

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075863.D
 Acq On : 19 Dec 2022 11:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 01:28:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	307298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	484047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	437200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	173902	52.018	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	8.171	113	158247	52.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.580%			
50) Toluene-d8	10.570	98	594170	53.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.020%			
62) 4-Bromofluorobenzene	12.853	95	205830	55.448	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	102389	46.926	ug/l	100
3) Chloromethane	2.371	50	121676	44.846	ug/l	94
4) Vinyl Chloride	2.530	62	148613	45.919	ug/l	98
5) Bromomethane	2.953	94	121073	44.018	ug/l	99
6) Chloroethane	3.124	64	107919	45.029	ug/l	99
7) Trichlorofluoromethane	3.512	101	240832	49.040	ug/l	97
8) Diethyl Ether	3.977	74	89623	49.966	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	141028	50.291	ug/l	99
10) Methyl Iodide	4.600	142	221091	48.581	ug/l	99
11) Tert butyl alcohol	5.536	59	110873	234.381	ug/l	100
12) 1,1-Dichloroethene	4.353	96	132277	48.568	ug/l	99
13) Acrolein	4.189	56	170087	293.284	ug/l	97
14) Allyl chloride	5.036	41	157391	49.435	ug/l	90
15) Acrylonitrile	5.730	53	324619	251.464	ug/l	100
16) Acetone	4.436	43	274124	237.865	ug/l	99
17) Carbon Disulfide	4.730	76	310674	47.113	ug/l	98
18) Methyl Acetate	5.036	43	164892	48.405	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	467408	52.115	ug/l	99
20) Methylene Chloride	5.288	84	154563	50.138	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	146479	49.109	ug/l	99
22) Diisopropyl ether	6.683	45	410431	53.066	ug/l	99
23) Vinyl Acetate	6.612	43	1397393	268.432	ug/l	99
24) 1,1-Dichloroethane	6.577	63	261790	50.753	ug/l	98
25) 2-Butanone	7.488	43	412886	255.875	ug/l	97
26) 2,2-Dichloropropane	7.494	77	223659	51.202	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	179657	50.362	ug/l	97
28) Bromochloromethane	7.818	49	99831	44.157	ug/l	99
29) Tetrahydrofuran	7.841	42	264708	261.772	ug/l	99
30) Chloroform	7.971	83	288119	49.611	ug/l	98
31) Cyclohexane	8.265	56	222626	46.497	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	260961	50.684	ug/l	99
36) 1,1-Dichloropropene	8.377	75	204620	51.386	ug/l	98
37) Ethyl Acetate	7.565	43	162659	50.854	ug/l	98
38) Carbon Tetrachloride	8.365	117	233562	52.406	ug/l	98
39) Methylcyclohexane	9.606	83	267579	55.698	ug/l	99
40) Benzene	8.612	78	633747	51.583	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	89953	54.104	ug/l	97
42) 1,2-Dichloroethane	8.676	62	210375	51.505	ug/l	99
43) Isopropyl Acetate	8.694	43	287478	54.485	ug/l	99
44) Trichloroethene	9.359	130	172592	49.865	ug/l	94
45) 1,2-Dichloropropane	9.623	63	152044	50.855	ug/l	100
46) Dibromomethane	9.712	93	112836	50.884	ug/l	100
47) Bromodichloromethane	9.888	83	231389	53.210	ug/l	97
48) Methyl methacrylate	9.682	41	132414	55.720	ug/l	99
49) 1,4-Dioxane	9.700	88	60429	1034.353	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	874581	274.089	ug/l	100
52) Toluene	10.635	92	424433	53.044	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	238384	56.001	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	259556	55.535	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	166227	52.927	ug/l	99
56) Ethyl methacrylate	10.876	69	234845	56.296	ug/l	98
57) 1,3-Dichloropropane	11.165	76	270320	52.473	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	417870	314.620	ug/l	98
59) 2-Hexanone	11.200	43	640410	275.208	ug/l	100
60) Dibromochloromethane	11.359	129	187586	53.708	ug/l	99
61) 1,2-Dibromoethane	11.470	107	170084	53.515	ug/l	100
64) Tetrachloroethene	11.106	164	152001	49.408	ug/l	97
65) Chlorobenzene	11.894	112	452922	50.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	173284	52.135	ug/l	98
67) Ethyl Benzene	11.965	91	825816	54.528	ug/l	100
68) m/p-Xylenes	12.076	106	651479	108.683	ug/l	99
69) o-Xylene	12.400	106	327084	55.139	ug/l	97
70) Styrene	12.412	104	528369	56.019	ug/l	99
71) Bromoform	12.582	173	135222	55.911	ug/l #	100
73) Isopropylbenzene	12.700	105	841560	53.315	ug/l	100
74) N-amyl acetate	12.494	43	256034	55.291	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	241179	49.425	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	179293m	40.720	ug/l	
77) Bromobenzene	12.982	156	200702	50.242	ug/l	99
78) n-propylbenzene	13.041	91	970718	55.757	ug/l	100
79) 2-Chlorotoluene	13.129	91	565876	52.070	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	721453	54.610	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	69798	57.060	ug/l	99
82) 4-Chlorotoluene	13.129	91	565876	52.070	ug/l	100
83) tert-Butylbenzene	13.441	119	637392	54.722	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	730085	55.707	ug/l	98
85) sec-Butylbenzene	13.617	105	911503	56.697	ug/l	99
86) p-Isopropyltoluene	13.735	119	775270	57.954	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	385401	52.229	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	375032	49.751	ug/l	99
89) n-Butylbenzene	14.059	91	633880	58.490	ug/l	99
90) Hexachloroethane	14.335	117	133423	55.757	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	378523	52.078	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43506	50.246	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	196454	54.595	ug/l	99
94) Hexachlorobutadiene	15.505	225	105751	53.866	ug/l	98
95) Naphthalene	15.641	128	569580	48.004	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	186141	55.346	ug/l	97

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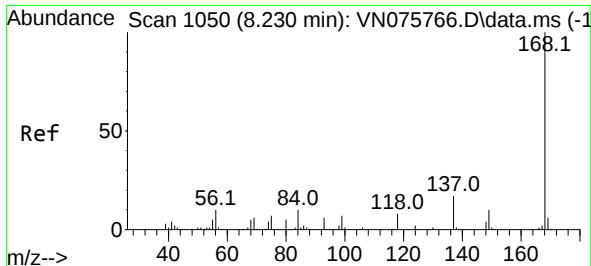
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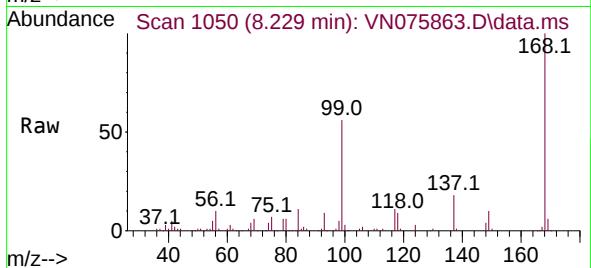
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
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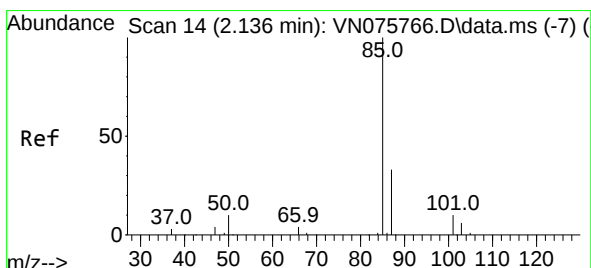
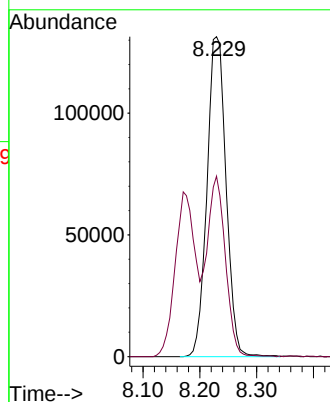
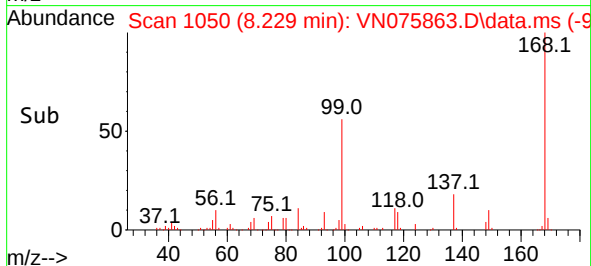
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 307298
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4

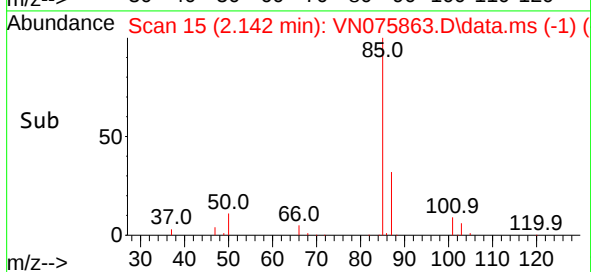
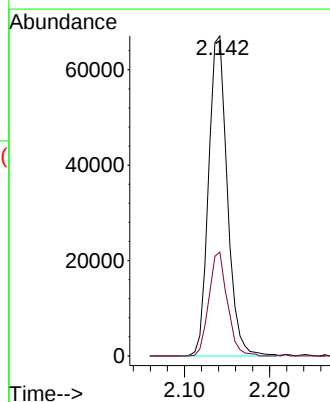
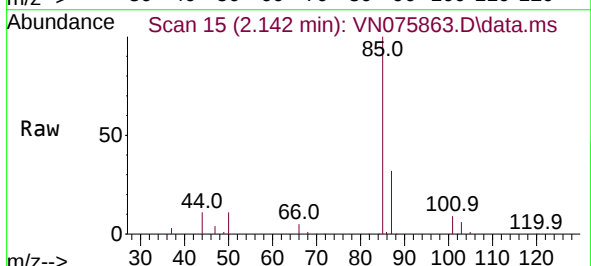
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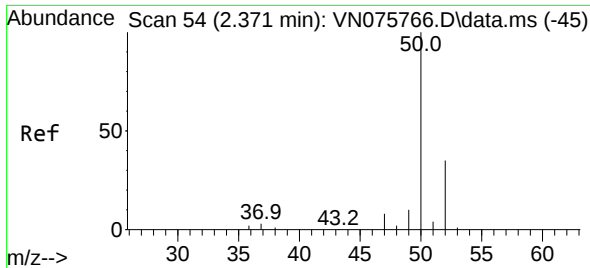
Reviewed By :John Carlone 12/20/2022
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#2
Dichlorodifluoromethane
Concen: 46.926 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 85 Resp: 102389
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





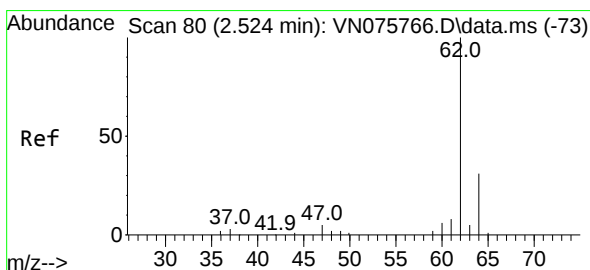
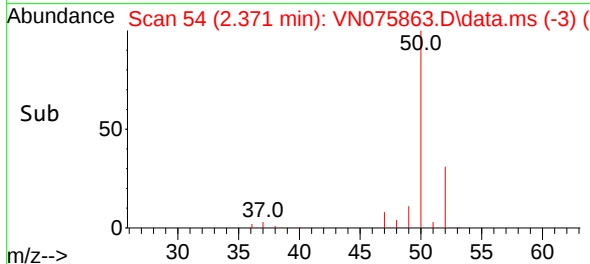
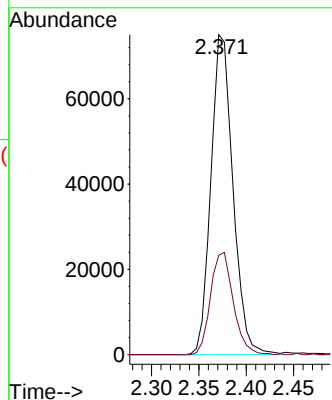
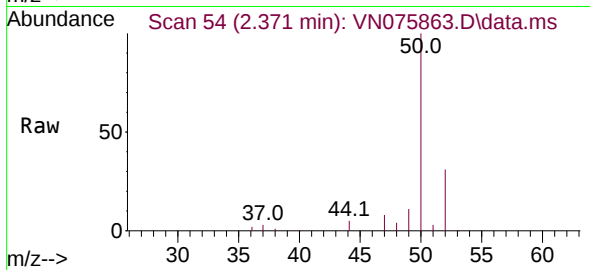
#3
Chloromethane
Concen: 44.846 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

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Tgt Ion: 50 Resp: 121676
Ion Ratio Lower Upper
50 100
52 31.0 27.7 41.5

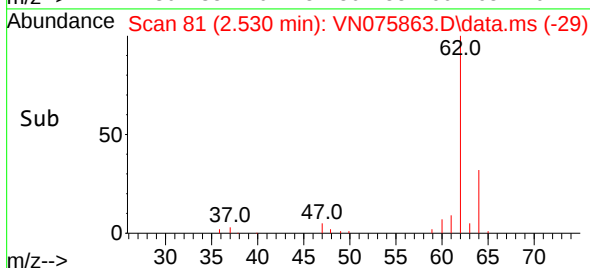
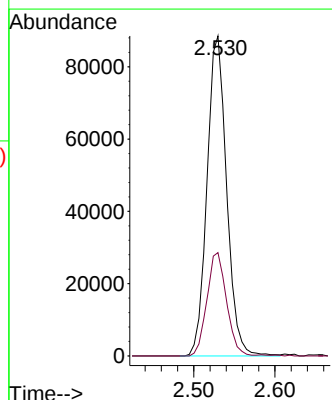
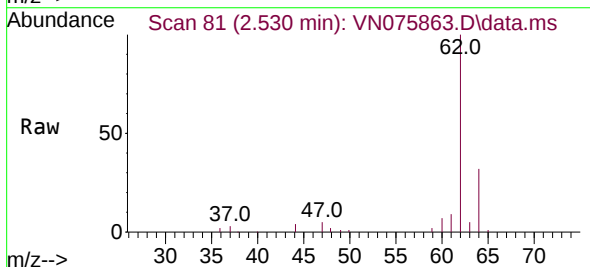
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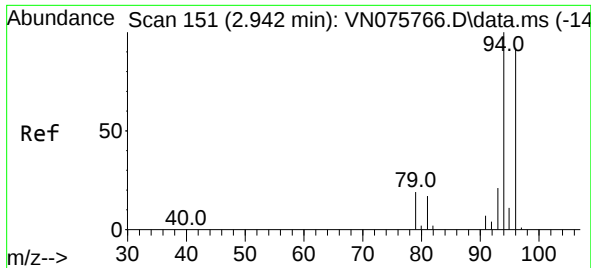
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#4
Vinyl Chloride
Concen: 45.919 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 62 Resp: 148613
Ion Ratio Lower Upper
62 100
64 32.3 24.9 37.3





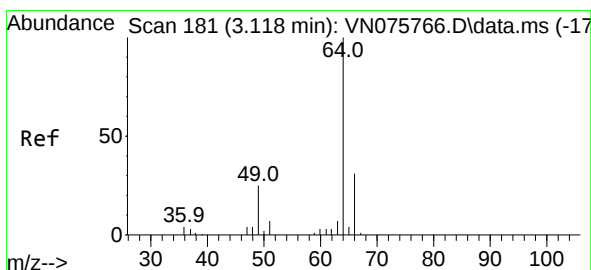
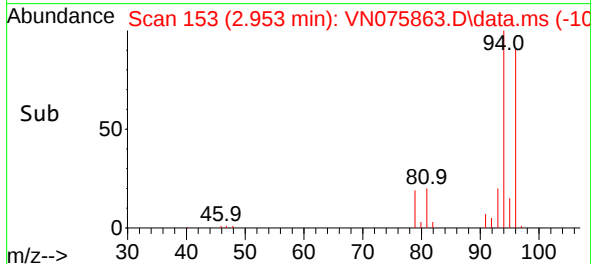
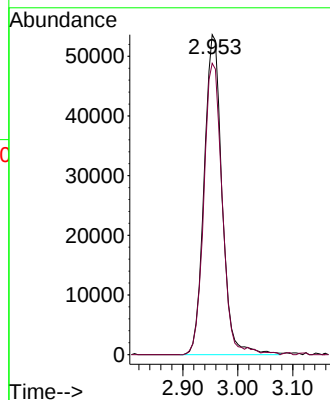
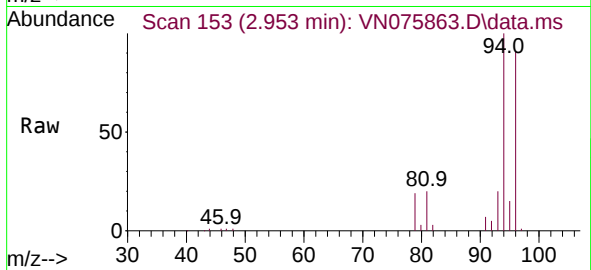
#5
Bromomethane
Concen: 44.018 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 121073
Ion Ratio Lower Upper
94 100
96 91.0 73.8 110.6

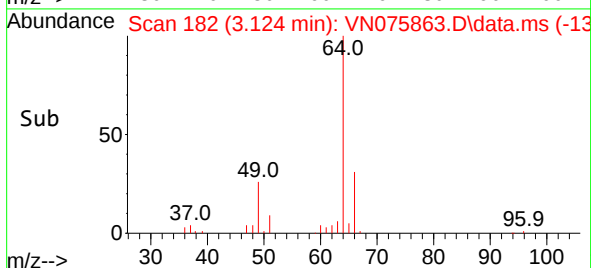
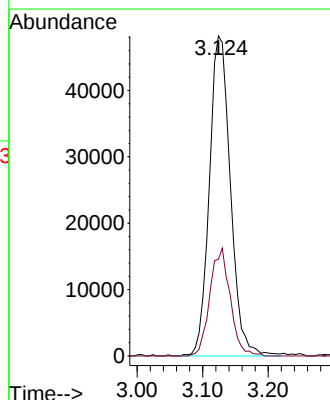
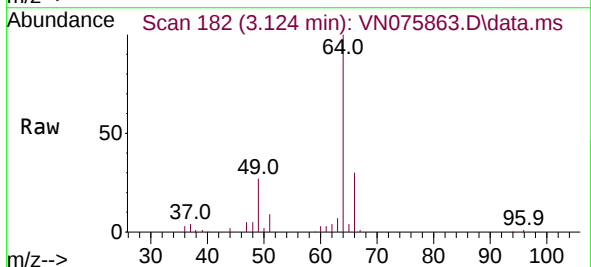
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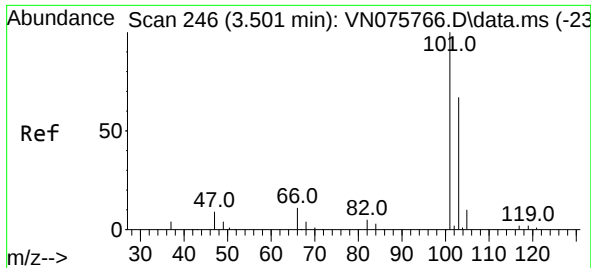
Reviewed By :John Carlone 12/20/2022
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#6
Chloroethane
Concen: 45.029 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075863.D
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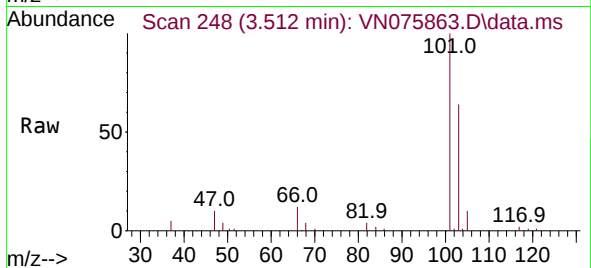
Tgt Ion: 64 Resp: 107919
Ion Ratio Lower Upper
64 100
66 30.2 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 49.040 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075863.D
 Acq: 19 Dec 2022 11:49

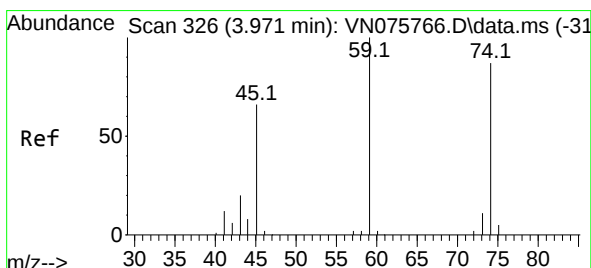
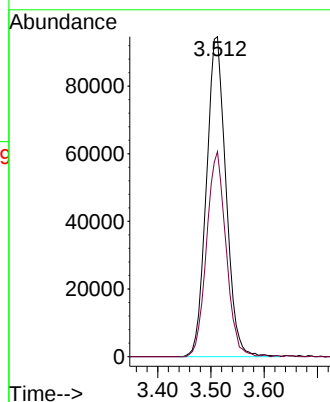
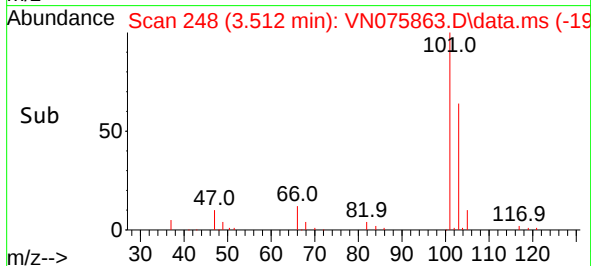
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



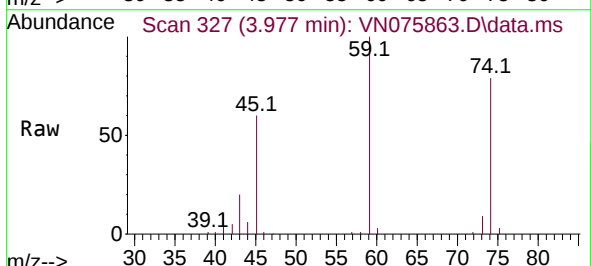
Tgt Ion:101 Resp: 240832
 Ion Ratio Lower Upper
 101 100
 103 64.1 53.4 80.2

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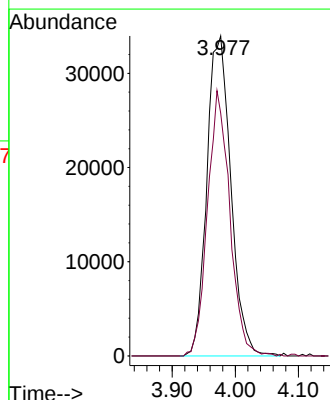
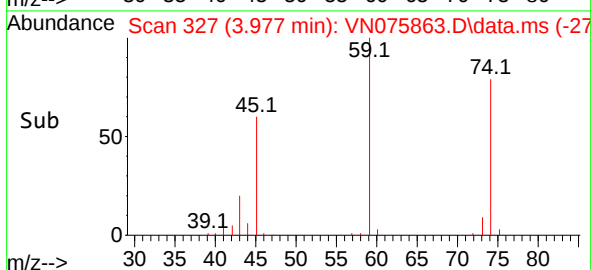
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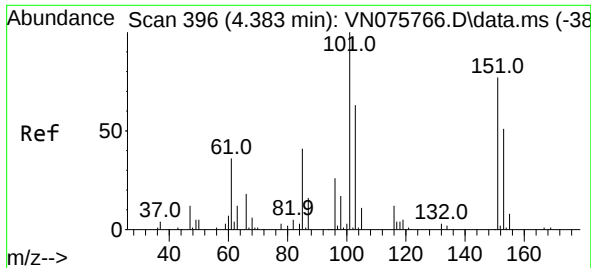


#8
 Diethyl Ether
 Concen: 49.966 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075863.D
 Acq: 19 Dec 2022 11:49



Tgt Ion: 74 Resp: 89623
 Ion Ratio Lower Upper
 74 100
 45 77.2 37.8 113.4





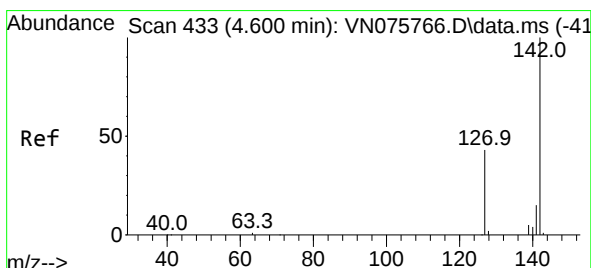
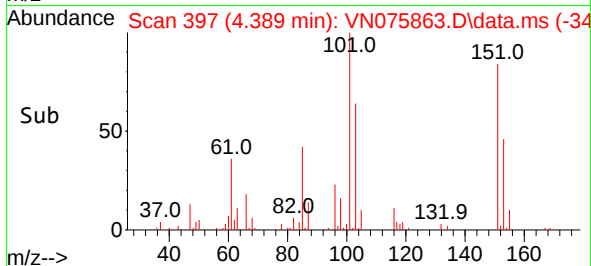
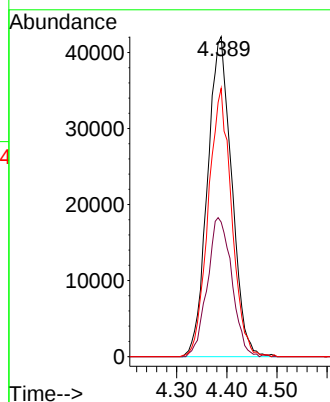
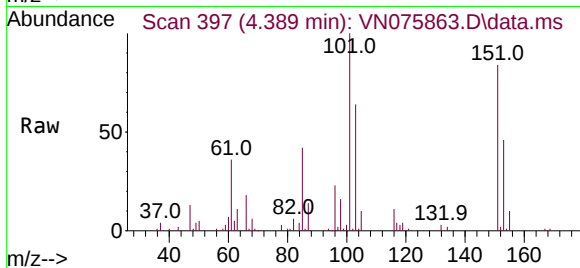
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.291 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 141028
Ion Ratio Lower Upper
101 100
85 43.8 35.3 52.9
151 80.8 65.6 98.4

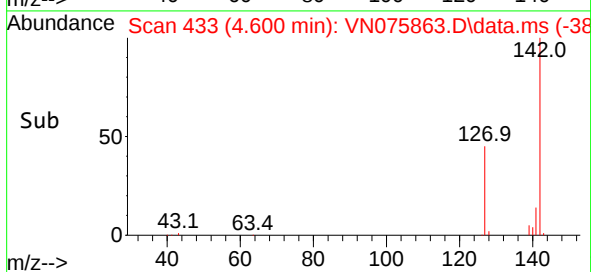
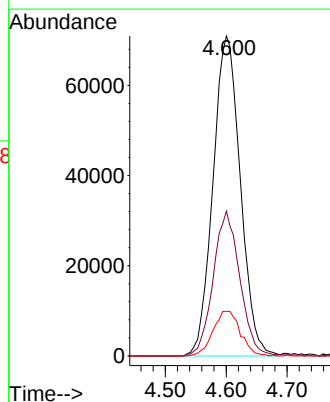
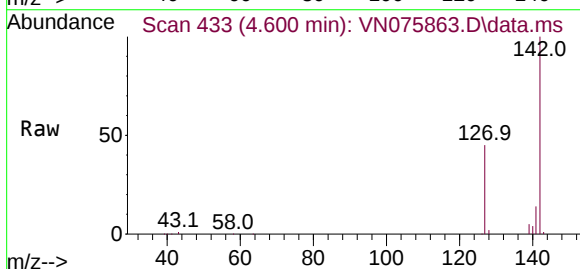
Manual Integrations
APPROVED

