

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073511.D
 Acq On : 19 Jul 2022 11:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 20 06:23:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	195759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	336871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	311051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	158143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	149801	53.008	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	7.951	113	123273	55.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.000%			
50) Toluene-d8	10.375	98	408751	51.350	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	12.669	95	172272	56.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	134585	47.024	ug/l	98
3) Chloromethane	2.269	50	132661	47.744	ug/l	97
4) Vinyl Chloride	2.405	62	112981	47.855	ug/l	100
5) Bromomethane	2.781	94	68311	61.260	ug/l	96
6) Chloroethane	2.946	64	72856	52.460	ug/l	98
7) Trichlorofluoromethane	3.305	101	207326	50.795	ug/l	95
8) Diethyl Ether	3.757	74	88577	53.311	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.140	101	127337	52.799	ug/l	97
10) Methyl Iodide	4.352	142	127668	44.549	ug/l	95
11) Tert butyl alcohol	5.281	59	177130	258.741	ug/l	99
12) 1,1-Dichloroethene	4.104	96	110641	48.012	ug/l	93
13) Acrolein	3.975	56	68690	158.746	ug/l	99
14) Allyl chloride	4.757	41	264460	54.475	ug/l #	88
15) Acrylonitrile	5.469	53	546295	309.990	ug/l	100
16) Acetone	4.216	43	512395	323.017	ug/l	95
17) Carbon Disulfide	4.452	76	243621	40.770	ug/l	99
18) Methyl Acetate	4.769	43	307135	69.091	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	466574	55.551	ug/l	99
20) Methylene Chloride	5.010	84	145456	52.177	ug/l	89
21) trans-1,2-Dichloroethene	5.516	96	120529	50.055	ug/l	97
22) Diisopropyl ether	6.404	45	556110	61.388	ug/l #	96
23) Vinyl Acetate	6.346	43	2334317	287.807	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	270299	57.658	ug/l	98
25) 2-Butanone	7.251	43	808547	320.150	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	211932	48.880	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	152816	52.407	ug/l	92
28) Bromochloromethane	7.575	49	120243	61.244	ug/l #	81
29) Tetrahydrofuran	7.604	42	532054	307.673	ug/l #	84
30) Chloroform	7.740	83	270354	57.258	ug/l	99
31) Cyclohexane	8.016	56	219718	47.473	ug/l	89
32) 1,1,1-Trichloroethane	7.940	97	222874	52.967	ug/l	99
36) 1,1-Dichloropropene	8.145	75	183706	53.270	ug/l	97
37) Ethyl Acetate	7.334	43	305239	58.578	ug/l #	94
38) Carbon Tetrachloride	8.128	117	179429	50.312	ug/l	99
39) Methylcyclohexane	9.392	83	211930	49.361	ug/l	90
40) Benzene	8.387	78	578616	54.366	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
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Manual Integrations APPROVED

Reviewed By : John Carlone 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	157964	62.507	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	215117	55.759	ug/l	99
43) Isopropyl Acetate	8.492	43	438513	58.556	ug/l #	93
44) Trichloroethene	9.145	130	136757	50.493	ug/l	92
45) 1,2-Dichloropropane	9.422	63	158874	58.567	ug/l	98
46) Dibromomethane	9.516	93	100433	54.527	ug/l	91
47) Bromodichloromethane	9.698	83	208168	58.353	ug/l	92
48) Methyl methacrylate	9.492	41	197360	56.919	ug/l	90
49) 1,4-Dioxane	9.504	88	75431	1145.944	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	1536860	323.614	ug/l	90
52) Toluene	10.439	92	360005	54.734	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	218173	55.555	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	238532	56.261	ug/l	92
55) 1,1,2-Trichloroethane	10.839	97	153781	56.792	ug/l	98
56) Ethyl methacrylate	10.698	69	253650	57.955	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	265484	57.194	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	575872	295.031	ug/l	93
59) 2-Hexanone	11.022	43	1165126	321.853	ug/l	89
60) Dibromochloromethane	11.175	129	154810	59.965	ug/l	100
61) 1,2-Dibromoethane	11.286	107	151157	55.888	ug/l	99
64) Tetrachloroethene	10.916	164	127821	50.324	ug/l	98
65) Chlorobenzene	11.710	112	368527	52.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	139630	53.962	ug/l	99
67) Ethyl Benzene	11.780	91	692561	54.227	ug/l	99
68) m/p-Xylenes	11.892	106	522761	108.458	ug/l	95
69) o-Xylene	12.216	106	258009	52.435	ug/l	95
70) Styrene	12.233	104	442791	58.286	ug/l	99
71) Bromoform	12.398	173	112381	59.355	ug/l #	100
73) Isopropylbenzene	12.516	105	689057	50.457	ug/l	98
74) N-amyl acetate	12.327	43	351535	51.409	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	247479	54.611	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	215575m	52.133	ug/l	
77) Bromobenzene	12.798	156	154783	48.749	ug/l	84
78) n-propylbenzene	12.857	91	821369	54.141	ug/l	97
79) 2-Chlorotoluene	12.945	91	495834	51.639	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	576006	51.748	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	79513	52.734	ug/l	93
82) 4-Chlorotoluene	13.045	91	480963	51.740	ug/l	96
83) tert-Butylbenzene	13.263	119	501572	50.262	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	577734	51.986	ug/l	96
85) sec-Butylbenzene	13.439	105	728662	54.378	ug/l	97
86) p-Isopropyltoluene	13.557	119	588409	54.359	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	288440	50.638	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	286291	50.164	ug/l	98
89) n-Butylbenzene	13.880	91	511394	56.695	ug/l	97
90) Hexachloroethane	14.151	117	106437	52.762	ug/l	84
91) 1,2-Dichlorobenzene	13.922	146	295211	50.877	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	56134	50.964	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	155602	51.502	ug/l	98
94) Hexachlorobutadiene	15.298	225	70923	52.807	ug/l	98
95) Naphthalene	15.433	128	569552	46.730	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	158753	50.938	ug/l	97

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MSVOA_N
ClientSampleId :
VSTDCCC050

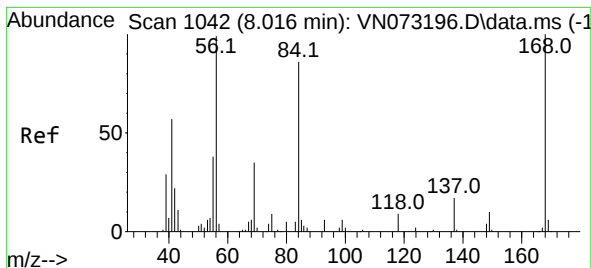
Manual Integrations
APPROVED

Reviewed By : John Carlone 07/20/2022
Supervised By : Mahesh Dadoda 07/20/2022

Quant Time: Jul 20 06:23:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

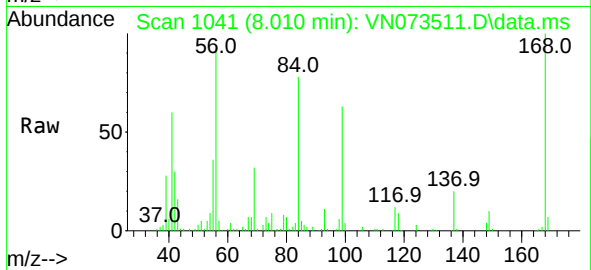
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073511.D
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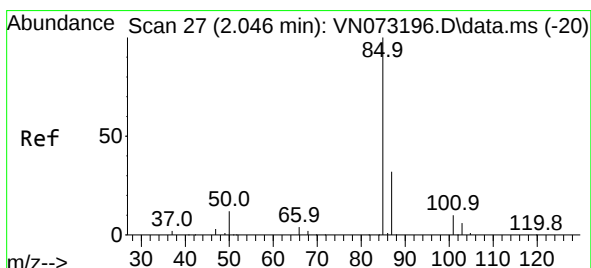
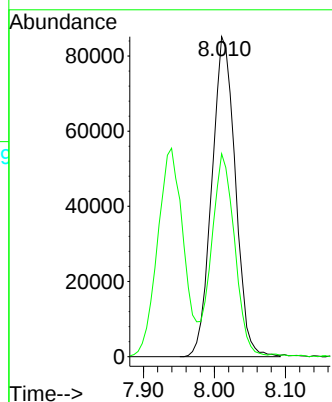
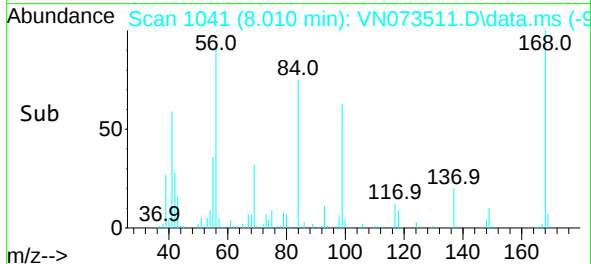
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 195759
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5

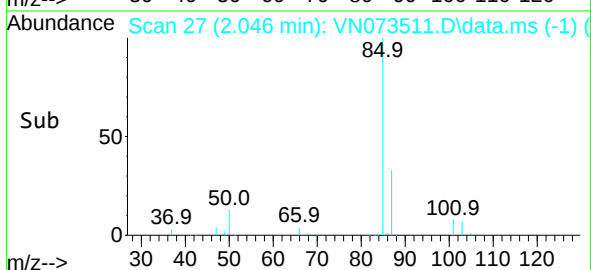
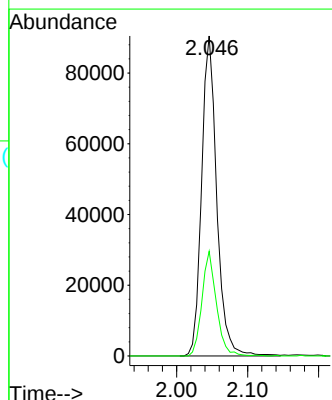
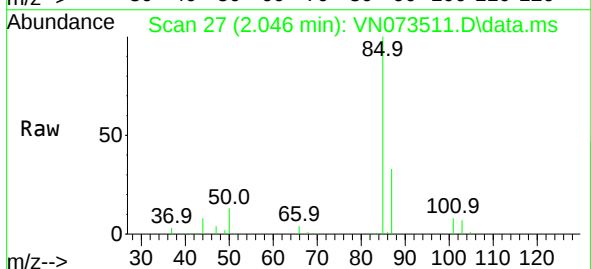
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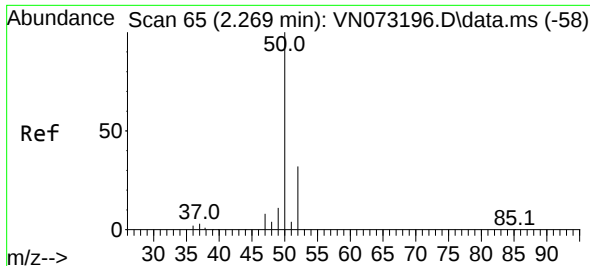
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#2
Dichlorodifluoromethane
Concen: 47.024 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

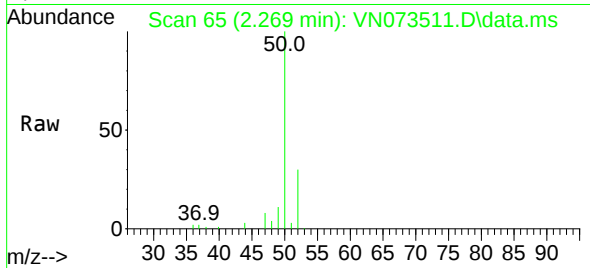
Tgt Ion: 85 Resp: 134585
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.1





#3
Chloromethane
Concen: 47.744 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

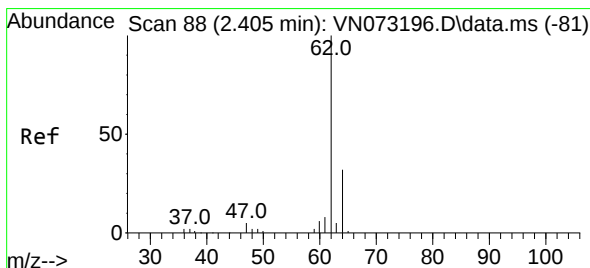
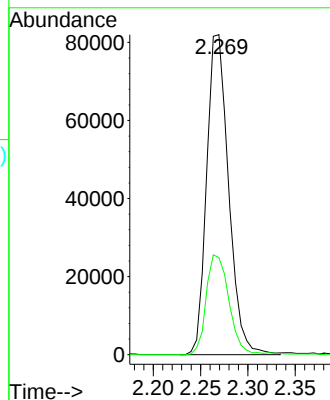
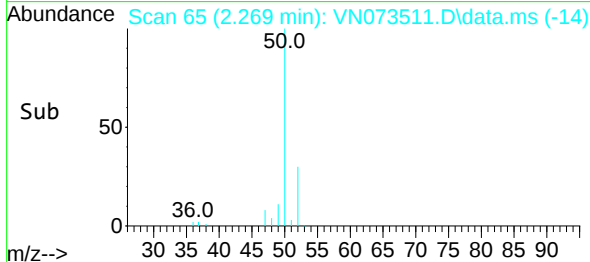
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 13266
Ion Ratio Lower Upper
50 100
52 30.4 25.7 38.5

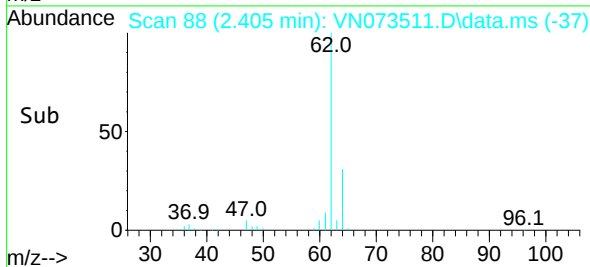
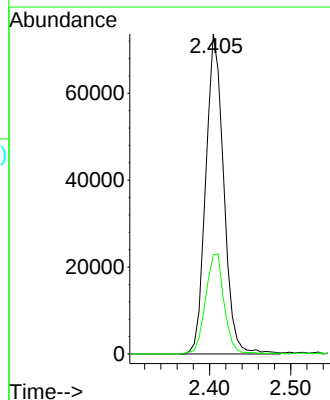
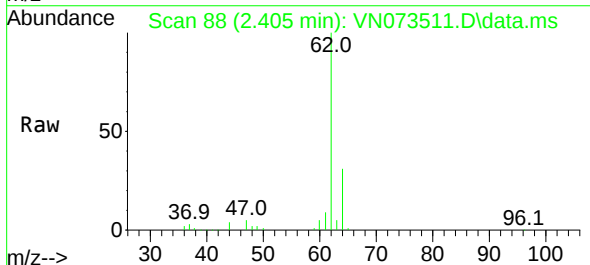
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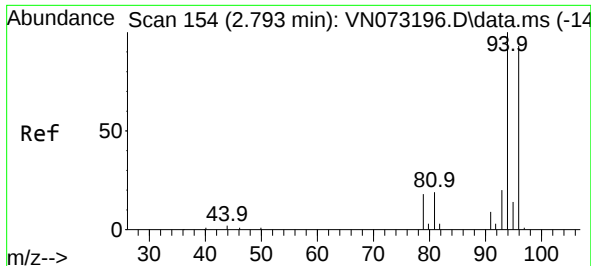
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#4
Vinyl Chloride
Concen: 47.855 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

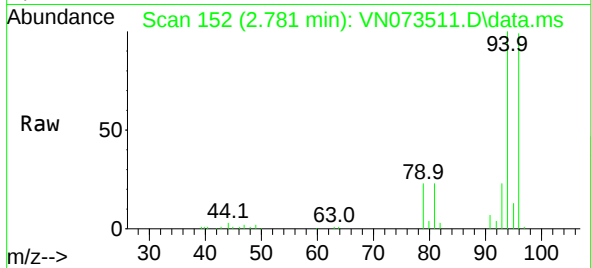
Tgt Ion: 62 Resp: 112981
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.4





#5
Bromomethane
Concen: 61.260 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

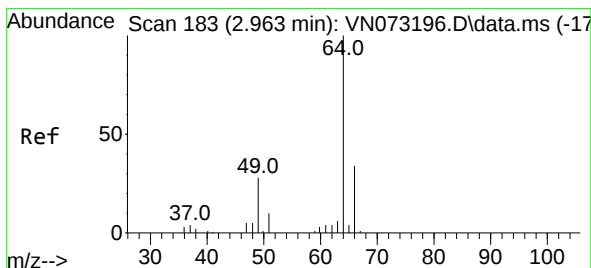
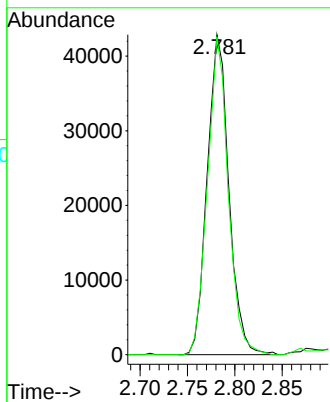
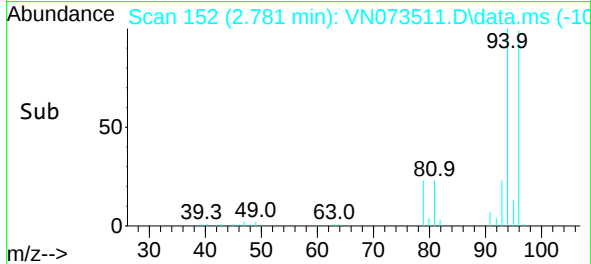
Instrument :
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Tgt Ion: 94 Resp: 6831
Ion Ratio Lower Upper
94 100
96 99.3 76.0 114.0

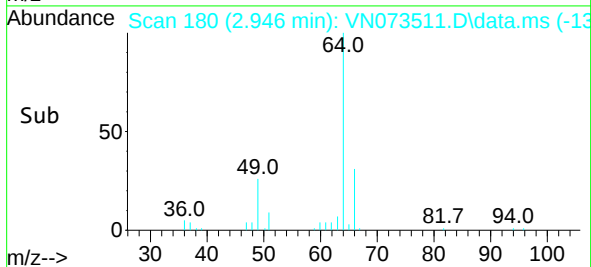
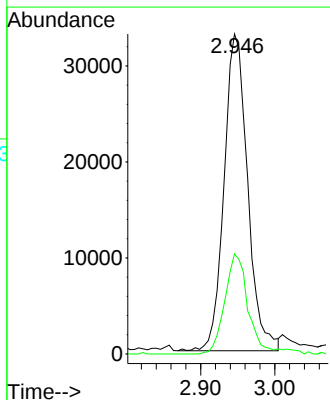
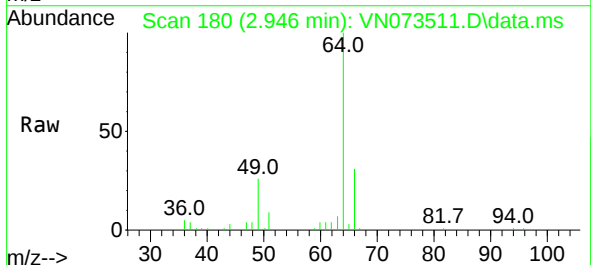
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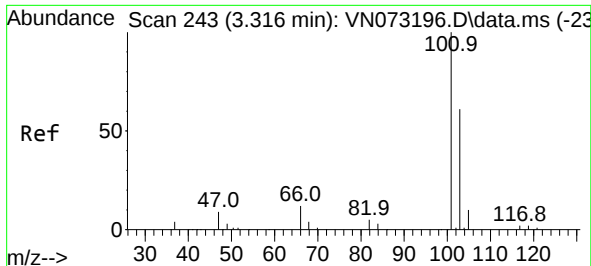
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#6
Chloroethane
Concen: 52.460 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.017 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion: 64 Resp: 72856
Ion Ratio Lower Upper
64 100
66 31.6 26.2 39.4





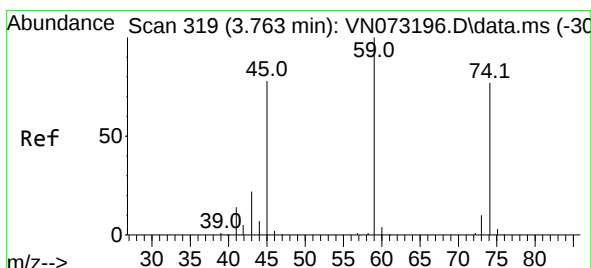
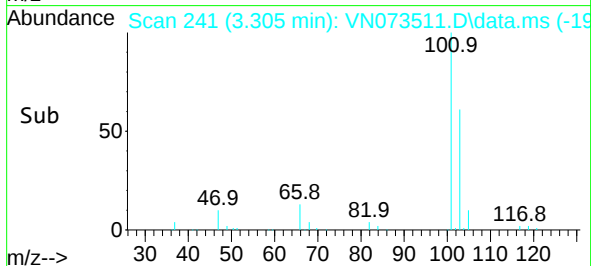
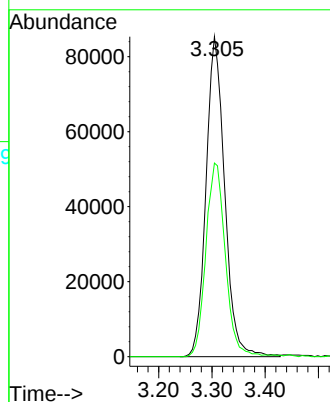
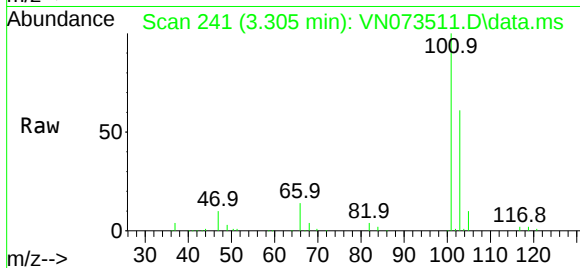
#7
Trichlorofluoromethane
Concen: 50.795 ug/l
RT: 3.305 min Scan# 243
Delta R.T. -0.011 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 207320
Ion Ratio Lower Upper
101 100
103 60.5 51.5 77.3

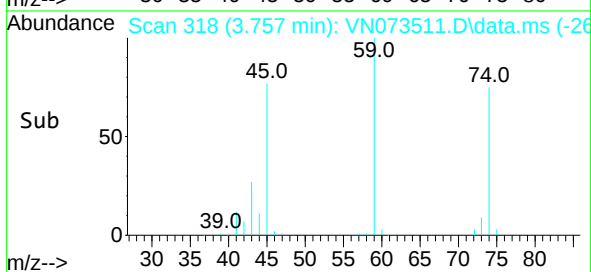
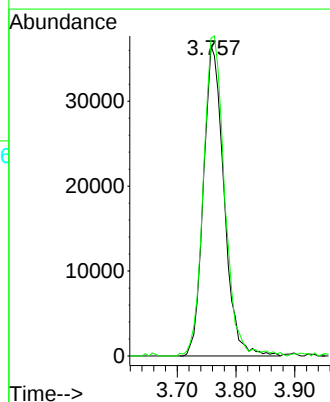
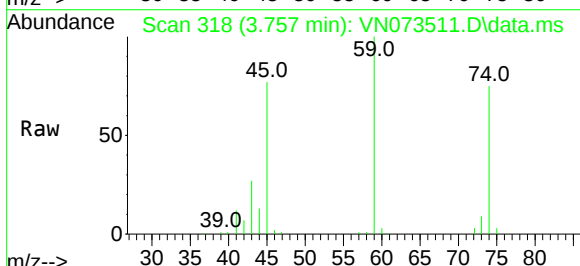
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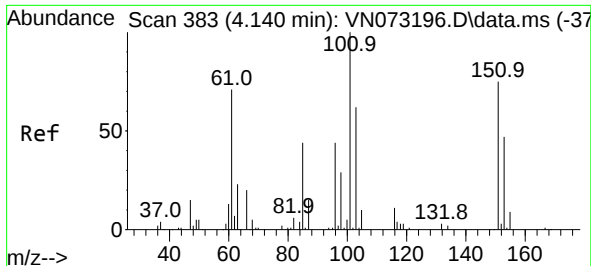
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#8
Diethyl Ether
Concen: 53.311 ug/l
RT: 3.757 min Scan# 318
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion: 74 Resp: 88577
Ion Ratio Lower Upper
74 100
45 106.6 42.9 128.5





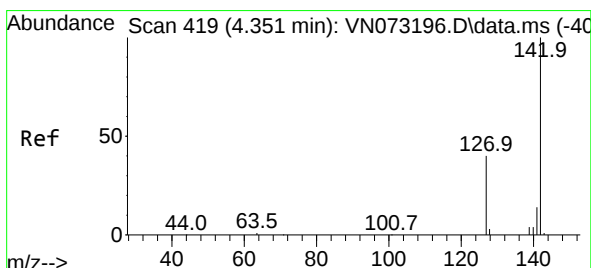
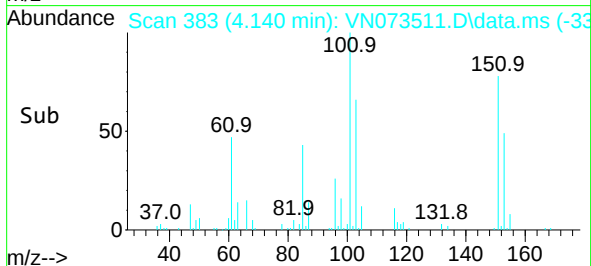
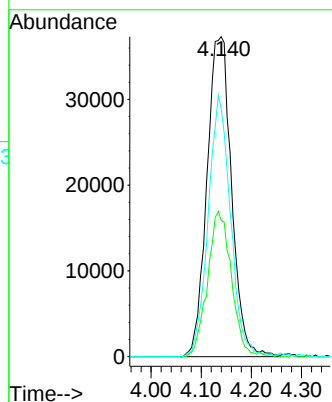
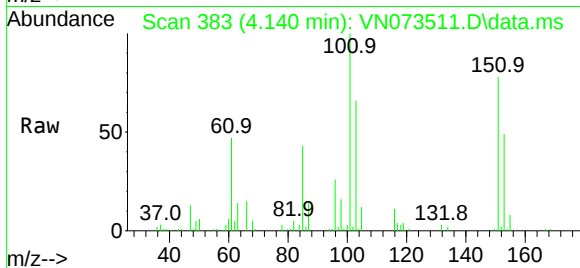
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.799 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12733
Ion Ratio Lower Upper
101 100
85 43.6 34.7 52.1
151 74.1 63.0 94.4

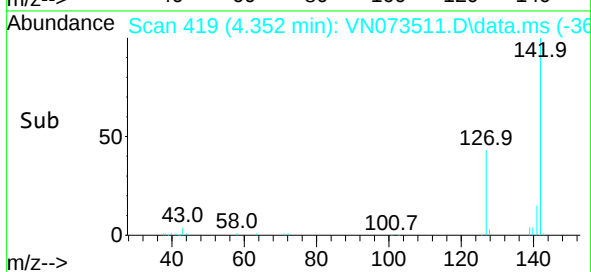
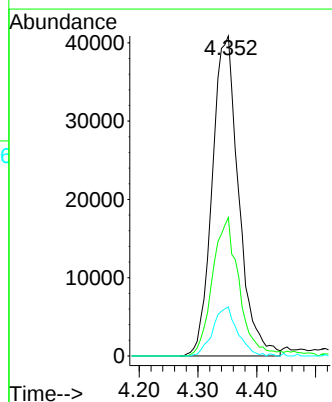
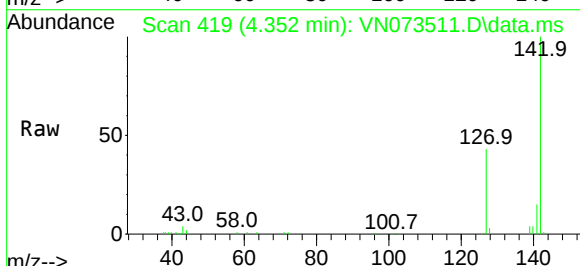
Manual Integrations
APPROVED

