

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081522\
 Data File : VN073910.D
 Acq On : 15 Aug 2022 21:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/16/2022
 Supervised By : Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 00:00:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 15 23:50:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	632667	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	938177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	871069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	450101	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	337144	54.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.420%	
35) Dibromofluoromethane	7.951	113	302217	54.470	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.940%	
50) Toluene-d8	10.381	98	1171517	54.519	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.040%	
62) 4-Bromofluorobenzene	12.669	95	412769	57.880	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	262513	52.329	ug/l	96
3) Chloromethane	2.269	50	291045	52.172	ug/l	98
4) Vinyl Chloride	2.405	62	365824	51.082	ug/l	98
5) Bromomethane	2.787	94	188395	42.126	ug/l	98
6) Chloroethane	2.957	64	236655	46.777	ug/l	97
7) Trichlorofluoromethane	3.310	101	510139	55.220	ug/l	98
8) Diethyl Ether	3.763	74	172572	50.322	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	259665	48.385	ug/l	93
10) Methyl Iodide	4.351	142	344095	53.407	ug/l	98
11) Tert butyl alcohol	5.293	59	379329	275.200	ug/l	99
12) 1,1-Dichloroethene	4.110	96	247447	49.556	ug/l	93
13) Acrolein	3.981	56	298347	309.230	ug/l	98
14) Allyl chloride	4.763	41	371462	50.231	ug/l	99
15) Acrylonitrile	5.475	53	904347	268.735	ug/l	100
16) Acetone	4.222	43	766666	263.711	ug/l	100
17) Carbon Disulfide	4.457	76	576556	48.562	ug/l	99
18) Methyl Acetate	4.769	43	427001	59.237	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	936540	52.078	ug/l	95
20) Methylene Chloride	5.010	84	292980	47.758	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	269870	49.057	ug/l	93
22) Diisopropyl ether	6.410	45	828594	52.847	ug/l	97
23) Vinyl Acetate	6.351	43	3645139	271.288	ug/l	99
24) 1,1-Dichloroethane	6.304	63	495084	50.727	ug/l	97
25) 2-Butanone	7.257	43	1254339	272.108	ug/l	98
26) 2,2-Dichloropropane	7.245	77	369388	40.285	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	338370	49.854	ug/l	91
28) Bromochloromethane	7.581	49	175870	48.858	ug/l	86
29) Tetrahydrofuran	7.610	42	806448	272.722	ug/l	96
30) Chloroform	7.745	83	546285	50.057	ug/l	99
31) Cyclohexane	8.022	56	421914	49.115	ug/l	95
32) 1,1,1-Trichloroethane	7.939	97	489966	50.627	ug/l	97
36) 1,1-Dichloropropene	8.151	75	381427	49.495	ug/l	98
37) Ethyl Acetate	7.340	43	469277	50.264	ug/l	98
38) Carbon Tetrachloride	8.134	117	425964	48.358	ug/l	99
39) Methylcyclohexane	9.392	83	493452	51.102	ug/l	95
40) Benzene	8.392	78	1193883	49.085	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	233747	55.401	ug/l	94
42) 1,2-Dichloroethane	8.463	62	417203	49.886	ug/l	99
43) Isopropyl Acetate	8.498	43	712375	53.561	ug/l	99
44) Trichloroethene	9.151	130	340466	48.465	ug/l	93
45) 1,2-Dichloropropane	9.428	63	289852	49.719	ug/l	100
46) Dibromomethane	9.516	93	220100	49.658	ug/l	92
47) Bromodichloromethane	9.698	83	420431	49.628	ug/l	99
48) Methyl methacrylate	9.498	41	312580	54.926	ug/l	91
49) 1,4-Dioxane	9.504	88	174179	1029.199	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2429732	270.202	ug/l	99
52) Toluene	10.445	92	798721	47.890	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	457824	51.501	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	484926	49.856	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	334483	51.556	ug/l	98
56) Ethyl methacrylate	10.704	69	522126	56.426	ug/l	96
57) 1,3-Dichloropropane	10.986	76	536692	50.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	1139856	263.556	ug/l	96
59) 2-Hexanone	11.028	43	1923596	277.955	ug/l	100
60) Dibromochloromethane	11.180	129	360559	50.255	ug/l	100
61) 1,2-Dibromoethane	11.286	107	350131	50.457	ug/l	97
64) Tetrachloroethene	10.916	164	317475	46.177	ug/l	98
65) Chlorobenzene	11.710	112	893457	48.263	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	338607	48.302	ug/l	98
67) Ethyl Benzene	11.786	91	1549983	50.346	ug/l	97
68) m/p-Xylenes	11.892	106	1228748	98.229	ug/l	97
69) o-Xylene	12.222	106	622347	49.613	ug/l	95
70) Styrene	12.233	104	1018618	51.868	ug/l	98
71) Bromoform	12.398	173	299174	47.801	ug/l #	100
73) Isopropylbenzene	12.522	105	1590240	48.520	ug/l	97
74) N-amyl acetate	12.327	43	628098	50.693	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	523051	47.557	ug/l	97
76) 1,2,3-Trichloropropane	12.822	75	455677m	47.997	ug/l	
77) Bromobenzene	12.798	156	416685	46.969	ug/l	92
78) n-propylbenzene	12.863	91	1756779	50.285	ug/l	97
79) 2-Chlorotoluene	12.945	91	1060035	48.689	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1345328	50.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	156724	47.647	ug/l	97
82) 4-Chlorotoluene	13.045	91	1037115	50.155	ug/l	96
83) tert-Butylbenzene	13.263	119	1228907	50.095	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	1354872	50.894	ug/l	100
85) sec-Butylbenzene	13.439	105	1678727	52.791	ug/l	98
86) p-Isopropyltoluene	13.557	119	1451309	53.573	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	742973	48.292	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	747002	47.911	ug/l	98
89) n-Butylbenzene	13.880	91	1151413	53.661	ug/l	98
90) Hexachloroethane	14.151	117	234488	47.354	ug/l	89
91) 1,2-Dichlorobenzene	13.927	146	759899	47.831	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	125676	48.395	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	505765	52.306	ug/l	100
94) Hexachlorobutadiene	15.298	225	245217	48.110	ug/l	99
95) Naphthalene	15.433	128	1741463	55.243	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	526572	52.687	ug/l	99

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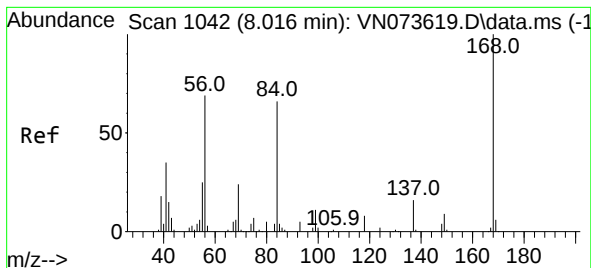
Manual Integrations
APPROVED

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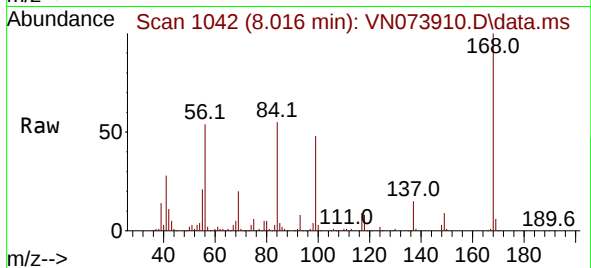
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073910.D
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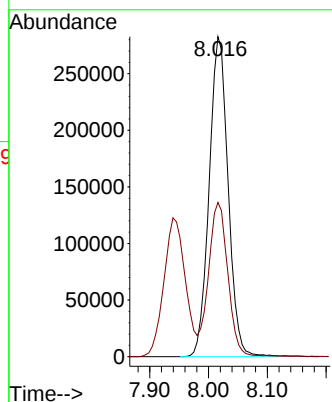
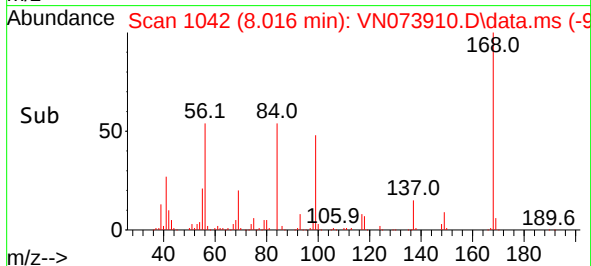
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 63266
Ion Ratio Lower Upper
168 100
99 48.0 42.3 63.5

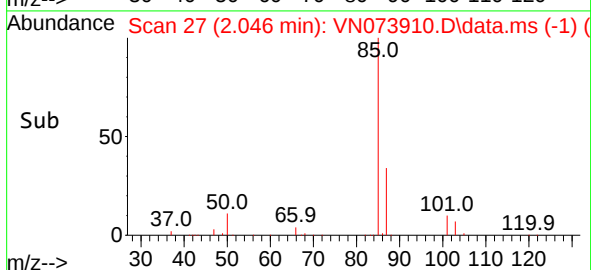
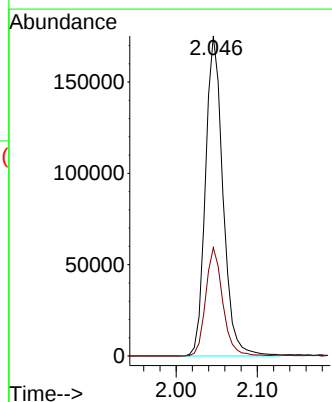
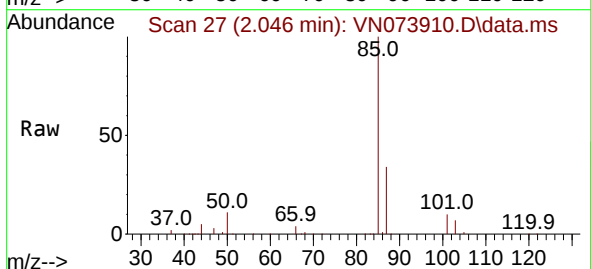
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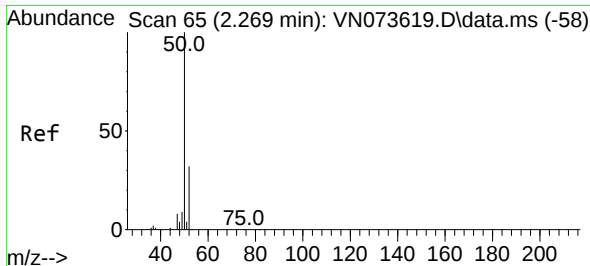
Reviewed By :John Carlone 08/16/2022
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#2
Dichlorodifluoromethane
Concen: 52.329 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

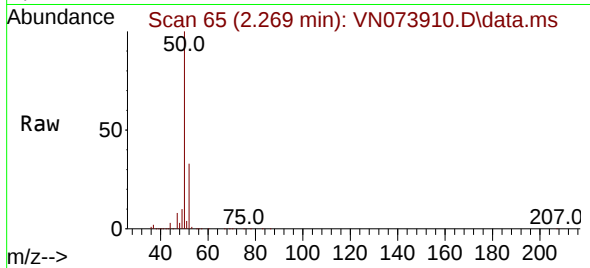
Tgt Ion: 85 Resp: 262513
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.1





#3
Chloromethane
Concen: 52.172 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

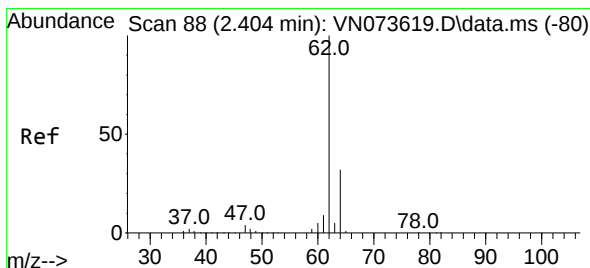
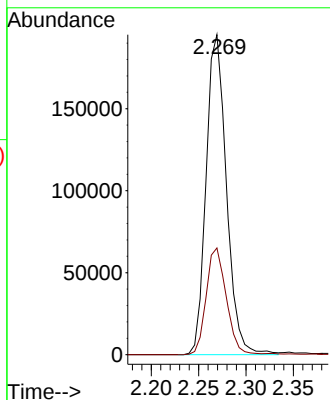
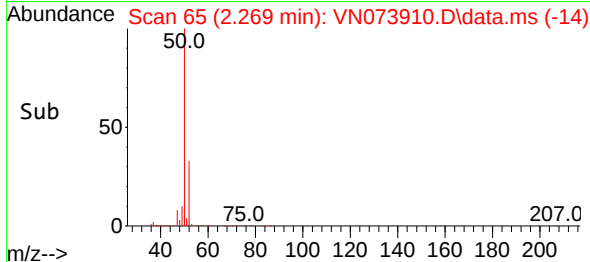
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Tgt Ion: 50 Resp: 291045
Ion Ratio Lower Upper
50 100
52 33.3 25.7 38.5

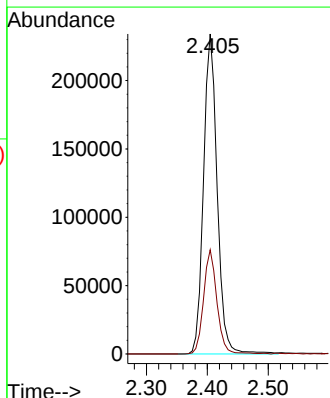
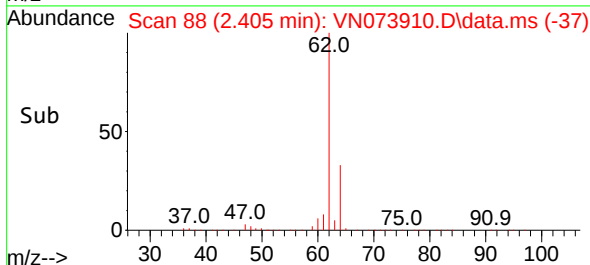
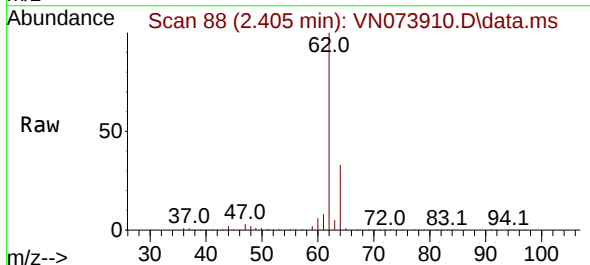
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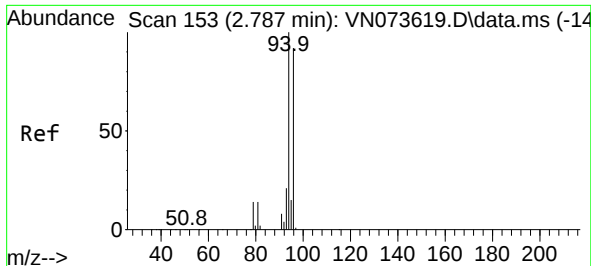
Reviewed By :John Carlone 08/16/2022
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#4
Vinyl Chloride
Concen: 51.082 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

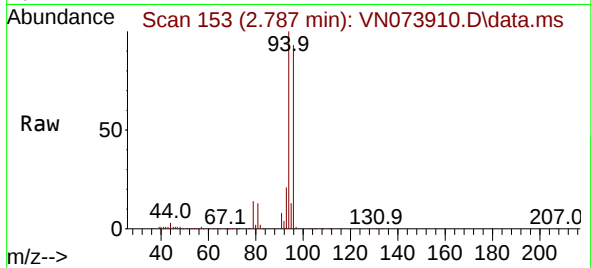
Tgt Ion: 62 Resp: 365824
Ion Ratio Lower Upper
62 100
64 32.5 25.0 37.4





#5
Bromomethane
Concen: 42.126 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

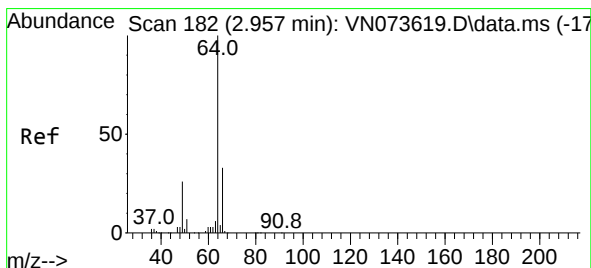
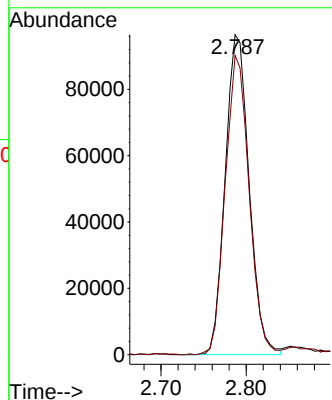
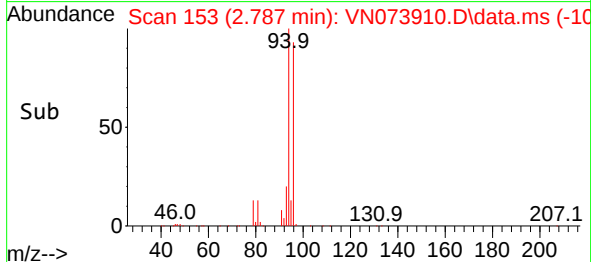
Instrument :
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Tgt Ion: 94 Resp: 18839
Ion Ratio Lower Upper
94 100
96 93.5 76.0 114.0

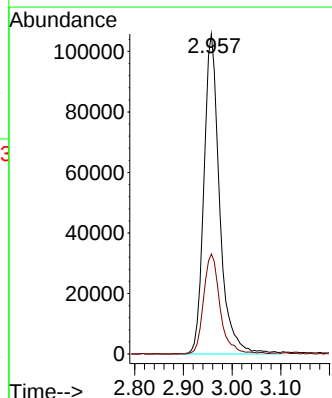
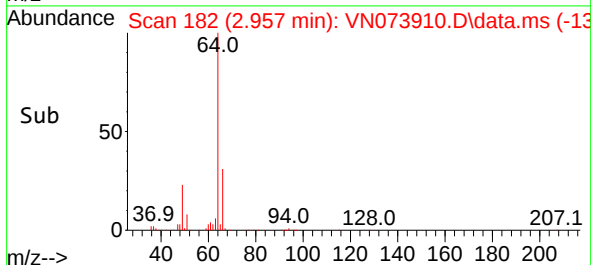
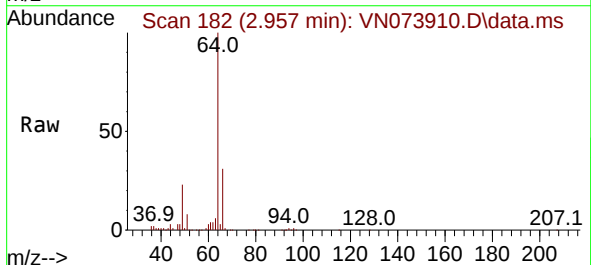
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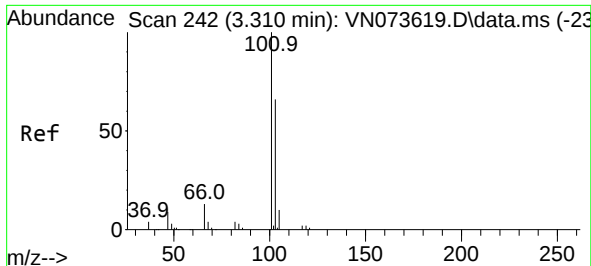
Reviewed By :John Carlone 08/16/2022
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#6
Chloroethane
Concen: 46.777 ug/l
RT: 2.957 min Scan# 182
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

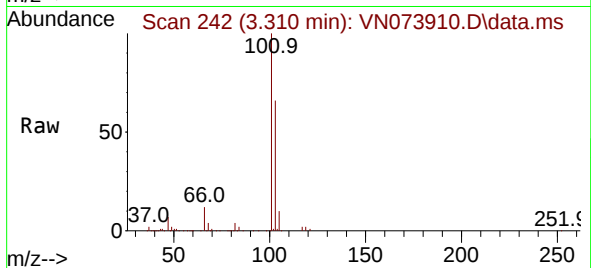
Tgt Ion: 64 Resp: 236655
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 55.220 ug/l
 RT: 3.310 min Scan# 242
 Delta R.T. 0.000 min
 Lab File: VN073910.D
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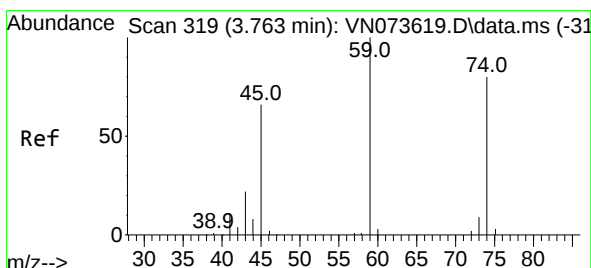
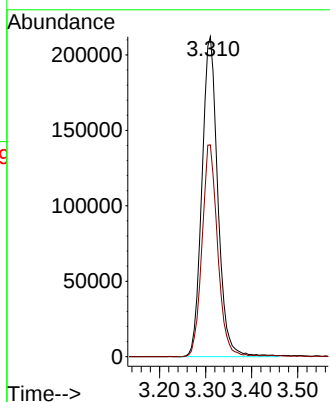
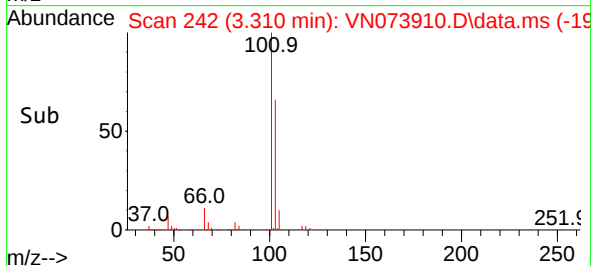
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 510139
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.5 77.3

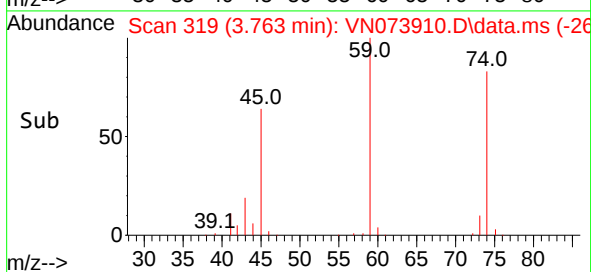
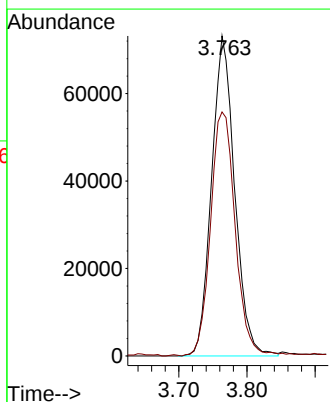
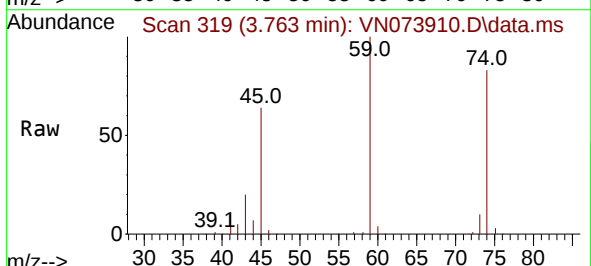
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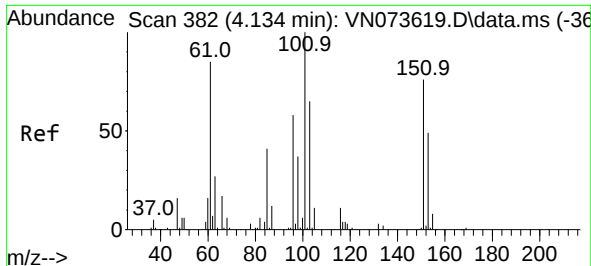
Reviewed By :John Carlone 08/16/2022
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#8
 Diethyl Ether
 Concen: 50.322 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 172572
 Ion Ratio Lower Upper
 74 100
 45 81.8 42.9 128.5





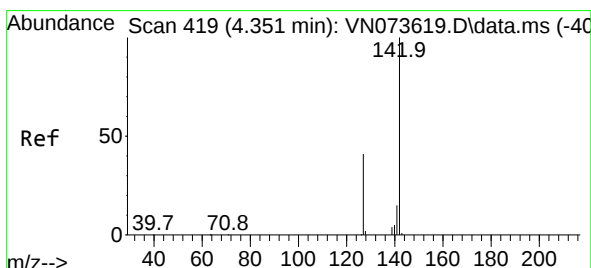
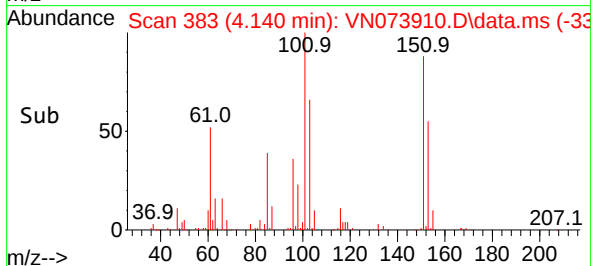
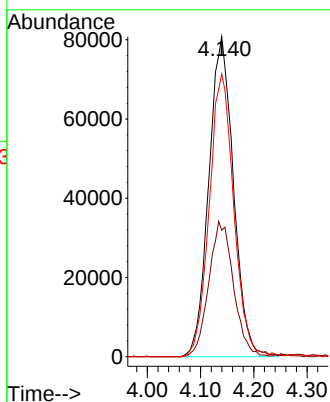
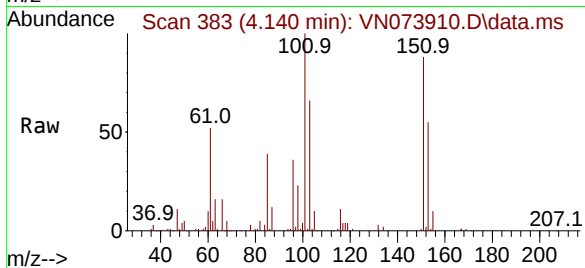
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.385 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 25966
Ion Ratio Lower Upper
101 100
85 42.4 34.7 52.1
151 87.6 63.0 94.4

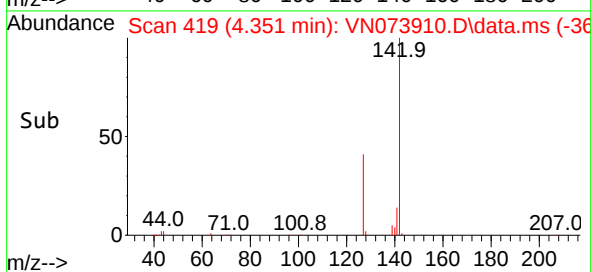
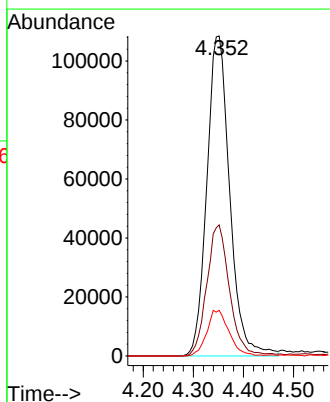
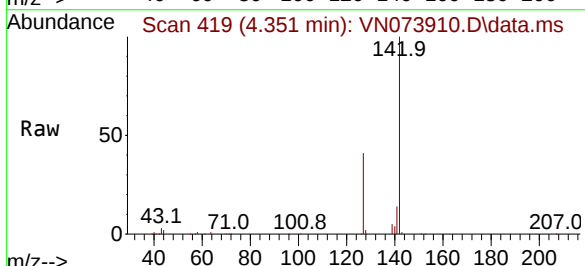
Manual Integrations
APPROVED