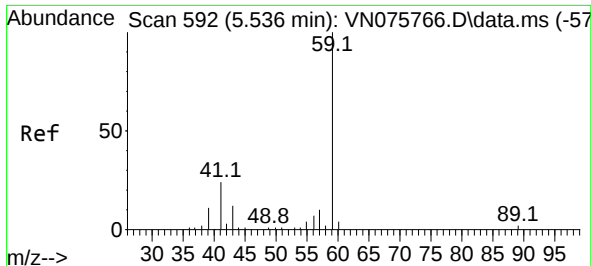
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#10
Methyl Iodide
Concen: 48.581 ug/l
RT: 4.600 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

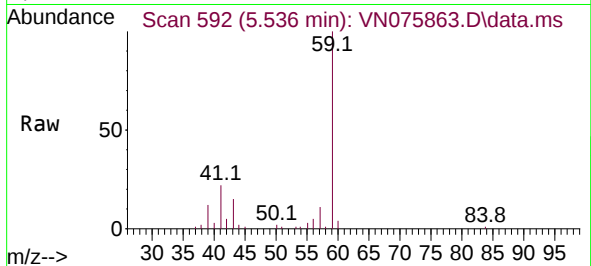
Tgt Ion:142 Resp: 221091
Ion Ratio Lower Upper
142 100
127 44.1 34.7 52.1
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 234.381 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

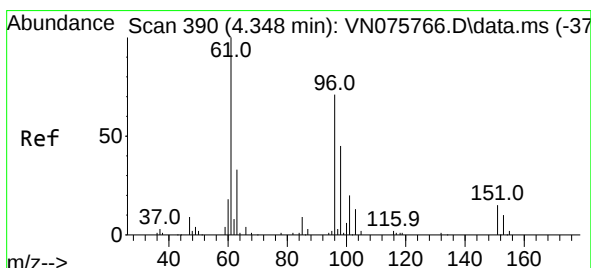
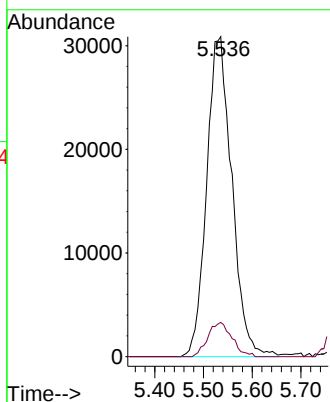
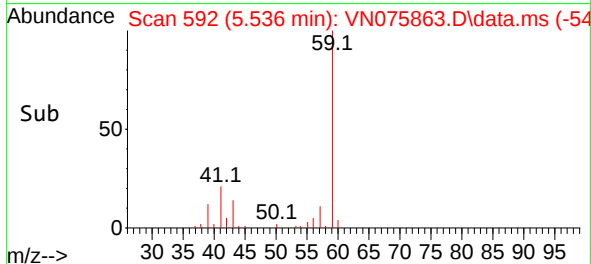
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



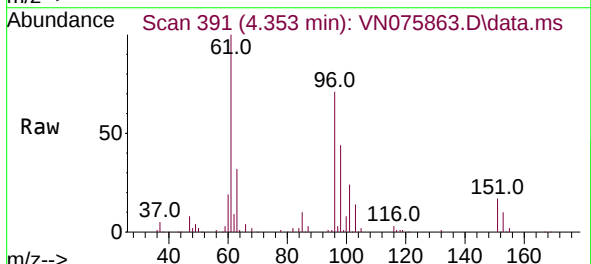
Tgt Ion: 59 Resp: 110873
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
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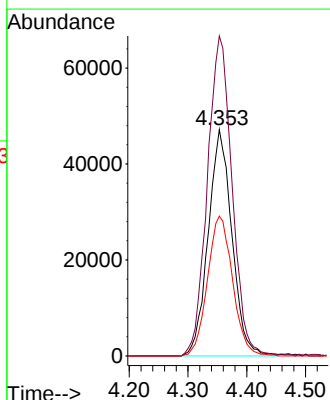
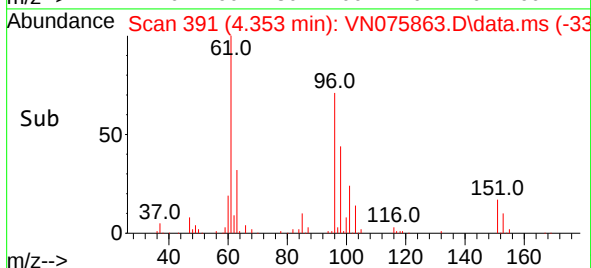
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

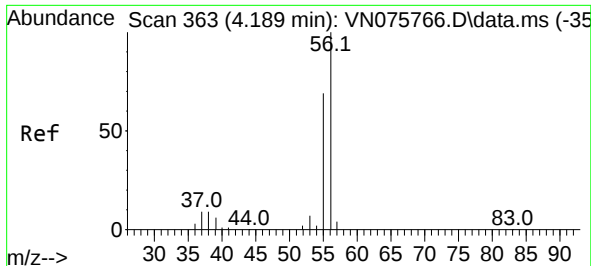


#12
1,1-Dichloroethene
Concen: 48.568 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



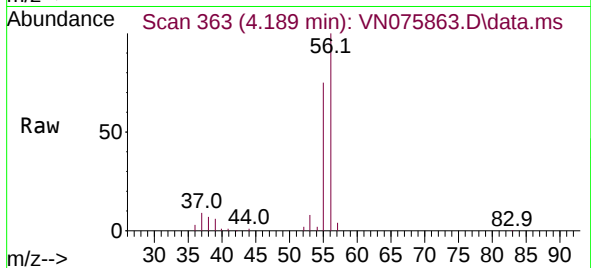
Tgt Ion: 96 Resp: 132277
Ion Ratio Lower Upper
96 100
61 141.3 113.3 169.9
98 61.7 50.9 76.3





#13
Acrolein
Concen: 293.284 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

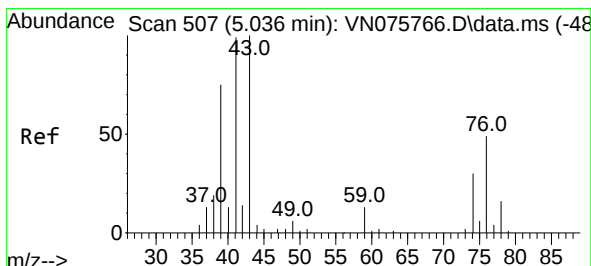
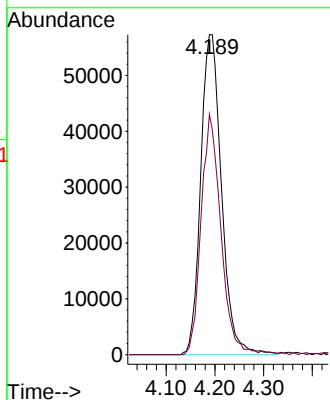
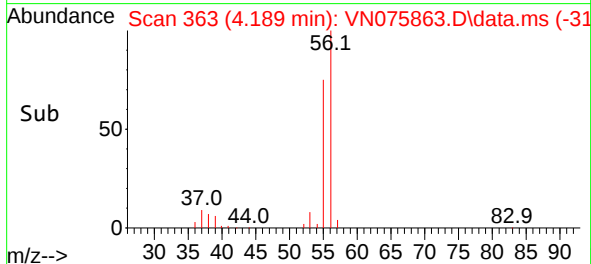
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 170087
Ion Ratio Lower Upper
56 100
55 70.7 54.8 82.2

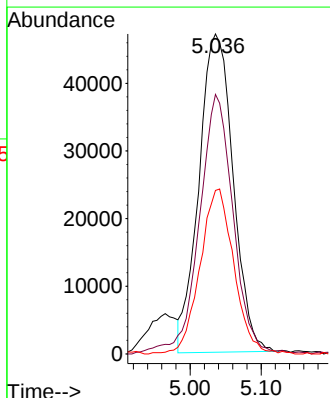
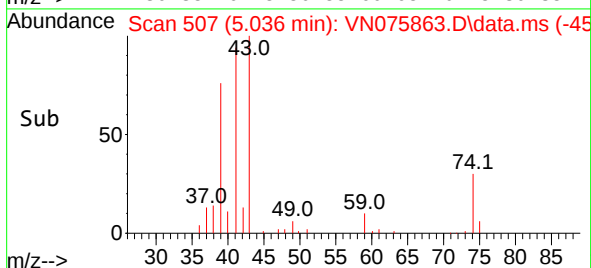
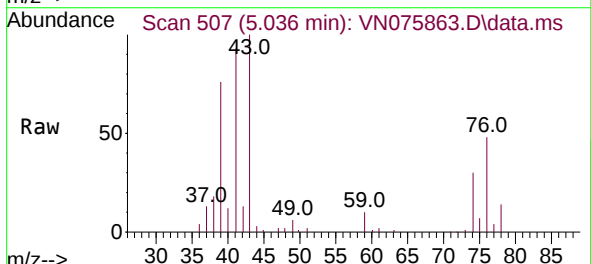
Manual Integrations
APPROVED

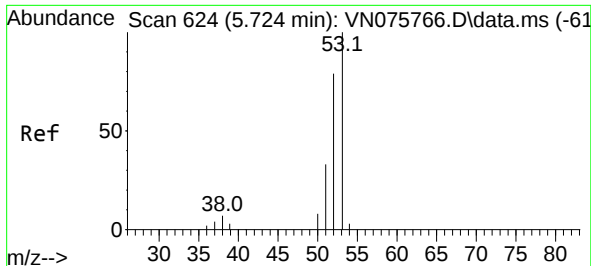
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#14
Allyl chloride
Concen: 49.435 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

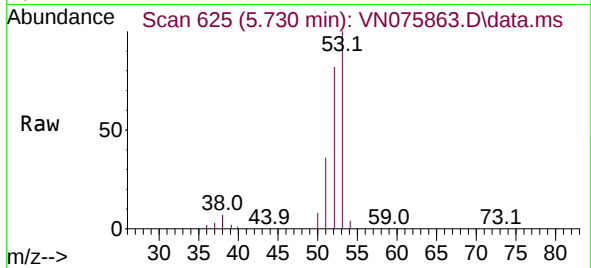
Tgt Ion: 41 Resp: 157391
Ion Ratio Lower Upper
41 100
39 80.7 58.3 87.5
76 51.3 35.8 53.6





#15
Acrylonitrile
Concen: 251.464 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

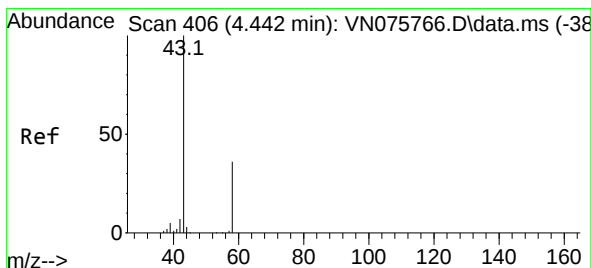
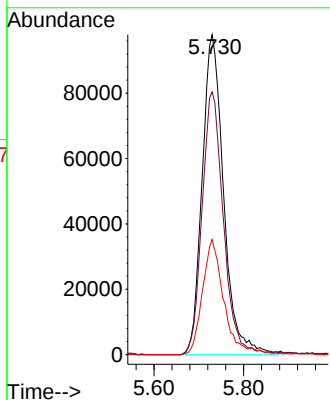
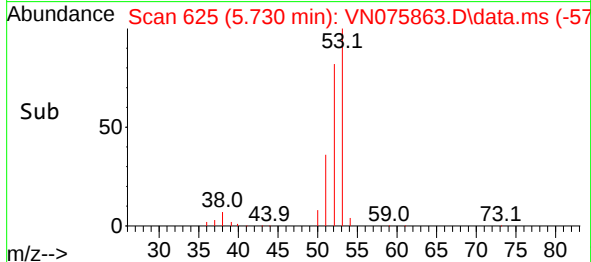
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 324619
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.0
51 35.7 28.9 43.3

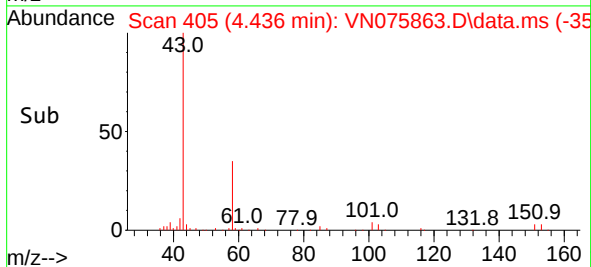
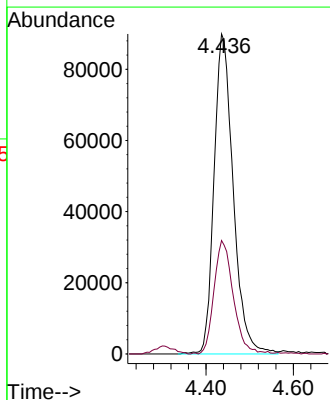
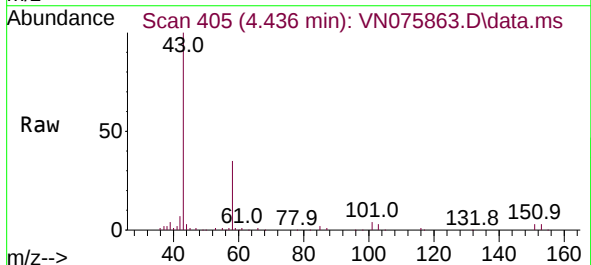
Manual Integrations
APPROVED

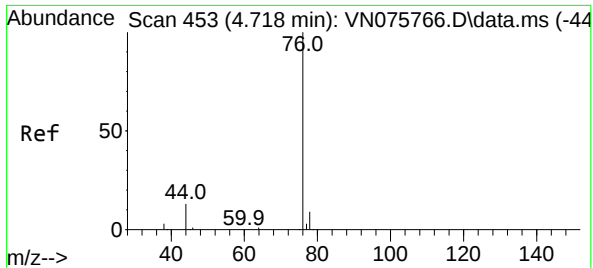
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
Acetone
Concen: 237.865 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 43 Resp: 274124
Ion Ratio Lower Upper
43 100
58 35.0 28.6 43.0





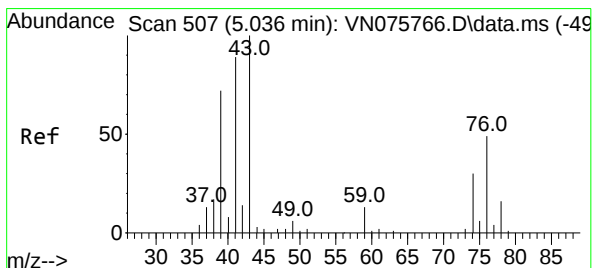
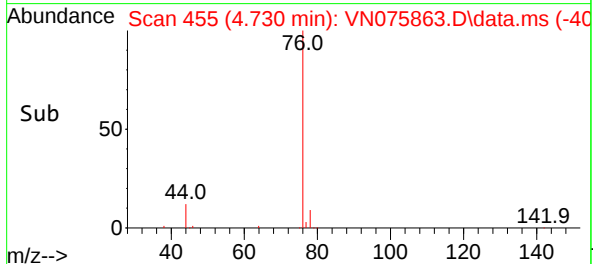
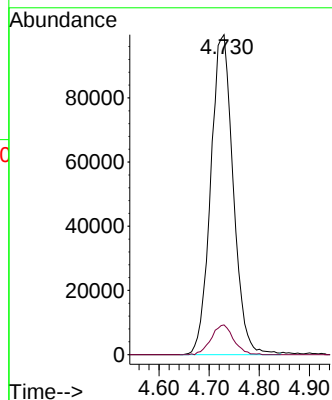
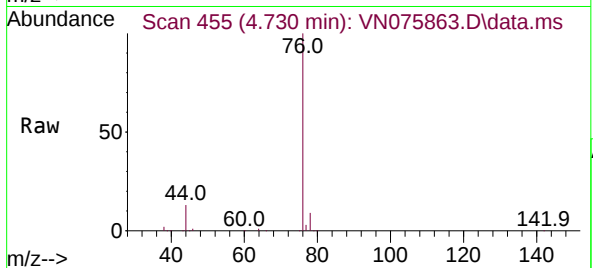
#17
Carbon Disulfide
Concen: 47.113 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.012 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 310674
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

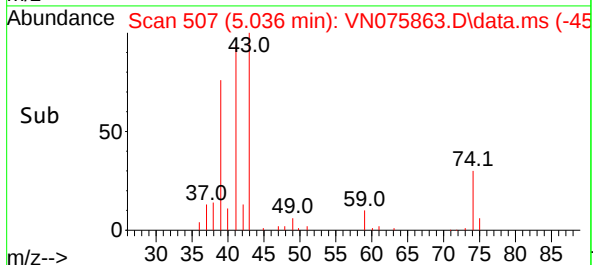
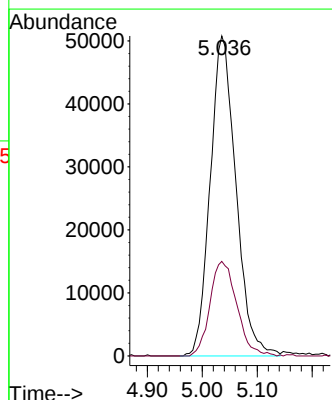
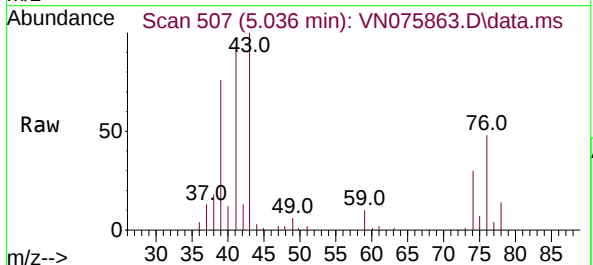
Manual Integrations
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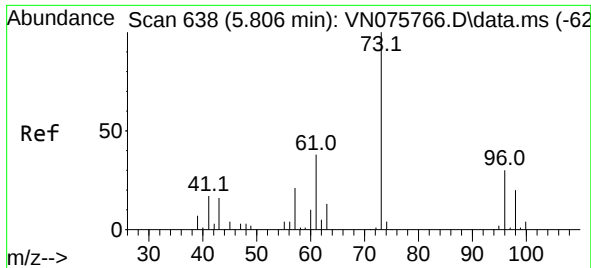
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#18
Methyl Acetate
Concen: 48.405 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 43 Resp: 164892
Ion Ratio Lower Upper
43 100
74 30.8 23.6 35.4





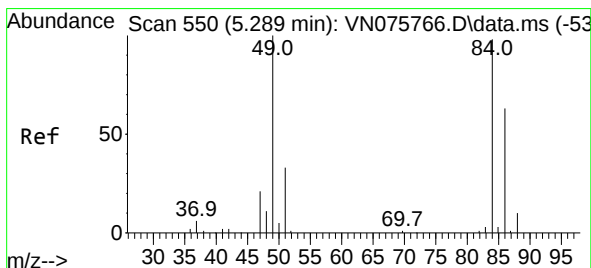
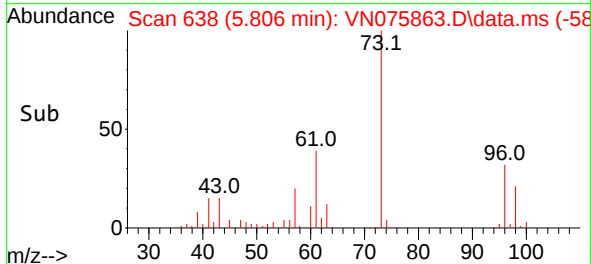
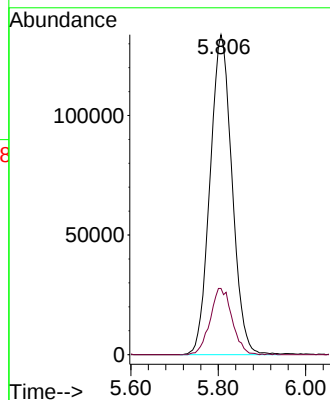
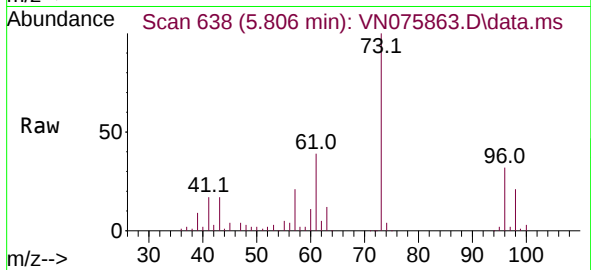
#19
Methyl tert-butyl Ether
Concen: 52.115 ug/l
RT: 5.806 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 467408
Ion Ratio Lower Upper
73 100
57 20.7 17.1 25.7

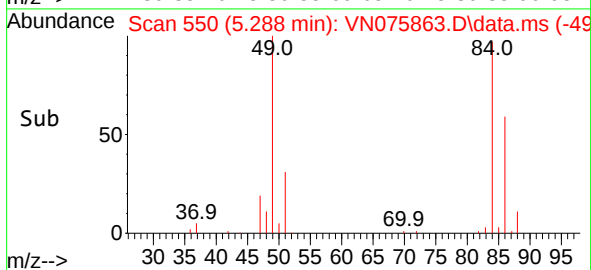
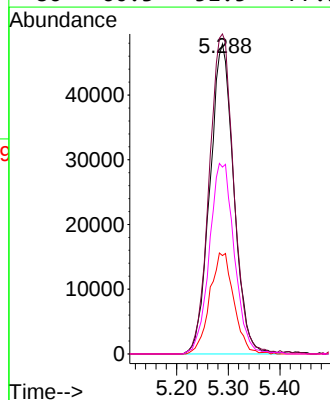
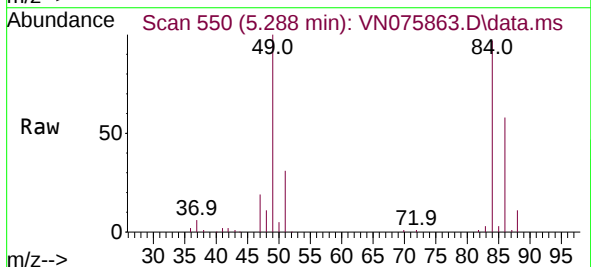
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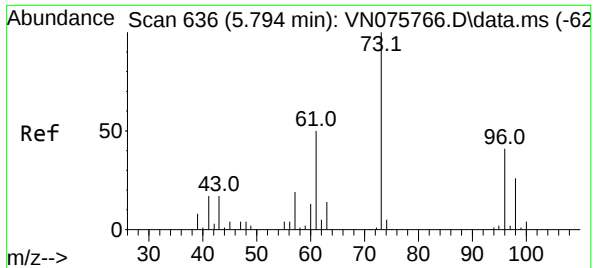
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 50.138 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 84 Resp: 154563
Ion Ratio Lower Upper
84 100
49 103.3 81.8 122.6
51 31.7 26.7 40.1
86 60.3 51.5 77.3





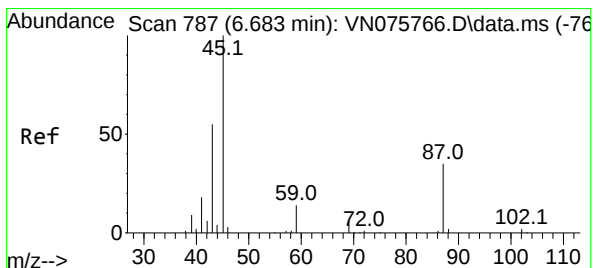
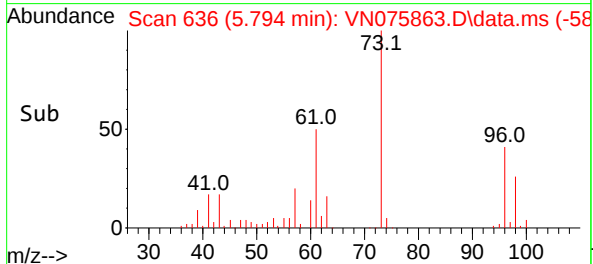
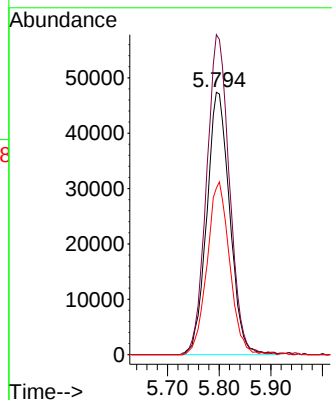
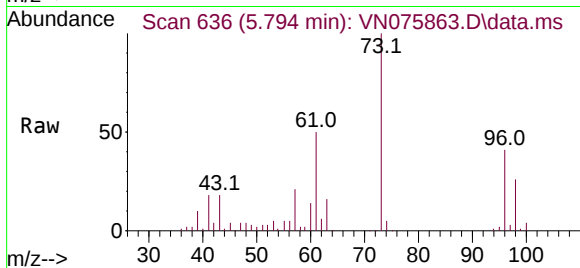
#21
trans-1,2-Dichloroethene
Concen: 49.109 ug/l
RT: 5.794 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 146479
Ion Ratio Lower Upper
96 100
61 122.0 98.1 147.1
98 63.4 51.4 77.2

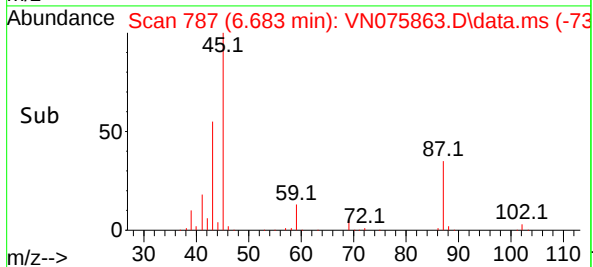
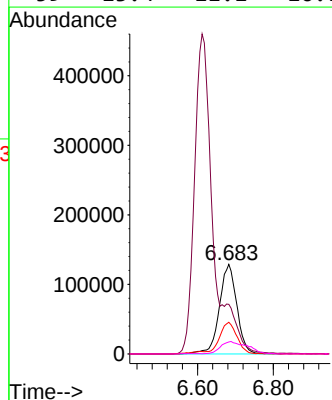
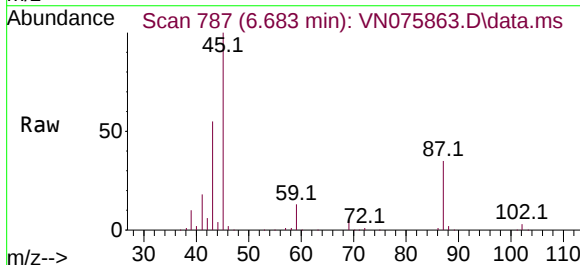
Manual Integrations
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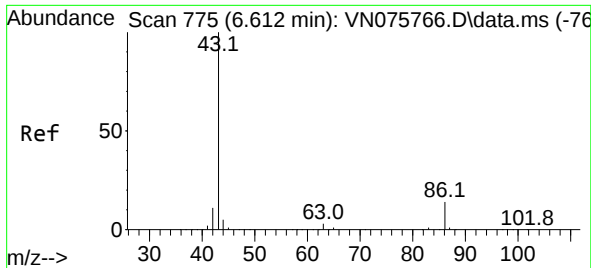
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#22
Diisopropyl ether
Concen: 53.066 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 45 Resp: 410431
Ion Ratio Lower Upper
45 100
43 54.5 44.2 66.4
87 35.4 28.3 42.5
59 13.4 11.1 16.7