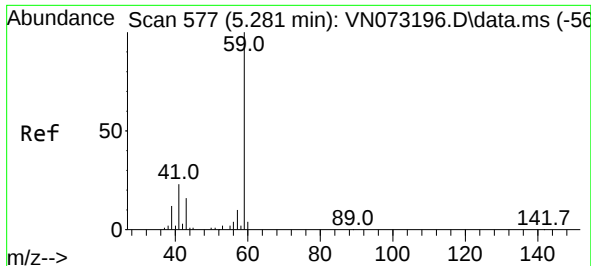
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#10
Methyl Iodide
Concen: 44.549 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.001 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

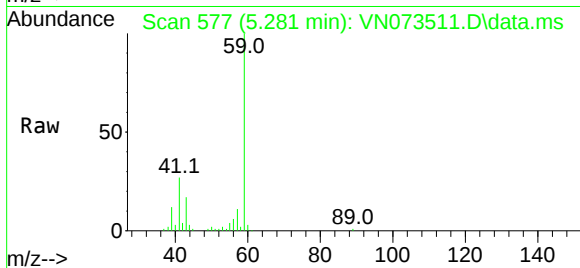
Tgt Ion:142 Resp: 127668
Ion Ratio Lower Upper
142 100
127 43.5 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 258.741 ug/l
RT: 5.281 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

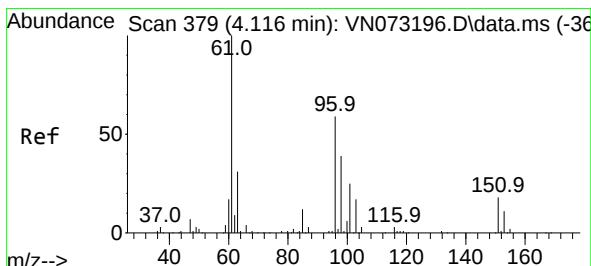
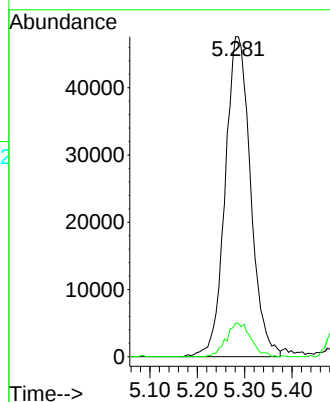
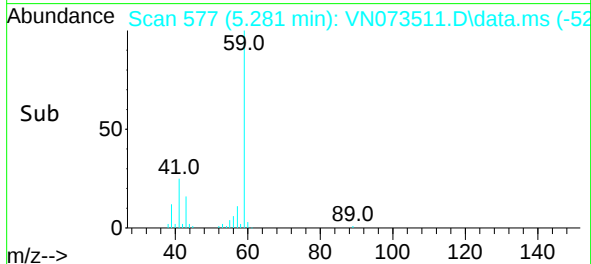
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



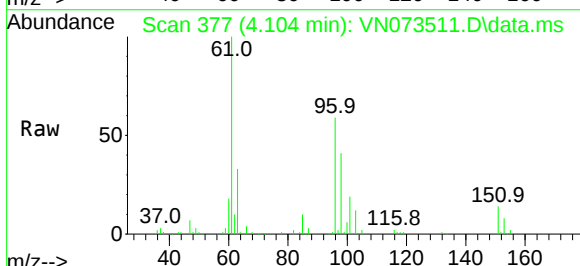
Tgt Ion: 59 Resp: 177130
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
APPROVED

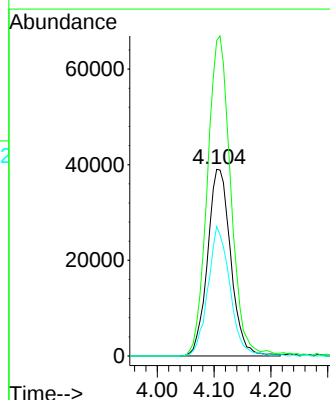
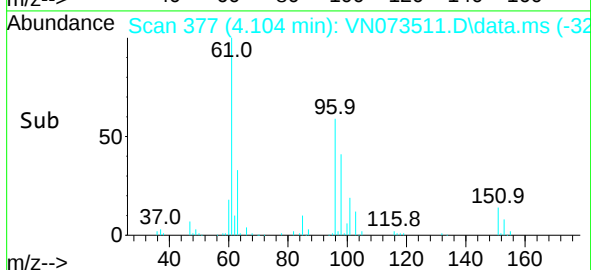
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

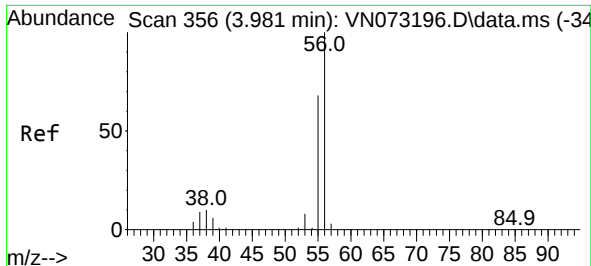


#12
1,1-Dichloroethene
Concen: 48.012 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.012 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27



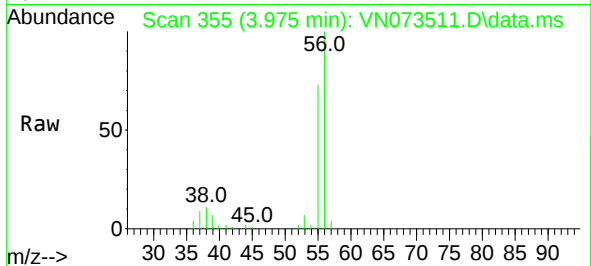
Tgt Ion: 96 Resp: 110641
Ion Ratio Lower Upper
96 100
61 169.0 127.6 191.4
98 69.4 51.2 76.8





#13
Acrolein
Concen: 158.746 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

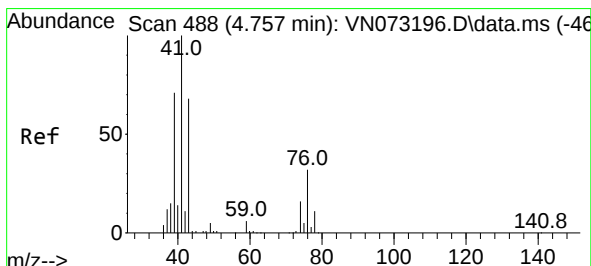
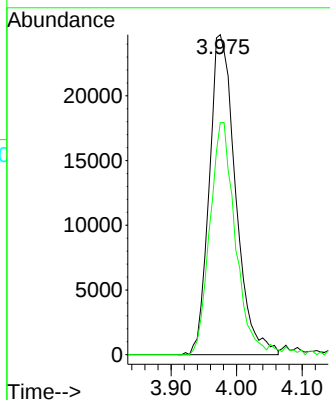
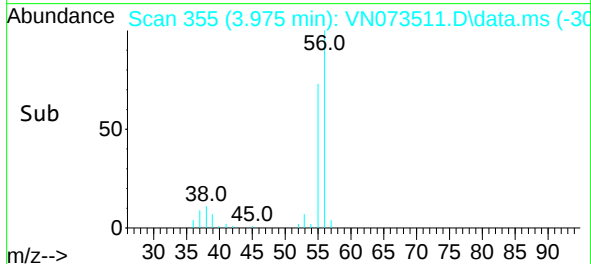
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 68690
Ion Ratio Lower Upper
56 100
55 69.6 54.8 82.2

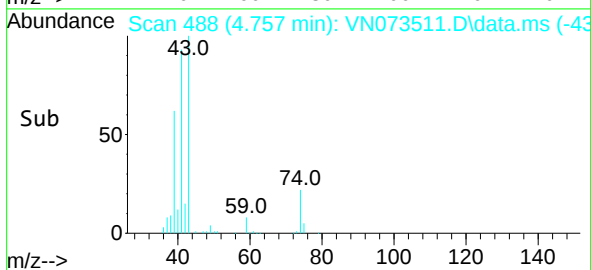
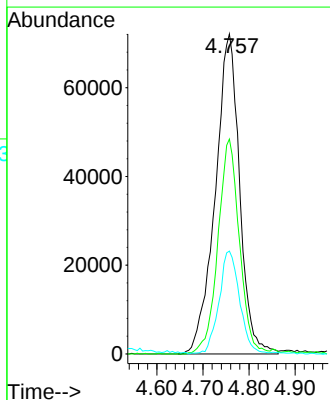
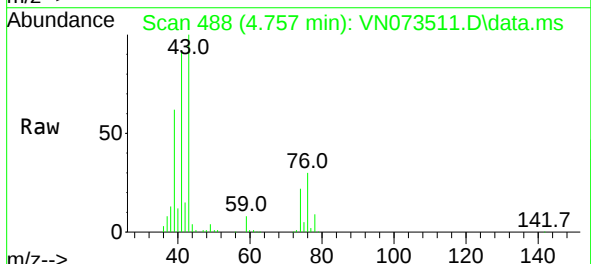
Manual Integrations
APPROVED

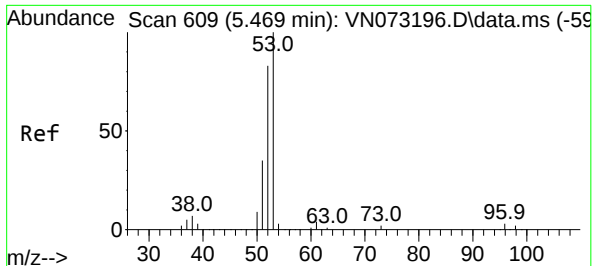
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#14
Allyl chloride
Concen: 54.475 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

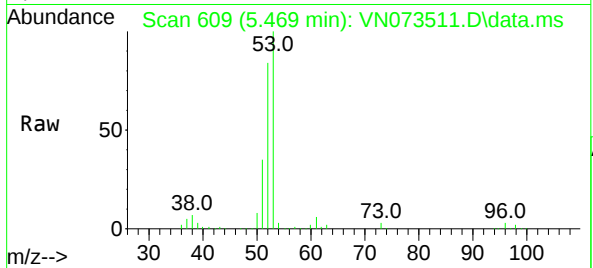
Tgt Ion: 41 Resp: 264460
Ion Ratio Lower Upper
41 100
39 59.0 53.2 79.8
76 27.3 29.9 44.9#





#15
Acrylonitrile
Concen: 309.990 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

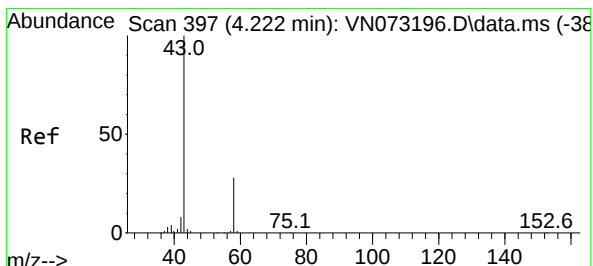
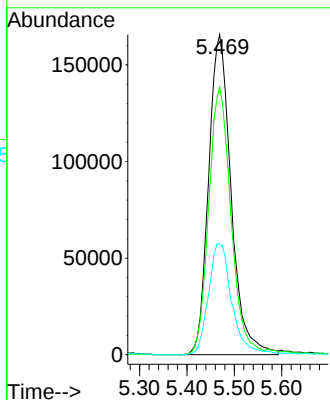
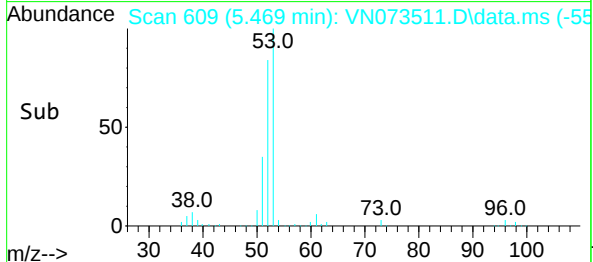
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



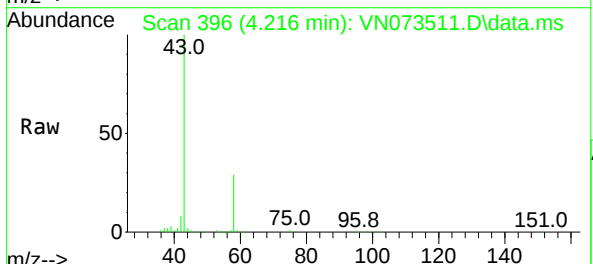
Tgt Ion: 53 Resp: 546295
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 36.0 28.5 42.7

Manual Integrations
APPROVED

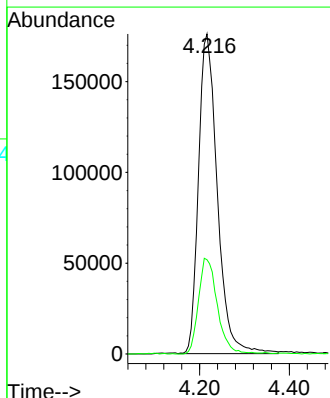
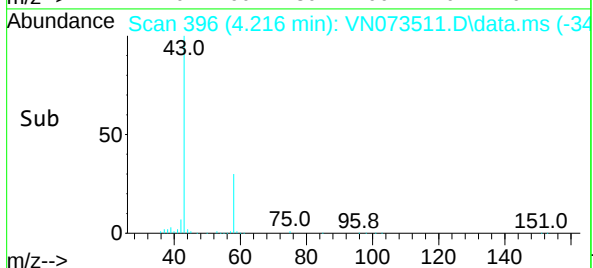
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

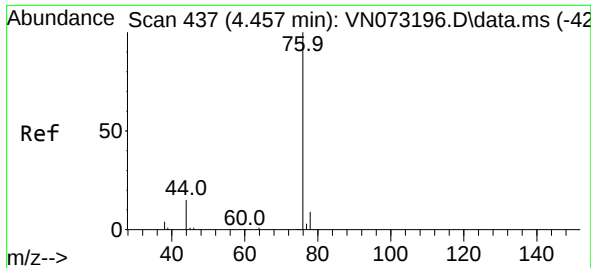


#16
Acetone
Concen: 323.017 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27



Tgt Ion: 43 Resp: 512395
Ion Ratio Lower Upper
43 100
58 29.5 26.0 39.0





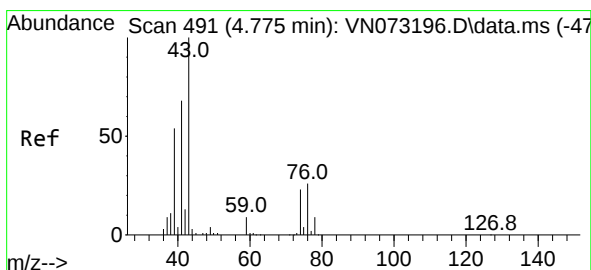
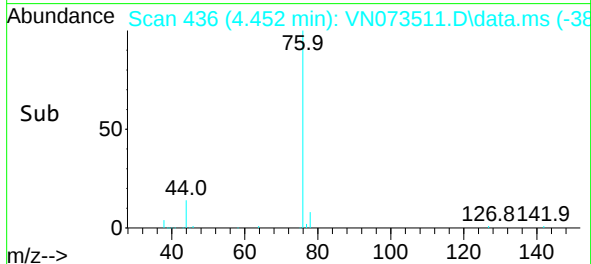
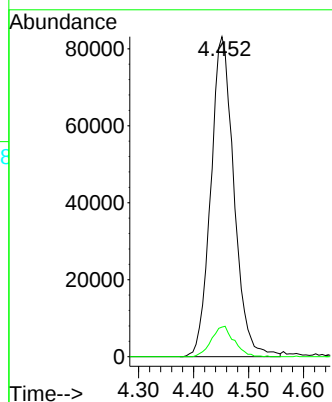
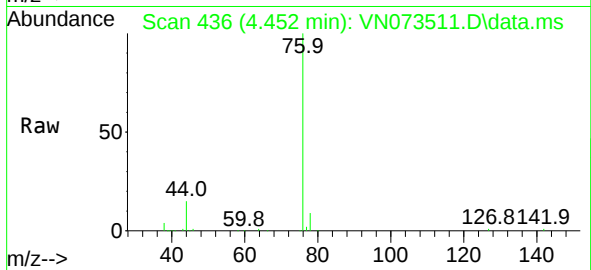
#17
Carbon Disulfide
Concen: 40.770 ug/l
RT: 4.452 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 24362
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

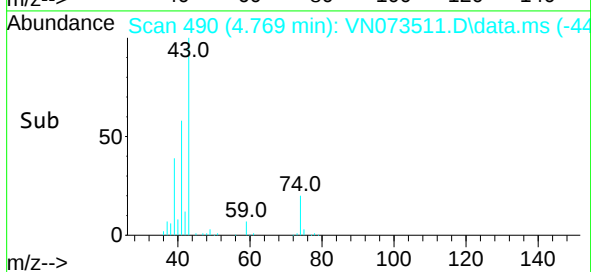
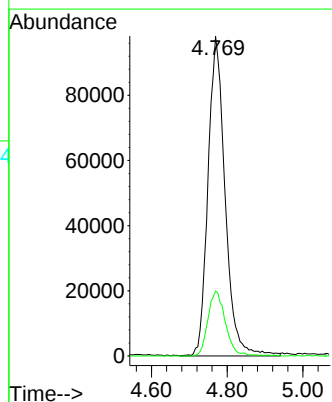
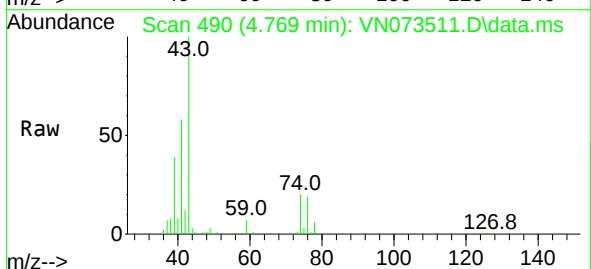
Manual Integrations
APPROVED

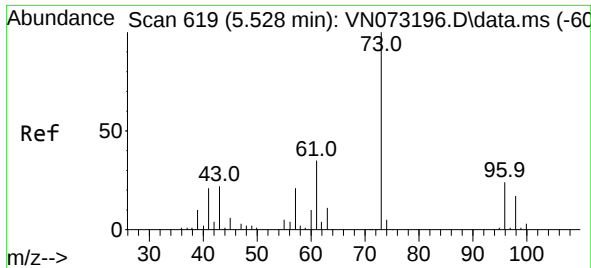
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#18
Methyl Acetate
Concen: 69.091 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

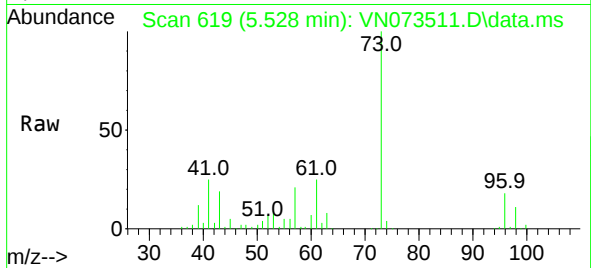
Tgt Ion: 43 Resp: 307135
Ion Ratio Lower Upper
43 100
74 20.7 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 55.551 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

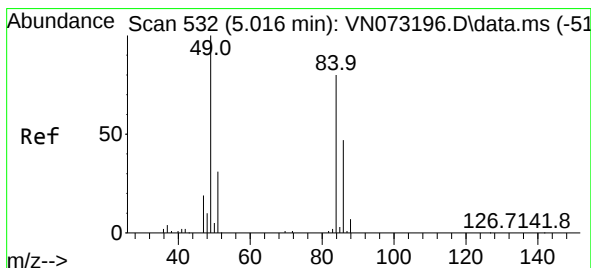
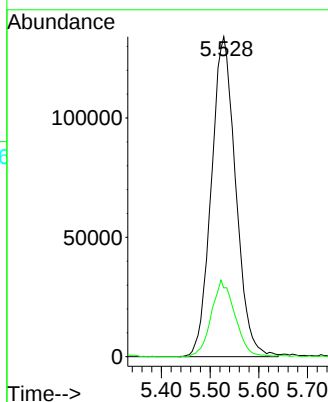
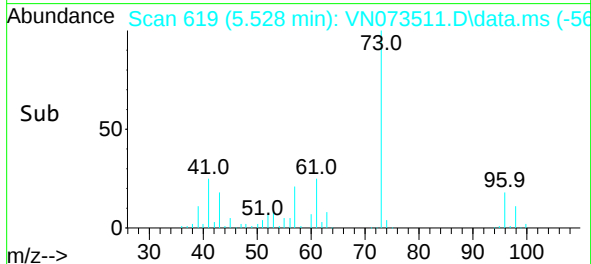
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 466574
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

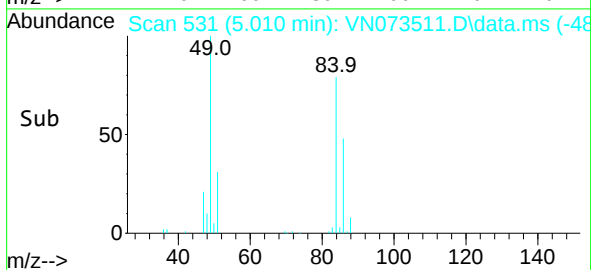
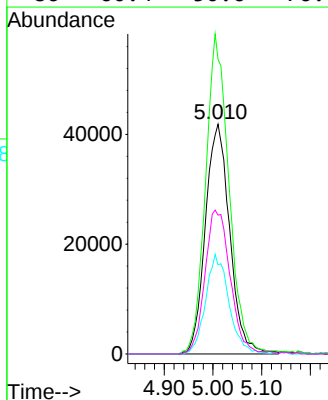
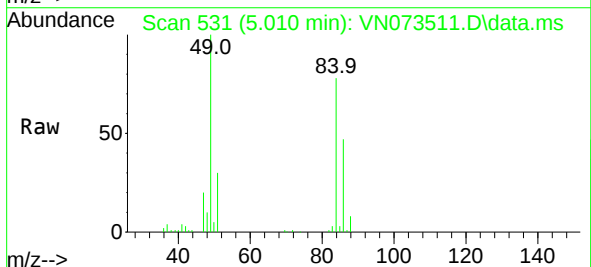
Manual Integrations
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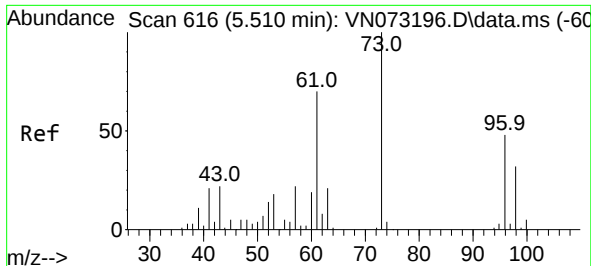
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#20
Methylene Chloride
Concen: 52.177 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

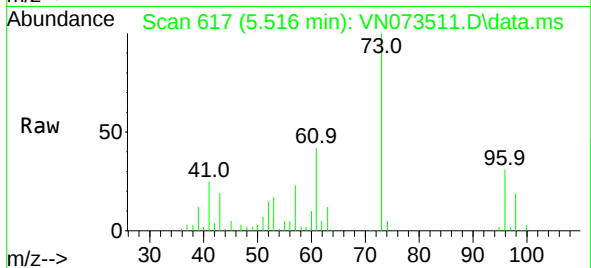
Tgt Ion: 84 Resp: 145456
Ion Ratio Lower Upper
84 100
49 128.2 88.3 132.5
51 38.8 28.2 42.2
86 60.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.055 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

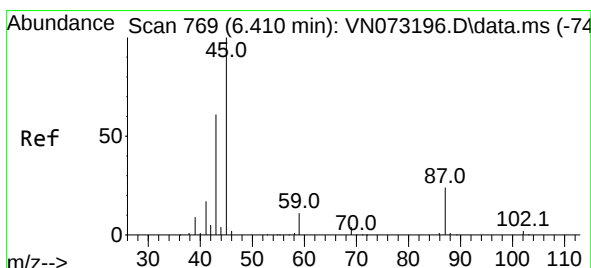
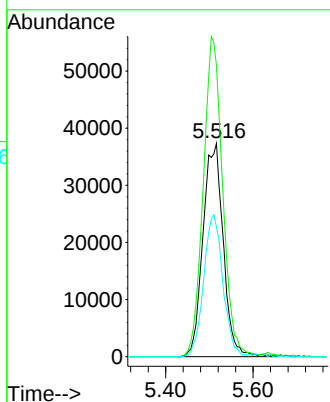
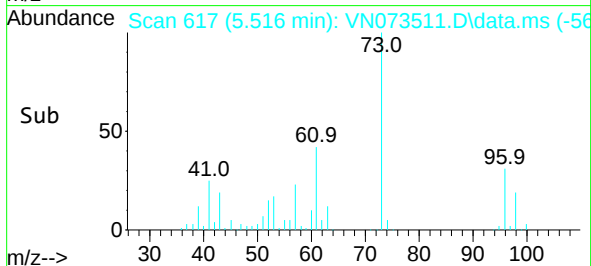
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 120529
Ion Ratio Lower Upper
96 100
61 136.5 105.8 158.8
98 60.8 50.3 75.5

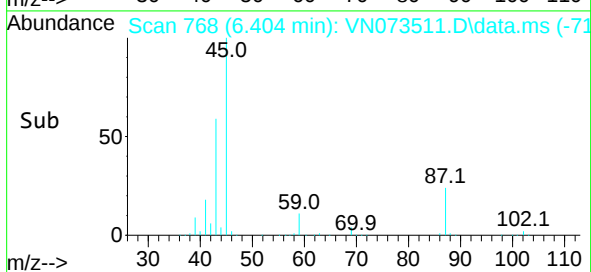
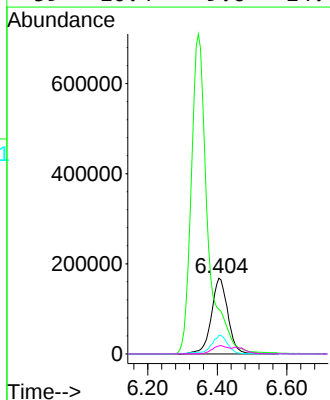
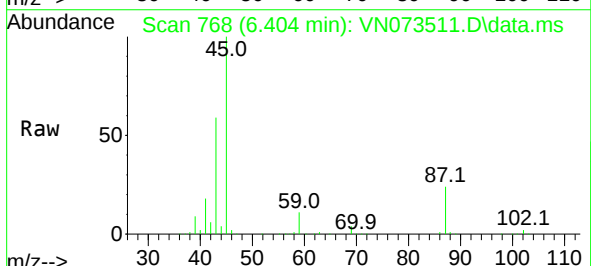
Manual Integrations
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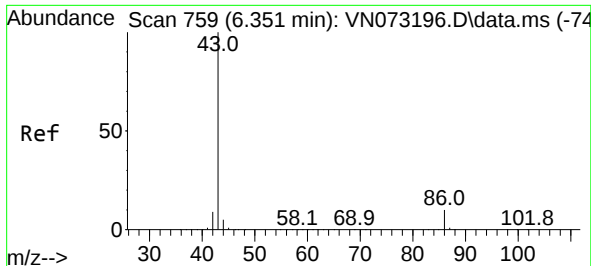
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#22
Diisopropyl ether
Concen: 61.388 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion: 45 Resp: 556110
Ion Ratio Lower Upper
45 100
43 58.1 46.6 70.0
87 24.3 24.3 36.5#
59 10.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 287.807 ug/l
 RT: 6.346 min Scan# 758
 Delta R.T. -0.005 min
 Lab File: VN073511.D
 Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

