

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074450.D
 Acq On : 13 Sep 2022 22:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 14 08:08:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	181260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	343686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	325236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	164819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171787	54.778	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.560%			
35) Dibromofluoromethane	7.945	113	119076	51.321	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.640%			
50) Toluene-d8	10.380	98	454645	50.289	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.674	95	172376	52.516	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	114890	48.910	ug/l	93
3) Chloromethane	2.263	50	164722	58.792	ug/l	99
4) Vinyl Chloride	2.404	62	232265	59.185	ug/l	98
5) Bromomethane	2.781	94	183768	67.012	ug/l	98
6) Chloroethane	2.940	64	167509	70.777	ug/l	100
7) Trichlorofluoromethane	3.304	101	204762	52.842	ug/l	92
8) Diethyl Ether	3.763	74	82487	50.449	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.134	101	113868	49.038	ug/l	95
10) Methyl Iodide	4.346	142	138372	51.549	ug/l	98
11) Tert butyl alcohol	5.293	59	207954	253.516	ug/l	100
12) 1,1-Dichloroethene	4.104	96	110889	49.076	ug/l	92
13) Acrolein	3.975	56	121965	223.840	ug/l	98
14) Allyl chloride	4.757	41	238897	48.200	ug/l	97
15) Acrylonitrile	5.475	53	540505	288.013	ug/l	99
16) Acetone	4.216	43	494360	291.989	ug/l	100
17) Carbon Disulfide	4.457	76	307733	50.111	ug/l	97
18) Methyl Acetate	4.769	43	269997	54.097	ug/l	98
19) Methyl tert-butyl Ether	5.522	73	471249	51.817	ug/l	99
20) Methylene Chloride	5.010	84	141762	57.285	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	120929	47.762	ug/l	90
22) Diisopropyl ether	6.410	45	550214	55.135	ug/l	98
23) Vinyl Acetate	6.351	43	2506304	281.416	ug/l	99
24) 1,1-Dichloroethane	6.304	63	271235	52.896	ug/l	100
25) 2-Butanone	7.257	43	822460	289.390	ug/l	97
26) 2,2-Dichloropropane	7.251	77	130479	28.128	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	152650	48.936	ug/l	99
28) Bromochloromethane	7.581	49	90728	59.186	ug/l	97
29) Tetrahydrofuran	7.610	42	559252	297.678	ug/l	96
30) Chloroform	7.745	83	276322	53.986	ug/l	100
31) Cyclohexane	8.022	56	236125	47.342	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	238306	51.899	ug/l	96
36) 1,1-Dichloropropene	8.151	75	197646	51.707	ug/l	99
37) Ethyl Acetate	7.339	43	319895	57.692	ug/l	97
38) Carbon Tetrachloride	8.139	117	204251	51.759	ug/l	94
39) Methylcyclohexane	9.392	83	226750	46.805	ug/l	94
40) Benzene	8.392	78	608614	52.003	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	141184	51.314	ug/l	93
42) 1,2-Dichloroethane	8.463	62	237217	53.020	ug/l	99
43) Isopropyl Acetate	8.498	43	489837	54.018	ug/l	98
44) Trichloroethene	9.151	130	130691	49.811	ug/l	94
45) 1,2-Dichloropropane	9.428	63	161843	52.094	ug/l	97
46) Dibromomethane	9.516	93	115610	54.349	ug/l	94
47) Bromodichloromethane	9.698	83	217584	51.317	ug/l	92
48) Methyl methacrylate	9.498	41	228844	57.263	ug/l	92
49) 1,4-Dioxane	9.504	88	90536	1075.024	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	1735932	292.728	ug/l	97
52) Toluene	10.445	92	384336	53.102	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	225170	48.139	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	241100	48.351	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	157360	52.746	ug/l	94
56) Ethyl methacrylate	10.704	69	283380	55.903	ug/l	94
57) 1,3-Dichloropropane	10.986	76	282977	54.265	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	609968	258.671	ug/l	98
59) 2-Hexanone	11.027	43	1388802	303.476	ug/l	95
60) Dibromochloromethane	11.180	129	159741	52.885	ug/l	97
61) 1,2-Dibromoethane	11.292	107	158778	51.731	ug/l	98
64) Tetrachloroethene	10.916	164	98942	44.876	ug/l	93
65) Chlorobenzene	11.716	112	391290	49.894	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.786	131	148280	48.404	ug/l	99
67) Ethyl Benzene	11.786	91	754775	50.955	ug/l	98
68) m/p-Xylenes	11.898	106	575903	103.422	ug/l	98
69) o-Xylene	12.221	106	286268	51.143	ug/l	98
70) Styrene	12.239	104	481369	54.093	ug/l	97
71) Bromoform	12.404	173	112979	49.238	ug/l #	95
73) Isopropylbenzene	12.521	105	763265	48.201	ug/l	98
74) N-amyl acetate	12.333	43	453952	56.526	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.774	83	283260	47.599	ug/l	100
76) 1,2,3-Trichloropropane	12.827	75	226549m	52.580	ug/l	
77) Bromobenzene	12.804	156	158757	46.701	ug/l	98
78) n-propylbenzene	12.863	91	898709	49.540	ug/l	98
79) 2-Chlorotoluene	12.951	91	534940	48.366	ug/l	100
80) 1,3,5-Trimethylbenzene	13.004	105	642616	48.914	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	72688	37.603	ug/l	86
82) 4-Chlorotoluene	13.051	91	526946	49.378	ug/l	98
83) tert-Butylbenzene	13.268	119	552959	46.751	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	647447	49.722	ug/l	99
85) sec-Butylbenzene	13.445	105	793740	49.313	ug/l	100
86) p-Isopropyltoluene	13.557	119	642551	49.874	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	305878	48.667	ug/l	100
88) 1,4-Dichlorobenzene	13.639	146	300031	47.255	ug/l	99
89) n-Butylbenzene	13.886	91	560126	51.091	ug/l	98
90) Hexachloroethane	14.151	117	122432	44.983	ug/l	91
91) 1,2-Dichlorobenzene	13.933	146	315675	47.759	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.551	75	70500	52.574	ug/l	98
93) 1,2,4-Trichlorobenzene	15.204	180	146527	44.486	ug/l	96
94) Hexachlorobutadiene	15.310	225	63648	42.635	ug/l	96
95) Naphthalene	15.439	128	630479	48.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	153203	44.948	ug/l	98

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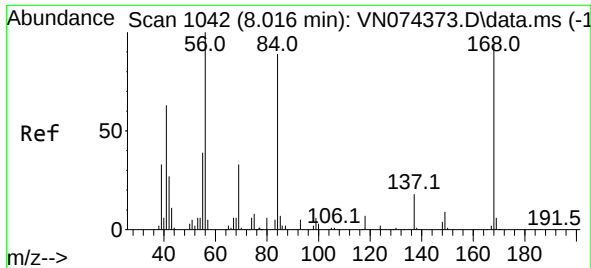
Manual Integrations
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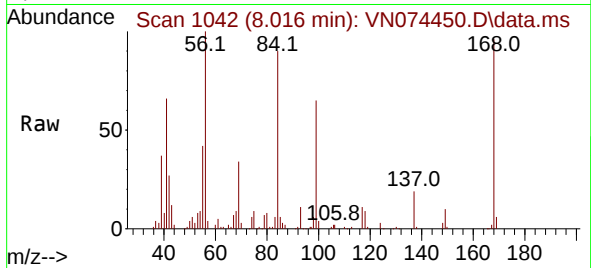
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074450.D
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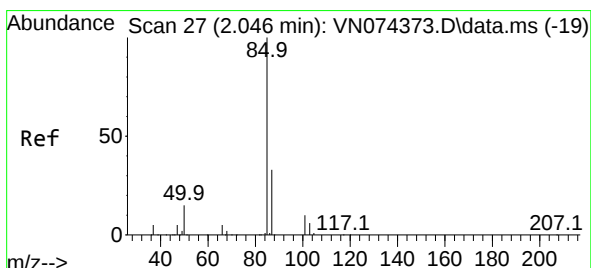
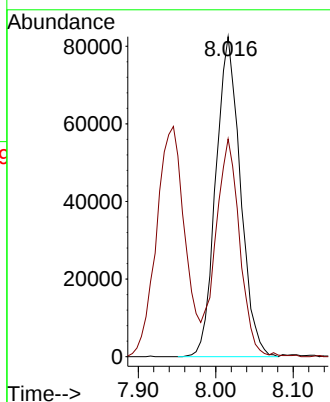
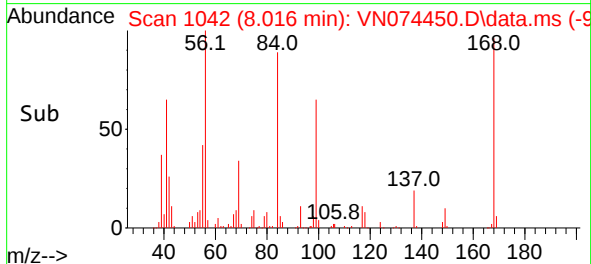
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MSVOA_N
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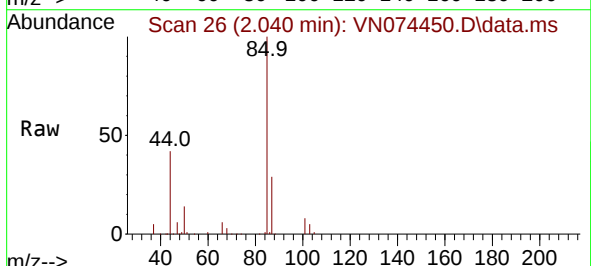
Tgt Ion: 168 Resp: 181260
Ion Ratio Lower Upper
168 100
99 67.5 52.8 79.2