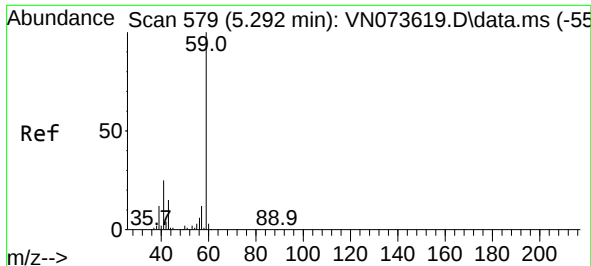
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#10
Methyl Iodide
Concen: 53.407 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

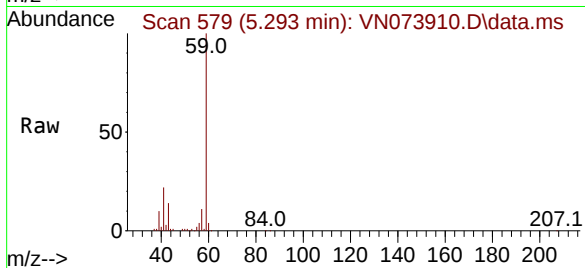
Tgt Ion:142 Resp: 344095
Ion Ratio Lower Upper
142 100
127 40.5 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 275.200 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

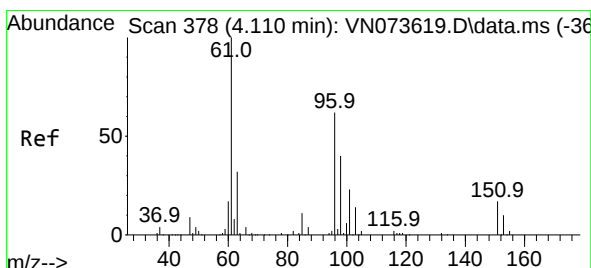
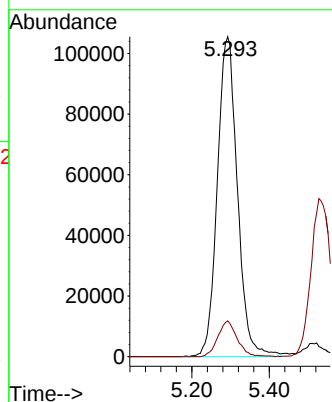
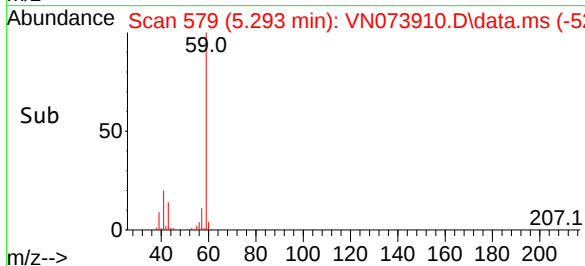
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 379329
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

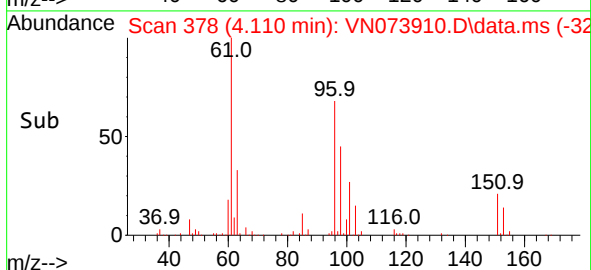
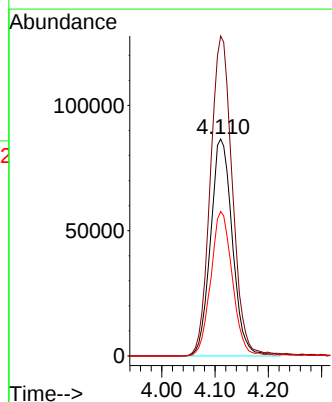
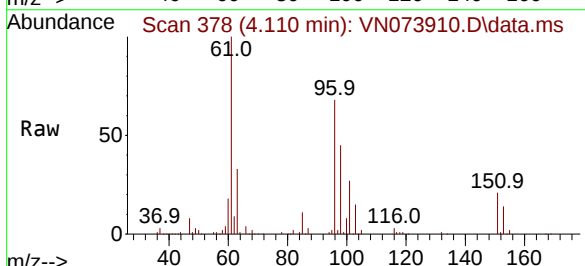
Manual Integrations
APPROVED

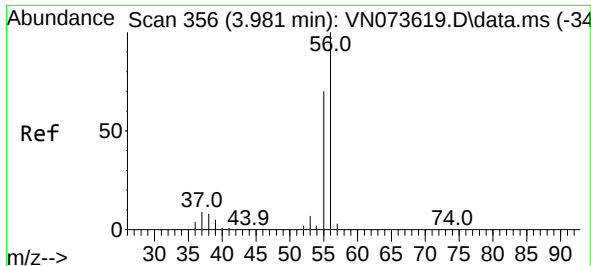
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#12
1,1-Dichloroethene
Concen: 49.556 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

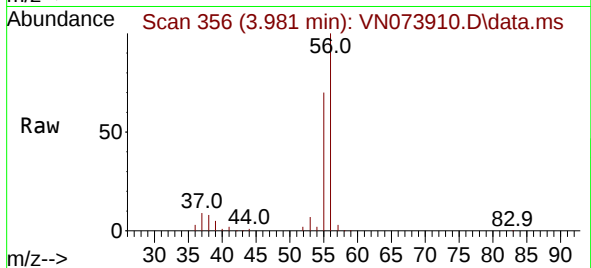
Tgt Ion: 96 Resp: 247447
Ion Ratio Lower Upper
96 100
61 147.5 127.6 191.4
98 66.6 51.2 76.8





#13
Acrolein
Concen: 309.230 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

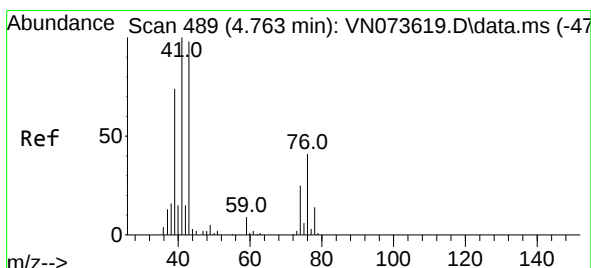
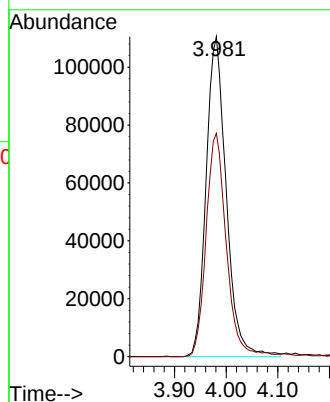
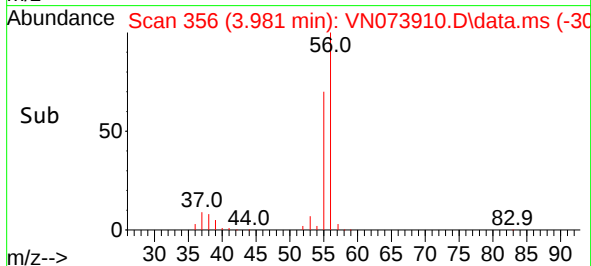
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 29834
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2

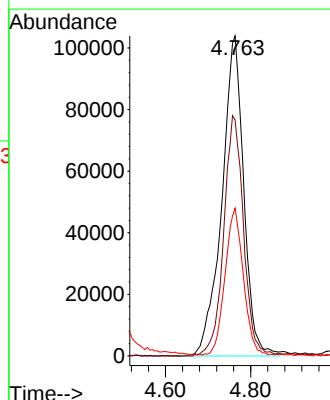
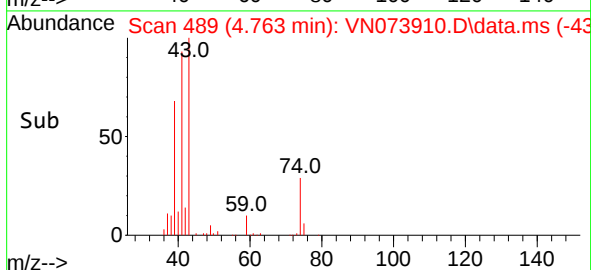
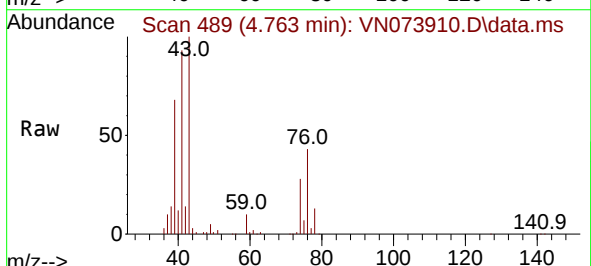
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#14
Allyl chloride
Concen: 50.231 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

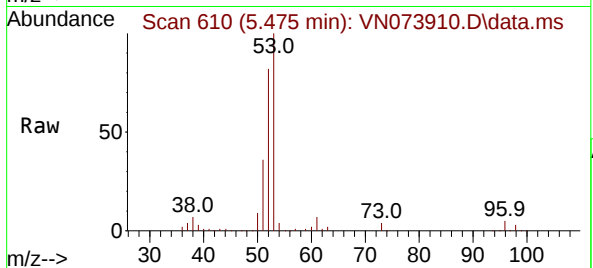
Tgt Ion: 41 Resp: 371462
Ion Ratio Lower Upper
41 100
39 67.7 53.2 79.8
76 38.1 29.9 44.9





#15
Acrylonitrile
Concen: 268.735 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

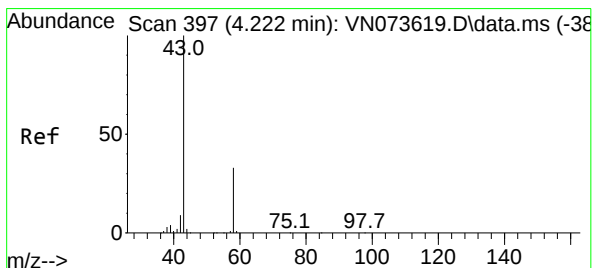
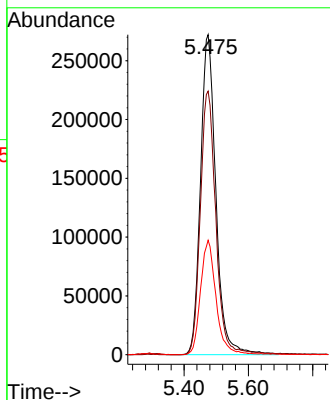
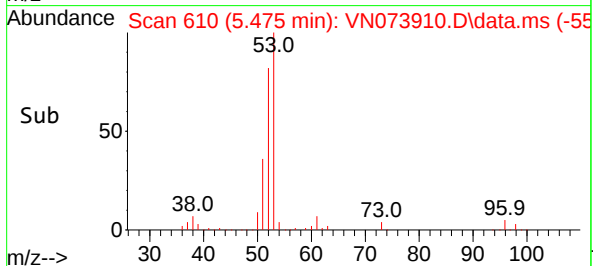
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 90434
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 36.0 28.5 42.7

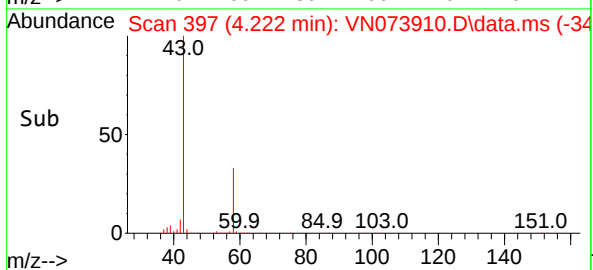
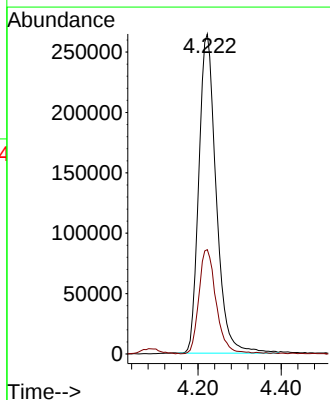
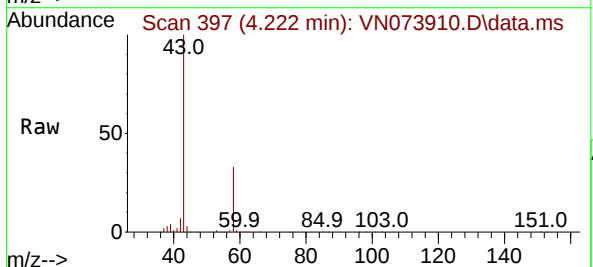
Manual Integrations
APPROVED

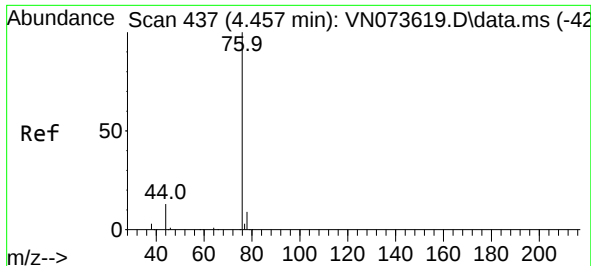
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#16
Acetone
Concen: 263.711 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

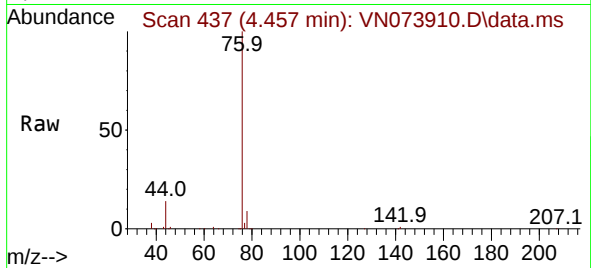
Tgt Ion: 43 Resp: 766666
Ion Ratio Lower Upper
43 100
58 32.5 26.0 39.0





#17
Carbon Disulfide
Concen: 48.562 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

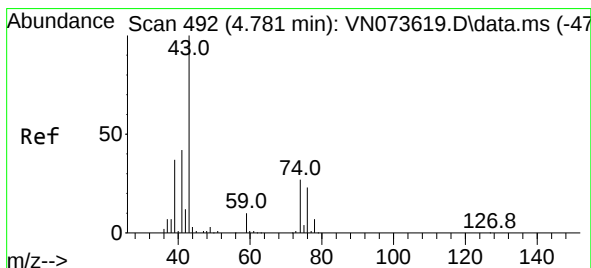
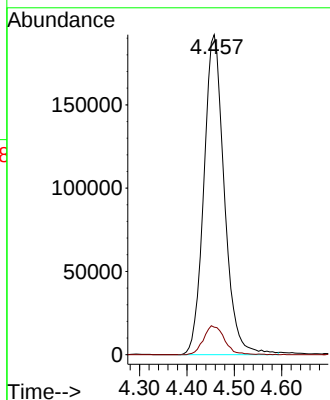
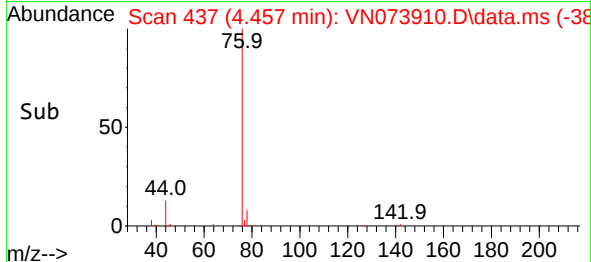
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 576550
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

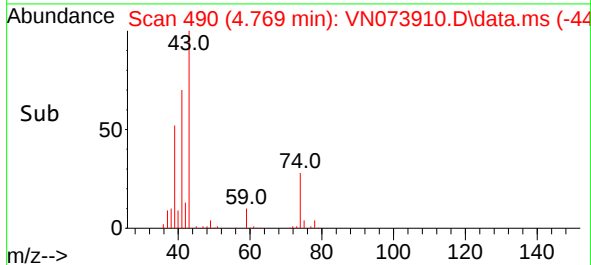
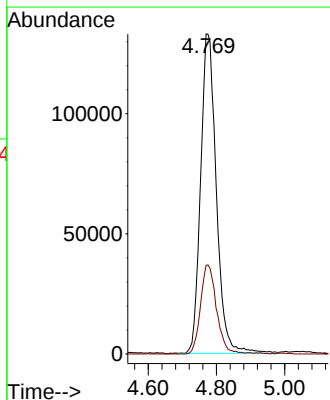
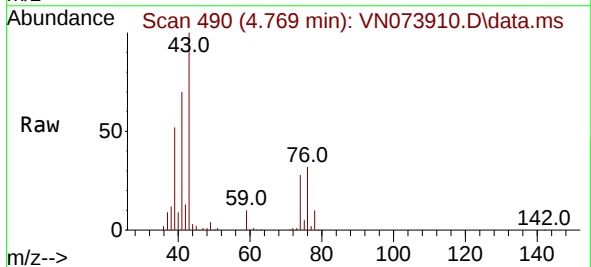
Manual Integrations
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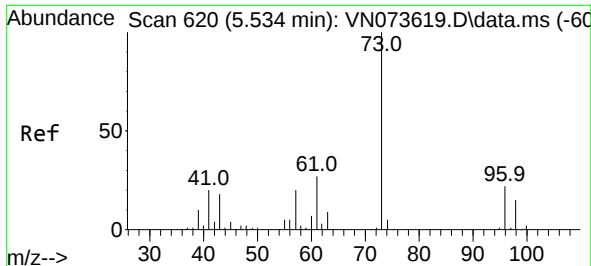
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#18
Methyl Acetate
Concen: 59.237 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

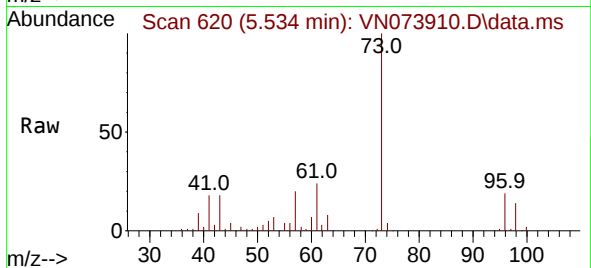
Tgt Ion: 43 Resp: 427001
Ion Ratio Lower Upper
43 100
74 28.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 52.078 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

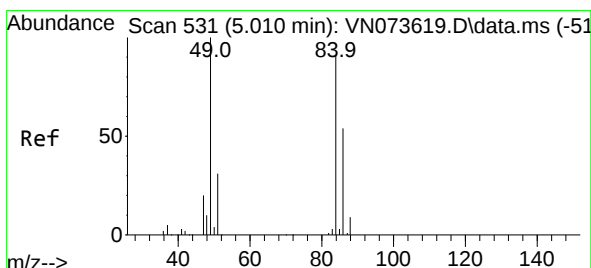
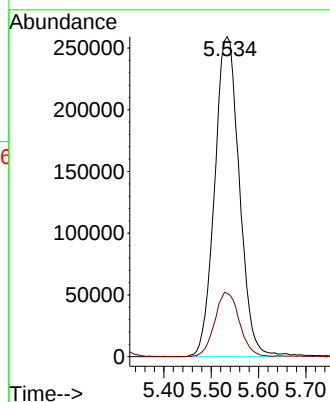
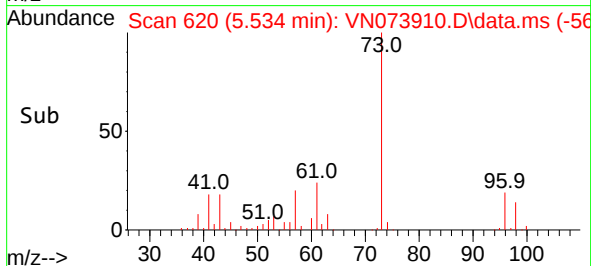
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 936540
Ion Ratio Lower Upper
73 100
57 19.7 17.6 26.4

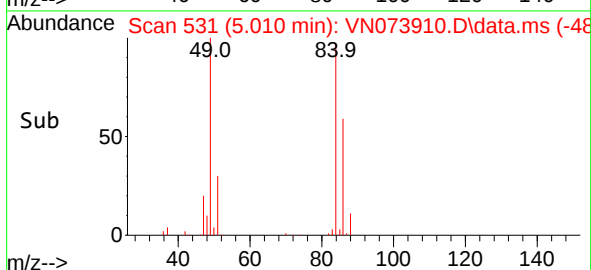
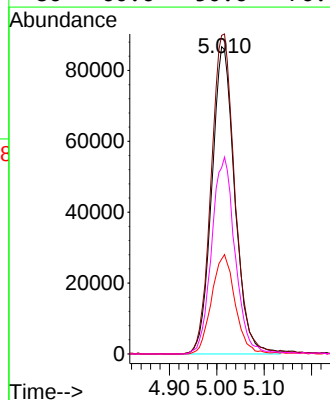
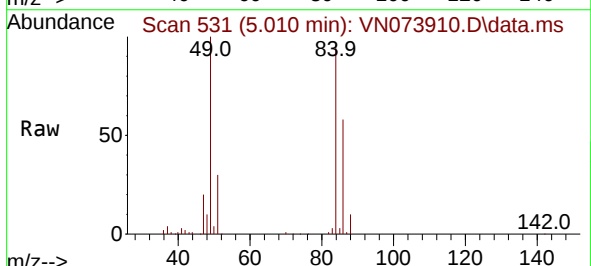
Manual Integrations
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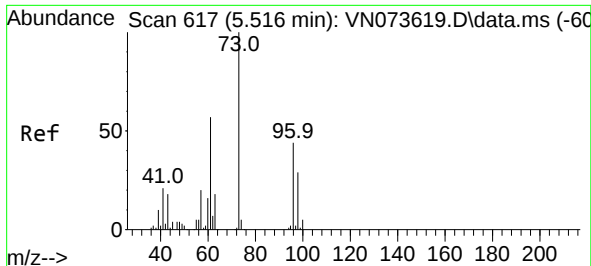
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 47.758 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

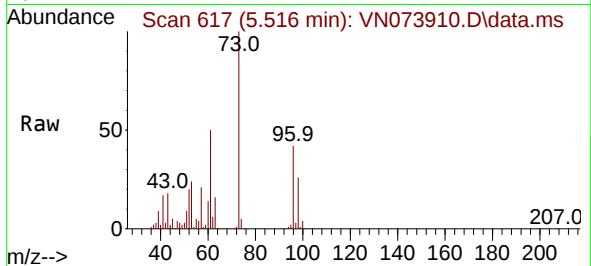
Tgt Ion: 84 Resp: 292980
Ion Ratio Lower Upper
84 100
49 103.7 88.3 132.5
51 30.9 28.2 42.2
86 60.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.057 ug/l
RT: 5.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

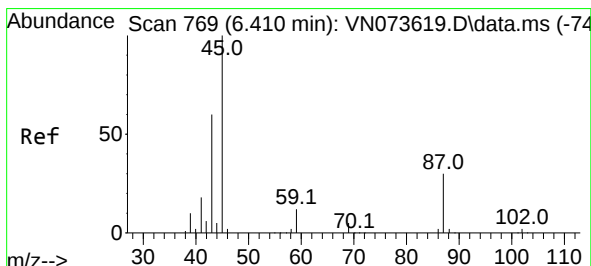
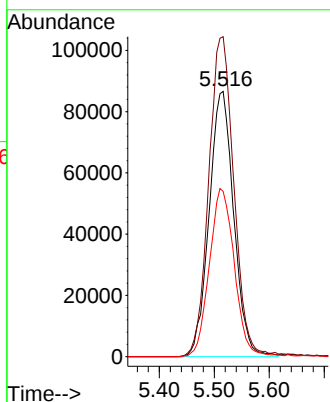
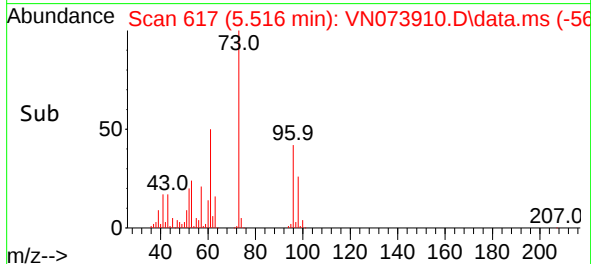
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 269870
Ion Ratio Lower Upper
96 100
61 120.6 105.8 158.8
98 62.3 50.3 75.5

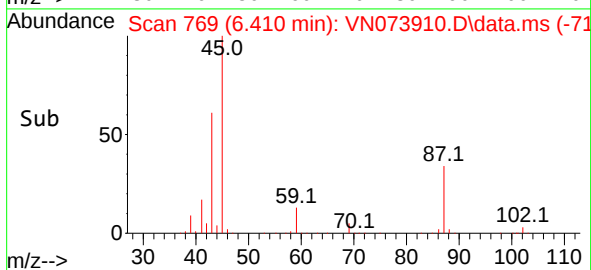
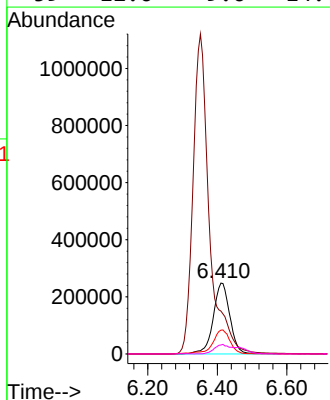
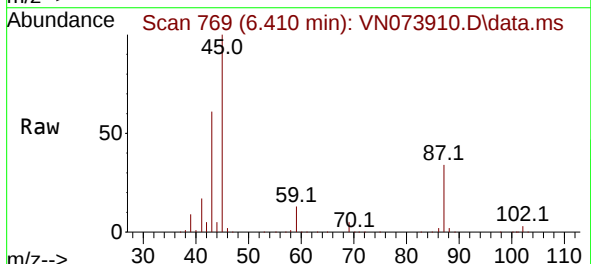
Manual Integrations
APPROVED

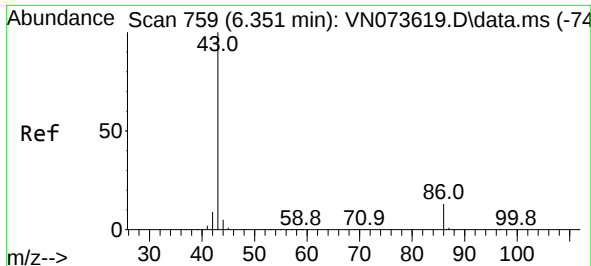
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 52.847 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