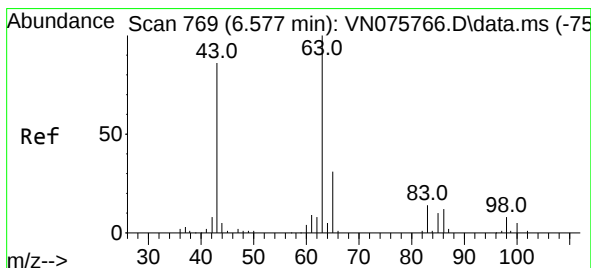
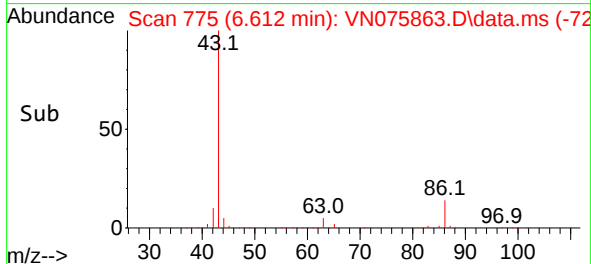
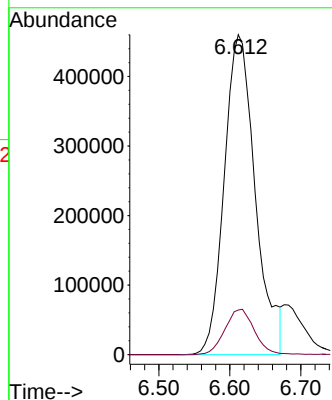
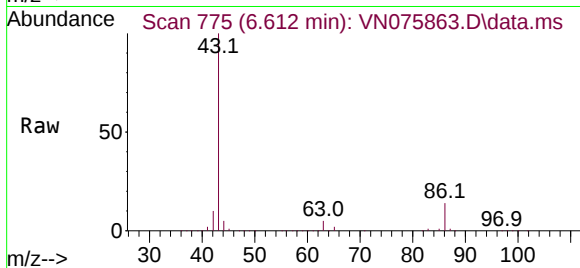
#23
 Vinyl Acetate
 Concen: 268.432 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075863.D
 Acq: 19 Dec 2022 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1397393
 Ion Ratio Lower Upper
 43 100
 86 13.9 11.4 17.2

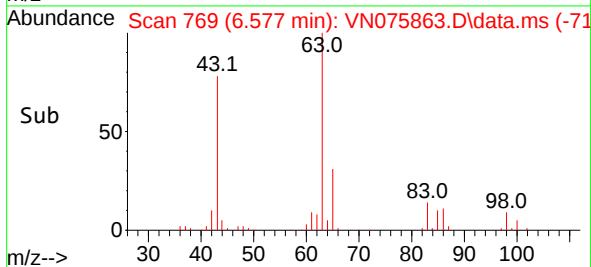
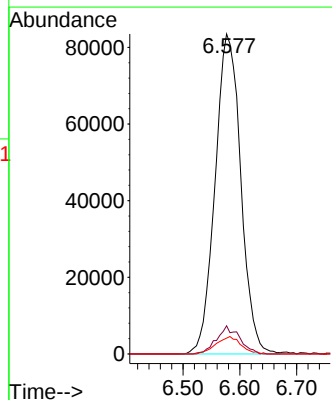
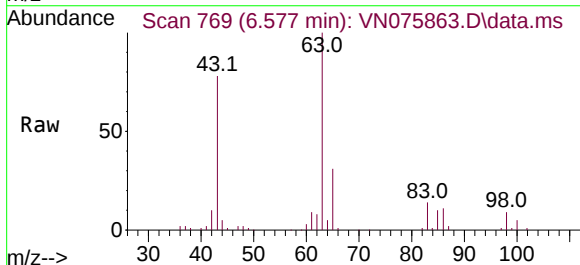
Manual Integrations
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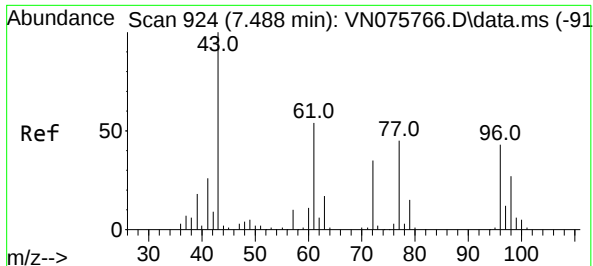
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#24
 1,1-Dichloroethane
 Concen: 50.753 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075863.D
 Acq: 19 Dec 2022 11:49

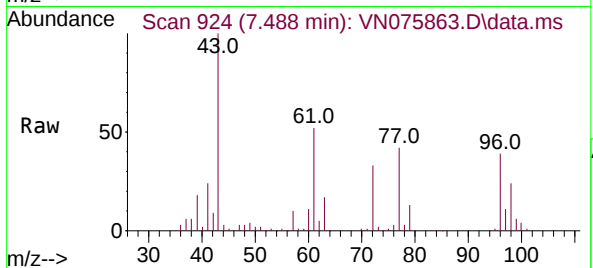
Tgt Ion: 63 Resp: 261790
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.5
 100 4.9 2.5 7.6





#25
2-Butanone
Concen: 255.875 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

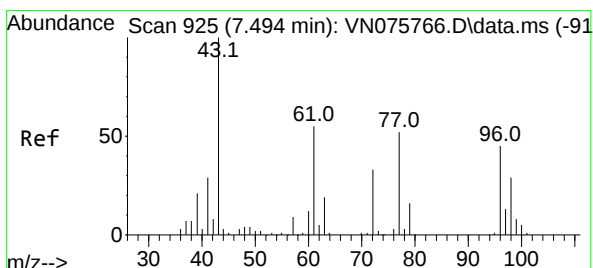
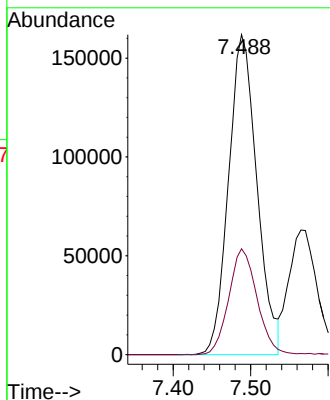
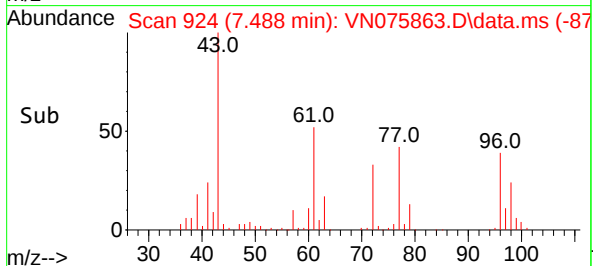
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



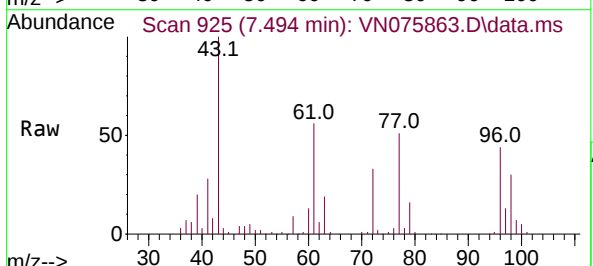
Tgt Ion: 43 Resp: 412886
Ion Ratio Lower Upper
43 100
72 33.1 28.0 42.0

Manual Integrations
APPROVED

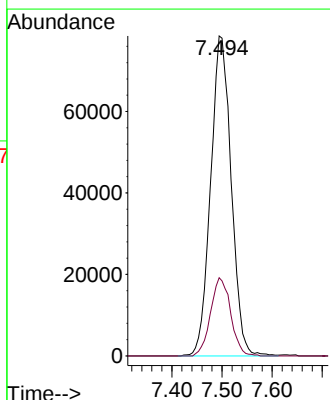
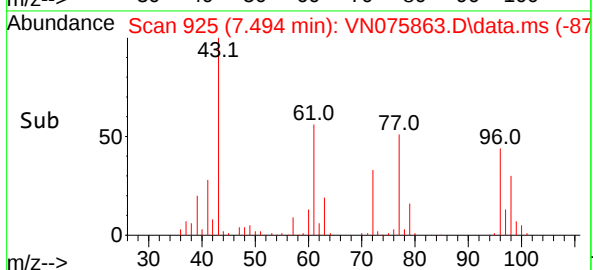
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

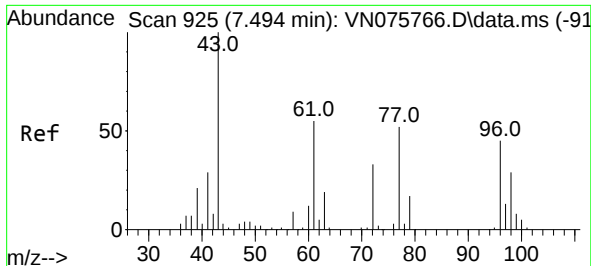


#26
2,2-Dichloropropane
Concen: 51.202 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



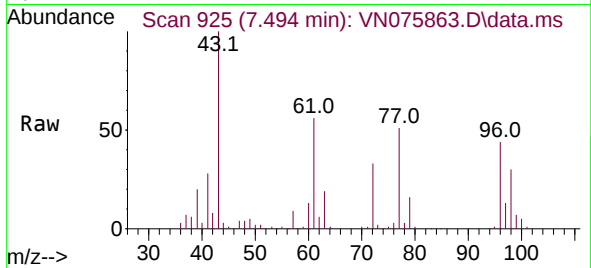
Tgt Ion: 77 Resp: 223659
Ion Ratio Lower Upper
77 100
97 23.8 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 50.362 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN075863.D
 Acq: 19 Dec 2022 11:49

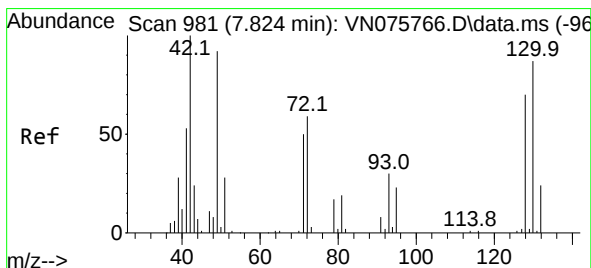
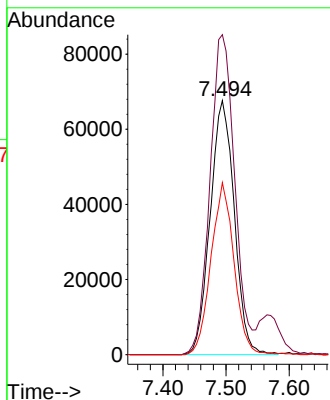
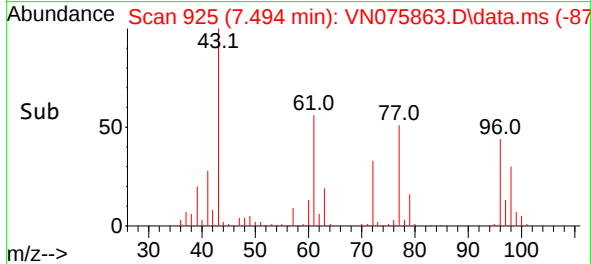
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 179652
 Ion Ratio Lower Upper
 96 100
 61 128.4 0.0 247.8
 98 64.8 0.0 128.4

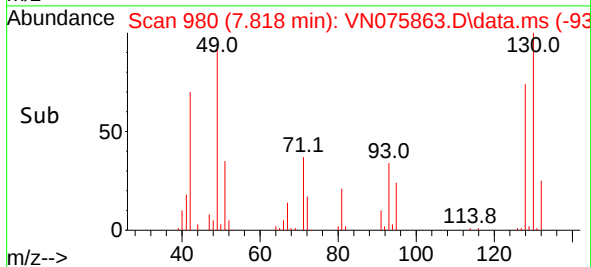
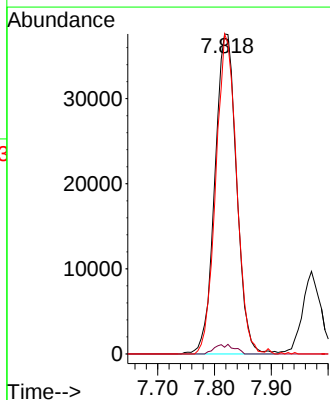
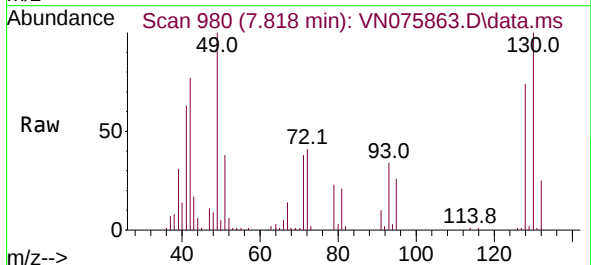
Manual Integrations
 APPROVED

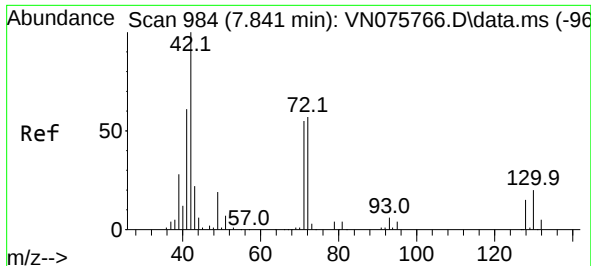
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#28
 Bromochloromethane
 Concen: 44.157 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN075863.D
 Acq: 19 Dec 2022 11:49

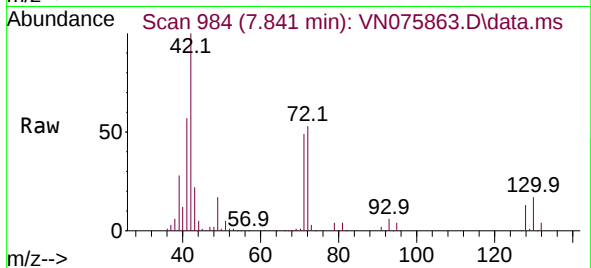
Tgt Ion: 49 Resp: 99831
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 95.1 77.0 115.4





#29
Tetrahydrofuran
Concen: 261.772 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

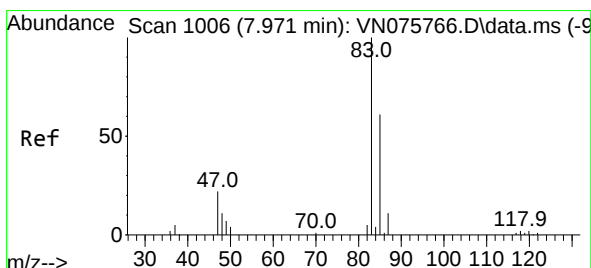
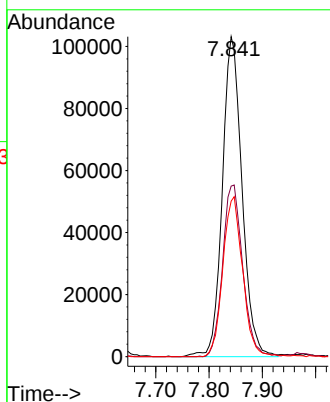
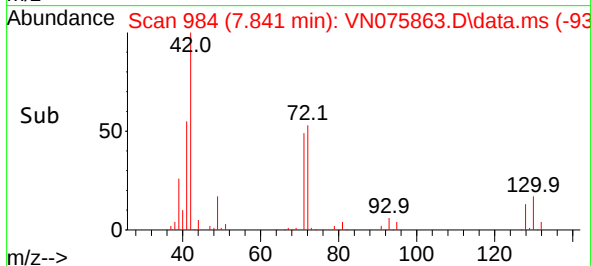
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



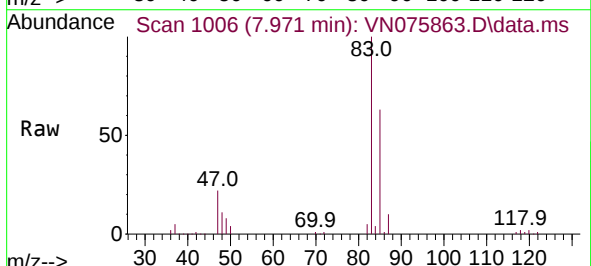
Tgt Ion: 42 Resp: 264708
Ion Ratio Lower Upper
42 100
72 54.7 44.5 66.7
71 50.3 41.0 61.6

Manual Integrations
APPROVED

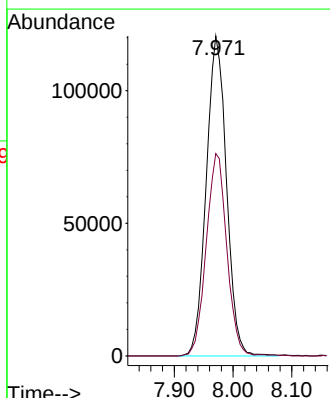
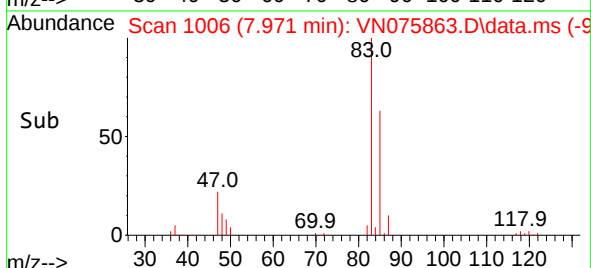
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

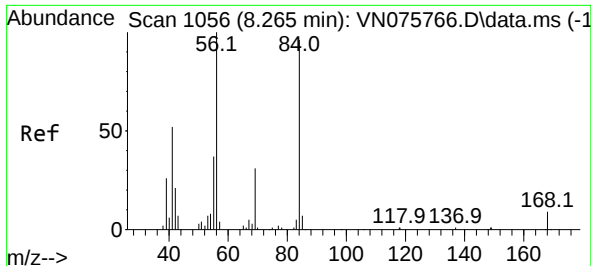


#30
Chloroform
Concen: 49.611 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



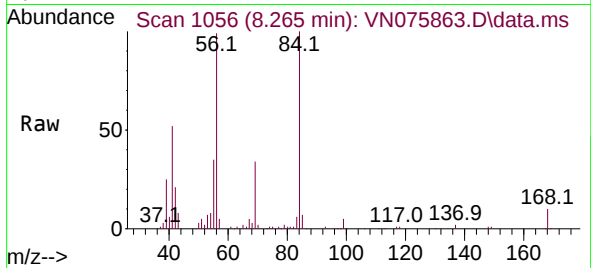
Tgt Ion: 83 Resp: 288119
Ion Ratio Lower Upper
83 100
85 63.2 49.1 73.7





#31
Cyclohexane
Concen: 46.497 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

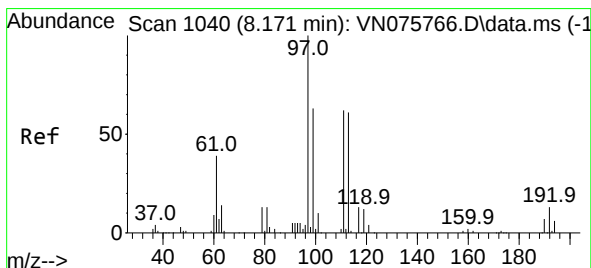
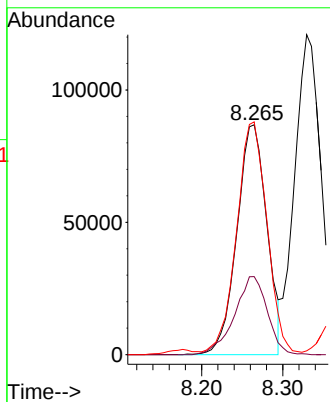
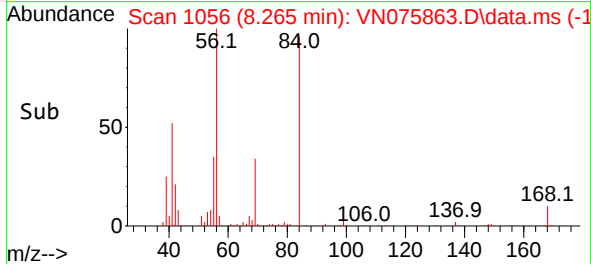
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



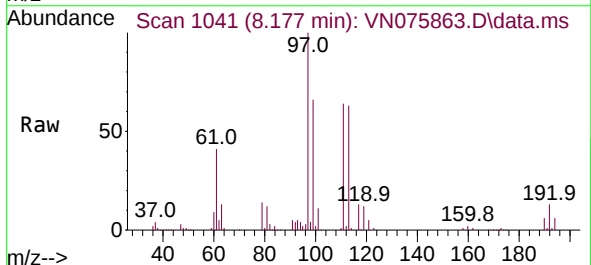
Tgt Ion: 56 Resp: 222626
Ion Ratio Lower Upper
56 100
69 33.9 24.7 37.1
84 99.4 76.5 114.7

Manual Integrations
APPROVED

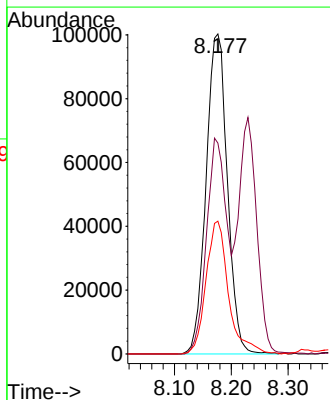
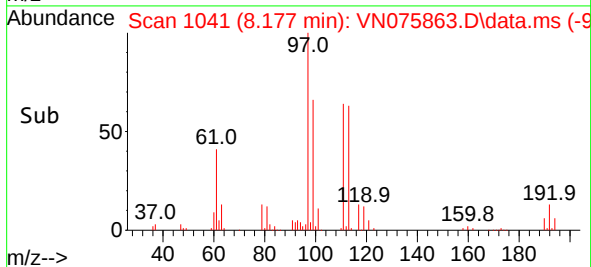
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

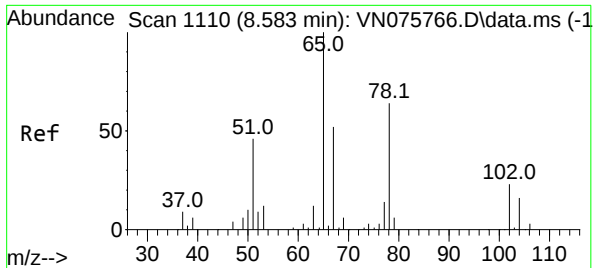


#32
1,1,1-Trichloroethane
Concen: 50.684 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



Tgt Ion: 97 Resp: 260961
Ion Ratio Lower Upper
97 100
99 63.8 50.2 75.2
61 43.8 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 52.018 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 173902

Ion Ratio Lower Upper

65 100

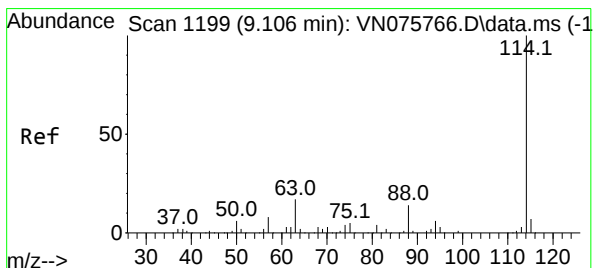
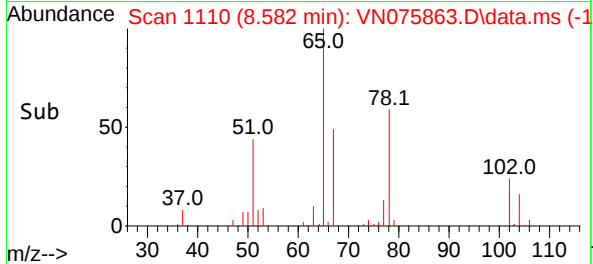
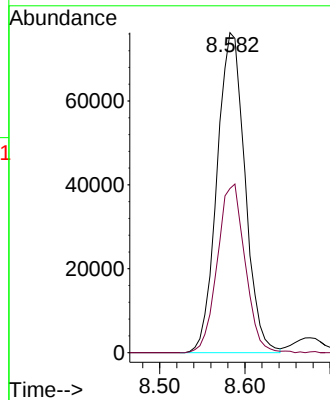
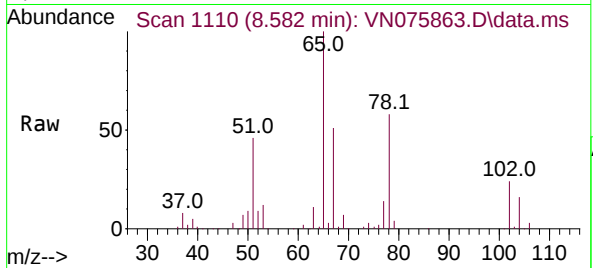
67 52.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

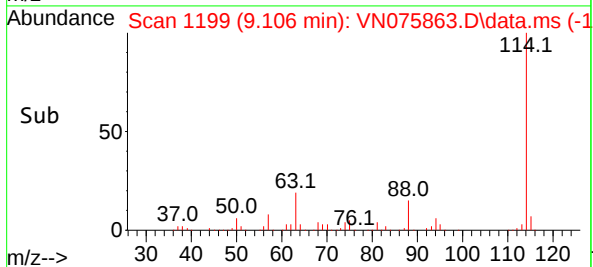
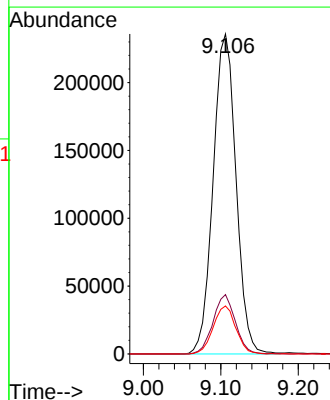
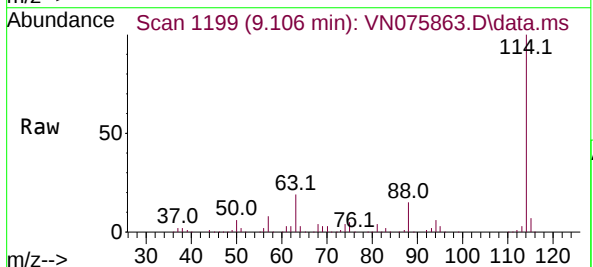
Tgt Ion:114 Resp: 484047

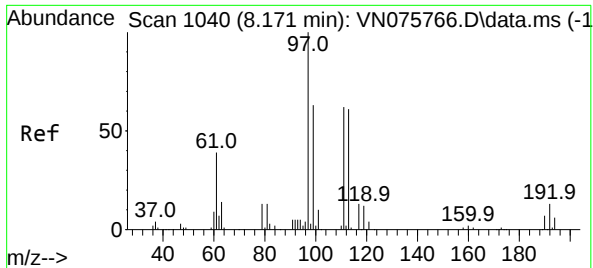
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.4

