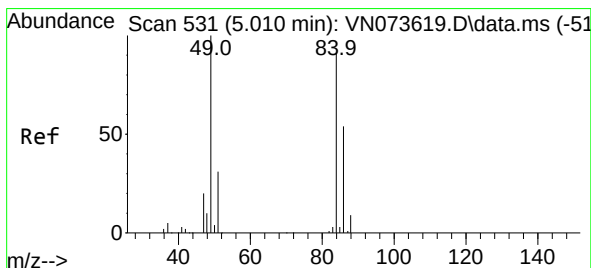
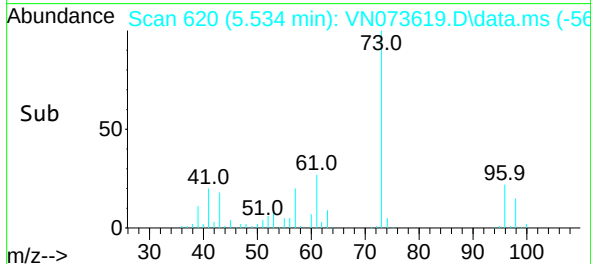
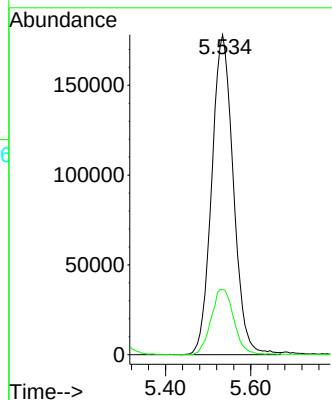
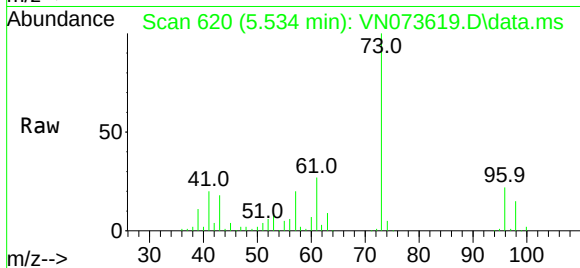
#19
Methyl tert-butyl Ether
Concen: 50.402 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 628894
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4

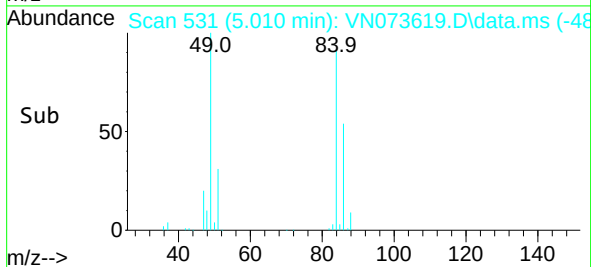
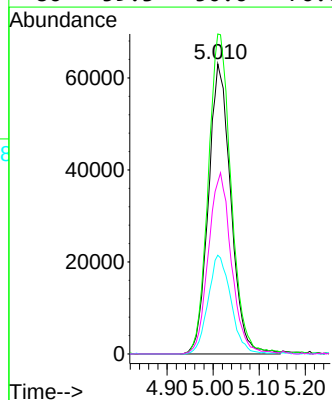
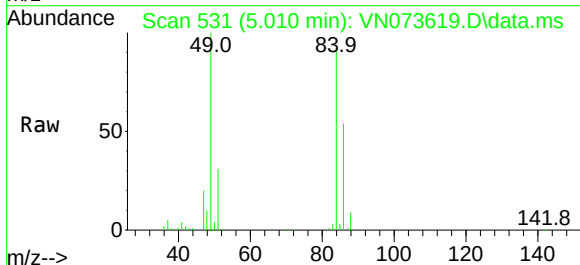
Manual Integrations
APPROVED

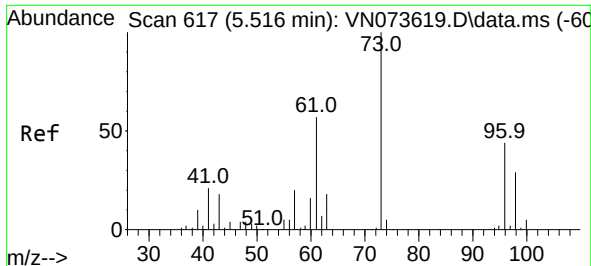
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#20
Methylene Chloride
Concen: 41.918 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

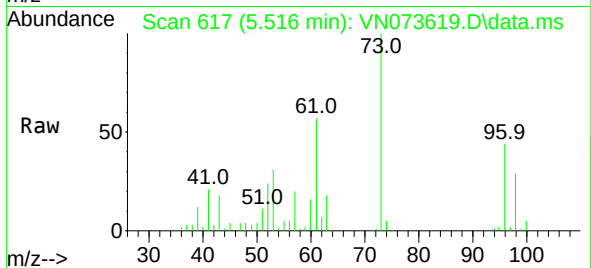
Tgt Ion: 84 Resp: 213138
Ion Ratio Lower Upper
84 100
49 110.3 88.3 132.5
51 34.0 28.2 42.2
86 59.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.757 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

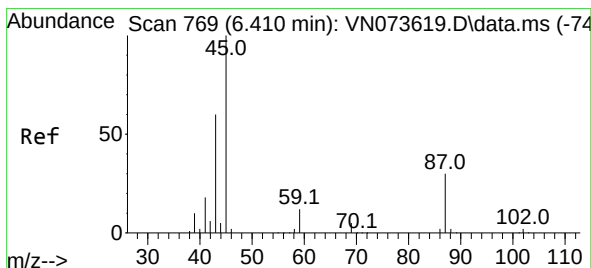
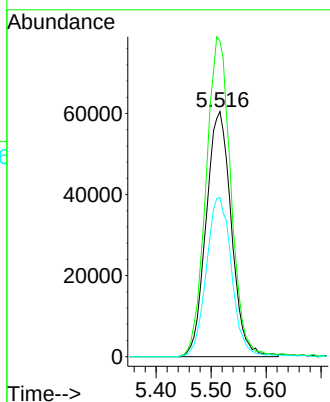
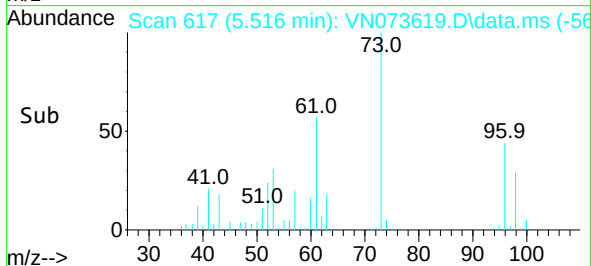
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



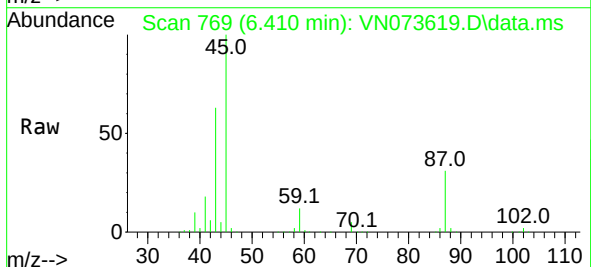
Tgt Ion: 96 Resp: 192688
Ion Ratio Lower Upper
96 100
61 128.6 105.8 158.8
98 64.9 50.3 75.5

Manual Integrations
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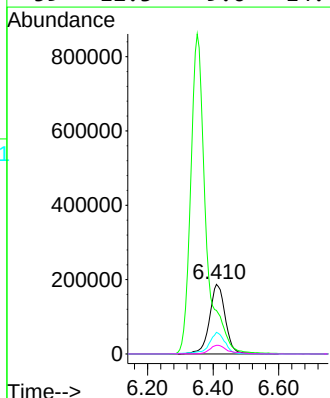
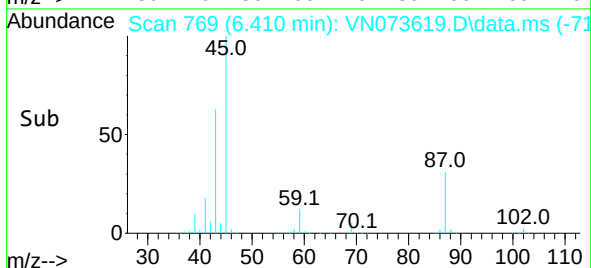
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

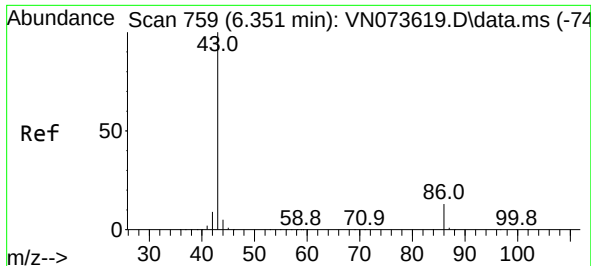


#22
Diisopropyl ether
Concen: 50.176 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



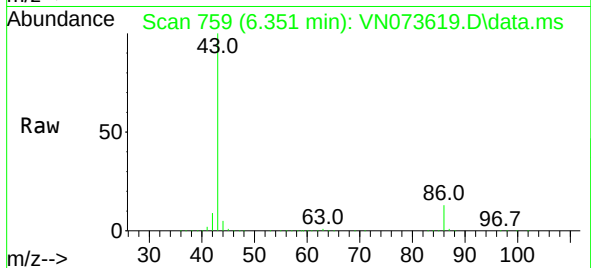
Tgt Ion: 45 Resp: 627400
Ion Ratio Lower Upper
45 100
43 61.7 46.6 70.0
87 30.9 24.3 36.5
59 12.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 260.138 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073619.D
 Acq: 28 Jul 2022 12:09

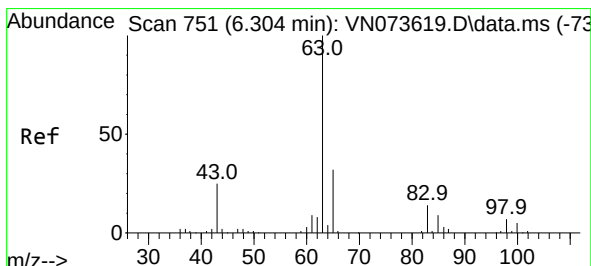
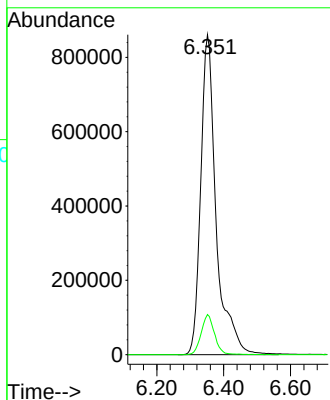
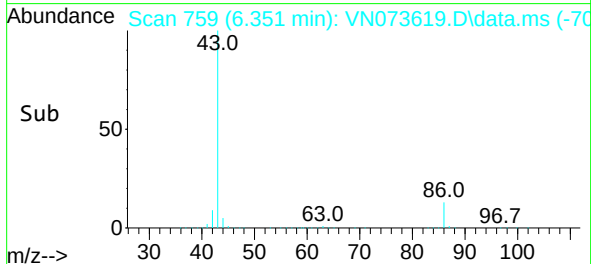
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



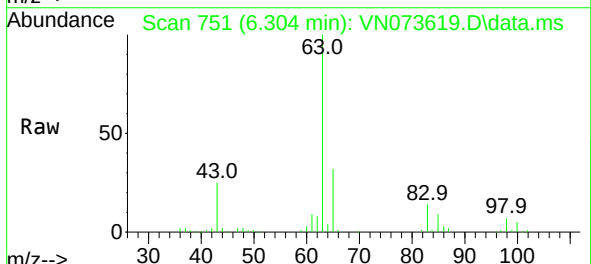
Tgt Ion: 43 Resp: 275927
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

Manual Integrations
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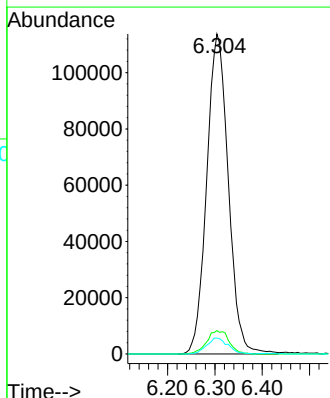
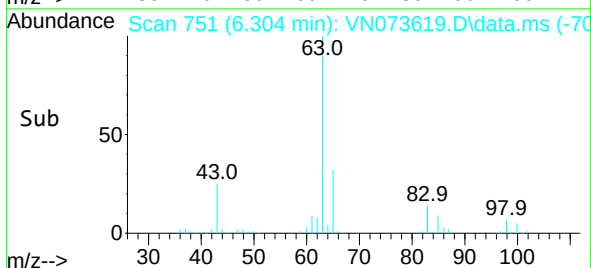
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

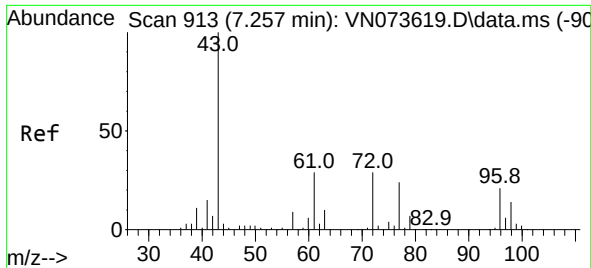


#24
 1,1-Dichloroethane
 Concen: 46.678 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073619.D
 Acq: 28 Jul 2022 12:09



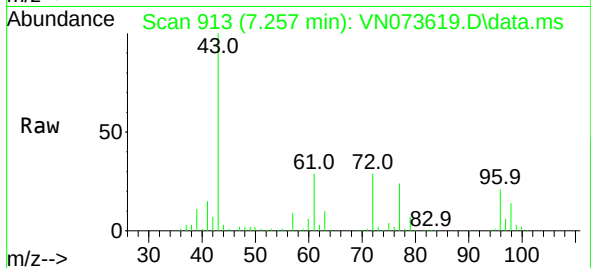
Tgt Ion: 63 Resp: 360767
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 240.815 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

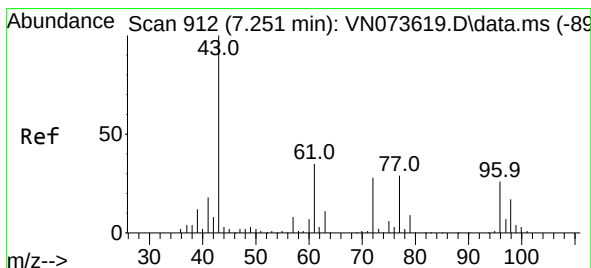
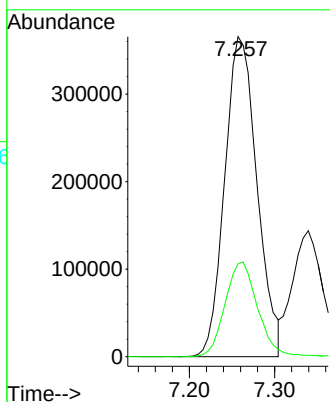
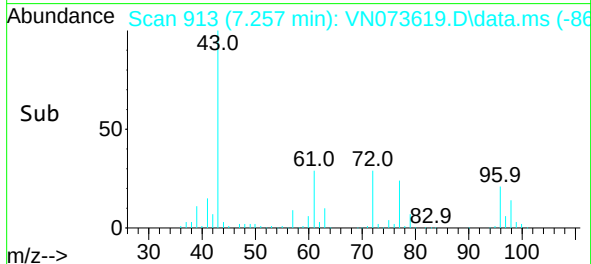
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



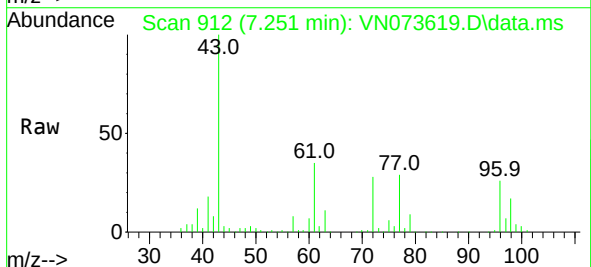
Tgt Ion: 43 Resp: 964218
Ion Ratio Lower Upper
43 100
72 29.1 23.7 35.5

Manual Integrations
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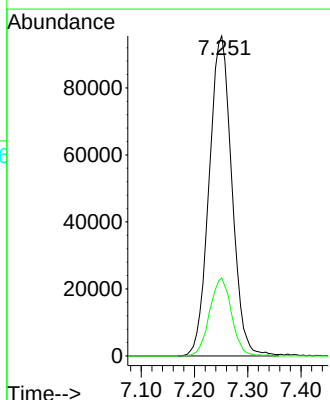
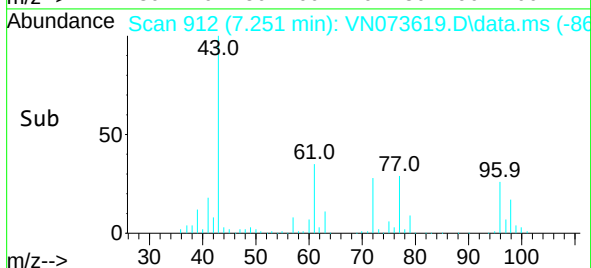
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

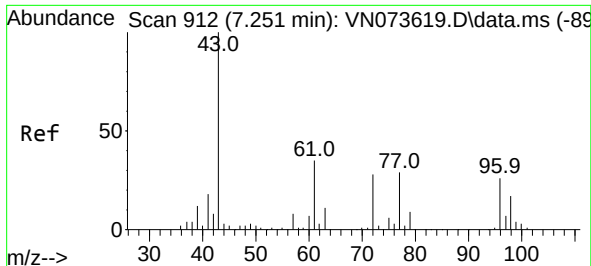


#26
2,2-Dichloropropane
Concen: 45.362 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



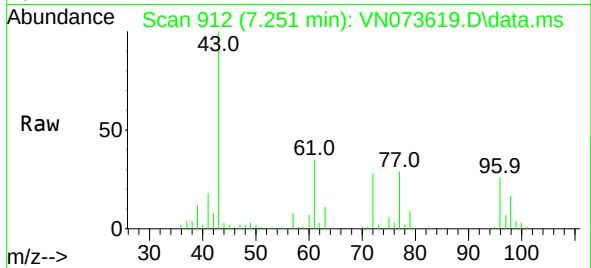
Tgt Ion: 77 Resp: 282680
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 47.833 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN073619.D
 Acq: 28 Jul 2022 12:09

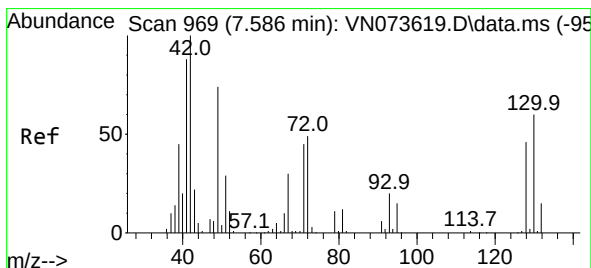
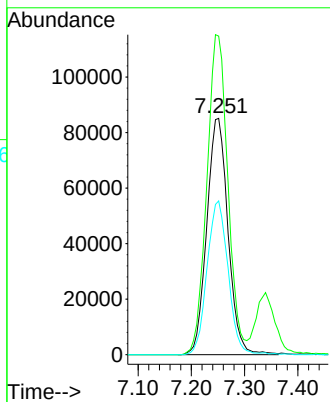
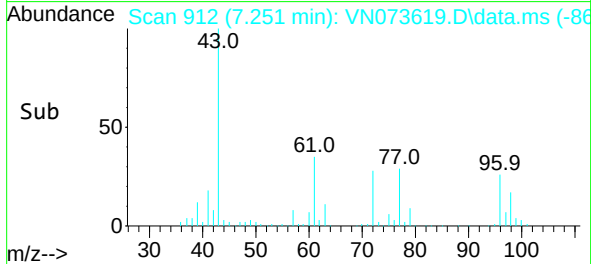
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 23596
 Ion Ratio Lower Upper
 96 100
 61 133.9 0.0 280.6
 98 64.1 0.0 128.4

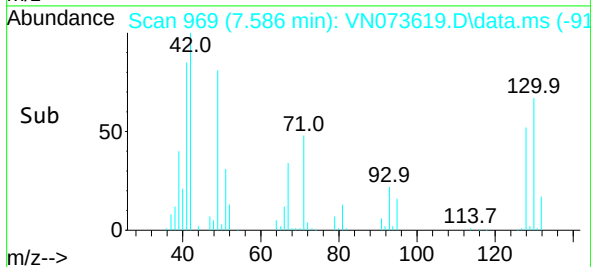
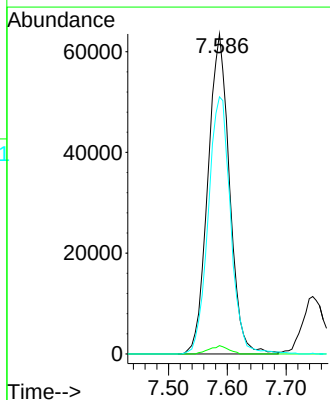
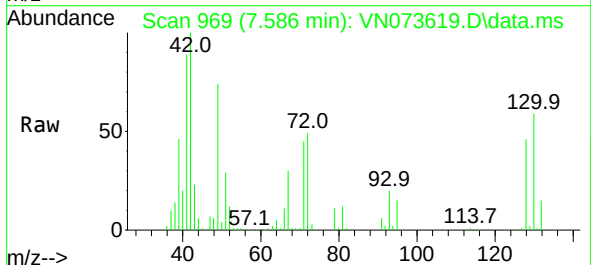
Manual Integrations
 APPROVED