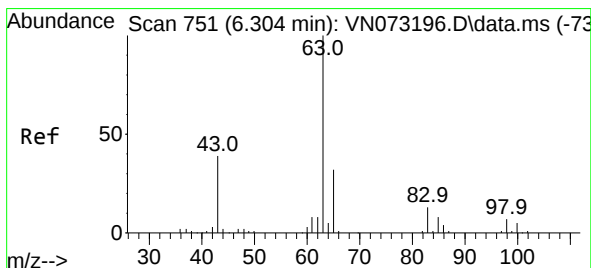
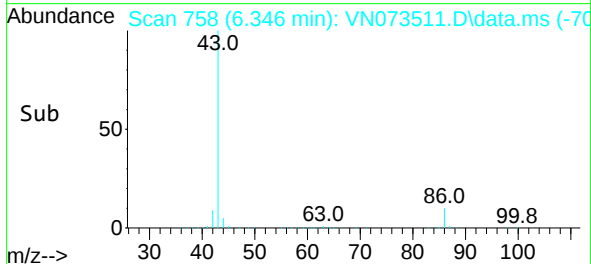
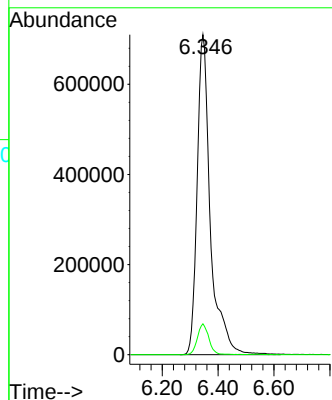
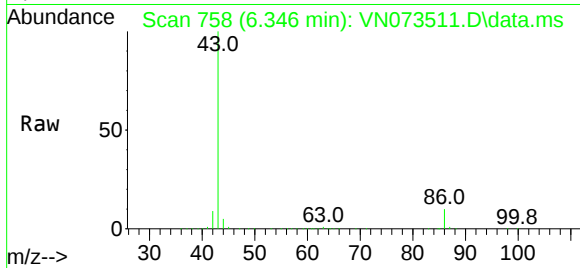
ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 233431
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.0 15.0

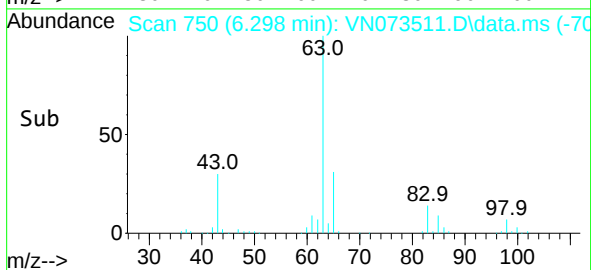
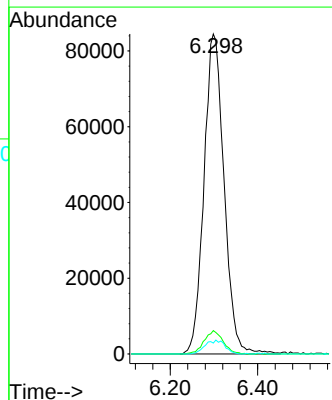
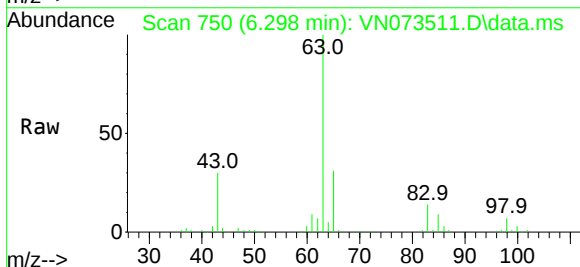
Manual Integrations
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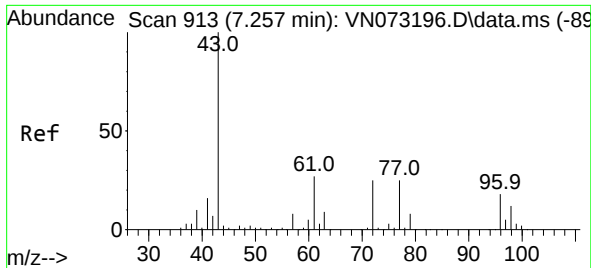
Reviewed By :John Carlone 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022



#24
 1,1-Dichloroethane
 Concen: 57.658 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073511.D
 Acq: 19 Jul 2022 11:27

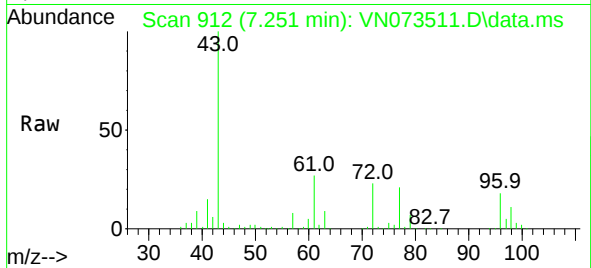
Tgt Ion: 63 Resp: 270299
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 3.4 2.3 6.8





#25
2-Butanone
Concen: 320.150 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

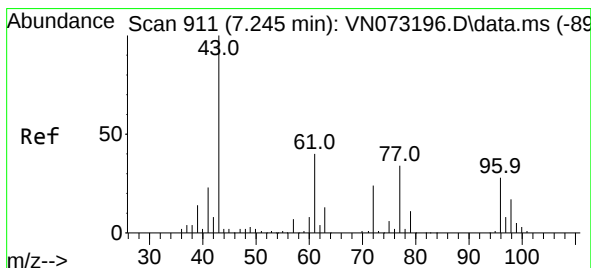
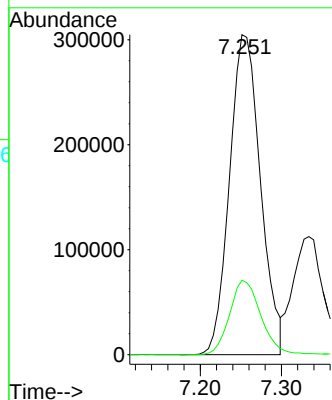
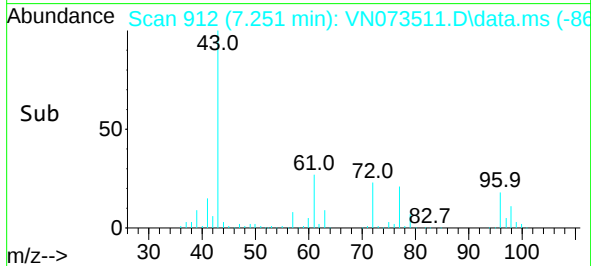
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 80854
Ion Ratio Lower Upper
43 100
72 23.2 23.7 35.5

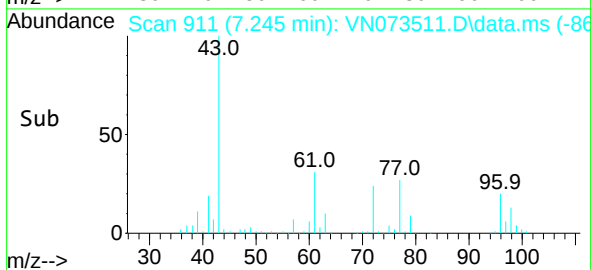
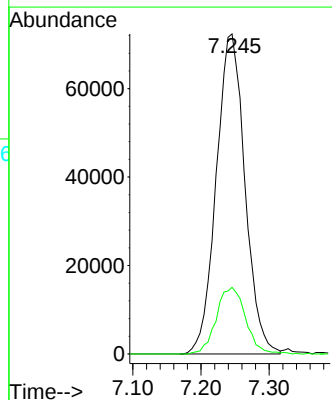
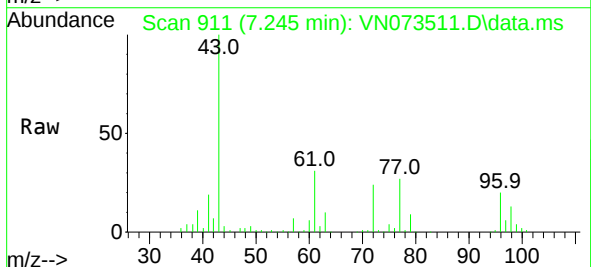
Manual Integrations
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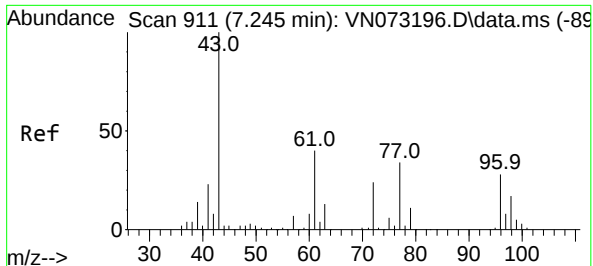
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#26
2,2-Dichloropropane
Concen: 48.880 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion: 77 Resp: 211932
Ion Ratio Lower Upper
77 100
97 21.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.407 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073511.D

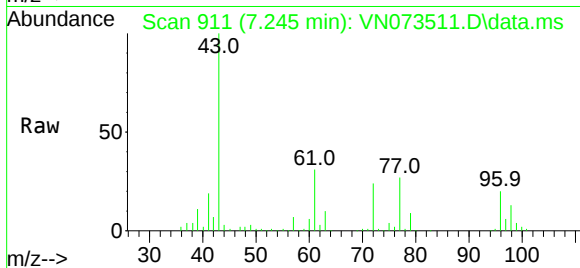
Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



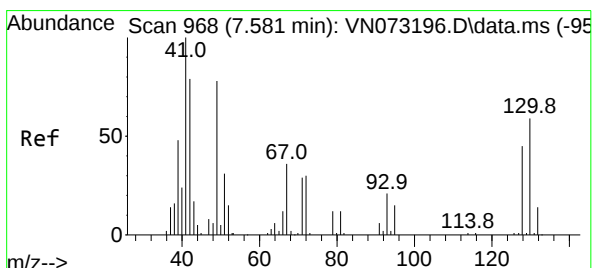
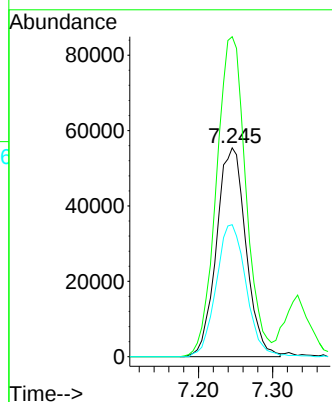
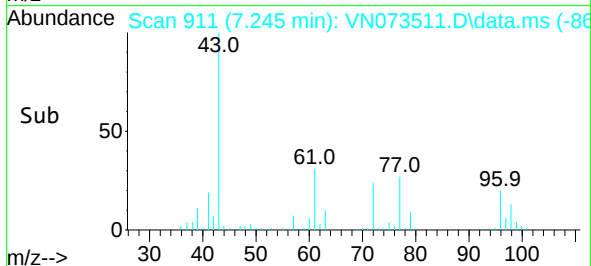
Tgt Ion:	96	Resp:	152810
Ion Ratio	Lower	Upper	
96	100		
61	153.7	0.0	280.6
98	64.5	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#28

Bromochloromethane

Concen: 61.244 ug/l

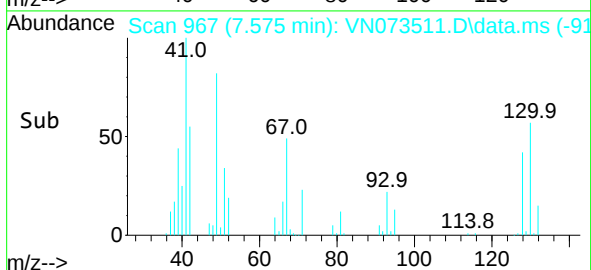
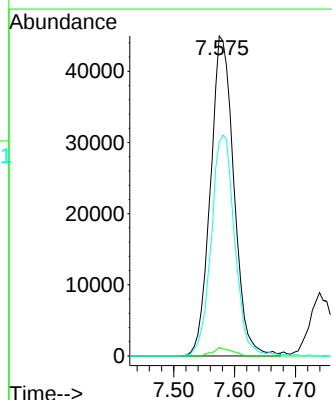
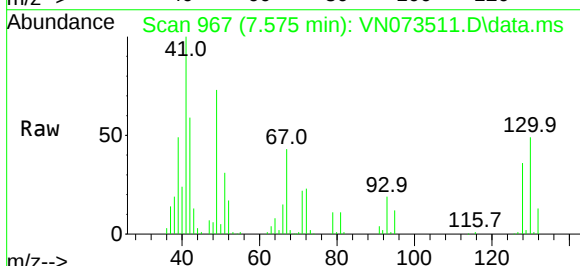
RT: 7.575 min Scan# 967

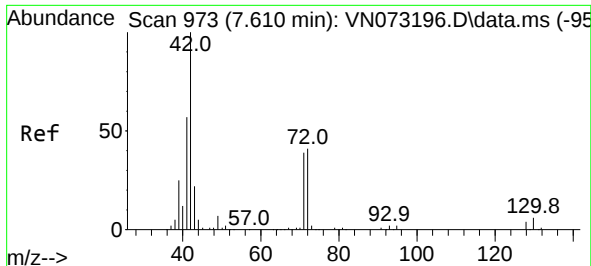
Delta R.T. -0.006 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Tgt Ion:	49	Resp:	120243
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.6
130	69.2	69.7	104.5





#29

Tetrahydrofuran

Concen: 307.673 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

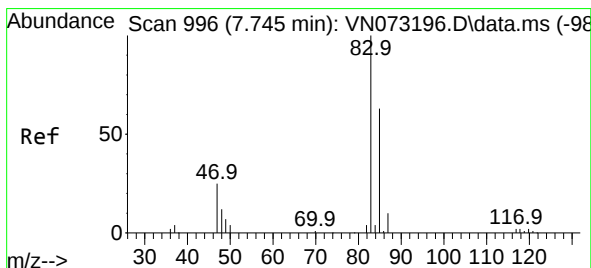
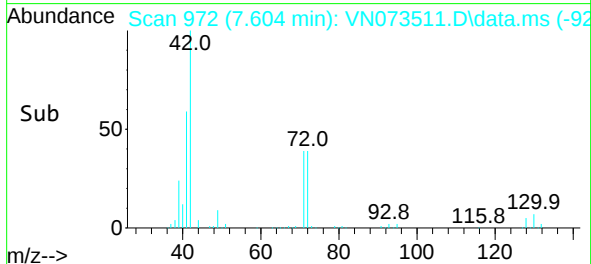
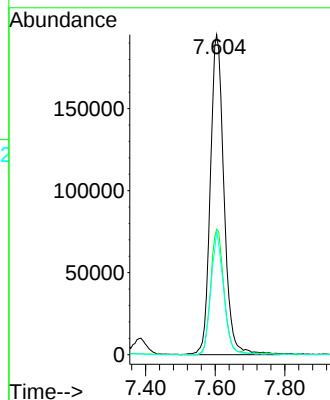
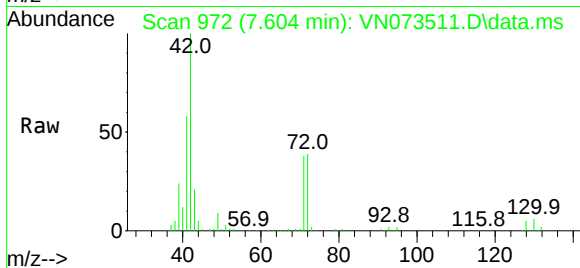
Tgt Ion: 42 Resp: 532054
 Ion Ratio Lower Upper
 42 100
 72 38.2 39.7 59.5
 71 35.5 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#30

Chloroform

Concen: 57.258 ug/l

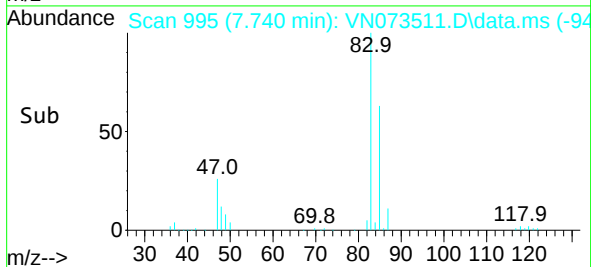
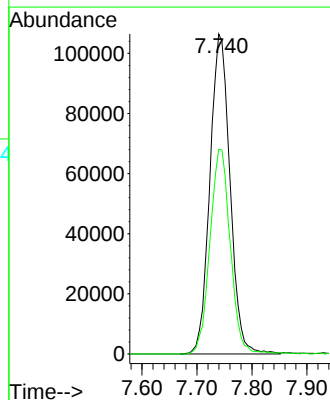
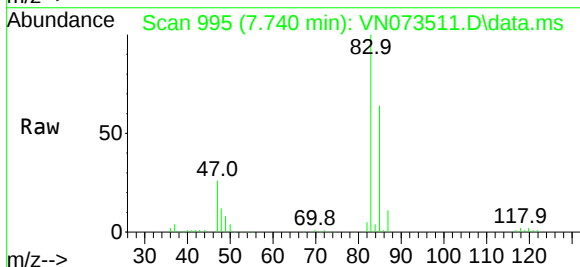
RT: 7.740 min Scan# 995

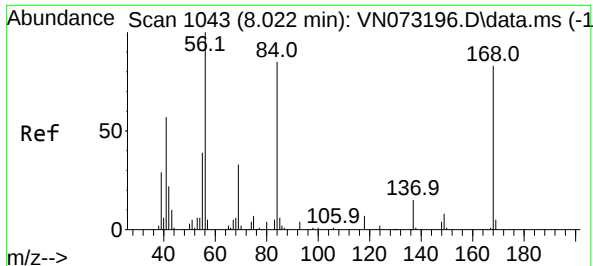
Delta R.T. -0.005 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

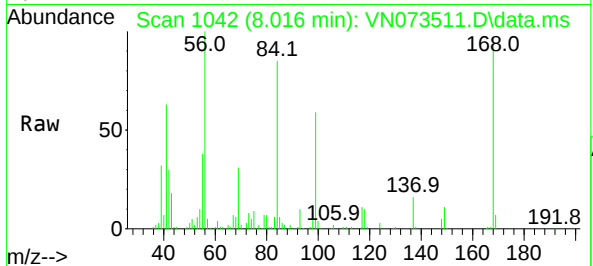
Tgt Ion: 83 Resp: 270354
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.8 77.8





#31
Cyclohexane
Concen: 47.473 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

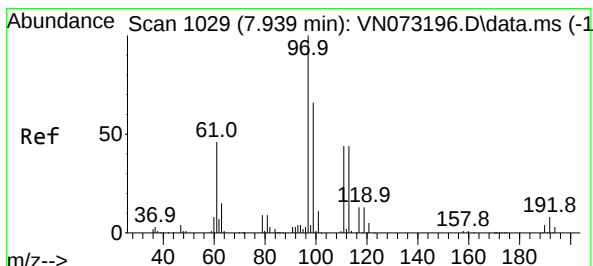
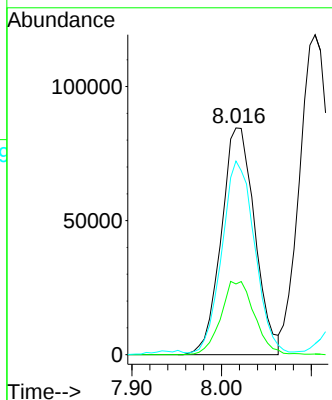
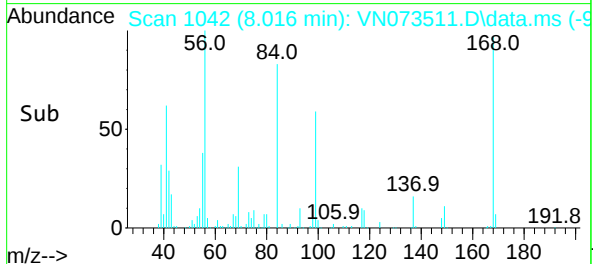
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



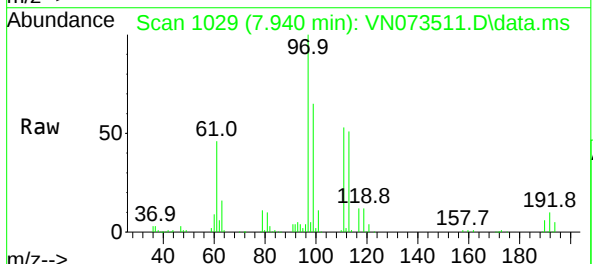
Tgt Ion: 56 Resp: 219718
Ion Ratio Lower Upper
56 100
69 30.7 27.8 41.8
84 83.5 76.9 115.3

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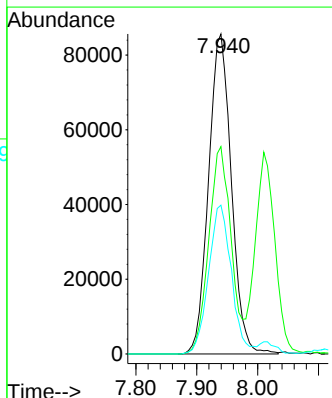
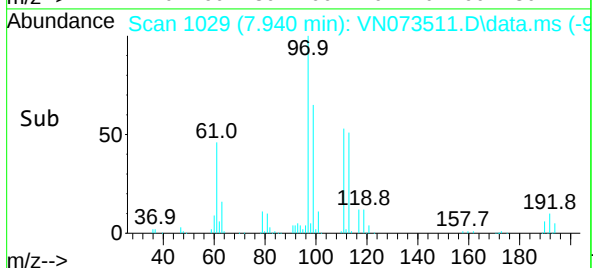
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

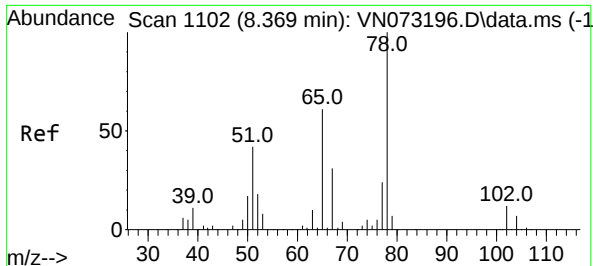


#32
1,1,1-Trichloroethane
Concen: 52.967 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.001 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27



Tgt Ion: 97 Resp: 222874
Ion Ratio Lower Upper
97 100
99 62.9 50.6 76.0
61 46.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.008 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14980

Ion Ratio Lower Upper

65 100

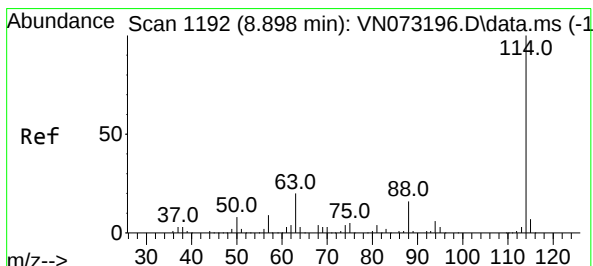
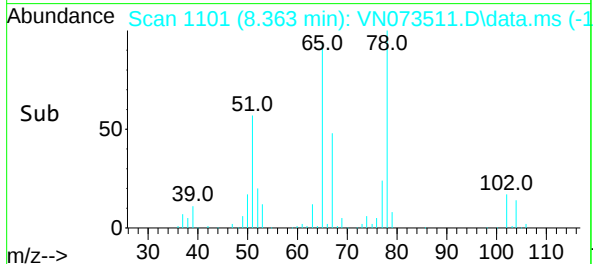
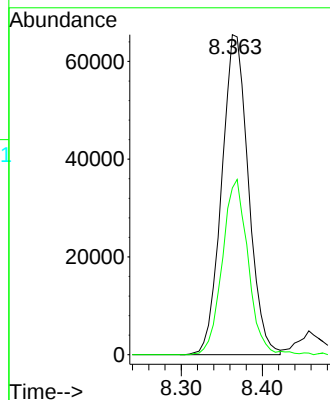
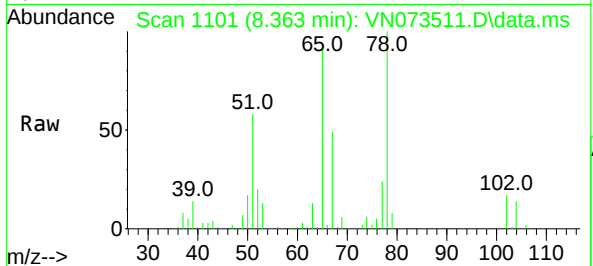
67 52.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

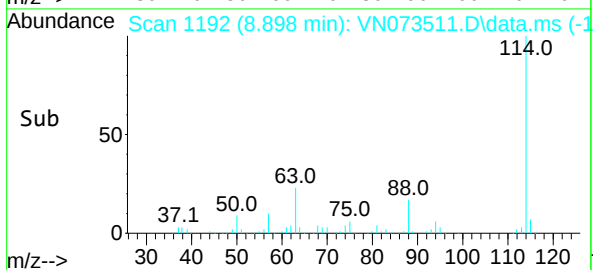
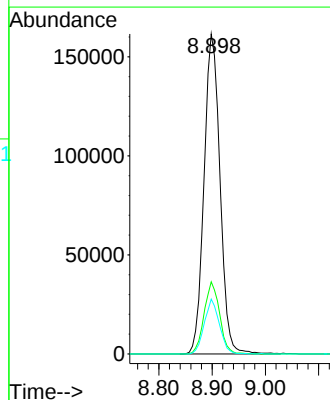
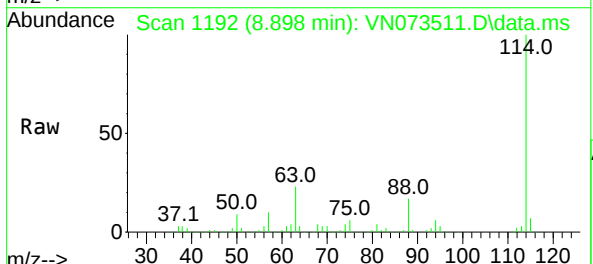
Tgt Ion:114 Resp: 336871

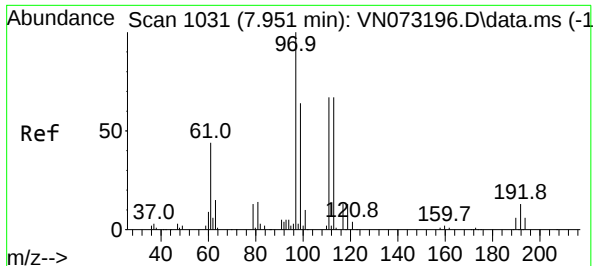
Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.002 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