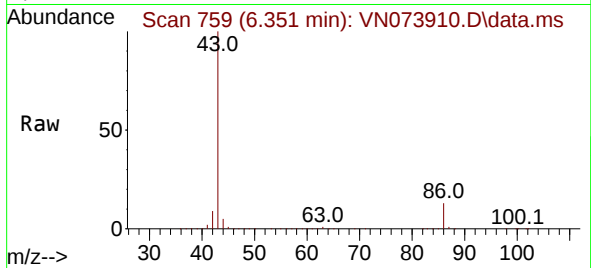
Tgt Ion: 45 Resp: 828594
Ion Ratio Lower Upper
45 100
43 59.5 46.6 70.0
87 33.4 24.3 36.5
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 271.288 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073910.D
 Acq: 15 Aug 2022 21:13

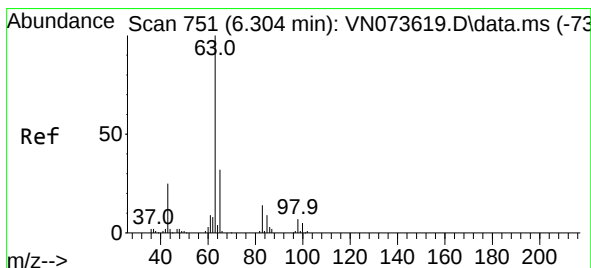
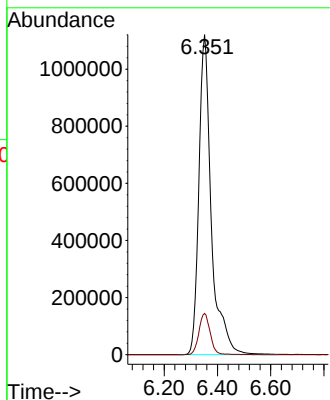
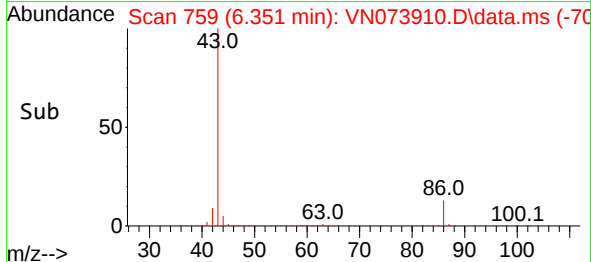
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



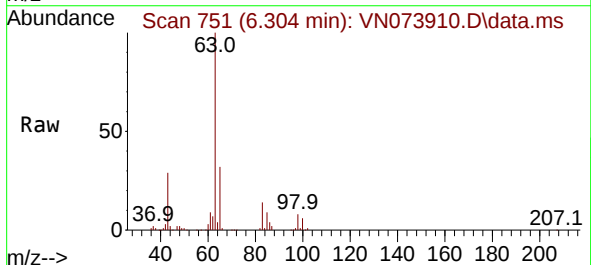
Tgt Ion: 43 Resp: 3645139
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.0 15.0

Manual Integrations
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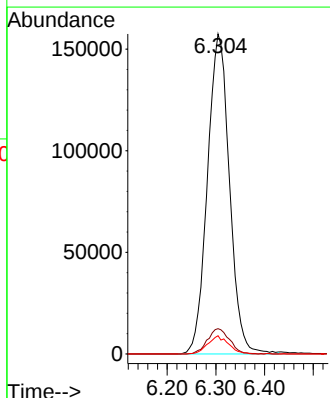
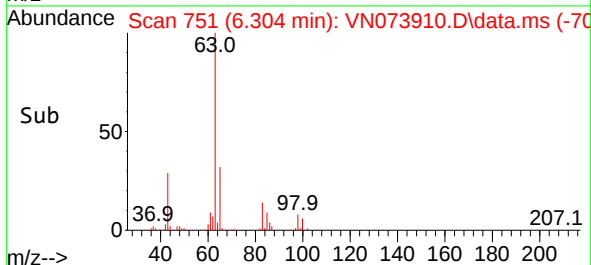
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

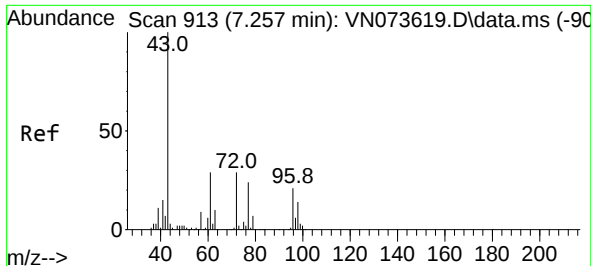


#24
 1,1-Dichloroethane
 Concen: 50.727 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073910.D
 Acq: 15 Aug 2022 21:13



Tgt Ion: 63 Resp: 495084
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.7 2.3 6.8





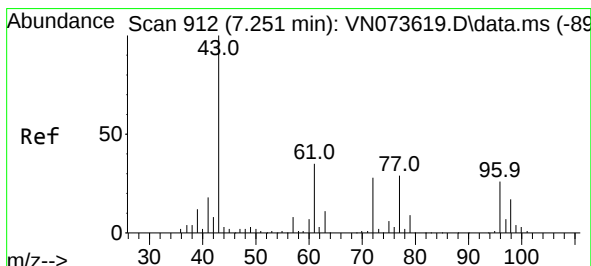
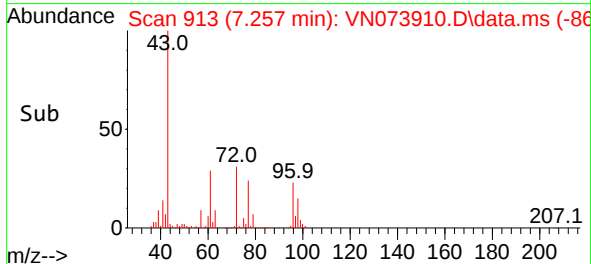
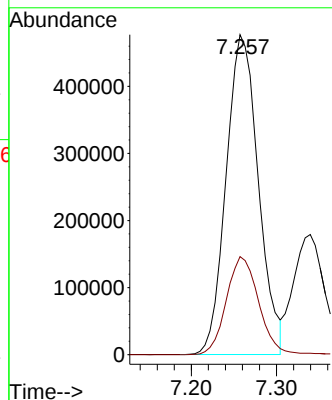
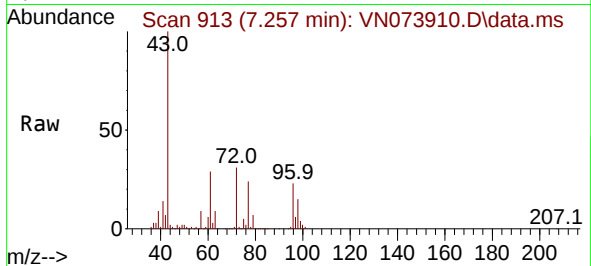
#25
2-Butanone
Concen: 272.108 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1254339
Ion Ratio Lower Upper
43 100
72 30.7 23.7 35.5

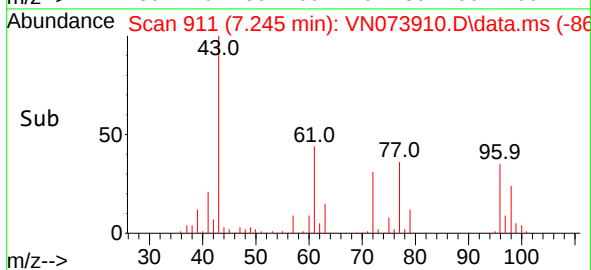
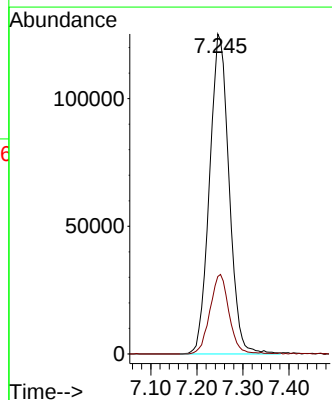
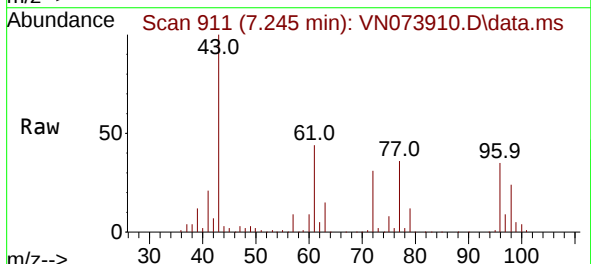
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#26
2,2-Dichloropropane
Concen: 40.285 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

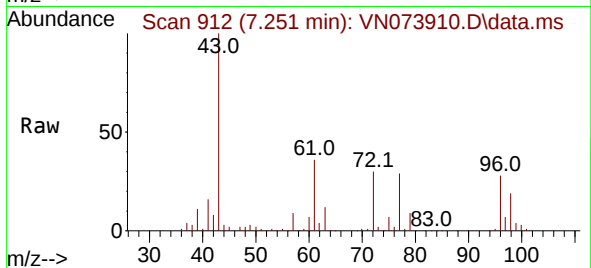
Tgt Ion: 77 Resp: 369388
Ion Ratio Lower Upper
77 100
97 24.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 49.854 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN073910.D
 Acq: 15 Aug 2022 21:13

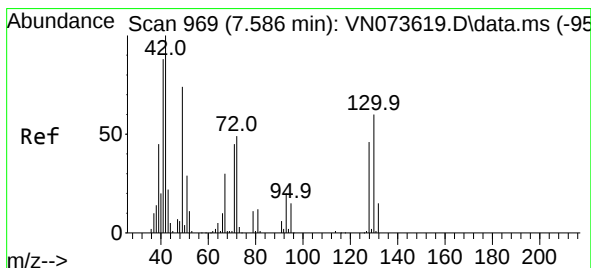
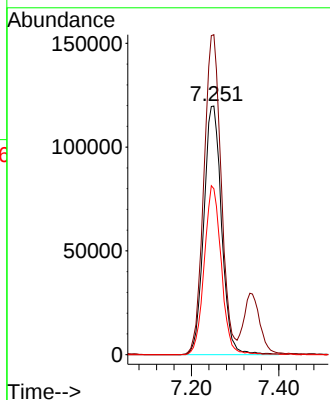
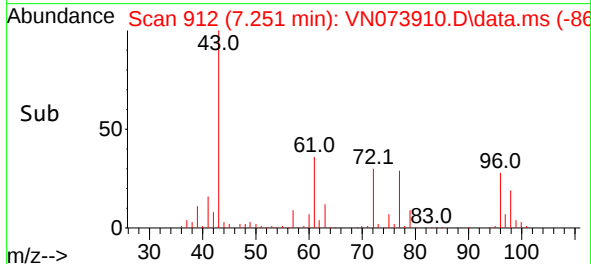
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 338370
 Ion Ratio Lower Upper
 96 100
 61 125.8 0.0 280.6
 98 65.1 0.0 128.4

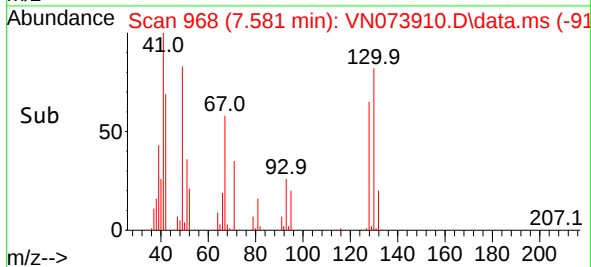
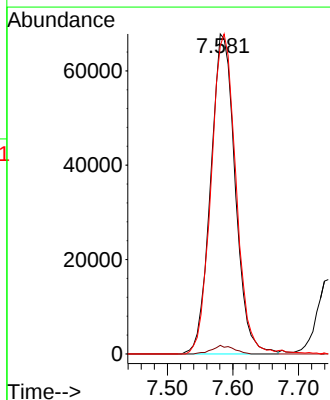
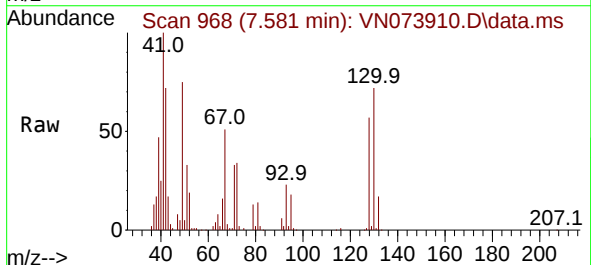
Manual Integrations
 APPROVED

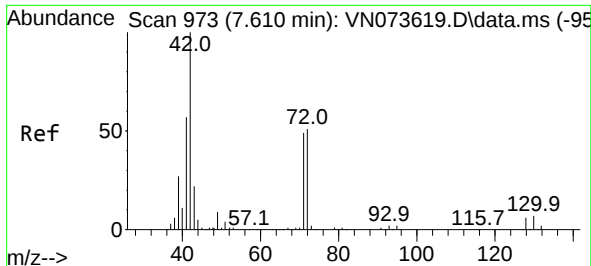
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#28
 Bromochloromethane
 Concen: 48.858 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073910.D
 Acq: 15 Aug 2022 21:13

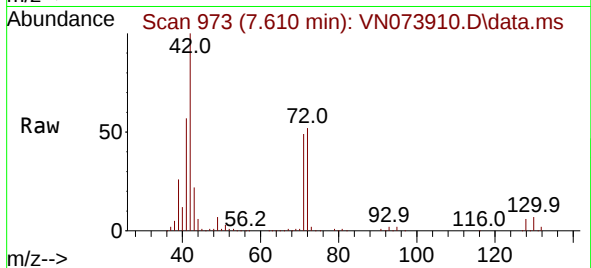
Tgt Ion: 49 Resp: 175870
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 100.6 69.7 104.5





#29
Tetrahydrofuran
Concen: 272.722 ug/l
RT: 7.610 min Scan# 910
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

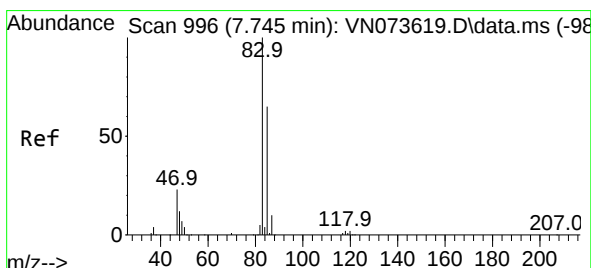
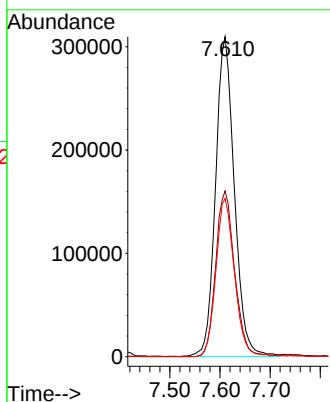
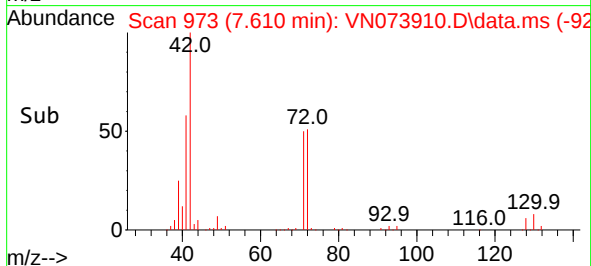
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



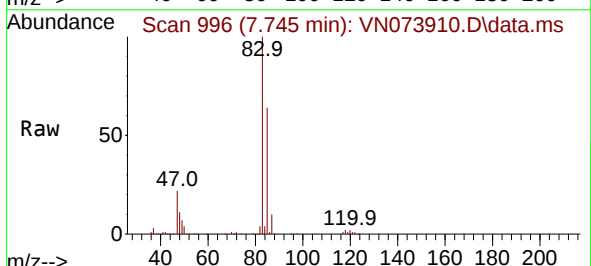
Tgt Ion: 42 Resp: 806448
Ion Ratio Lower Upper
42 100
72 52.1 39.7 59.5
71 49.0 36.6 55.0

Manual Integrations
APPROVED

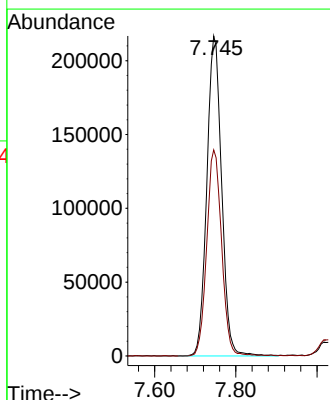
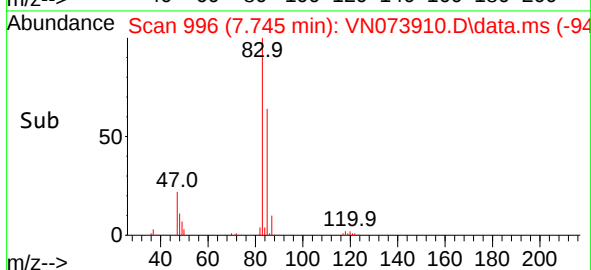
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

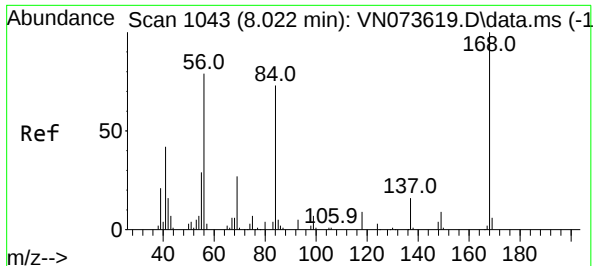


#30
Chloroform
Concen: 50.057 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



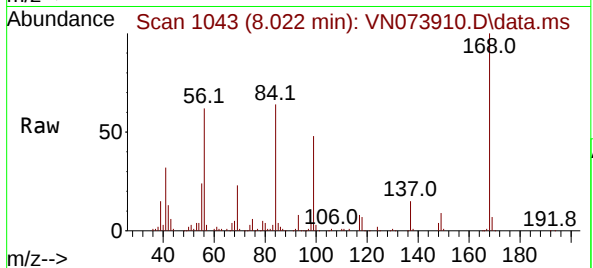
Tgt Ion: 83 Resp: 546285
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8





#31
Cyclohexane
Concen: 49.115 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

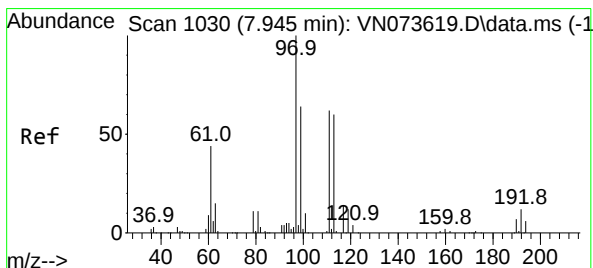
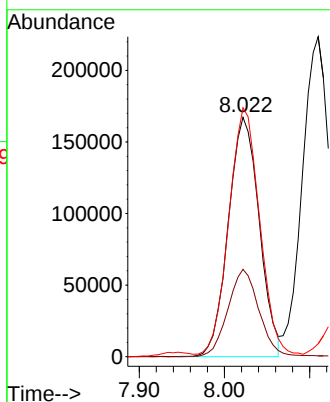
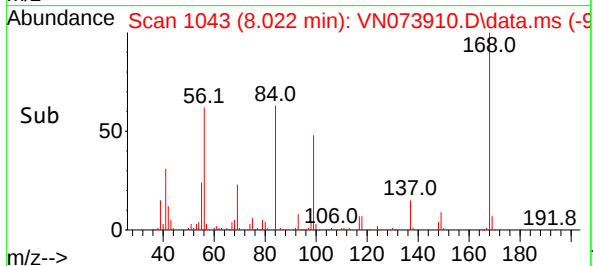
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



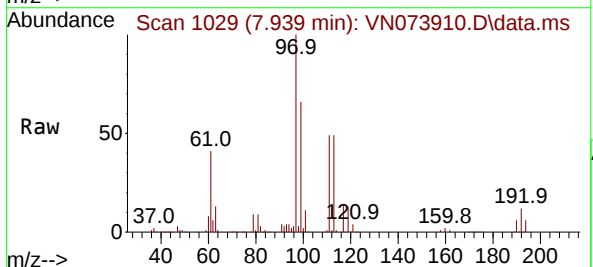
Tgt Ion: 56 Resp: 421914
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.8
84 102.1 76.9 115.3

Manual Integrations
APPROVED

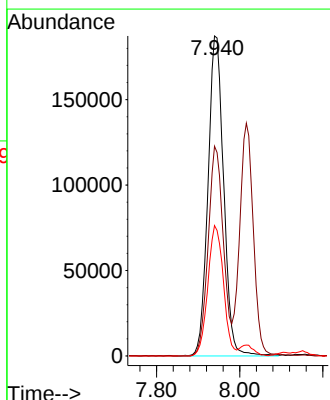
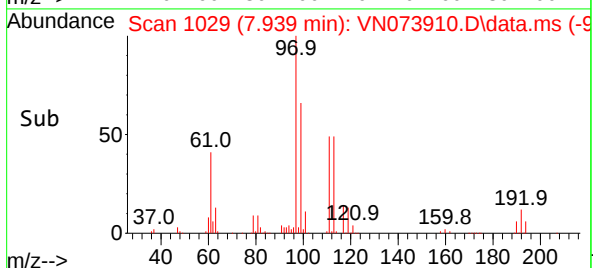
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

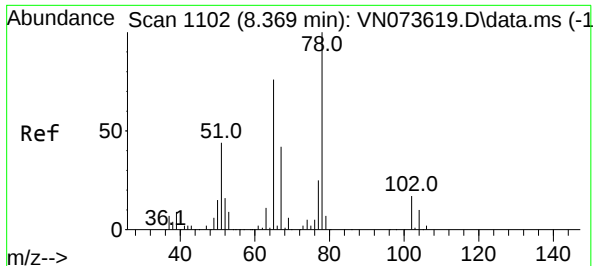


#32
1,1,1-Trichloroethane
Concen: 50.627 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



Tgt Ion: 97 Resp: 489966
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 40.6 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.712 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073910.D

Acq: 15 Aug 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 337144

Ion Ratio Lower Upper

65 100

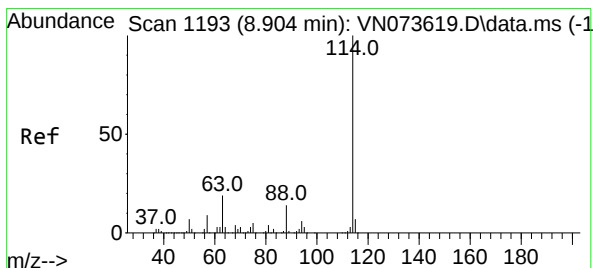
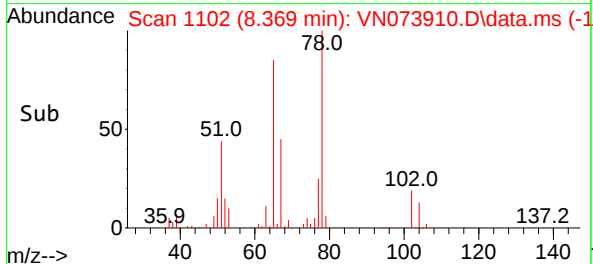
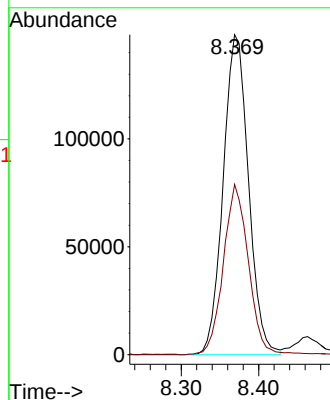
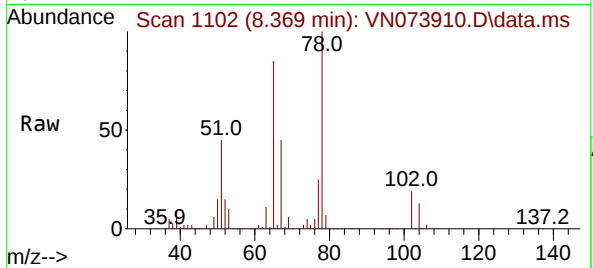
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073910.D

Acq: 15 Aug 2022 21:13

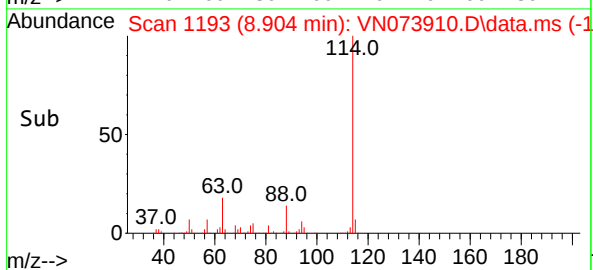
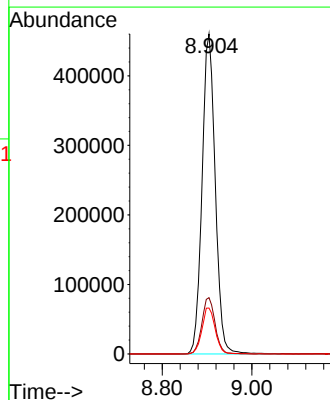
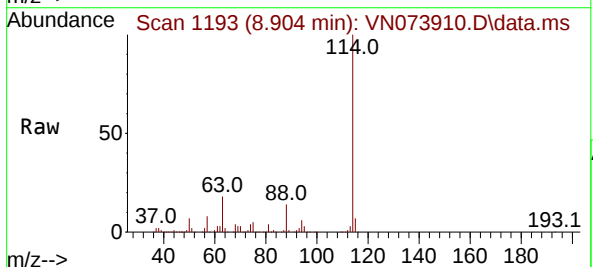
Tgt Ion:114 Resp: 938177

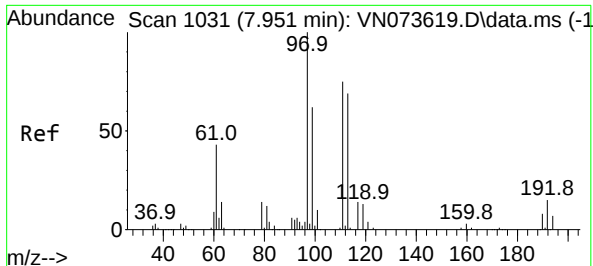
Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

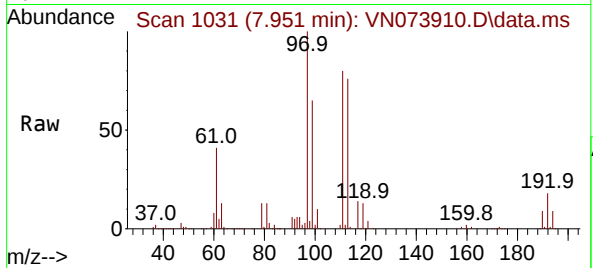
88 14.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.470 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