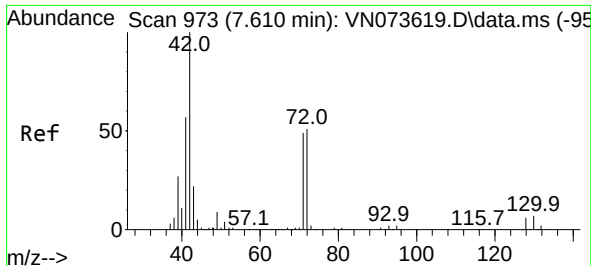
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#28
 Bromochloromethane
 Concen: 49.785 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073619.D
 Acq: 28 Jul 2022 12:09

Tgt Ion: 49 Resp: 162221
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 83.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 252.579 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 63916

Ion Ratio Lower Upper

42 100

72 49.6 39.7 59.5

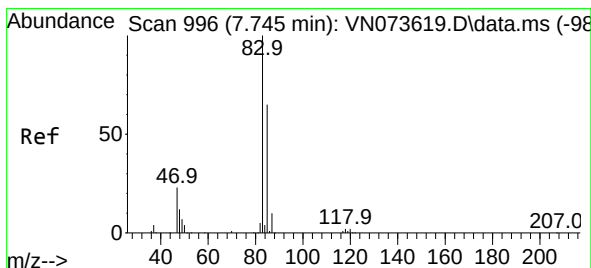
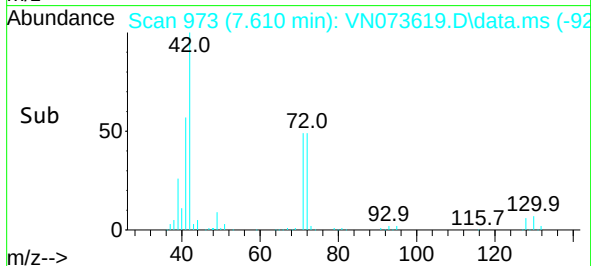
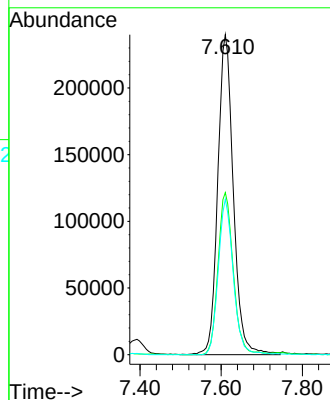
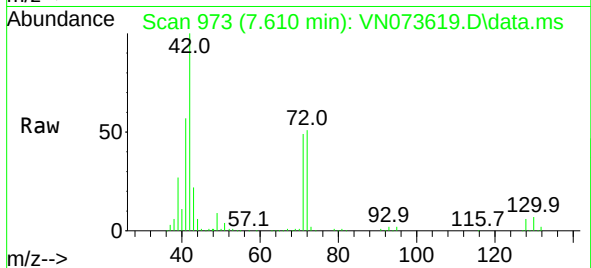
71 46.8 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#30

Chloroform

Concen: 46.862 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073619.D

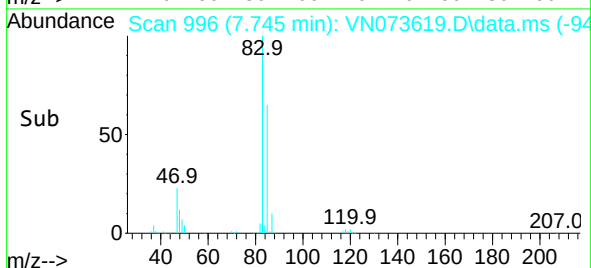
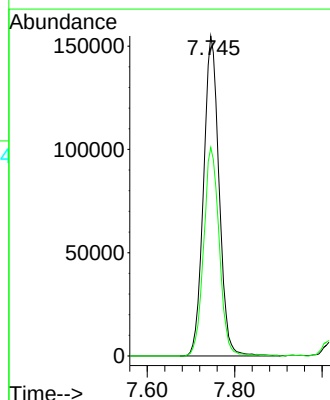
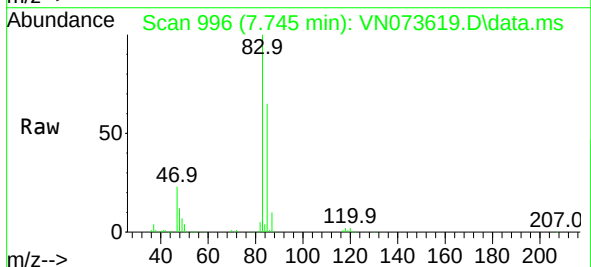
Acq: 28 Jul 2022 12:09

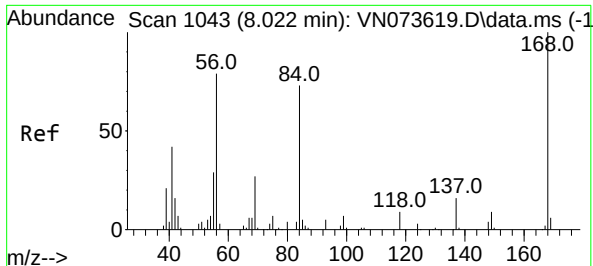
Tgt Ion: 83 Resp: 383394

Ion Ratio Lower Upper

83 100

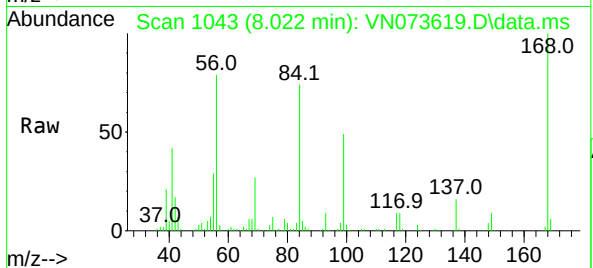
85 65.1 51.8 77.8





#31
Cyclohexane
Concen: 45.935 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

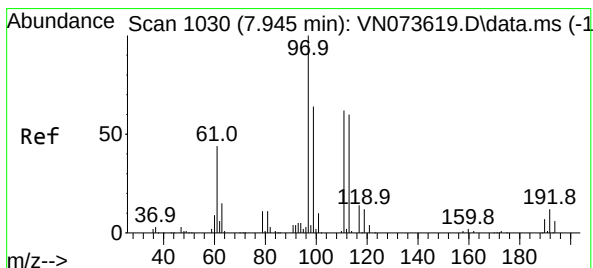
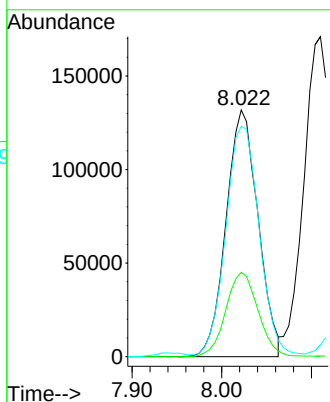
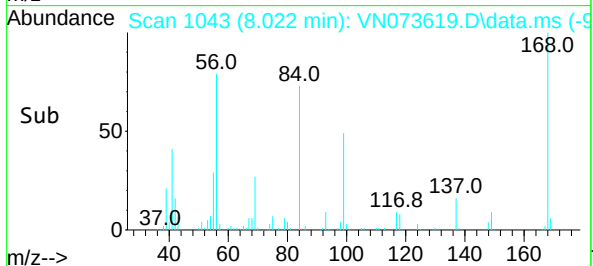
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



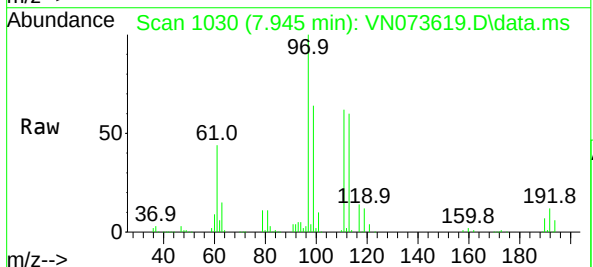
Tgt Ion: 56 Resp: 326404
Ion Ratio Lower Upper
56 100
69 34.2 27.8 41.8
84 92.0 76.9 115.3

Manual Integrations
APPROVED

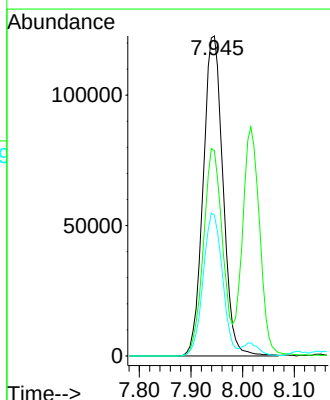
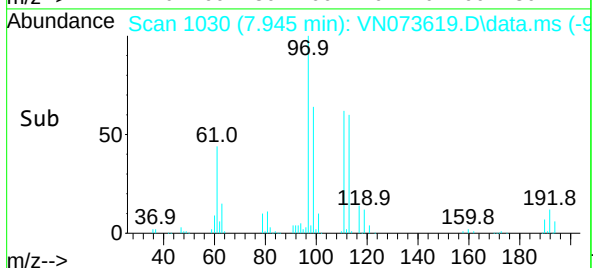
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

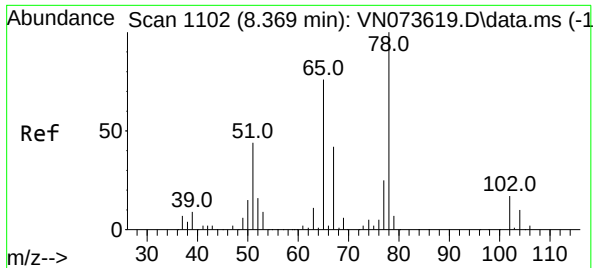


#32
1,1,1-Trichloroethane
Concen: 48.078 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion: 97 Resp: 326467
Ion Ratio Lower Upper
97 100
99 62.5 50.6 76.0
61 43.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 46.857 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 22364

Ion Ratio Lower Upper

65 100

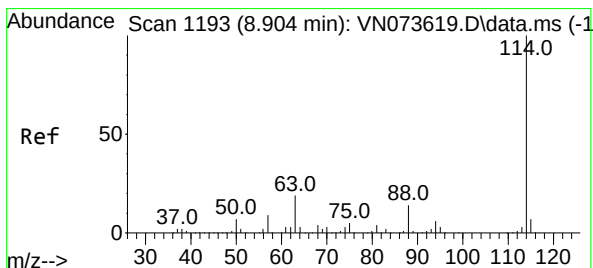
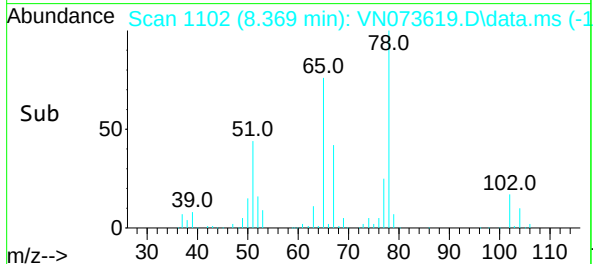
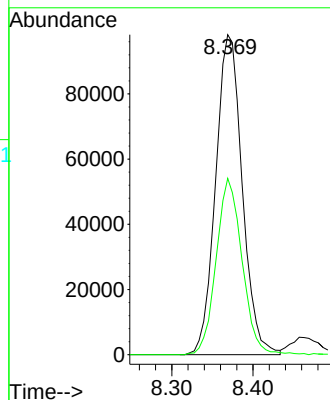
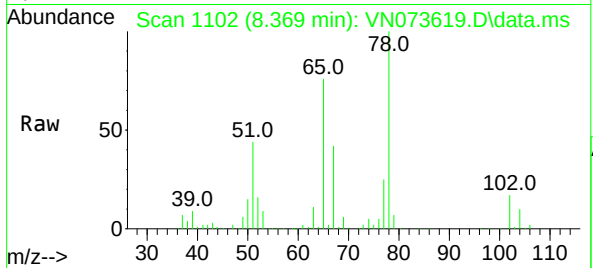
67 53.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

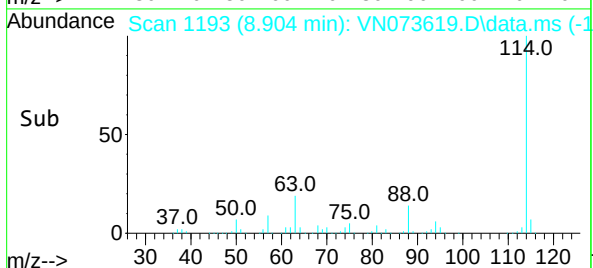
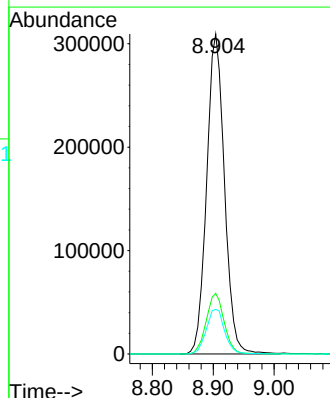
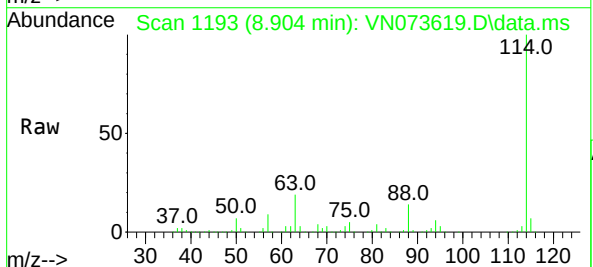
Tgt Ion:114 Resp: 627036

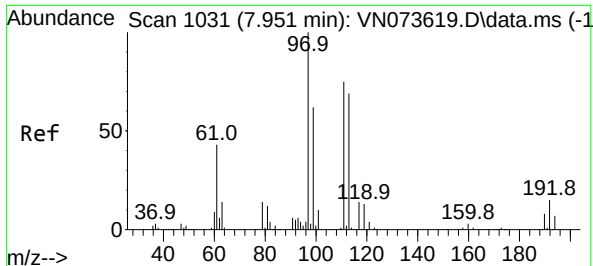
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 14.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.338 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

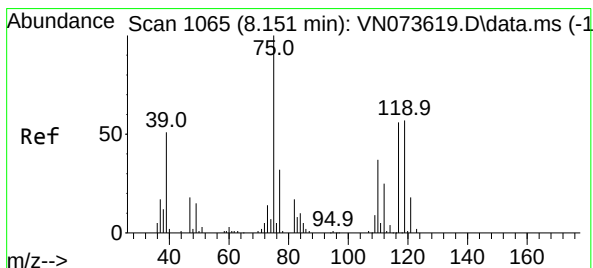
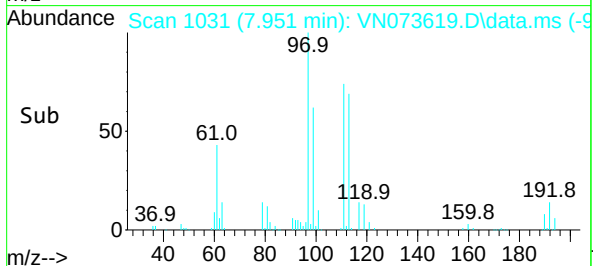
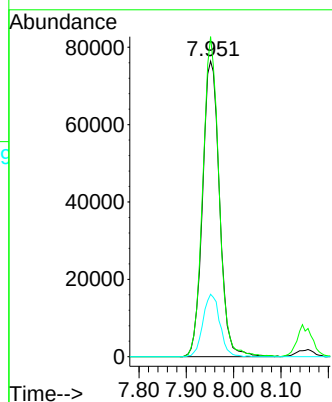
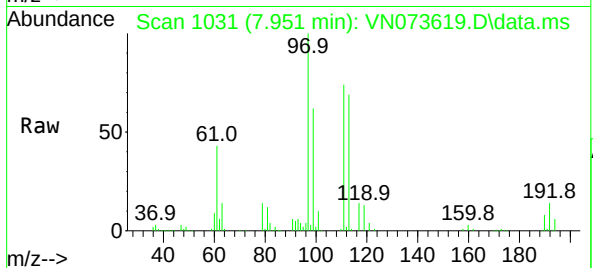
Tgt Ion:	113	Resp:	190320
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.4	122.0
192	21.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#36

1,1-Dichloropropene

Concen: 49.657 ug/l

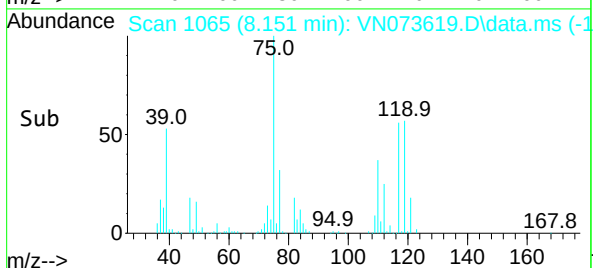
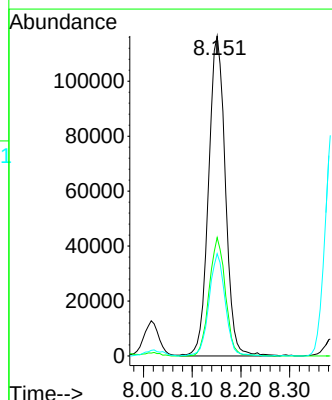
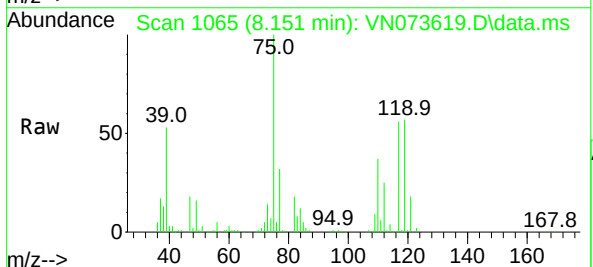
RT: 8.151 min Scan# 1065

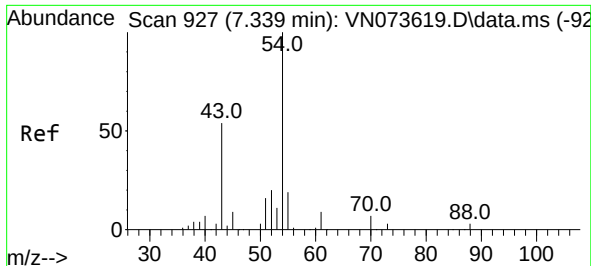
Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

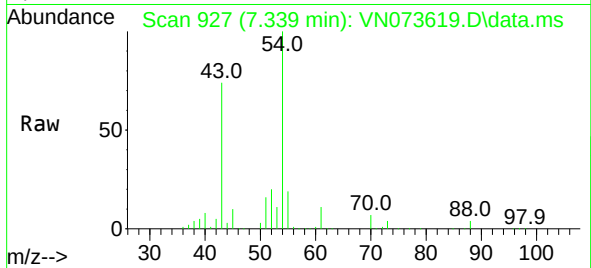
Tgt Ion:	75	Resp:	278795
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.3	54.8
77	30.7	25.1	37.7





#37
Ethyl Acetate
Concen: 52.222 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

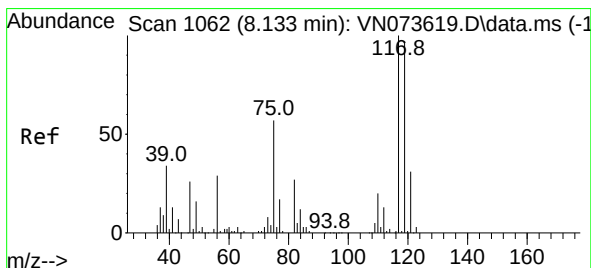
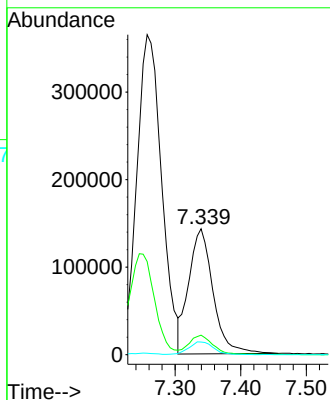
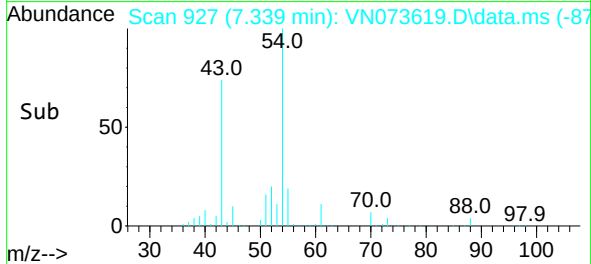
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 369892
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 10.4 9.3 13.9