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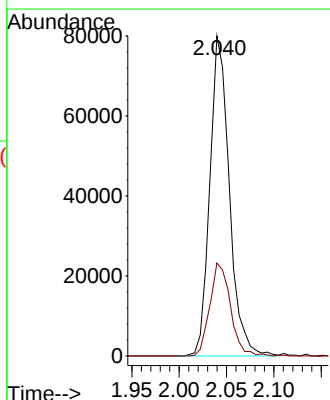
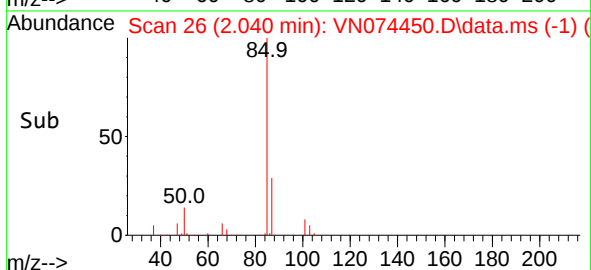
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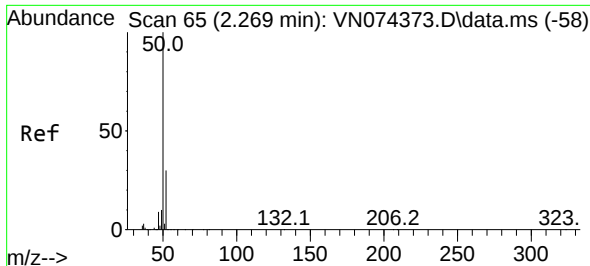


#2
Dichlorodifluoromethane
Concen: 48.910 ug/l
RT: 2.040 min Scan# 26
Delta R.T. -0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



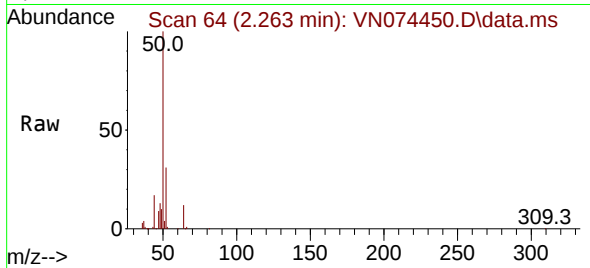
Tgt Ion: 85 Resp: 114890
Ion Ratio Lower Upper
85 100
87 29.0 16.4 49.2





#3
Chloromethane
Concen: 58.792 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

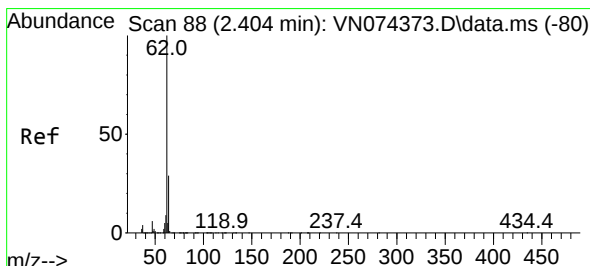
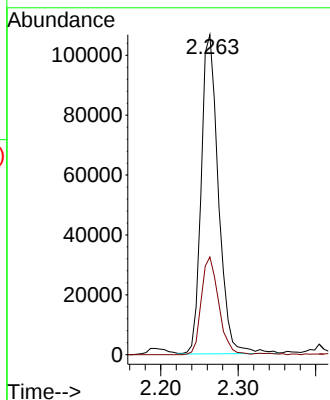
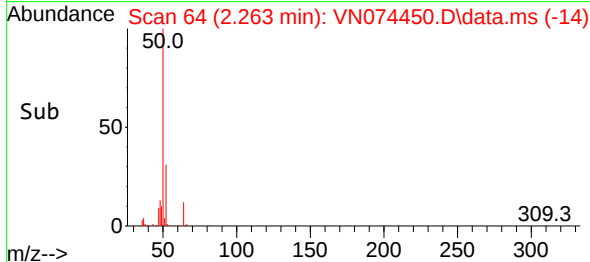
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Tgt Ion: 50 Resp: 16472
Ion Ratio Lower Upper
50 100
52 30.7 24.1 36.1

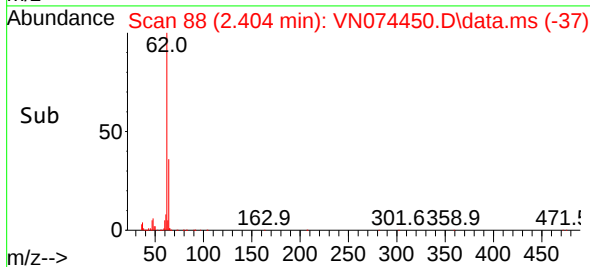
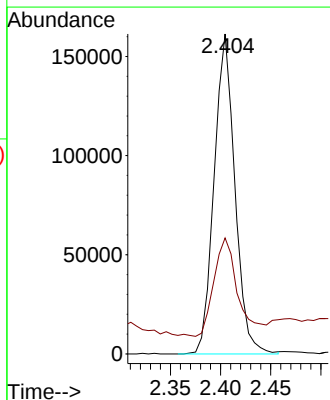
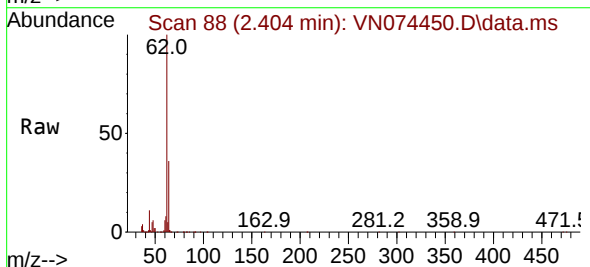
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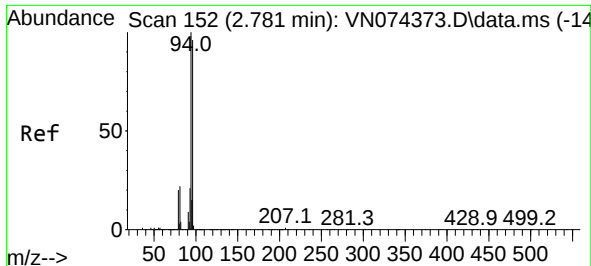
Reviewed By :John Carlone 09/14/2022
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#4
Vinyl Chloride
Concen: 59.185 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

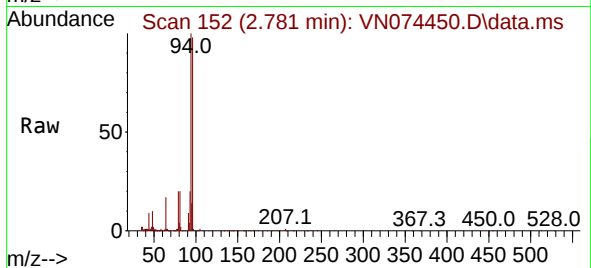
Tgt Ion: 62 Resp: 232265
Ion Ratio Lower Upper
62 100
64 30.5 23.5 35.3





#5
Bromomethane
Concen: 67.012 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