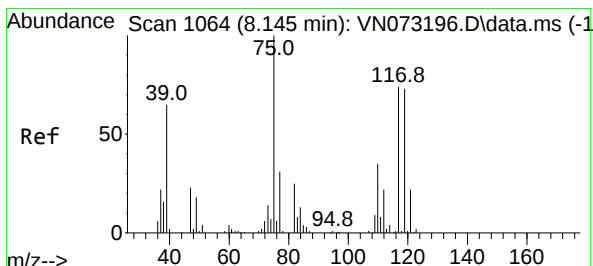
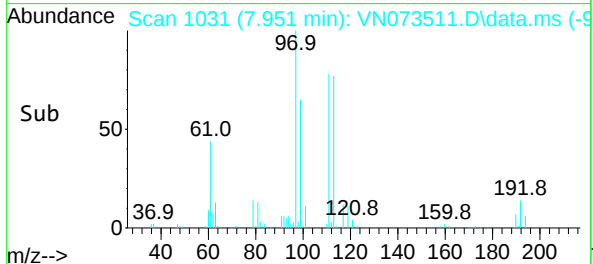
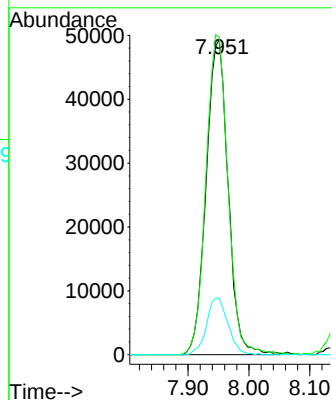
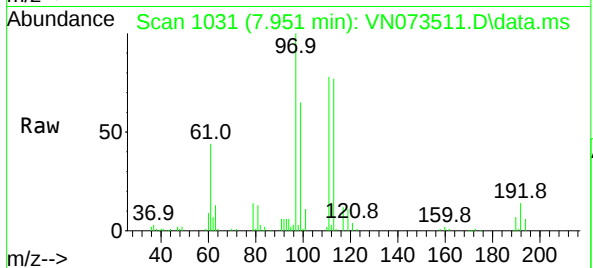
Tgt Ion:	113	Resp:	12327
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.0
192	17.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#36

1,1-Dichloropropene

Concen: 53.270 ug/l

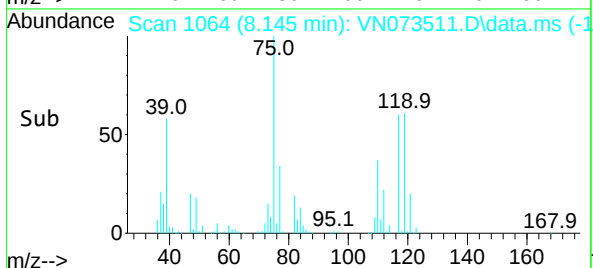
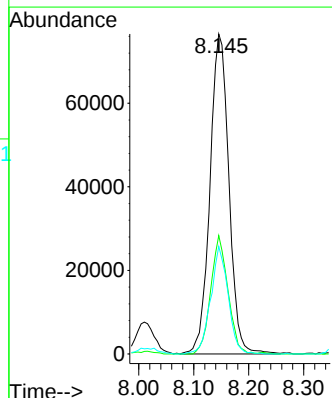
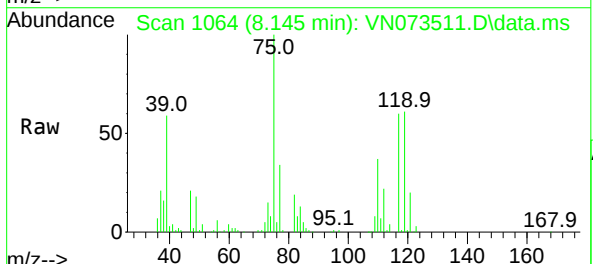
RT: 8.145 min Scan# 1064

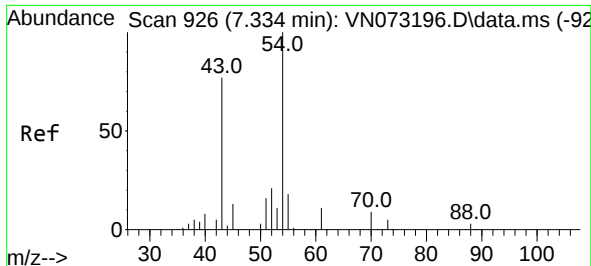
Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

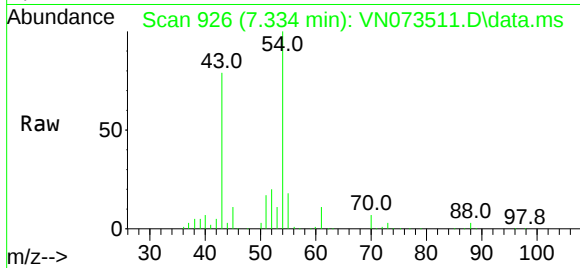
Tgt Ion:	75	Resp:	183706
Ion Ratio	Lower	Upper	
75	100		
110	33.7	18.3	54.8
77	30.9	25.1	37.7





#37
Ethyl Acetate
Concen: 58.578 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

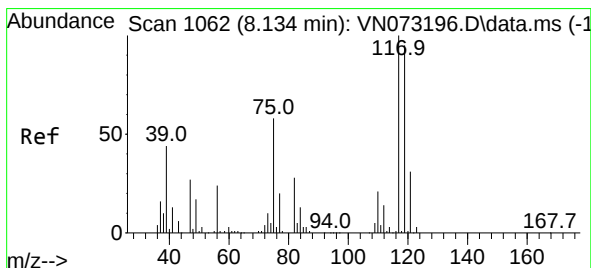
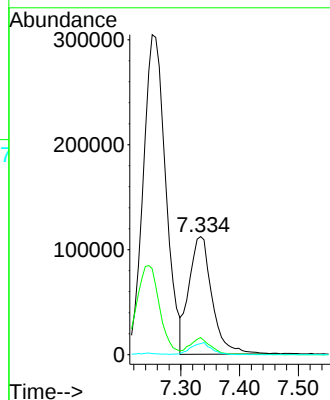
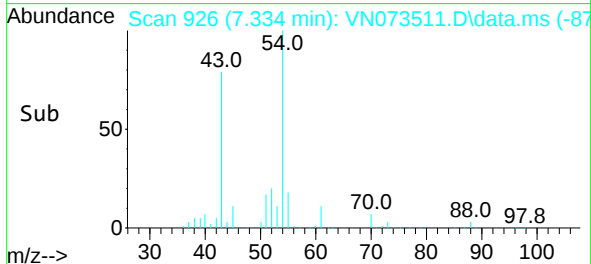
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 305239
Ion Ratio Lower Upper
43 100
61 12.7 11.8 17.6
70 9.1 9.3 13.9

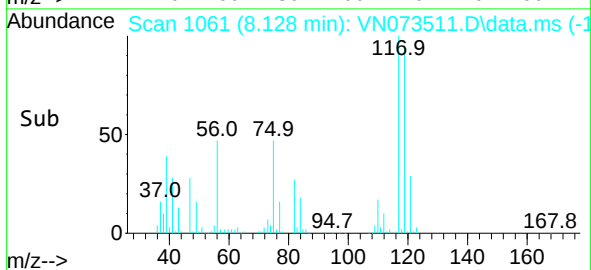
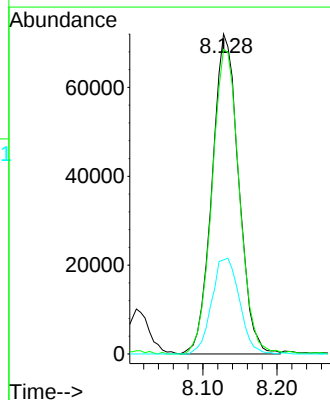
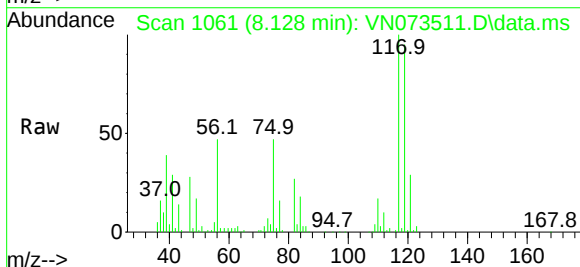
Manual Integrations
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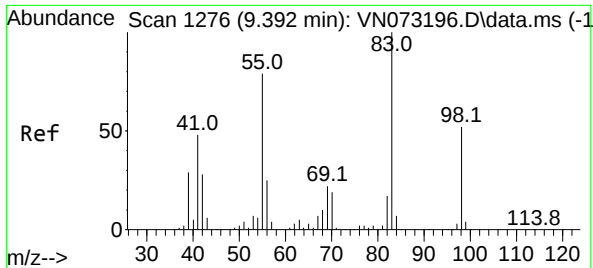
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#38
Carbon Tetrachloride
Concen: 50.312 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion:117 Resp: 179429
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
121 29.4 24.6 37.0





#39

Methylcyclohexane

Concen: 49.361 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 211930

Ion Ratio Lower Upper

83 100

55 85.5 57.8 86.8

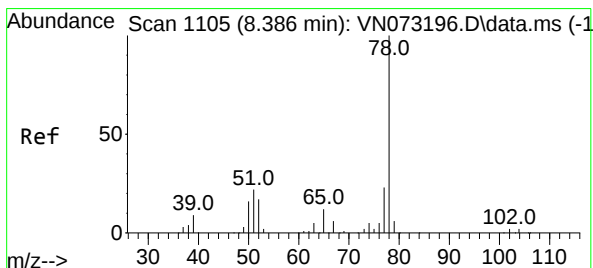
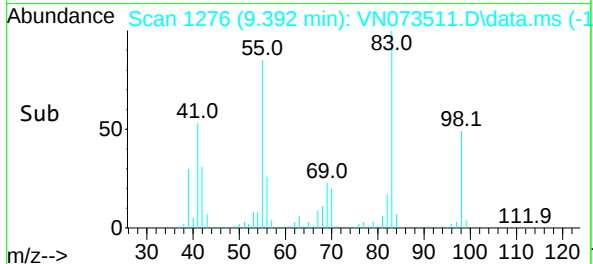
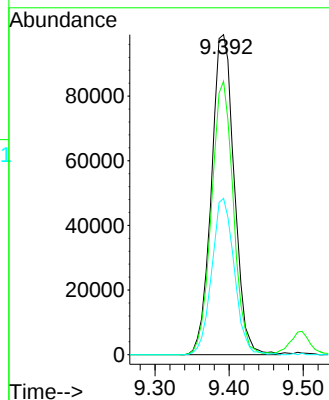
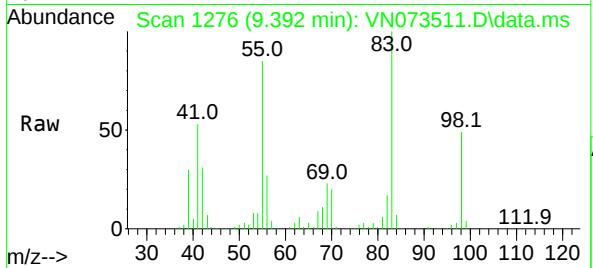
98 48.8 39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#40

Benzene

Concen: 54.366 ug/l

RT: 8.387 min Scan# 1105

Delta R.T. 0.001 min

Lab File: VN073511.D

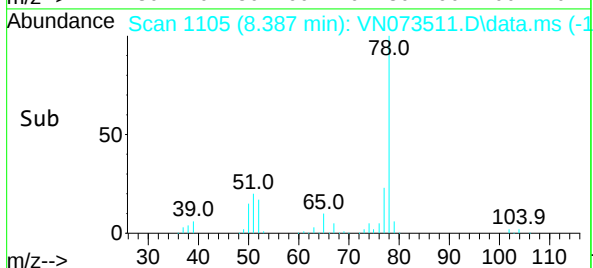
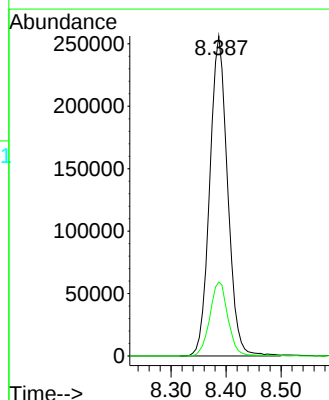
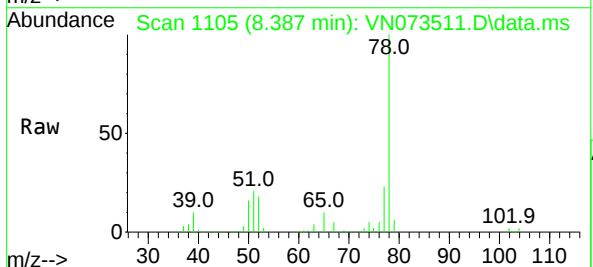
Acq: 19 Jul 2022 11:27

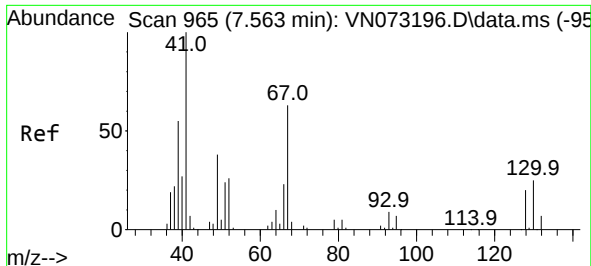
Tgt Ion: 78 Resp: 578616

Ion Ratio Lower Upper

78 100

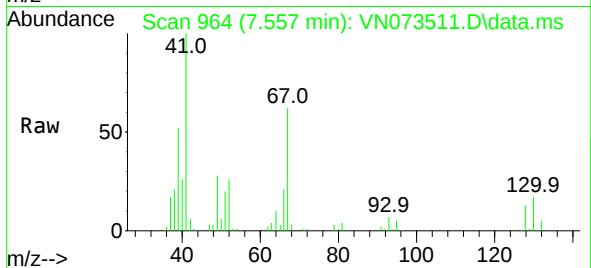
77 23.1 19.4 29.0





#41
Methacrylonitrile
Concen: 62.507 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

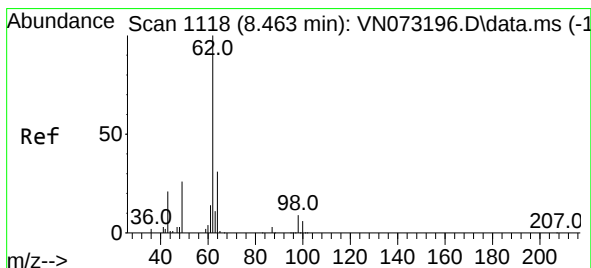
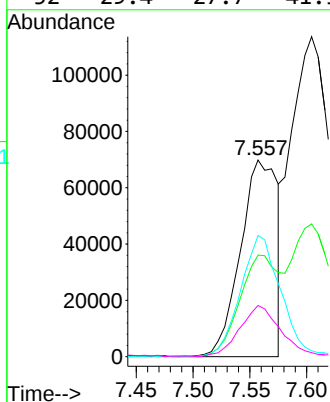
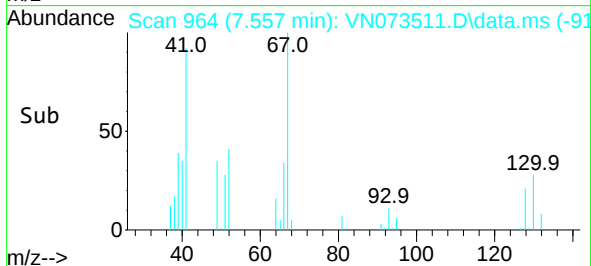
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



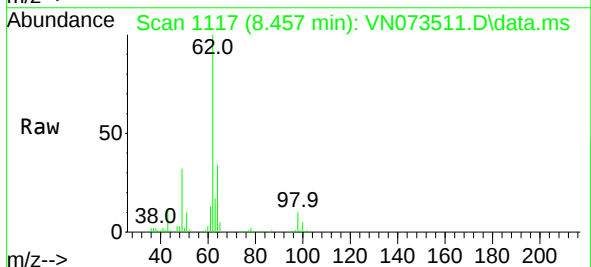
Tgt Ion: 41 Resp: 157964
Ion Ratio Lower Upper
41 100
39 58.5 48.6 73.0
67 67.9 73.4 110.2
52 29.4 27.7 41.5

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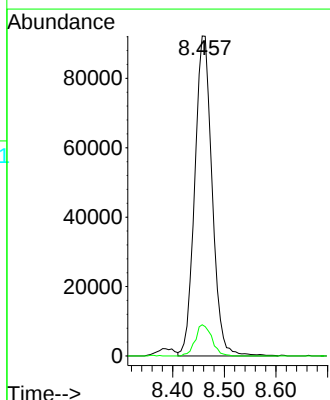
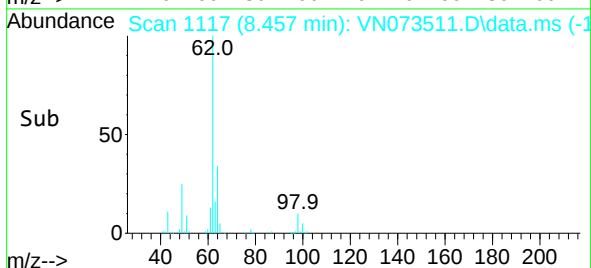
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

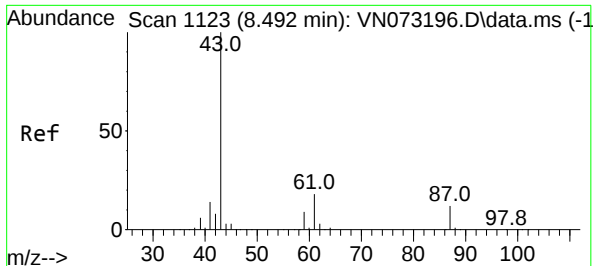


#42
1,2-Dichloroethane
Concen: 55.759 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27



Tgt Ion: 62 Resp: 215117
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.4





#43

Isopropyl Acetate

Concen: 58.556 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

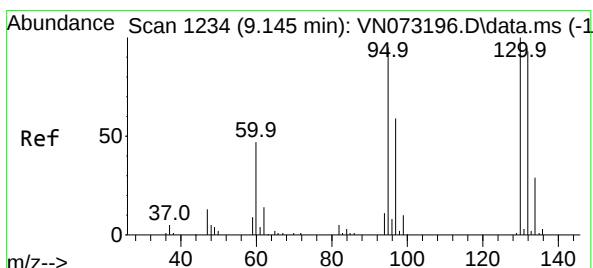
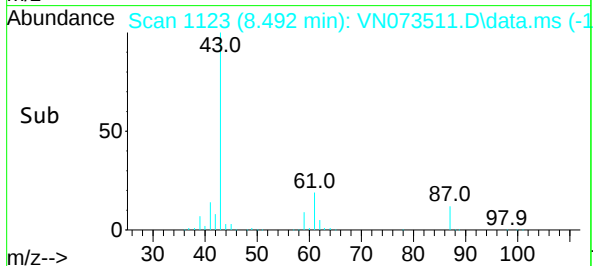
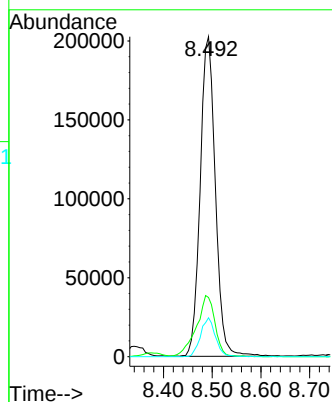
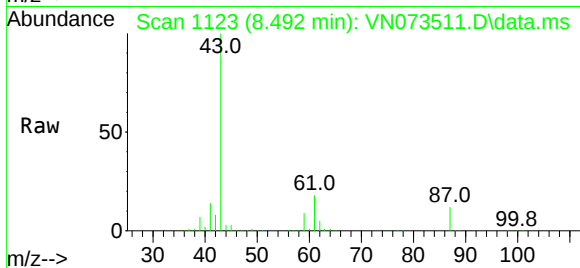
Tgt Ion: 43	Resp: 43851
Ion Ratio	Lower Upper
43 100	
61 23.5	21.9 32.9
87 11.9	12.0 18.0

Manual Integrations

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Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#44

Trichloroethene

Concen: 50.493 ug/l

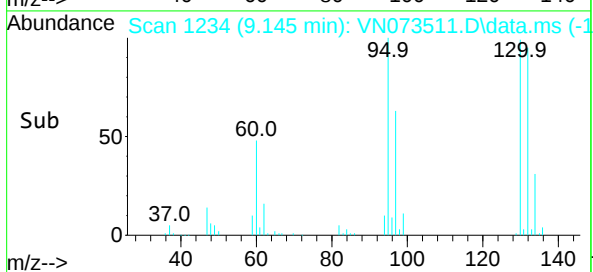
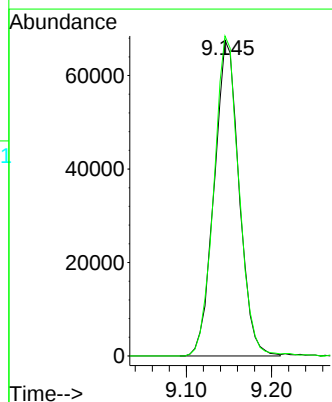
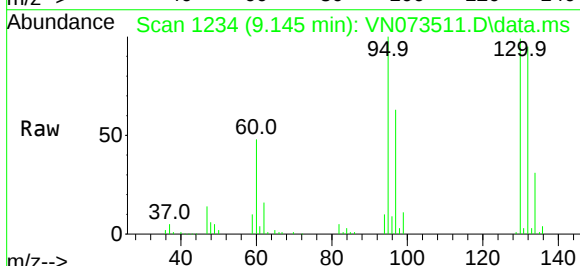
RT: 9.145 min Scan# 1234

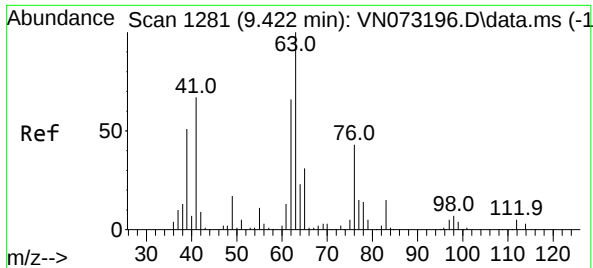
Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Tgt Ion:130	Resp: 136757
Ion Ratio	Lower Upper
130 100	
95 101.3	0.0 186.8





#45

1,2-Dichloropropane

Concen: 58.567 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 158874

Ion Ratio Lower Upper

63 100

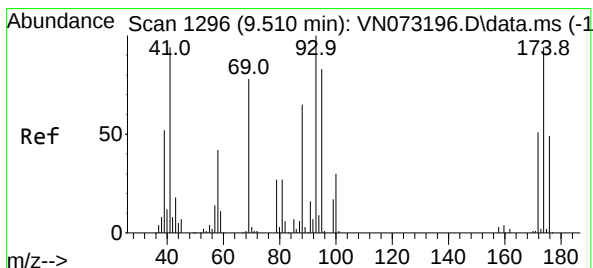
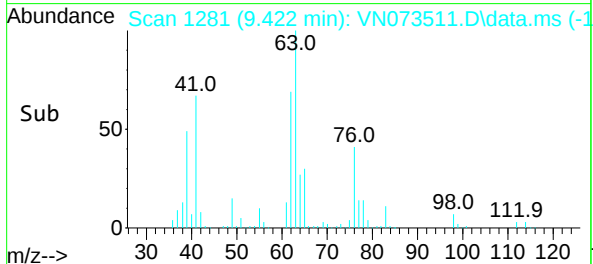
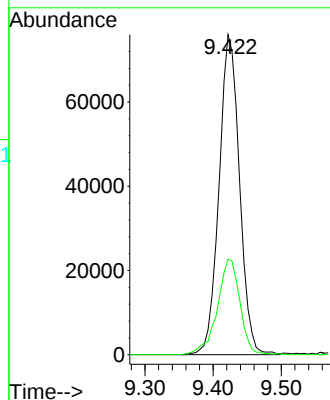
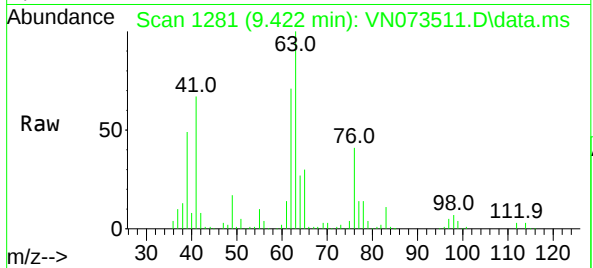
65 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#46

Dibromomethane

Concen: 54.527 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

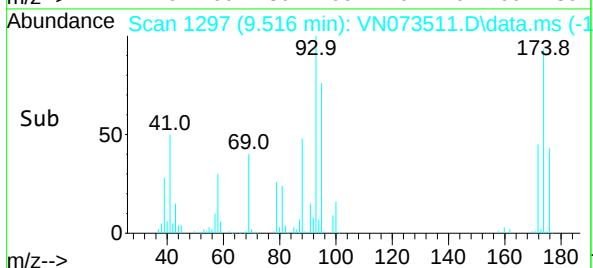
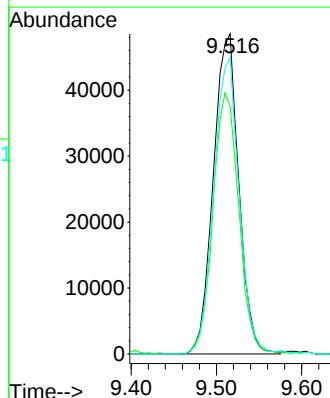
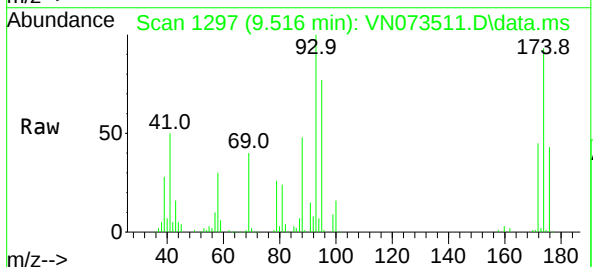
Tgt Ion: 93 Resp: 100433

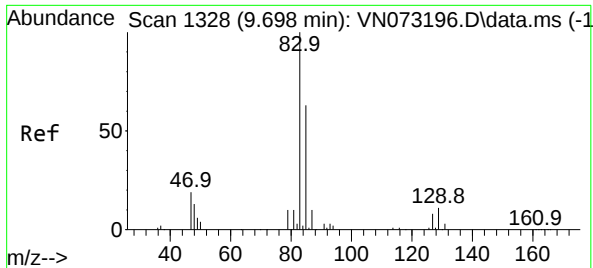
Ion Ratio Lower Upper

93 100

95 83.1 66.9 100.3

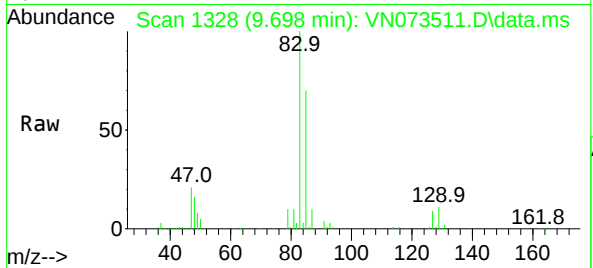
174 92.7 86.6 130.0





#47
Bromodichloromethane
Concen: 58.353 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