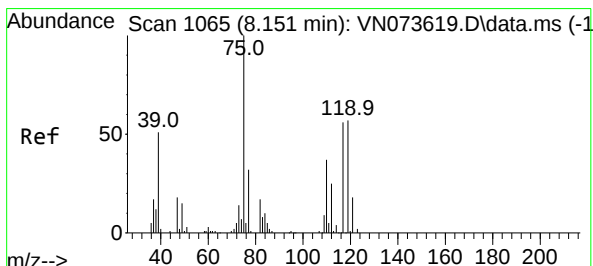
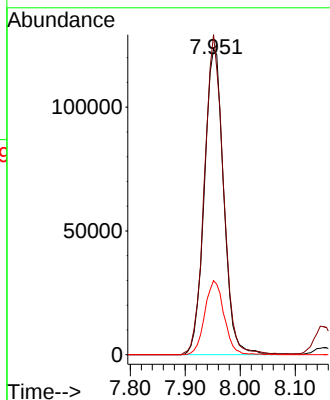
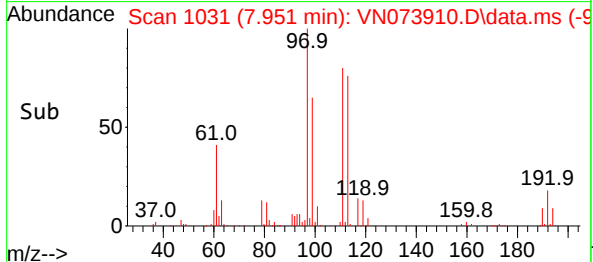
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



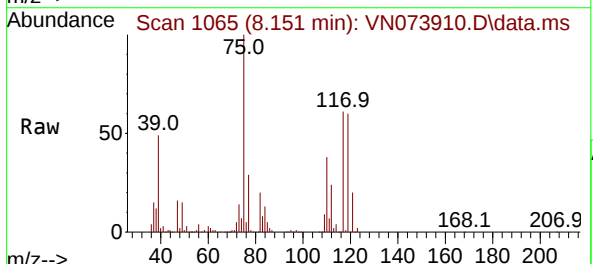
Tgt Ion: 113 Resp: 30221
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 24.1 17.0 25.6

Manual Integrations
APPROVED

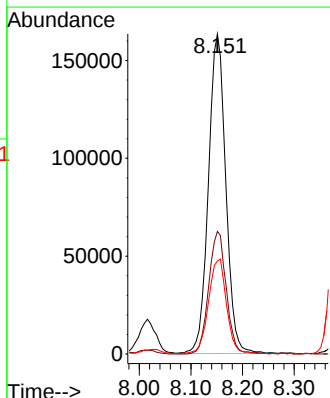
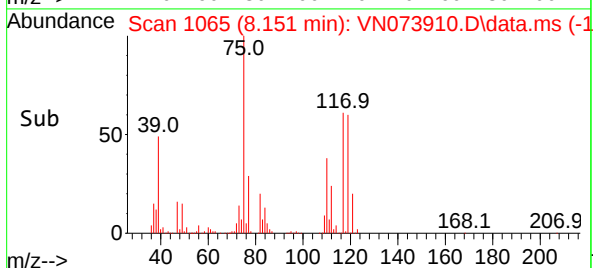
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

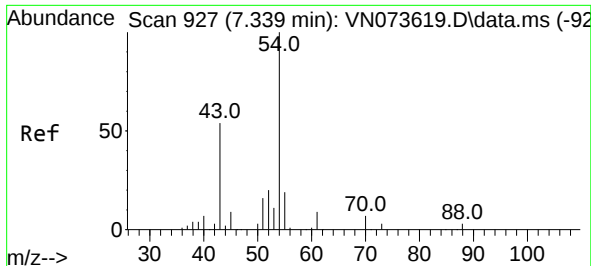


#36
1,1-Dichloropropene
Concen: 49.495 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



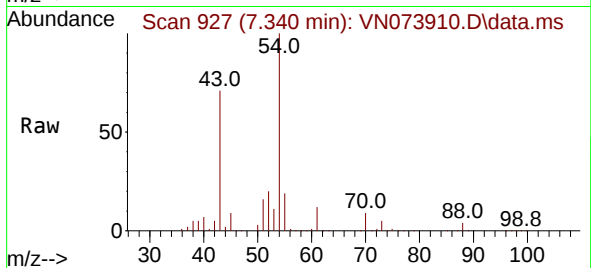
Tgt Ion: 75 Resp: 381427
Ion Ratio Lower Upper
75 100
110 38.8 18.3 54.8
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 50.264 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

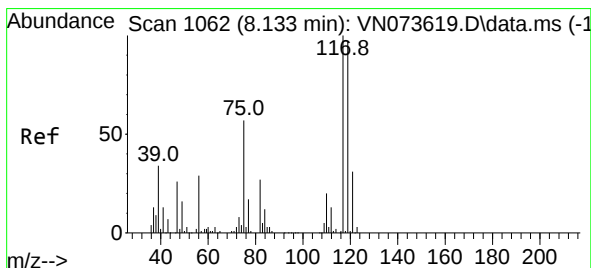
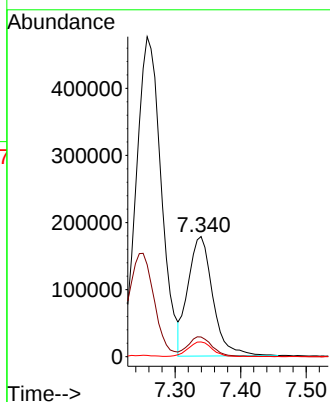
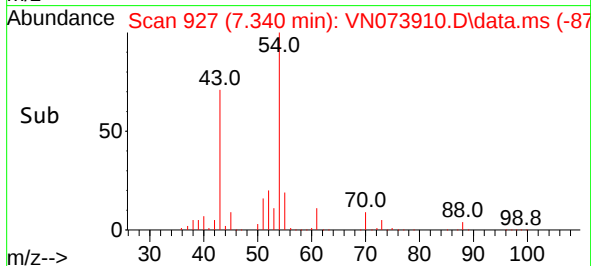
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 46927
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 11.6 9.3 13.9

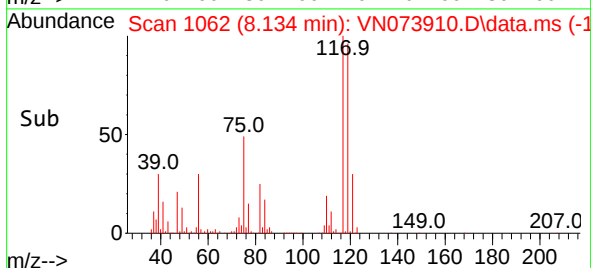
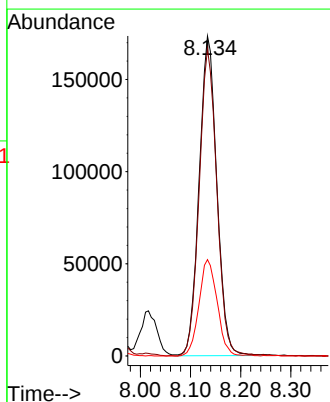
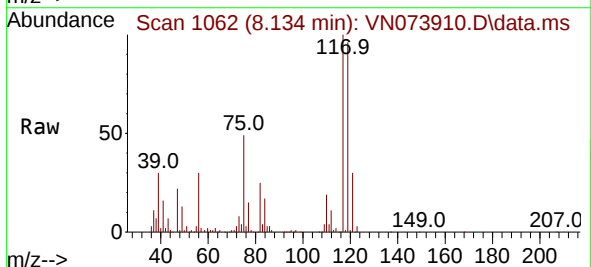
Manual Integrations
APPROVED

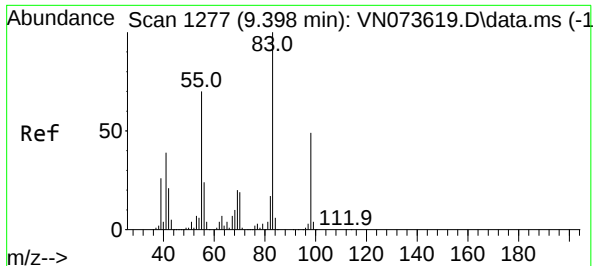
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#38
Carbon Tetrachloride
Concen: 48.358 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Tgt Ion:117 Resp: 425964
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 51.102 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073910.D

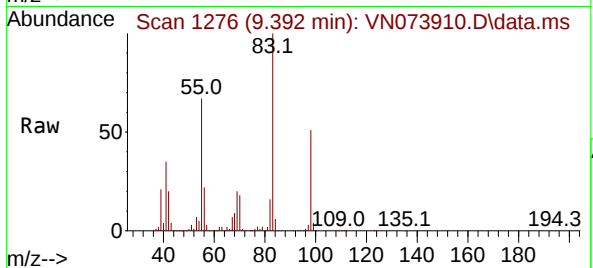
Acq: 15 Aug 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



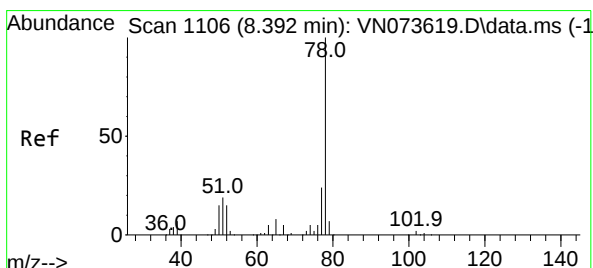
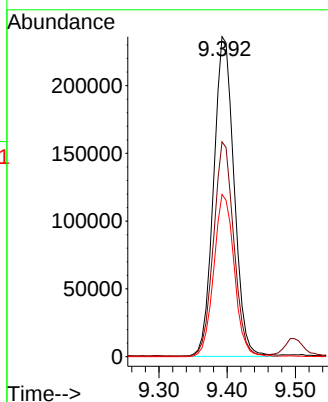
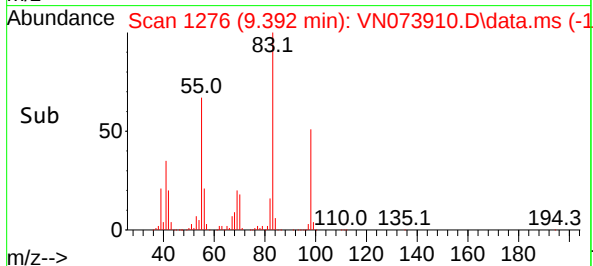
Tgt Ion:	83	Resp:	493452
Ion Ratio	100	Lower	Upper
83	100		
55	67.0	57.8	86.8
98	50.7	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#40

Benzene

Concen: 49.085 ug/l

RT: 8.392 min Scan# 1106

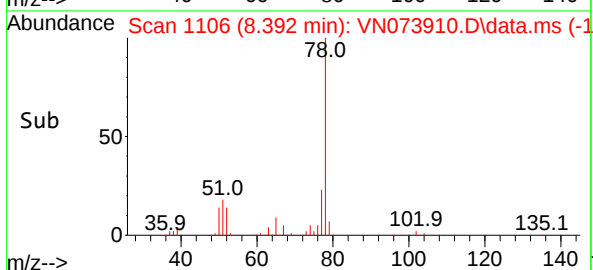
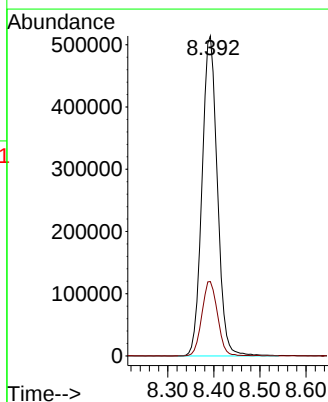
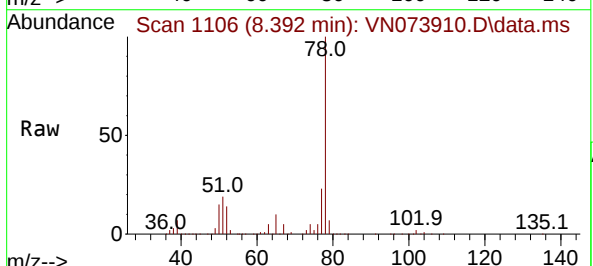
Delta R.T. 0.000 min

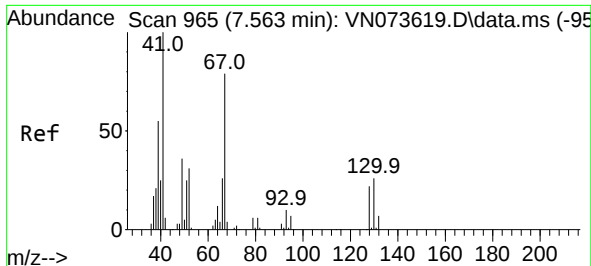
Lab File: VN073910.D

Acq: 15 Aug 2022 21:13

Tgt Ion: 78 Resp: 1193883

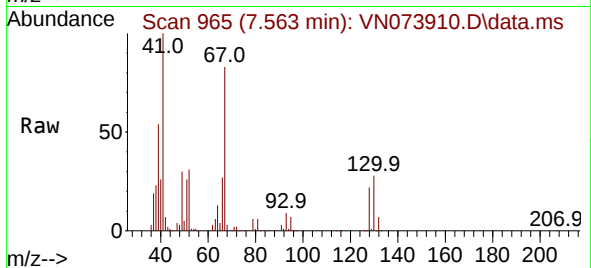
Ion Ratio	Lower	Upper
78	100	
77	23.2	19.4 29.0





#41
Methacrylonitrile
Concen: 55.401 ug/l
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

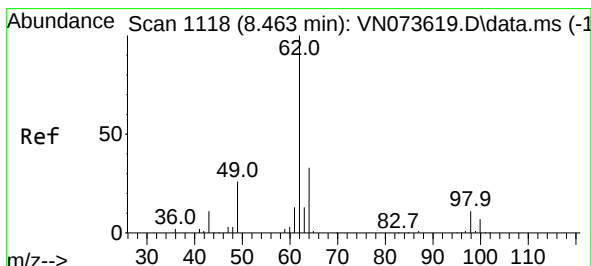
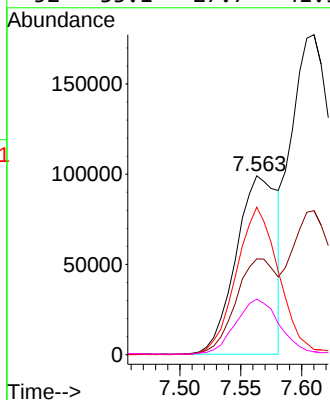
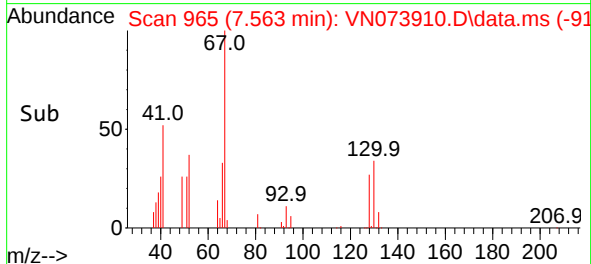
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



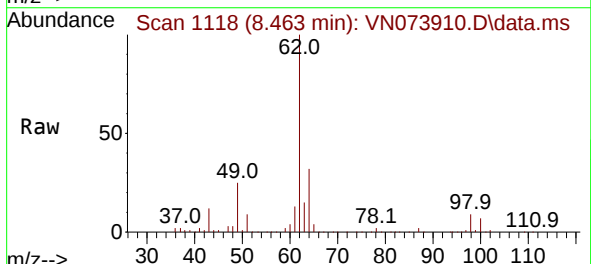
Tgt Ion: 41 Resp: 23374
Ion Ratio Lower Upper
41 100
39 53.5 48.6 73.0
67 87.5 73.4 110.2
52 33.1 27.7 41.5

Manual Integrations
APPROVED

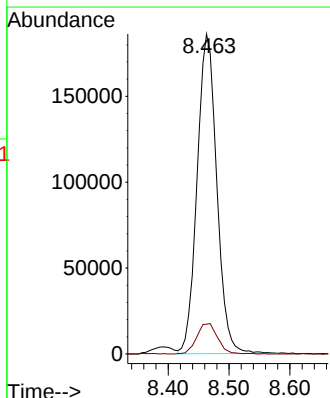
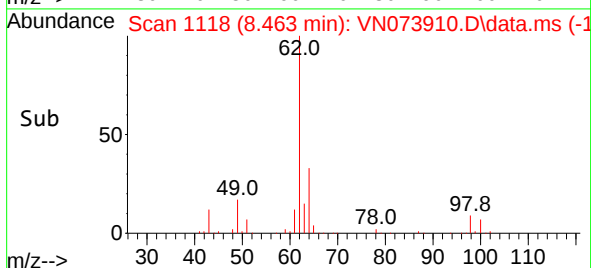
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

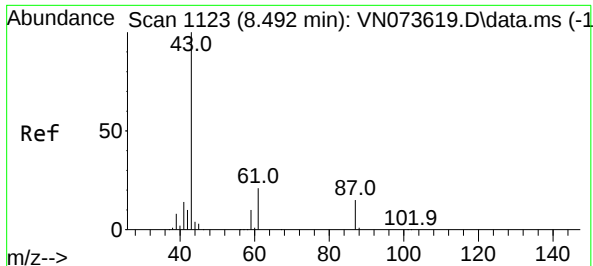


#42
1,2-Dichloroethane
Concen: 49.886 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



Tgt Ion: 62 Resp: 417203
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43

Isopropyl Acetate

Concen: 53.561 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073910.D

Acq: 15 Aug 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

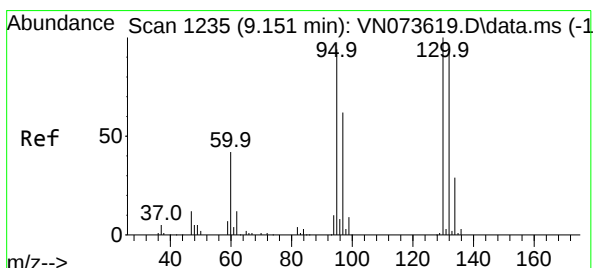
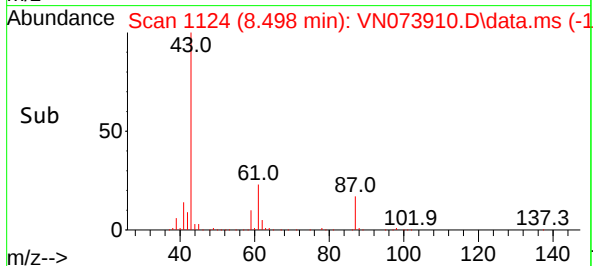
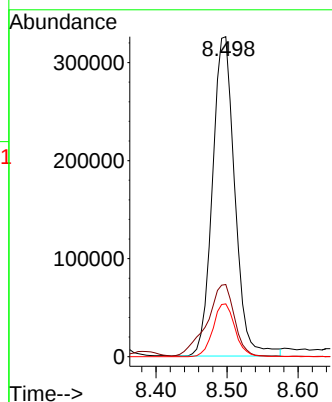
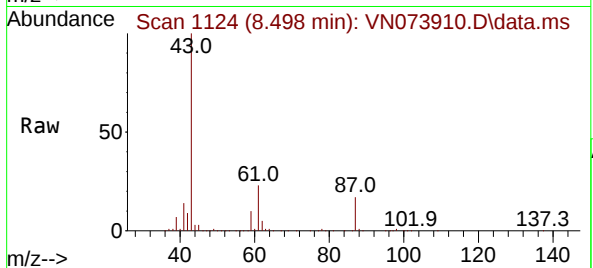
Tgt Ion: 43	Resp: 71237
Ion Ratio	Lower Upper
43 100	
61 27.7	21.9 32.9
87 16.3	12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#44

Trichloroethene

Concen: 48.465 ug/l

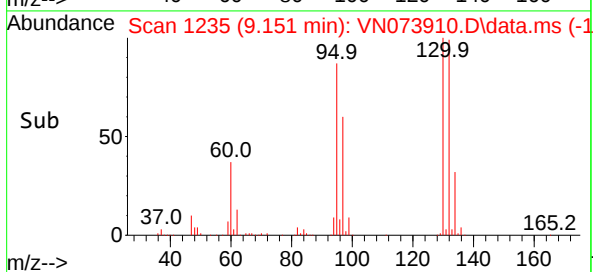
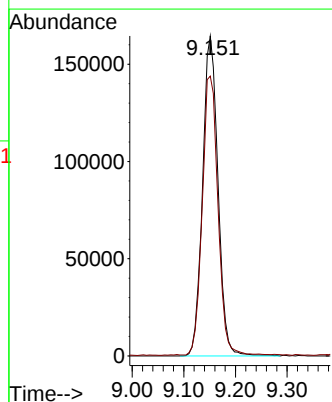
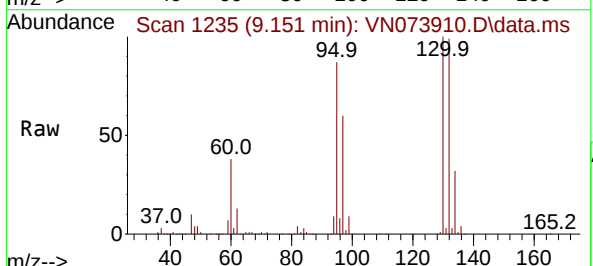
RT: 9.151 min Scan# 1235

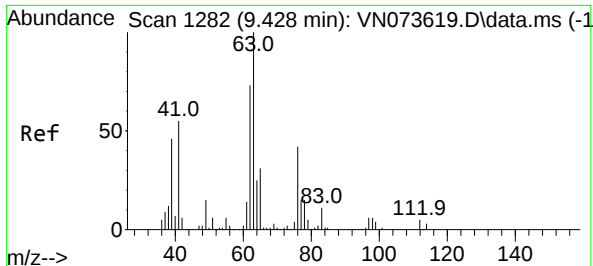
Delta R.T. 0.000 min

Lab File: VN073910.D

Acq: 15 Aug 2022 21:13

Tgt Ion:130	Resp: 340466
Ion Ratio	Lower Upper
130 100	
95 87.1	0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.719 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073910.D

Acq: 15 Aug 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 28985

Ion Ratio Lower Upper

63 100

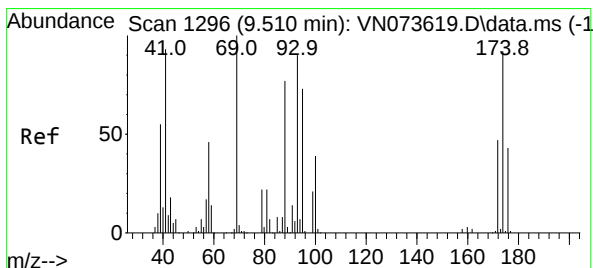
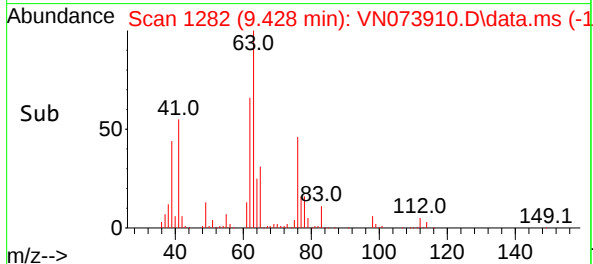
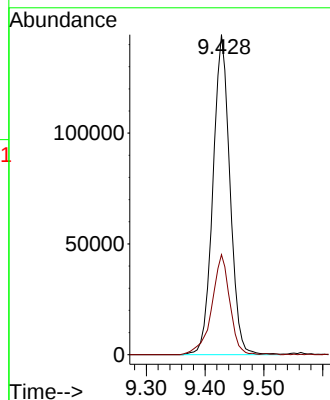
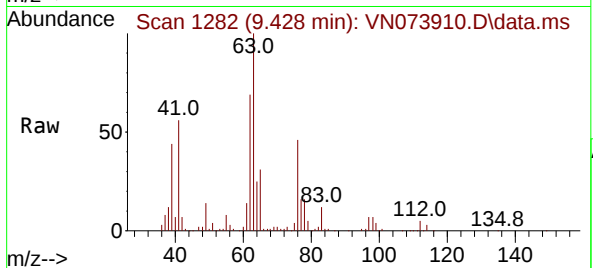
65 31.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#46

Dibromomethane

Concen: 49.658 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073910.D

Acq: 15 Aug 2022 21:13

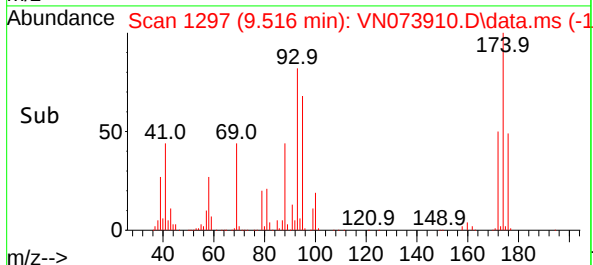
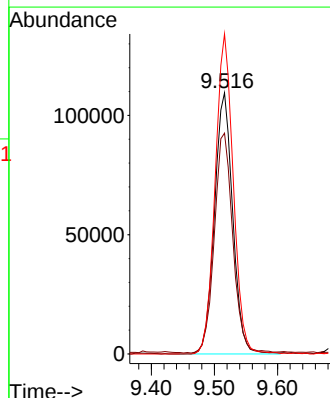
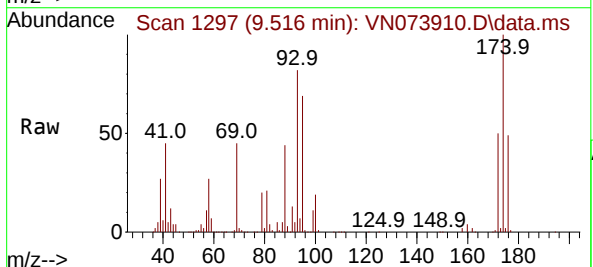
Tgt Ion: 93 Resp: 220100

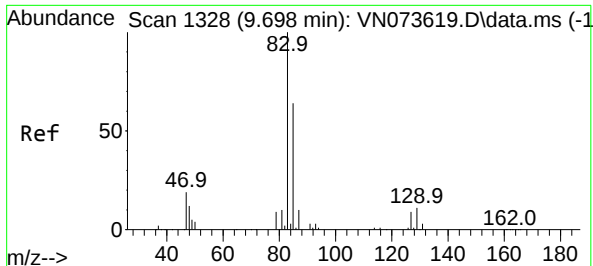
Ion Ratio Lower Upper

93 100

95 85.1 66.9 100.3

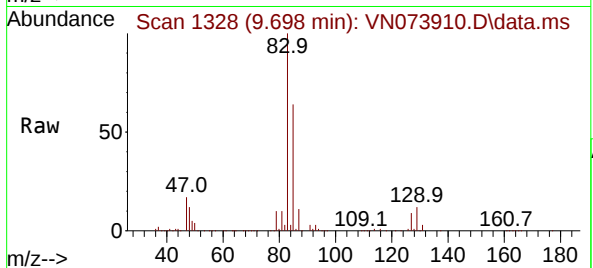
174 121.3 86.6 130.0





#47
Bromodichloromethane
Concen: 49.628 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