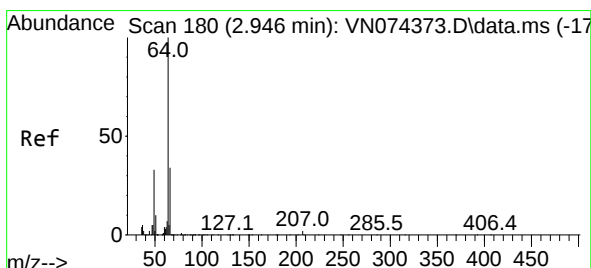
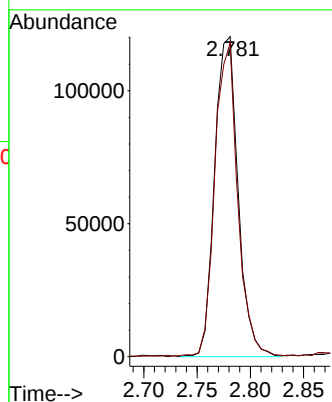
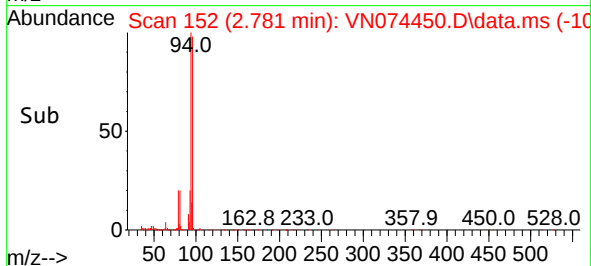
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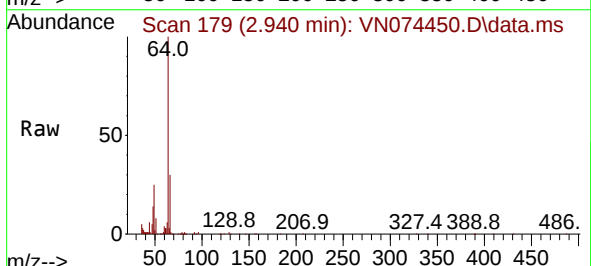
Tgt Ion: 94 Resp: 183768
Ion Ratio Lower Upper
94 100
96 97.7 76.7 115.1

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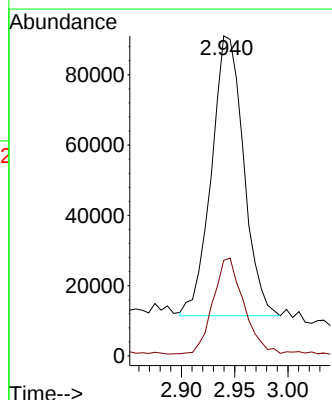
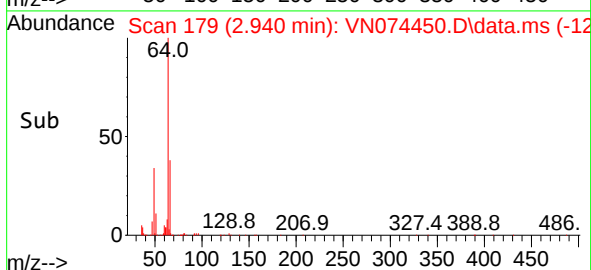
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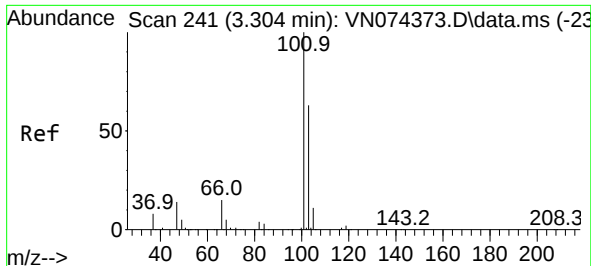


#6
Chloroethane
Concen: 70.777 ug/l
RT: 2.940 min Scan# 179
Delta R.T. -0.006 min
Lab File: VN074450.D
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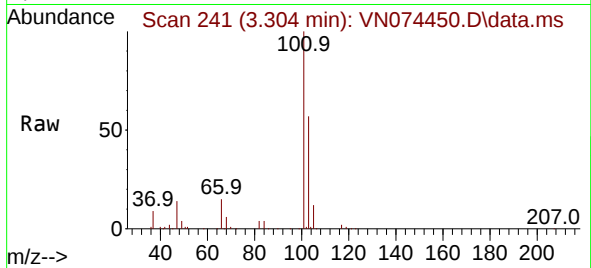
Tgt Ion: 64 Resp: 167509
Ion Ratio Lower Upper
64 100
66 33.4 26.5 39.7





#7
 Trichlorofluoromethane
 Concen: 52.842 ug/l
 RT: 3.304 min Scan# 241
 Delta R.T. 0.000 min
 Lab File: VN074450.D
 Acq: 13 Sep 2022 22:11

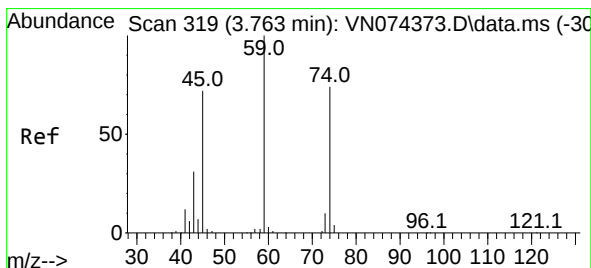
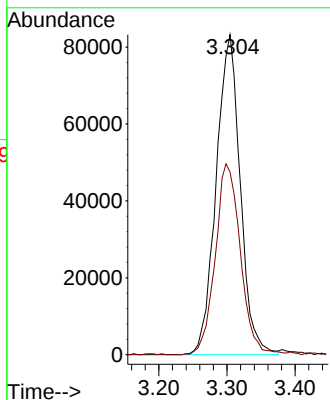
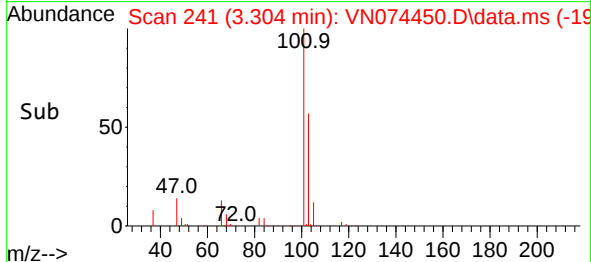
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Tgt Ion:101 Resp: 204762
 Ion Ratio Lower Upper
 101 100
 103 57.1 50.8 76.2

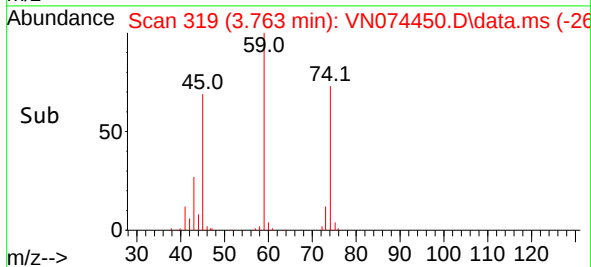
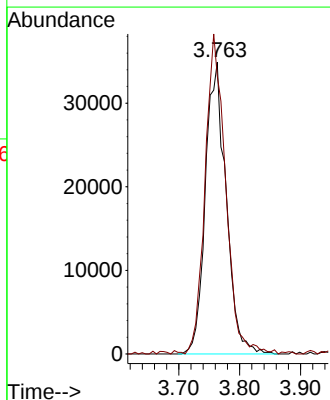
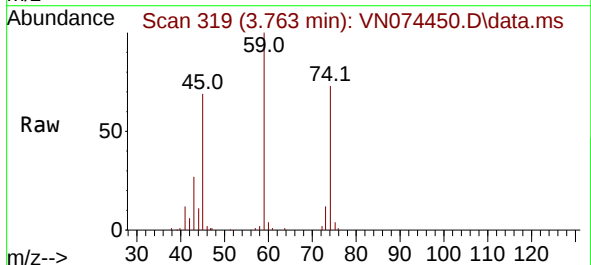
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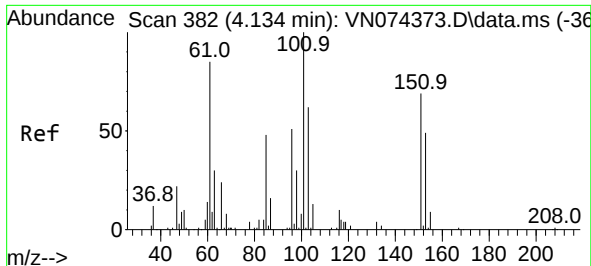
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#8
 Diethyl Ether
 Concen: 50.449 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN074450.D
 Acq: 13 Sep 2022 22:11