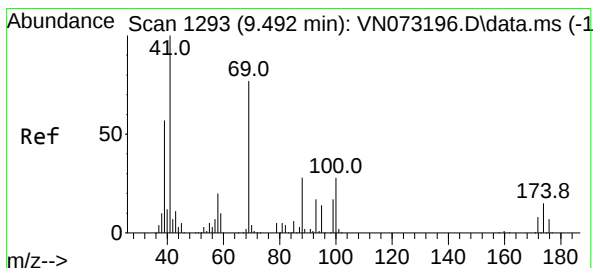
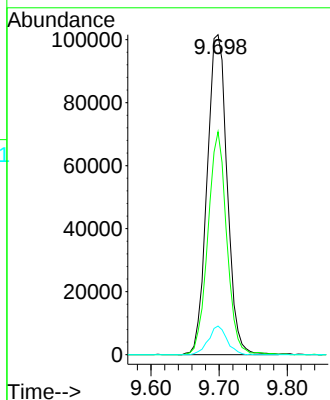
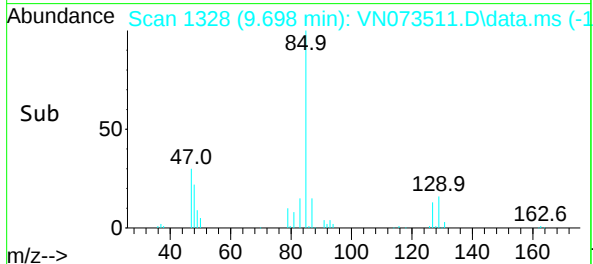
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 208168
Ion Ratio Lower Upper
83 100
85 69.6 50.5 75.7
127 9.0 6.8 10.2

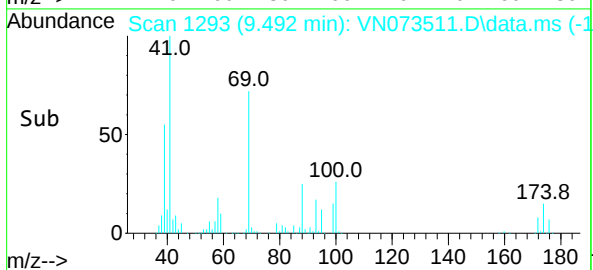
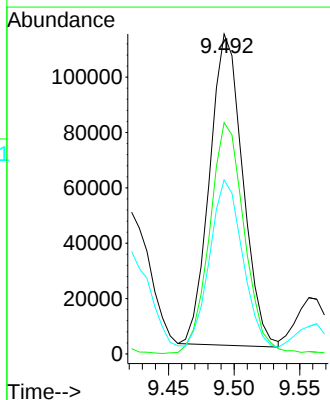
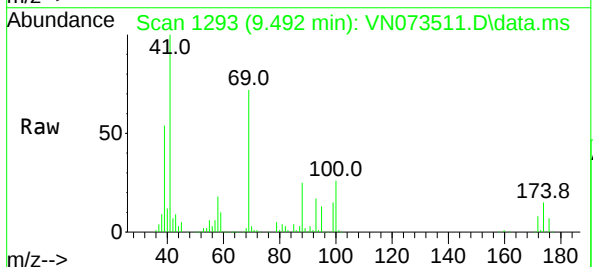
Manual Integrations
APPROVED

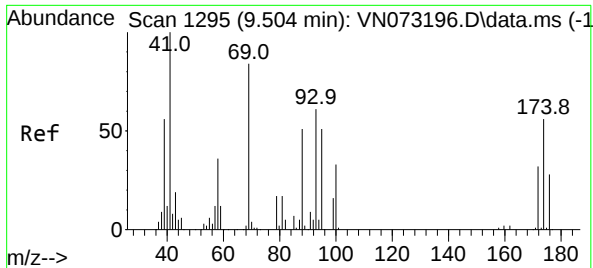
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#48
Methyl methacrylate
Concen: 56.919 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion: 41 Resp: 197360
Ion Ratio Lower Upper
41 100
69 77.8 74.7 112.1
39 57.6 45.6 68.4





#49

1,4-Dioxane

Concen: 1145.944 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 7543

Ion Ratio Lower Upper

88 100

43 33.3 20.2 30.4

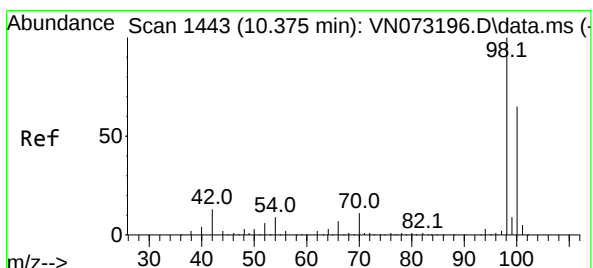
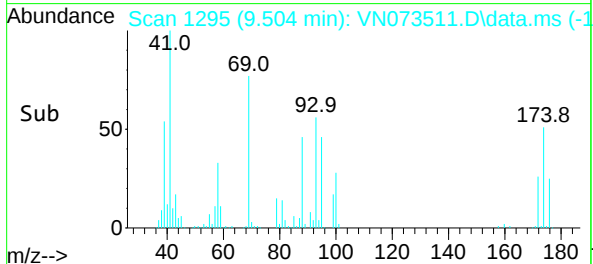
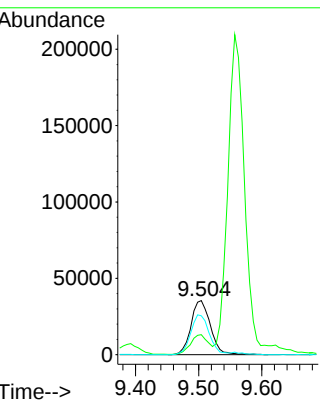
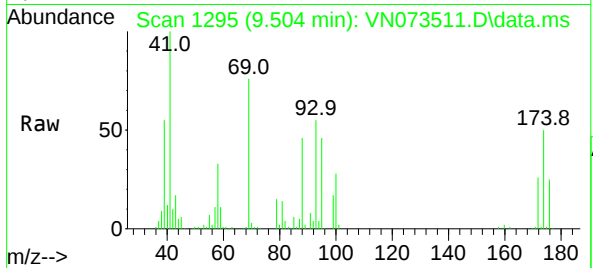
58 70.2 54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#50

Toluene-d8

Concen: 51.350 ug/l

RT: 10.375 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN073511.D

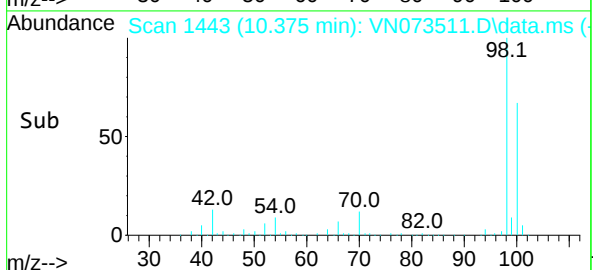
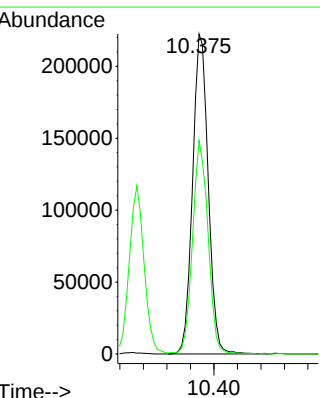
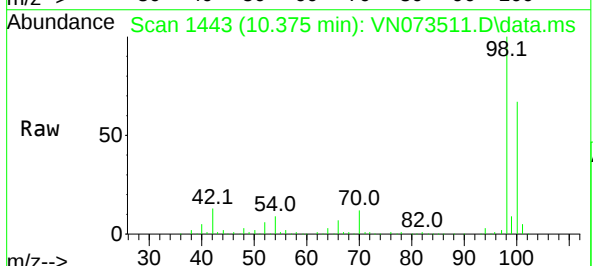
Acq: 19 Jul 2022 11:27

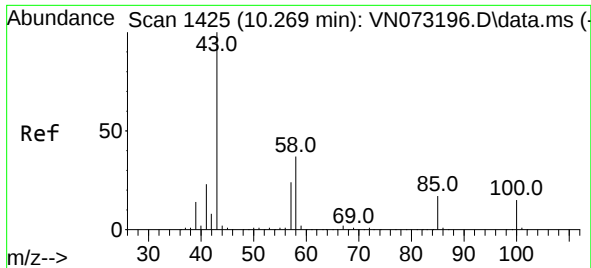
Tgt Ion: 98 Resp: 408751

Ion Ratio Lower Upper

98 100

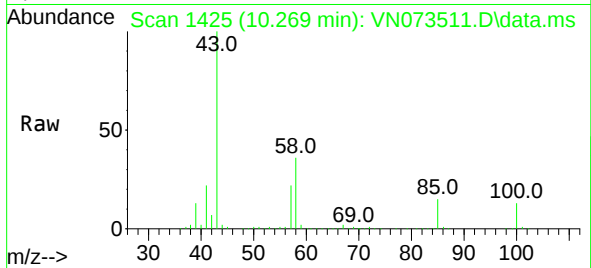
100 66.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 323.614 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

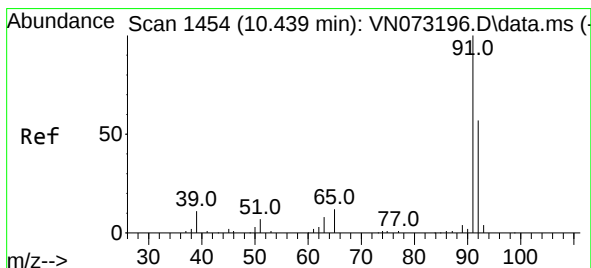
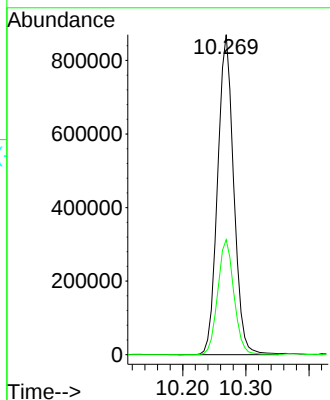
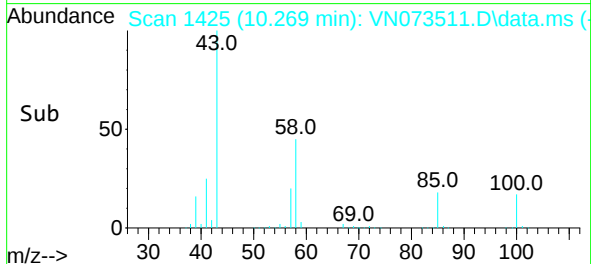
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



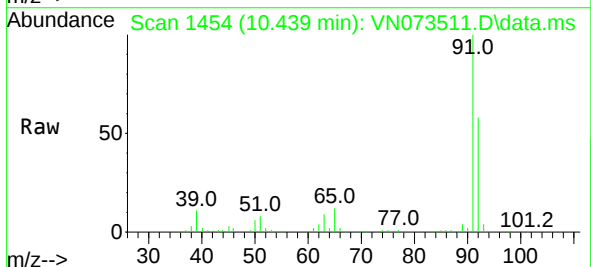
Tgt Ion: 43 Resp: 153686
Ion Ratio Lower Upper
43 100
58 36.2 34.1 51.1

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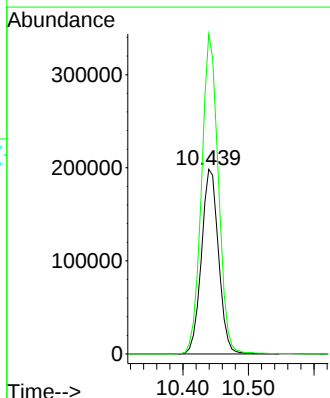
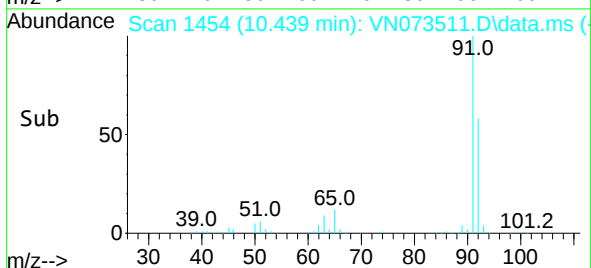
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

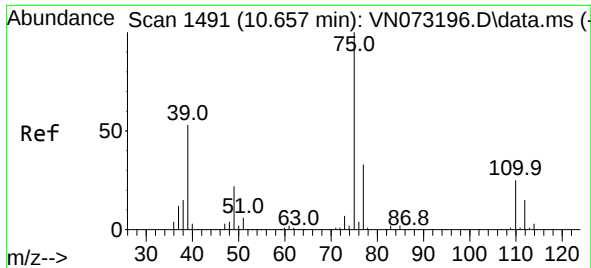


#52
Toluene
Concen: 54.734 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27



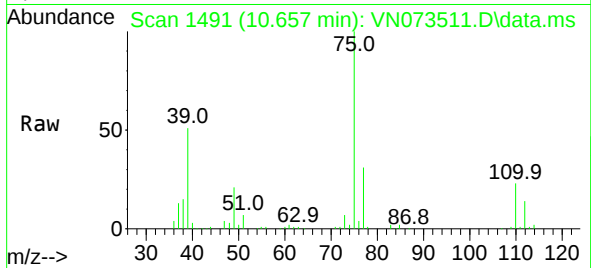
Tgt Ion: 92 Resp: 360005
Ion Ratio Lower Upper
92 100
91 170.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 55.555 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

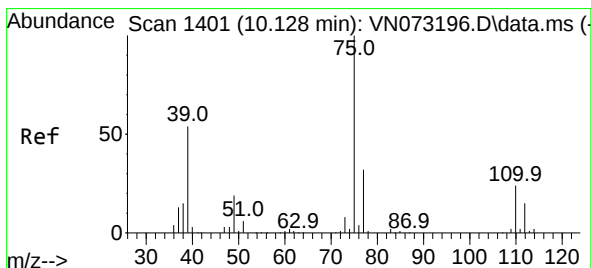
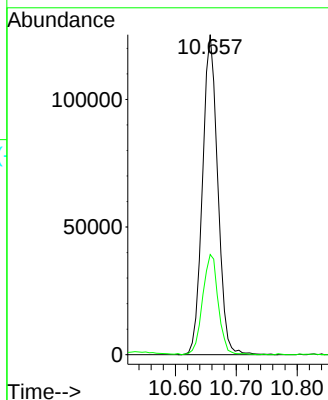
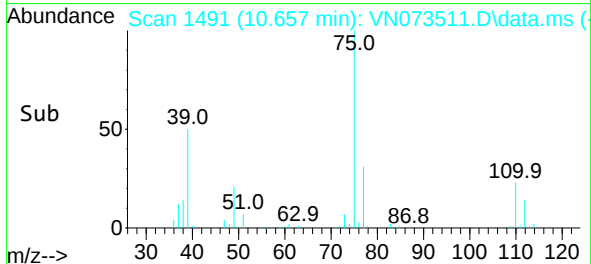
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 21817
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

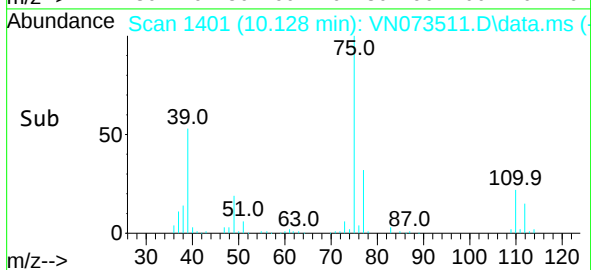
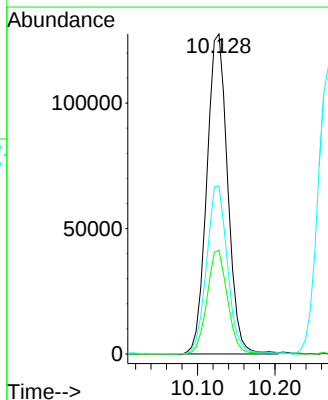
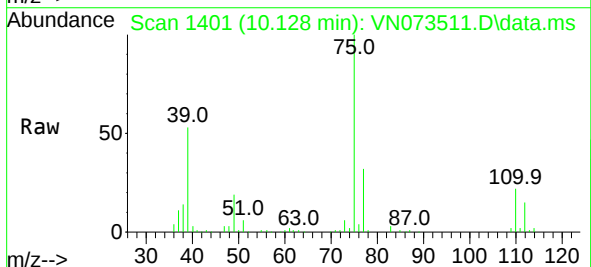
Manual Integrations
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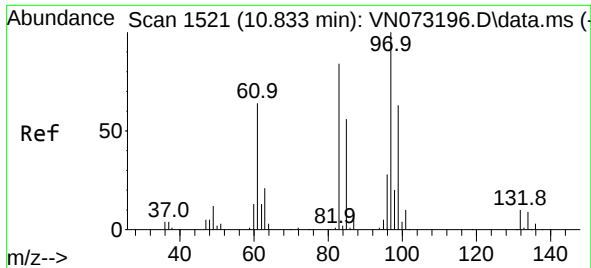
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#54
cis-1,3-Dichloropropene
Concen: 56.261 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

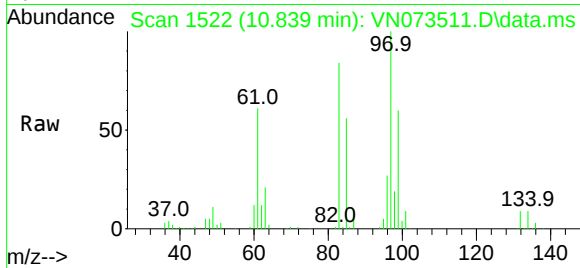
Tgt Ion: 75 Resp: 238532
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 52.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 56.792 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

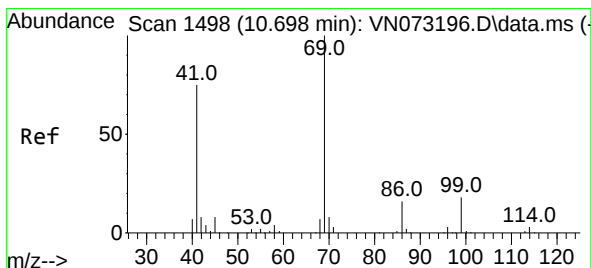
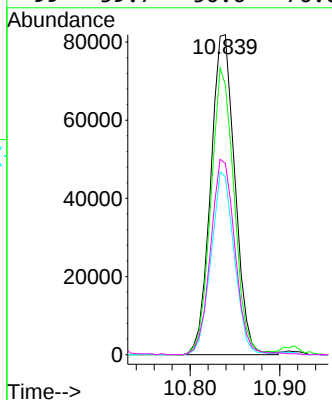
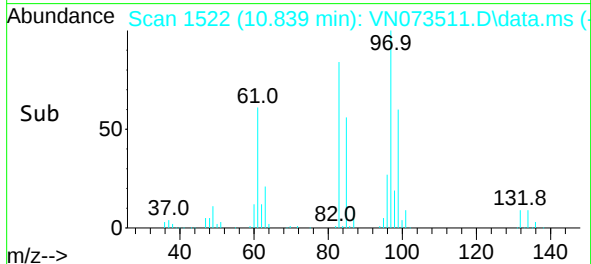
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 15378
Ion Ratio Lower Upper
97 100
83 84.3 66.2 99.4
85 55.5 43.9 65.9
99 59.7 50.6 76.0

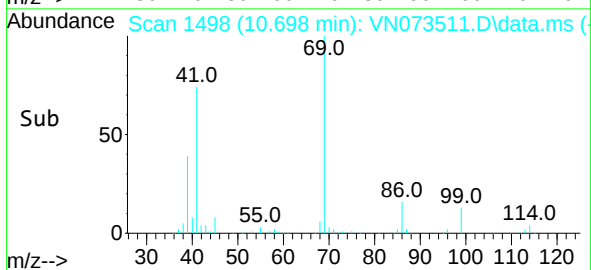
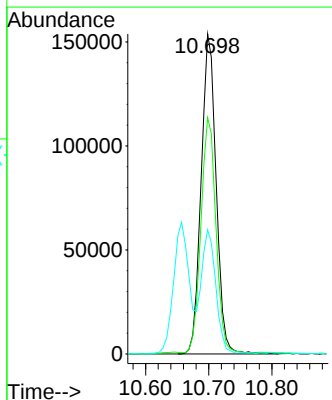
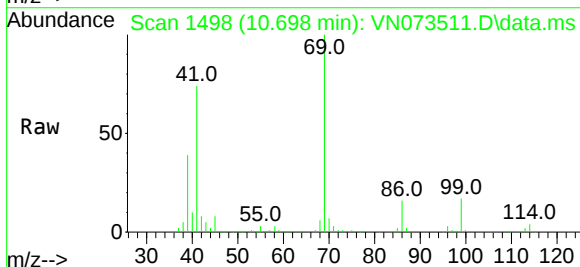
Manual Integrations
APPROVED

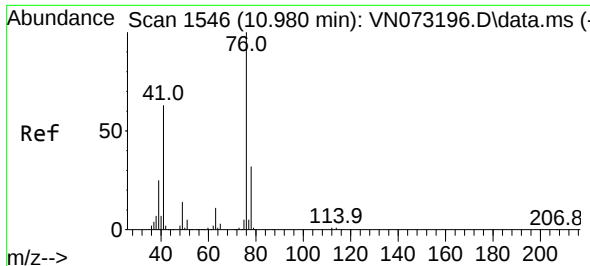
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#56
Ethyl methacrylate
Concen: 57.955 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion: 69 Resp: 253650
Ion Ratio Lower Upper
69 100
41 73.5 47.8 71.6#
39 37.1 27.3 40.9





#57

1,3-Dichloropropane

Concen: 57.194 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 265484

Ion Ratio Lower Upper

76 100

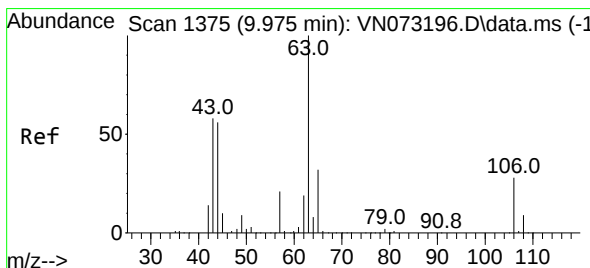
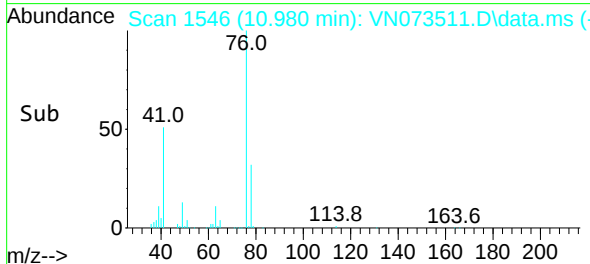
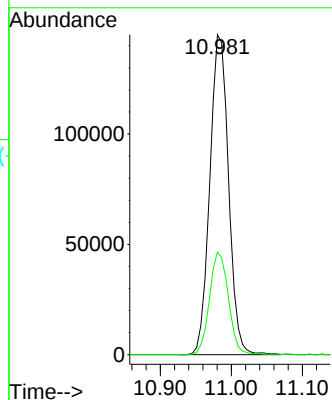
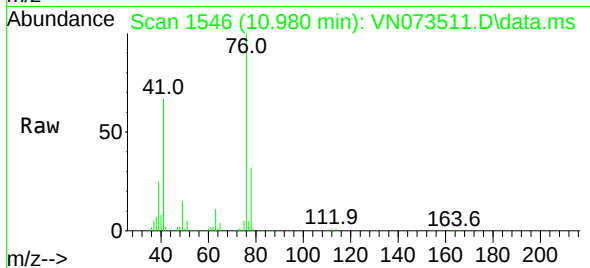
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 295.031 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VN073511.D

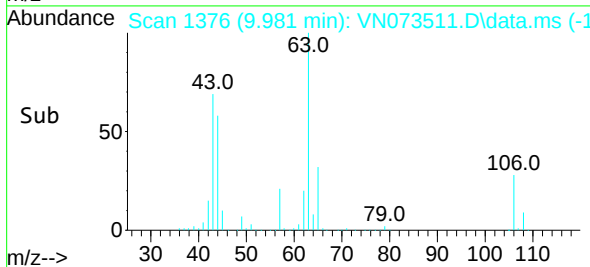
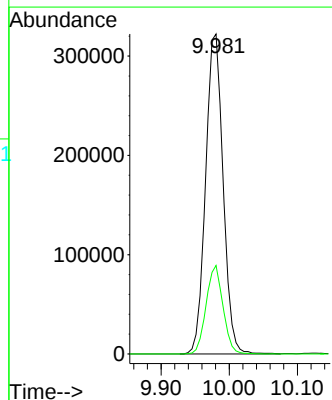
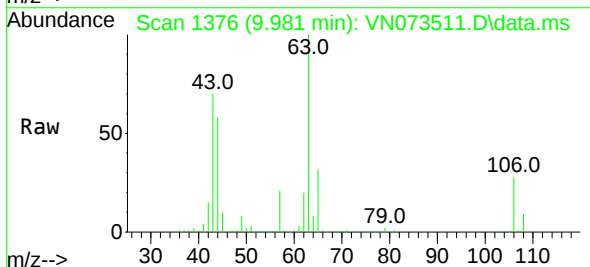
Acq: 19 Jul 2022 11:27