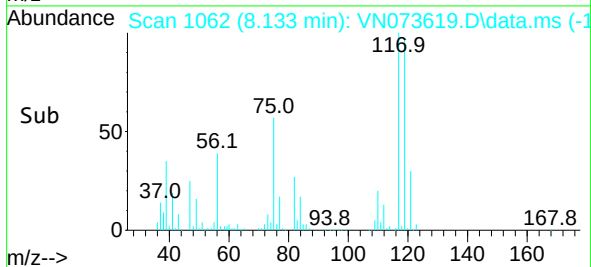
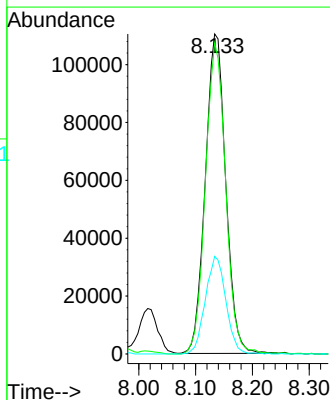
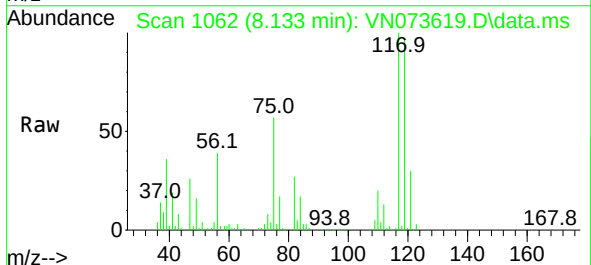
Manual Integrations
APPROVED

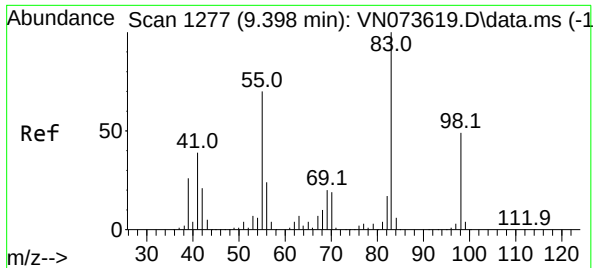
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#38
Carbon Tetrachloride
Concen: 48.964 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Tgt Ion:117 Resp: 275501
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
121 30.5 24.6 37.0





#39

Methylcyclohexane

Concen: 52.840 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 34929

Ion Ratio Lower Upper

83 100

55 70.1 57.8 86.8

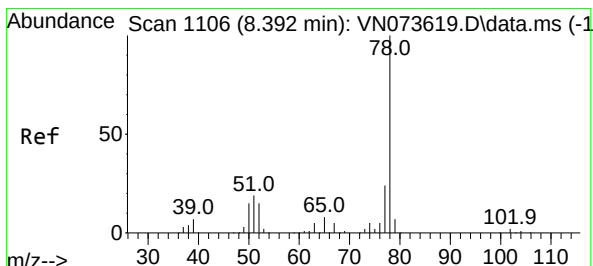
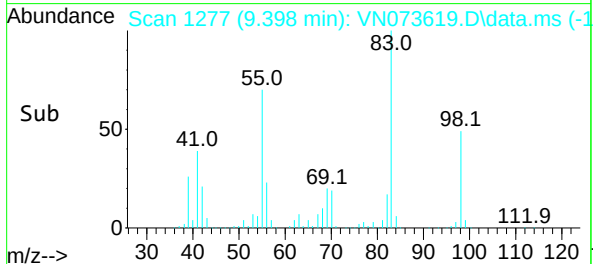
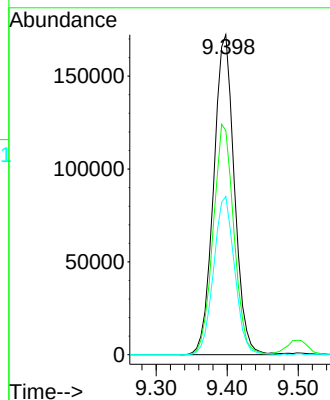
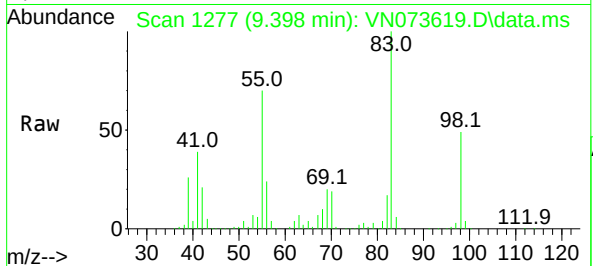
98 49.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#40

Benzene

Concen: 49.265 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073619.D

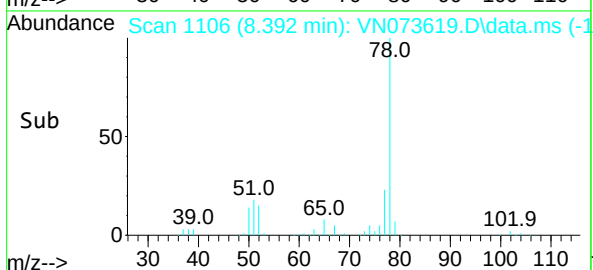
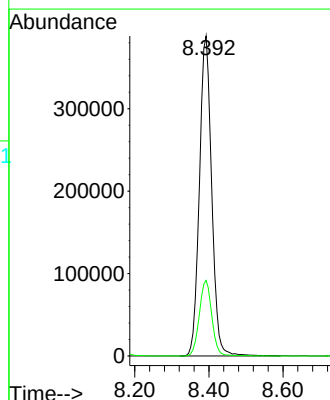
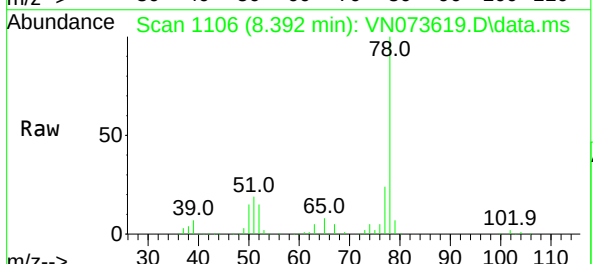
Acq: 28 Jul 2022 12:09

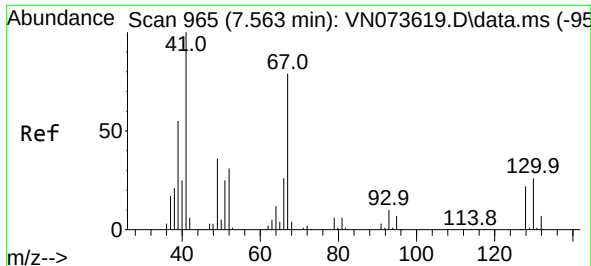
Tgt Ion: 78 Resp: 890364

Ion Ratio Lower Upper

78 100

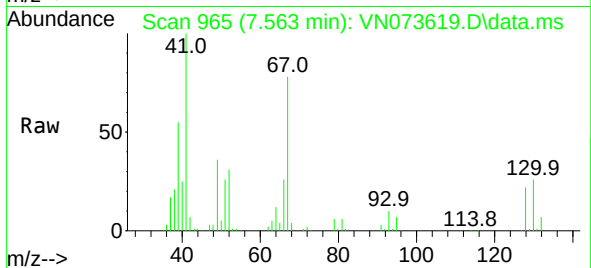
77 23.6 19.4 29.0





#41
Methacrylonitrile
Concen: 52.645 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

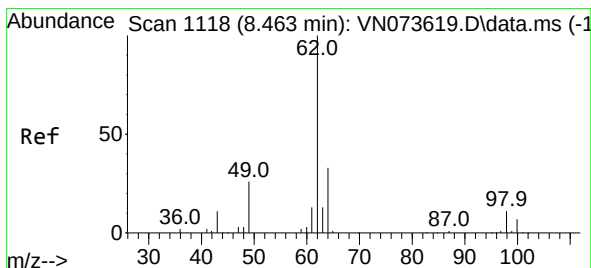
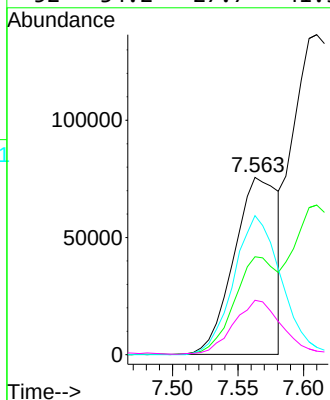
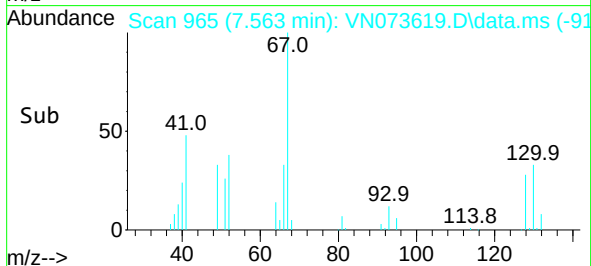
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



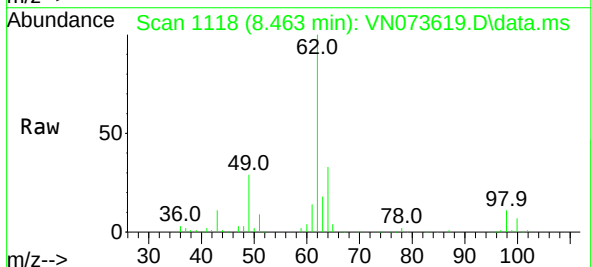
Tgt Ion: 41 Resp: 175073
Ion Ratio Lower Upper
41 100
39 53.8 48.6 73.0
67 86.8 73.4 110.2
52 34.2 27.7 41.5

Manual Integrations
APPROVED

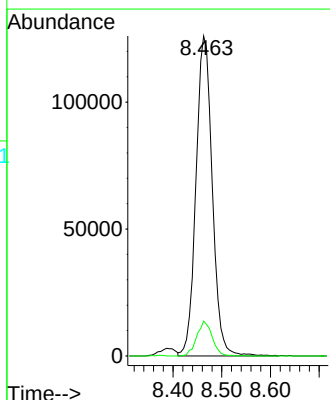
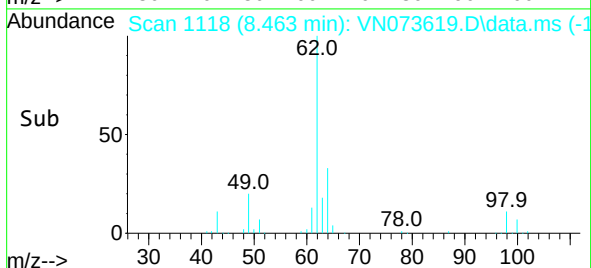
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

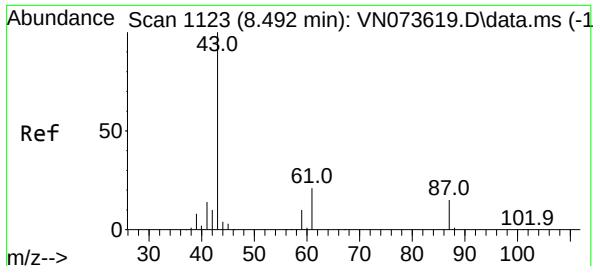


#42
1,2-Dichloroethane
Concen: 47.569 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion: 62 Resp: 293773
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





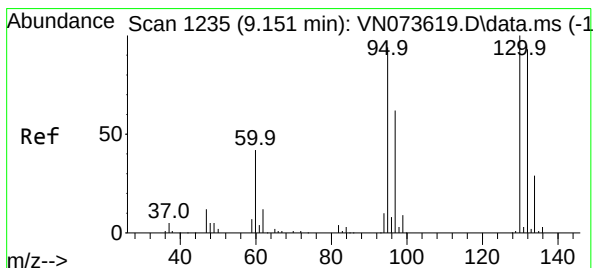
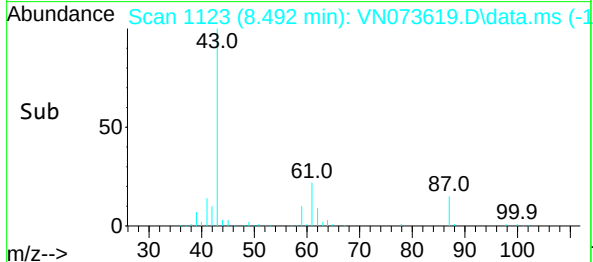
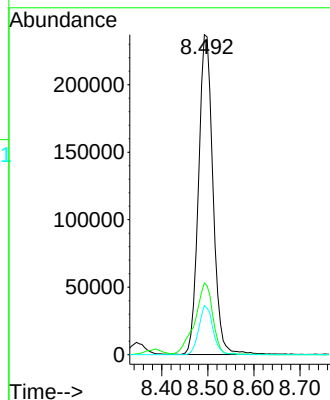
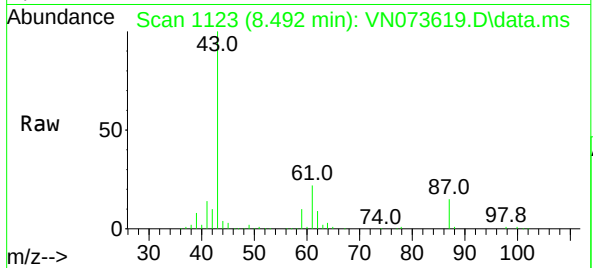
#43
Isopropyl Acetate
Concen: 52.114 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 51703
Ion Ratio Lower Upper
43 100
61 26.8 21.9 32.9
87 15.0 12.0 18.0

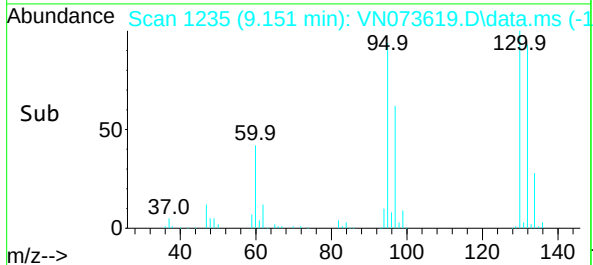
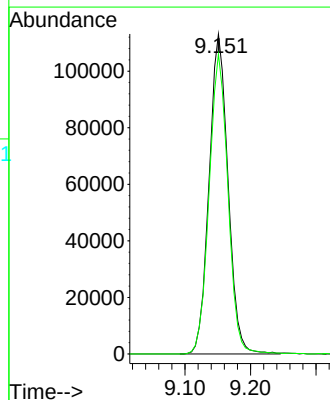
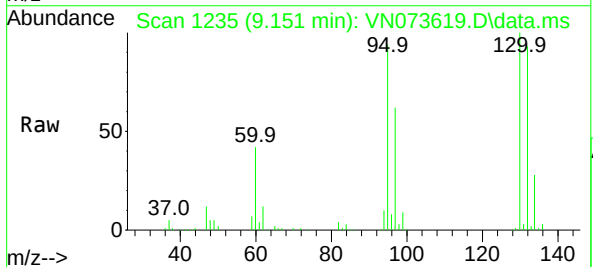
Manual Integrations
APPROVED

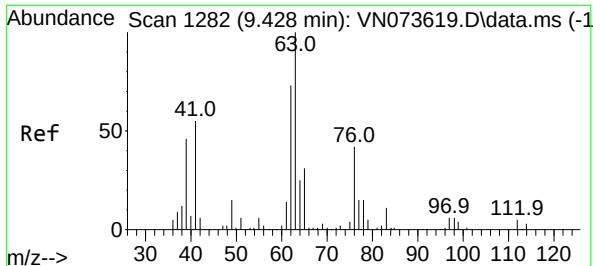
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#44
Trichloroethene
Concen: 49.777 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Tgt Ion:130 Resp: 226750
Ion Ratio Lower Upper
130 100
95 93.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 48.992 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 221540

Ion Ratio Lower Upper

63 100

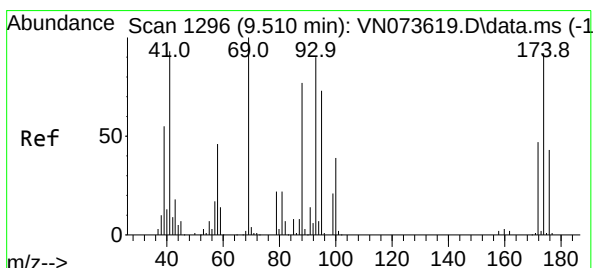
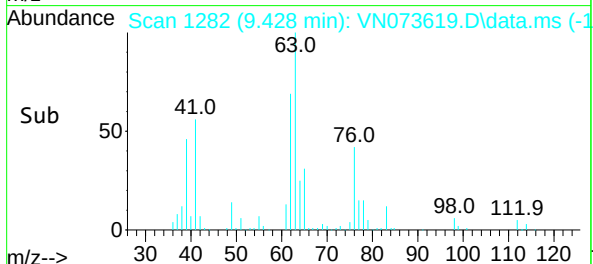
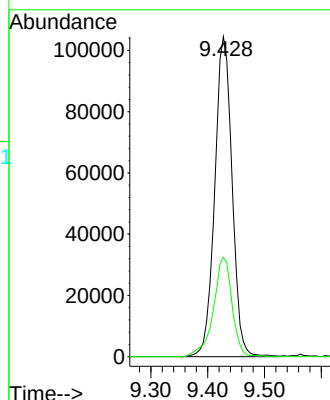
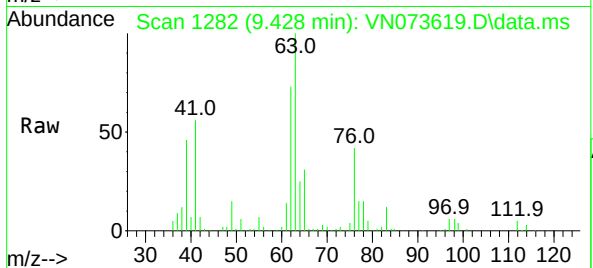
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#46

Dibromomethane

Concen: 49.587 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

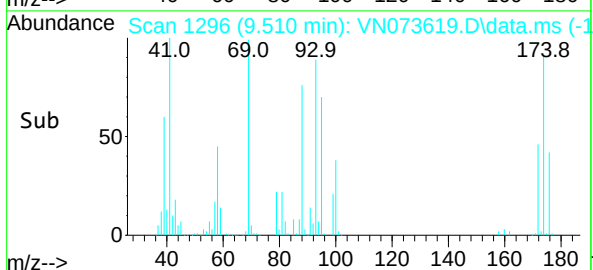
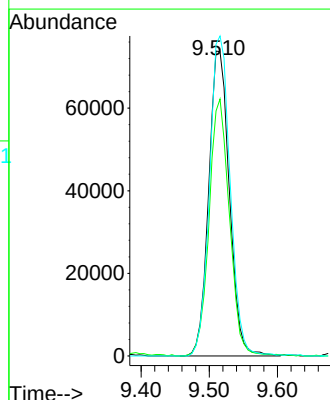
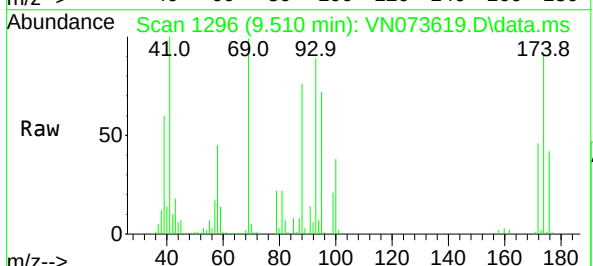
Tgt Ion: 93 Resp: 156269

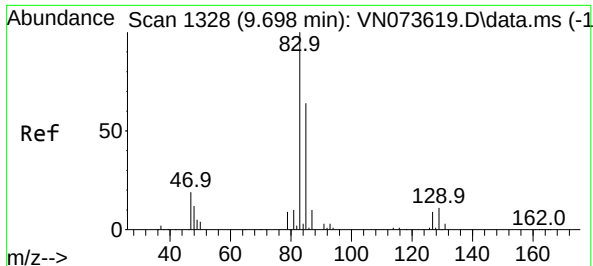
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

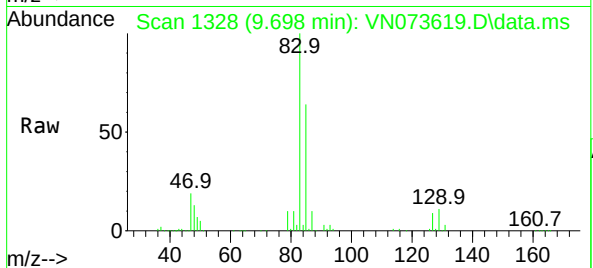
174 104.7 86.6 130.0





#47
Bromodichloromethane
Concen: 49.356 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

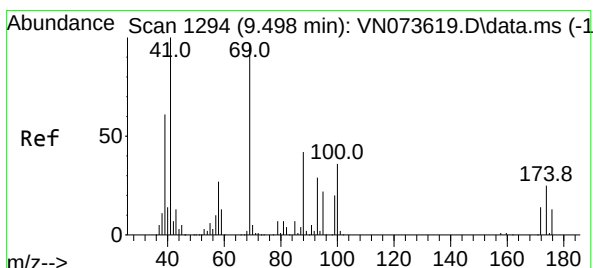
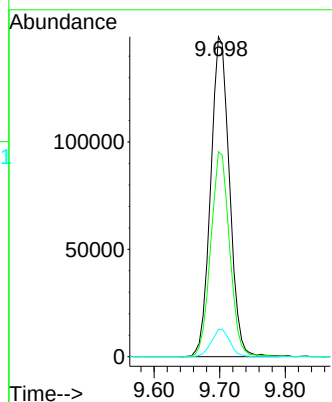
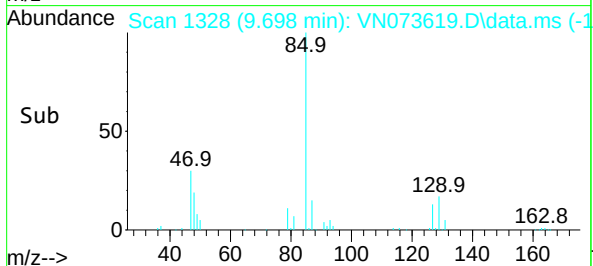
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