Tgt Ion: 74 Resp: 82487
 Ion Ratio Lower Upper
 74 100
 45 108.8 52.4 157.3





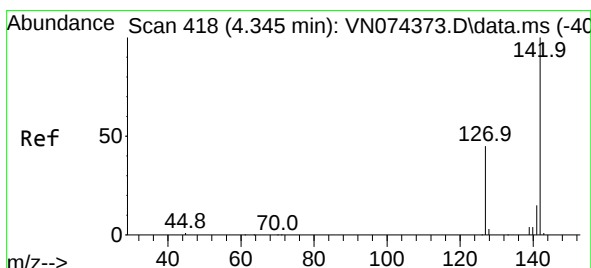
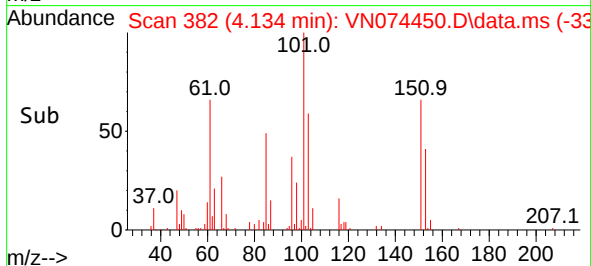
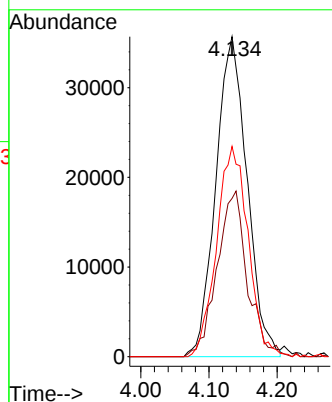
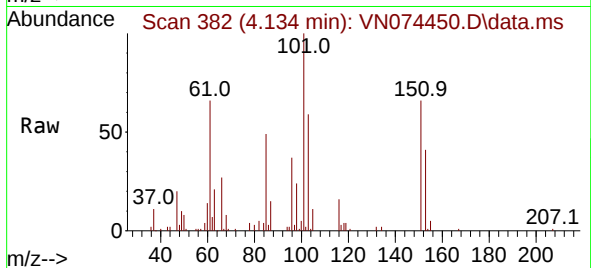
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.038 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 11386
Ion Ratio Lower Upper
101 100
85 50.0 39.5 59.3
151 66.2 57.8 86.6

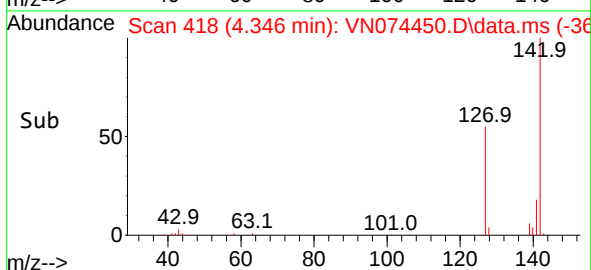
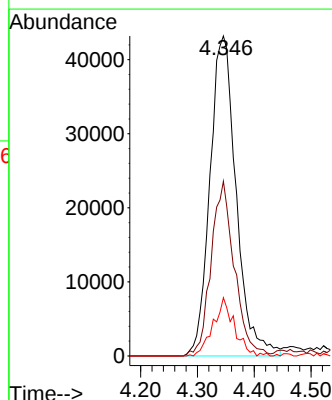
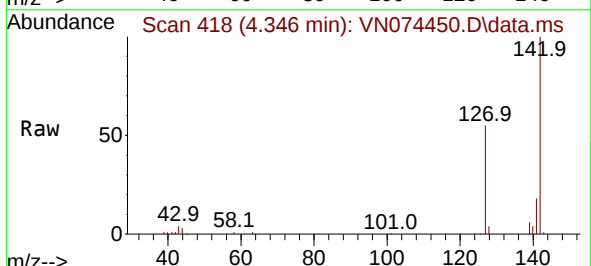
Manual Integrations
APPROVED

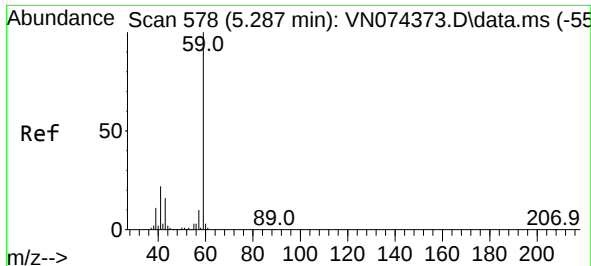
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 51.549 ug/l
RT: 4.346 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

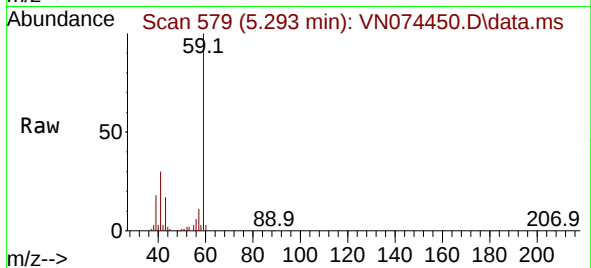
Tgt Ion:142 Resp: 138372
Ion Ratio Lower Upper
142 100
127 48.5 37.4 56.2
141 14.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 253.516 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

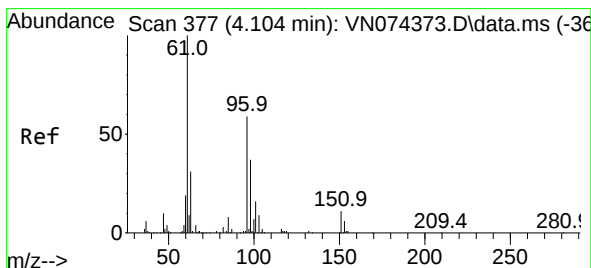
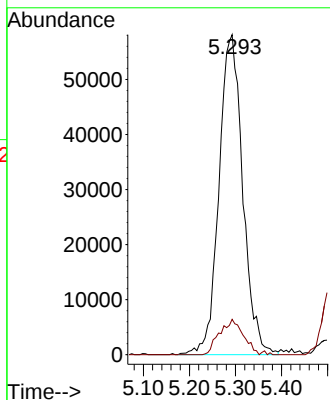
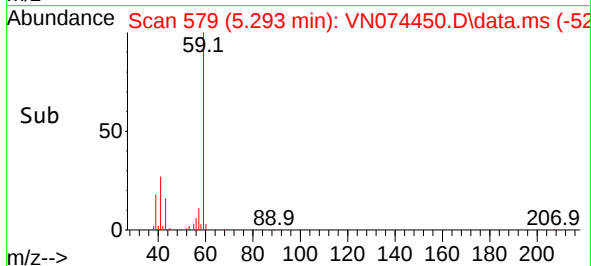
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



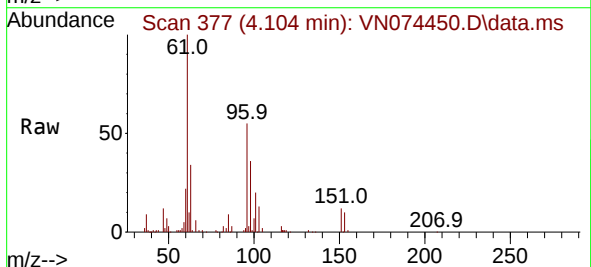
Tgt Ion: 59 Resp: 207954
Ion Ratio Lower Upper
59 100
57 11.0 8.8 13.2

Manual Integrations
APPROVED

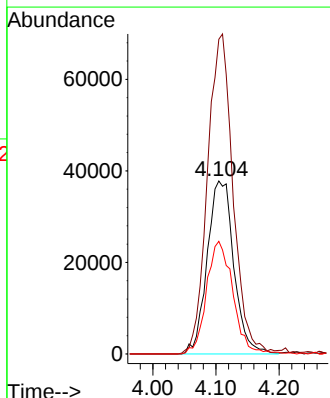
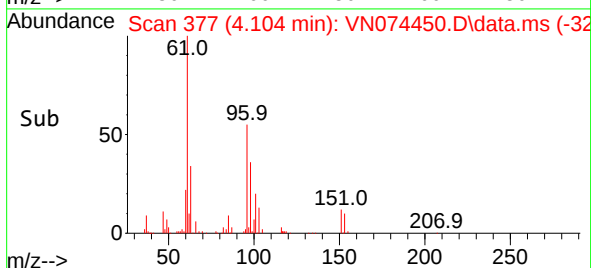
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