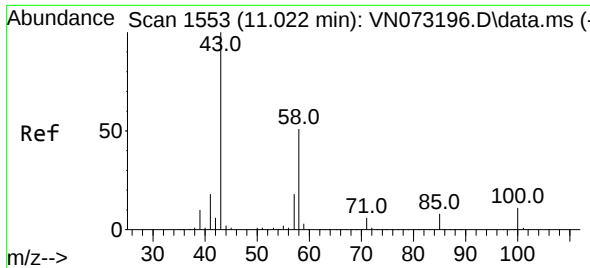
Tgt Ion: 63 Resp: 575872

Ion Ratio Lower Upper

63 100

106 26.6 24.6 36.8





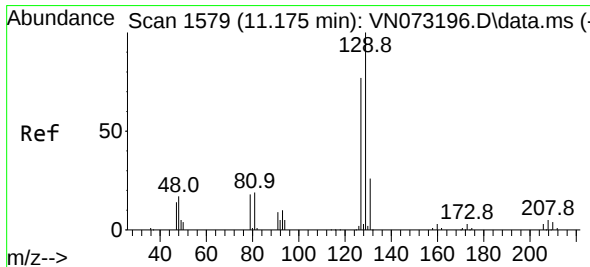
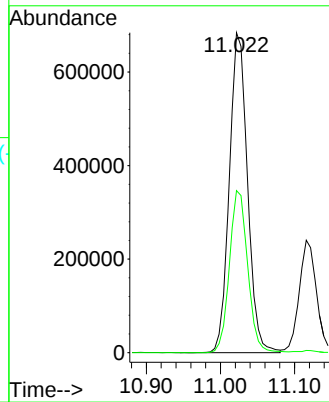
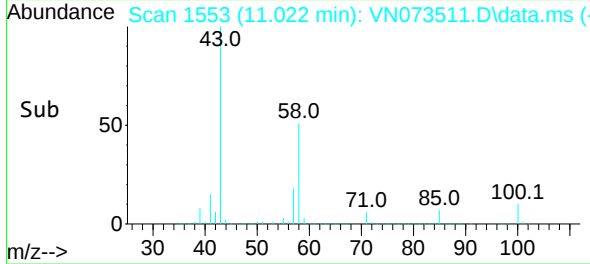
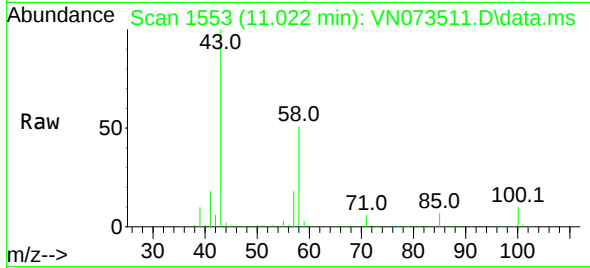
#59
2-Hexanone
Concen: 321.853 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1165120
Ion Ratio Lower Upper
43 100
58 50.9 29.7 89.1

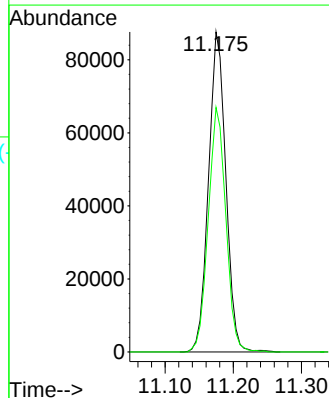
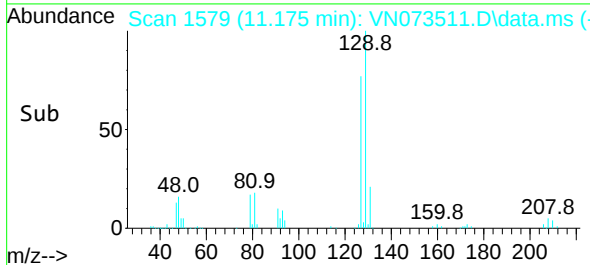
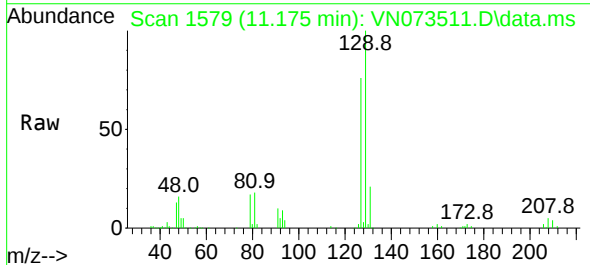
Manual Integrations
APPROVED

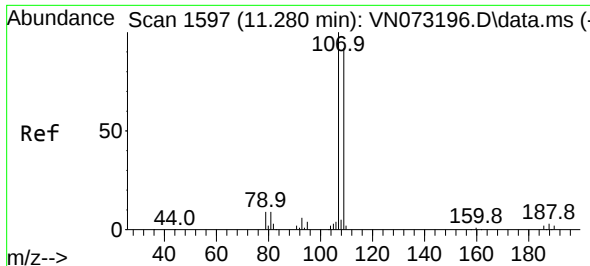
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#60
Dibromochloromethane
Concen: 59.965 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

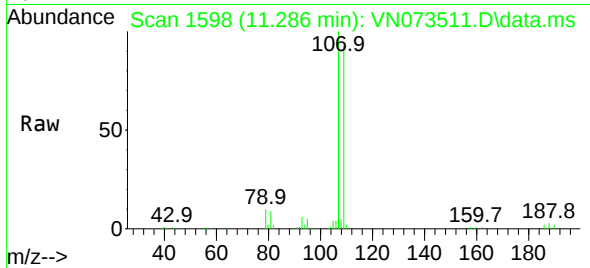
Tgt Ion:129 Resp: 154810
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.888 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

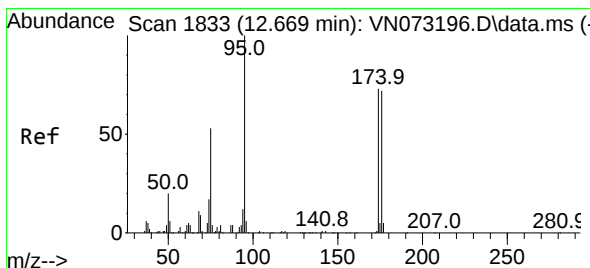
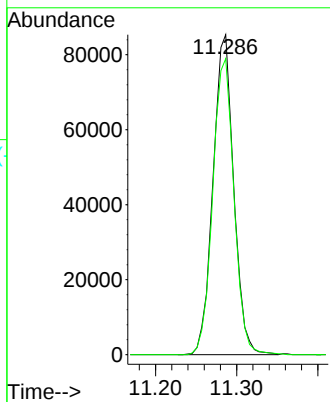
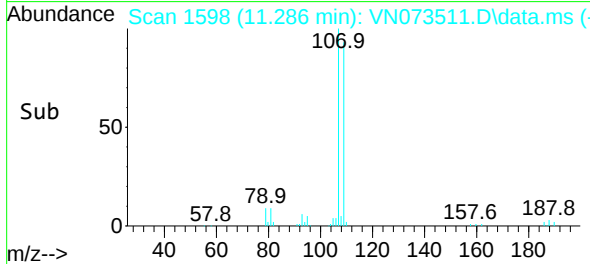
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 15115
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6

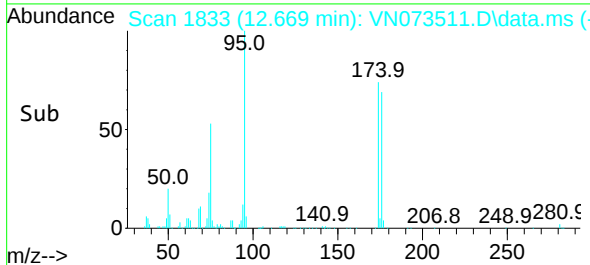
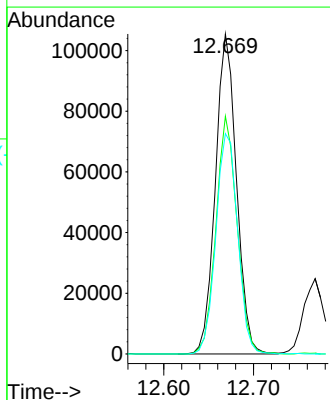
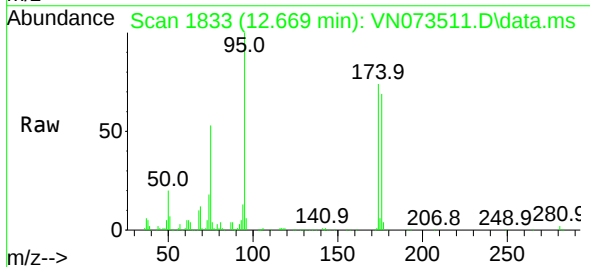
Manual Integrations
APPROVED

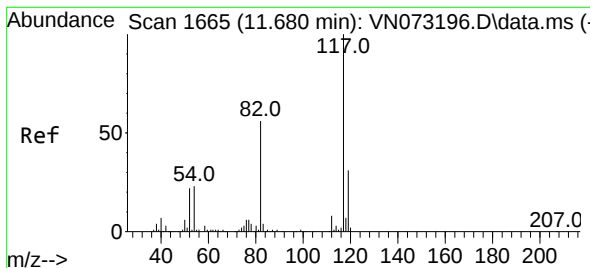
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#62
4-Bromofluorobenzene
Concen: 56.315 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion: 95 Resp: 172272
Ion Ratio Lower Upper
95 100
174 74.4 0.0 167.6
176 71.0 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 31105

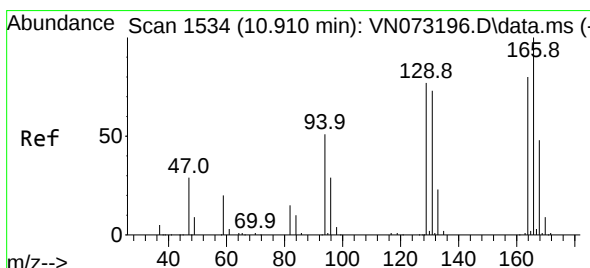
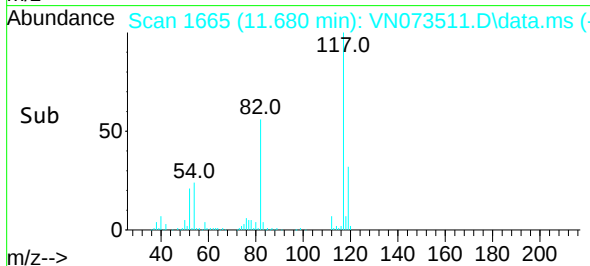
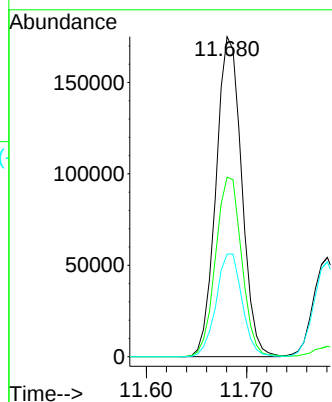
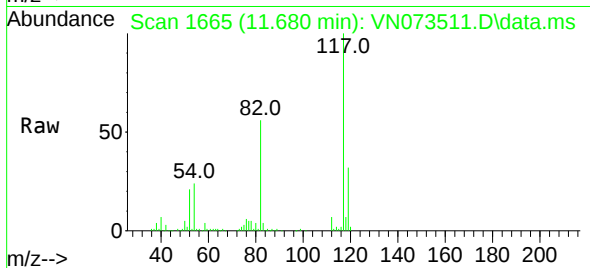
Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.2	66.2
119	32.1	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#64

Tetrachloroethene

Concen: 50.324 ug/l

RT: 10.916 min Scan# 1535

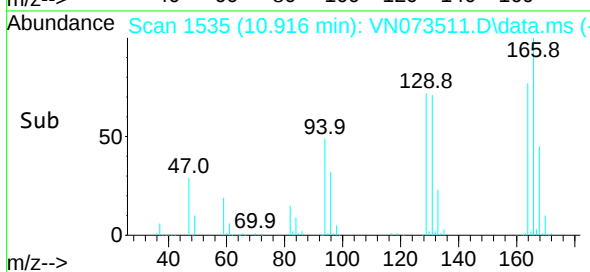
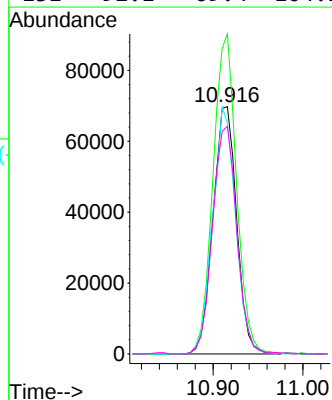
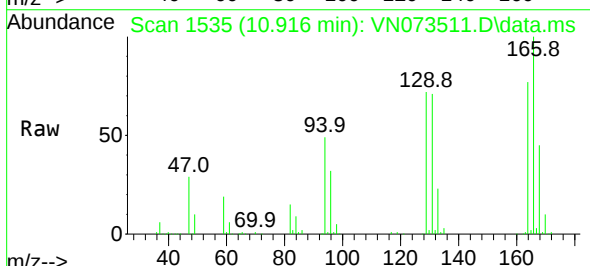
Delta R.T. 0.006 min

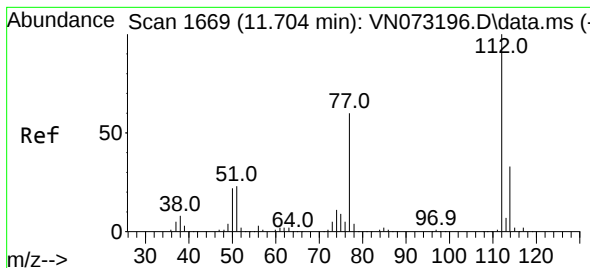
Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Tgt Ion:164 Resp: 127821

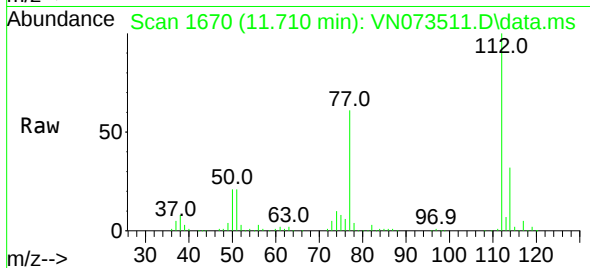
Ion	Ratio	Lower	Upper
164	100		
166	129.4	104.2	156.2
129	93.4	73.9	110.9
131	92.1	69.4	104.2





#65
Chlorobenzene
Concen: 52.386 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

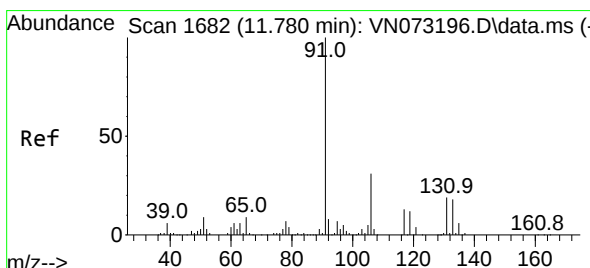
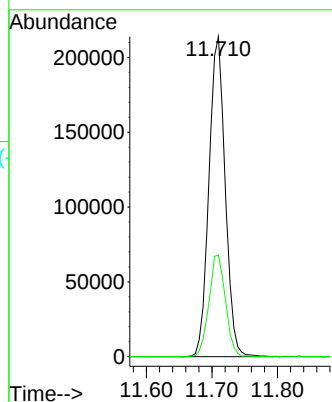
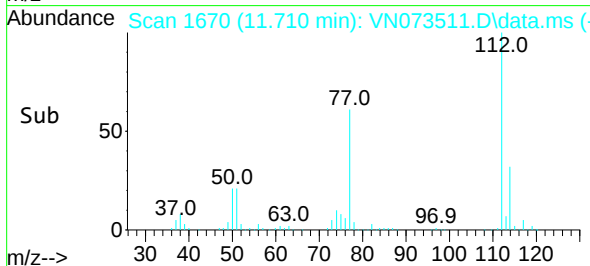
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



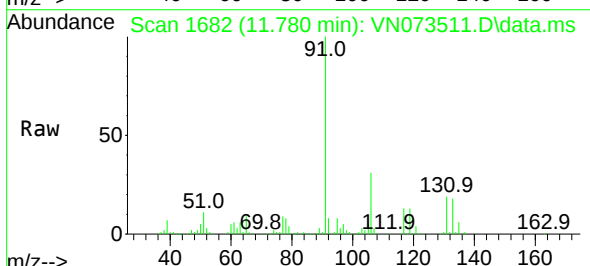
Tgt Ion:112 Resp: 36852
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
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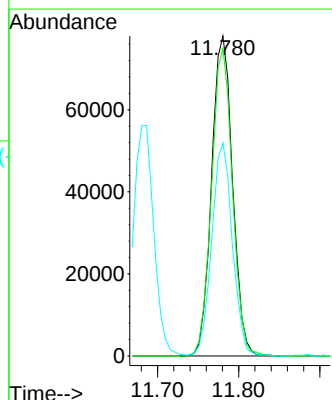
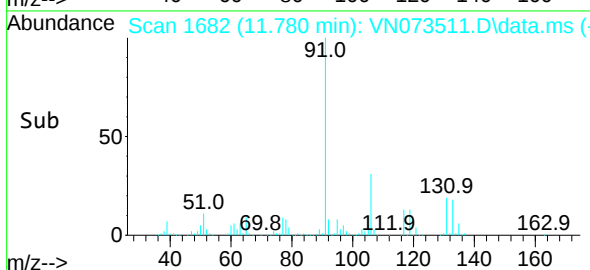
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

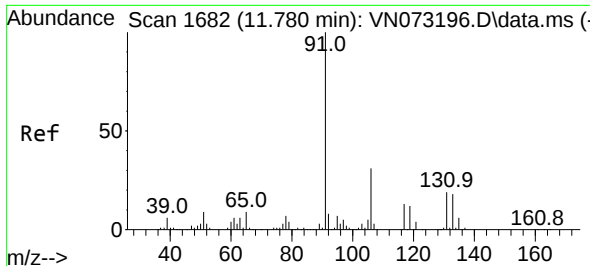


#66
1,1,1,2-Tetrachloroethane
Concen: 53.962 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27



Tgt Ion:131 Resp: 139630
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.4
119 65.7 33.4 100.2





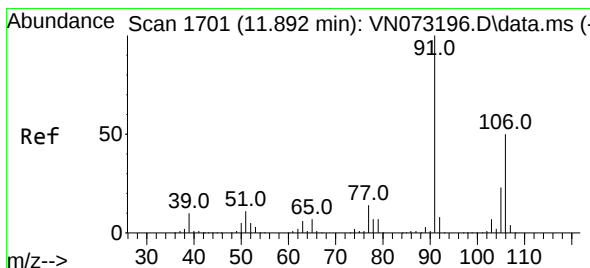
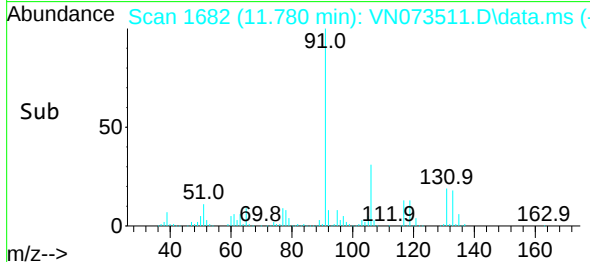
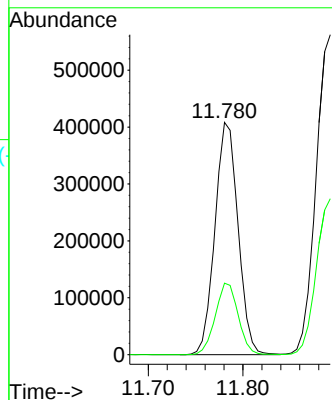
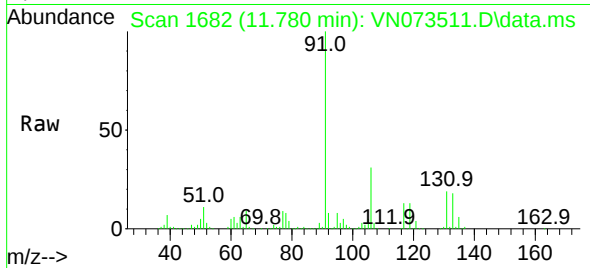
#67
Ethyl Benzene
Concen: 54.227 ug/l
RT: 11.780 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 692561
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

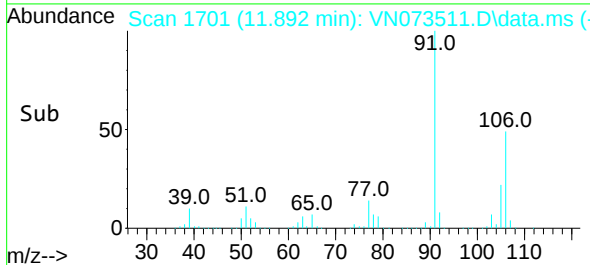
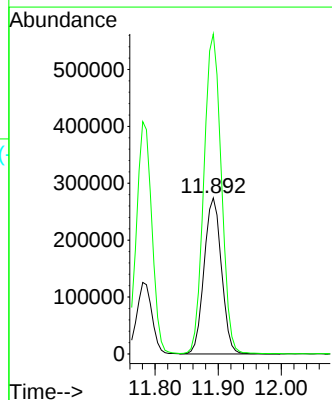
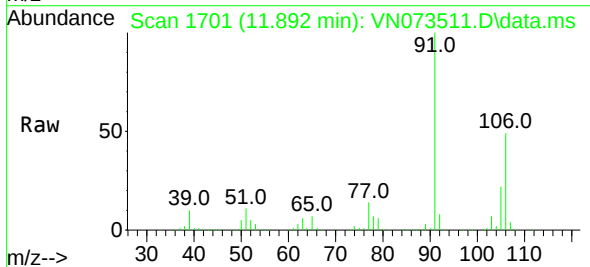
Manual Integrations
APPROVED

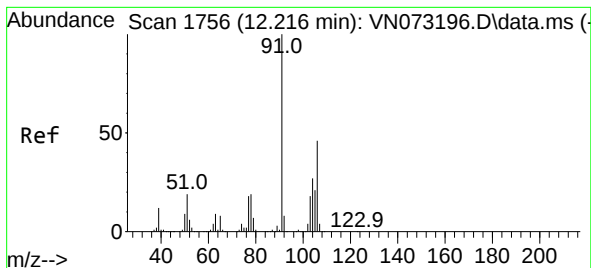
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#68
m/p-Xylenes
Concen: 108.458 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion:106 Resp: 522761
Ion Ratio Lower Upper
106 100
91 205.7 158.9 238.3





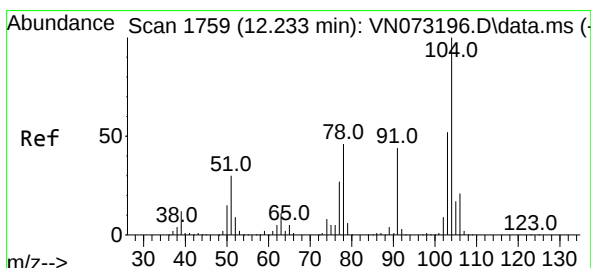
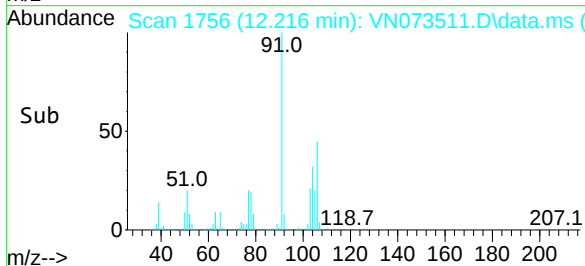
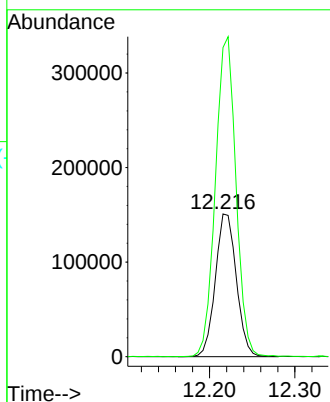
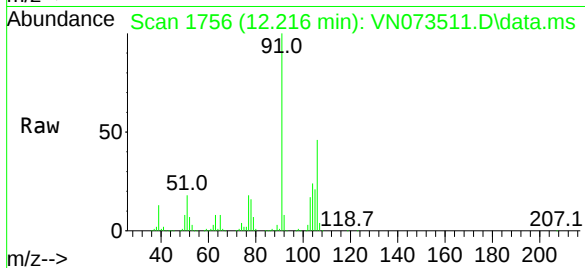
#69
o-Xylene
Concen: 52.435 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 258009
Ion Ratio Lower Upper
106 100
91 220.0 106.0 318.0

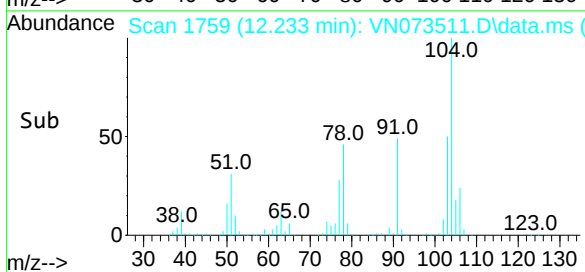
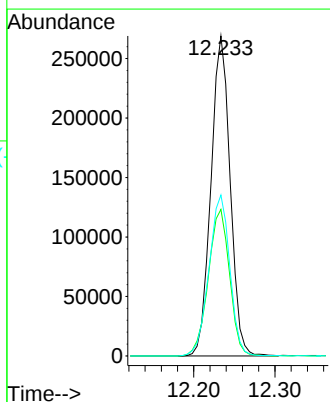
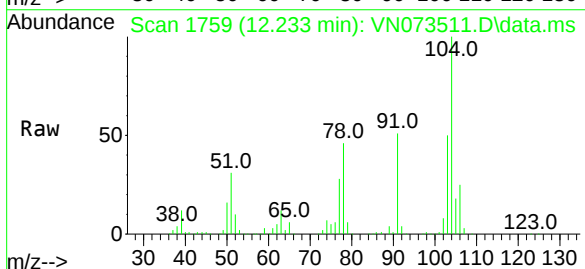
Manual Integrations
APPROVED

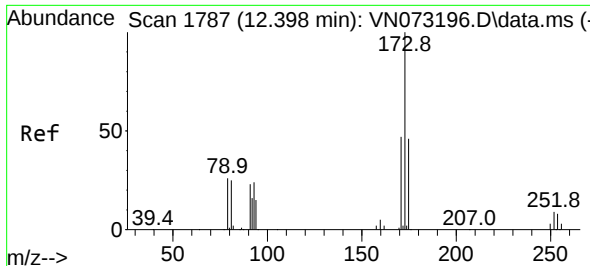
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#70
Styrene
Concen: 58.286 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

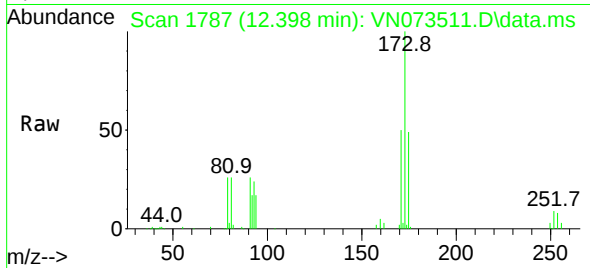
Tgt Ion:104 Resp: 442791
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 59.355 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

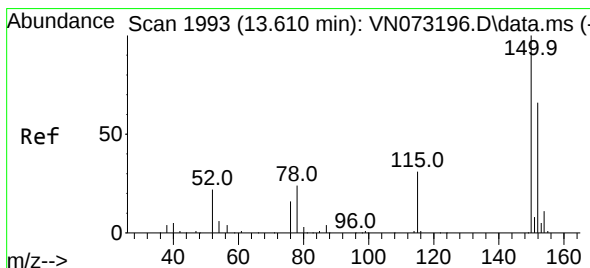
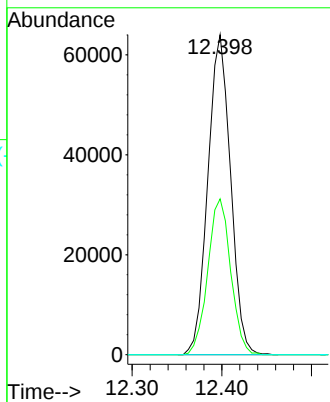
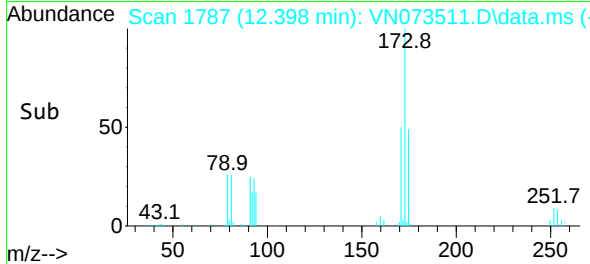
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 11238
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.0 0.1 0.1