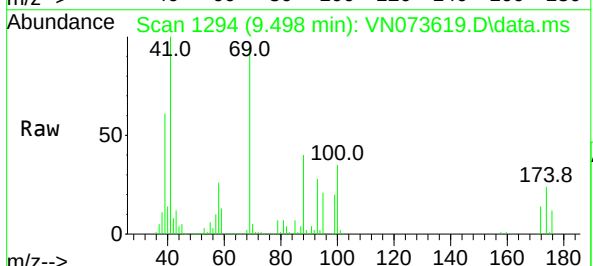
Tgt Ion: 83 Resp: 296358
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations
APPROVED

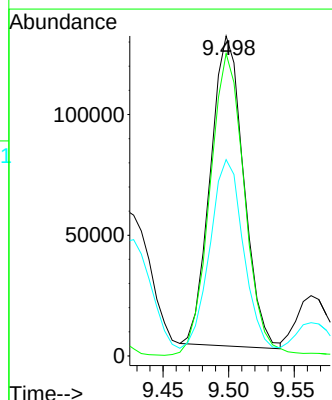
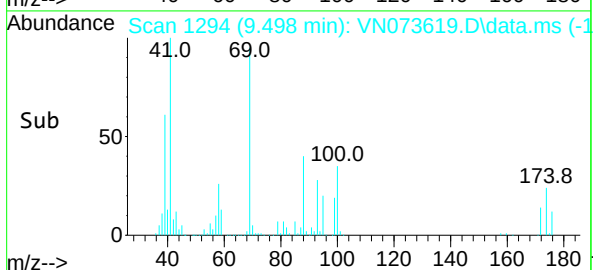
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

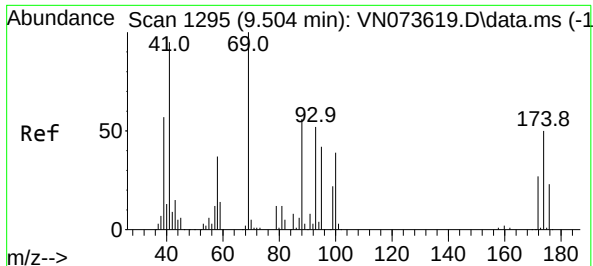


#48
Methyl methacrylate
Concen: 52.828 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion: 41 Resp: 226294
Ion Ratio Lower Upper
41 100
69 102.2 74.7 112.1
39 61.7 45.6 68.4





#49

1,4-Dioxane

Concen: 1104.716 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 13066

Ion Ratio Lower Upper

88 100

43 26.7 20.2 30.4

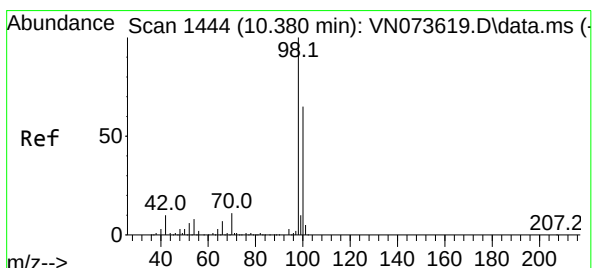
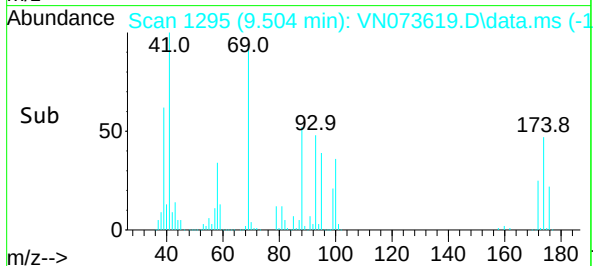
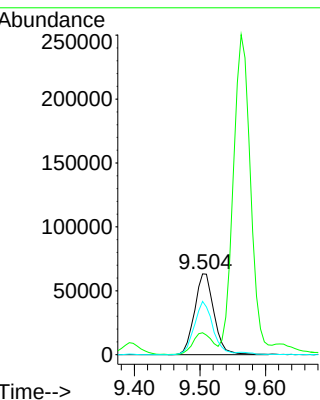
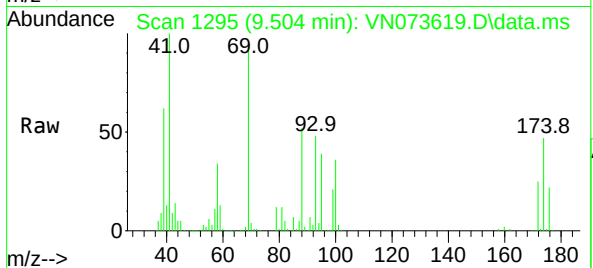
58 62.7 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#50

Toluene-d8

Concen: 49.848 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073619.D

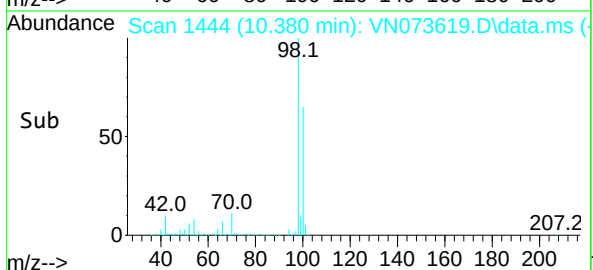
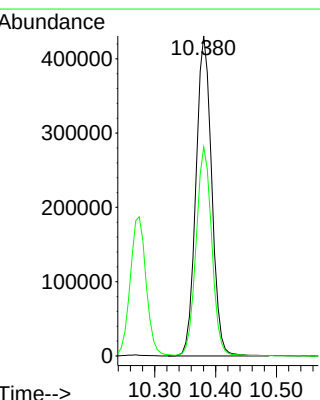
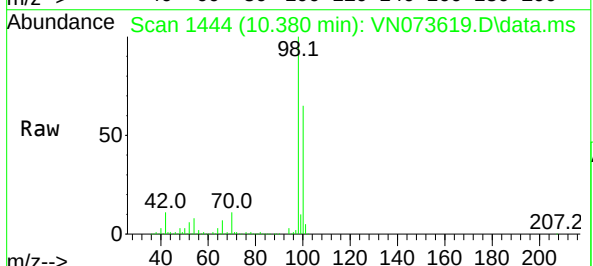
Acq: 28 Jul 2022 12:09

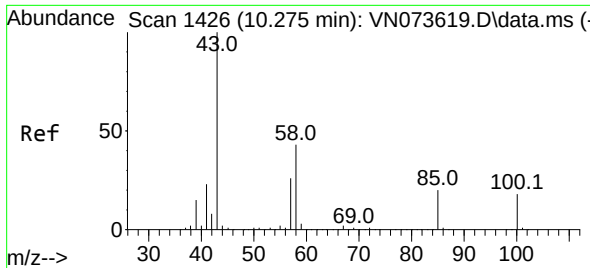
Tgt Ion: 98 Resp: 772356

Ion Ratio Lower Upper

98 100

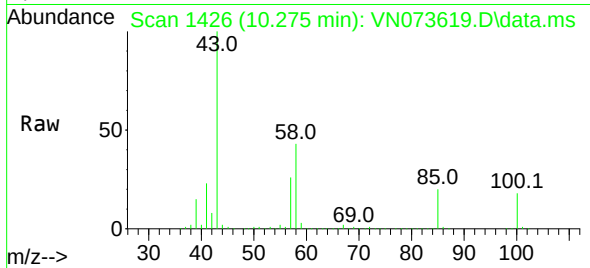
100 64.6 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 267.330 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

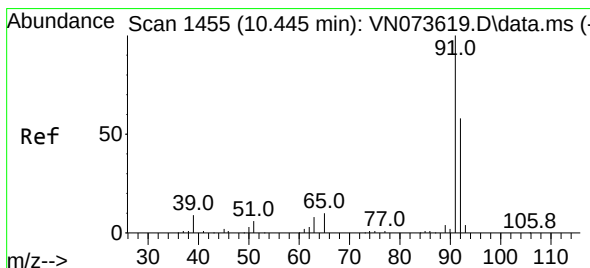
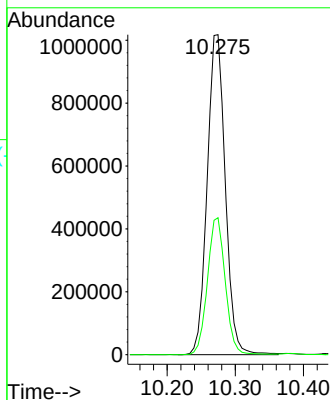
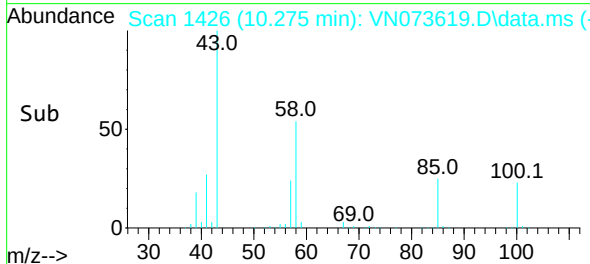
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1881364
Ion Ratio Lower Upper
43 100
58 42.1 34.1 51.1

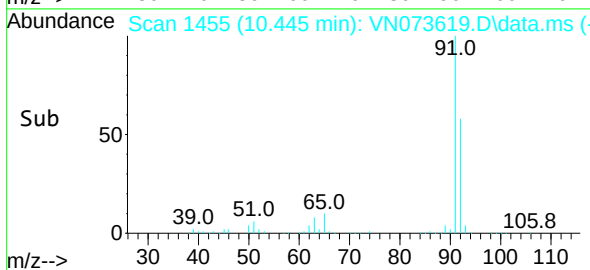
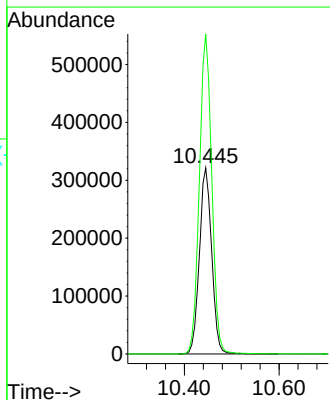
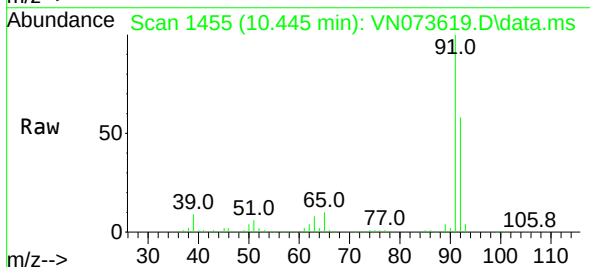
Manual Integrations
APPROVED

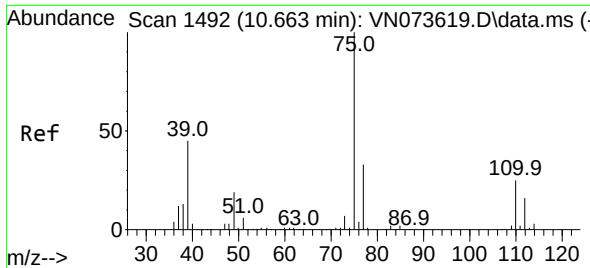
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#52
Toluene
Concen: 52.638 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

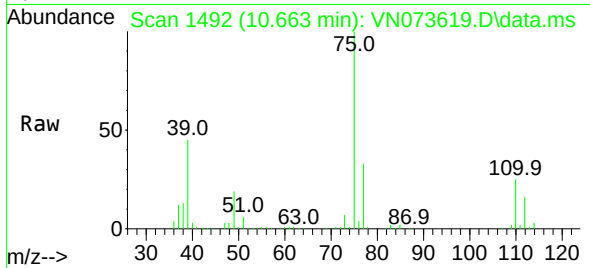
Tgt Ion: 92 Resp: 578105
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 52.738 ug/l
 RT: 10.663 min Scan# 1492
 Delta R.T. 0.000 min
 Lab File: VN073619.D
 Acq: 28 Jul 2022 12:09

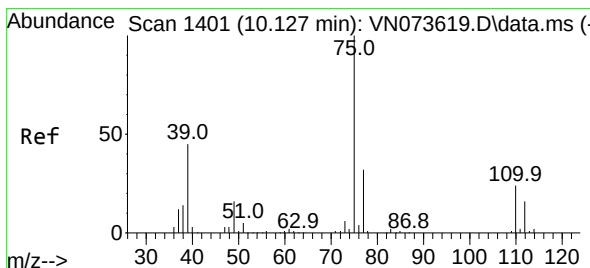
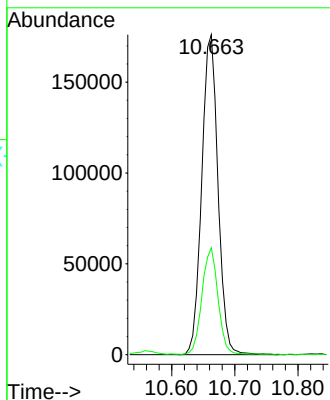
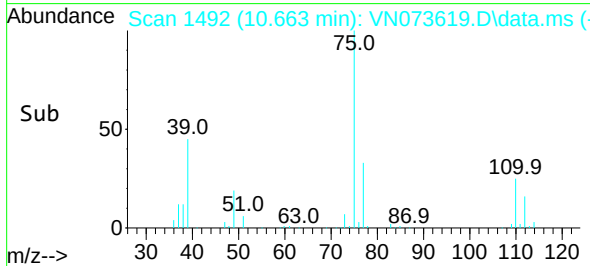
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 31473
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.6 38.4

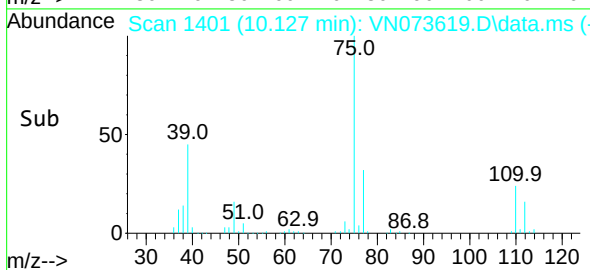
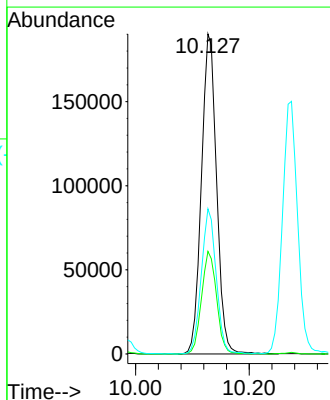
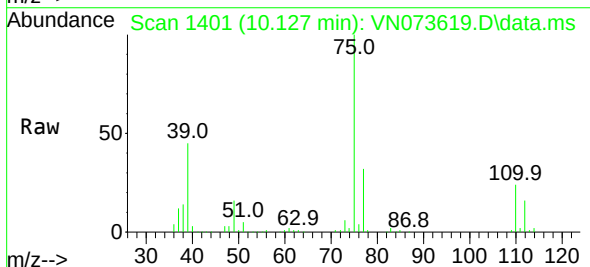
Manual Integrations
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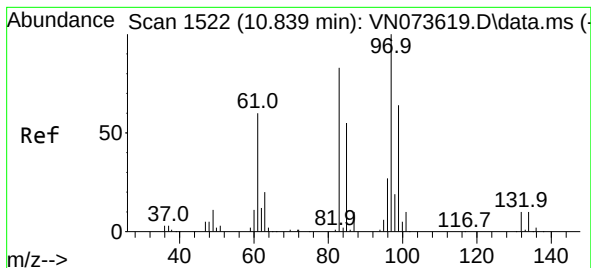
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#54
 cis-1,3-Dichloropropene
 Concen: 52.710 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073619.D
 Acq: 28 Jul 2022 12:09

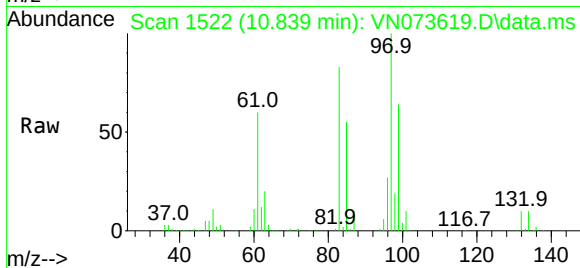
Tgt Ion: 75 Resp: 352715
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 45.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.625 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

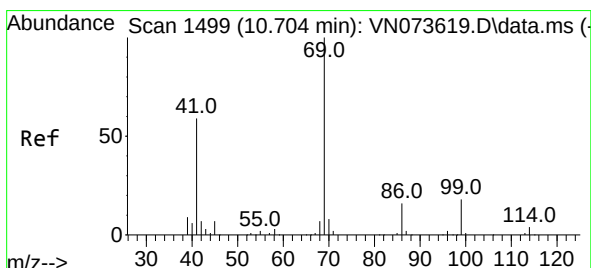
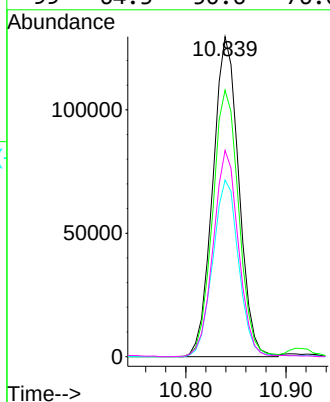
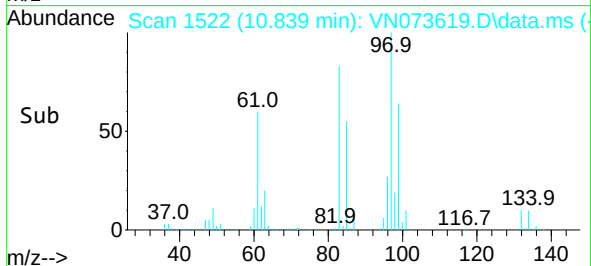
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



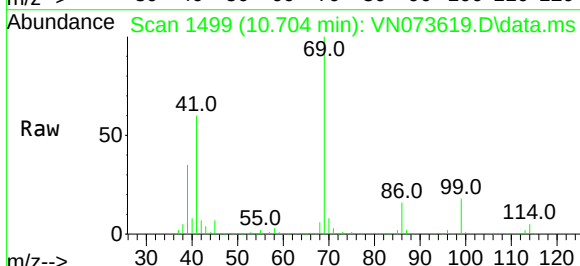
Tgt Ion: 97 Resp: 232439
Ion Ratio Lower Upper
97 100
83 83.3 66.2 99.4
85 55.2 43.9 65.9
99 64.3 50.6 76.0

Manual Integrations
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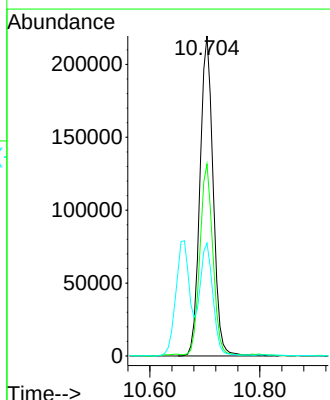
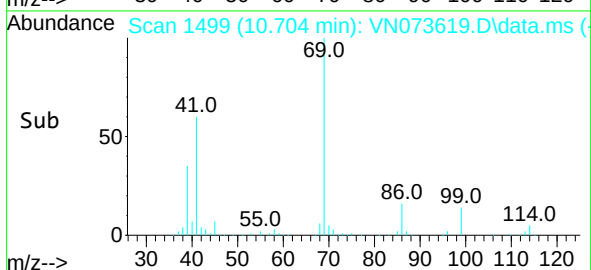
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

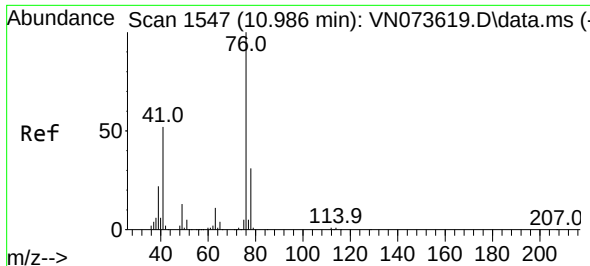


#56
Ethyl methacrylate
Concen: 57.432 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion: 69 Resp: 365294
Ion Ratio Lower Upper
69 100
41 58.1 47.8 71.6
39 34.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 49.979 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 390039

Ion Ratio Lower Upper

76 100

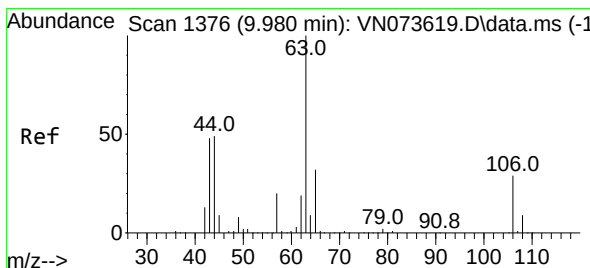
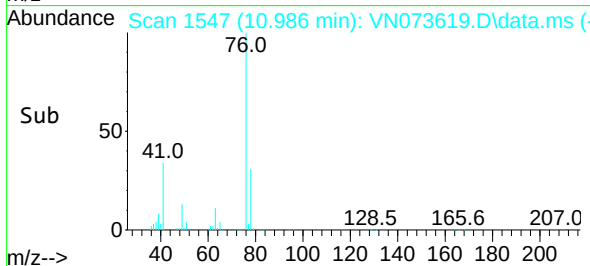
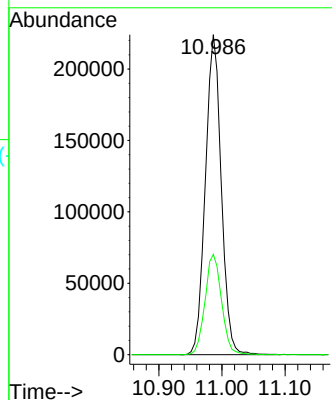
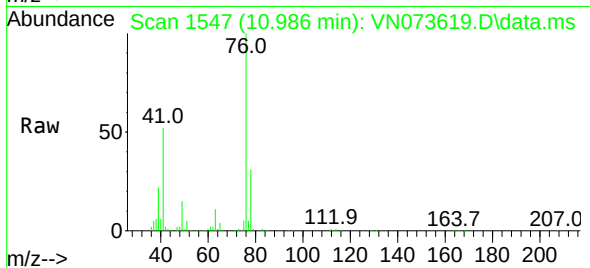
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 276.724 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073619.D