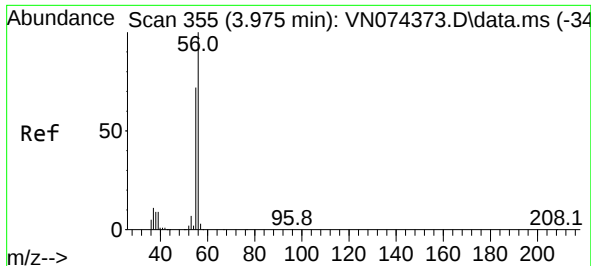


#12
1,1-Dichloroethene
Concen: 49.076 ug/l
RT: 4.104 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



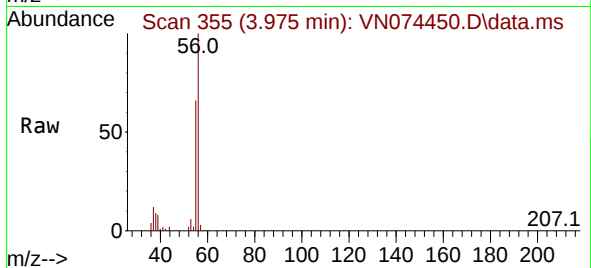
Tgt Ion: 96 Resp: 110889
Ion Ratio Lower Upper
96 100
61 182.0 134.7 202.1
98 65.1 50.2 75.4





#13
Acrolein
Concen: 223.840 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

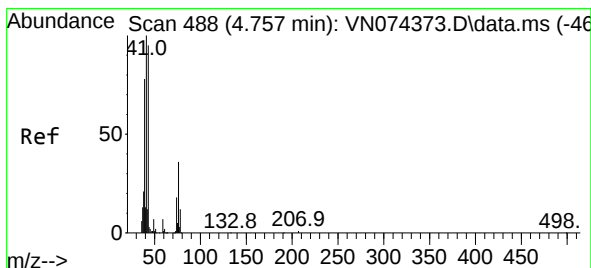
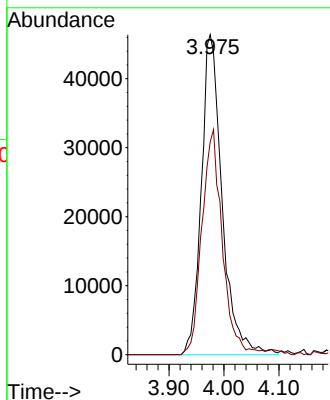
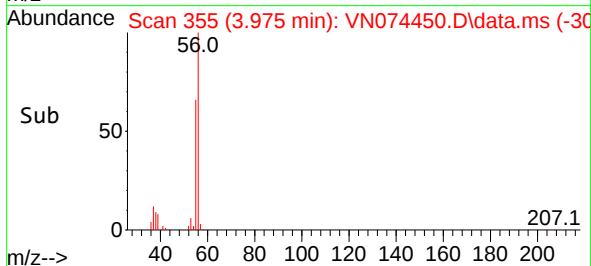
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 121968
Ion Ratio Lower Upper
56 100
55 69.1 56.2 84.4

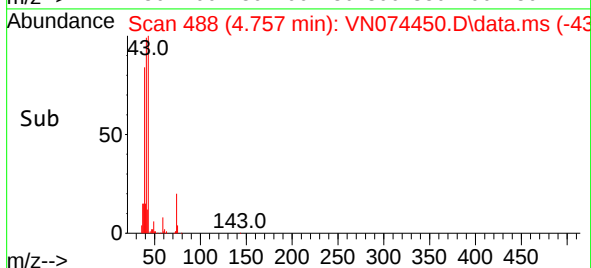
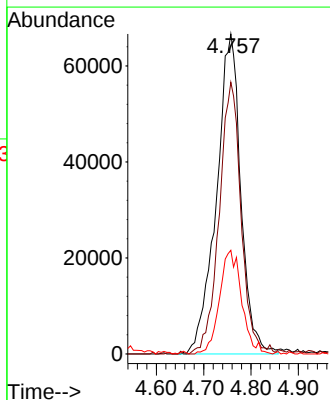
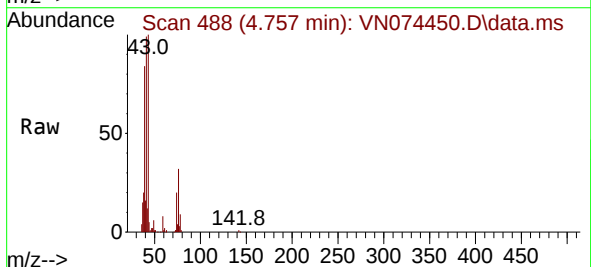
Manual Integrations
APPROVED

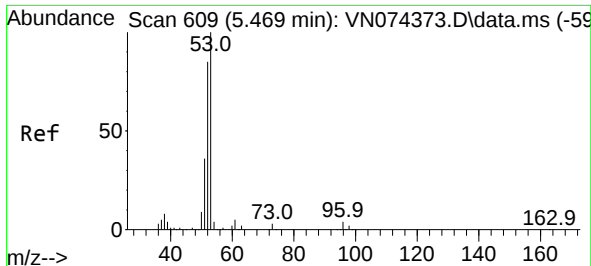
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#14
Allyl chloride
Concen: 48.200 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

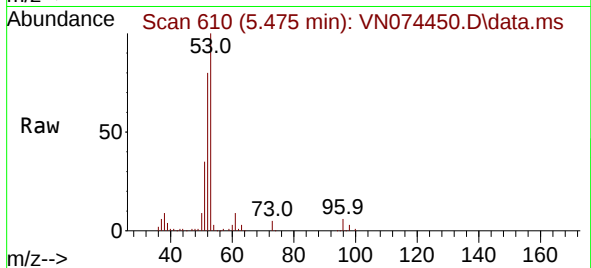
Tgt Ion: 41 Resp: 238897
Ion Ratio Lower Upper
41 100
39 76.1 58.5 87.7
76 29.3 24.2 36.4





#15
Acrylonitrile
Concen: 288.013 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

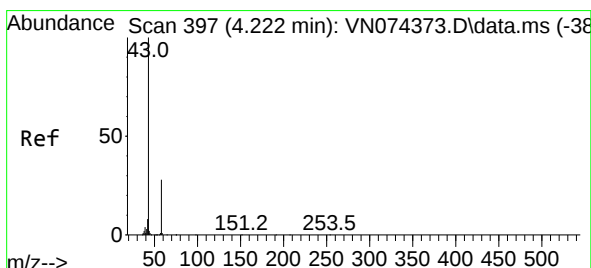
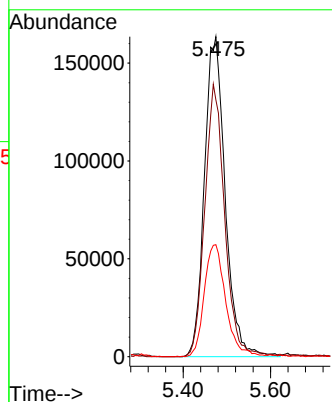
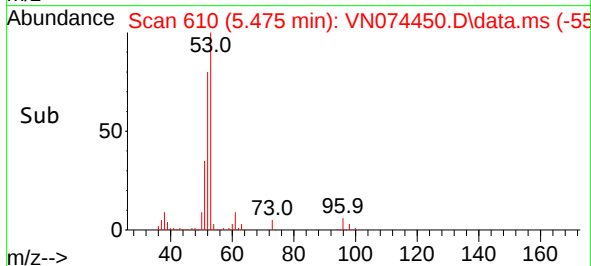
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 540509
Ion Ratio Lower Upper
53 100
52 81.7 65.9 98.9
51 36.3 29.4 44.2