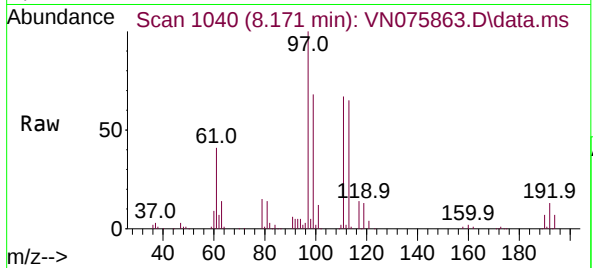
88 15.0 0.0 28.8





#35
Dibromofluoromethane
Concen: 52.791 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

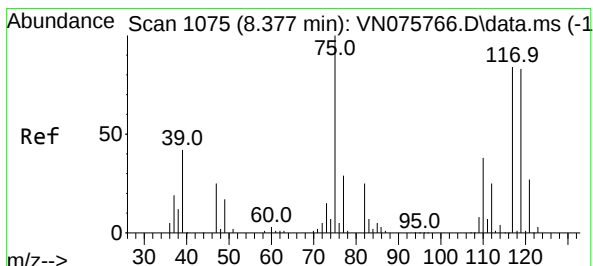
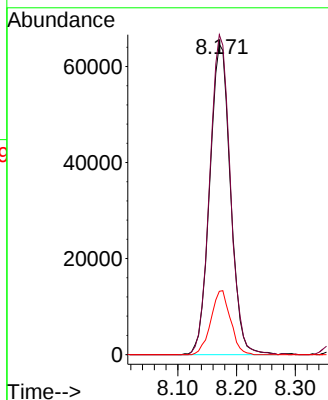
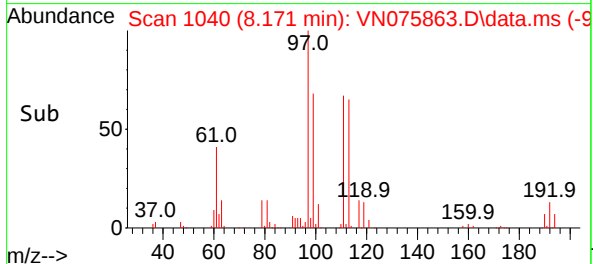
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



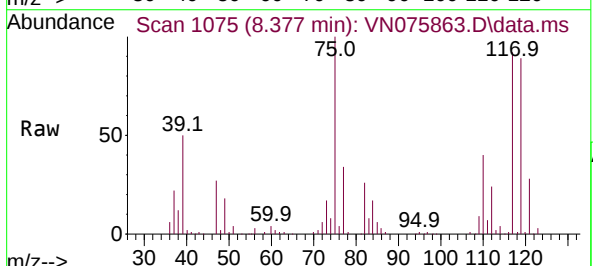
Tgt Ion: 113 Resp: 15824
Ion Ratio Lower Upper
113 100
111 102.3 83.4 125.2
192 19.4 16.1 24.1

Manual Integrations
APPROVED

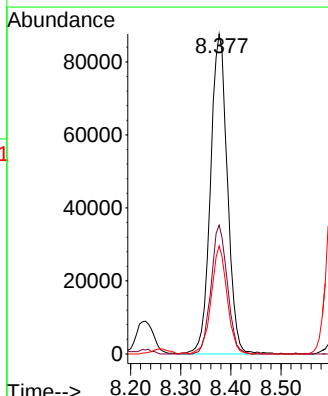
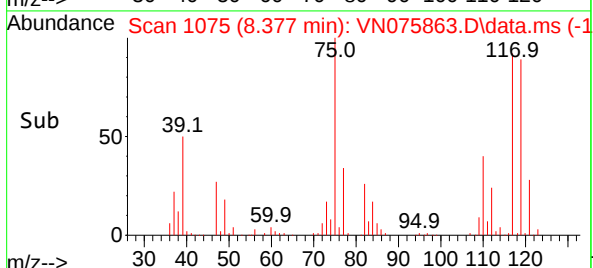
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

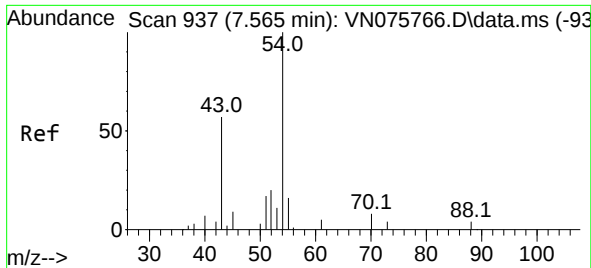


#36
1,1-Dichloropropene
Concen: 51.386 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



Tgt Ion: 75 Resp: 204620
Ion Ratio Lower Upper
75 100
110 38.8 18.8 56.4
77 31.8 24.1 36.1





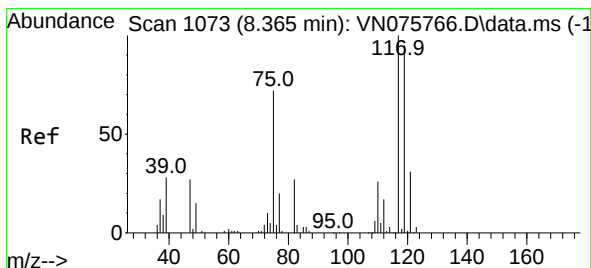
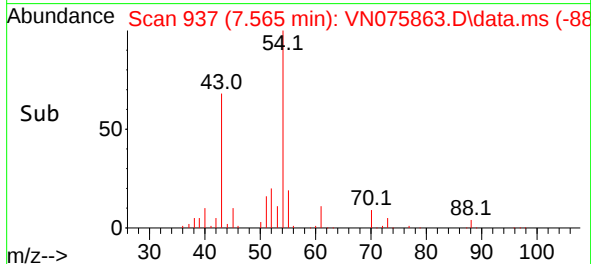
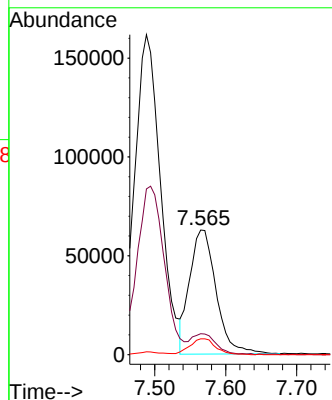
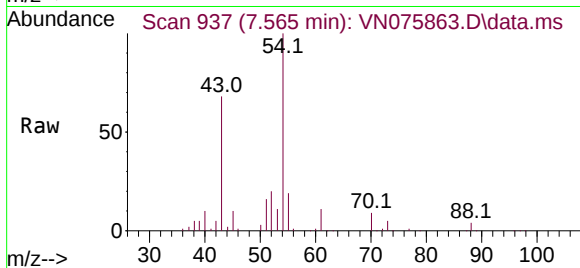
#37
Ethyl Acetate
Concen: 50.854 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 162659
Ion Ratio Lower Upper
43 100
61 15.1 13.0 19.4
70 12.3 9.4 14.0

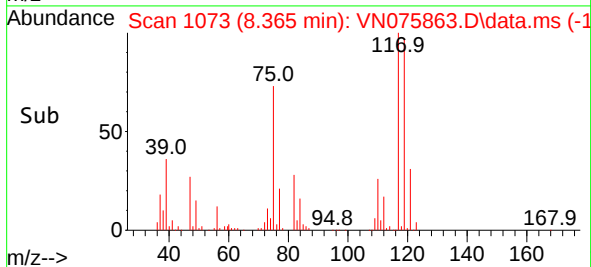
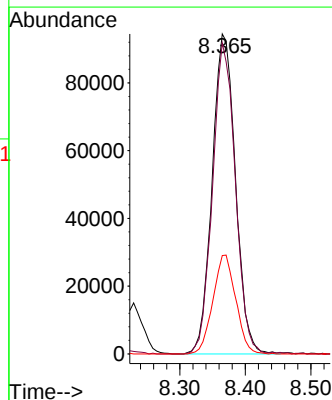
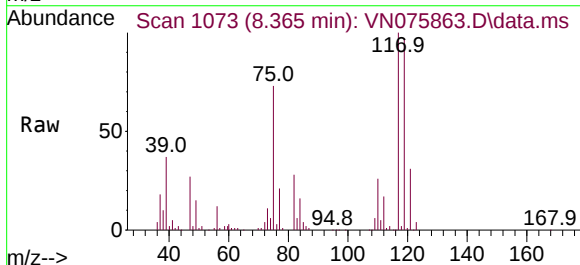
Manual Integrations
APPROVED

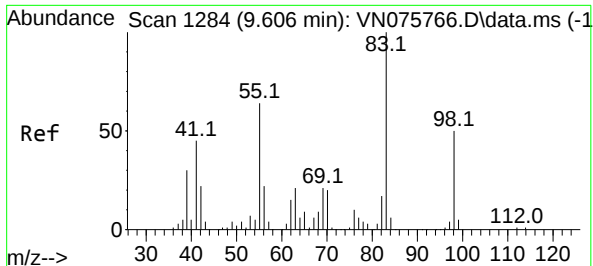
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#38
Carbon Tetrachloride
Concen: 52.406 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion:117 Resp: 233562
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1
121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 55.698 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 267579

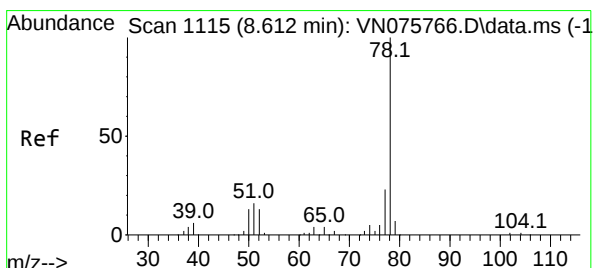
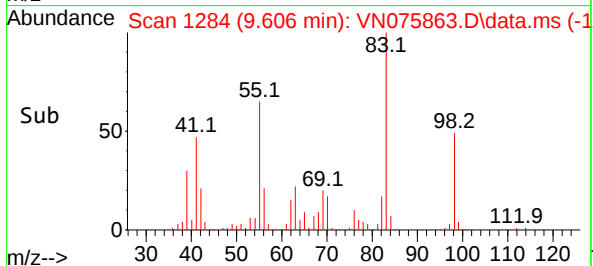
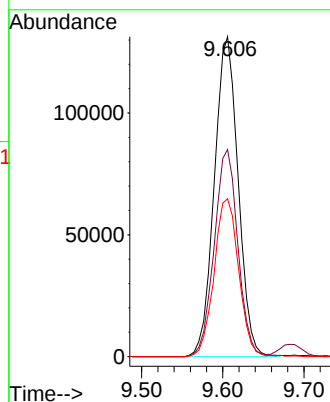
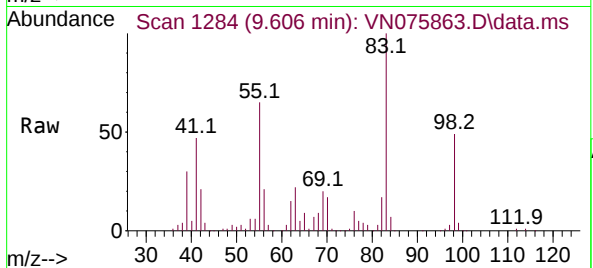
Ion	Ratio	Lower	Upper
83	100		
55	64.7	51.4	77.0
98	49.3	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#40

Benzene

Concen: 51.583 ug/l

RT: 8.612 min Scan# 1115

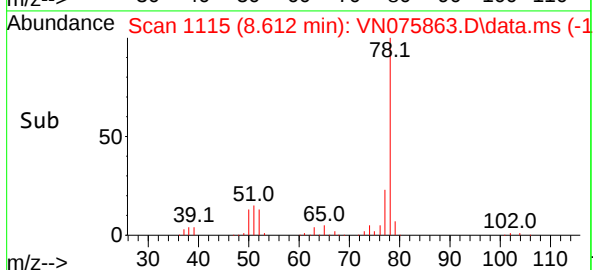
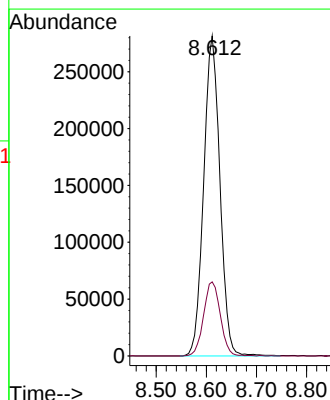
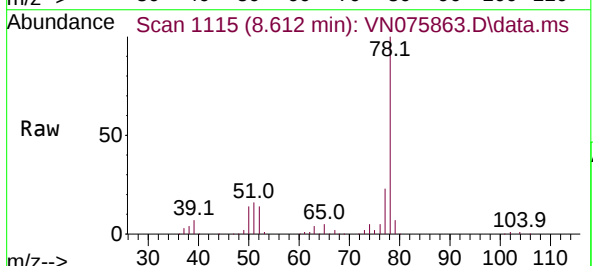
Delta R.T. -0.000 min

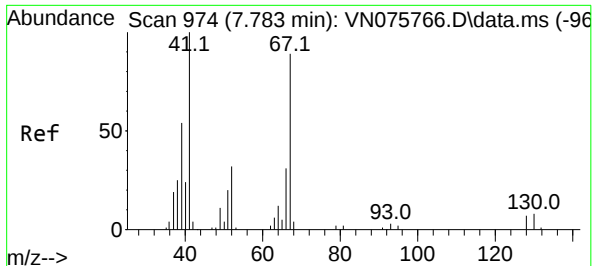
Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Tgt Ion: 78 Resp: 633747

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.5	27.7





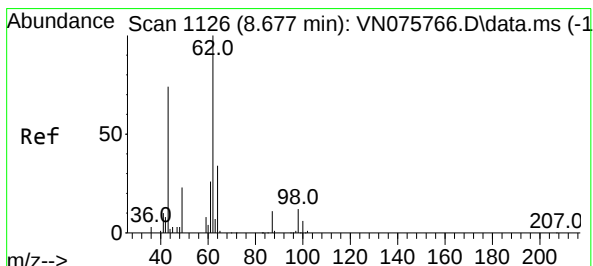
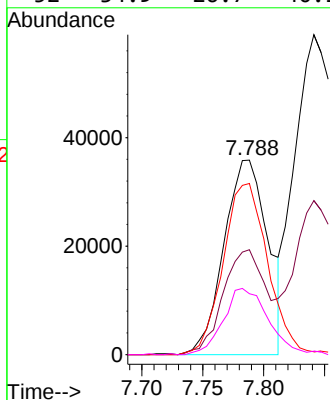
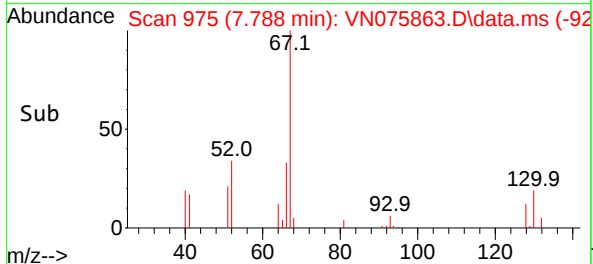
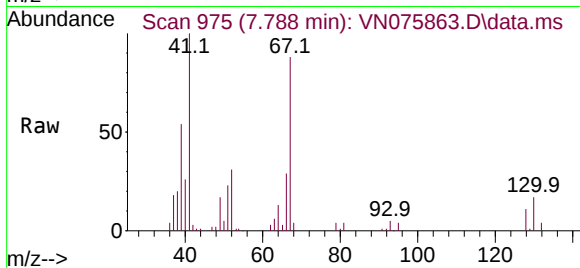
#41
Methacrylonitrile
Concen: 54.104 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 89953
Ion Ratio Lower Upper
41 100
39 50.8 43.1 64.7
67 90.1 70.7 106.1
52 34.9 26.7 40.1

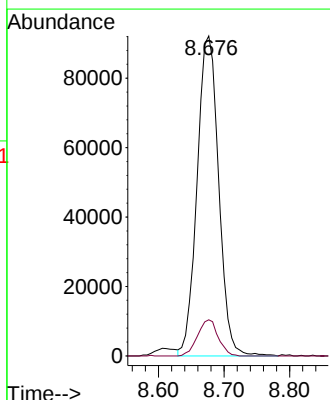
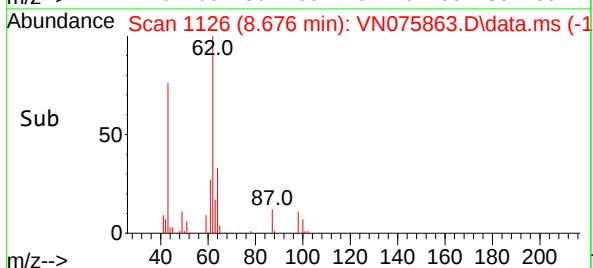
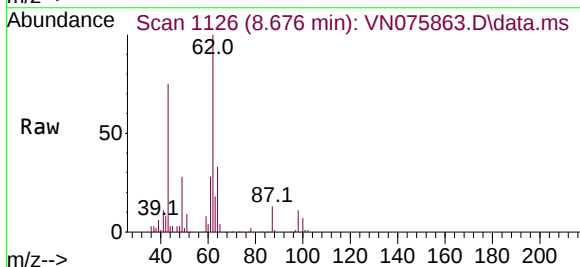
Manual Integrations
APPROVED

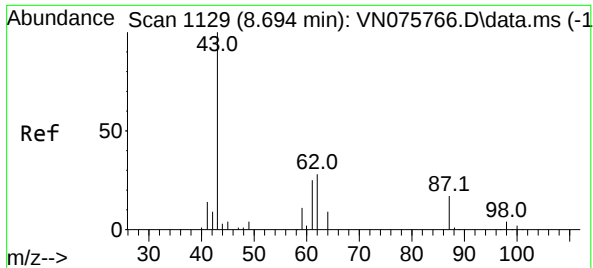
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#42
1,2-Dichloroethane
Concen: 51.505 ug/l
RT: 8.676 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 62 Resp: 210375
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.8





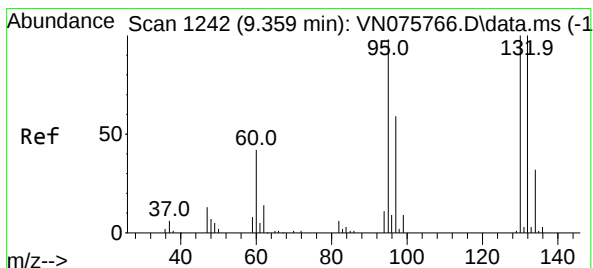
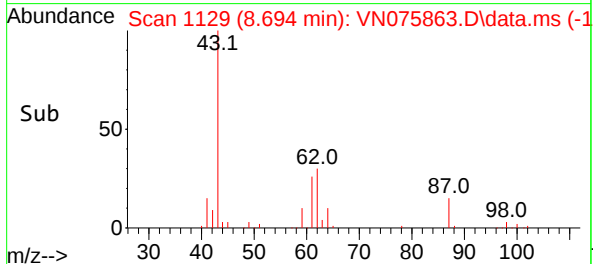
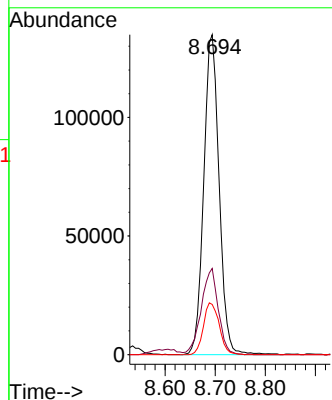
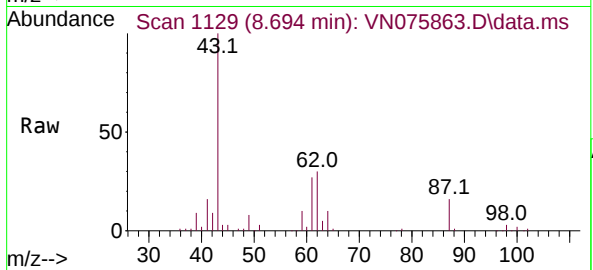
#43
Isopropyl Acetate
Concen: 54.485 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 287478
Ion Ratio Lower Upper
43 100
61 29.8 24.2 36.4
87 16.6 13.3 19.9

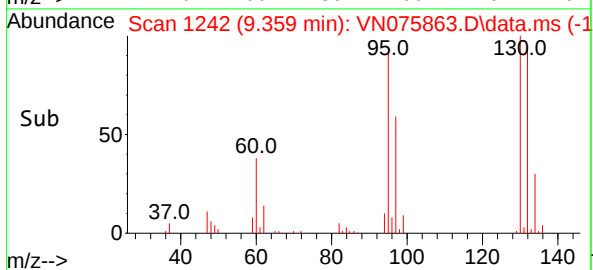
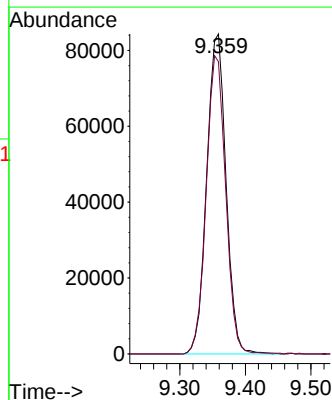
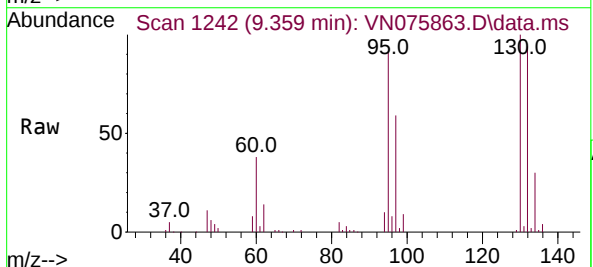
Manual Integrations
APPROVED

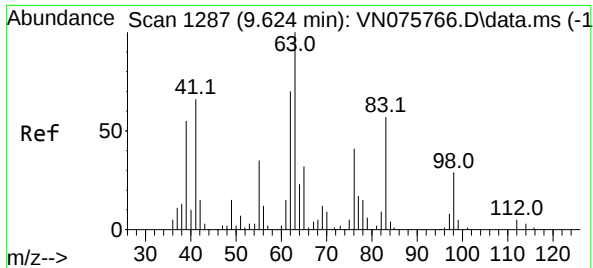
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#44
Trichloroethene
Concen: 49.865 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion:130 Resp: 172592
Ion Ratio Lower Upper
130 100
95 91.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 50.855 ug/l

RT: 9.623 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 152044

Ion Ratio Lower Upper

63 100

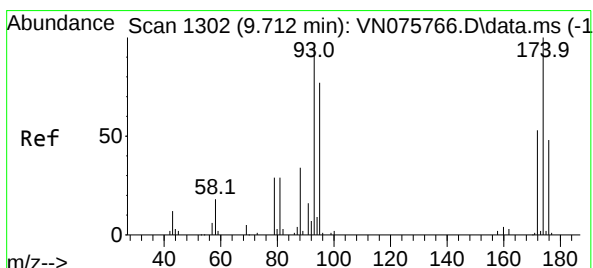
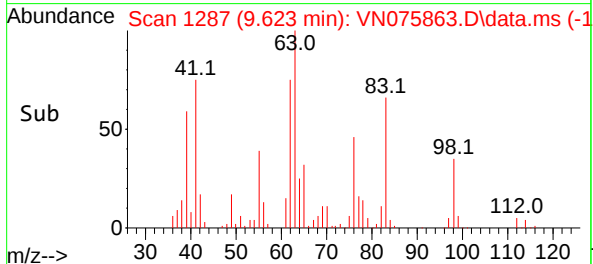
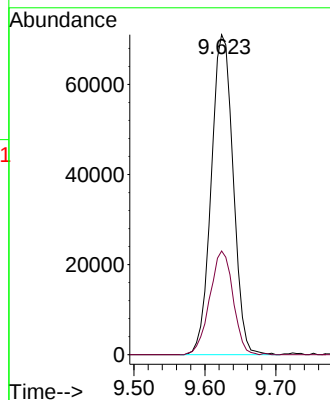
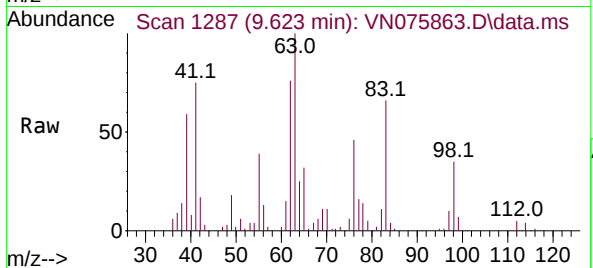
65 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

Dibromomethane

Concen: 50.884 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

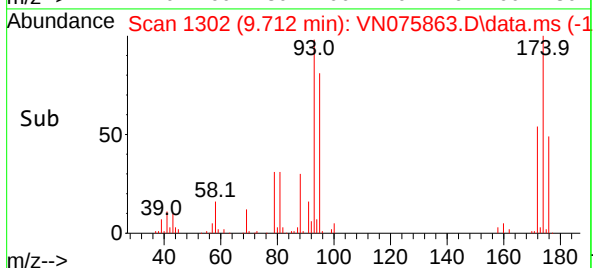
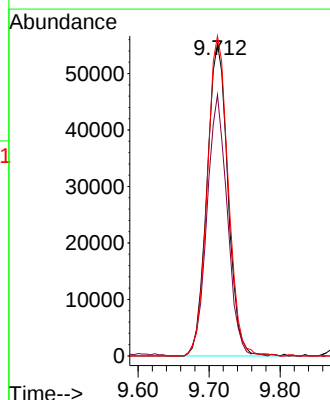
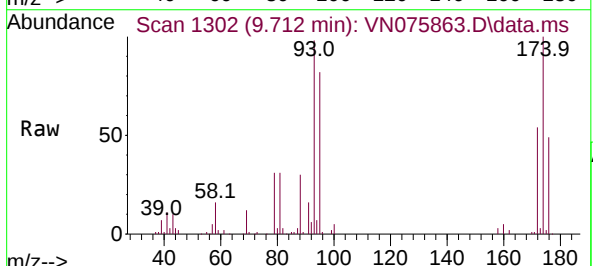
Tgt Ion: 93 Resp: 112836