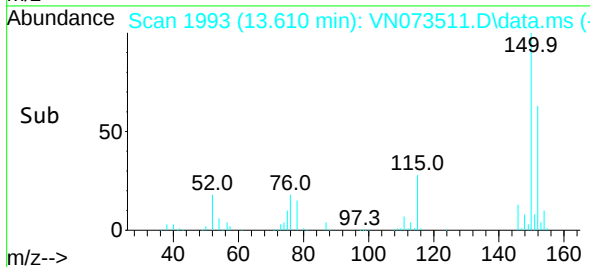
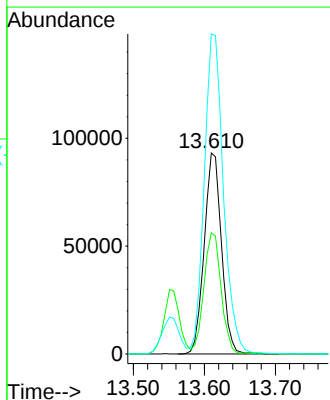
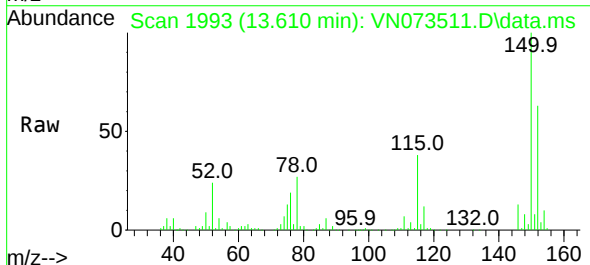
Manual Integrations
APPROVED

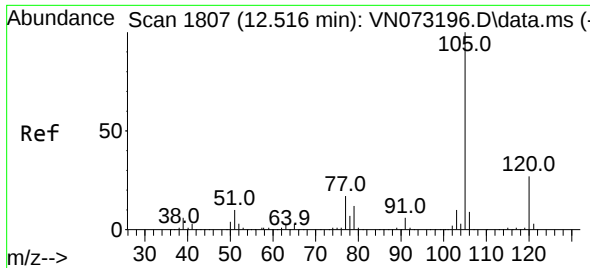
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

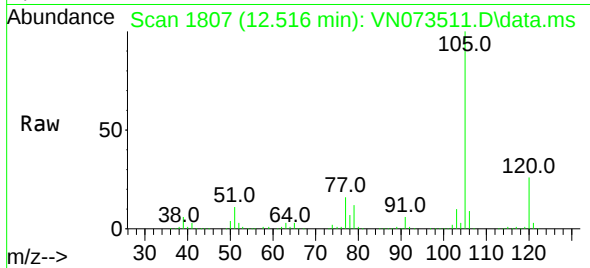
Tgt Ion:152 Resp: 158143
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 176.7 0.0 356.2





#73
Isopropylbenzene
Concen: 50.457 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

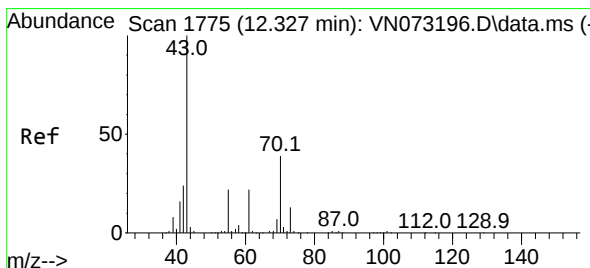
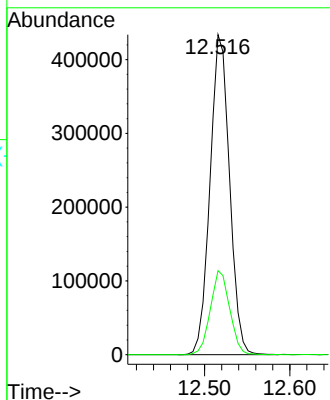
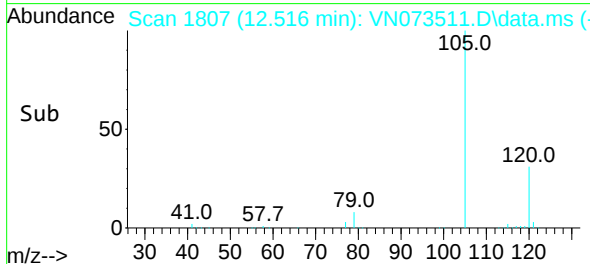
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 68905
Ion Ratio Lower Upper
105 100
120 26.0 13.5 40.4

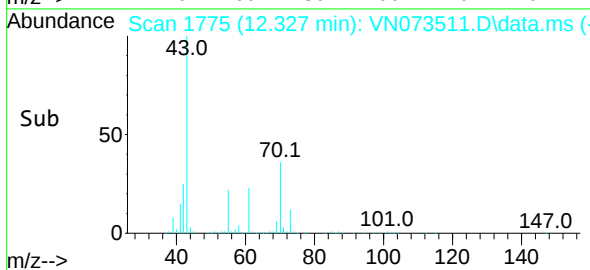
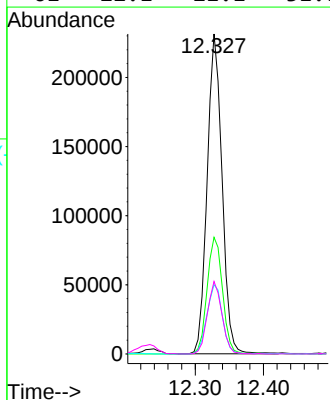
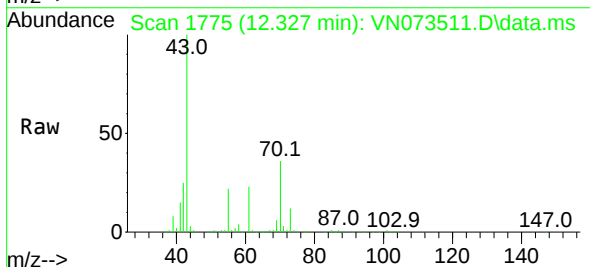
Manual Integrations
APPROVED

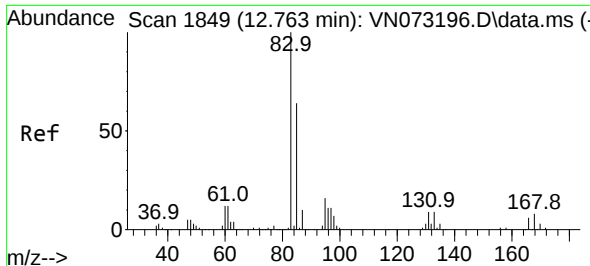
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#74
N-ethyl acetate
Concen: 51.409 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

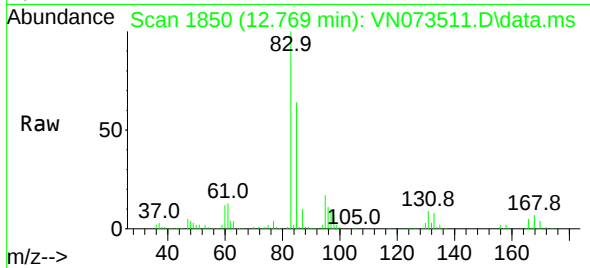
Tgt Ion: 43 Resp: 351535
Ion Ratio Lower Upper
43 100
70 37.8 39.0 58.4#
55 22.6 21.1 31.7
61 22.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 54.611 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

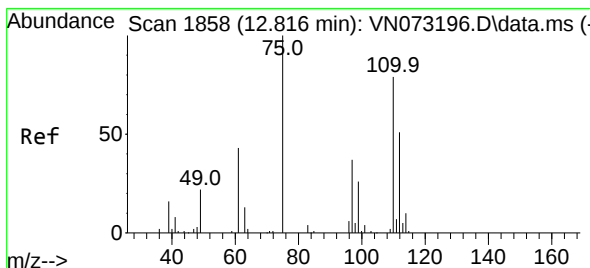
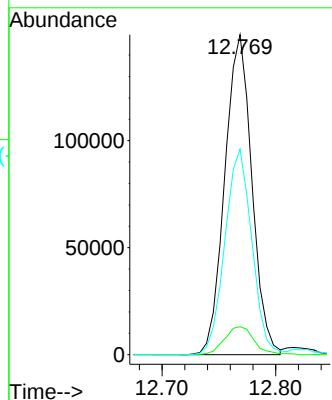
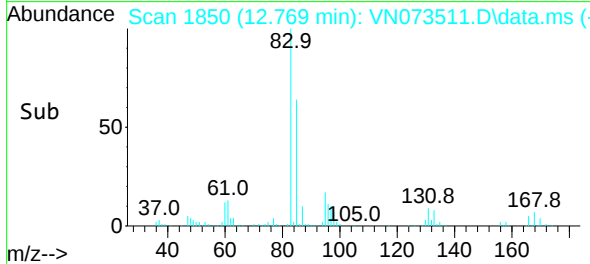
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 247479
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.9
85 64.1 32.3 96.9

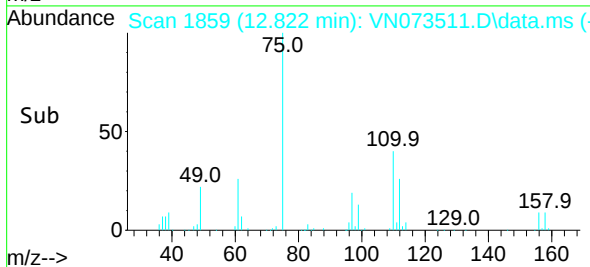
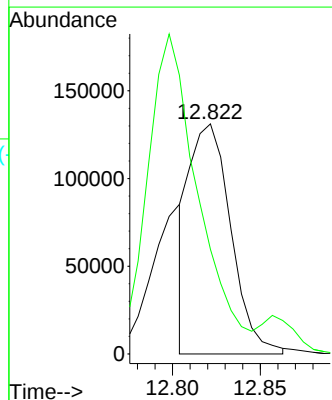
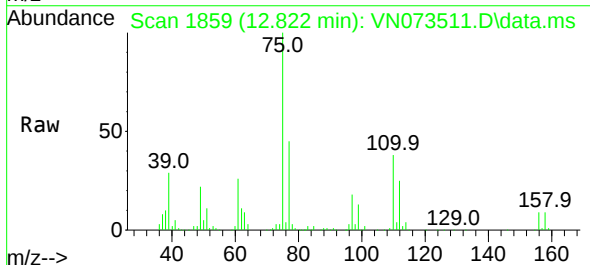
Manual Integrations
APPROVED

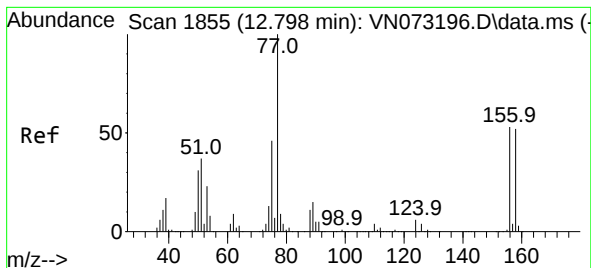
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#76
1,2,3-Trichloropropane
Concen: 52.133 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion: 75 Resp: 215575
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 48.749 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 15478

Ion Ratio Lower Upper

156 100

77 237.3 100.5 301.5

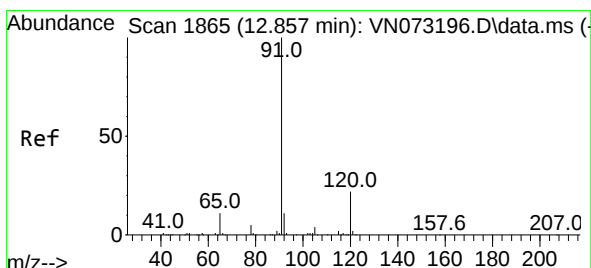
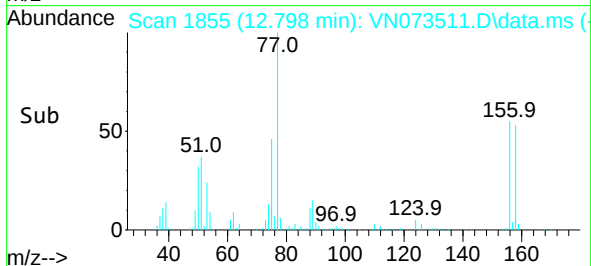
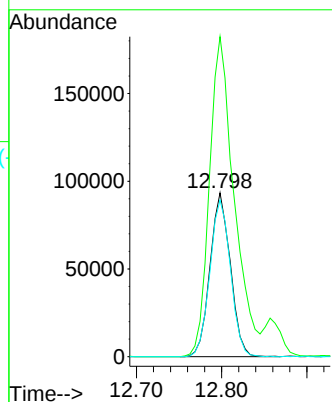
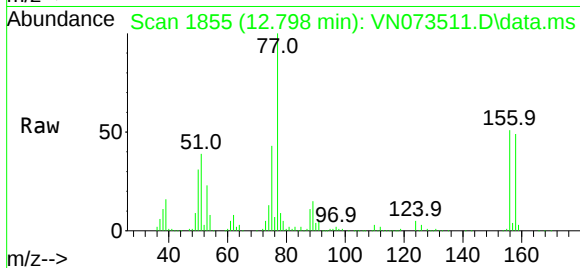
158 96.8 48.9 146.6

Manual Integrations

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Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#78

n-propylbenzene

Concen: 54.141 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073511.D

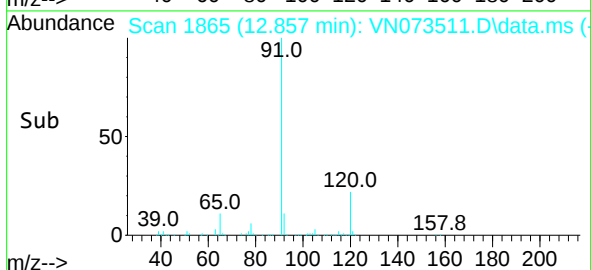
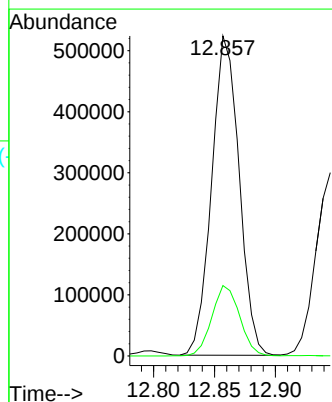
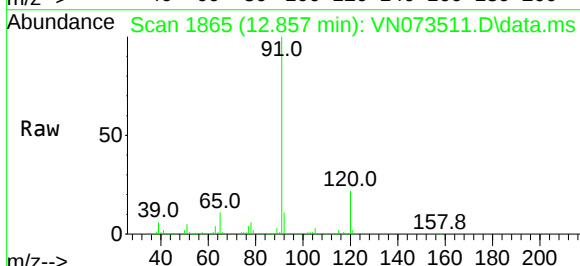
Acq: 19 Jul 2022 11:27

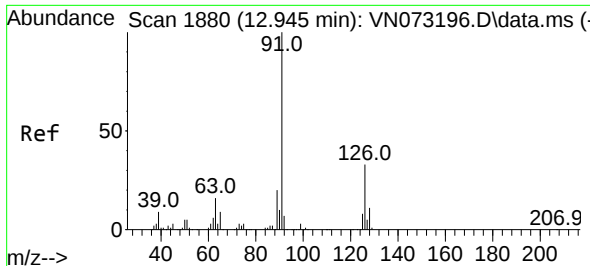
Tgt Ion: 91 Resp: 821369

Ion Ratio Lower Upper

91 100

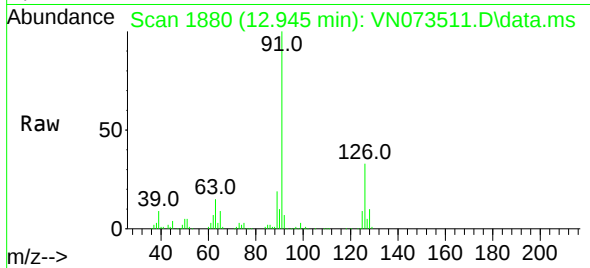
120 22.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 51.639 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

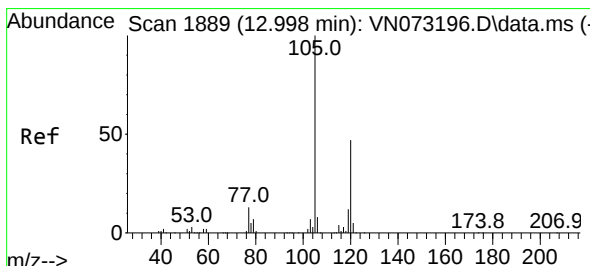
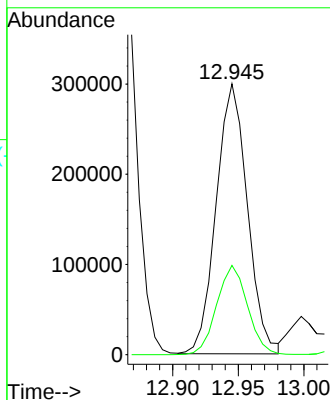
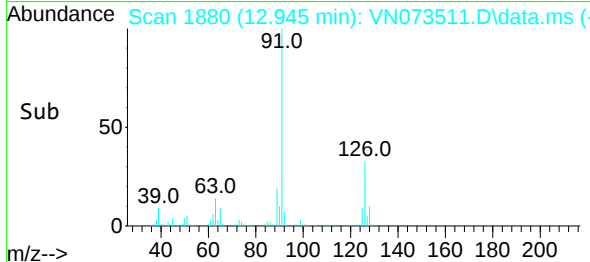
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



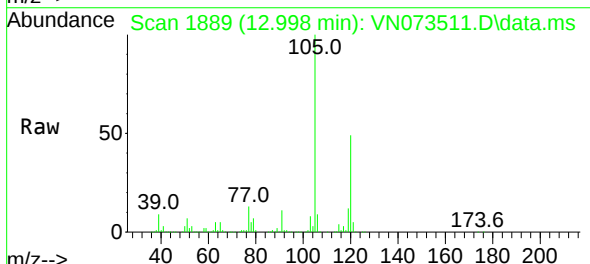
Tgt Ion: 91 Resp: 495834
Ion Ratio Lower Upper
91 100
126 32.6 17.3 51.9

Manual Integrations
APPROVED

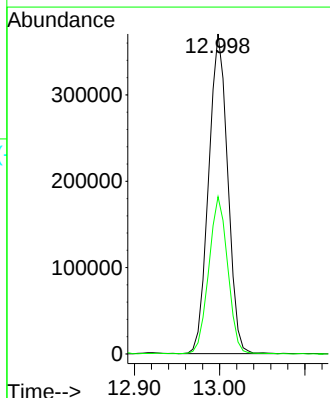
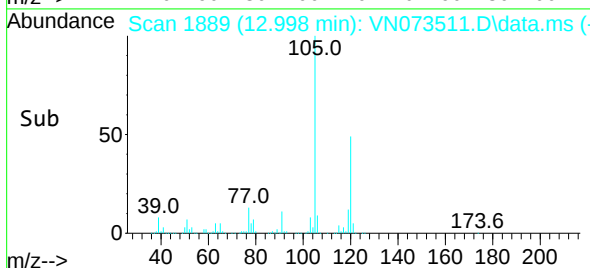
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

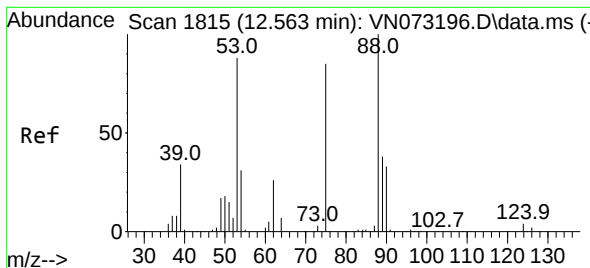


#80
1,3,5-Trimethylbenzene
Concen: 51.748 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27



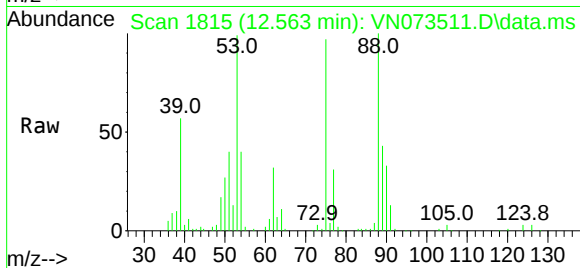
Tgt Ion:105 Resp: 576006
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 52.734 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

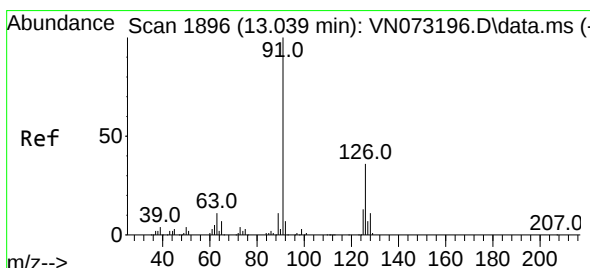
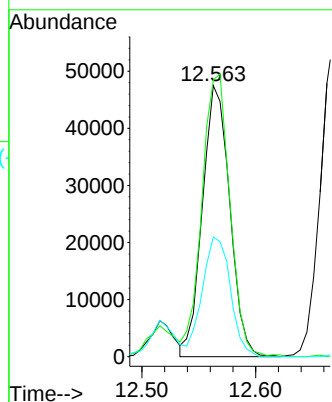
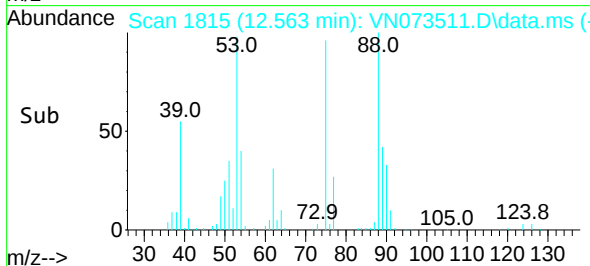
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 7951
Ion Ratio Lower Upper
75 100
53 106.9 78.0 117.0
89 45.0 37.2 55.8

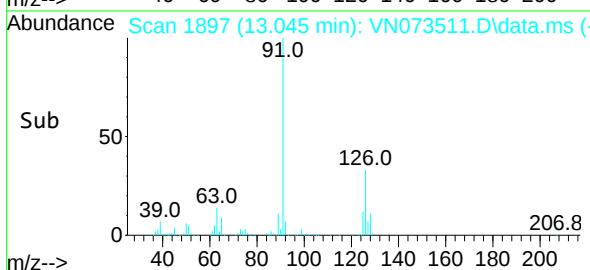
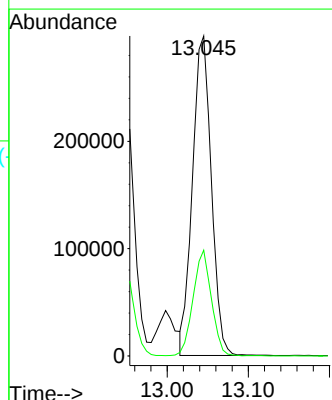
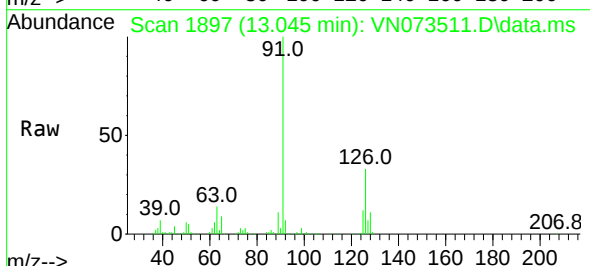
Manual Integrations
APPROVED

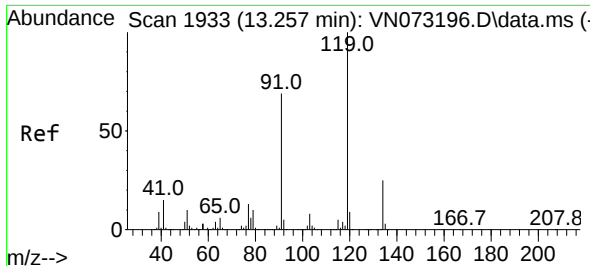
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#82
4-Chlorotoluene
Concen: 51.740 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

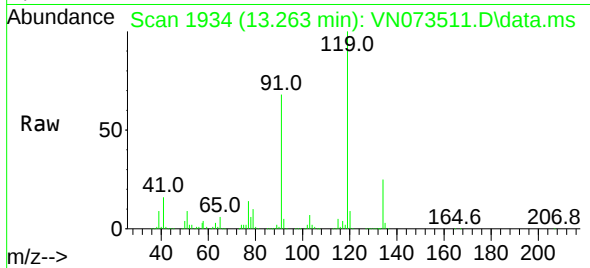
Tgt Ion: 91 Resp: 480963
Ion Ratio Lower Upper
91 100
126 32.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 50.262 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

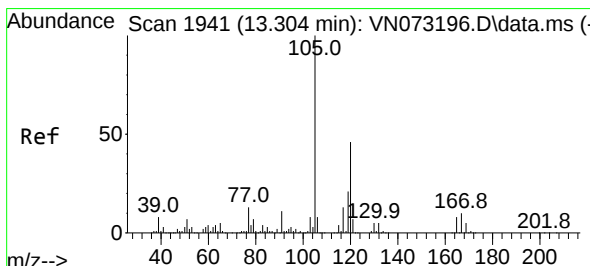
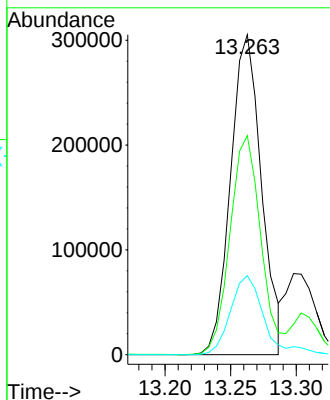
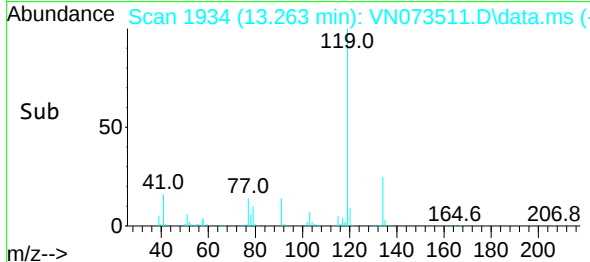
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 501572
Ion Ratio Lower Upper
119 100
91 68.6 31.6 94.8
134 26.7 13.7 41.1