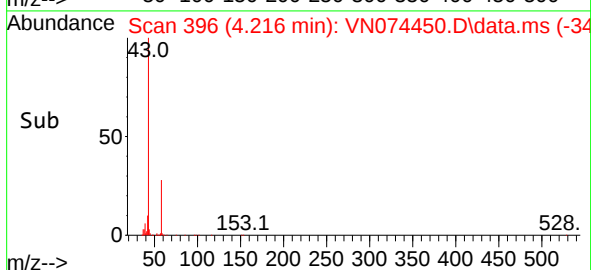
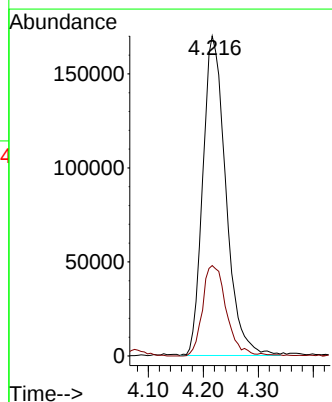
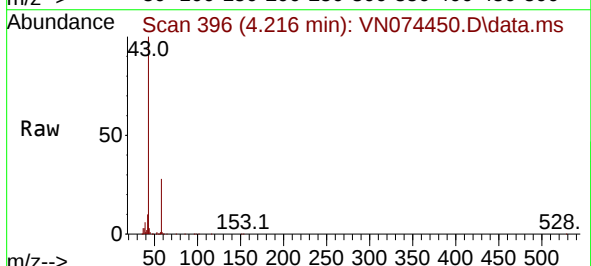
Manual Integrations
APPROVED

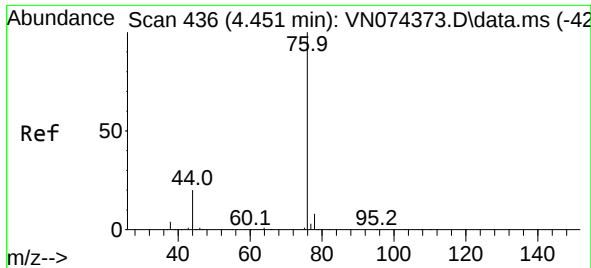
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#16
Acetone
Concen: 291.989 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Tgt Ion: 43 Resp: 494360
Ion Ratio Lower Upper
43 100
58 28.3 22.7 34.1





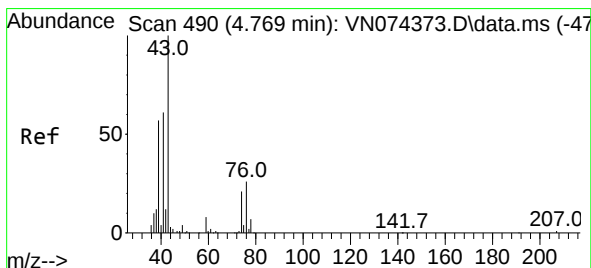
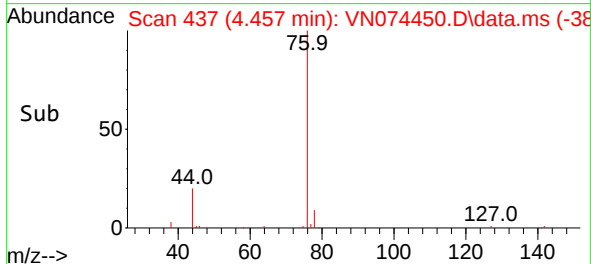
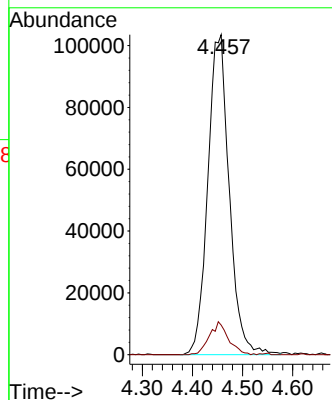
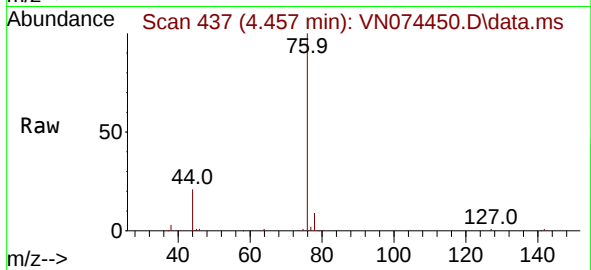
#17
Carbon Disulfide
Concen: 50.111 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 30773
Ion Ratio Lower Upper
76 100
78 9.2 6.5 9.7

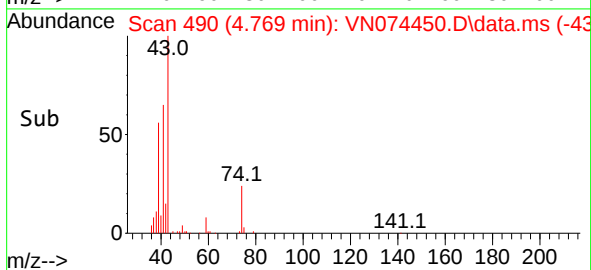
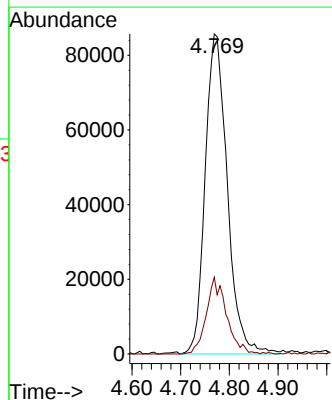
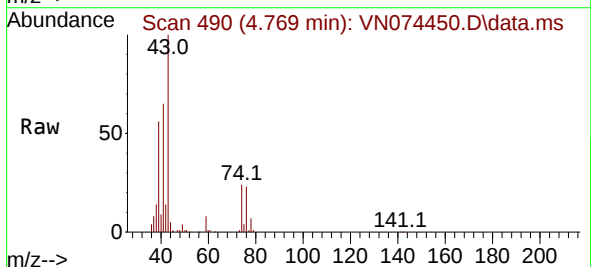
Manual Integrations
APPROVED

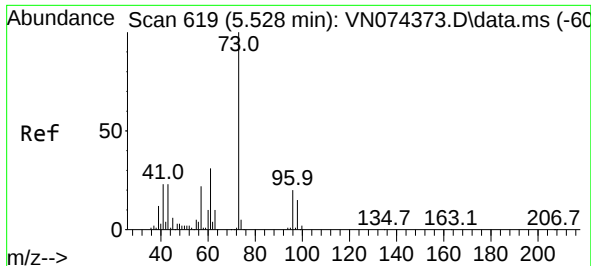
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 54.097 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

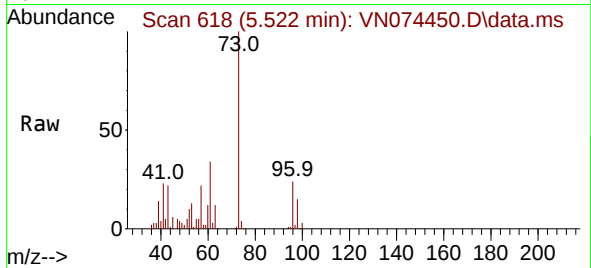
Tgt Ion: 43 Resp: 269997
Ion Ratio Lower Upper
43 100
74 21.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 51.817 ug/l
RT: 5.522 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

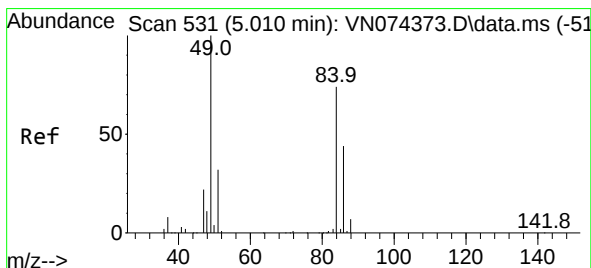
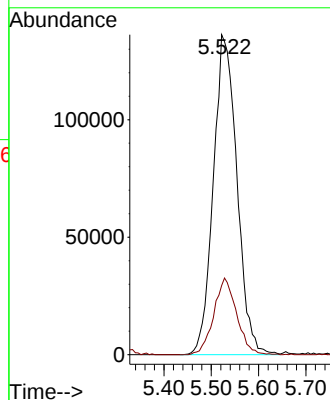
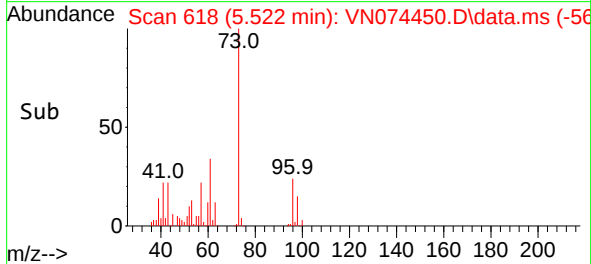
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 471249
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