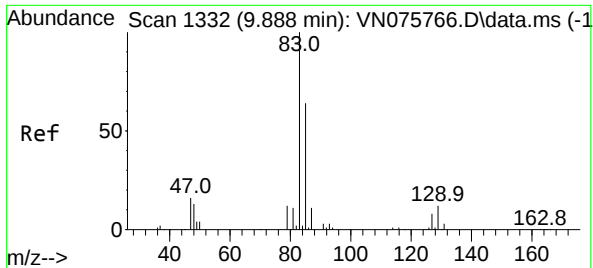
Ion Ratio Lower Upper

93 100

95 81.2 65.2 97.8

174 102.6 82.4 123.6





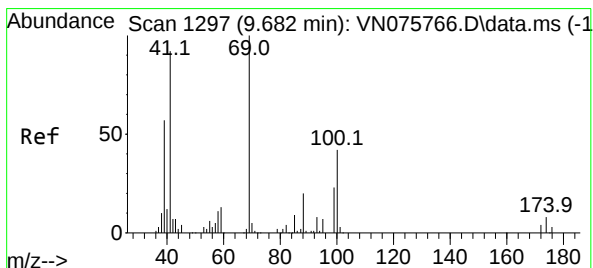
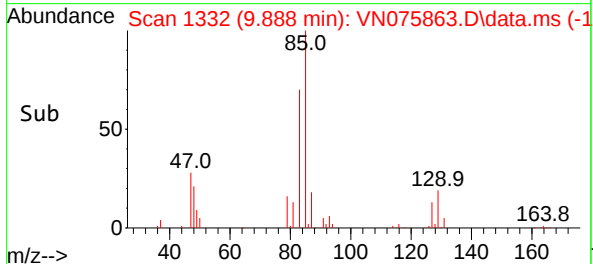
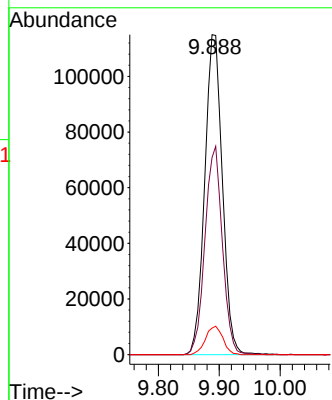
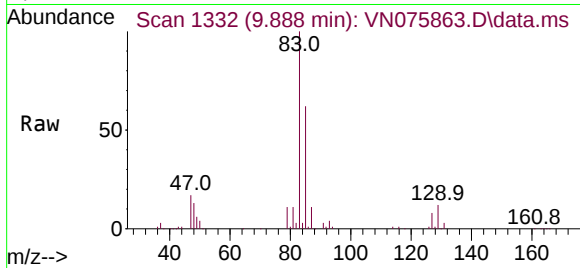
#47
Bromodichloromethane
Concen: 53.210 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 231389
Ion Ratio Lower Upper
83 100
85 61.6 51.5 77.3
127 8.3 6.6 10.0

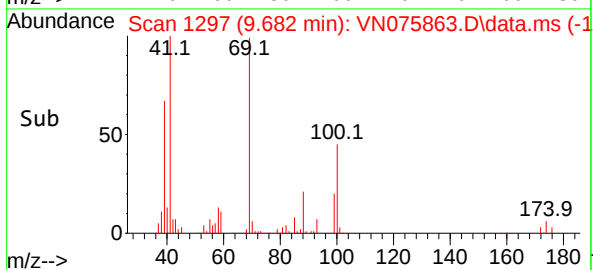
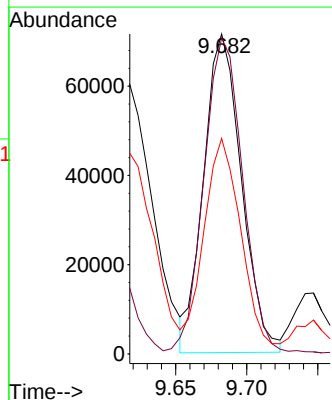
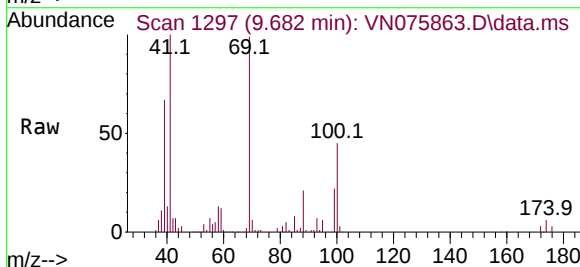
Manual Integrations
APPROVED

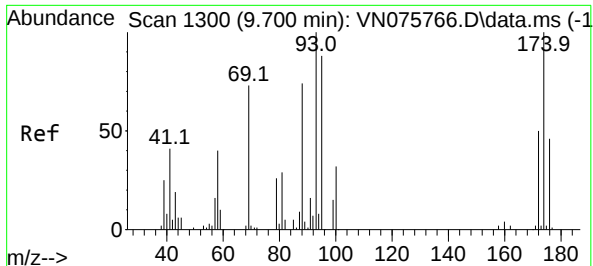
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#48
Methyl methacrylate
Concen: 55.720 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 41 Resp: 132414
Ion Ratio Lower Upper
41 100
69 102.1 81.9 122.9
39 67.1 51.6 77.4





#49

1,4-Dioxane

Concen: 1034.353 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 60429

Ion Ratio Lower Upper

88 100

43 21.8 17.1 25.7

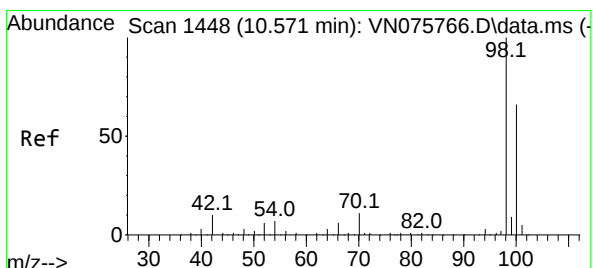
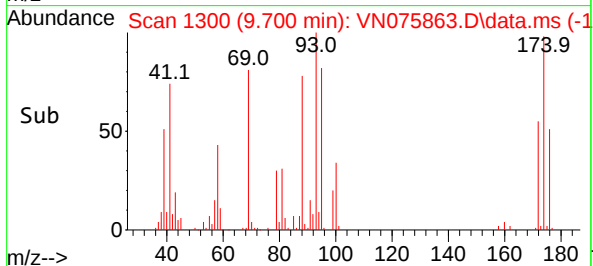
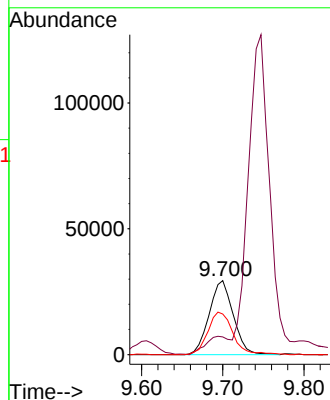
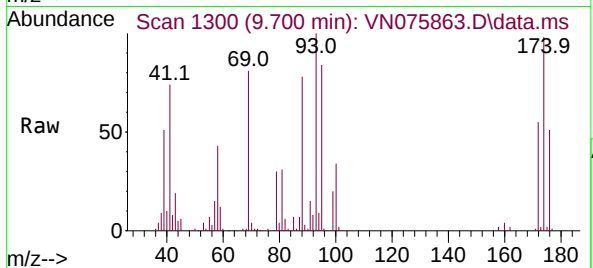
58 60.0 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

Toluene-d8

Concen: 53.014 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075863.D

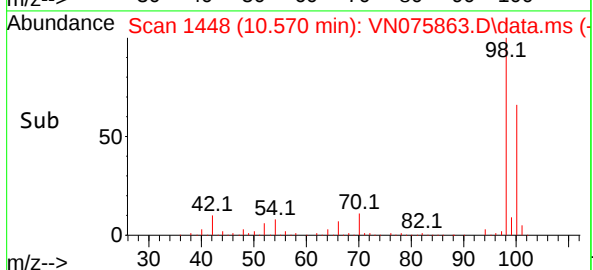
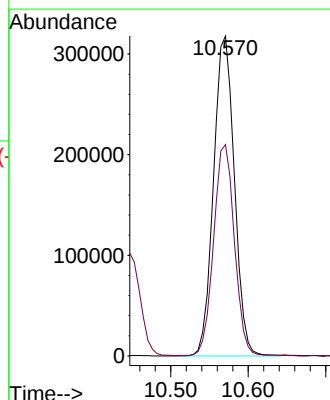
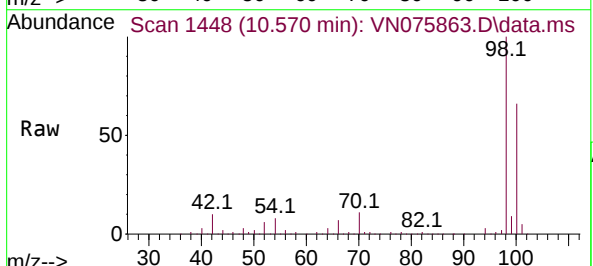
Acq: 19 Dec 2022 11:49

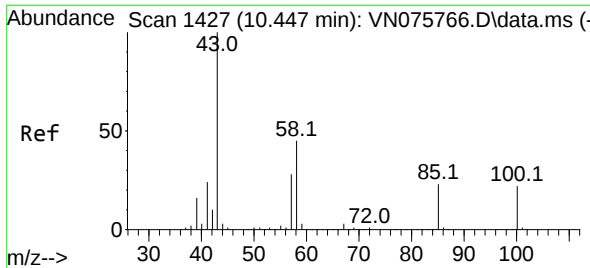
Tgt Ion: 98 Resp: 594170

Ion Ratio Lower Upper

98 100

100 66.1 52.1 78.1





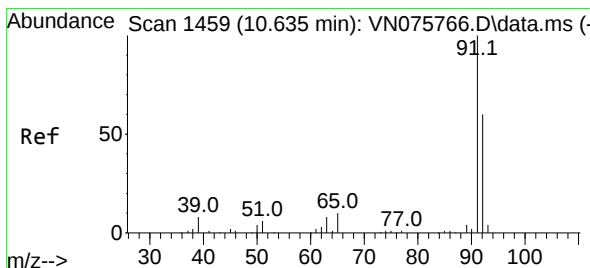
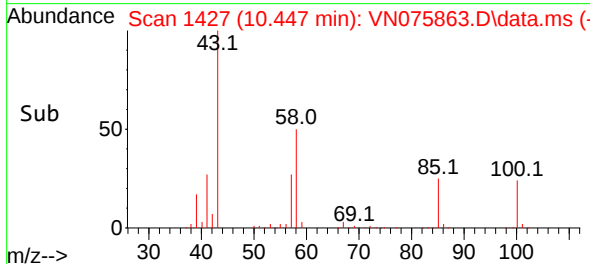
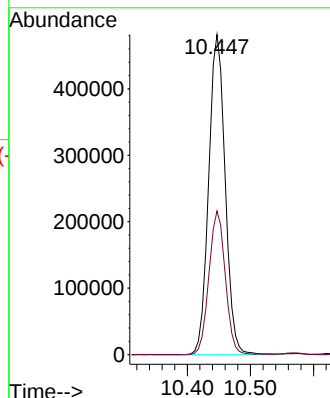
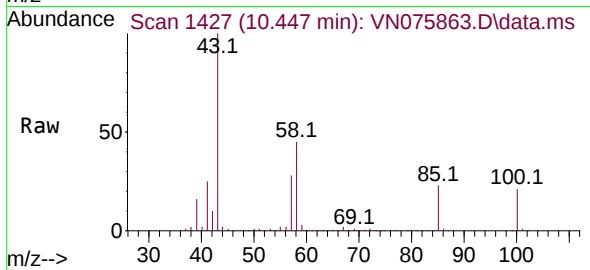
#51
4-Methyl-2-Pentanone
Concen: 274.089 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 874581
Ion Ratio Lower Upper
43 100
58 44.5 35.5 53.3

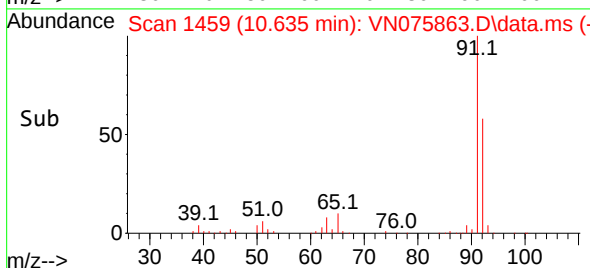
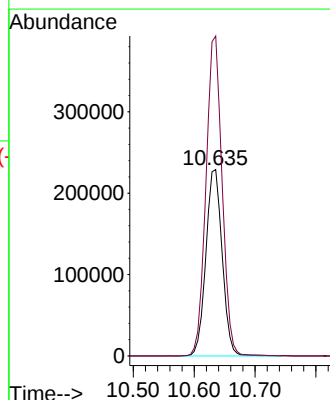
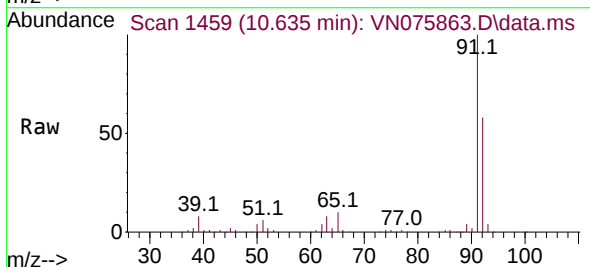
Manual Integrations
APPROVED

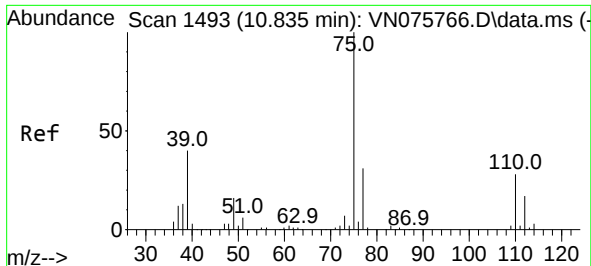
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Toluene
Concen: 53.044 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 92 Resp: 424433
Ion Ratio Lower Upper
92 100
91 170.3 137.3 205.9





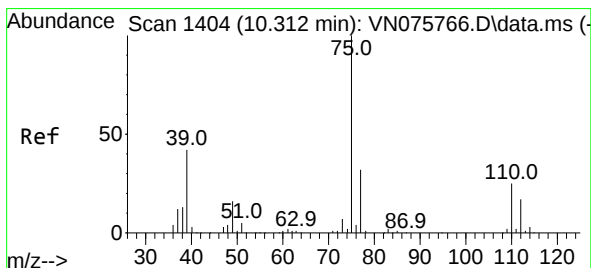
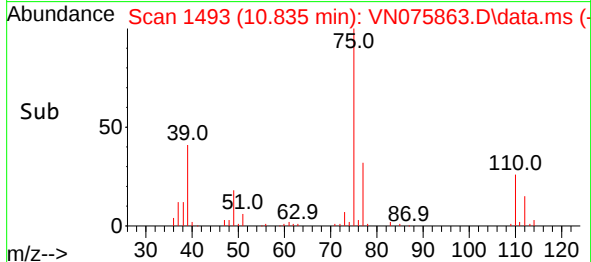
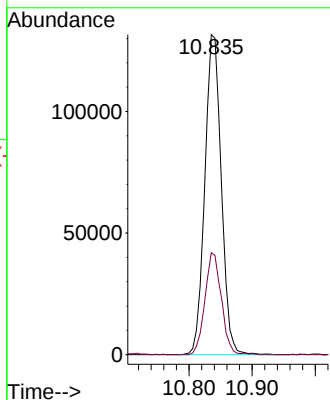
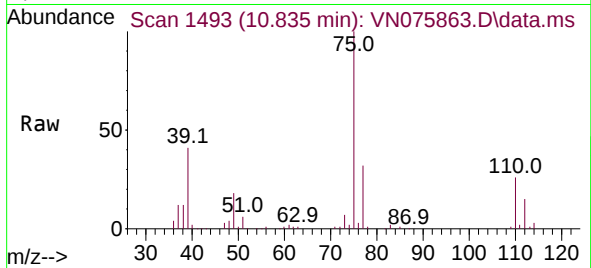
#53
t-1,3-Dichloropropene
Concen: 56.001 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 238384
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3

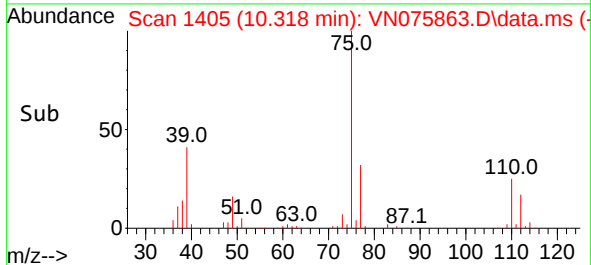
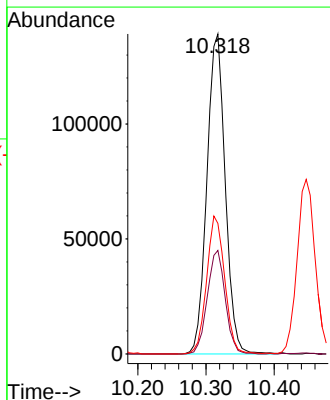
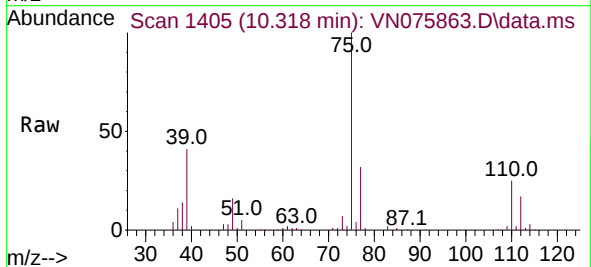
Manual Integrations
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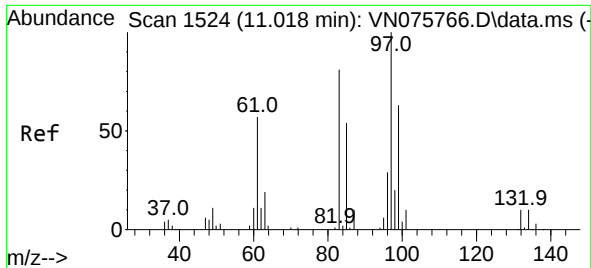
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#54
cis-1,3-Dichloropropene
Concen: 55.535 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 75 Resp: 259556
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
39 40.8 33.4 50.2





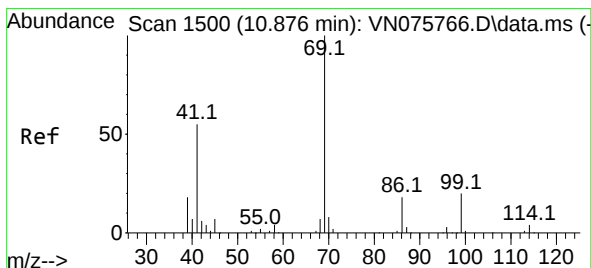
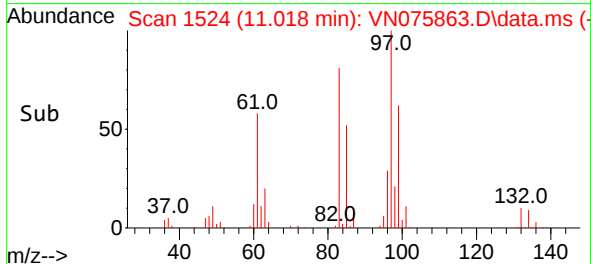
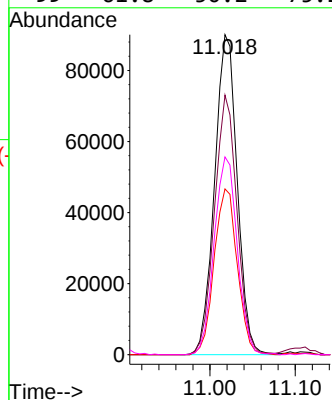
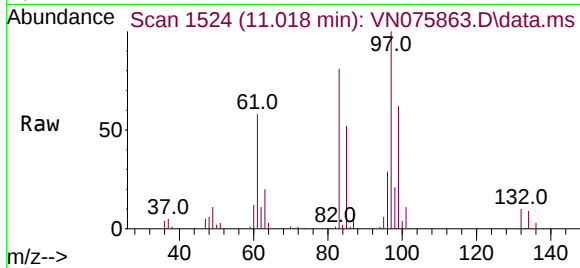
#55
1,1,2-Trichloroethane
Concen: 52.927 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 16622
Ion Ratio	Lower Upper
97 100	
83 81.1	65.0 97.4
85 51.8	43.0 64.6
99 61.8	50.2 75.2

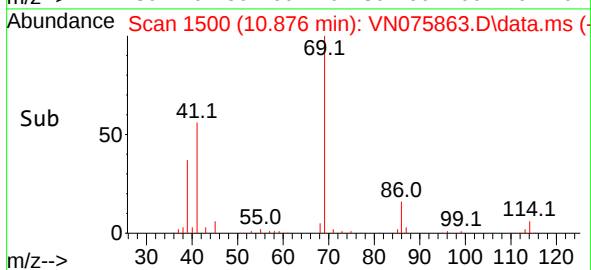
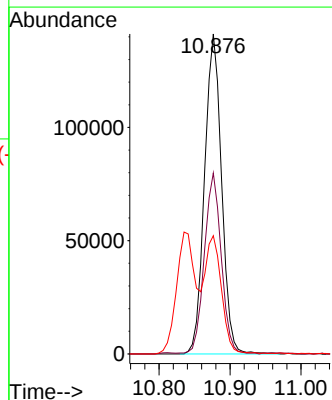
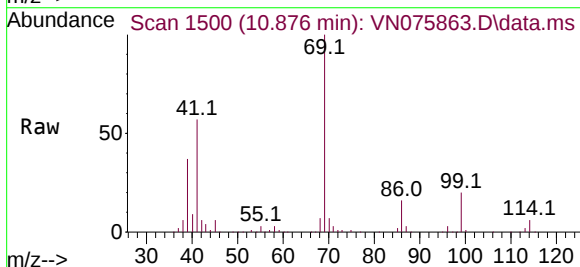
Manual Integrations
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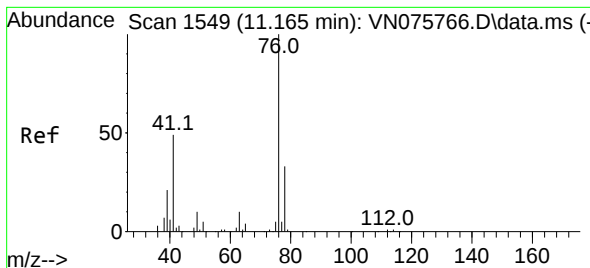
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#56
Ethyl methacrylate
Concen: 56.296 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

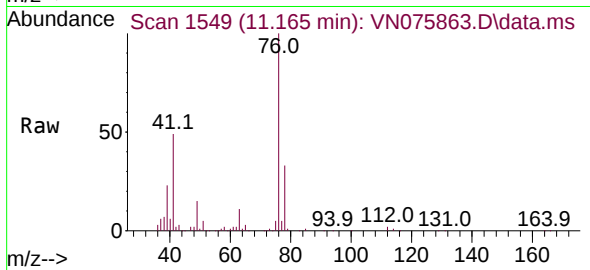
Tgt Ion: 69	Resp: 234845
Ion Ratio	Lower Upper
69 100	
41 56.2	44.2 66.4
39 34.8	26.4 39.6





#57
1,3-Dichloropropane
Concen: 52.473 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

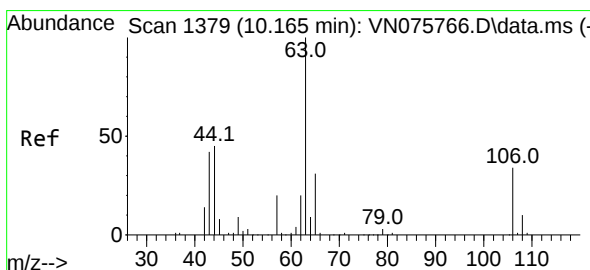
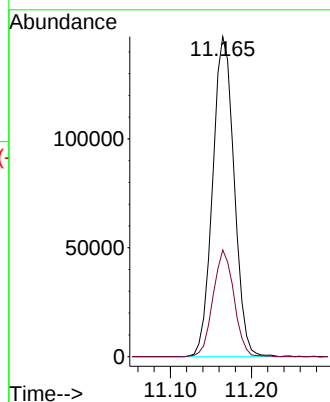
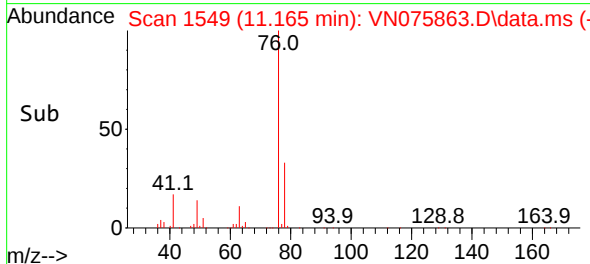
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



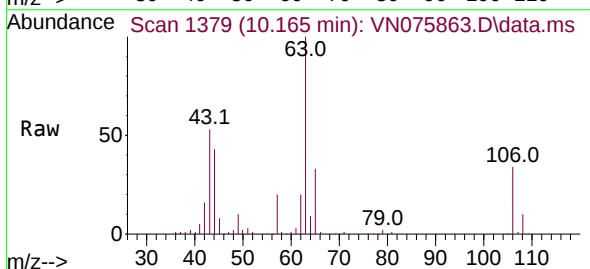
Tgt Ion: 76 Resp: 270320
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
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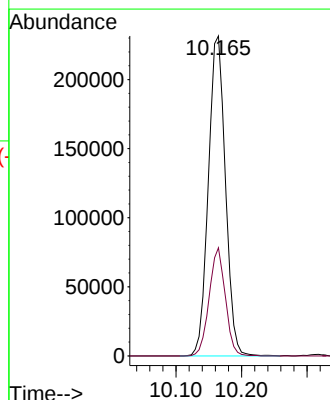
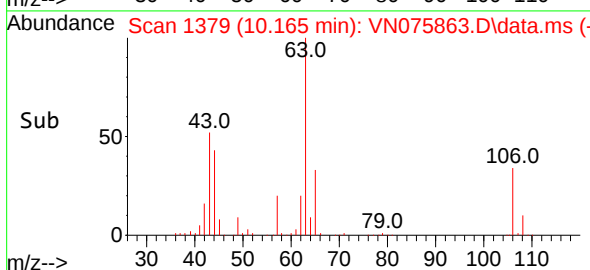
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

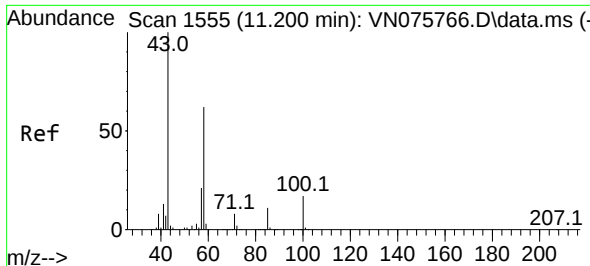


#58
2-Chloroethyl Vinyl ether
Concen: 314.620 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