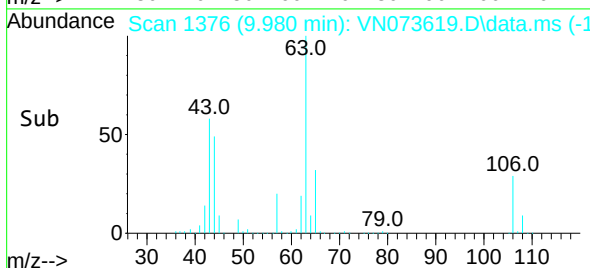
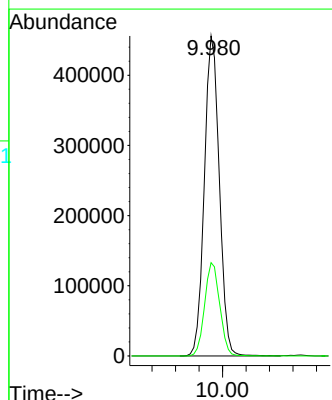
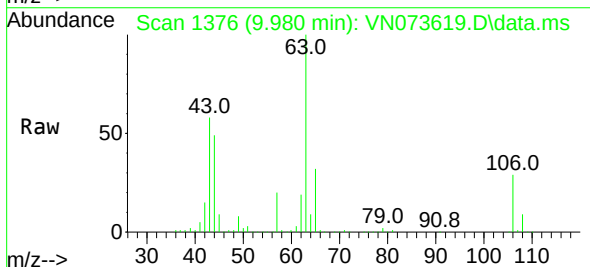
Acq: 28 Jul 2022 12:09

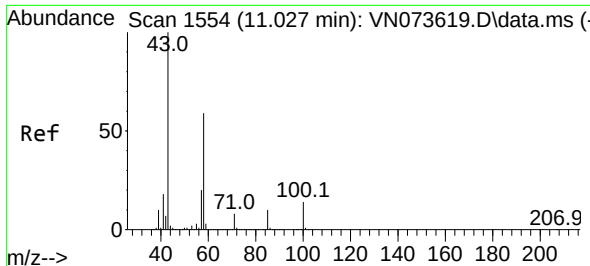
Tgt Ion: 63 Resp: 804410

Ion Ratio Lower Upper

63 100

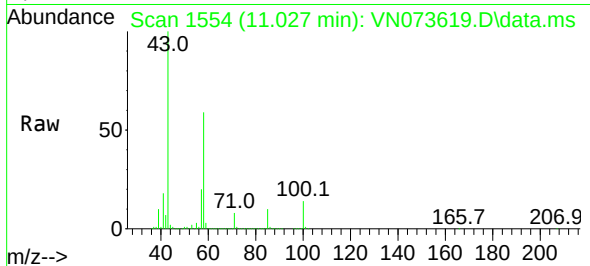
106 29.4 24.6 36.8





#59
2-Hexanone
Concen: 274.750 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

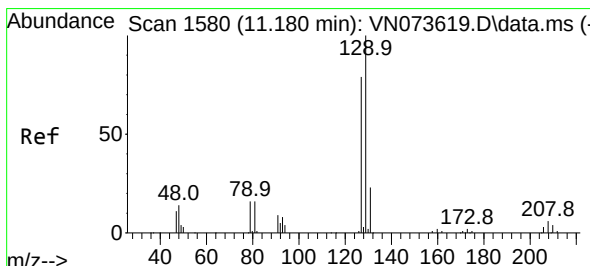
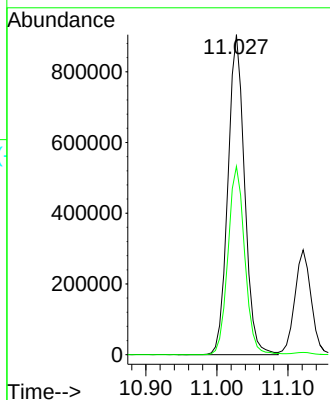
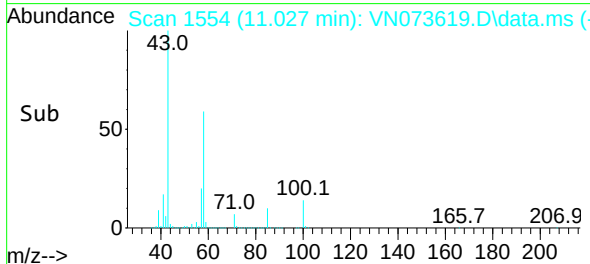
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 147522
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1

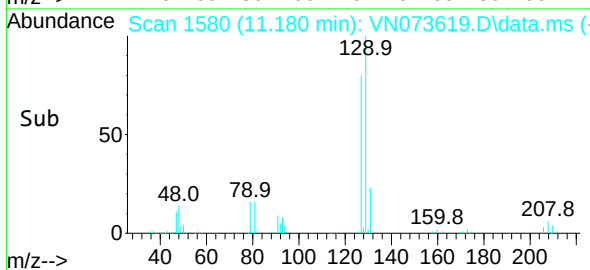
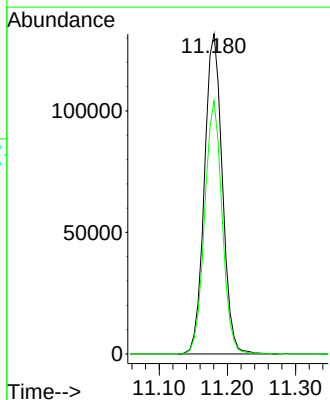
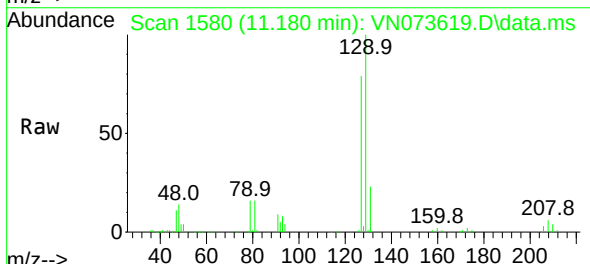
Manual Integrations
APPROVED

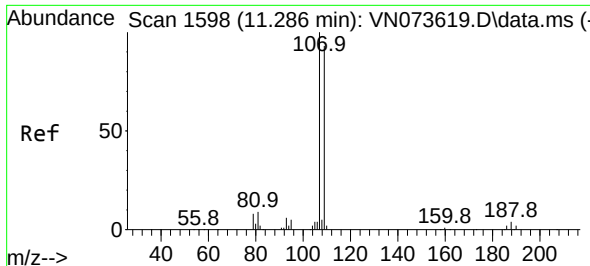
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#60
Dibromochloromethane
Concen: 51.569 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

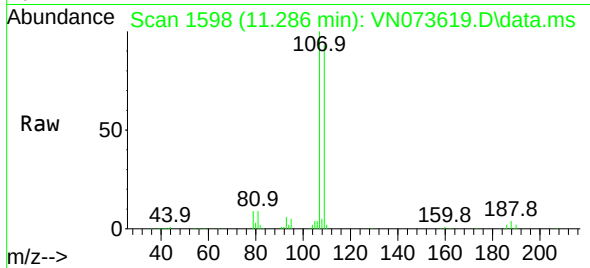
Tgt Ion:129 Resp: 240413
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.477 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

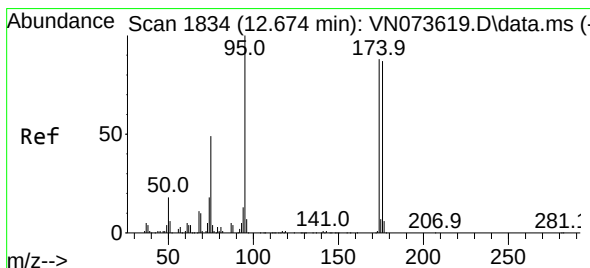
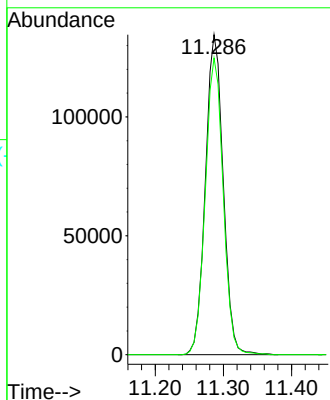
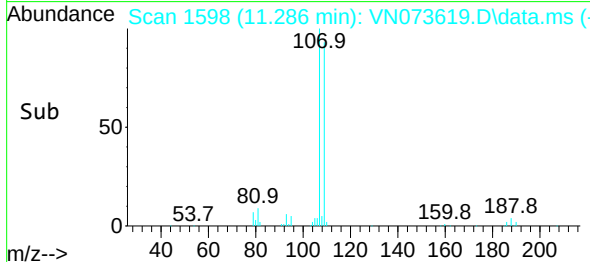
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



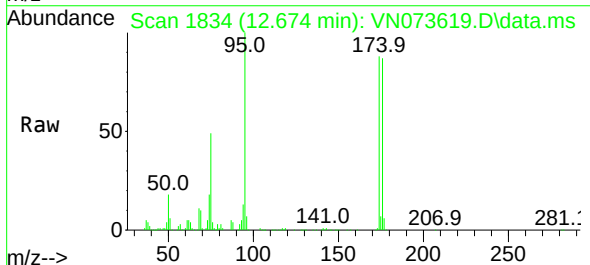
Tgt Ion:107 Resp: 244315
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6

Manual Integrations
APPROVED

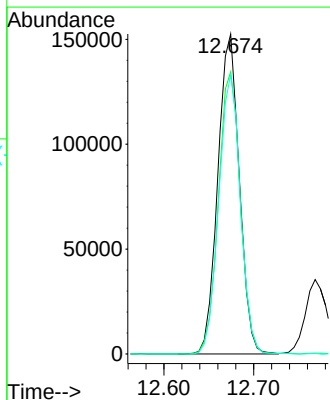
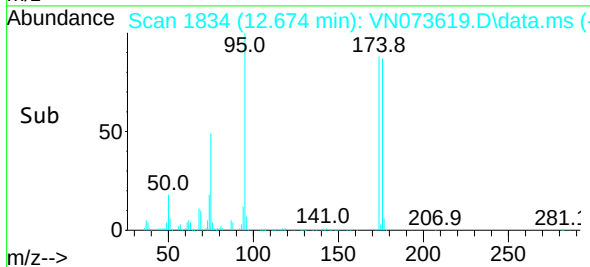
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

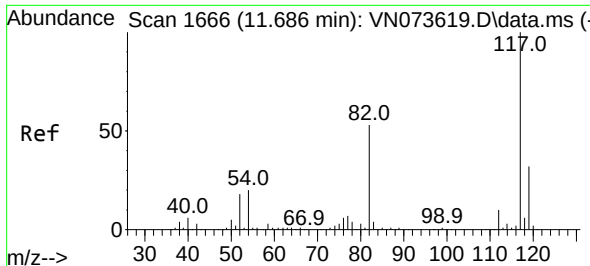


#62
4-Bromofluorobenzene
Concen: 52.916 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



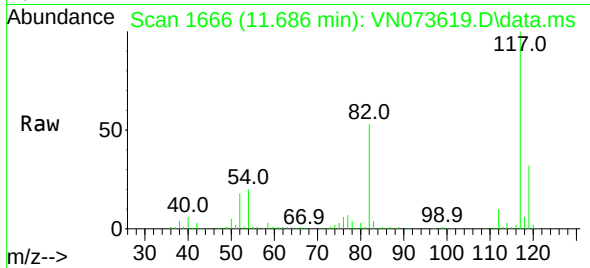
Tgt Ion: 95 Resp: 253526
Ion Ratio Lower Upper
95 100
174 89.6 0.0 167.6
176 87.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

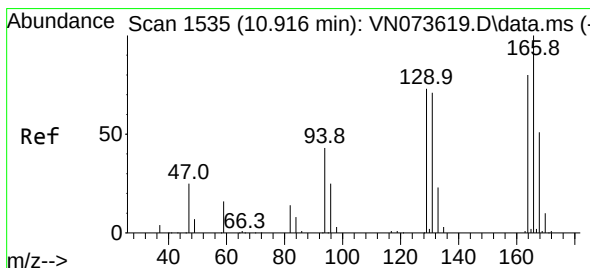
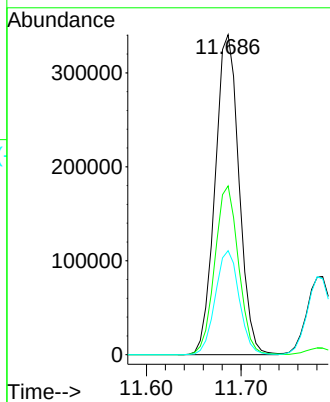
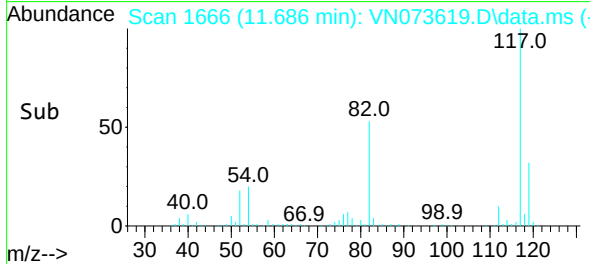
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



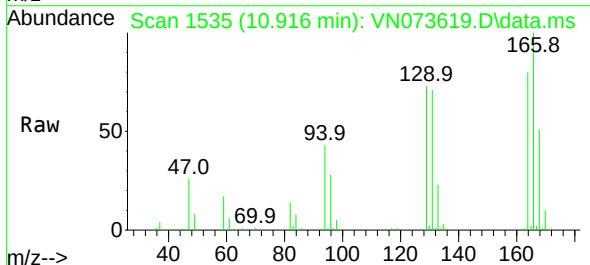
Tgt Ion:117 Resp: 598380
Ion Ratio Lower Upper
117 100
82 52.7 44.2 66.2
119 32.5 25.4 38.0

Manual Integrations
APPROVED

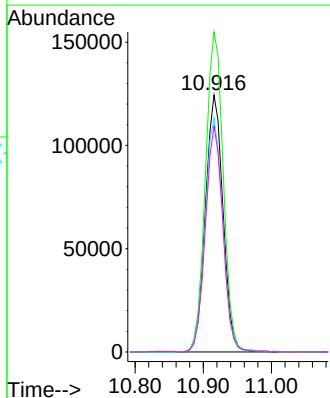
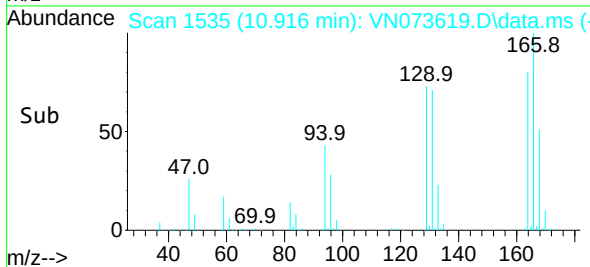
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

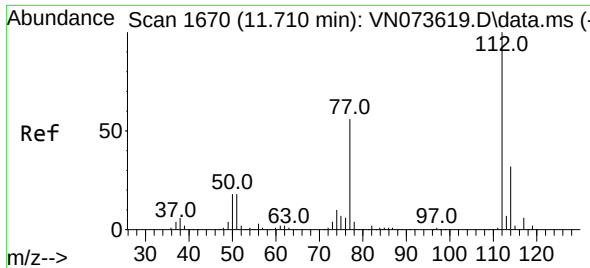


#64
Tetrachloroethene
Concen: 47.059 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion:164 Resp: 222931
Ion Ratio Lower Upper
164 100
166 124.6 104.2 156.2
129 91.1 73.9 110.9
131 88.0 69.4 104.2





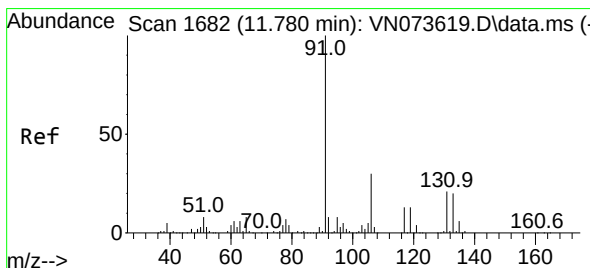
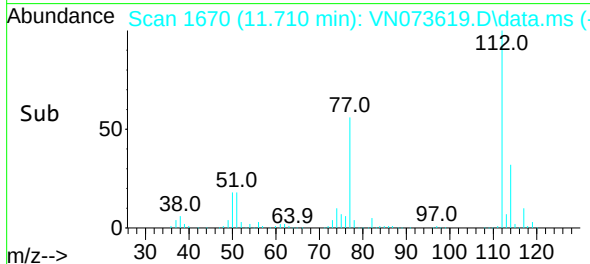
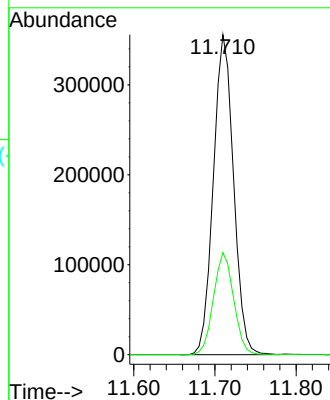
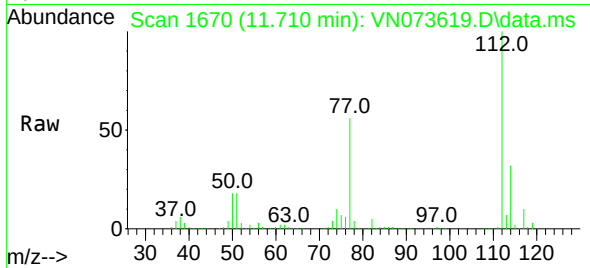
#65
Chlorobenzene
Concen: 48.320 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 61539
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

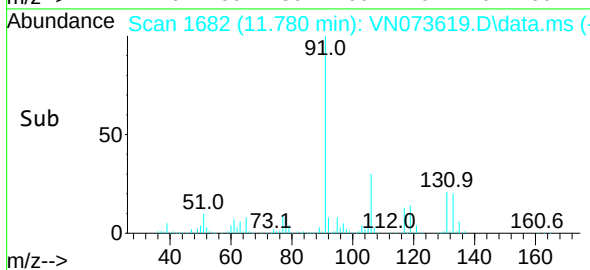
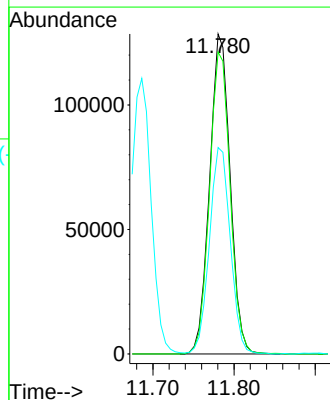
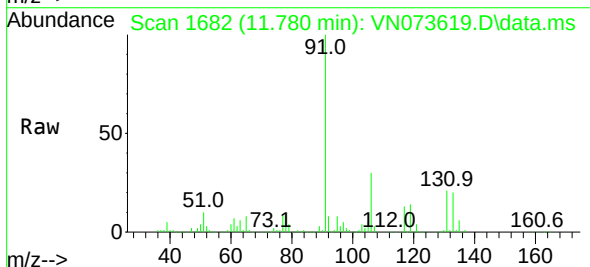
Manual Integrations
APPROVED

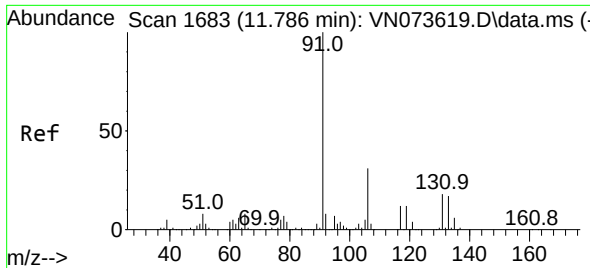
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.050 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

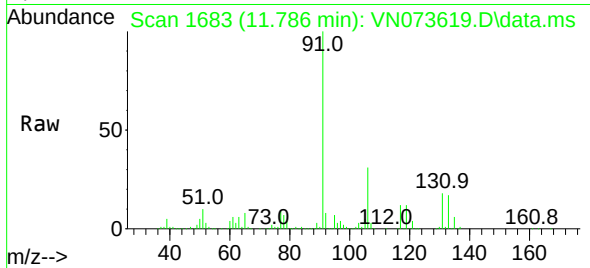
Tgt Ion:131 Resp: 225525
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 65.8 33.4 100.2





#67
Ethyl Benzene
Concen: 52.266 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