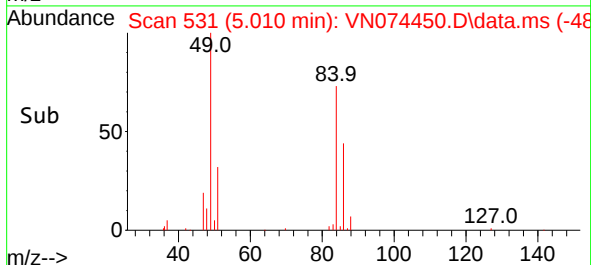
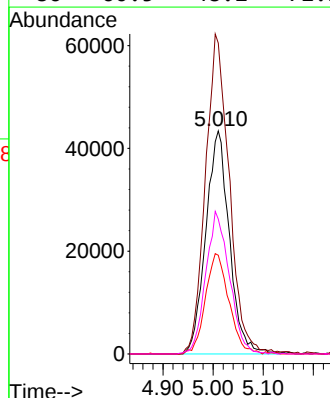
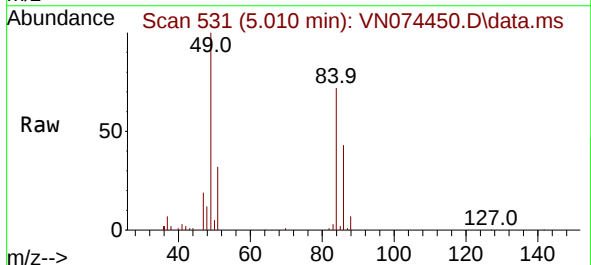
Manual Integrations
APPROVED

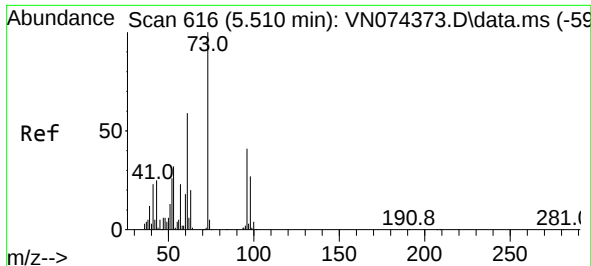
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 57.285 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

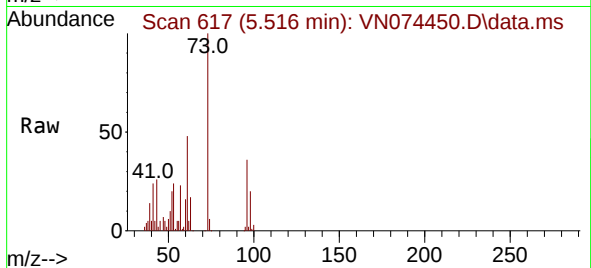
Tgt Ion: 84 Resp: 141762
Ion Ratio Lower Upper
84 100
49 139.4 108.2 162.4
51 44.3 34.3 51.5
86 60.5 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 47.762 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

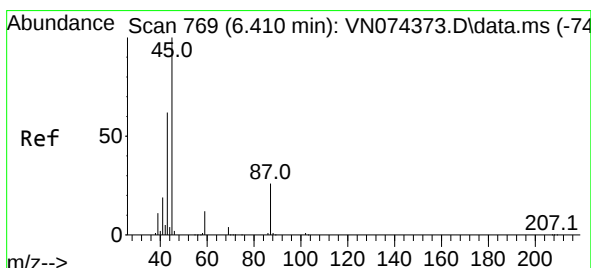
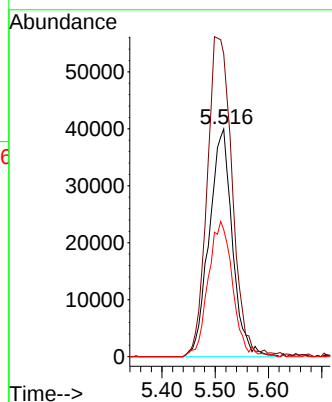
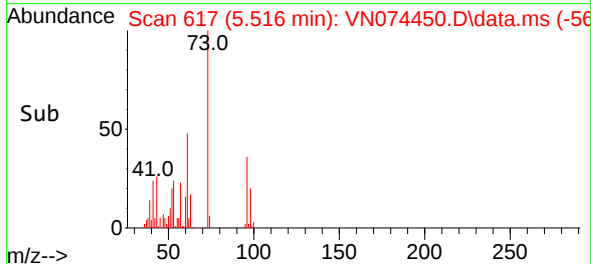
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 120929
Ion Ratio Lower Upper
96 100
61 133.0 115.3 172.9
98 55.8 53.4 80.0

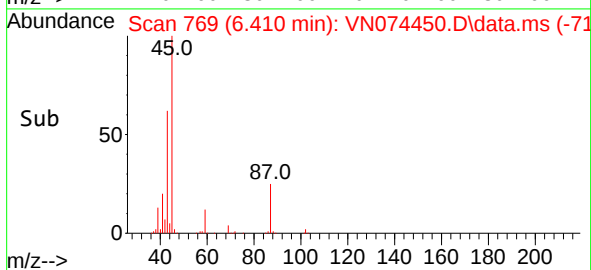
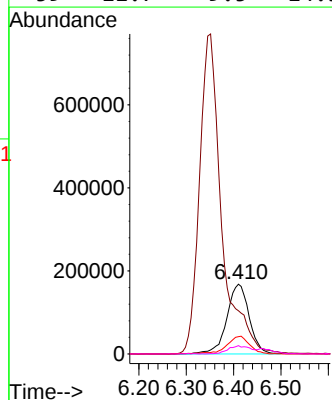
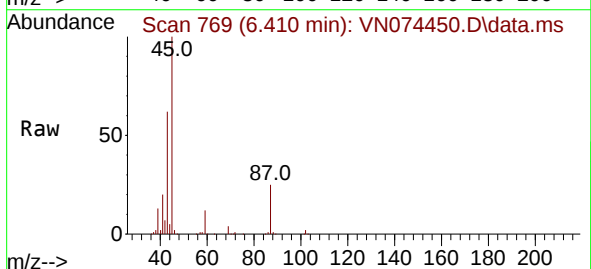
Manual Integrations
APPROVED

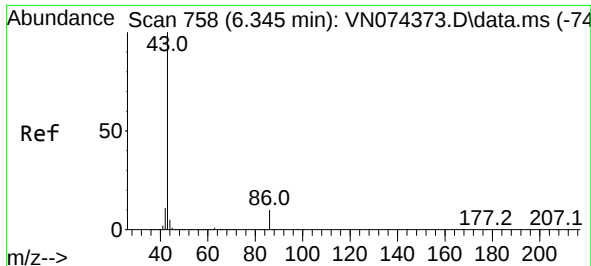
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 55.135 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

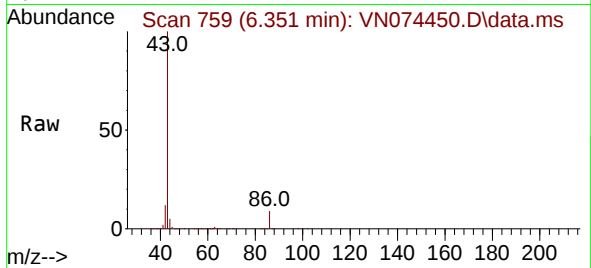
Tgt Ion: 45 Resp: 550214
Ion Ratio Lower Upper
45 100
43 60.5 49.4 74.0
87 24.6 21.3 31.9
59 11.7 9.5 14.3





#23
 Vinyl Acetate
 Concen: 281.416 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.006 min
 Lab File: VN074450.D
 Acq: 13 Sep 2022 22:11