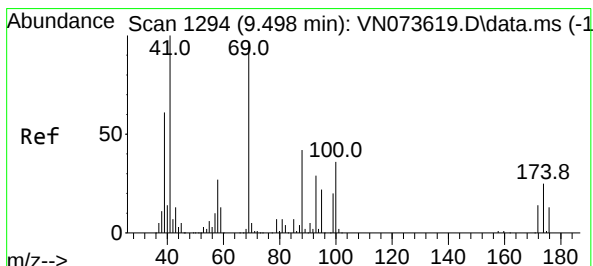
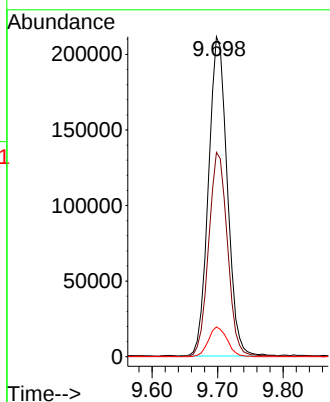
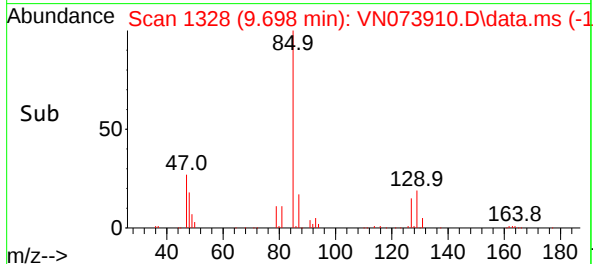
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



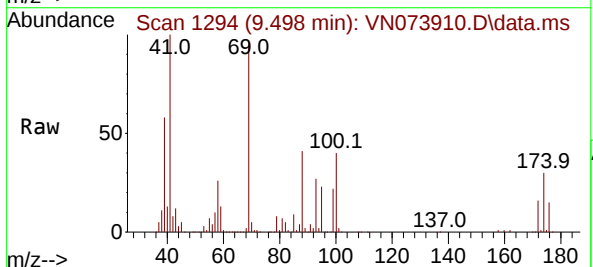
Tgt Ion: 83 Resp: 42043
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7
127 9.3 6.8 10.2

Manual Integrations
APPROVED

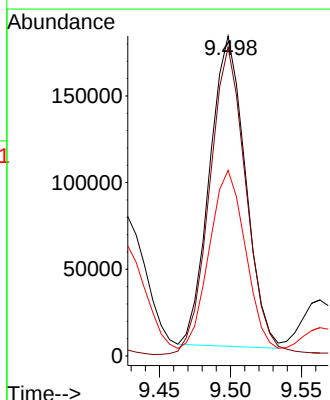
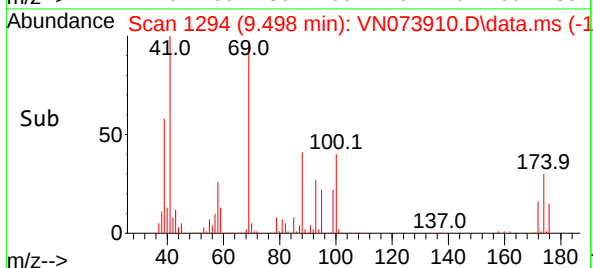
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

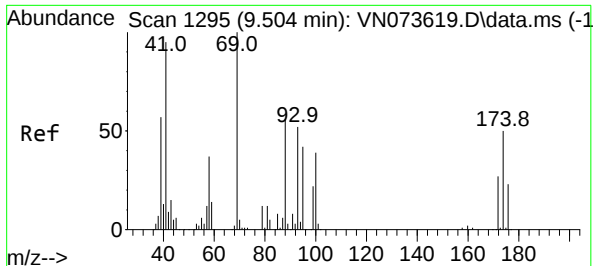


#48
Methyl methacrylate
Concen: 54.926 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



Tgt Ion: 41 Resp: 312580
Ion Ratio Lower Upper
41 100
69 102.1 74.7 112.1
39 62.7 45.6 68.4





#49

1,4-Dioxane

Concen: 1029.199 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073910.D

Acq: 15 Aug 2022 21:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 174179

Ion Ratio Lower Upper

88 100

43 27.4 20.2 30.4

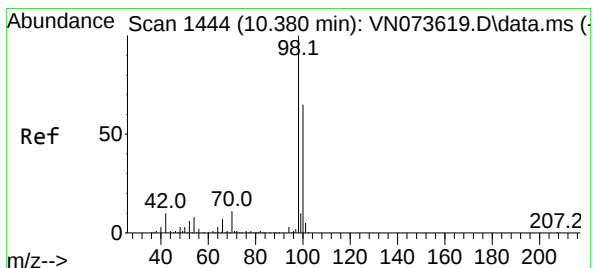
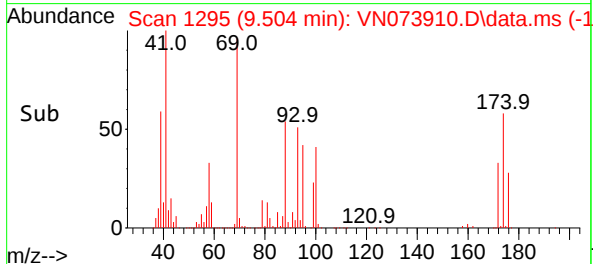
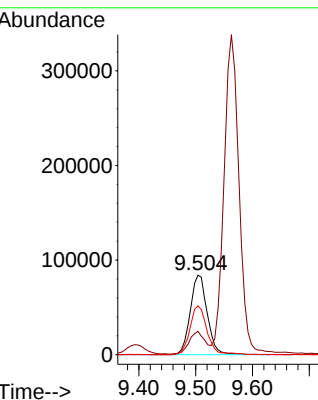
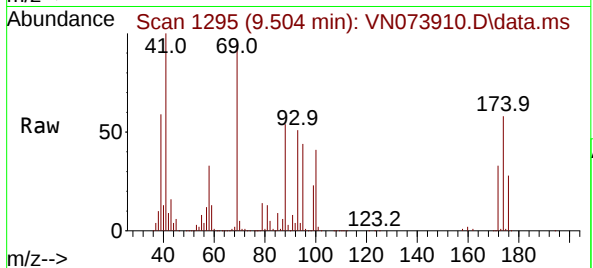
58 62.0 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2022

Supervised By :Mahesh Dadoda 08/16/2022



#50

Toluene-d8

Concen: 54.519 ug/l

RT: 10.381 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073910.D

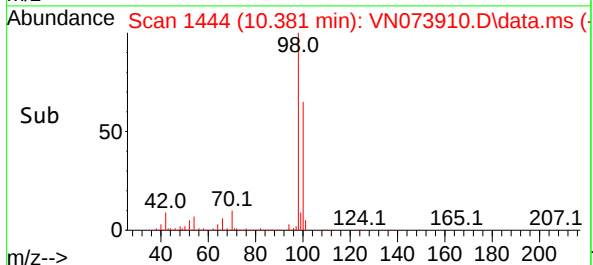
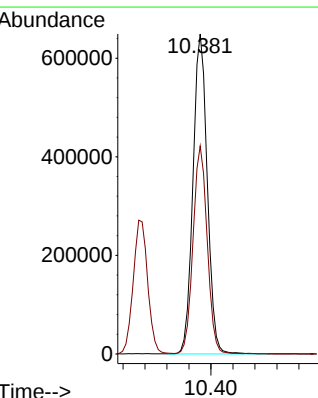
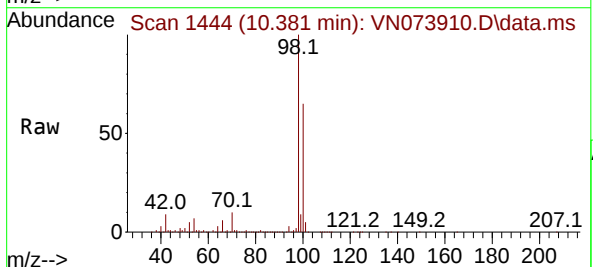
Acq: 15 Aug 2022 21:13

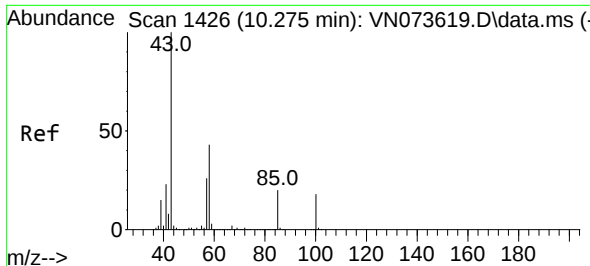
Tgt Ion: 98 Resp: 1171517

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8





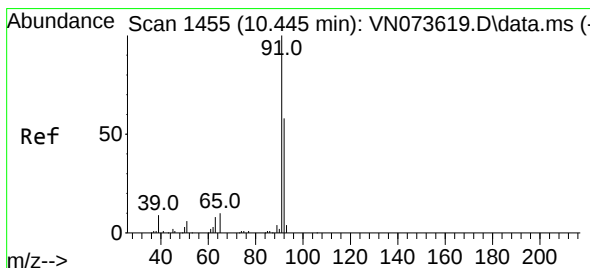
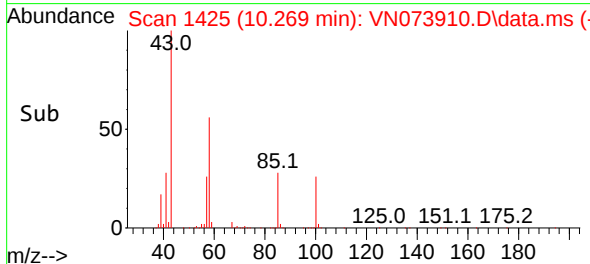
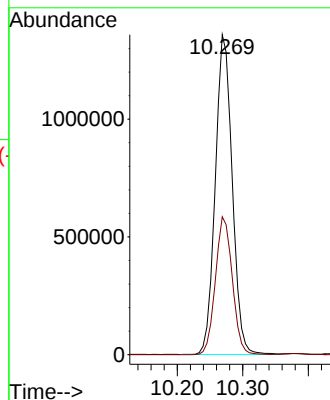
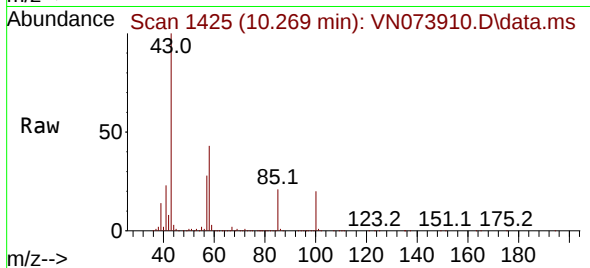
#51
4-Methyl-2-Pentanone
Concen: 270.202 ug/l
RT: 10.269 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 242973
Ion Ratio Lower Upper
43 100
58 43.1 34.1 51.1

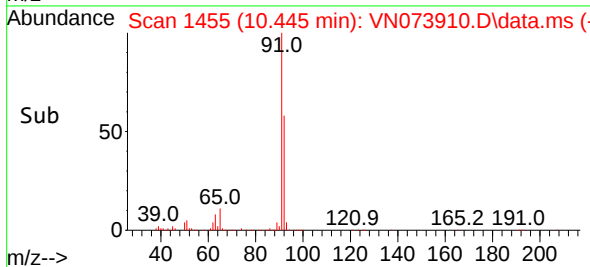
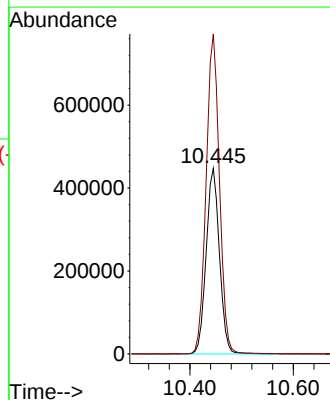
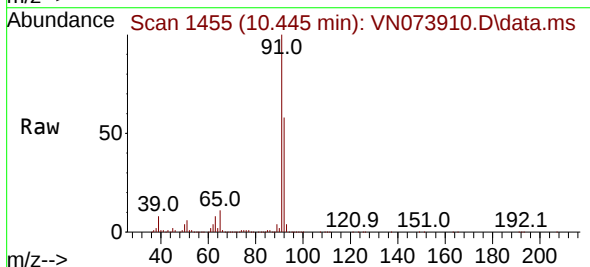
Manual Integrations
APPROVED

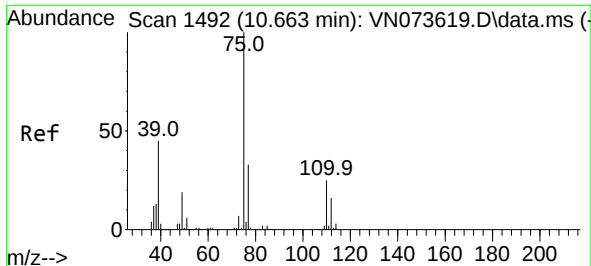
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#52
Toluene
Concen: 47.890 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Tgt Ion: 92 Resp: 798721
Ion Ratio Lower Upper
92 100
91 172.2 138.6 207.8





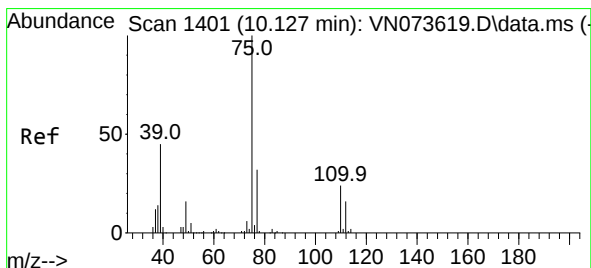
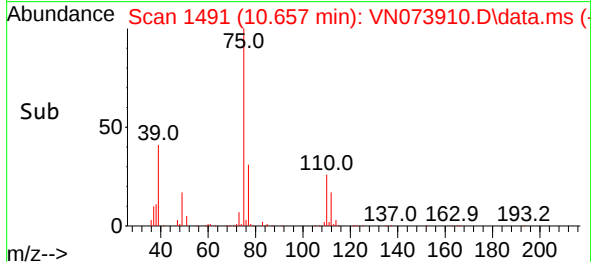
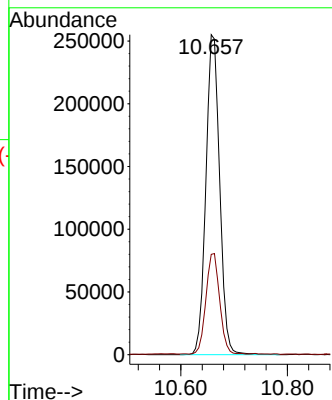
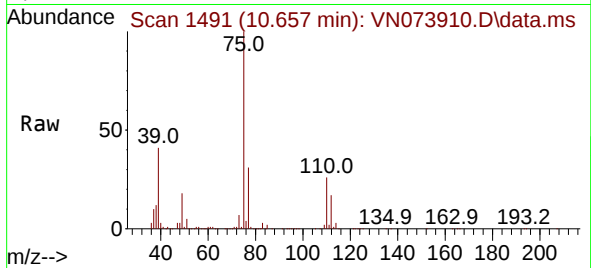
#53
t-1,3-Dichloropropene
Concen: 51.501 ug/l
RT: 10.657 min Scan# 1492
Delta R.T. -0.006 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 457824
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

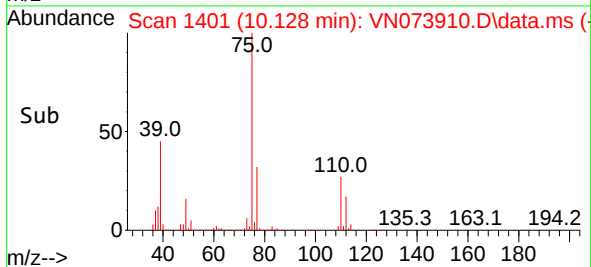
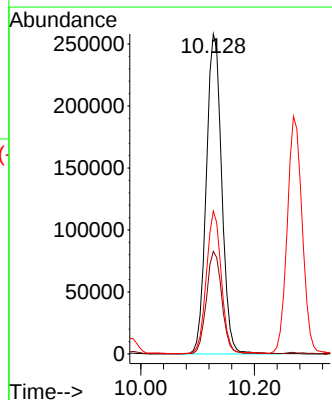
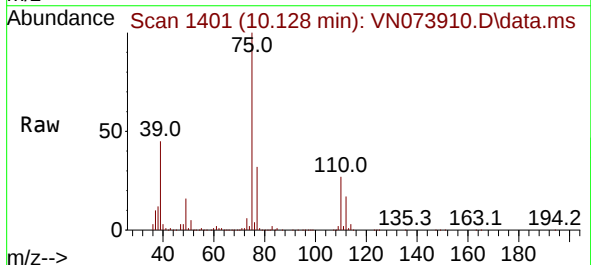
Manual Integrations
APPROVED

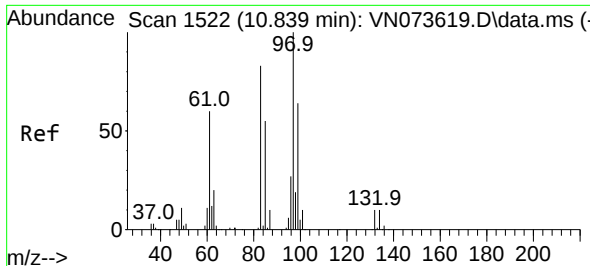
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#54
cis-1,3-Dichloropropene
Concen: 49.856 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

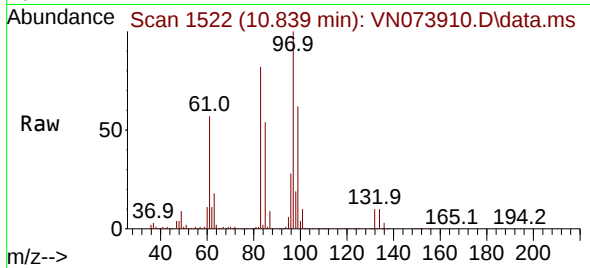
Tgt Ion: 75 Resp: 484926
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 44.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 51.556 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

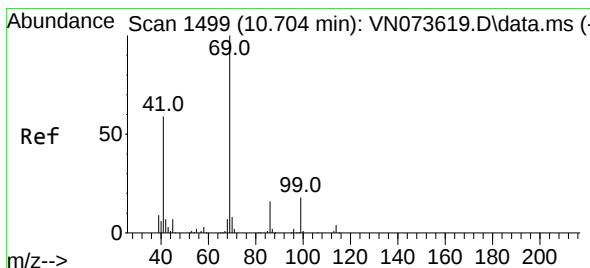
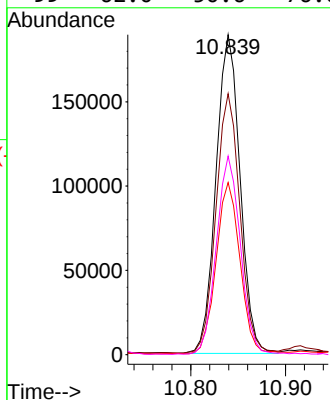
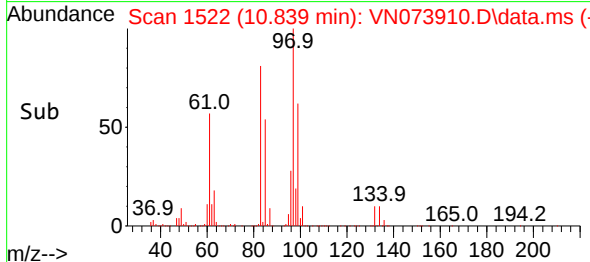


Tgt Ion: 97 Resp: 33448

Ion	Ratio	Lower	Upper
97	100		
83	81.3	66.2	99.4
85	53.6	43.9	65.9
99	62.0	50.6	76.0

Manual Integrations
APPROVED

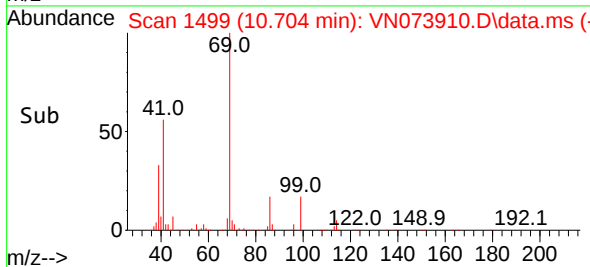
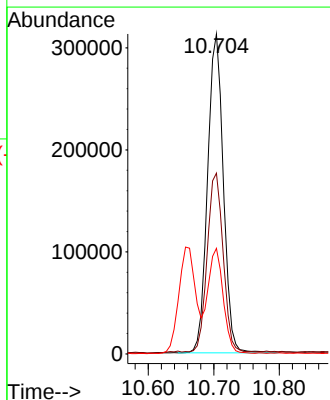
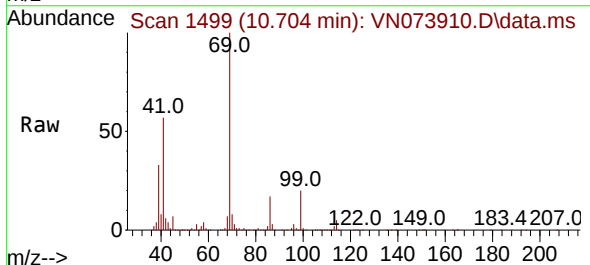
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#56
Ethyl methacrylate
Concen: 56.426 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Tgt Ion: 69 Resp: 522126

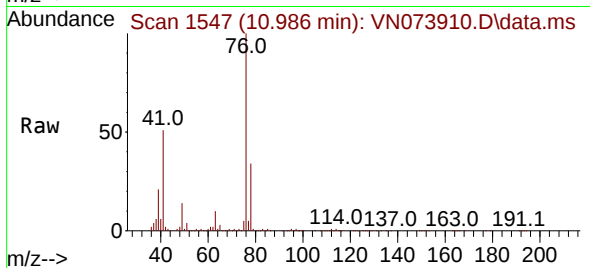
Ion	Ratio	Lower	Upper
69	100		
41	56.2	47.8	71.6
39	32.1	27.3	40.9





#57
1,3-Dichloropropane
Concen: 50.878 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

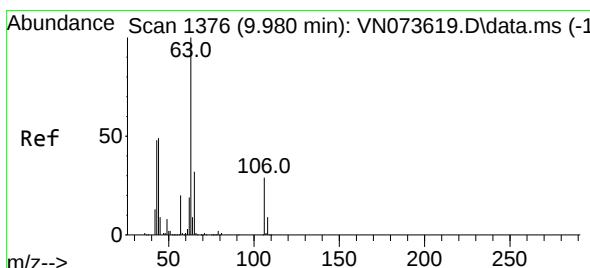
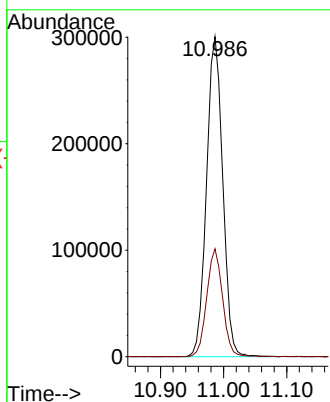
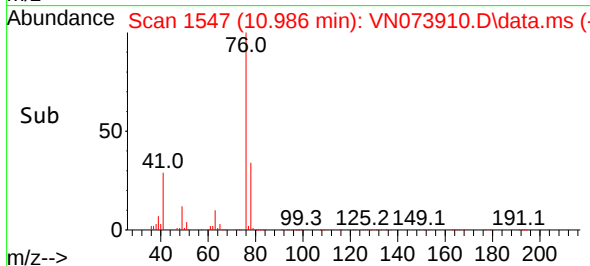
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 536692
Ion Ratio Lower Upper
76 100
78 33.0 26.2 39.2

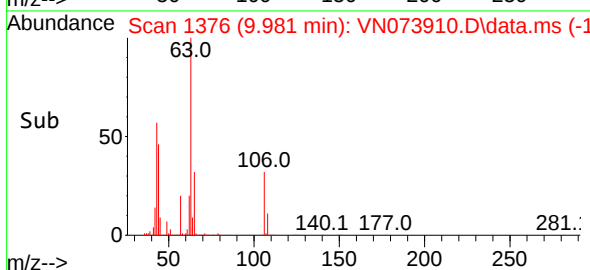
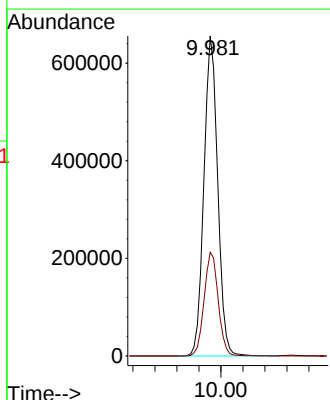
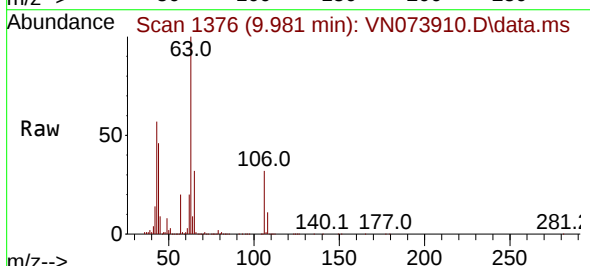
Manual Integrations
APPROVED

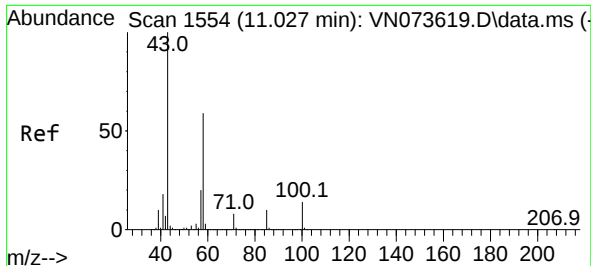
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#58
2-Chloroethyl Vinyl ether
Concen: 263.556 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.001 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Tgt Ion: 63 Resp: 1139856
Ion Ratio Lower Upper
63 100
106 33.0 24.6 36.8