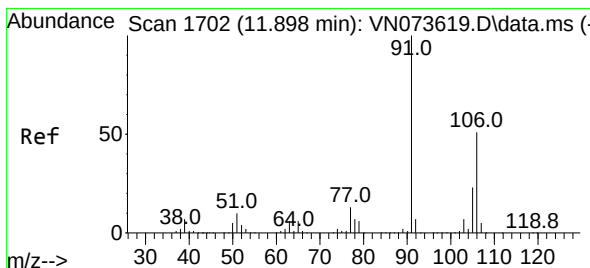
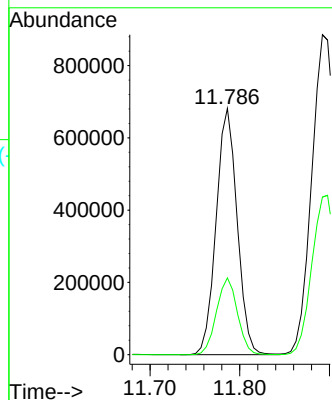
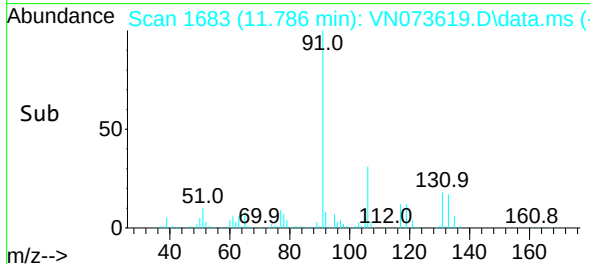
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



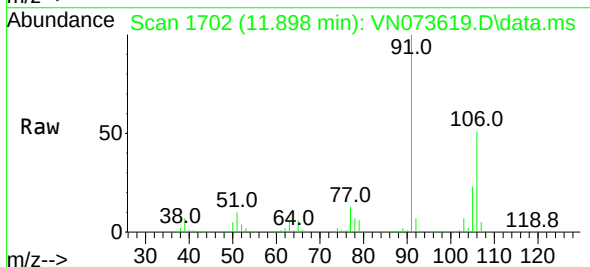
Tgt Ion: 91 Resp: 1107760
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

Manual Integrations
APPROVED

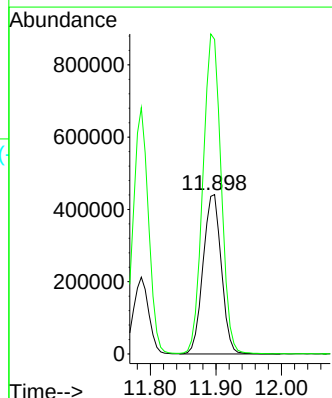
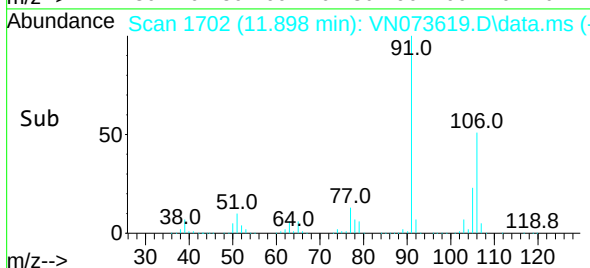
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

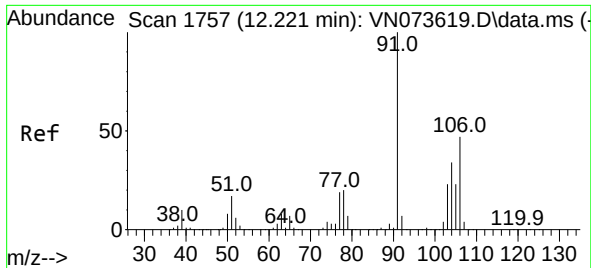


#68
m/p-Xylenes
Concen: 104.972 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion:106 Resp: 853334
Ion Ratio Lower Upper
106 100
91 200.5 158.9 238.3





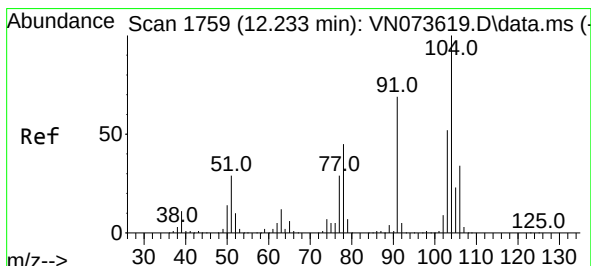
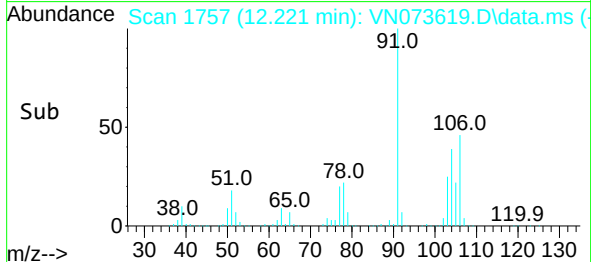
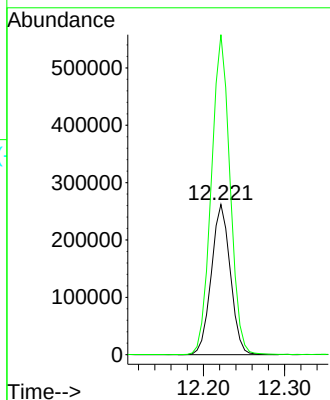
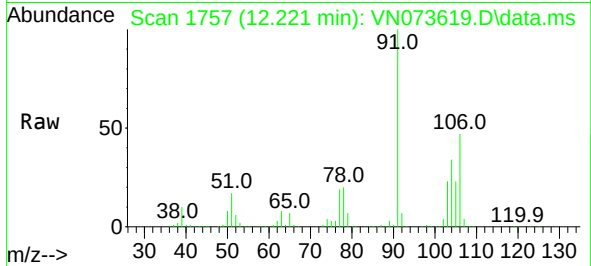
#69
o-Xylene
Concen: 53.970 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 425739
Ion Ratio Lower Upper
106 100
91 210.1 106.0 318.0

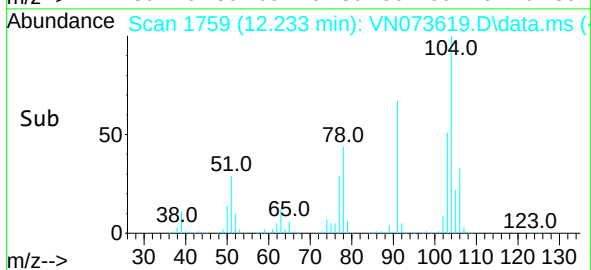
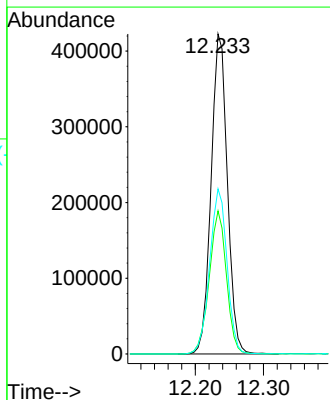
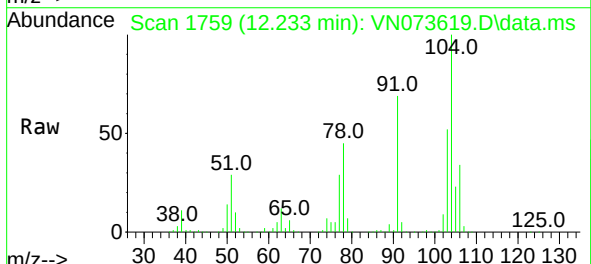
Manual Integrations
APPROVED

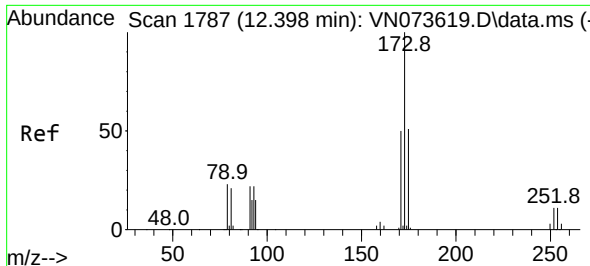
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#70
Styrene
Concen: 55.565 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

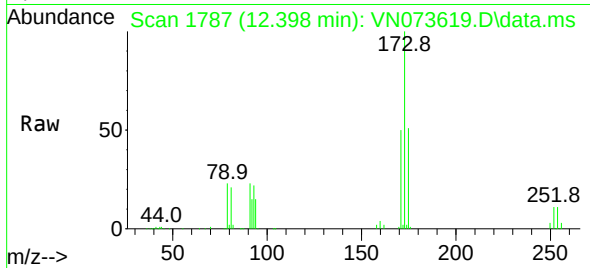
Tgt Ion:104 Resp: 701263
Ion Ratio Lower Upper
104 100
78 47.4 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 52.866 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

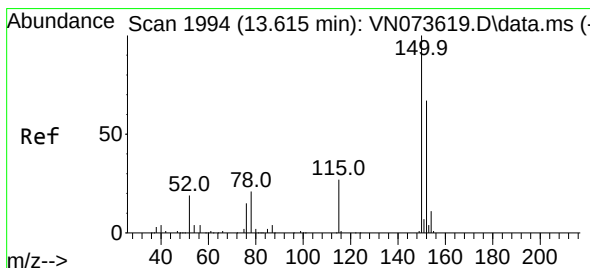
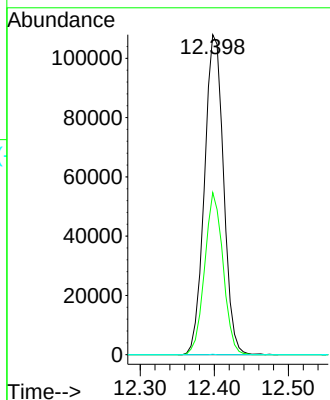
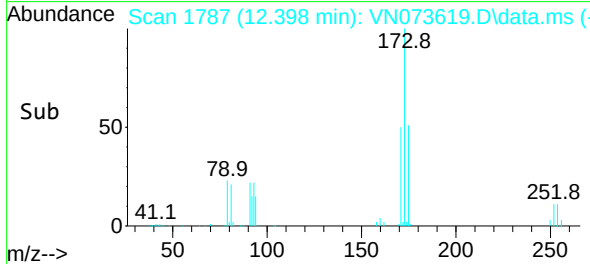
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 193414
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.0 0.1 0.1

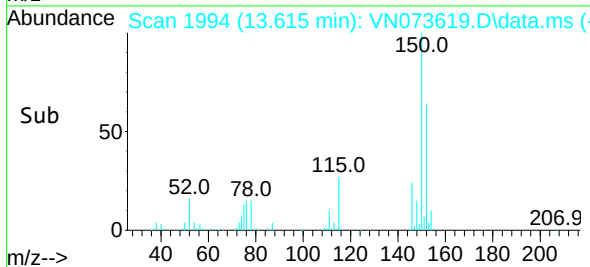
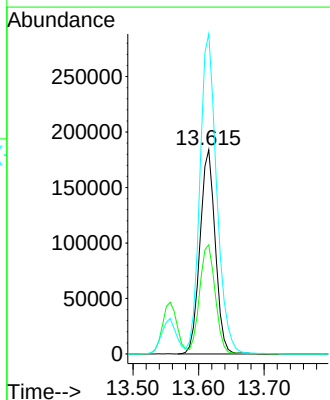
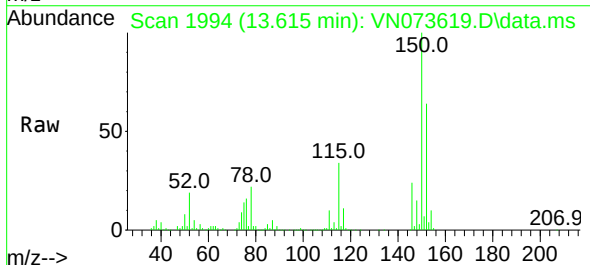
Manual Integrations
APPROVED

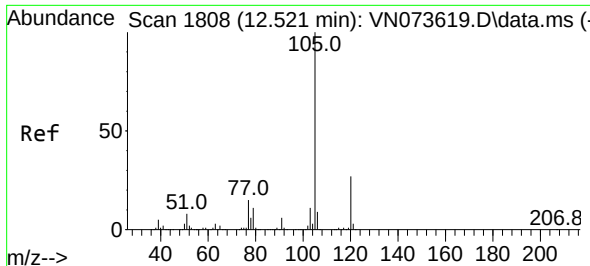
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

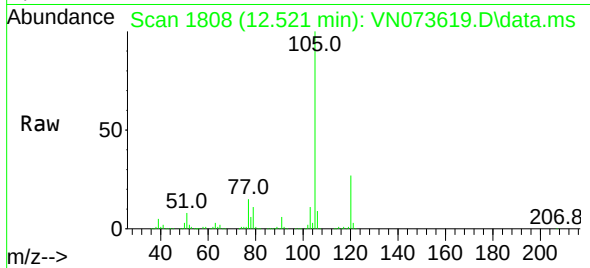
Tgt Ion:152 Resp: 299392
Ion Ratio Lower Upper
152 100
115 54.7 28.9 86.7
150 172.1 0.0 356.2





#73
Isopropylbenzene
Concen: 49.705 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

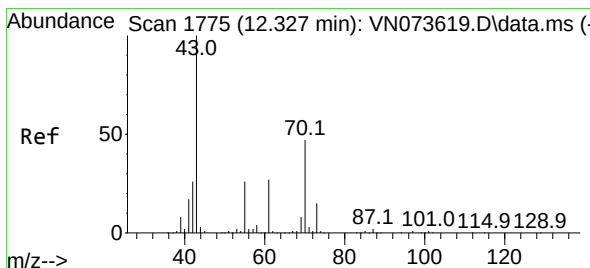
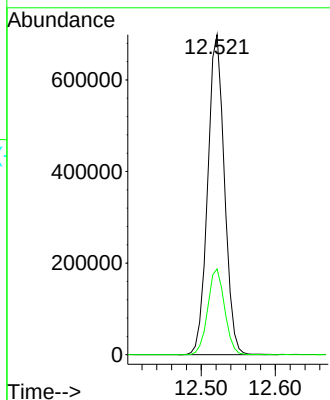
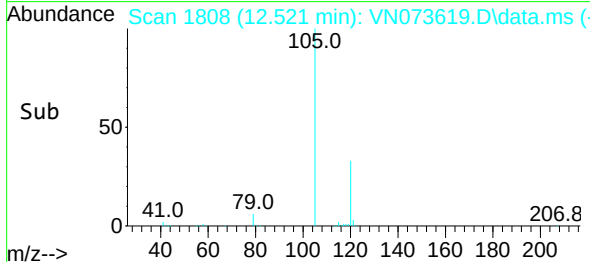
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



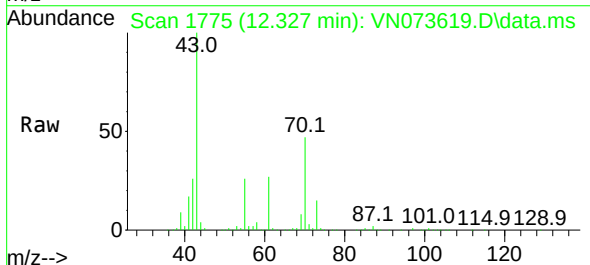
Tgt Ion:105 Resp: 1093539
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
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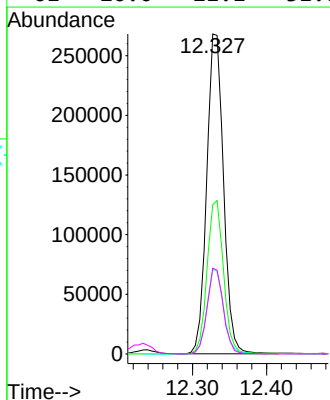
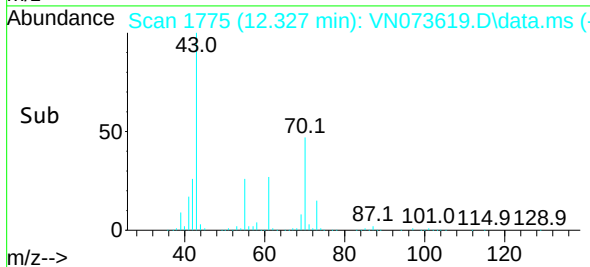
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

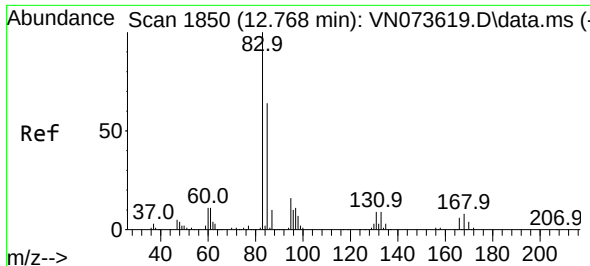


#74
N-ethyl acetate
Concen: 51.107 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



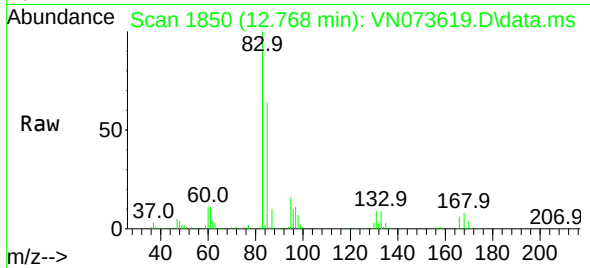
Tgt Ion: 43 Resp: 421781
Ion Ratio Lower Upper
43 100
70 47.2 39.0 58.4
55 26.4 21.1 31.7
61 26.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.038 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

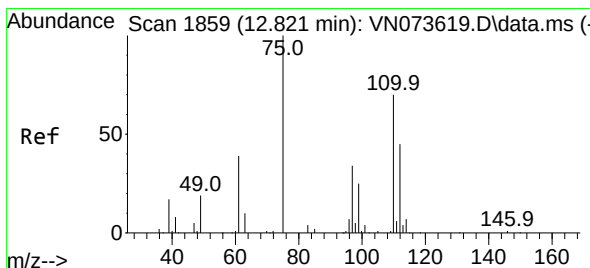
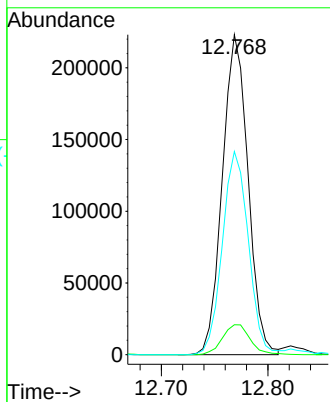
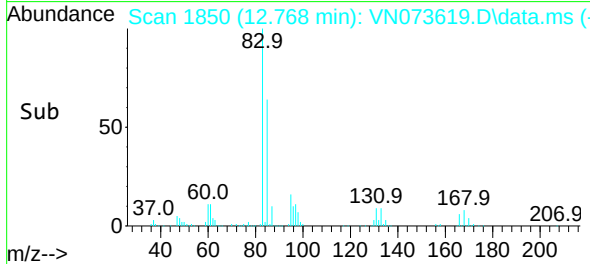
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 37336
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 64.5 32.3 96.9

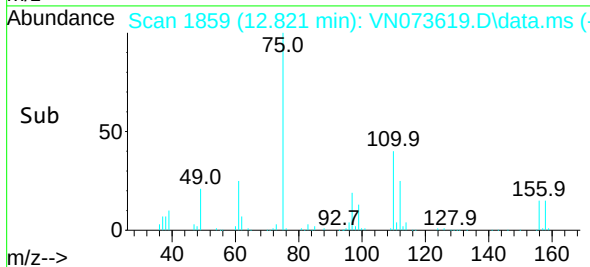
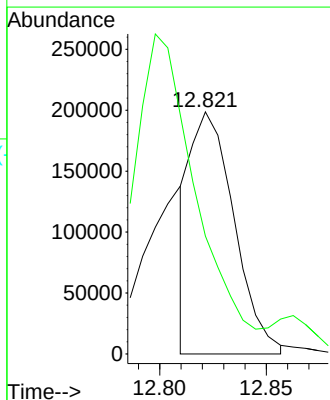
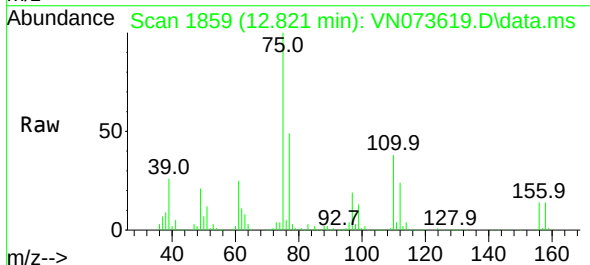
Manual Integrations
APPROVED

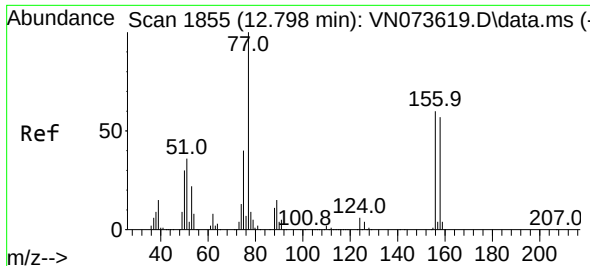
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#76
1,2,3-Trichloropropane
Concen: 39.923 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