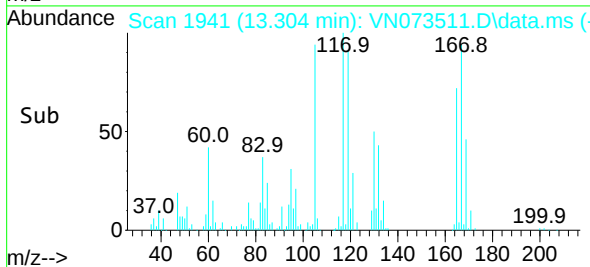
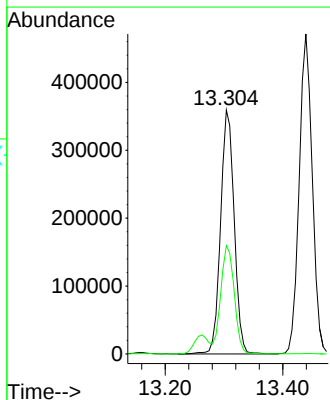
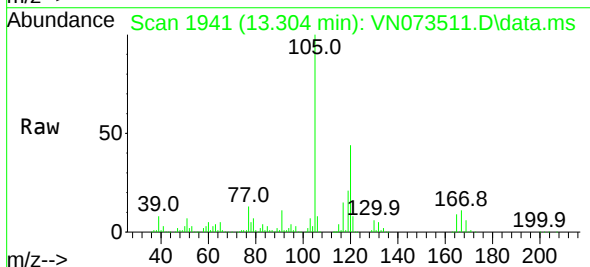
Manual Integrations
APPROVED

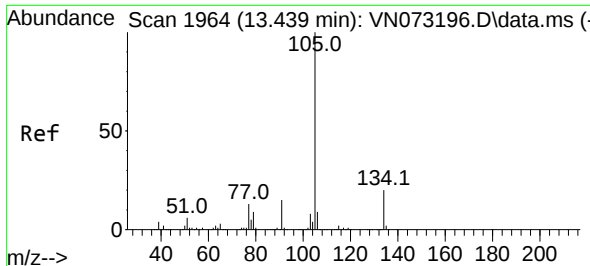
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 51.986 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion:105 Resp: 577734
Ion Ratio Lower Upper
105 100
120 43.9 23.3 69.8





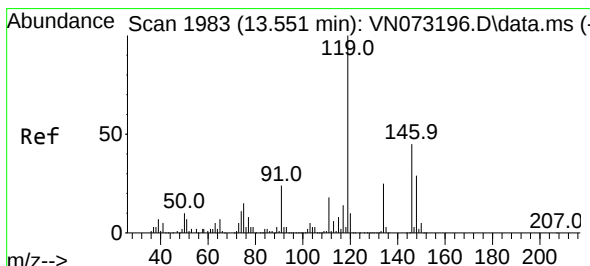
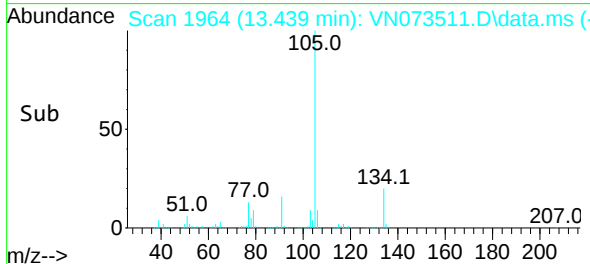
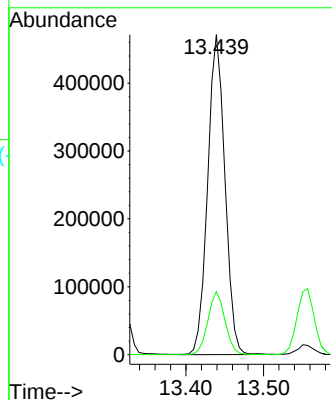
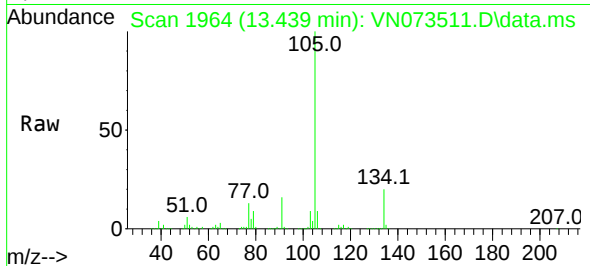
#85
 sec-Butylbenzene
 Concen: 54.378 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073511.D
 Acq: 19 Jul 2022 11:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 728662
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

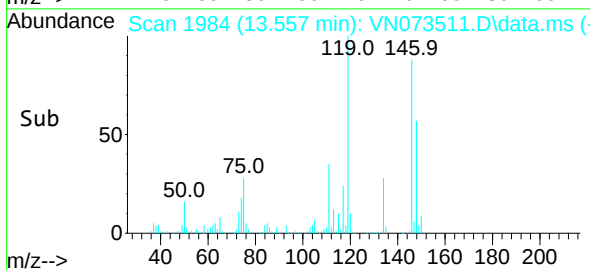
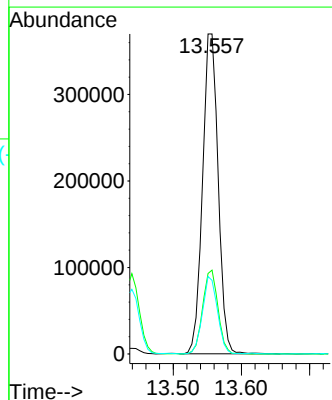
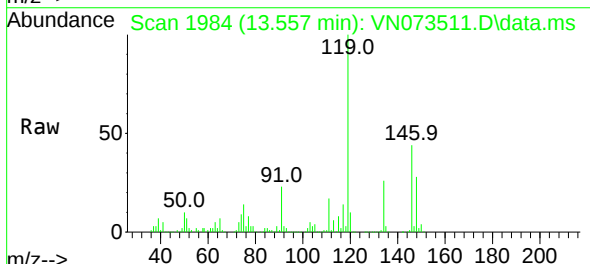
Manual Integrations
 APPROVED

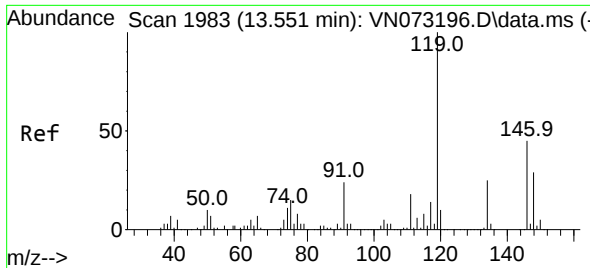
Reviewed By :John Carlone 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022



#86
 p-Isopropyltoluene
 Concen: 54.359 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073511.D
 Acq: 19 Jul 2022 11:27

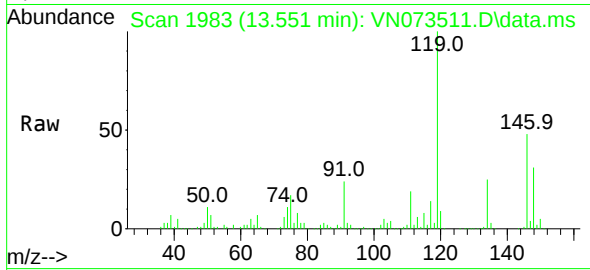
Tgt Ion:119 Resp: 588409
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 23.2 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 50.638 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073511.D
 Acq: 19 Jul 2022 11:27

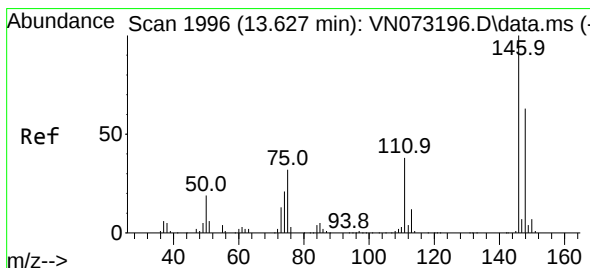
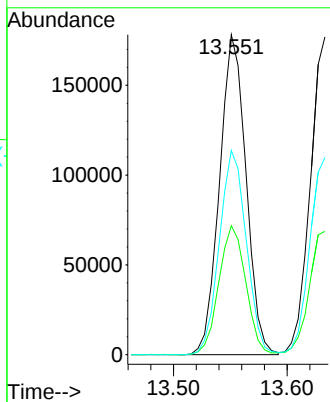
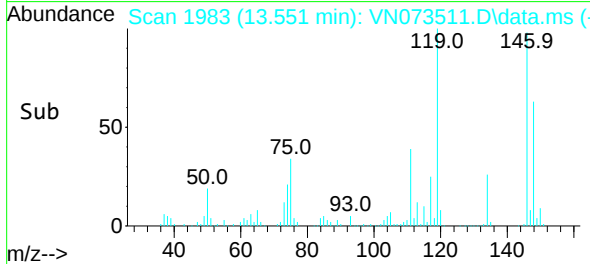
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



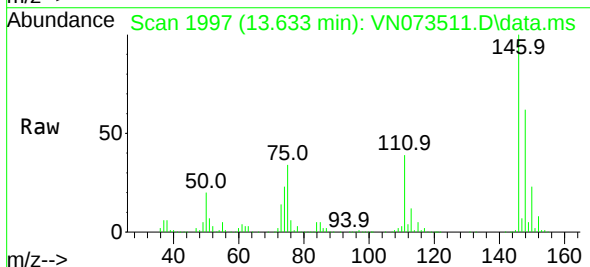
Tgt Ion:146 Resp: 288440
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 65.0 32.0 96.0

Manual Integrations
 APPROVED

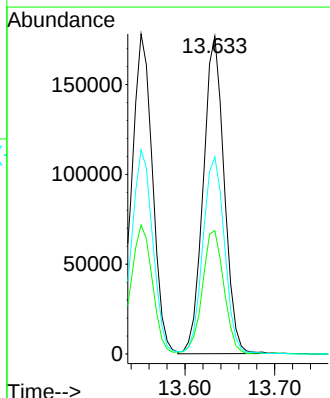
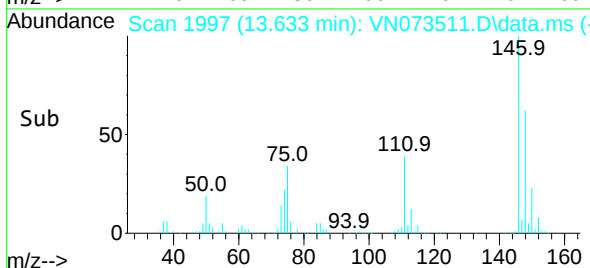
Reviewed By :John Carlone 07/20/2022
 Supervised By :Mahesh Dadoda 07/20/2022

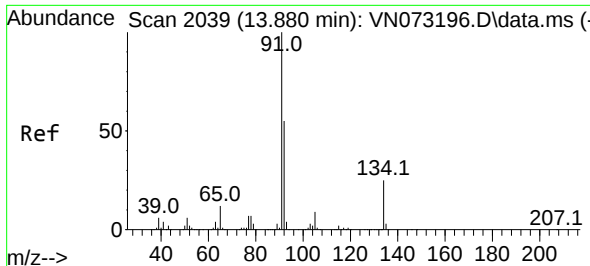


#88
 1,4-Dichlorobenzene
 Concen: 50.164 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073511.D
 Acq: 19 Jul 2022 11:27



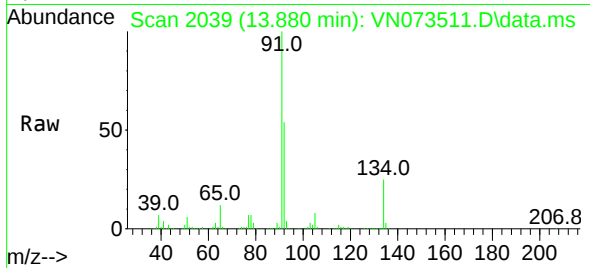
Tgt Ion:146 Resp: 286291
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.1 57.1
 148 64.0 31.4 94.3





#89
n-Butylbenzene
Concen: 56.695 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

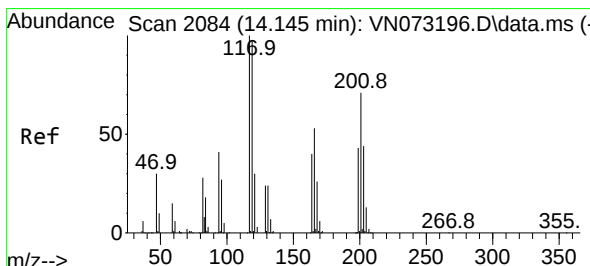
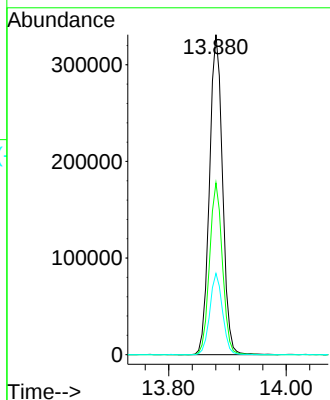
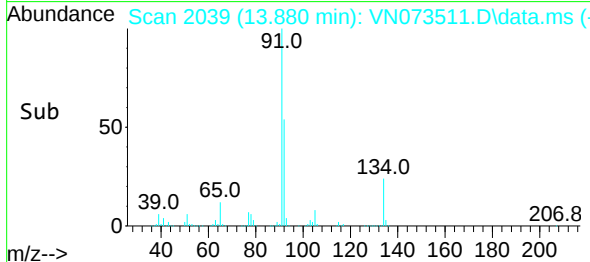
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 511394
Ion Ratio Lower Upper
91 100
92 52.7 26.9 80.7
134 24.6 13.6 40.8

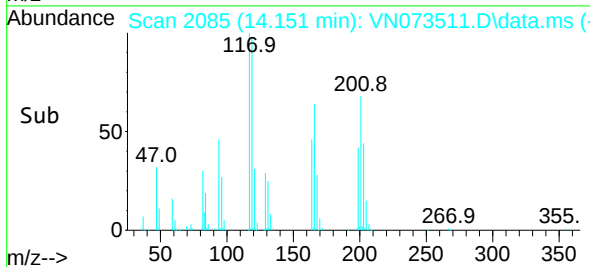
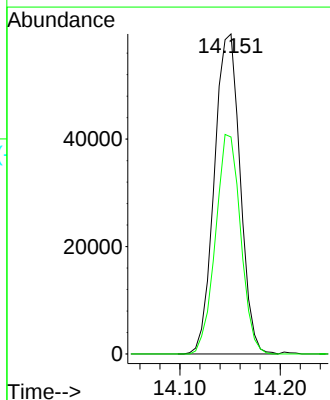
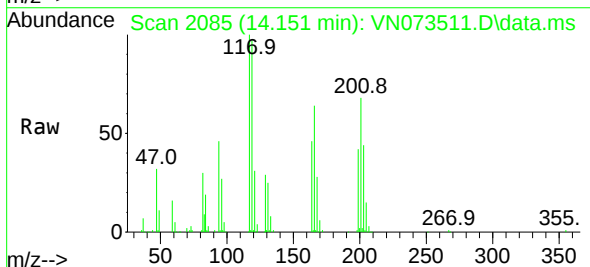
Manual Integrations
APPROVED

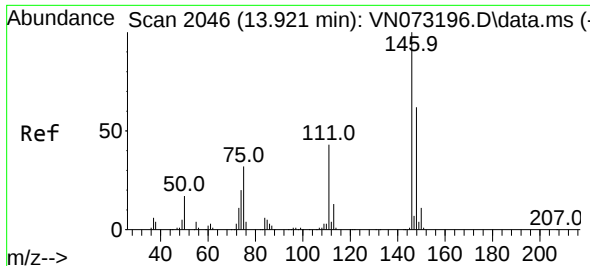
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#90
Hexachloroethane
Concen: 52.762 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

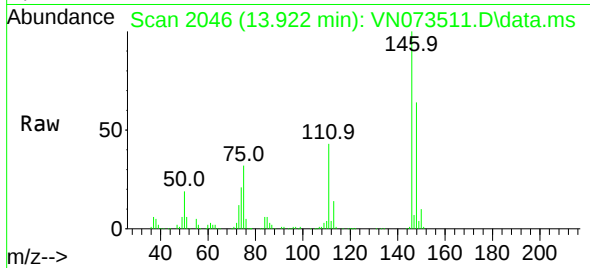
Tgt Ion:117 Resp: 106437
Ion Ratio Lower Upper
117 100
201 66.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 50.877 ug/l
RT: 13.922 min Scan# 2046
Delta R.T. 0.001 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

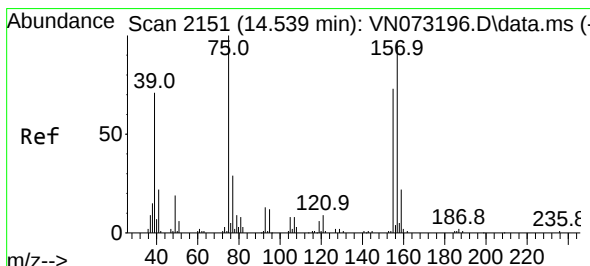
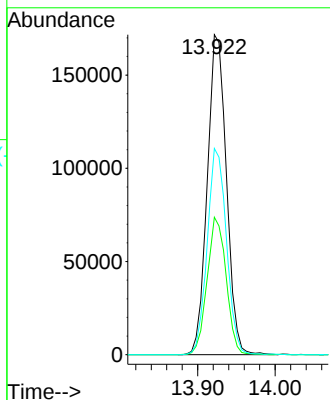
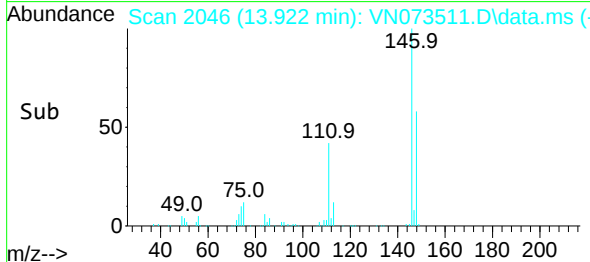
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



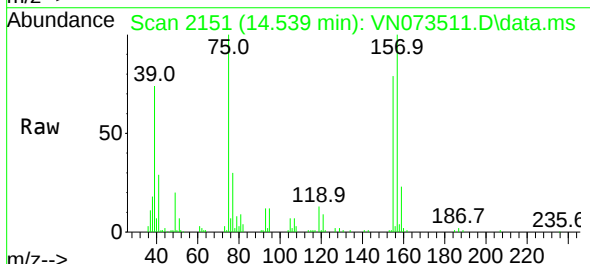
Tgt Ion:146 Resp: 29521
Ion Ratio Lower Upper
146 100
111 42.6 20.9 62.8
148 64.9 32.1 96.3

Manual Integrations
APPROVED

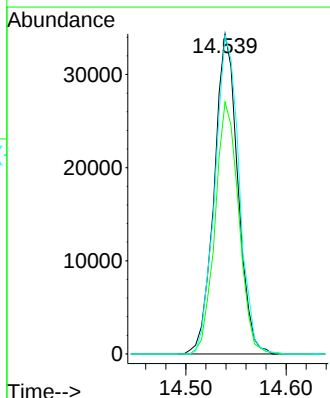
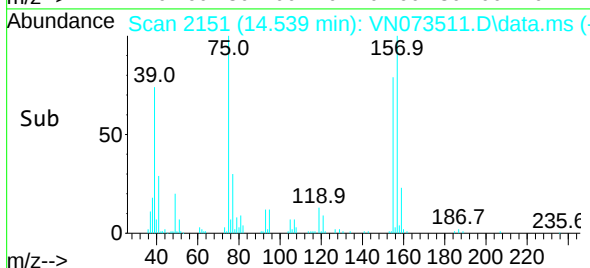
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022

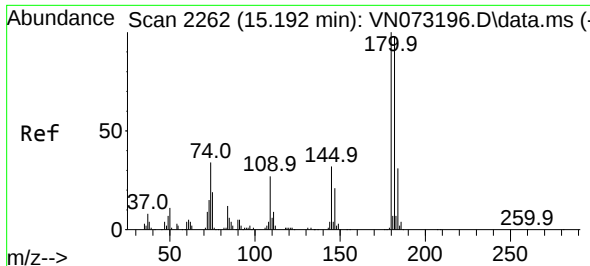


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.964 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27



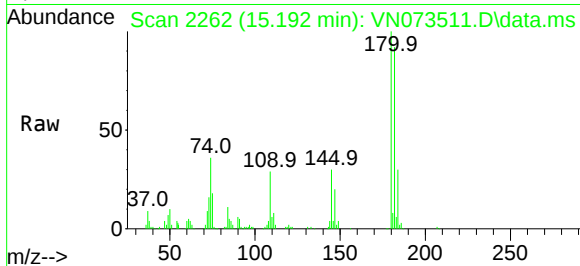
Tgt Ion: 75 Resp: 56134
Ion Ratio Lower Upper
75 100
155 78.6 44.9 134.5
157 101.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 51.502 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

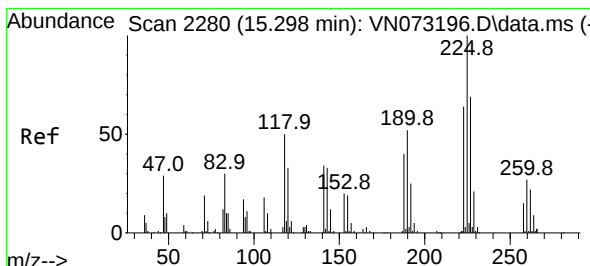
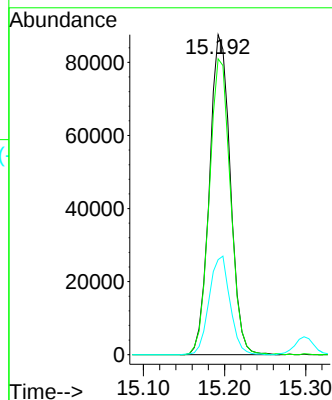
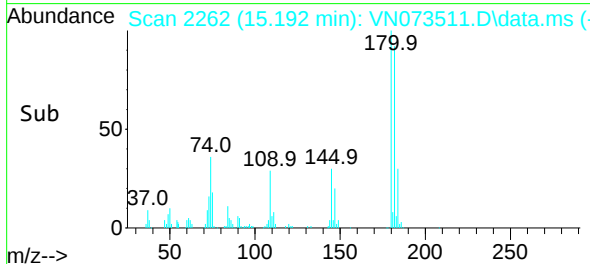
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 155602
Ion Ratio Lower Upper
180 100
182 93.9 47.5 142.5
145 31.0 14.5 43.5

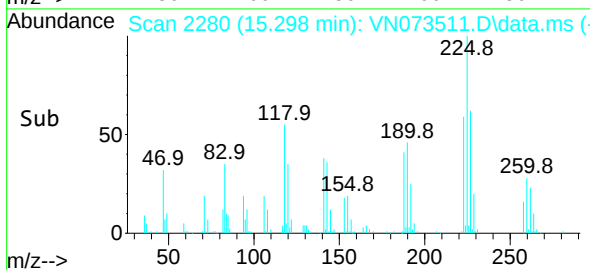
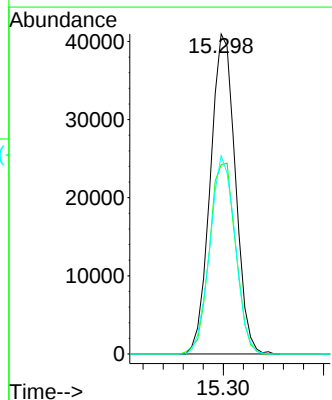
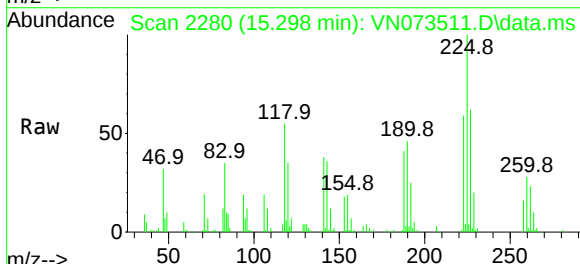
Manual Integrations
APPROVED

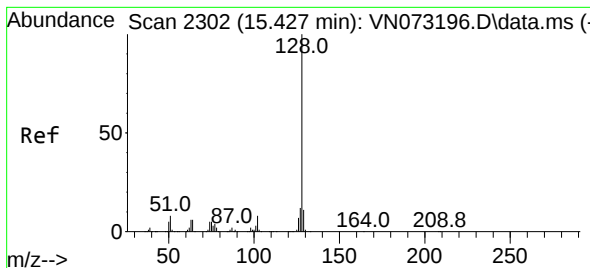
Reviewed By :John Carlone 07/20/2022
Supervised By :Mahesh Dadoda 07/20/2022



#94
Hexachlorobutadiene
Concen: 52.807 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN073511.D
Acq: 19 Jul 2022 11:27

Tgt Ion:225 Resp: 70923
Ion Ratio Lower Upper
225 100
223 62.7 32.4 97.2
227 62.5 31.8 95.4





#95

Naphthalene

Concen: 46.730 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 56955

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

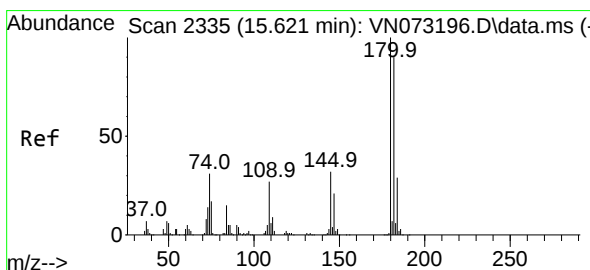
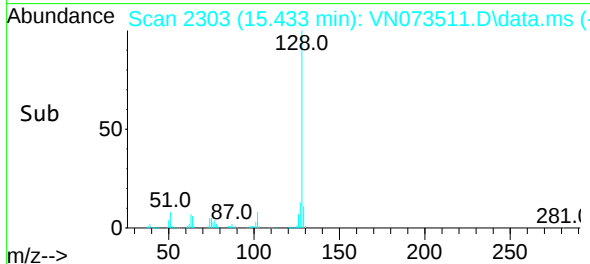
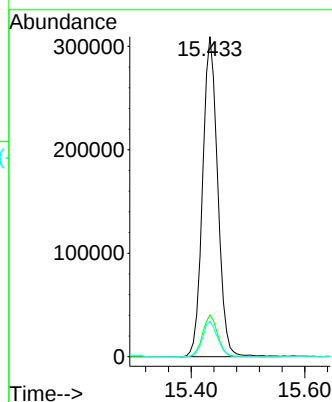
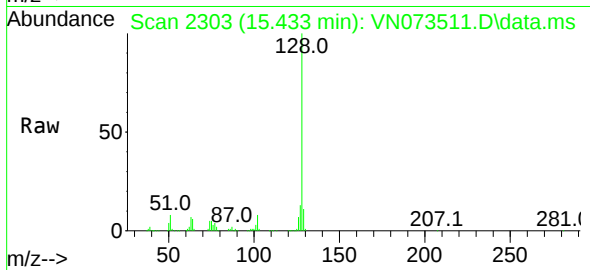
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/20/2022

Supervised By :Mahesh Dadoda 07/20/2022



#96

1,2,3-Trichlorobenzene

Concen: 50.938 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073511.D

Acq: 19 Jul 2022 11:27

Tgt Ion:180 Resp: 158753

Ion Ratio Lower Upper

180 100

182 93.0 47.8 143.3

145 32.7 15.5 46.5