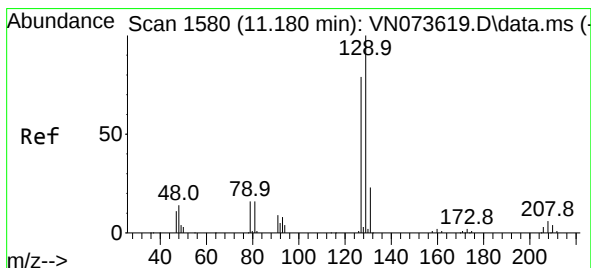
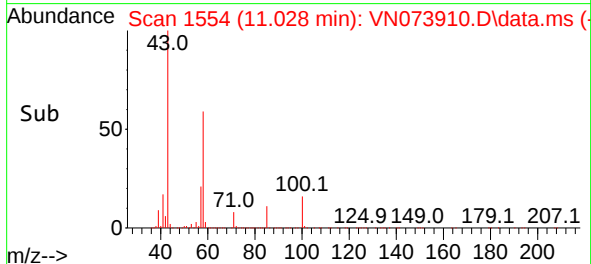
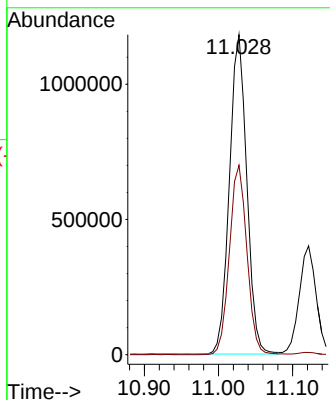
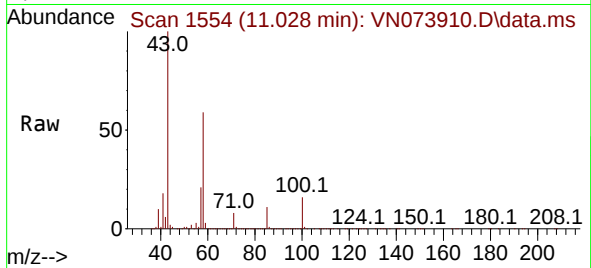
#59
2-Hexanone
Concen: 277.955 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1923590
Ion Ratio Lower Upper
43 100
58 59.7 29.7 89.1

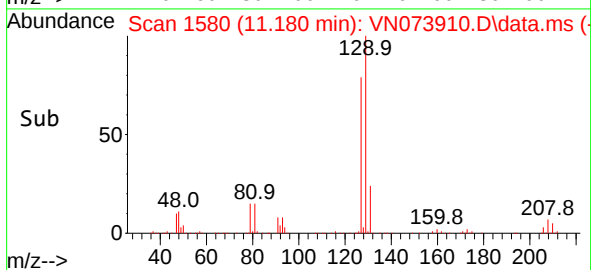
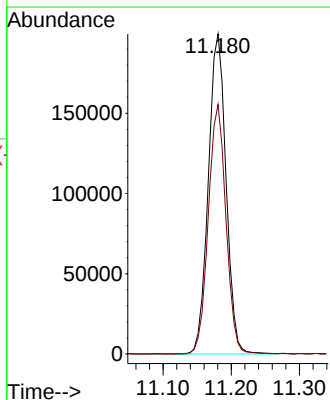
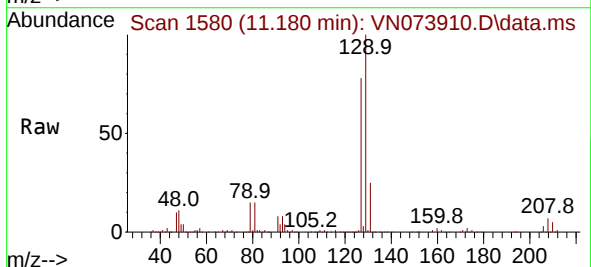
Manual Integrations
APPROVED

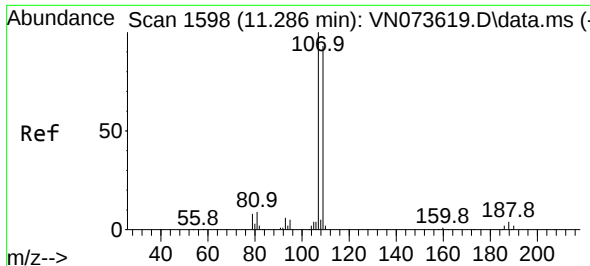
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#60
Dibromochloromethane
Concen: 50.255 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

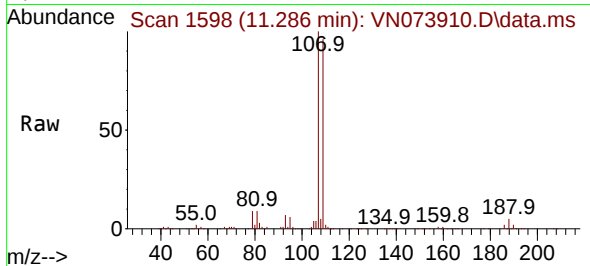
Tgt Ion:129 Resp: 360559
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.457 ug/l
RT: 11.286 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

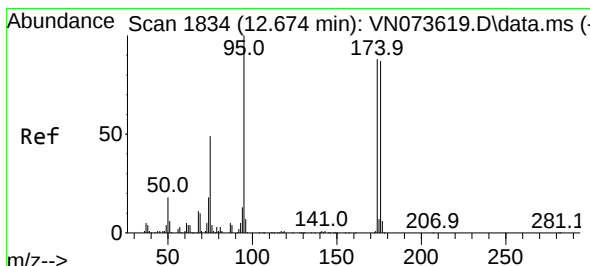
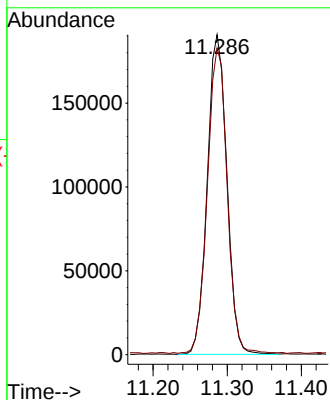
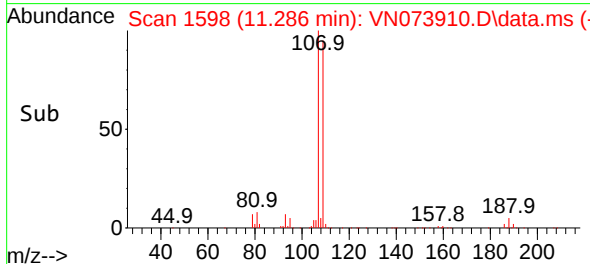
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



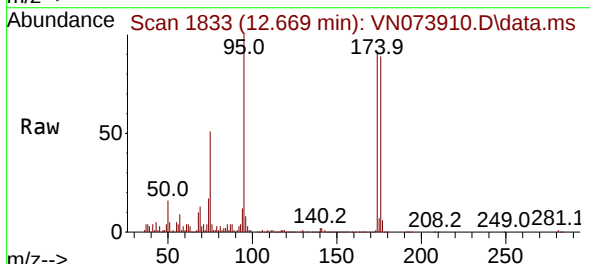
Tgt Ion:107 Resp: 35013
Ion Ratio Lower Upper
107 100
109 96.3 75.0 112.6

Manual Integrations
APPROVED

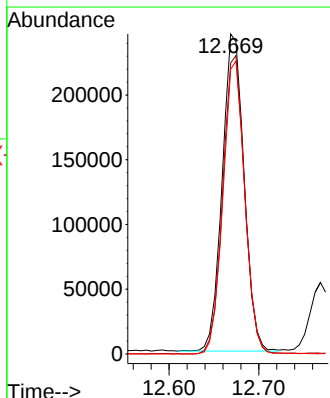
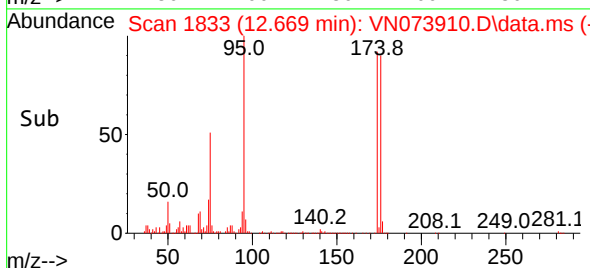
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

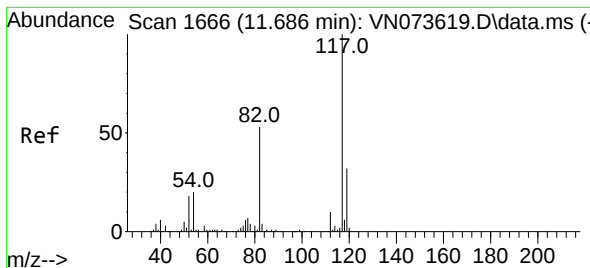


#62
4-Bromofluorobenzene
Concen: 57.880 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



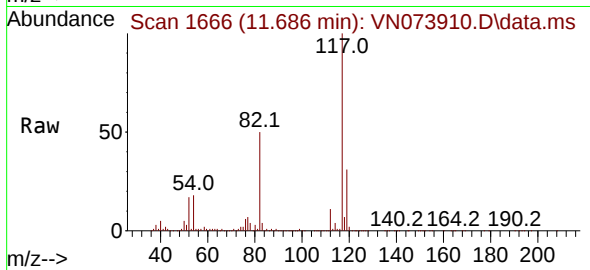
Tgt Ion: 95 Resp: 412769
Ion Ratio Lower Upper
95 100
174 94.8 0.0 167.6
176 92.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

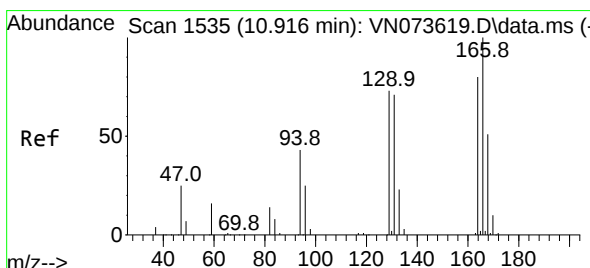
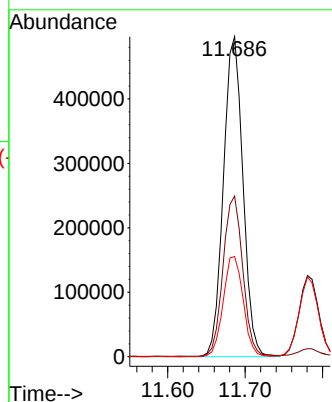
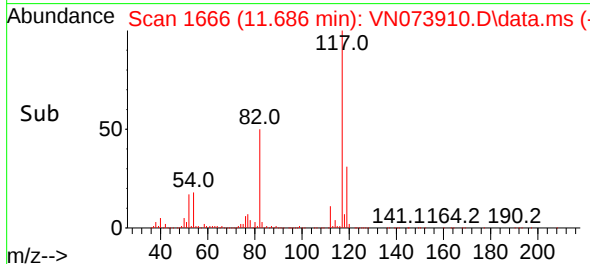
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 871069
Ion Ratio Lower Upper
117 100
82 50.0 44.2 66.2
119 31.3 25.4 38.0

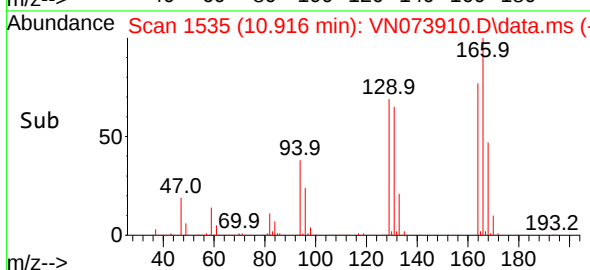
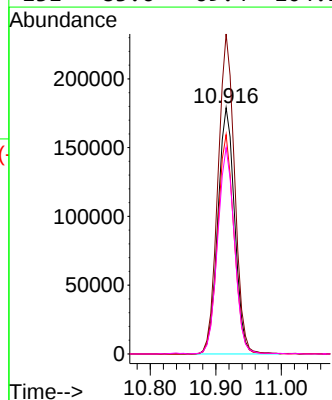
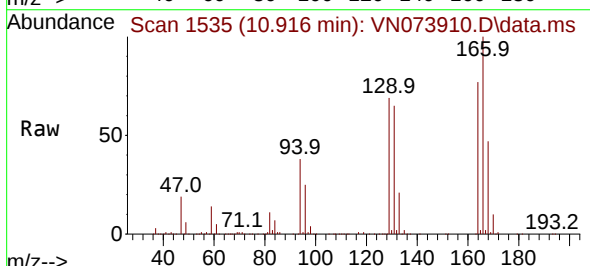
Manual Integrations
APPROVED

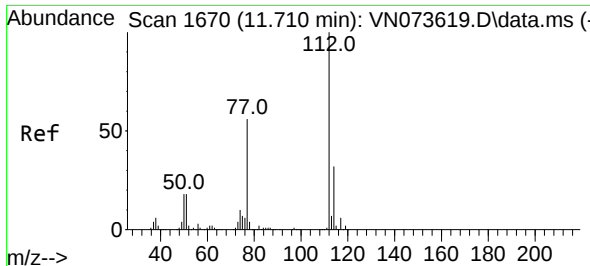
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#64
Tetrachloroethene
Concen: 46.177 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

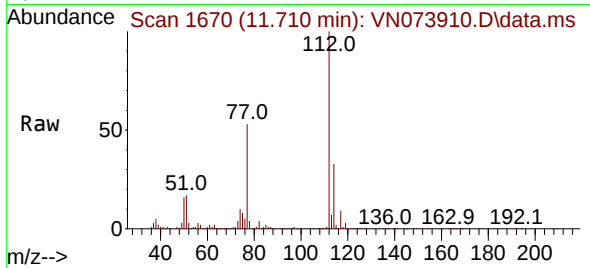
Tgt Ion:164 Resp: 317475
Ion Ratio Lower Upper
164 100
166 129.9 104.2 156.2
129 89.0 73.9 110.9
131 83.6 69.4 104.2





#65
Chlorobenzene
Concen: 48.263 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

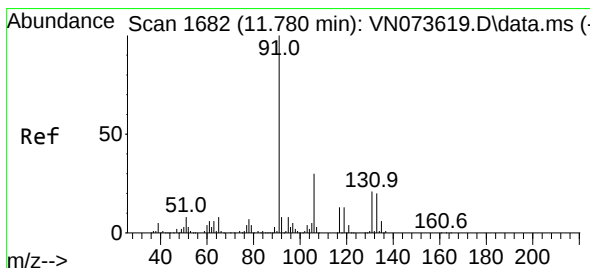
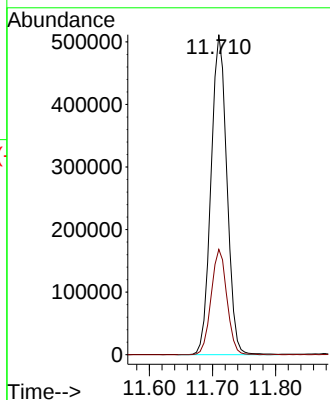
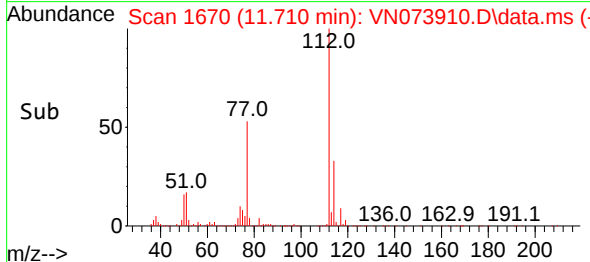
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



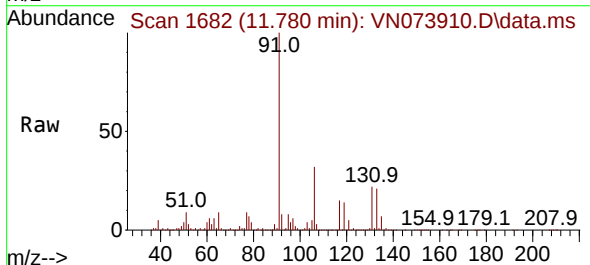
Tgt Ion:112 Resp: 89345
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.2

Manual Integrations
APPROVED

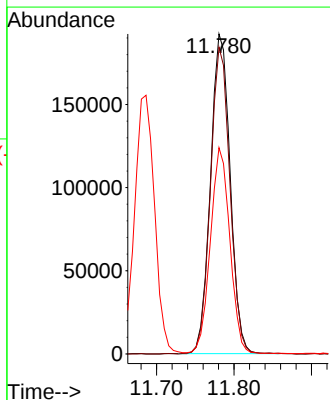
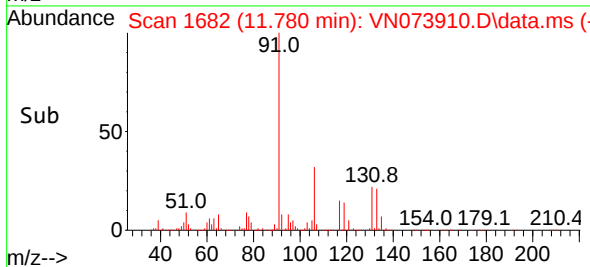
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

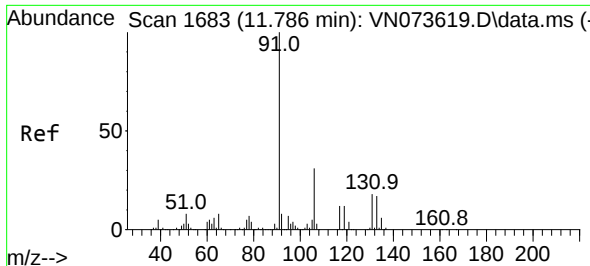


#66
1,1,1,2-Tetrachloroethane
Concen: 48.302 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



Tgt Ion:131 Resp: 338607
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.4
119 64.0 33.4 100.2





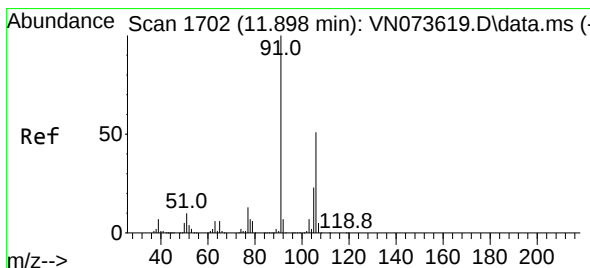
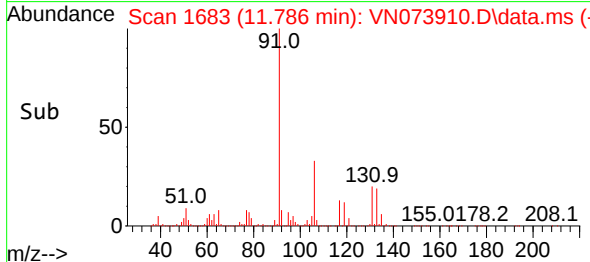
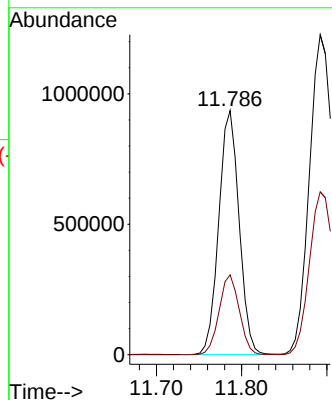
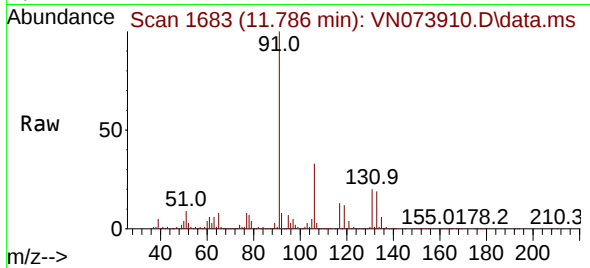
#67
Ethyl Benzene
Concen: 50.346 ug/l
RT: 11.786 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 154998
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

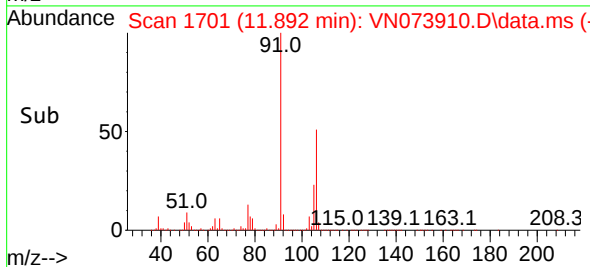
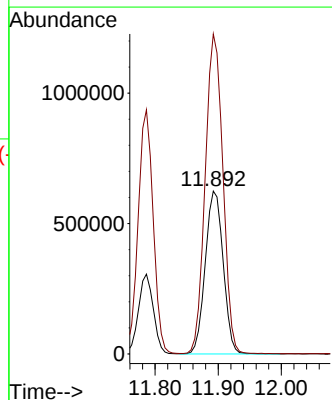
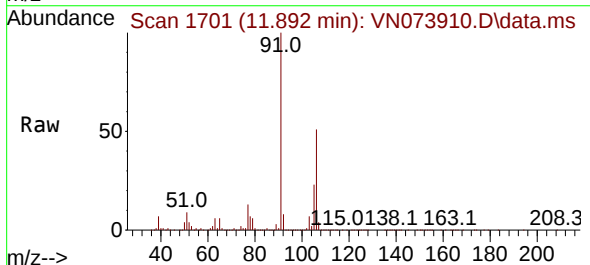
Manual Integrations
APPROVED

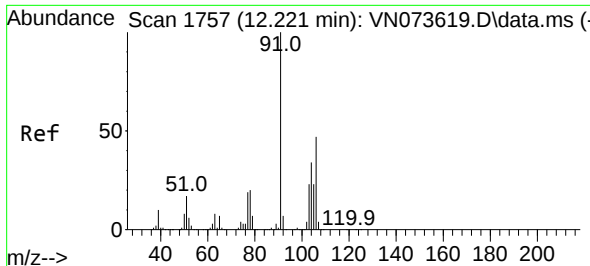
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#68
m/p-Xylenes
Concen: 98.229 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Tgt Ion:106 Resp: 1228748
Ion Ratio Lower Upper
106 100
91 194.0 158.9 238.3





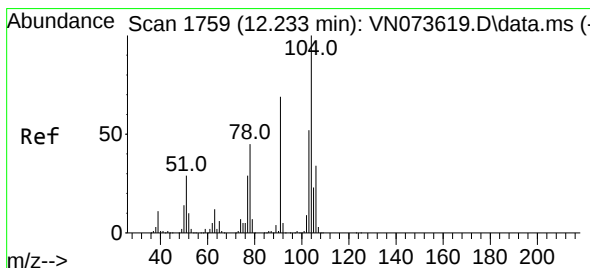
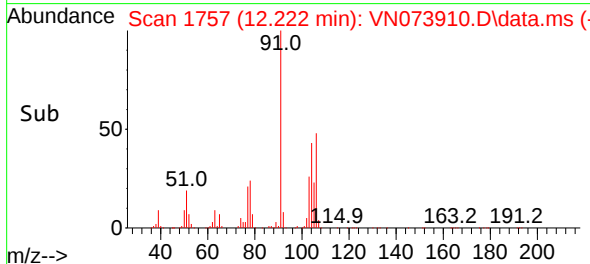
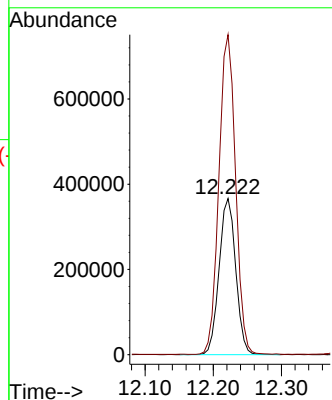
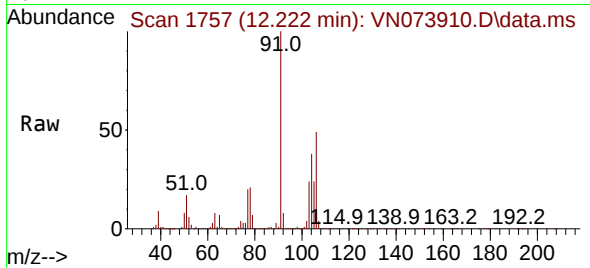
#69
o-Xylene
Concen: 49.613 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 62234
Ion Ratio Lower Upper
106 100
91 204.6 106.0 318.0

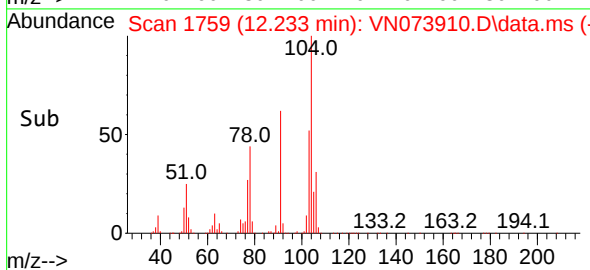
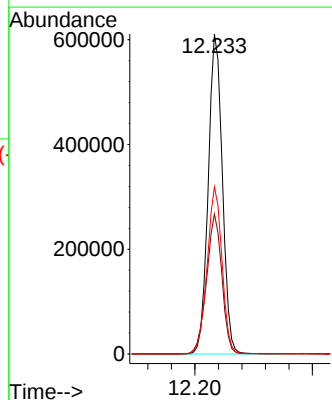
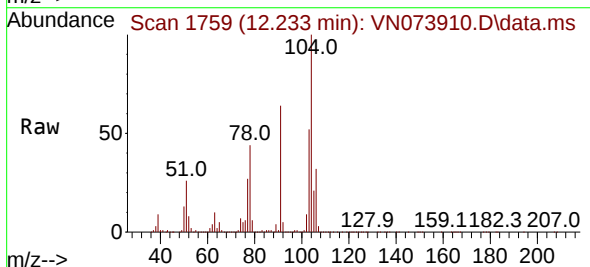
Manual Integrations
APPROVED

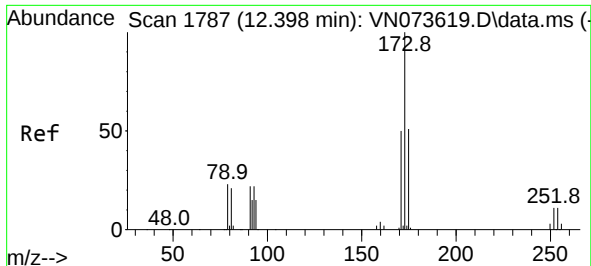
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#70
Styrene
Concen: 51.868 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

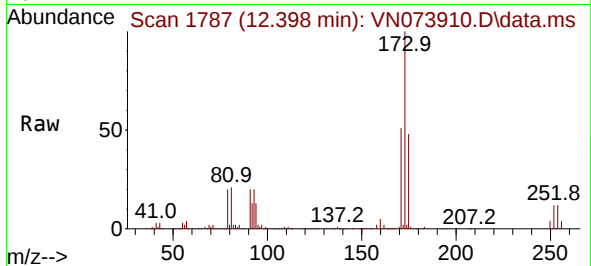
Tgt Ion:104 Resp: 1018618
Ion Ratio Lower Upper
104 100
78 47.3 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 47.801 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

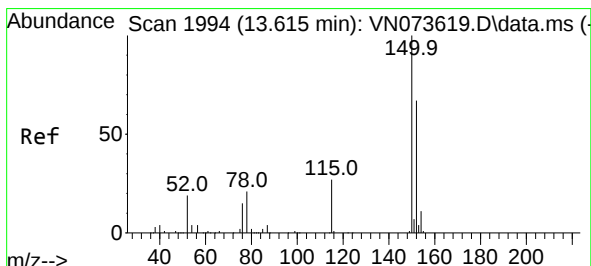
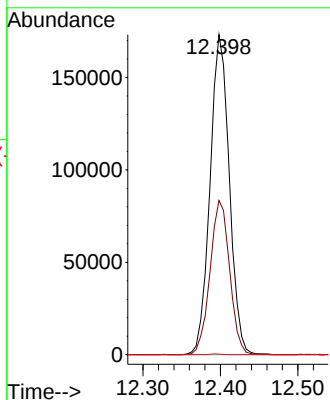
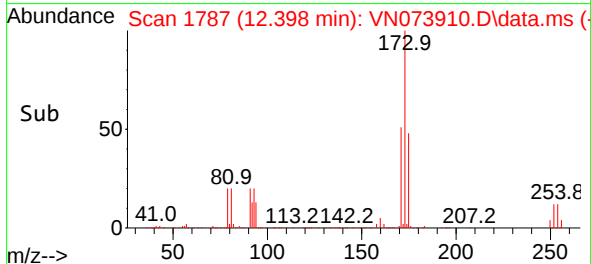
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