Tgt Ion: 63 Resp: 417870
Ion Ratio Lower Upper
63 100
106 31.9 26.4 39.6





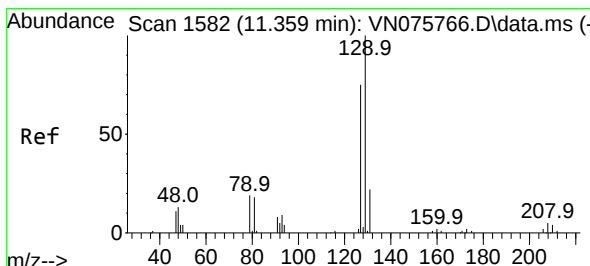
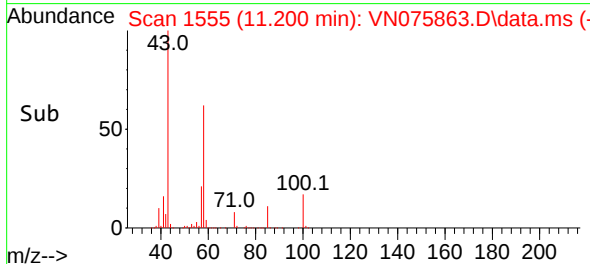
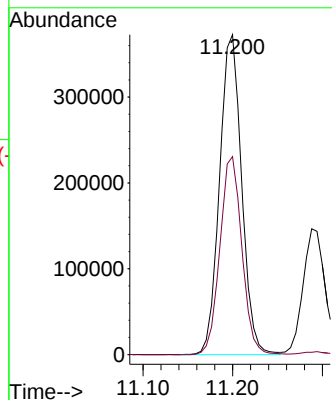
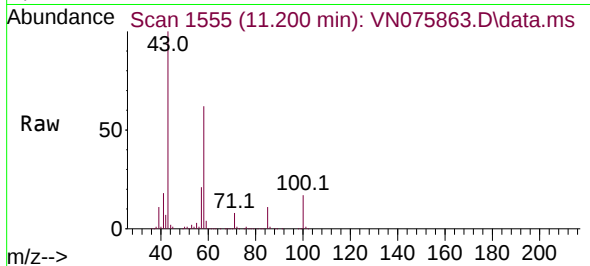
#59
2-Hexanone
Concen: 275.208 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 640410
Ion Ratio Lower Upper
43 100
58 61.4 30.6 92.0

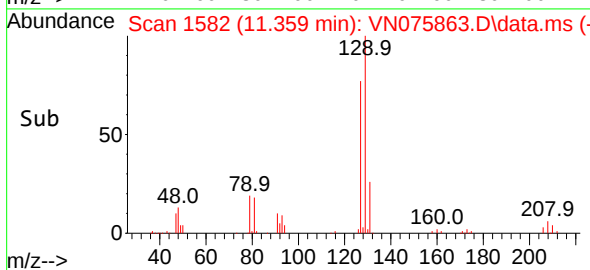
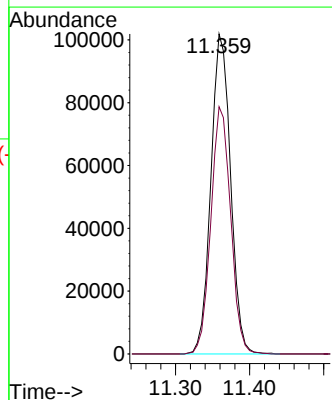
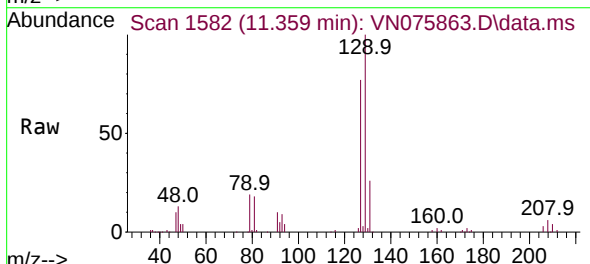
Manual Integrations
APPROVED

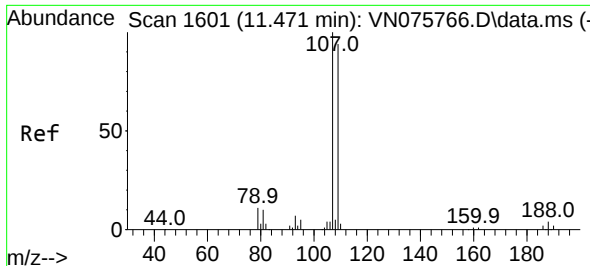
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
Dibromochloromethane
Concen: 53.708 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

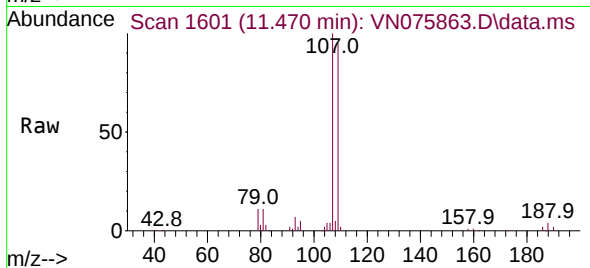
Tgt Ion:129 Resp: 187586
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9





#61
1,2-Dibromoethane
Concen: 53.515 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

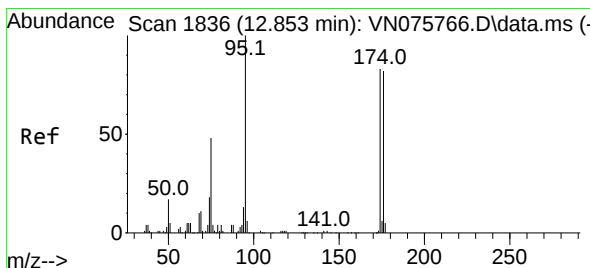
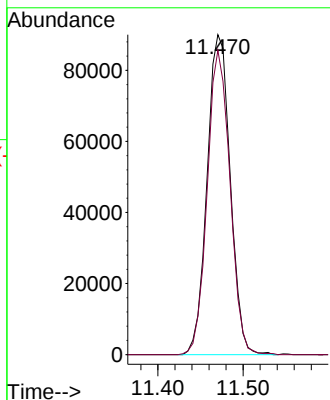
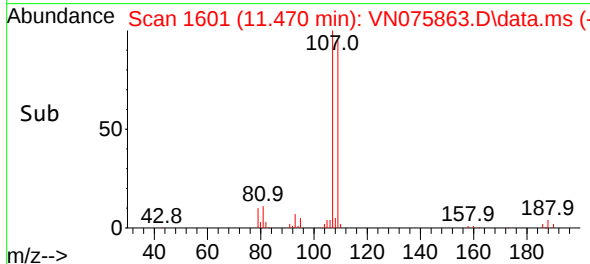
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



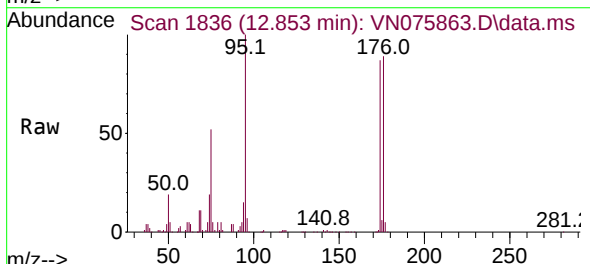
Tgt Ion:107 Resp: 170084
Ion Ratio Lower Upper
107 100
109 93.3 74.8 112.2

Manual Integrations
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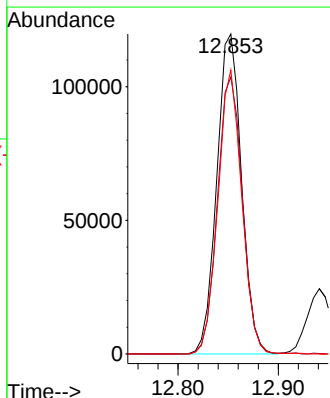
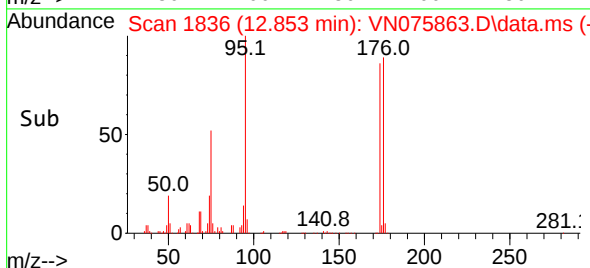
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

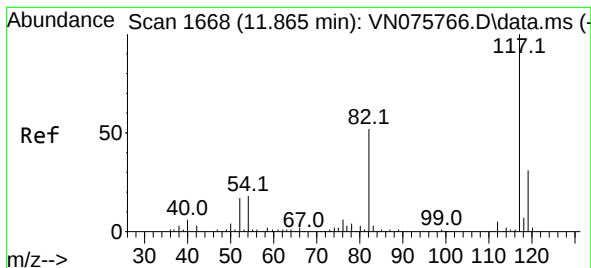


#62
4-Bromofluorobenzene
Concen: 55.448 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



Tgt Ion: 95 Resp: 205830
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 85.3 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 437200

Ion Ratio Lower Upper

117 100

82 52.9 41.3 61.9

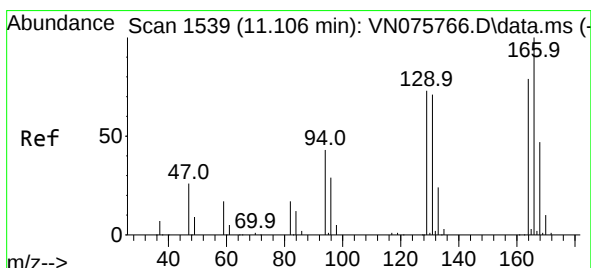
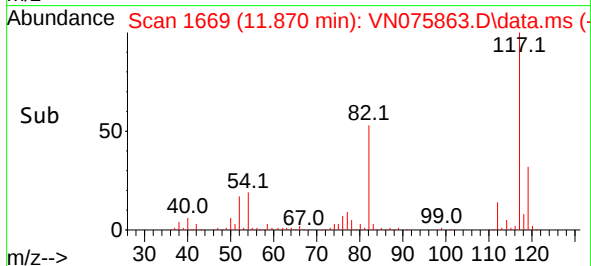
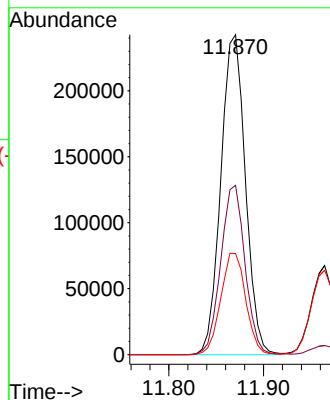
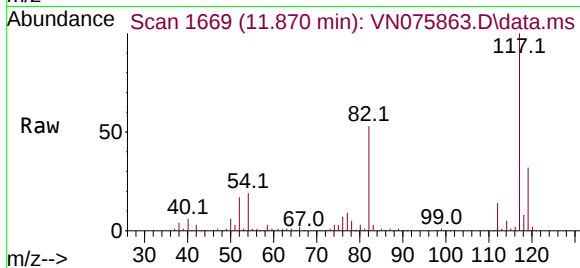
119 31.6 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#64

Tetrachloroethene

Concen: 49.408 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Tgt Ion:164 Resp: 152001

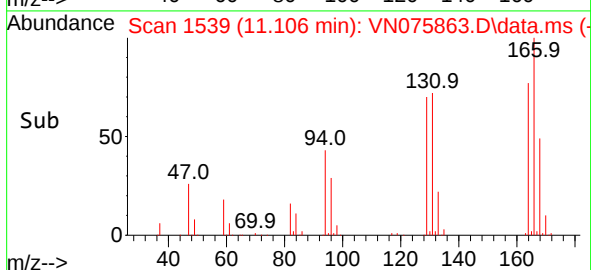
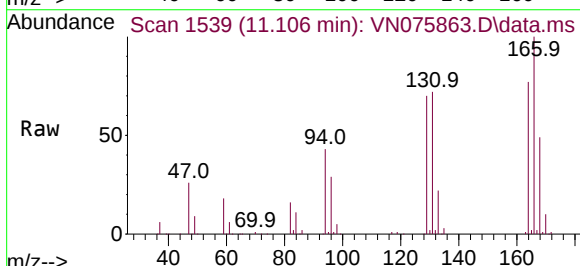
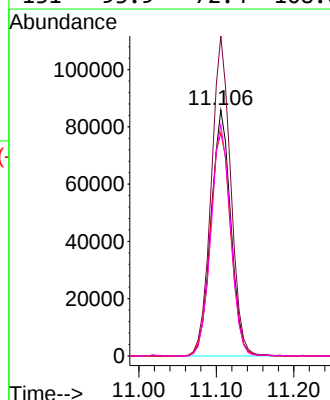
Ion Ratio Lower Upper

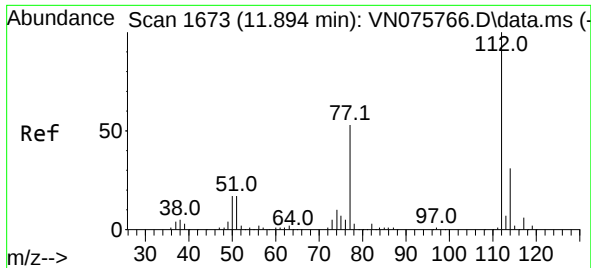
164 100

166 130.0 101.9 152.9

129 90.7 74.2 111.2

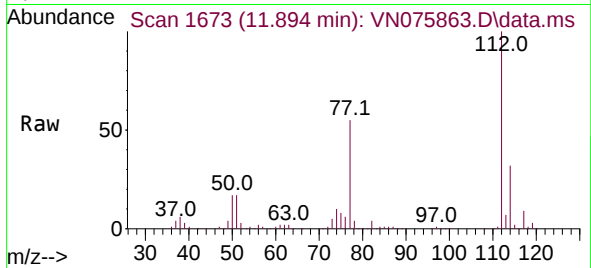
131 93.9 72.4 108.6





#65
Chlorobenzene
Concen: 50.474 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

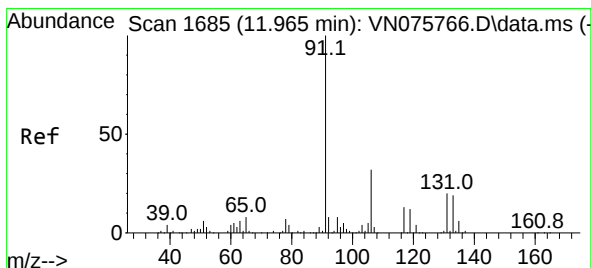
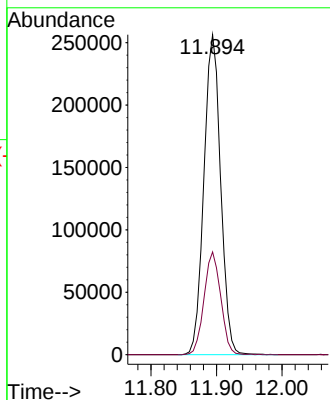
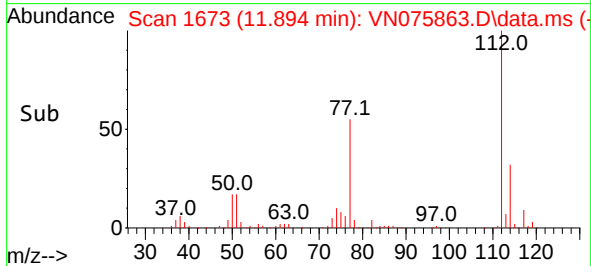
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



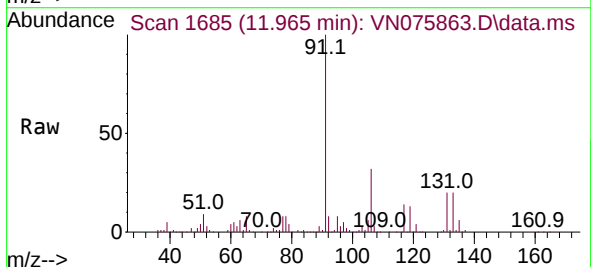
Tgt Ion:112 Resp: 452922
Ion Ratio Lower Upper
112 100
114 32.1 24.7 37.1

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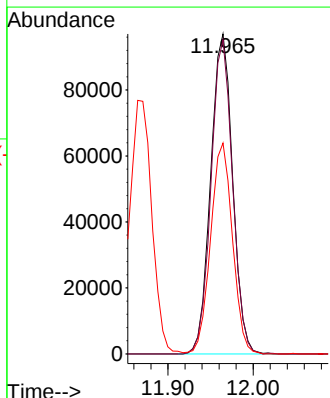
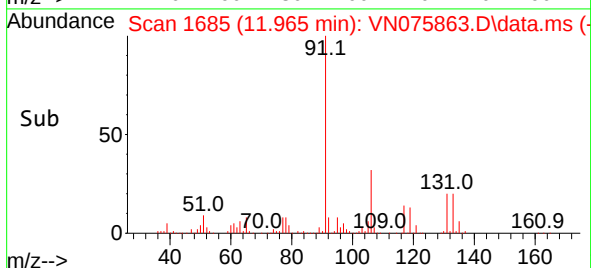
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

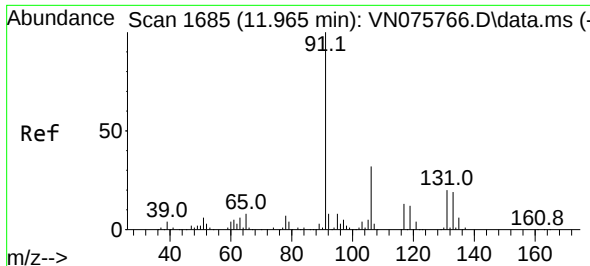


#66
1,1,1,2-Tetrachloroethane
Concen: 52.135 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



Tgt Ion:131 Resp: 173284
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 65.7 31.9 95.7





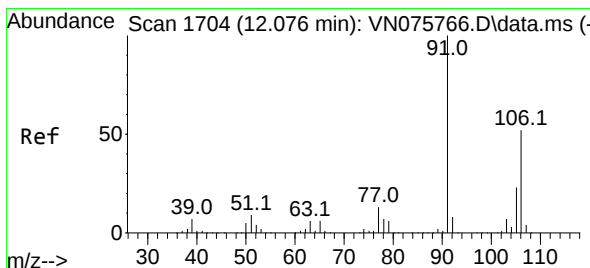
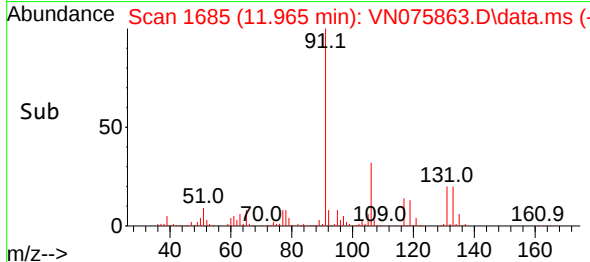
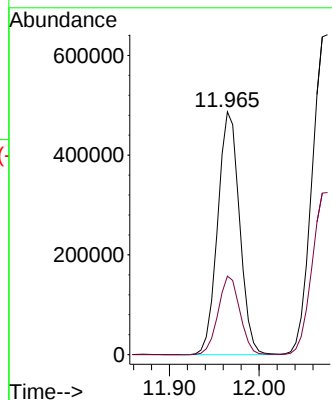
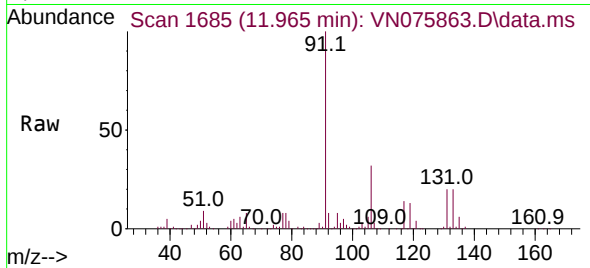
#67
Ethyl Benzene
Concen: 54.528 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 825816
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5

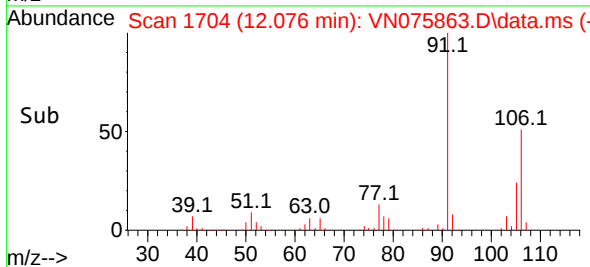
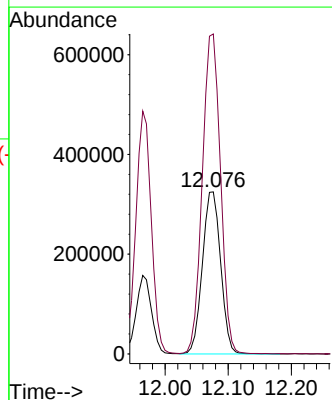
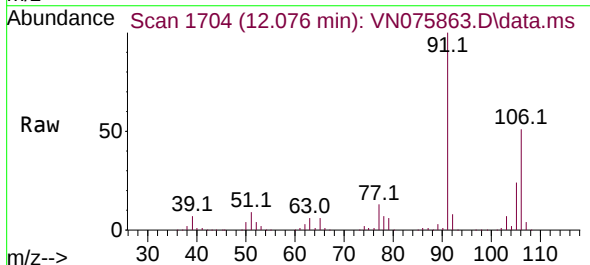
Manual Integrations
APPROVED

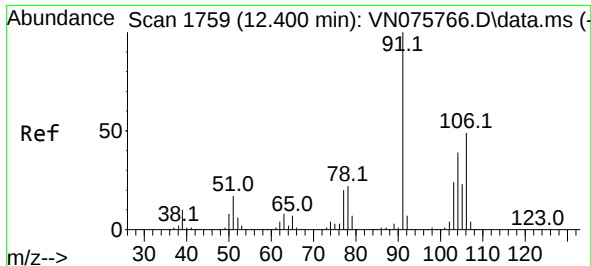
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#68
m/p-Xylenes
Concen: 108.683 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion:106 Resp: 651479
Ion Ratio Lower Upper
106 100
91 196.7 156.6 235.0





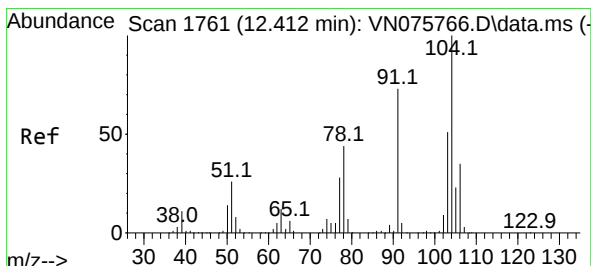
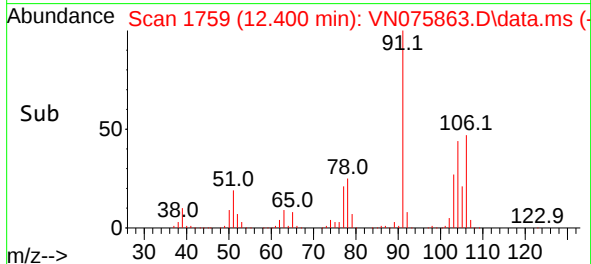
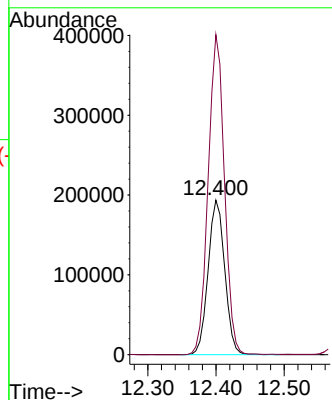
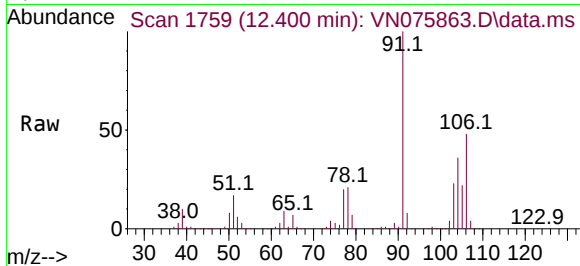
#69
o-Xylene
Concen: 55.139 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 327084
Ion Ratio Lower Upper
106 100
91 202.8 103.8 311.6

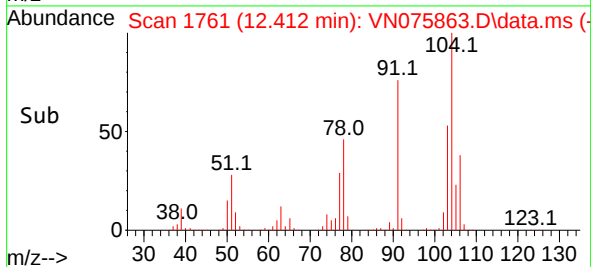
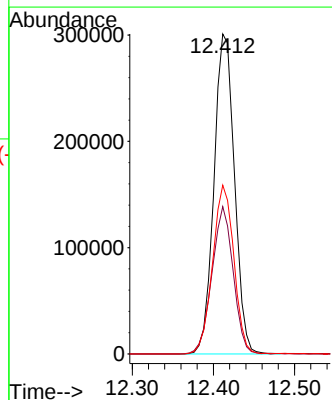
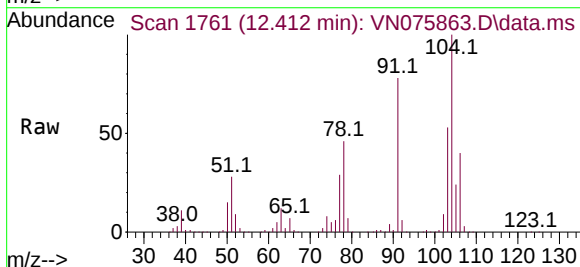
Manual Integrations
APPROVED

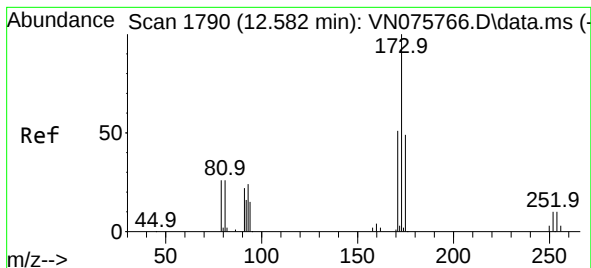
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70
Styrene
Concen: 56.019 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion:104 Resp: 528369
Ion Ratio Lower Upper
104 100
78 47.5 37.5 56.3
103 54.7 43.5 65.3





#71

Bromoform

Concen: 55.911 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

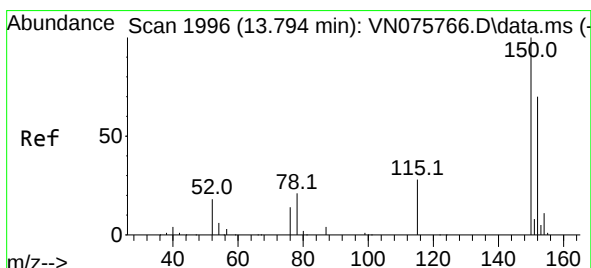
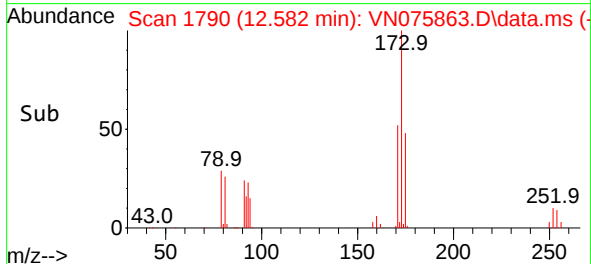
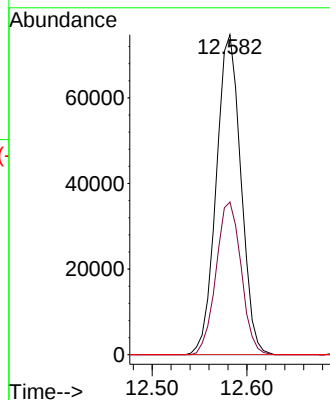
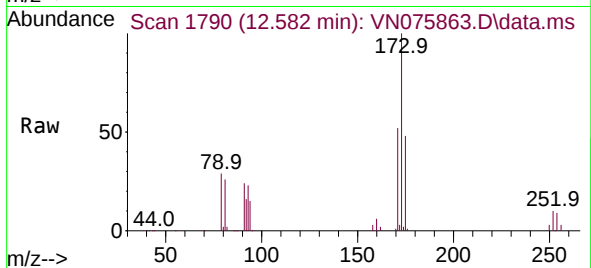
Tgt Ion:	173	Resp:	13522
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