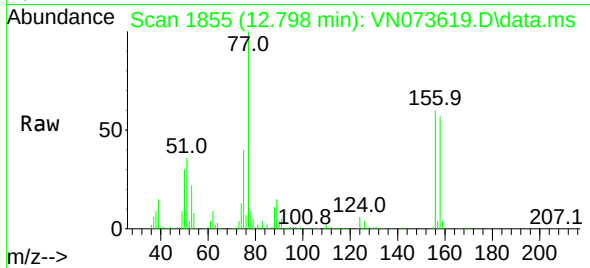
Tgt Ion: 75 Resp: 283216
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 47.671 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

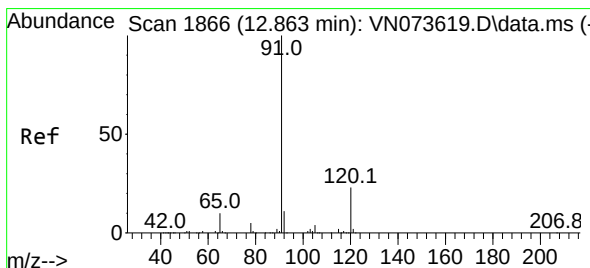
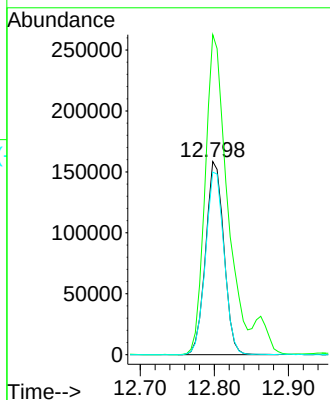
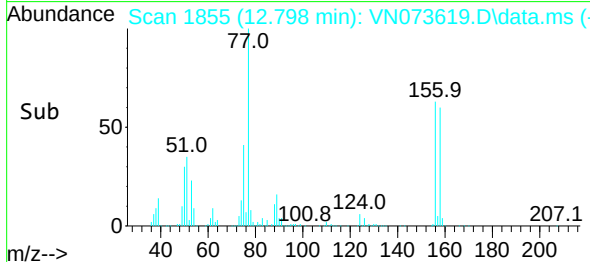
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



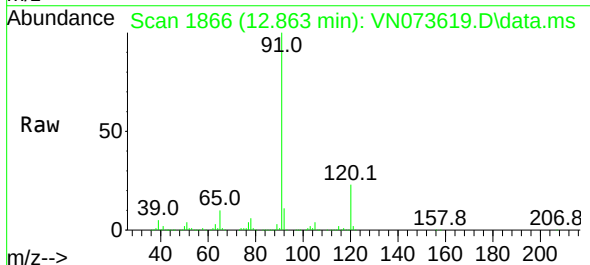
Tgt Ion:156 Resp: 27097
Ion Ratio Lower Upper
156 100
77 198.4 100.5 301.5
158 96.4 48.9 146.6

Manual Integrations
APPROVED

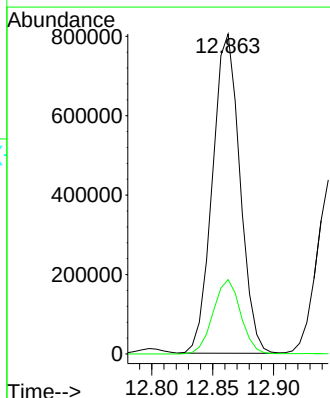
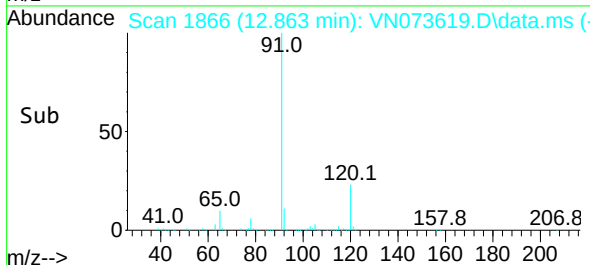
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

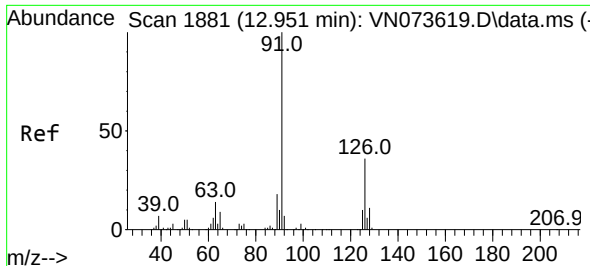


#78
n-propylbenzene
Concen: 51.682 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



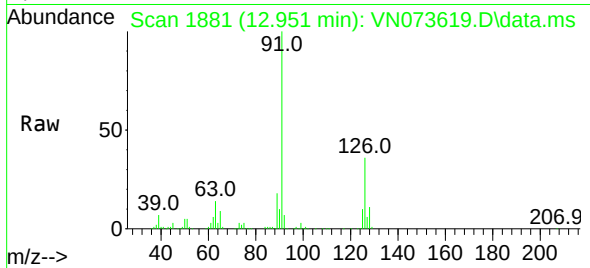
Tgt Ion: 91 Resp: 1261440
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 48.760 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

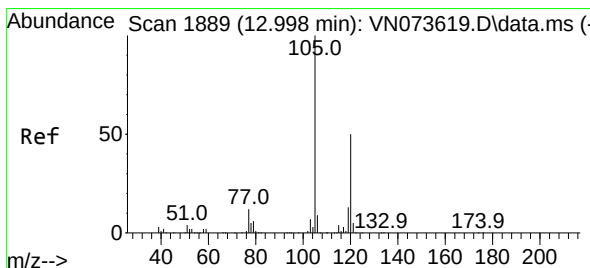
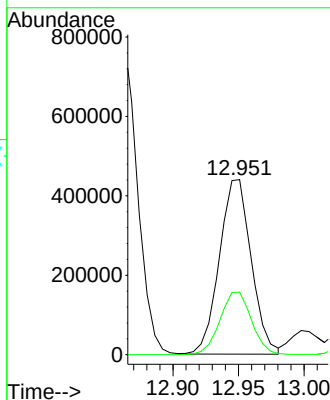
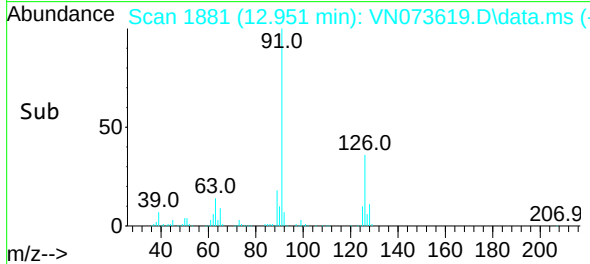
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 743560
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.9

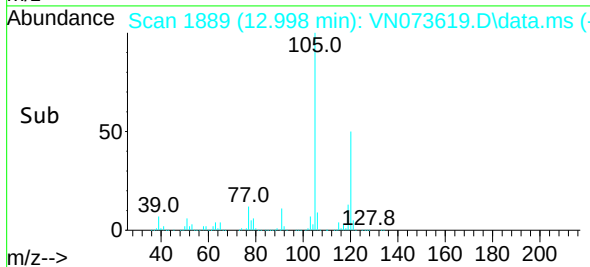
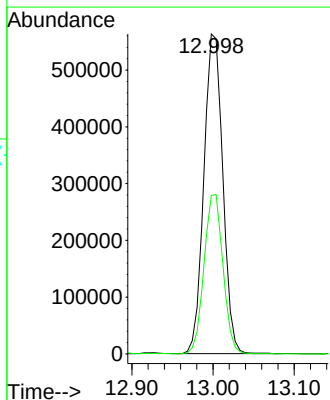
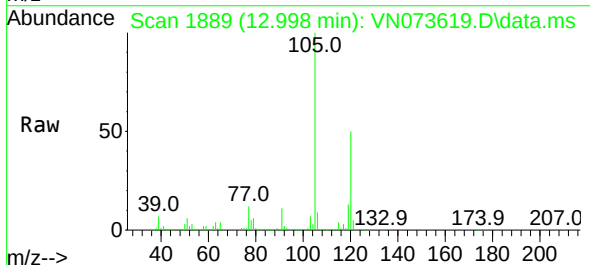
Manual Integrations
APPROVED

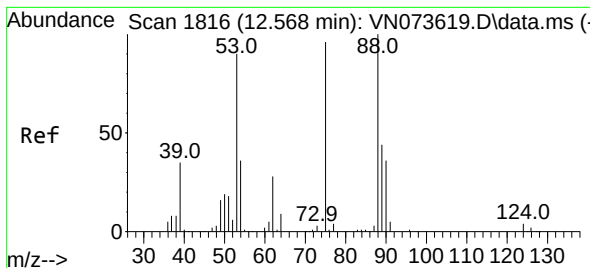
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.862 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

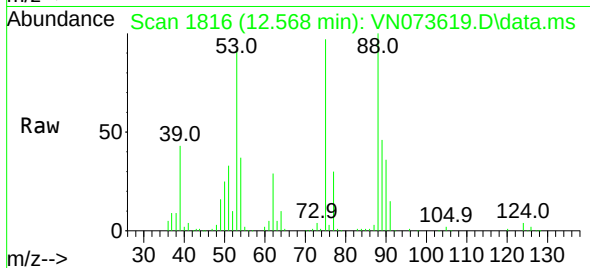
Tgt Ion:105 Resp: 911032
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.401 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

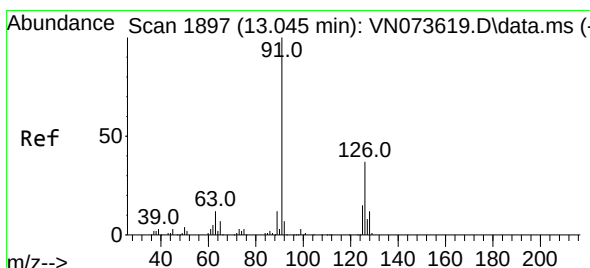
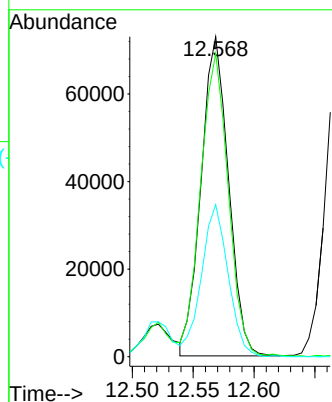
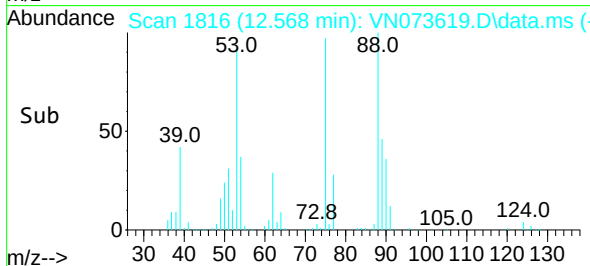
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 114129
Ion Ratio Lower Upper
75 100
53 96.5 78.0 117.0
89 46.5 37.2 55.8

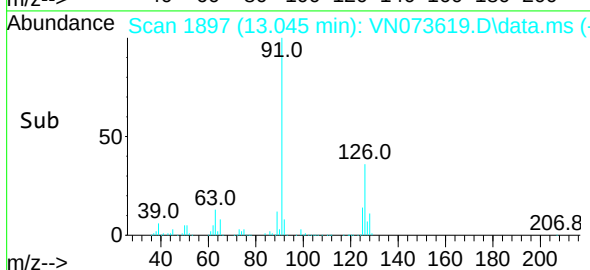
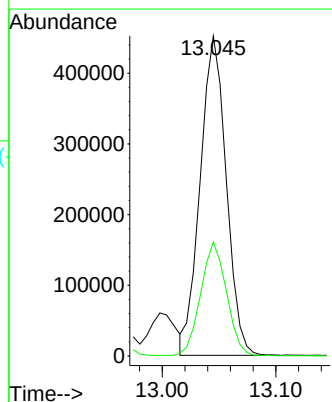
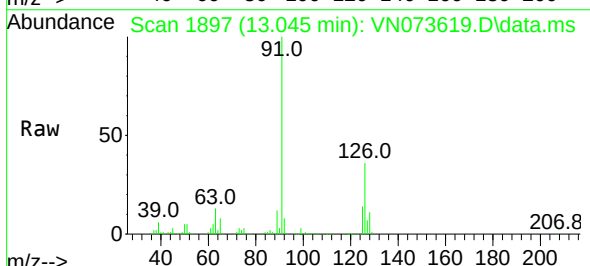
Manual Integrations
APPROVED

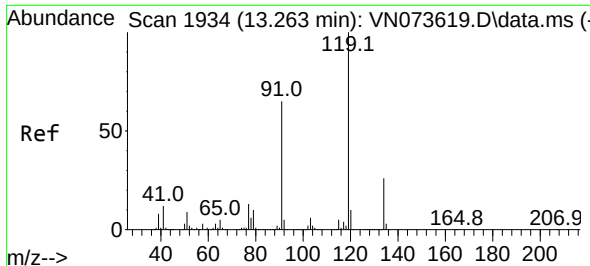
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#82
4-Chlorotoluene
Concen: 49.215 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

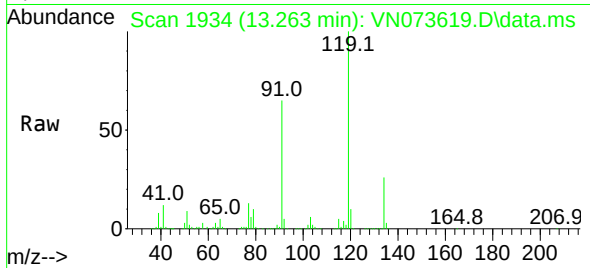
Tgt Ion: 91 Resp: 718714
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.334 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

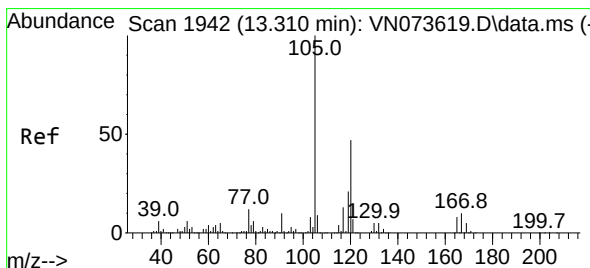
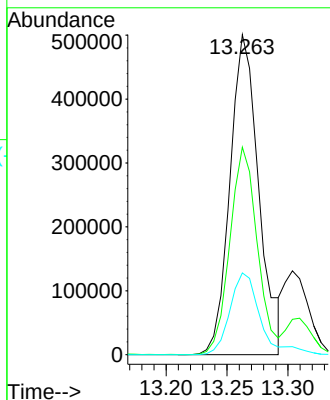
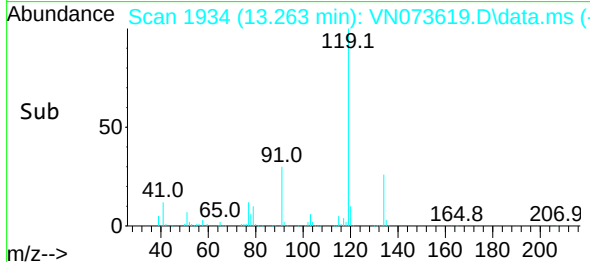
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



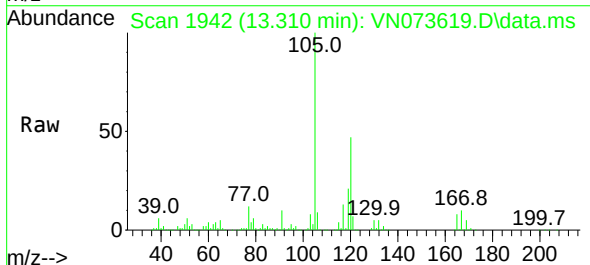
Tgt Ion:119 Resp: 82745
Ion Ratio Lower Upper
119 100
91 61.5 31.6 94.8
134 26.8 13.7 41.1

Manual Integrations
APPROVED

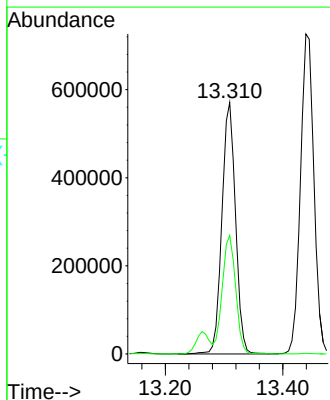
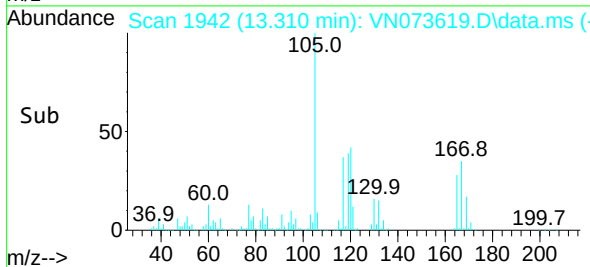
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

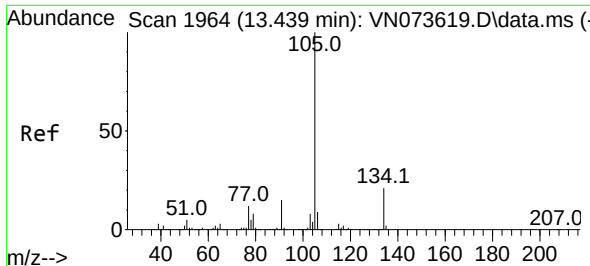


#84
1,2,4-Trimethylbenzene
Concen: 52.225 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



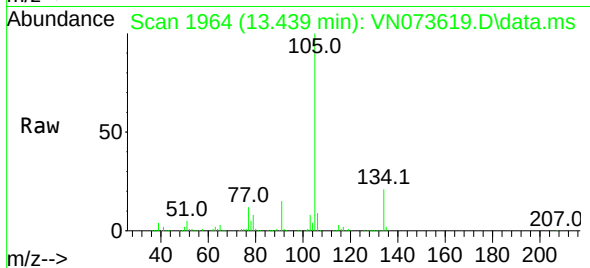
Tgt Ion:105 Resp: 917611
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.950 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073619.D
 Acq: 28 Jul 2022 12:09

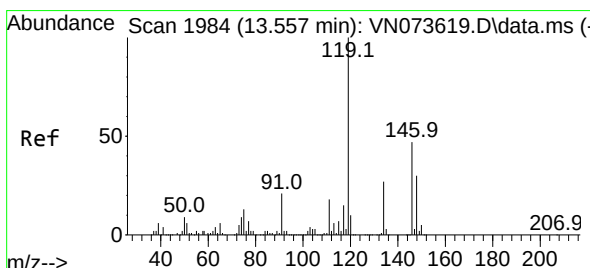
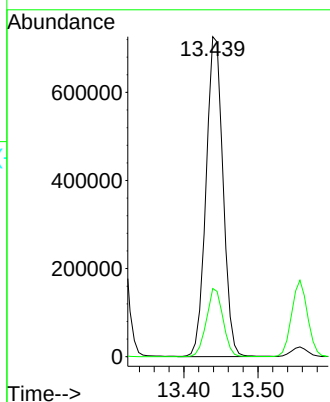
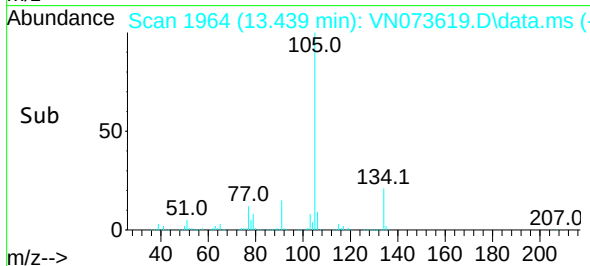
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



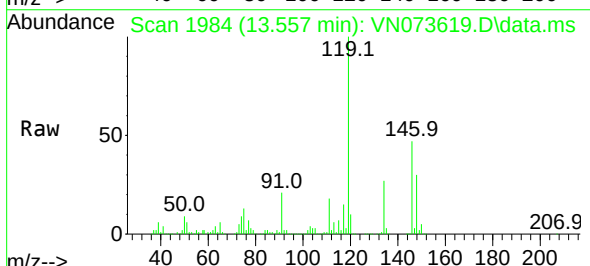
Tgt Ion:105 Resp: 115373
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
 APPROVED

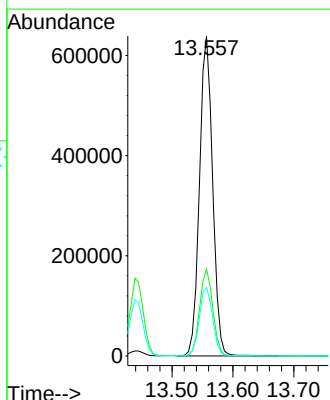
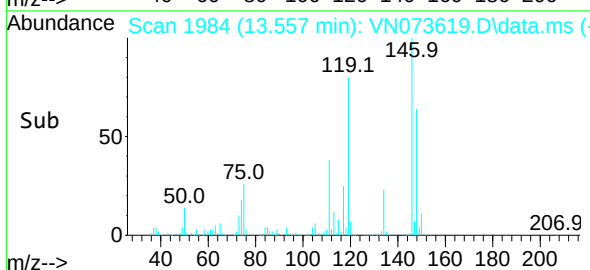
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