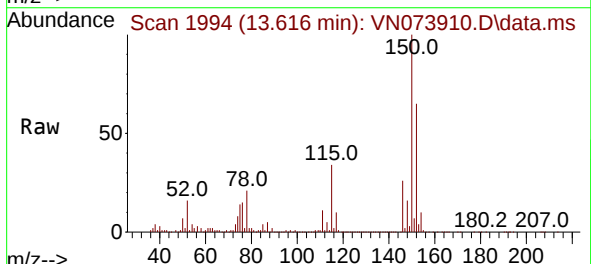
Tgt Ion:173 Resp: 299174
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

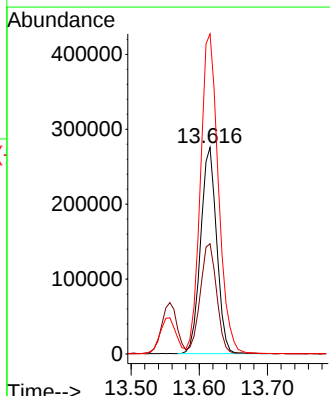
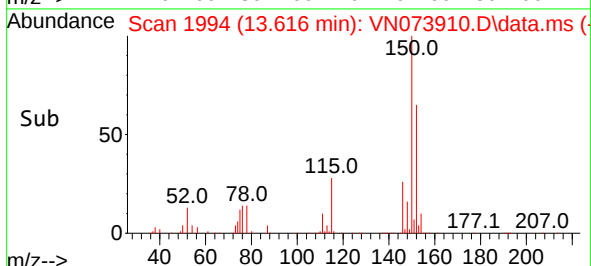
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

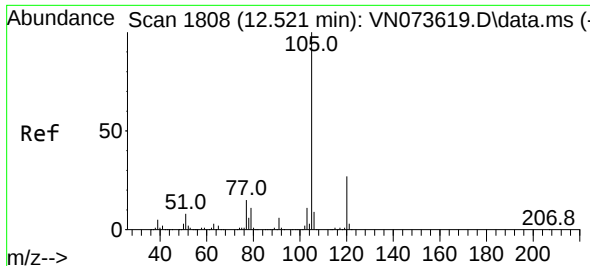


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



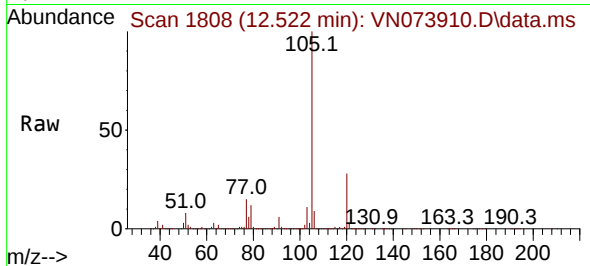
Tgt Ion:152 Resp: 450101
Ion Ratio Lower Upper
152 100
115 54.8 28.9 86.7
150 174.2 0.0 356.2





#73
Isopropylbenzene
Concen: 48.520 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

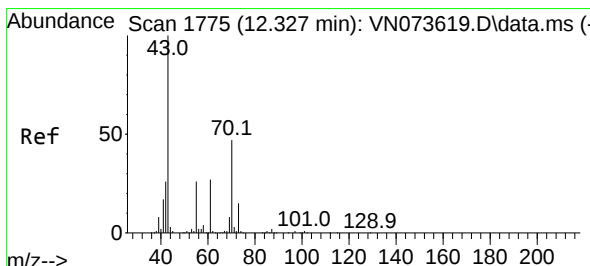
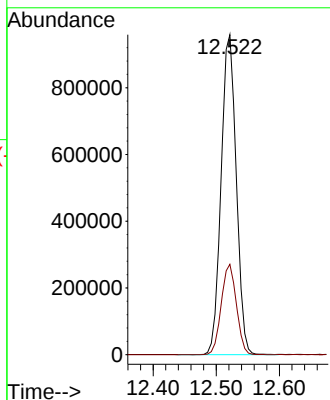
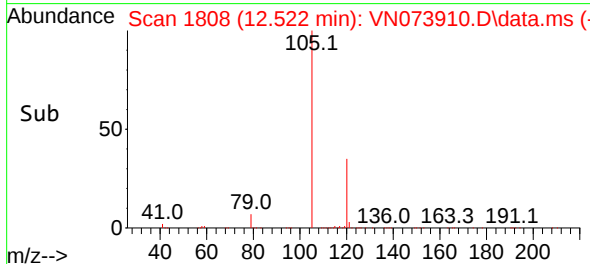
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 1590240
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.4

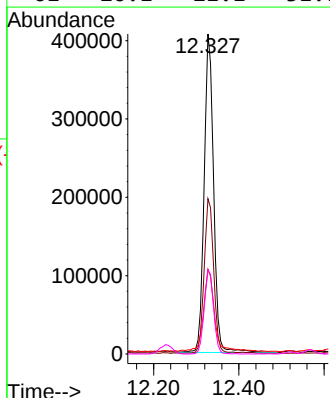
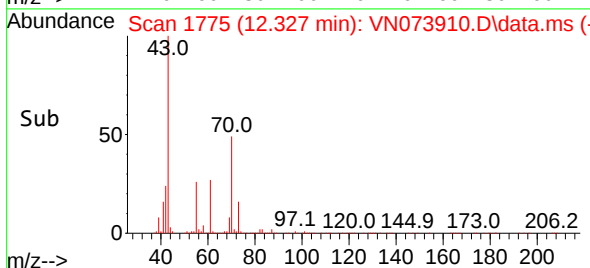
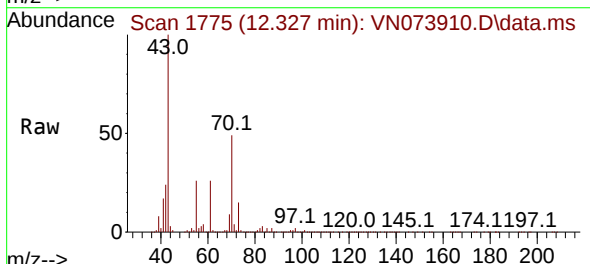
Manual Integrations
APPROVED

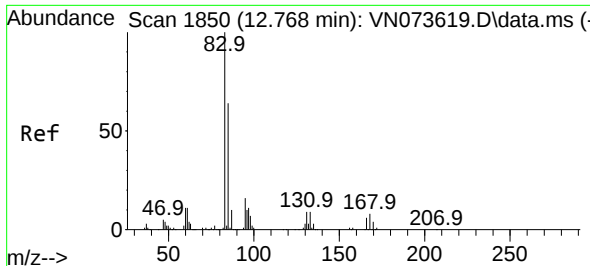
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#74
N-ethyl acetate
Concen: 50.693 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

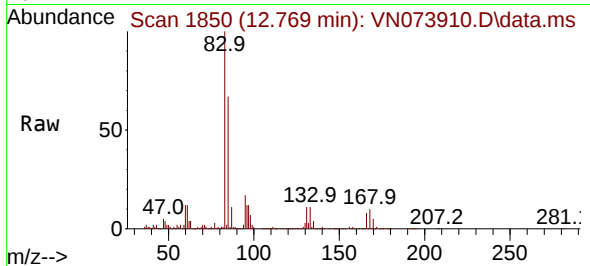
Tgt Ion: 43 Resp: 628098
Ion Ratio Lower Upper
43 100
70 48.4 39.0 58.4
55 29.8 21.1 31.7
61 26.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 47.557 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

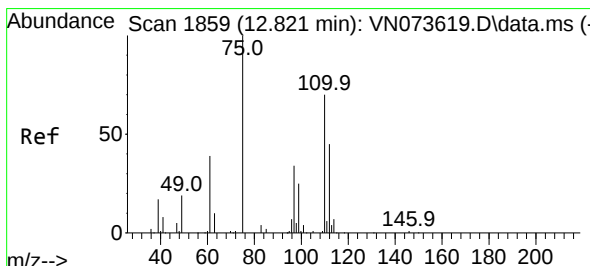
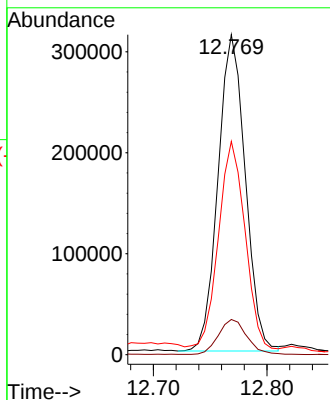
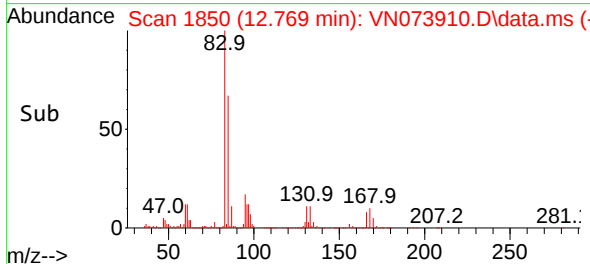
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



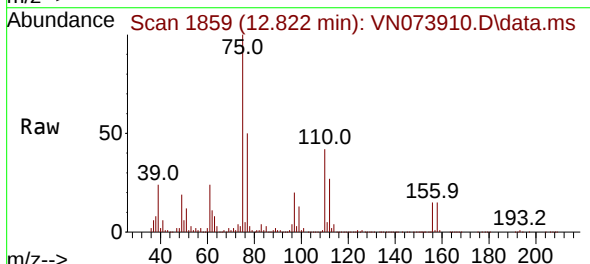
Tgt Ion: 83 Resp: 52305
Ion Ratio Lower Upper
83 100
131 11.5 5.3 15.9
85 67.0 32.3 96.9

Manual Integrations
APPROVED

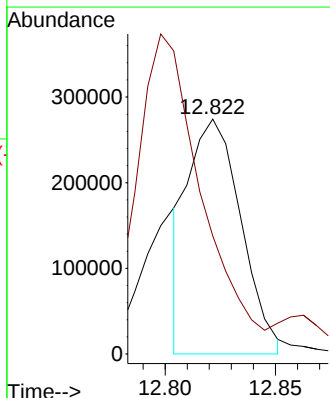
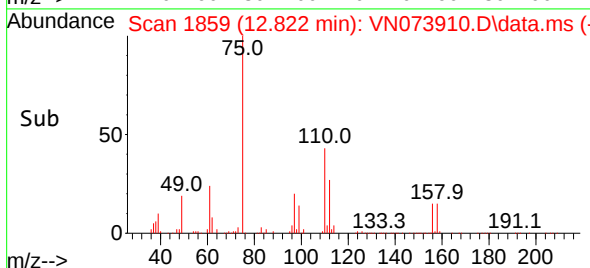
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

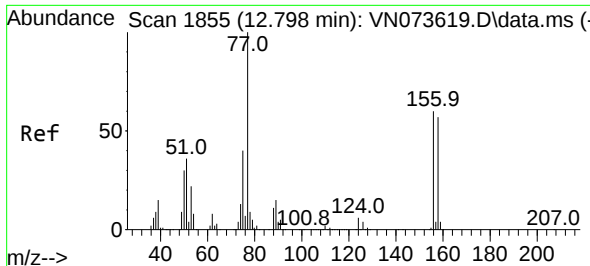


#76
1,2,3-Trichloropropane
Concen: 47.997 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.001 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



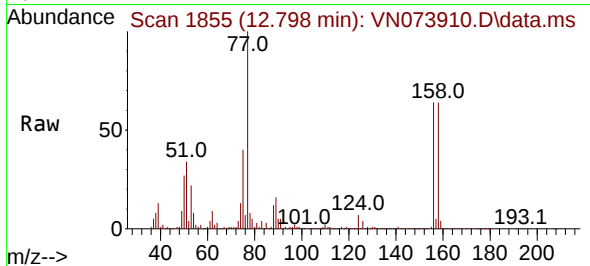
Tgt Ion: 75 Resp: 455677
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 46.969 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

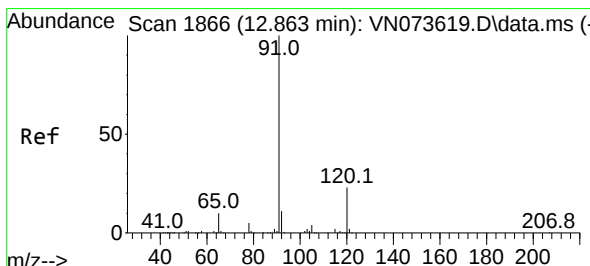
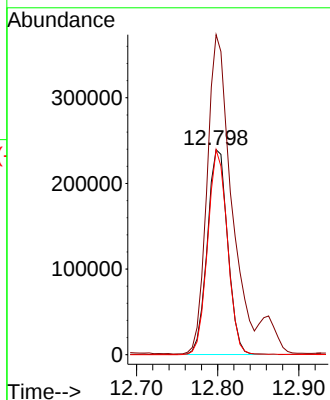
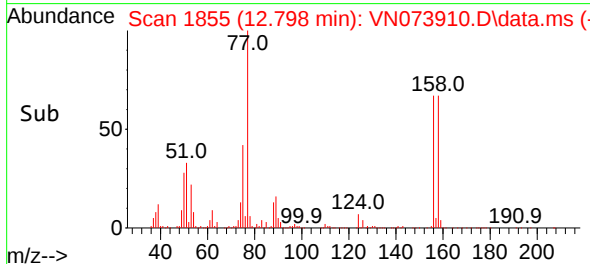
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



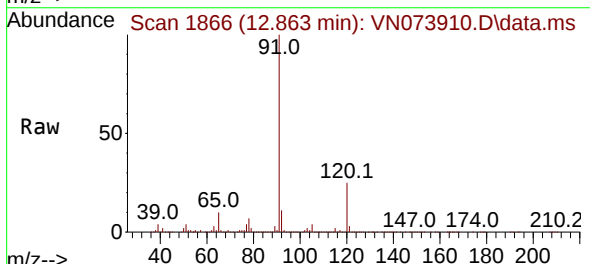
Tgt Ion:156 Resp: 416685
Ion Ratio Lower Upper
156 100
77 184.1 100.5 301.5
158 97.1 48.9 146.6

Manual Integrations
APPROVED

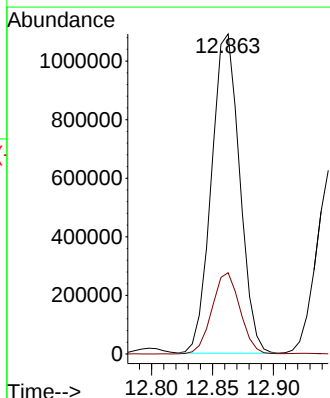
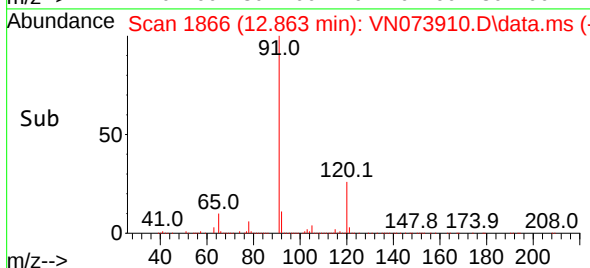
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

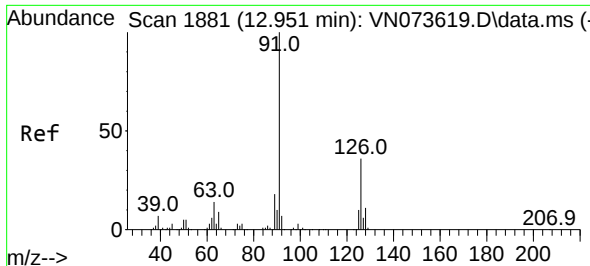


#78
n-propylbenzene
Concen: 50.285 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



Tgt Ion: 91 Resp: 1756779
Ion Ratio Lower Upper
91 100
120 25.3 11.9 35.5





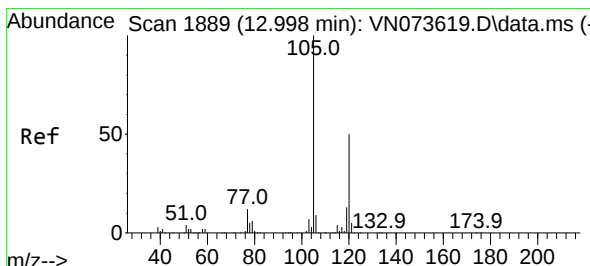
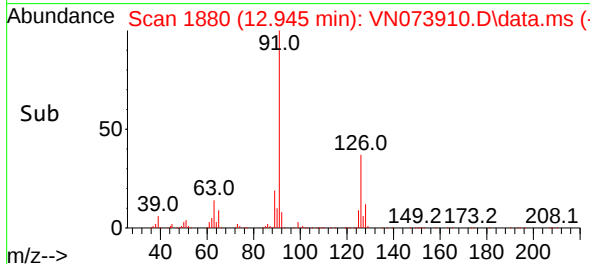
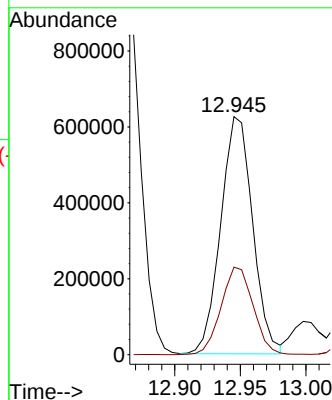
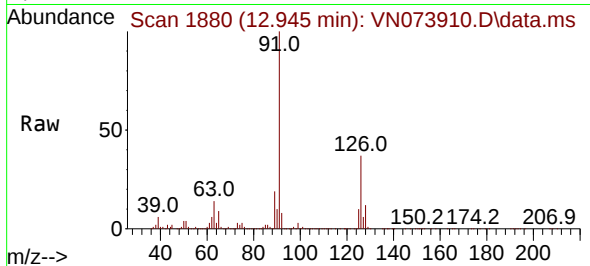
#79
2-Chlorotoluene
Concen: 48.689 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1060035
Ion Ratio Lower Upper
91 100
126 37.0 17.3 51.9

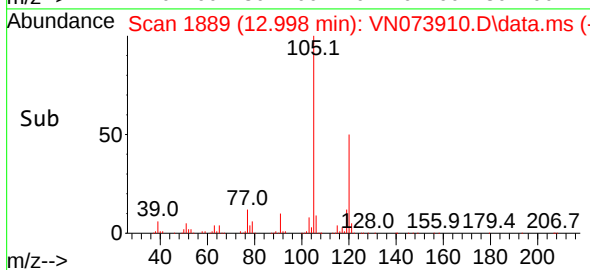
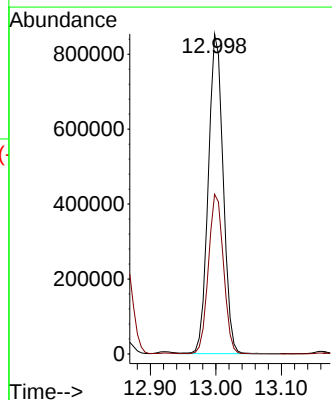
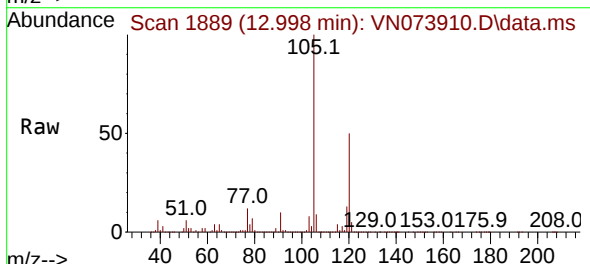
Manual Integrations
APPROVED

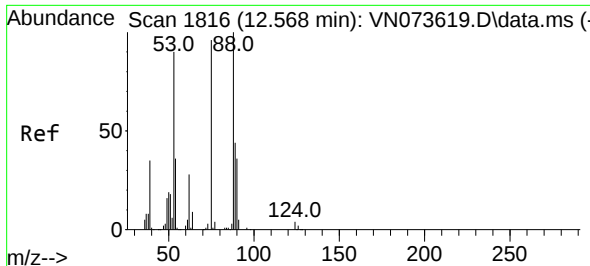
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.465 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

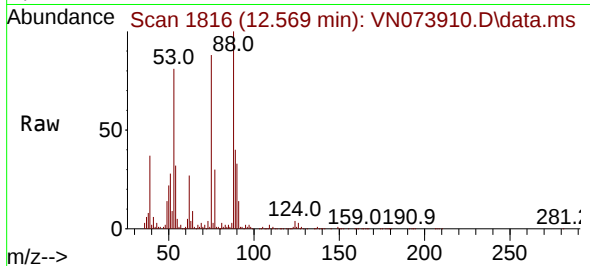
Tgt Ion:105 Resp: 1345328
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.647 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

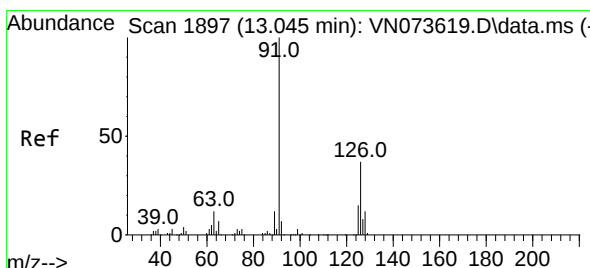
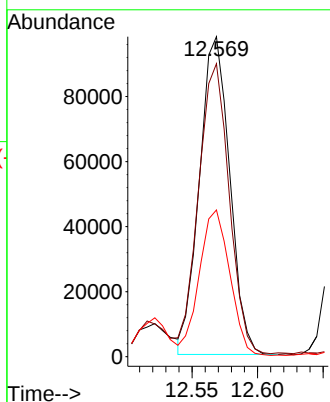
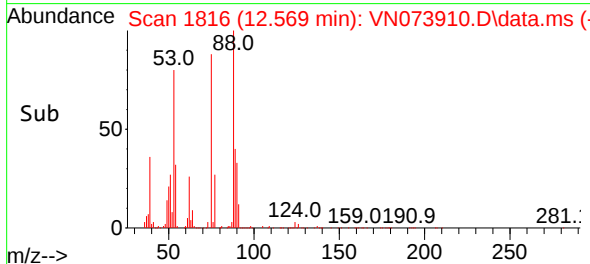
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 156724
Ion Ratio Lower Upper
75 100
53 93.4 78.0 117.0
89 46.1 37.2 55.8

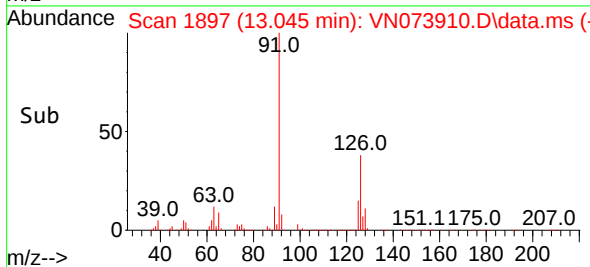
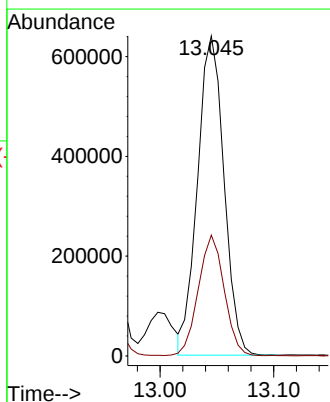
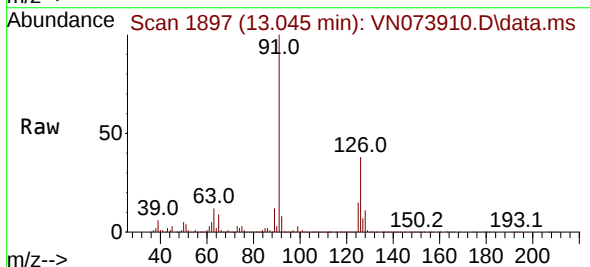
Manual Integrations
APPROVED

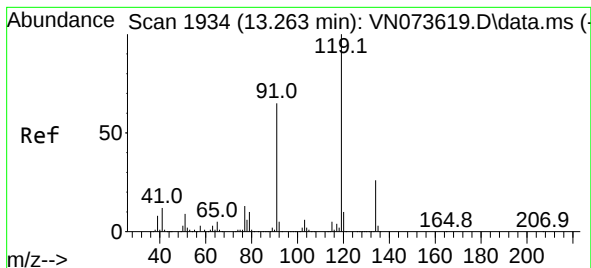
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#82
4-Chlorotoluene
Concen: 50.155 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

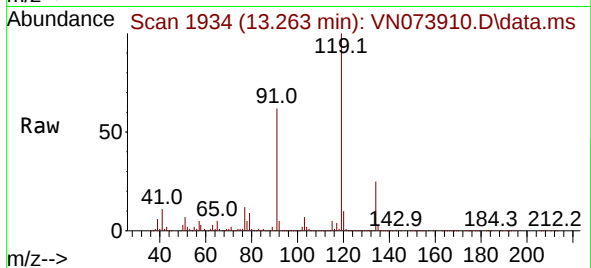
Tgt Ion: 91 Resp: 1037115
Ion Ratio Lower Upper
91 100
126 36.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 50.095 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

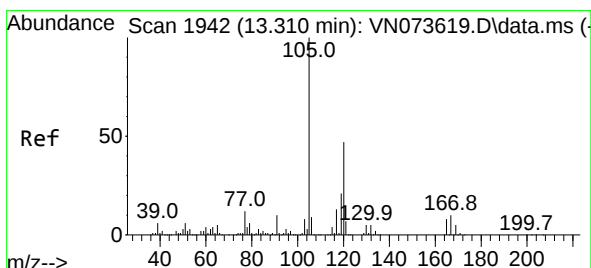
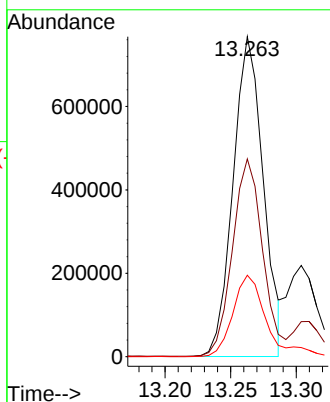
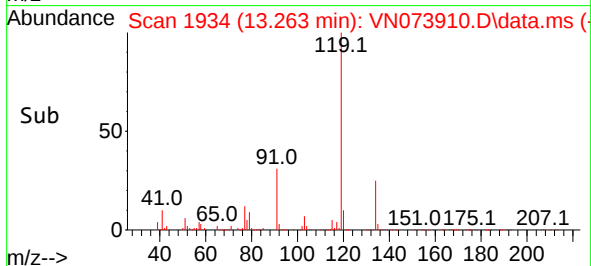
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