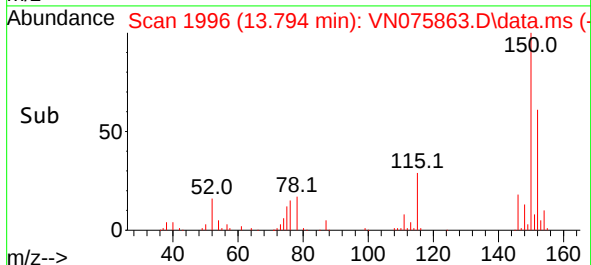
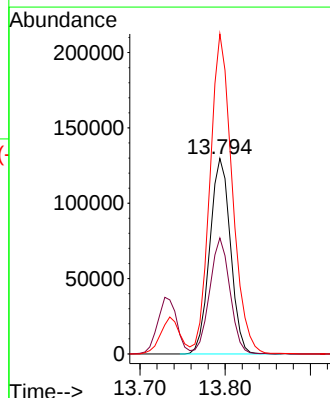
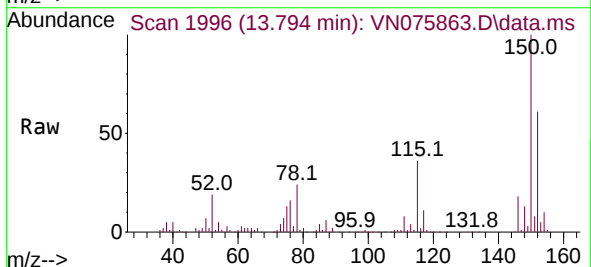
RT: 13.794 min Scan# 1996

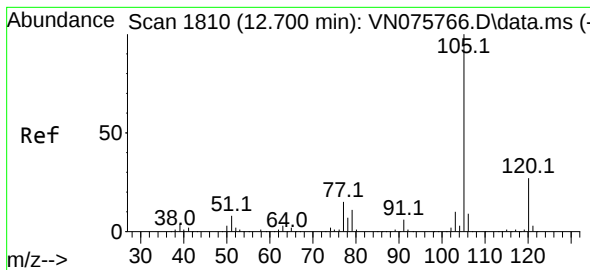
Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Tgt Ion:	152	Resp:	218430
Ion Ratio	Lower	Upper	
152	100		
115	58.0	29.1	87.4
150	176.2	0.0	347.0





#73

Isopropylbenzene

Concen: 53.315 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 841560

Ion Ratio Lower Upper

105 100

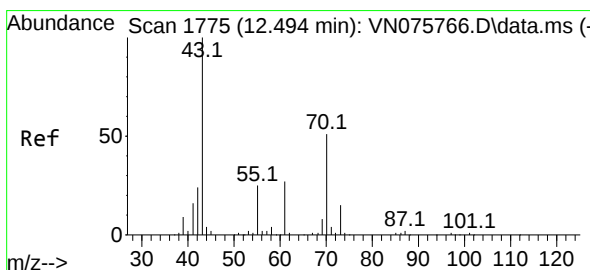
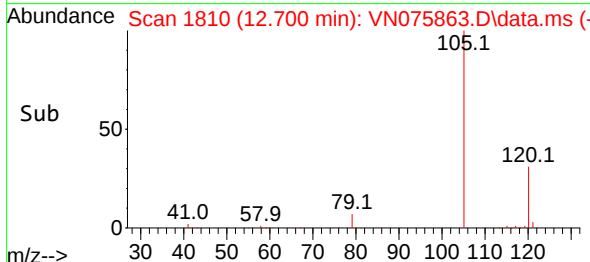
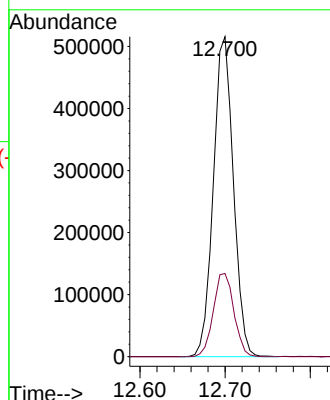
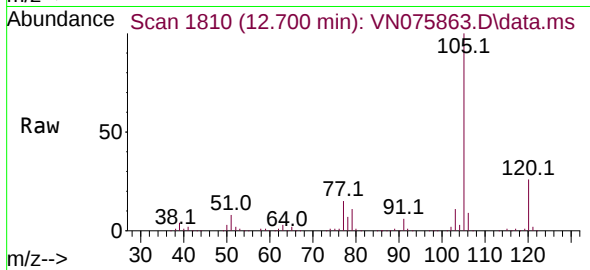
120 26.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#74

N-ethyl acetate

Concen: 55.291 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Tgt Ion: 43 Resp: 256034

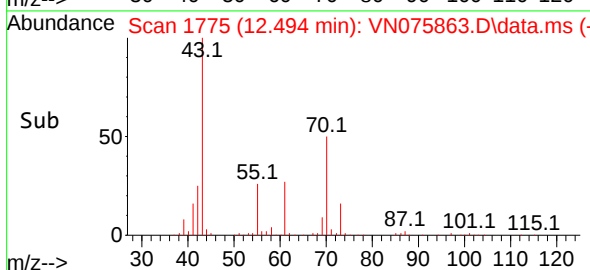
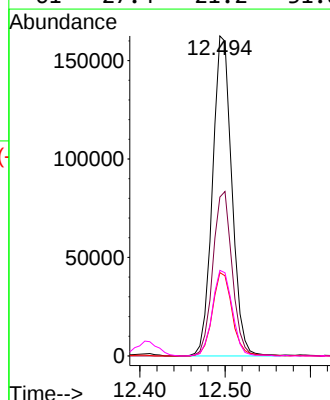
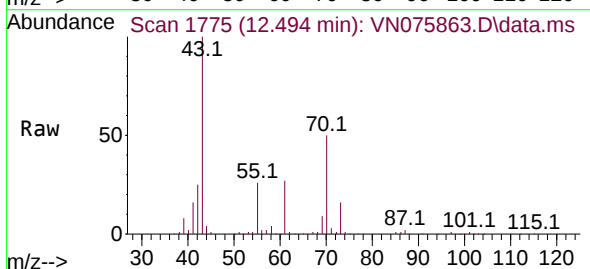
Ion Ratio Lower Upper

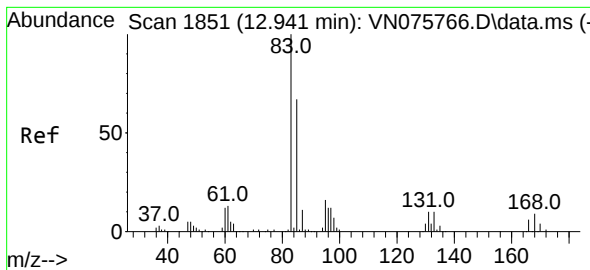
43 100

70 51.3 41.4 62.0

55 26.5 21.3 31.9

61 27.4 21.2 31.8





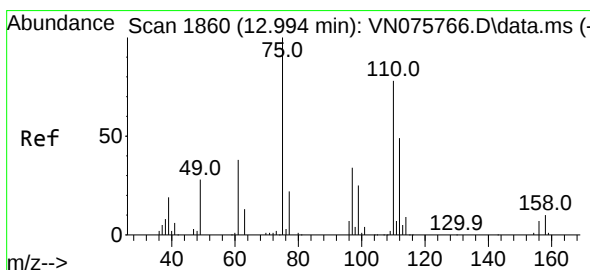
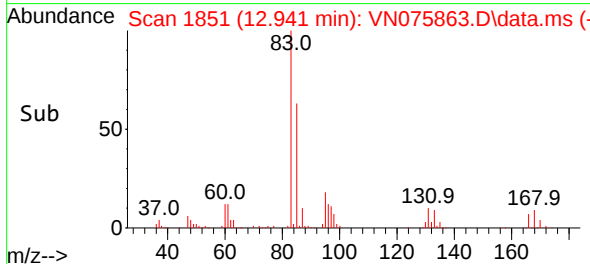
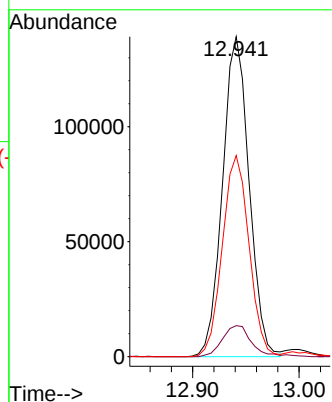
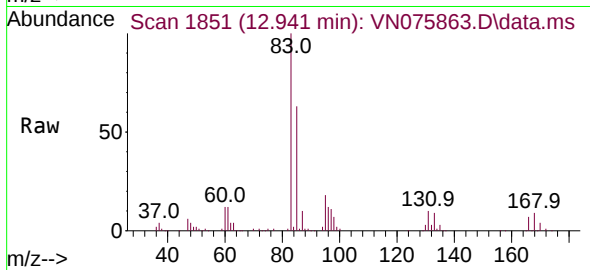
#75
1,1,2,2-Tetrachloroethane
Concen: 49.425 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion: 83 Resp: 241179
Ion Ratio Lower Upper
83 100
131 10.7 5.6 16.8
85 63.1 32.6 98.0

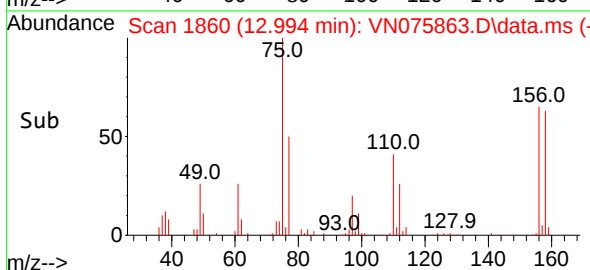
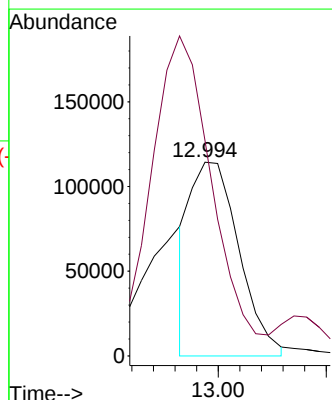
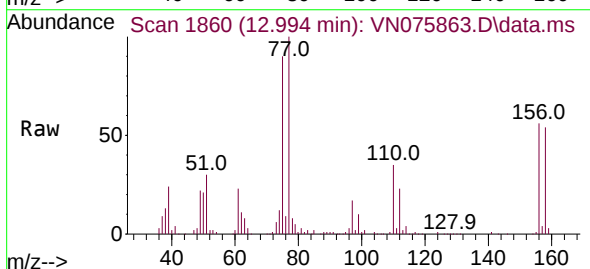
Manual Integrations
APPROVED

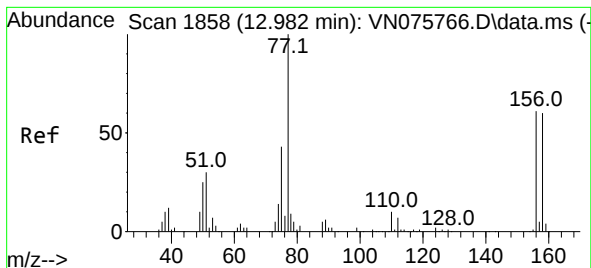
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#76
1,2,3-Trichloropropane
Concen: 40.720 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Tgt Ion: 75 Resp: 179293
Ion Ratio Lower Upper
75 100
77 209.6 82.6 247.8





#77

Bromobenzene

Concen: 50.242 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

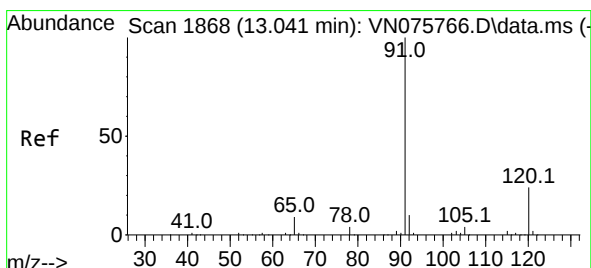
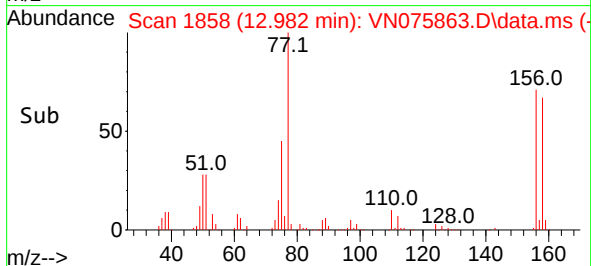
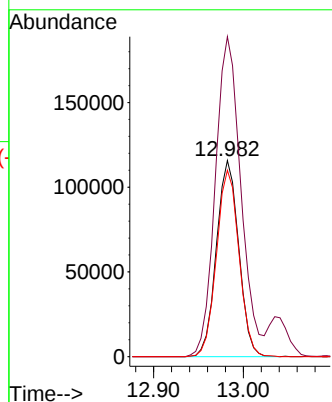
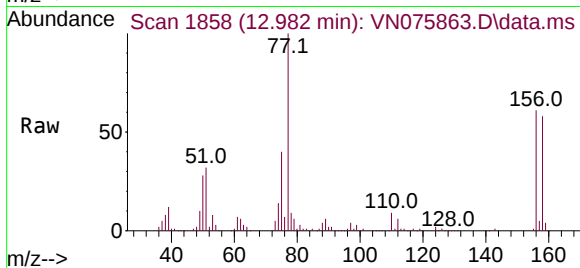
Tgt Ion:	156	Resp:	200702
Ion Ratio	Lower	Upper	
156	100		
77	187.3	93.8	281.3
158	95.8	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#78

n-propylbenzene

Concen: 55.757 ug/l

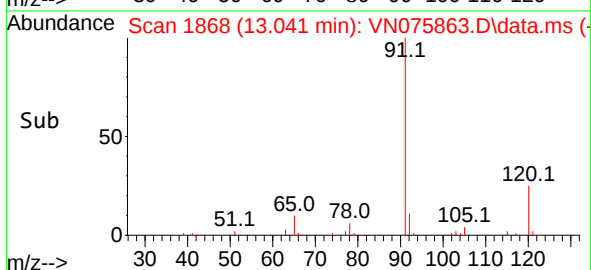
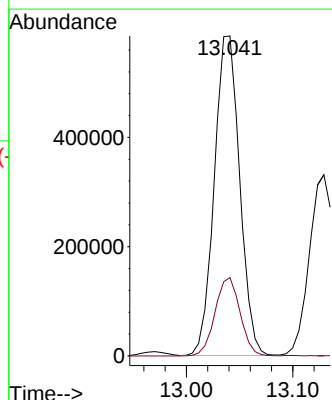
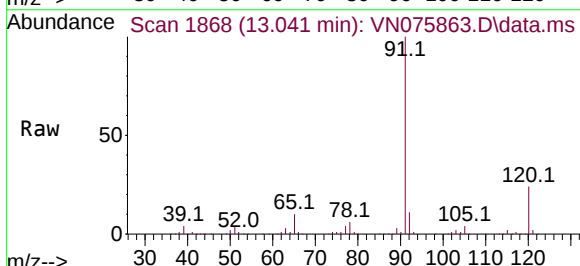
RT: 13.041 min Scan# 1868

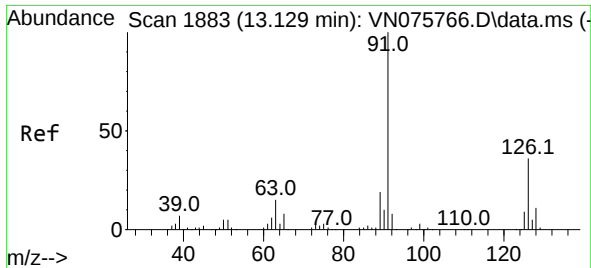
Delta R.T. -0.000 min

Lab File: VN075863.D

Acq: 19 Dec 2022 11:49

Tgt Ion:	91	Resp:	970718
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.1





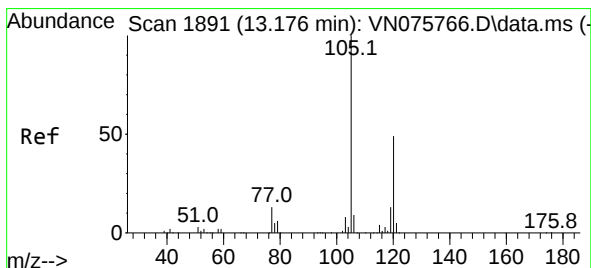
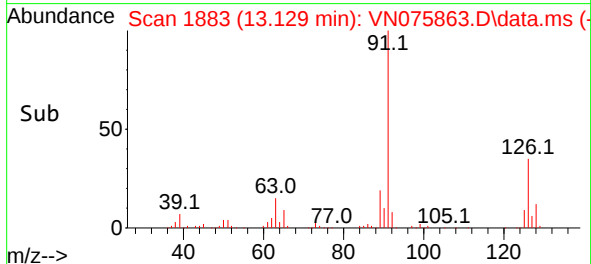
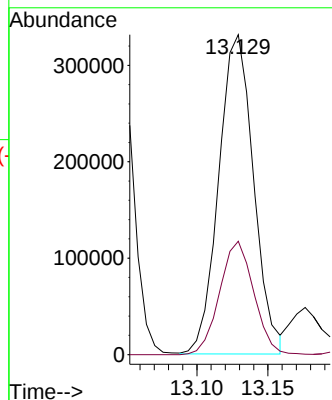
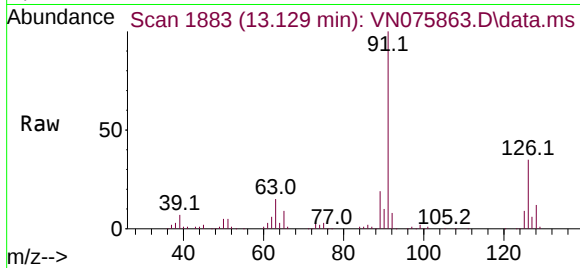
#79
2-Chlorotoluene
Concen: 52.070 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 565876
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5

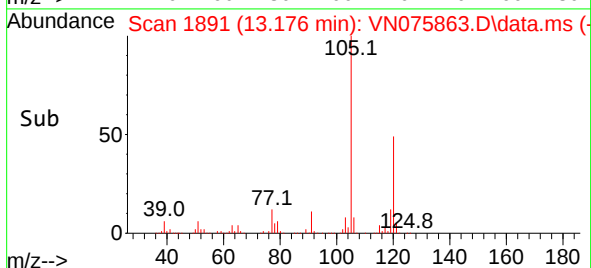
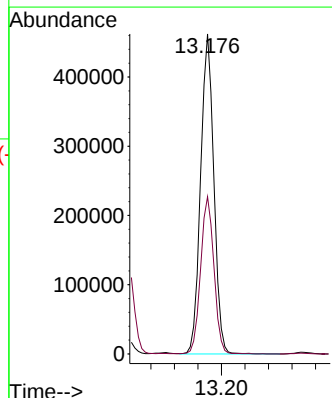
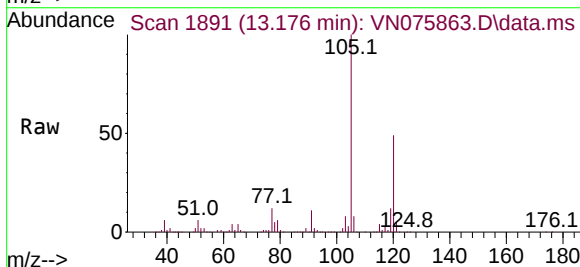
Manual Integrations
APPROVED

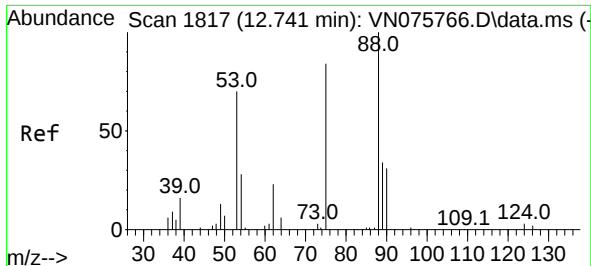
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.610 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

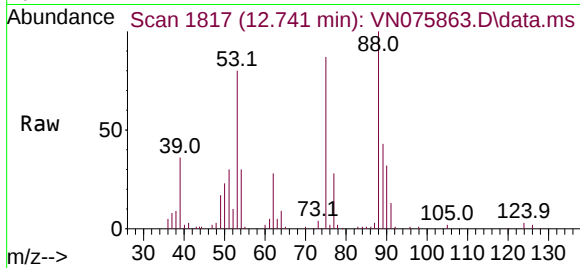
Tgt Ion:105 Resp: 721453
Ion Ratio Lower Upper
105 100
120 49.3 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 57.060 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

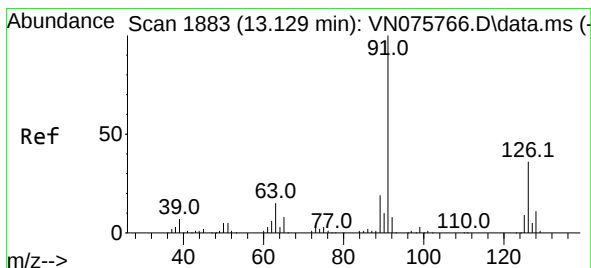
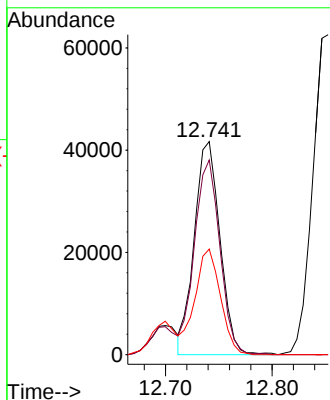
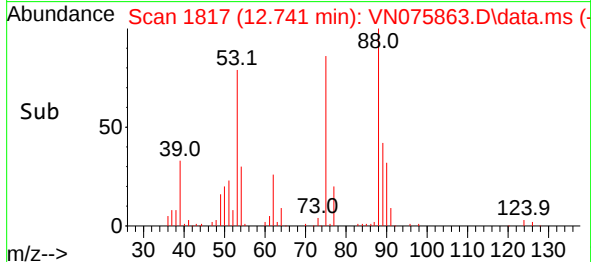
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



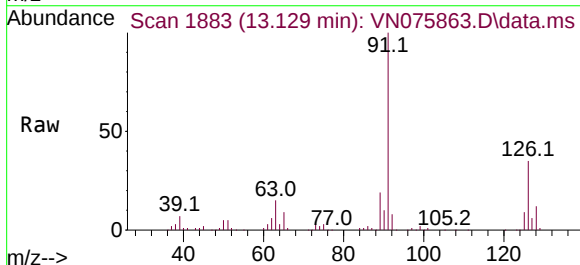
Tgt Ion: 75 Resp: 69798
Ion Ratio Lower Upper
75 100
53 90.6 73.8 110.6
89 49.6 39.5 59.3

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APPROVED

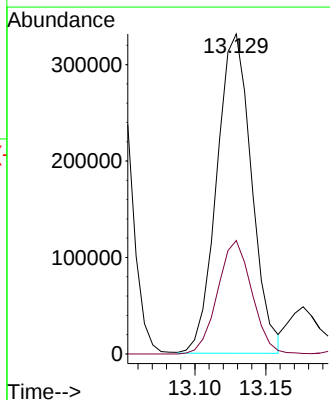
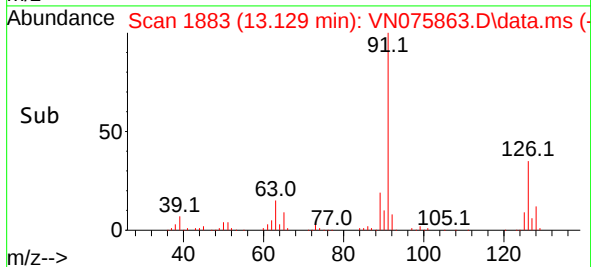
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

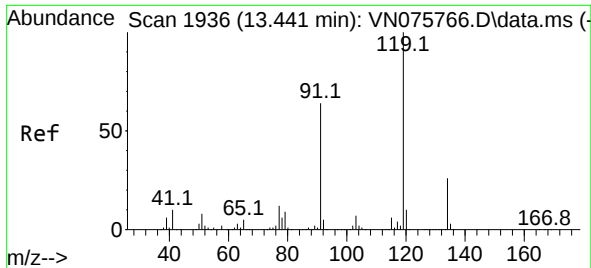


#82
4-Chlorotoluene
Concen: 52.070 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



Tgt Ion: 91 Resp: 565876
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5





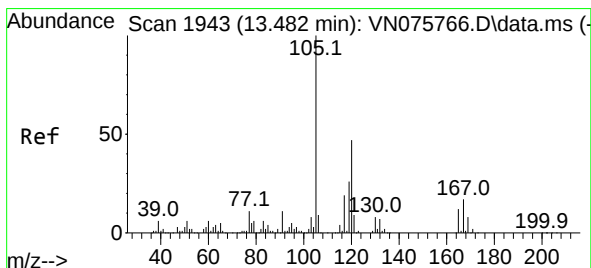
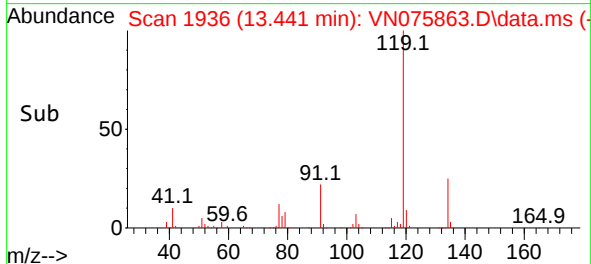
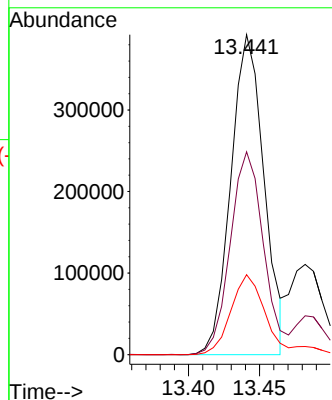
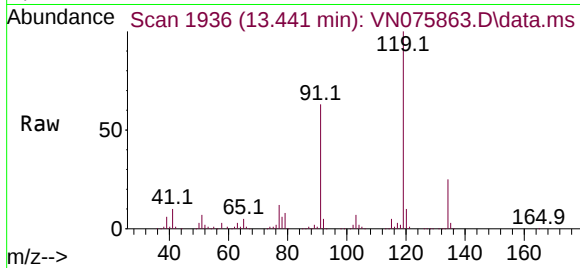
#83
tert-Butylbenzene
Concen: 54.722 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 637392
Ion Ratio Lower Upper
119 100
91 64.0 31.9 95.5
134 27.2 13.8 41.4