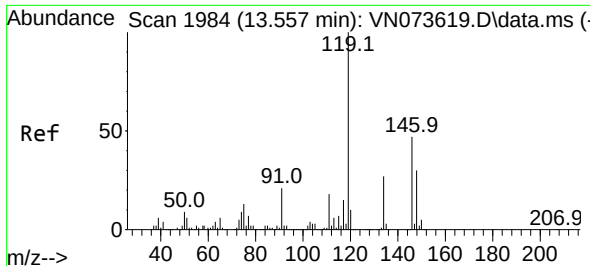


#86
 p-Isopropyltoluene
 Concen: 55.395 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073619.D
 Acq: 28 Jul 2022 12:09



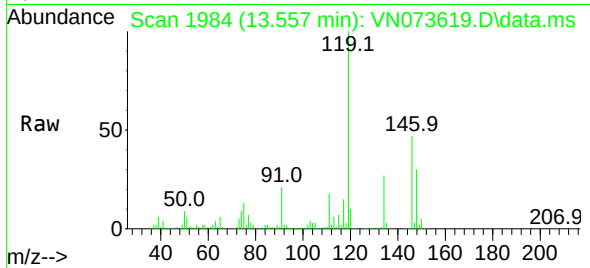
Tgt Ion:119 Resp: 953915
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 22.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.202 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

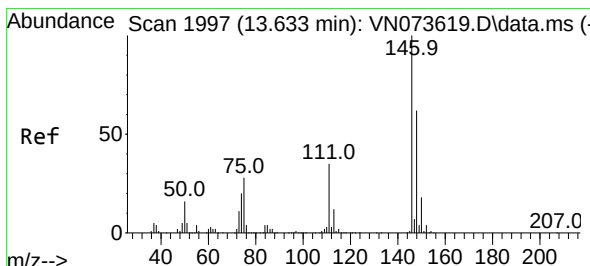
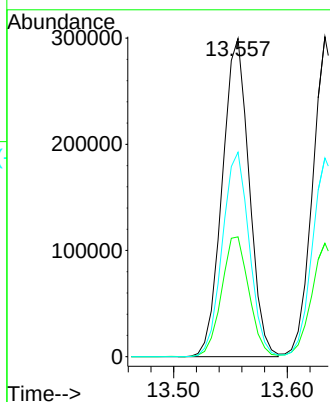
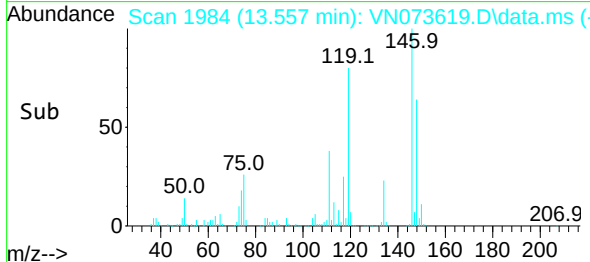
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



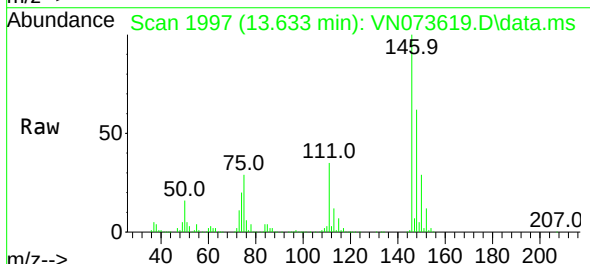
Tgt Ion:146 Resp: 492868
Ion Ratio Lower Upper
146 100
111 38.4 20.0 60.0
148 64.3 32.0 96.0

Manual Integrations
APPROVED

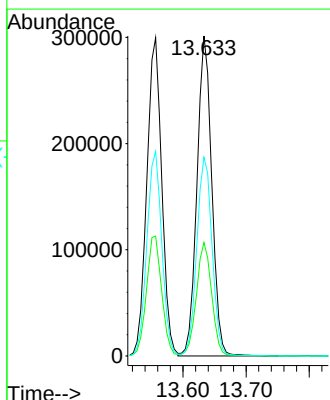
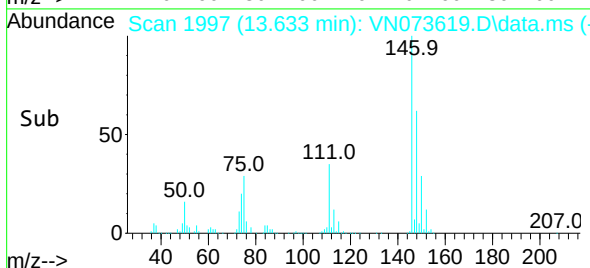
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

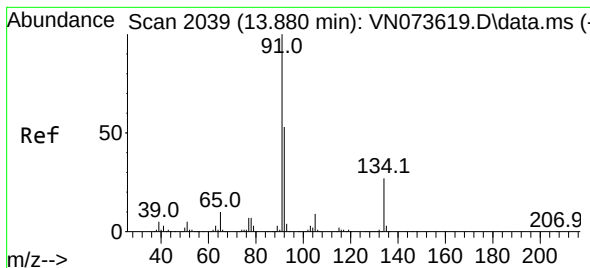


#88
1,4-Dichlorobenzene
Concen: 46.946 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion:146 Resp: 489759
Ion Ratio Lower Upper
146 100
111 36.2 19.1 57.1
148 63.9 31.4 94.3





#89

n-Butylbenzene

Concen: 53.597 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

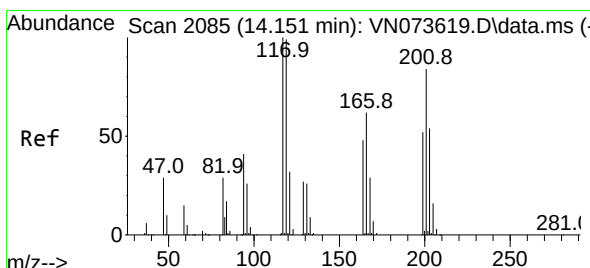
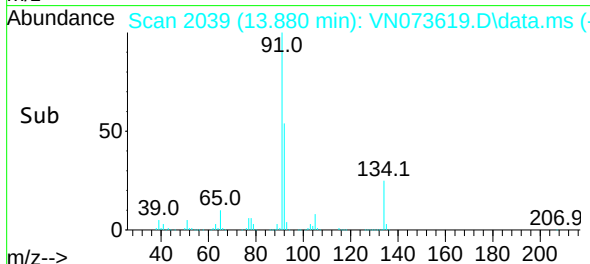
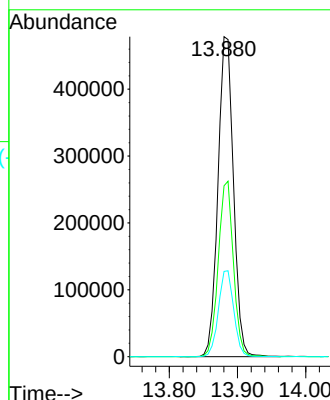
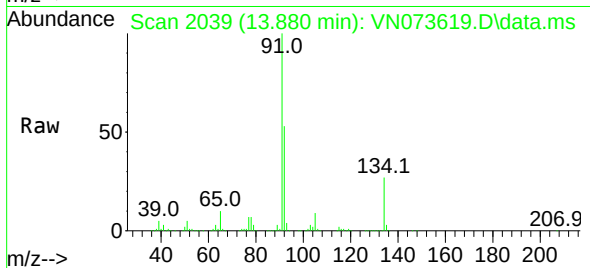
Tgt Ion:	91	Resp:	75700
Ion Ratio	Lower	Upper	
91	100		
92	53.6	26.9	80.7
134	26.6	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#90

Hexachloroethane

Concen: 47.238 ug/l

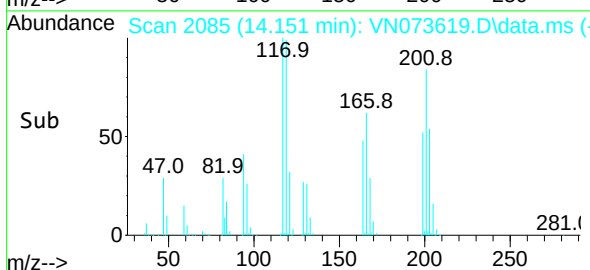
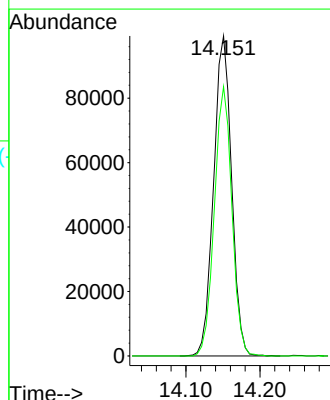
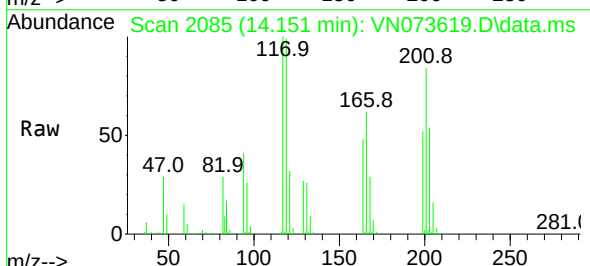
RT: 14.151 min Scan# 2085

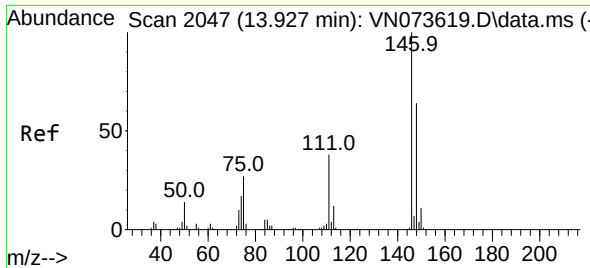
Delta R.T. 0.000 min

Lab File: VN073619.D

Acq: 28 Jul 2022 12:09

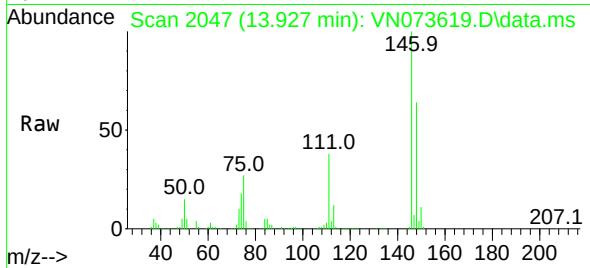
Tgt Ion:	117	Resp:	166883
Ion Ratio	Lower	Upper	
117	100		
201	82.5	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 47.535 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

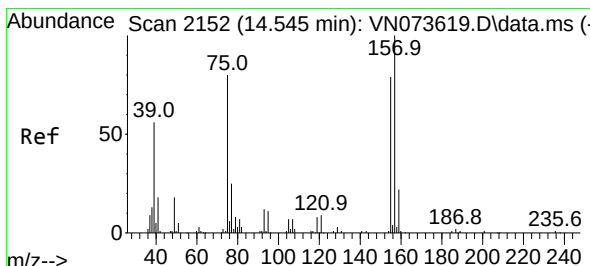
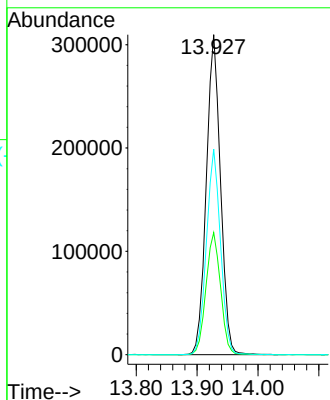
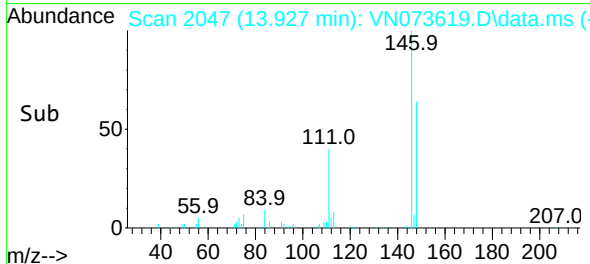
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



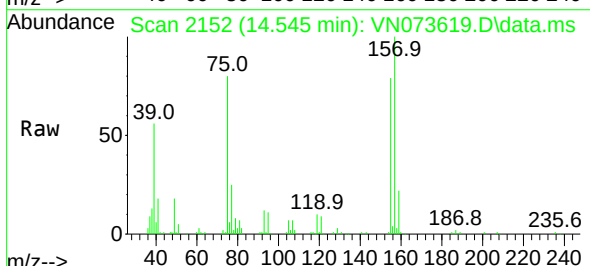
Tgt Ion:146 Resp: 50096
Ion Ratio Lower Upper
146 100
111 39.1 20.9 62.8
148 63.9 32.1 96.3

Manual Integrations
APPROVED

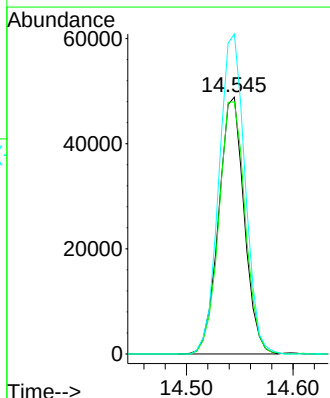
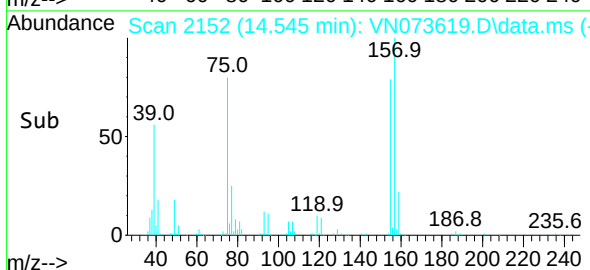
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

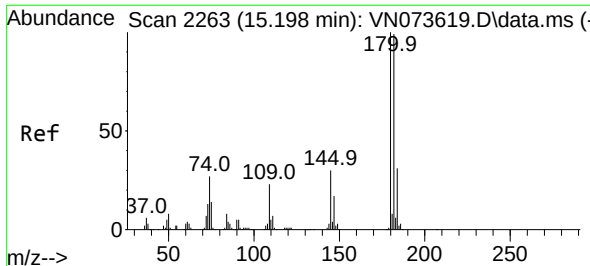


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.613 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



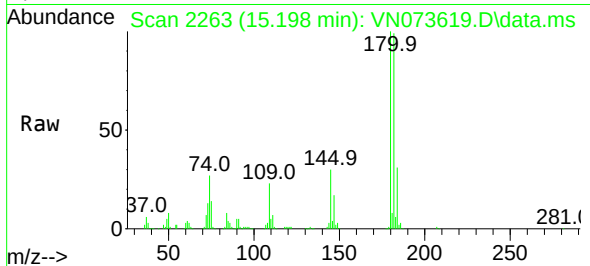
Tgt Ion: 75 Resp: 81217
Ion Ratio Lower Upper
75 100
155 101.1 44.9 134.5
157 127.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 53.684 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

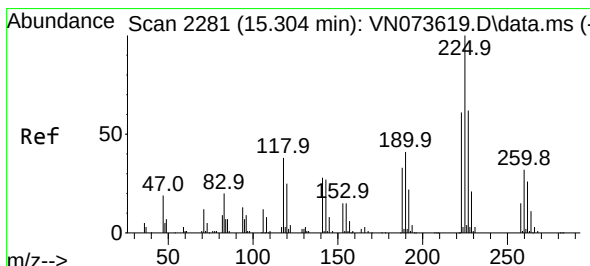
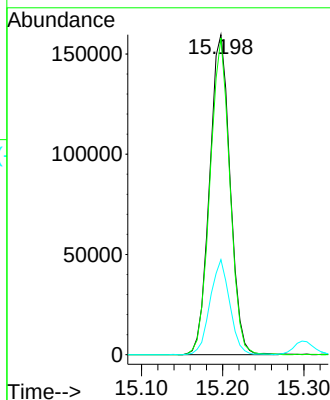
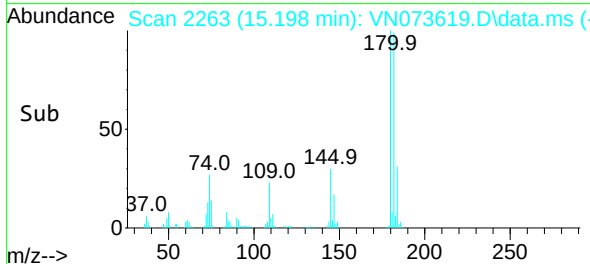
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



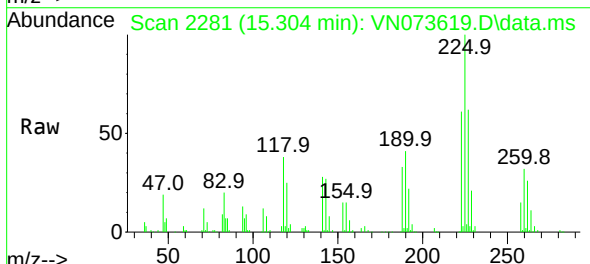
Tgt Ion:180 Resp: 279669
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 28.6 14.5 43.5

Manual Integrations
APPROVED

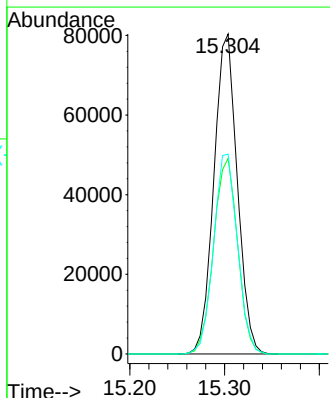
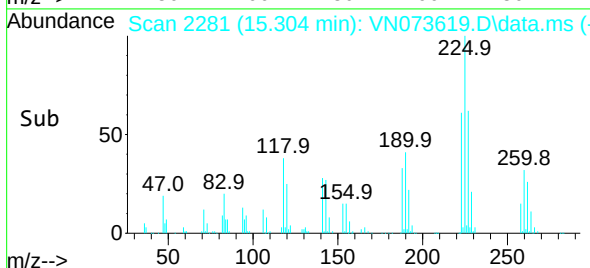
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

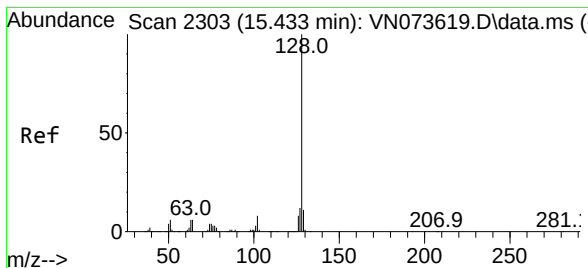


#94
Hexachlorobutadiene
Concen: 48.623 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



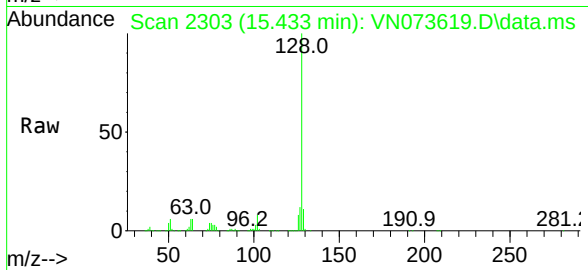
Tgt Ion:225 Resp: 137970
Ion Ratio Lower Upper
225 100
223 62.7 32.4 97.2
227 63.7 31.8 95.4





#95
Naphthalene
Concen: 56.619 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09

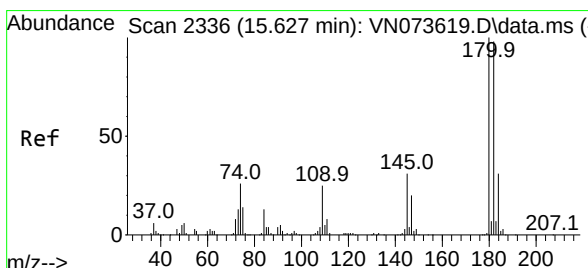
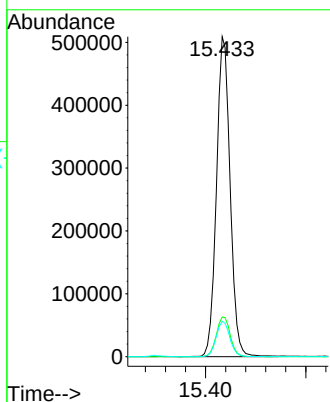
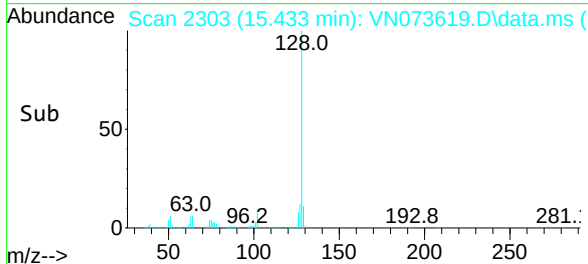
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



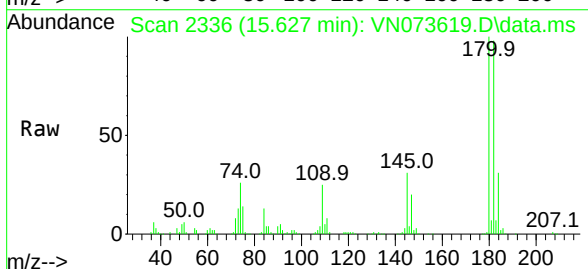
Tgt Ion:128 Resp: 95927
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.067 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073619.D
Acq: 28 Jul 2022 12:09



Tgt Ion:180 Resp: 289282
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 29.9 15.5 46.5