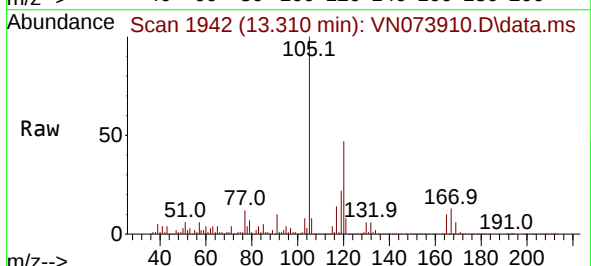
Tgt Ion:119 Resp: 122890
Ion Ratio Lower Upper
119 100
91 62.0 31.6 94.8
134 28.3 13.7 41.1

Manual Integrations
APPROVED

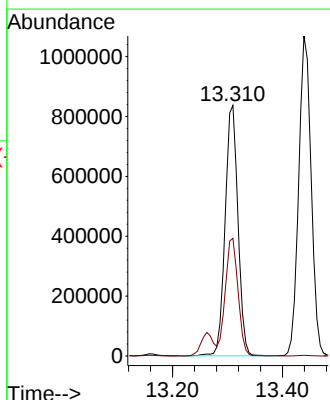
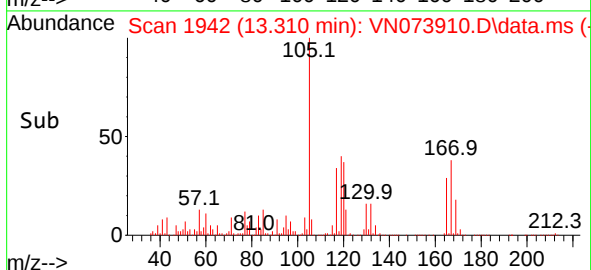
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

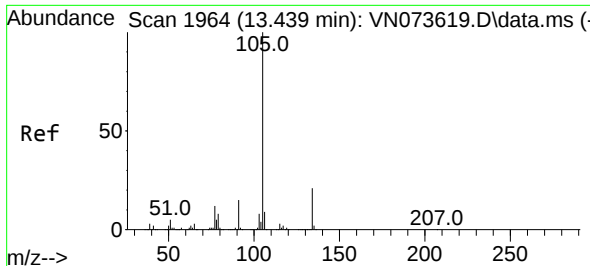


#84
1,2,4-Trimethylbenzene
Concen: 50.894 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



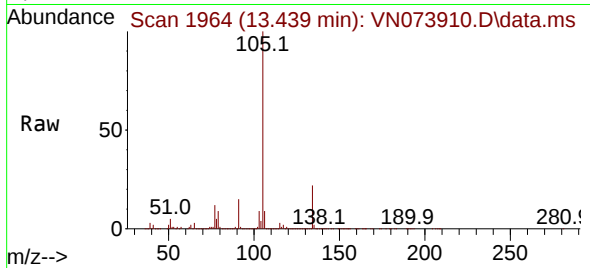
Tgt Ion:105 Resp: 1354872
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.791 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073910.D
 Acq: 15 Aug 2022 21:13

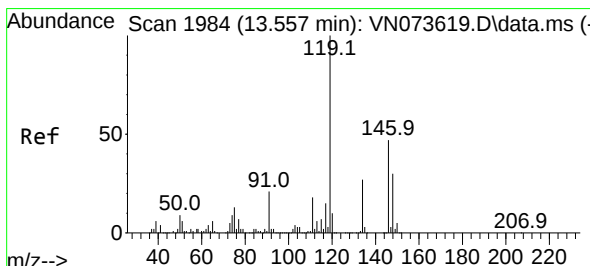
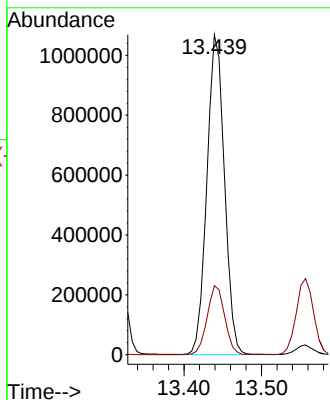
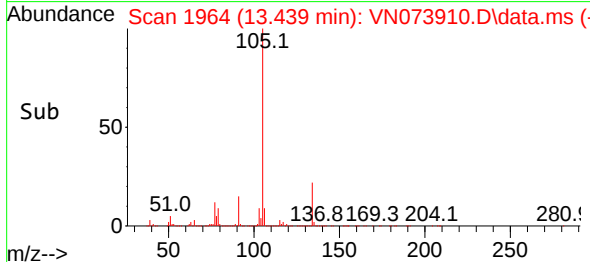
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



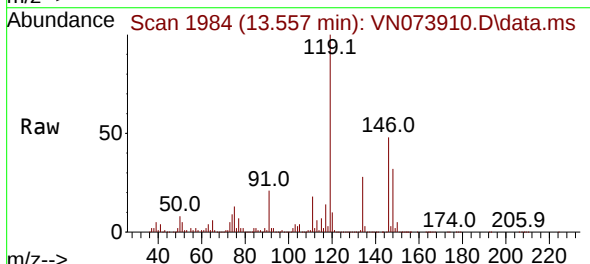
Tgt Ion:105 Resp: 167872
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.1

Manual Integrations
 APPROVED

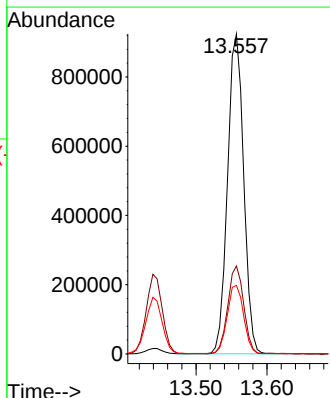
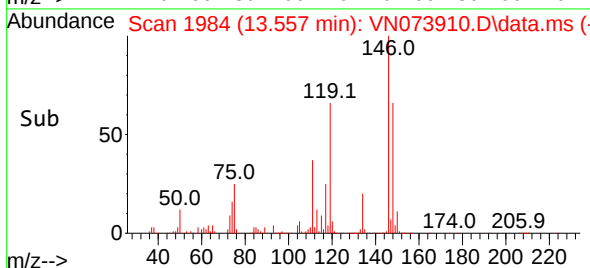
Reviewed By :John Carlone 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

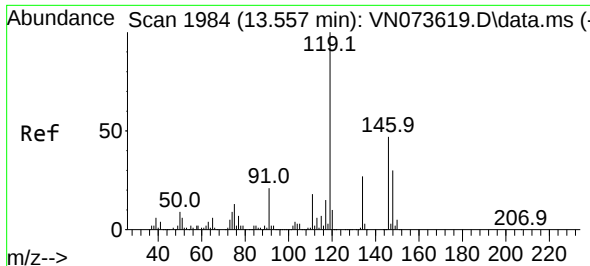


#86
 p-Isopropyltoluene
 Concen: 53.573 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073910.D
 Acq: 15 Aug 2022 21:13



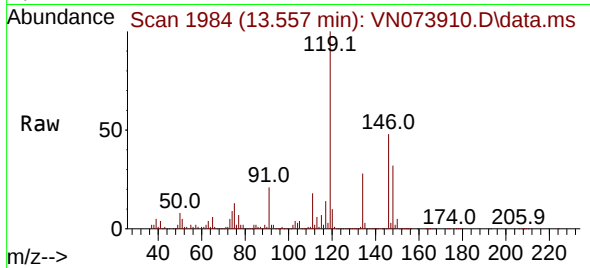
Tgt Ion:119 Resp: 1451309
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 21.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.292 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

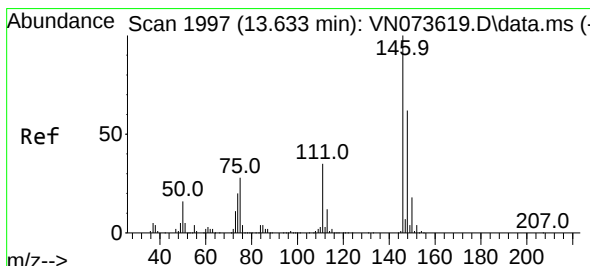
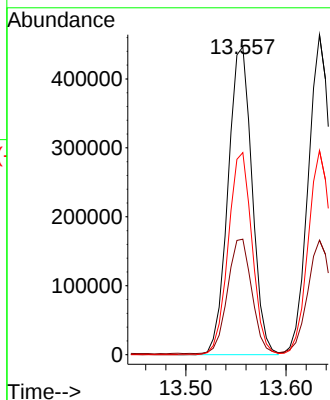
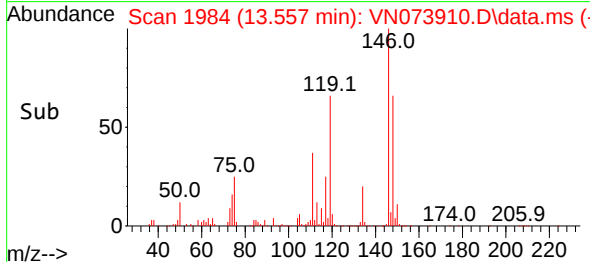
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



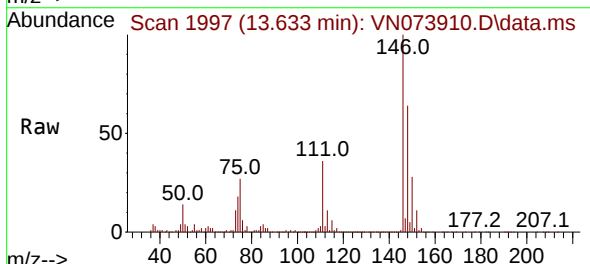
Tgt Ion:146 Resp: 742973
Ion Ratio Lower Upper
146 100
111 37.4 20.0 60.0
148 65.0 32.0 96.0

Manual Integrations
APPROVED

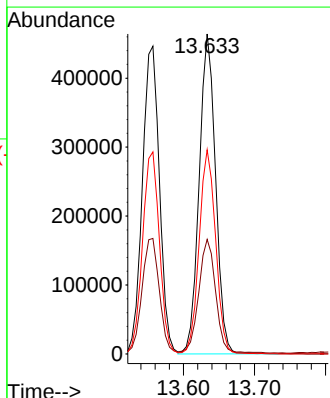
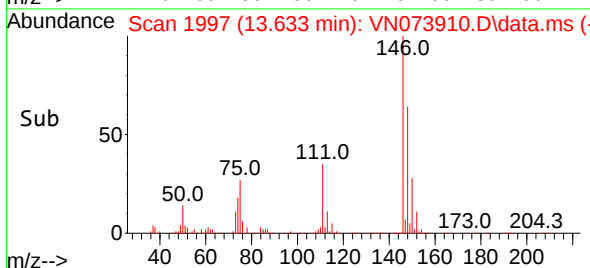
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

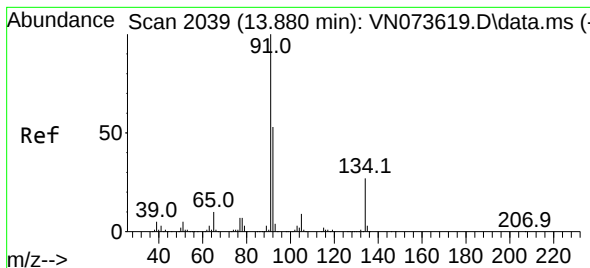


#88
1,4-Dichlorobenzene
Concen: 47.911 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



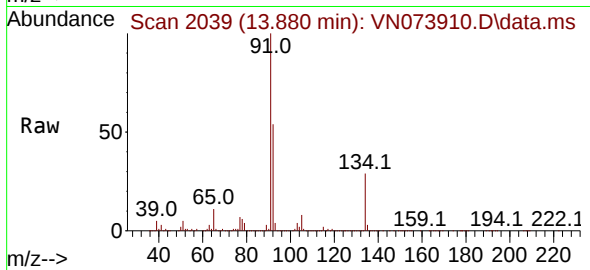
Tgt Ion:146 Resp: 747002
Ion Ratio Lower Upper
146 100
111 36.5 19.1 57.1
148 64.4 31.4 94.3





#89
n-Butylbenzene
Concen: 53.661 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

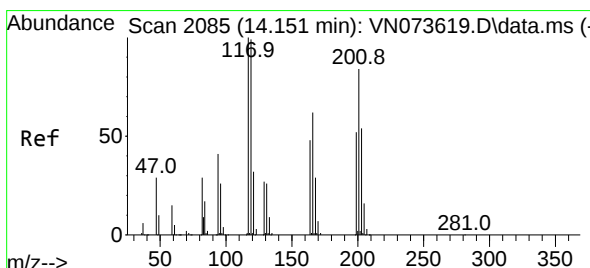
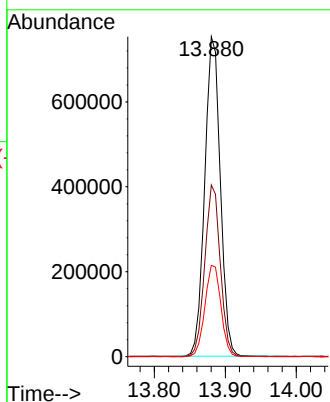
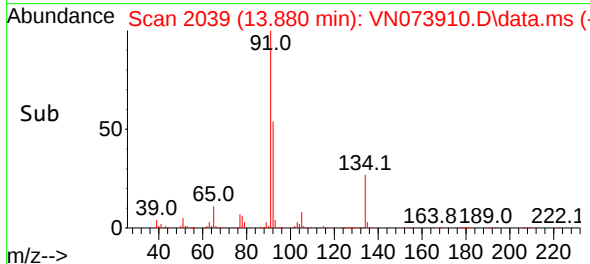
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 115141
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 29.4 13.6 40.8

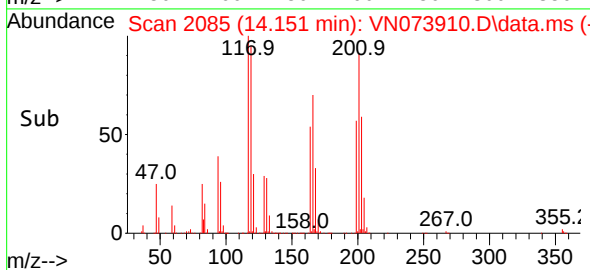
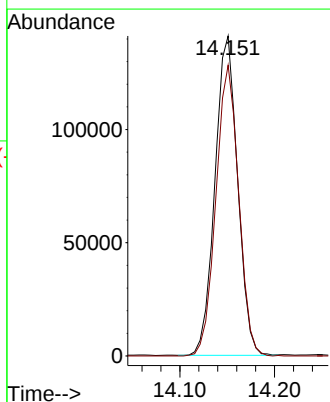
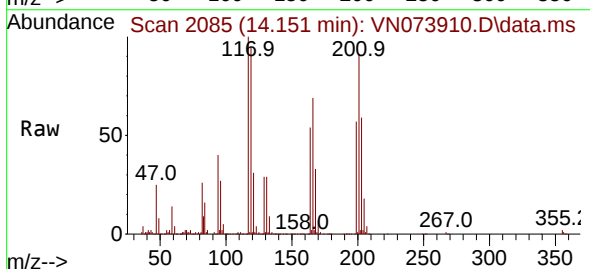
Manual Integrations
APPROVED

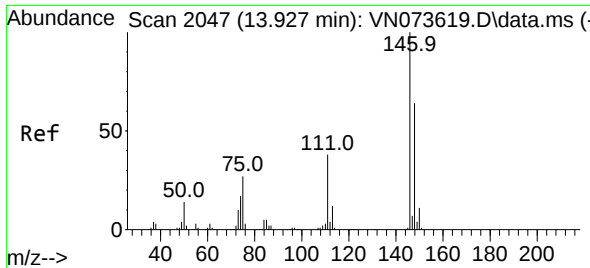
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#90
Hexachloroethane
Concen: 47.354 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

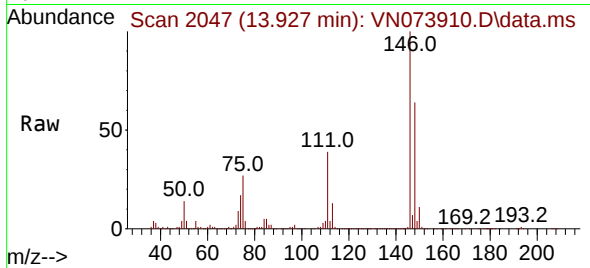
Tgt Ion:117 Resp: 234488
Ion Ratio Lower Upper
117 100
201 91.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 47.831 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

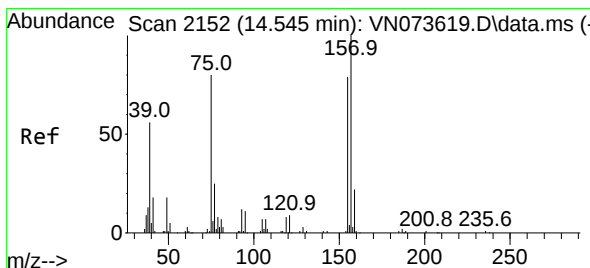
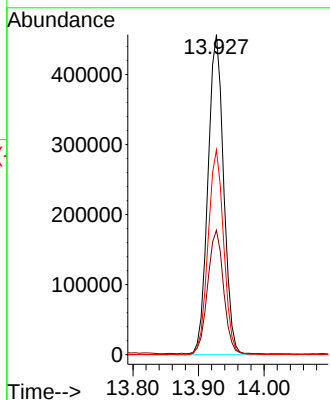
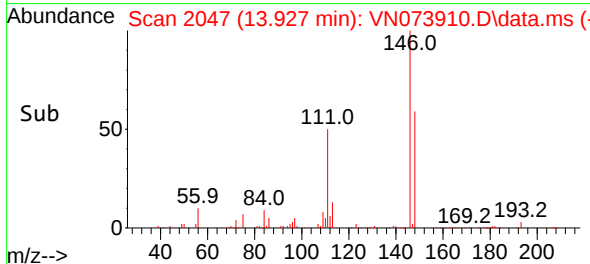
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 759899
Ion Ratio Lower Upper
146 100
111 39.4 20.9 62.8
148 63.6 32.1 96.3

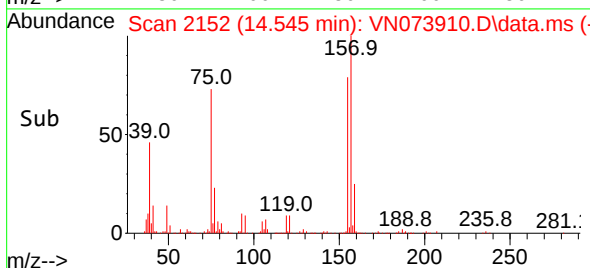
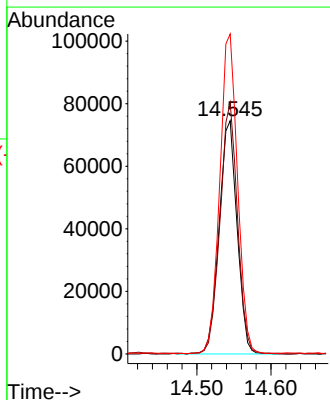
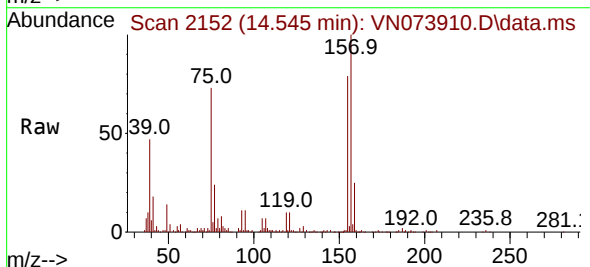
Manual Integrations
APPROVED

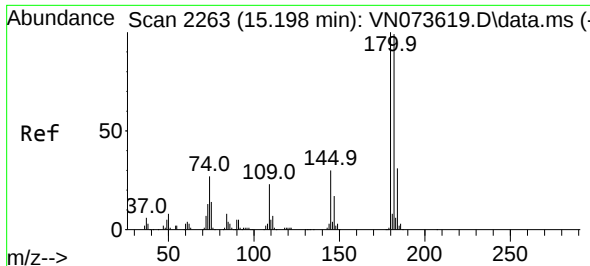
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.395 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

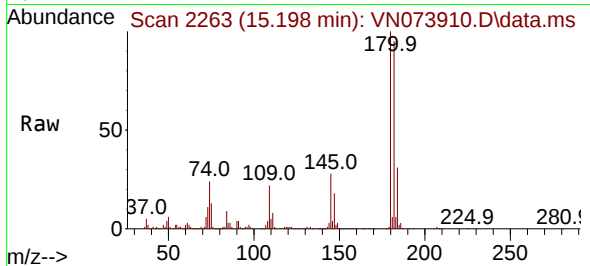
Tgt Ion: 75 Resp: 125676
Ion Ratio Lower Upper
75 100
155 104.9 44.9 134.5
157 135.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 52.306 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

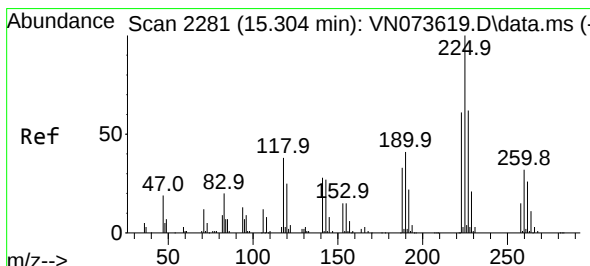
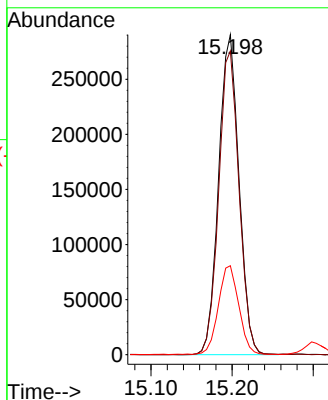
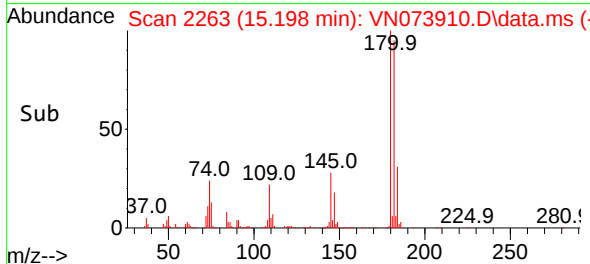
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



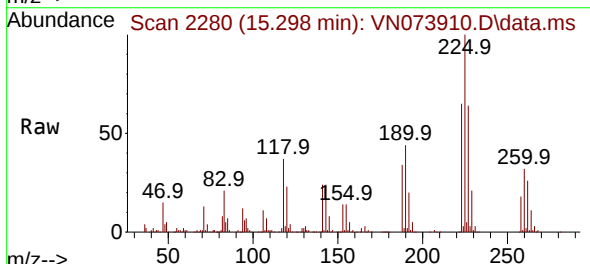
Tgt Ion:180 Resp: 50576
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 27.9 14.5 43.5

Manual Integrations
APPROVED

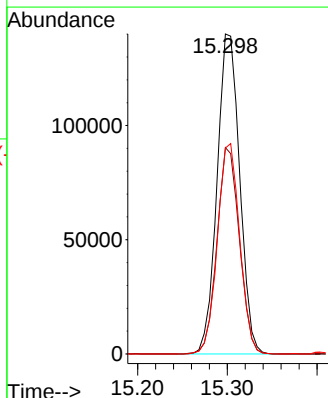
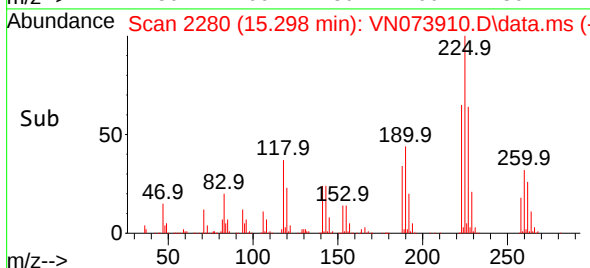
Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

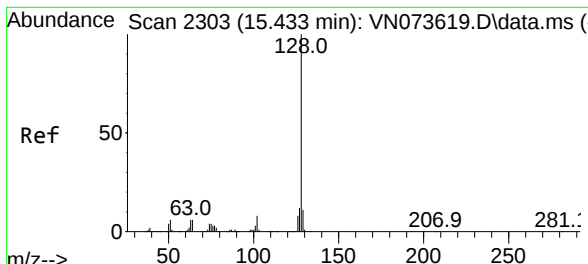


#94
Hexachlorobutadiene
Concen: 48.110 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13



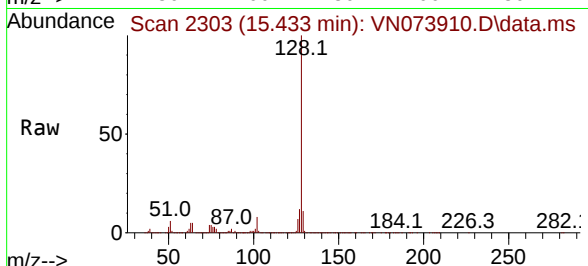
Tgt Ion:225 Resp: 245217
Ion Ratio Lower Upper
225 100
223 63.7 32.4 97.2
227 64.9 31.8 95.4





#95
Naphthalene
Concen: 55.243 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

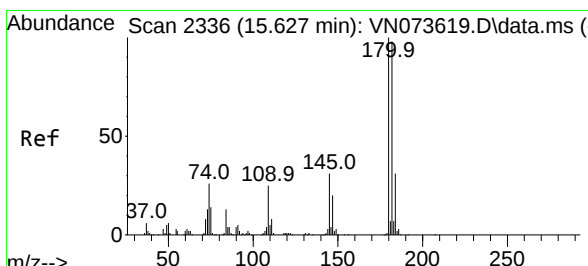
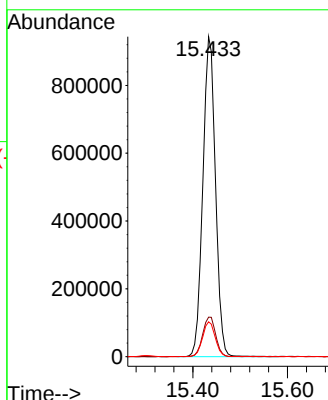
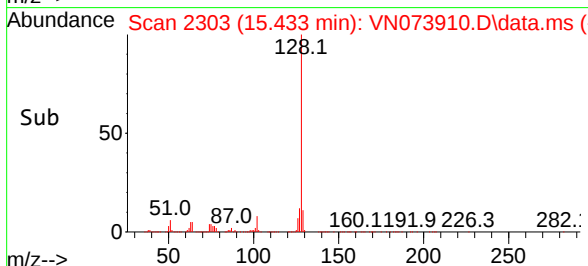
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 174146
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.687 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073910.D
Acq: 15 Aug 2022 21:13

Tgt Ion:180 Resp: 526572
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 29.4 15.5 46.5