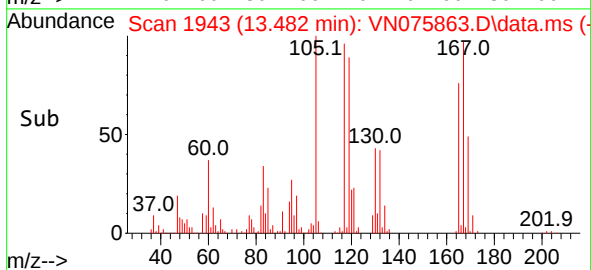
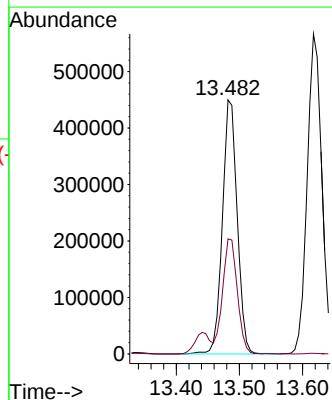
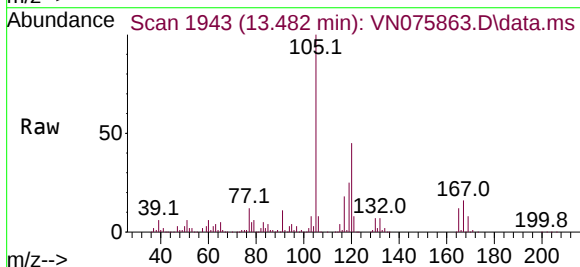
Manual Integrations
APPROVED

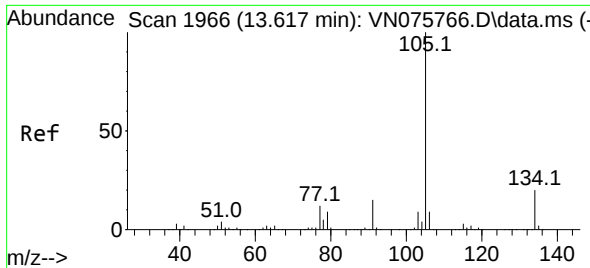
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 55.707 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

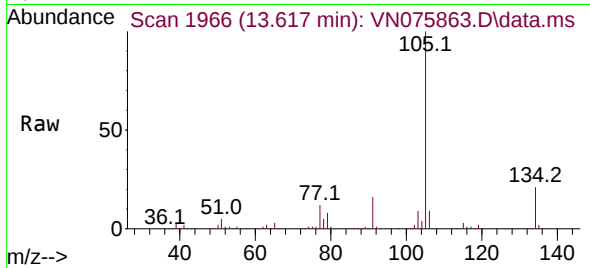
Tgt Ion:105 Resp: 730085
Ion Ratio Lower Upper
105 100
120 45.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 56.697 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075863.D
 Acq: 19 Dec 2022 11:49

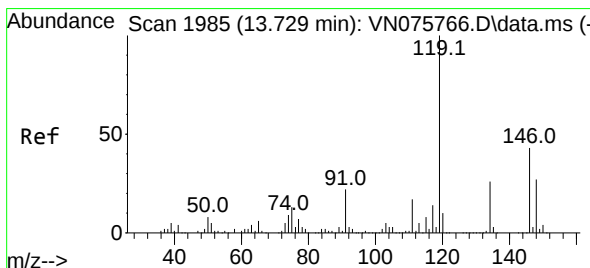
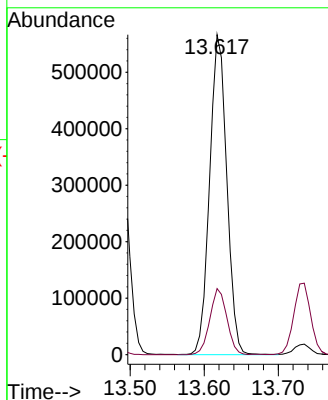
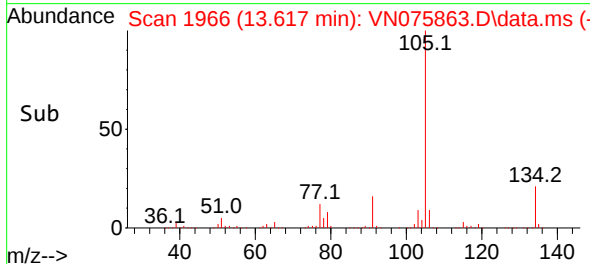
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



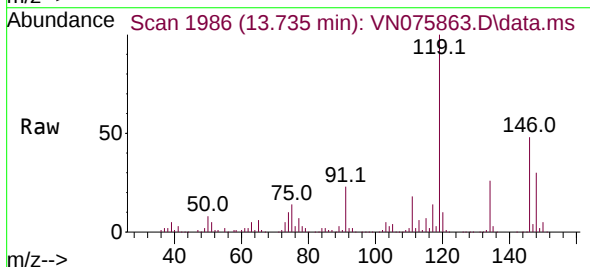
Tgt Ion:105 Resp: 911503
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

Manual Integrations
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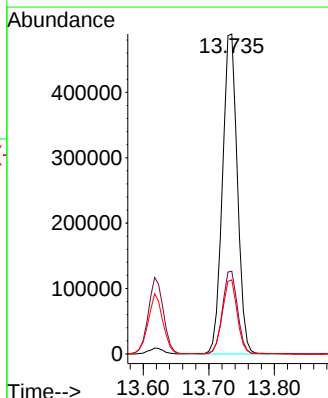
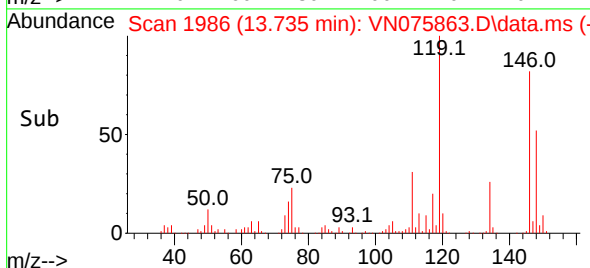
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

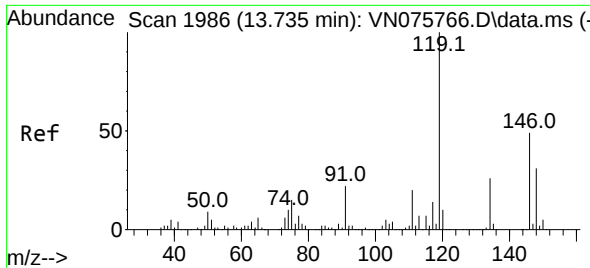


#86
 p-Isopropyltoluene
 Concen: 57.954 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075863.D
 Acq: 19 Dec 2022 11:49



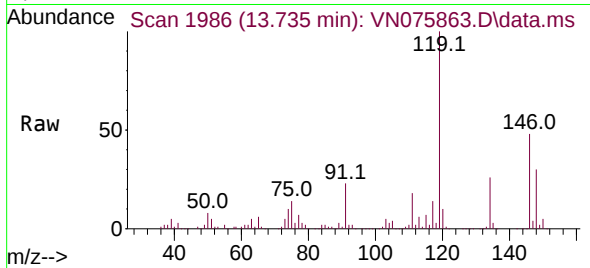
Tgt Ion:119 Resp: 775270
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.0 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 52.229 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

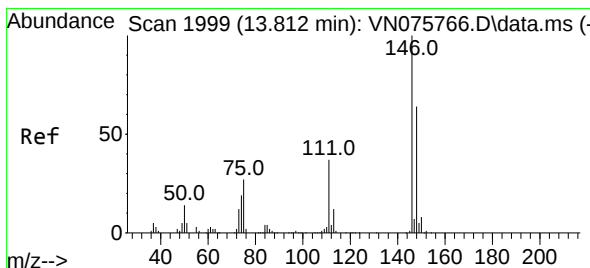
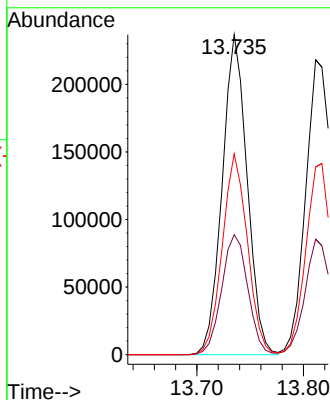
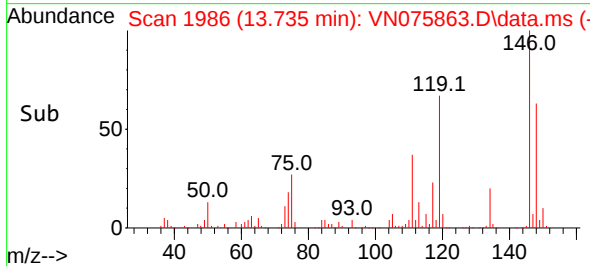
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



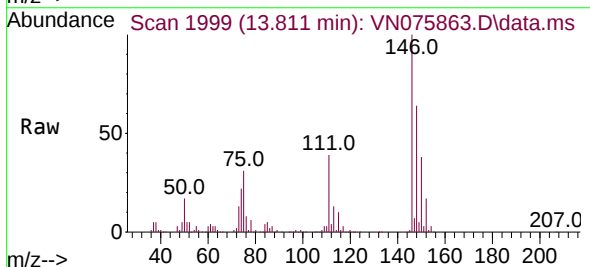
Tgt Ion:146 Resp: 385401
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 63.4 31.4 94.2

Manual Integrations
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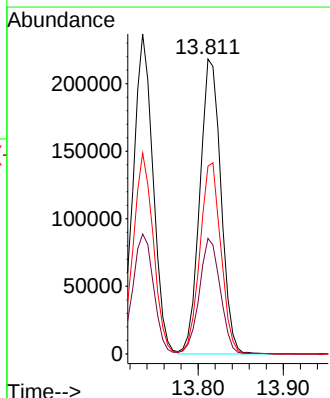
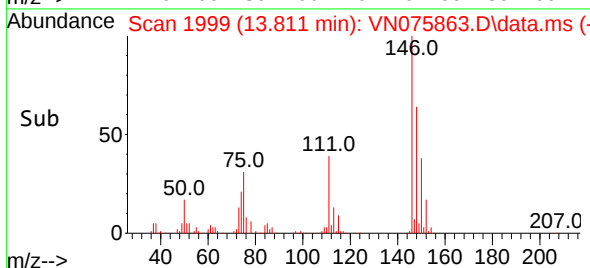
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

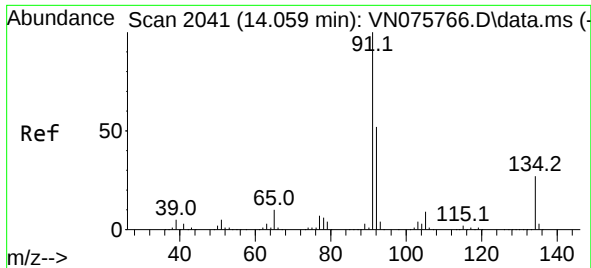


#88
1,4-Dichlorobenzene
Concen: 49.751 ug/l
RT: 13.811 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



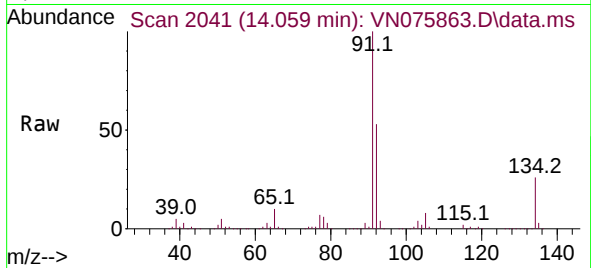
Tgt Ion:146 Resp: 375032
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.1
148 64.3 32.0 96.2





#89
n-Butylbenzene
Concen: 58.490 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

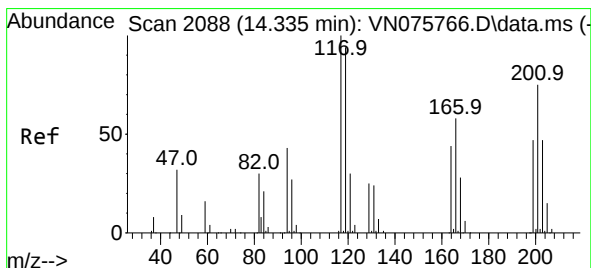
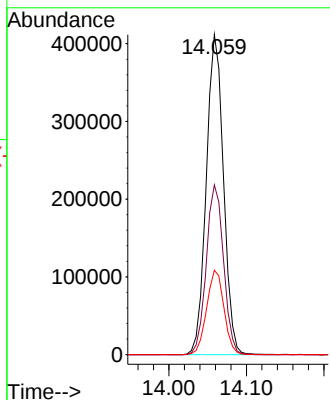
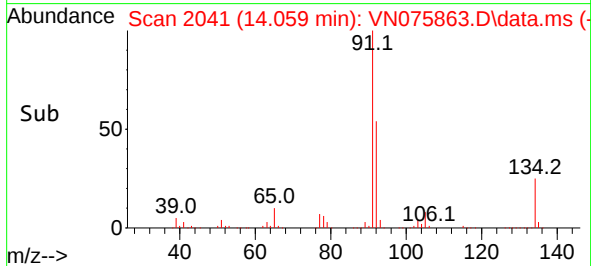
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 633880
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.2
134 26.6 13.4 40.2

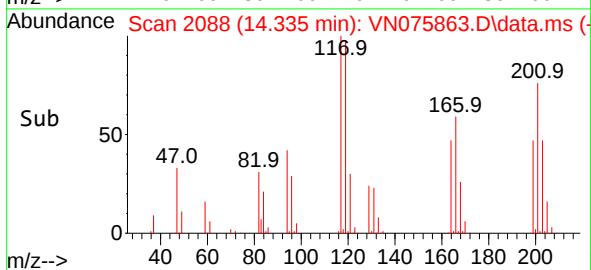
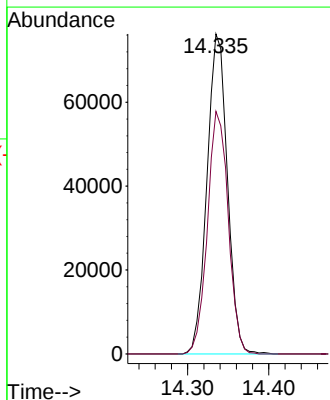
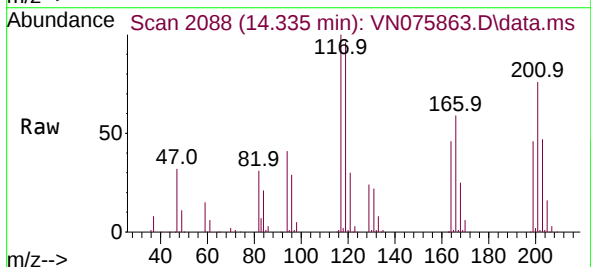
Manual Integrations
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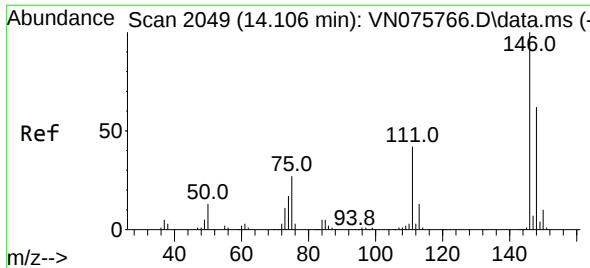
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#90
Hexachloroethane
Concen: 55.757 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

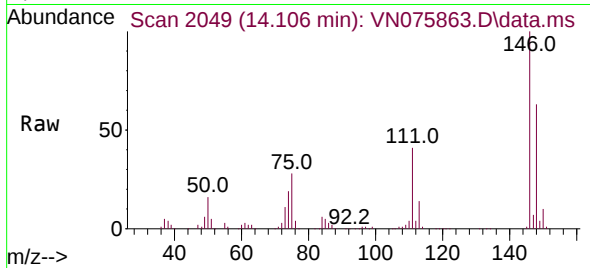
Tgt Ion:117 Resp: 133423
Ion Ratio Lower Upper
117 100
201 77.1 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 52.078 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

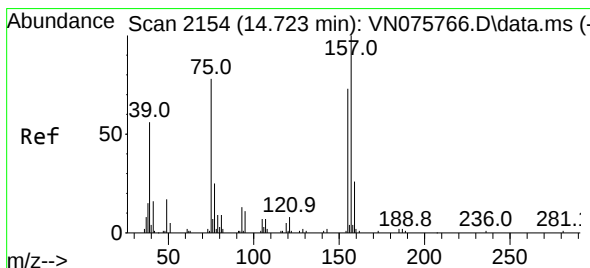
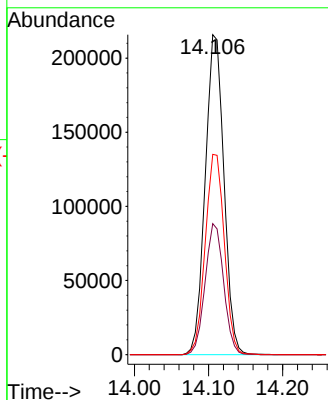
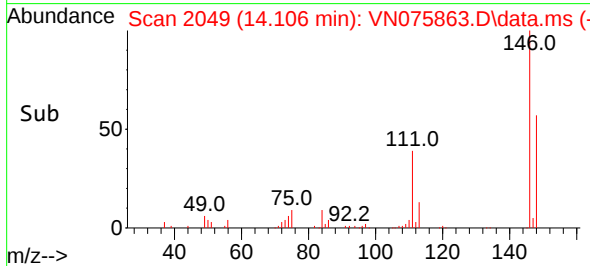
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



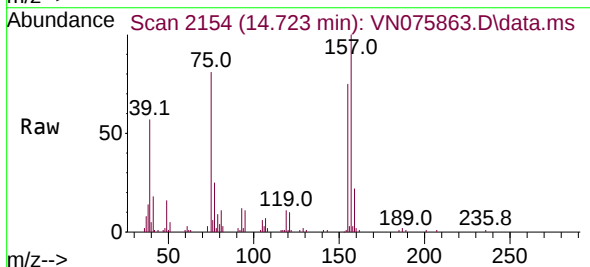
Tgt Ion:146 Resp: 378523
Ion Ratio Lower Upper
146 100
111 40.5 20.3 61.0
148 63.8 31.7 95.1

Manual Integrations
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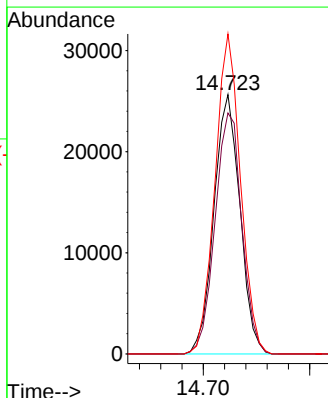
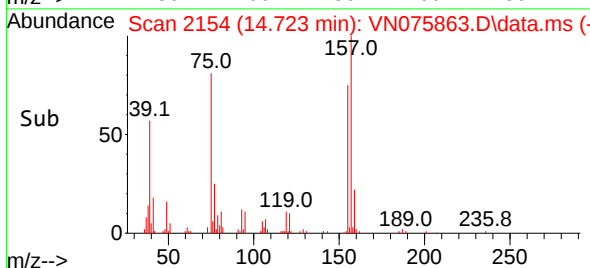
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

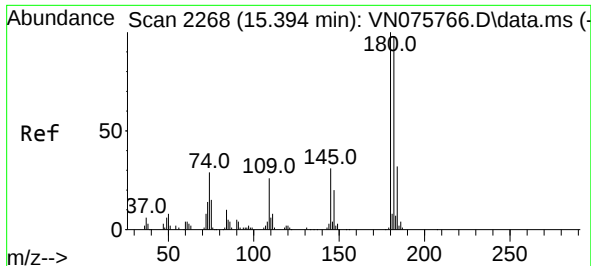


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.246 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



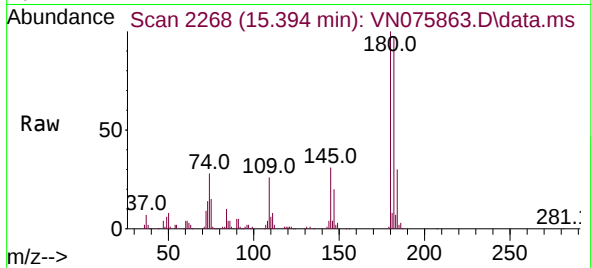
Tgt Ion: 75 Resp: 43506
Ion Ratio Lower Upper
75 100
155 95.7 49.3 147.8
157 121.0 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 54.595 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

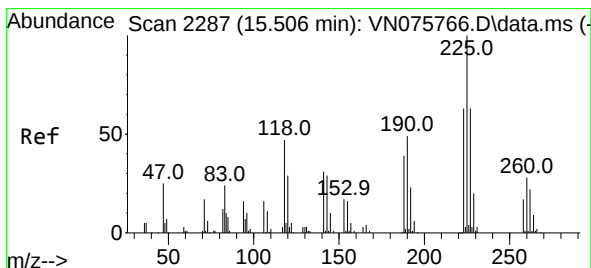
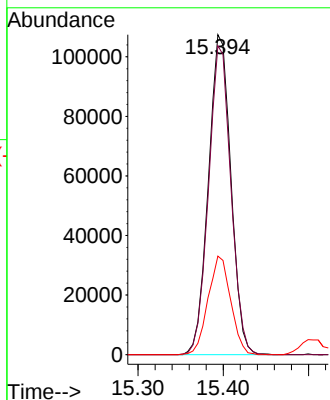
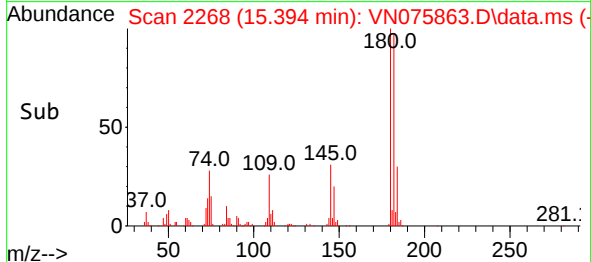
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



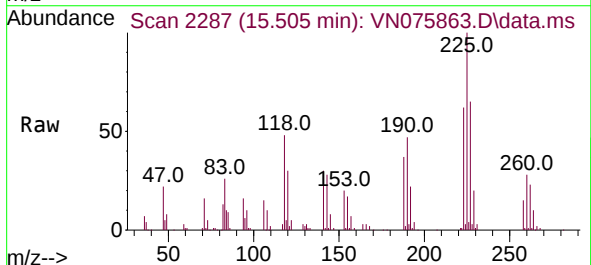
Tgt Ion:180 Resp: 196454
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 31.0 15.3 45.8

Manual Integrations
APPROVED

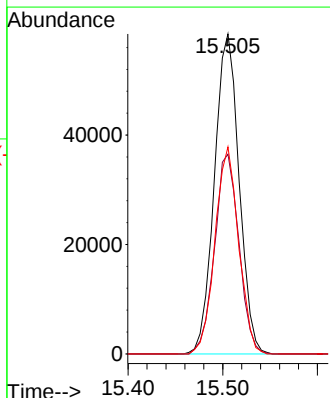
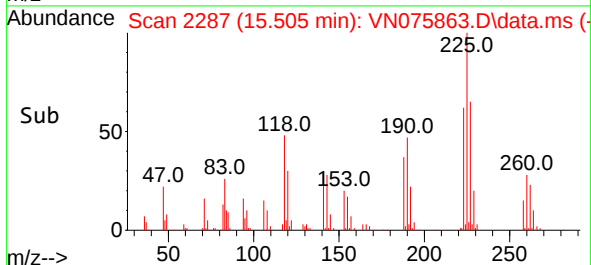
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

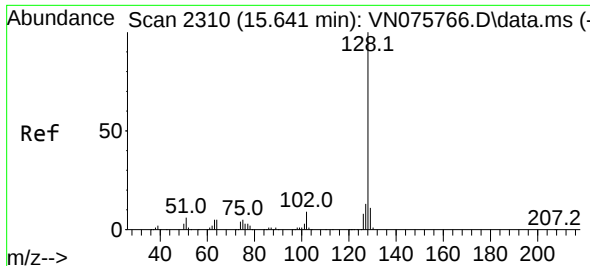


#94
Hexachlorobutadiene
Concen: 53.866 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



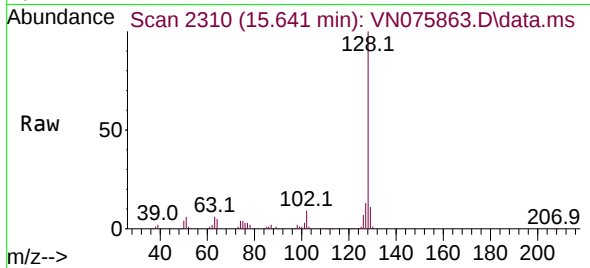
Tgt Ion:225 Resp: 105751
Ion Ratio Lower Upper
225 100
223 61.6 31.5 94.5
227 62.0 31.6 95.0





#95
Naphthalene
Concen: 48.004 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49

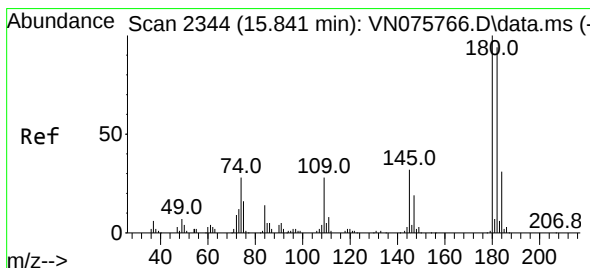
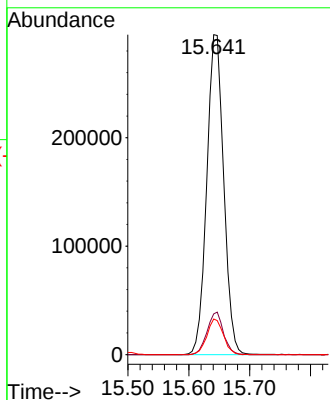
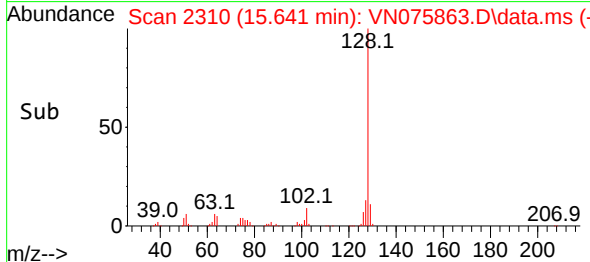
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



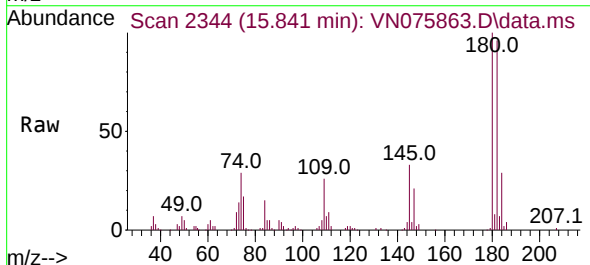
Tgt Ion:128 Resp: 569580
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.346 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075863.D
Acq: 19 Dec 2022 11:49



Tgt Ion:180 Resp: 186141
Ion Ratio Lower Upper
180 100
182 96.9 47.0 141.0
145 32.5 16.0 47.9