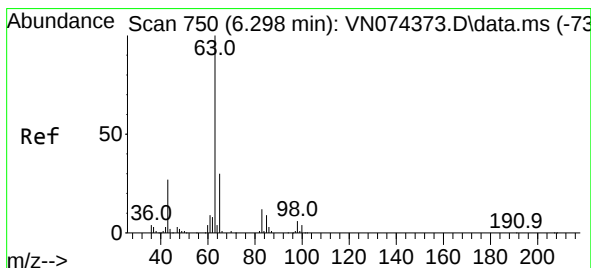
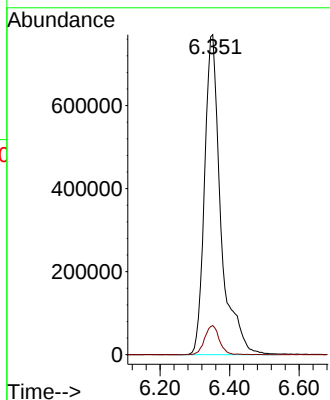
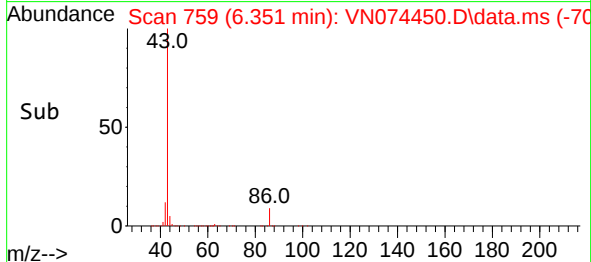
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2506304
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4

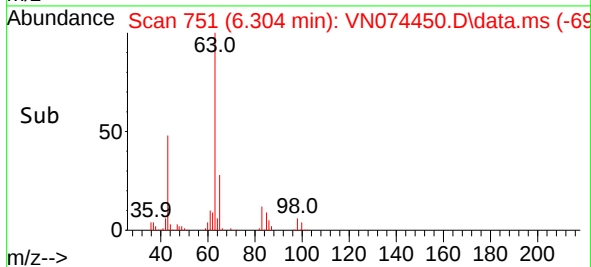
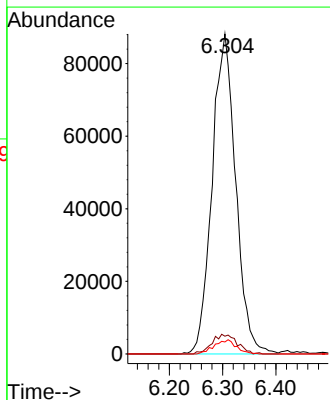
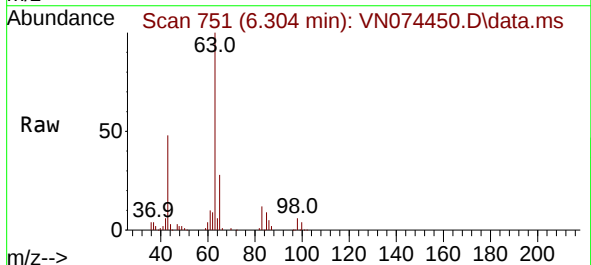
Manual Integrations
 APPROVED

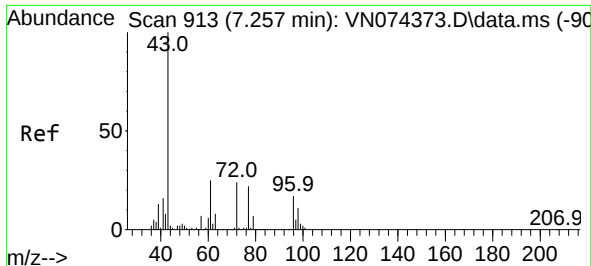
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#24
 1,1-Dichloroethane
 Concen: 52.896 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074450.D
 Acq: 13 Sep 2022 22:11

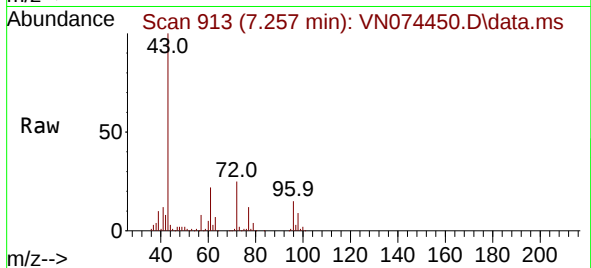
Tgt Ion: 63 Resp: 271235
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.6
 100 3.7 2.0 5.8





#25
2-Butanone
Concen: 289.390 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

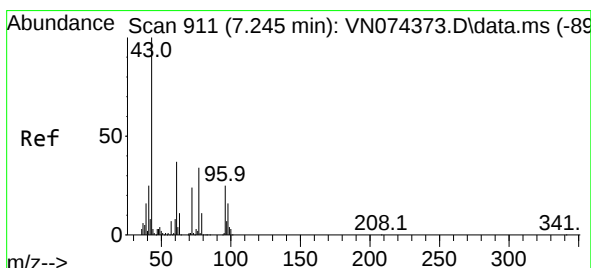
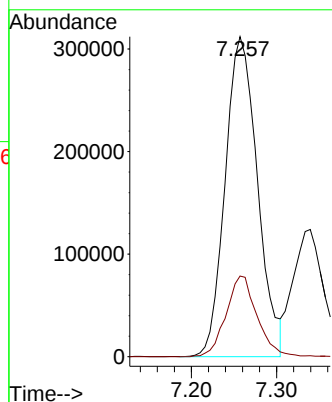
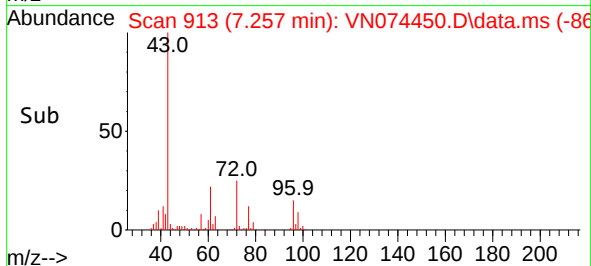
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



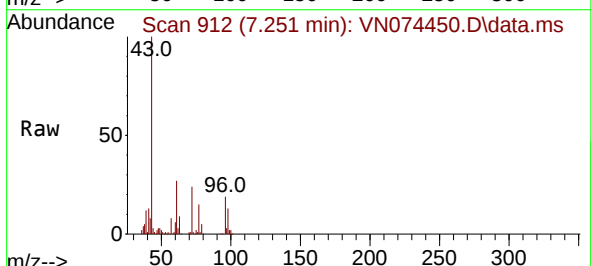
Tgt Ion: 43 Resp: 822460
Ion Ratio Lower Upper
43 100
72 25.2 18.9 28.3

Manual Integrations
APPROVED

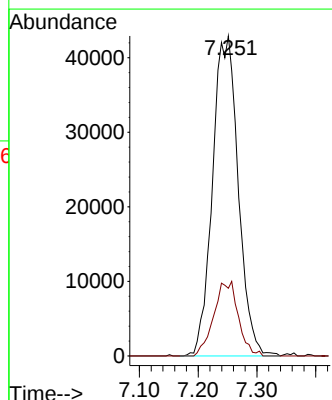
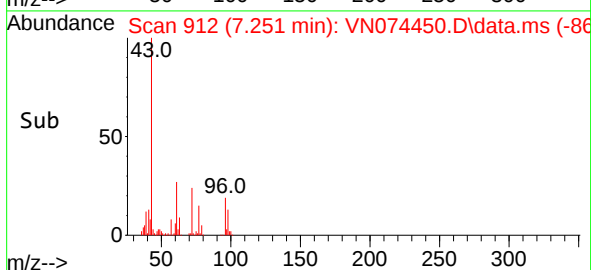
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

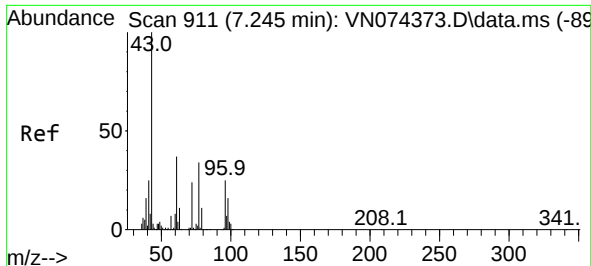


#26
2,2-Dichloropropane
Concen: 28.128 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



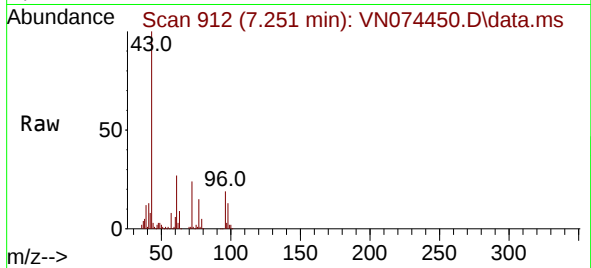
Tgt Ion: 77 Resp: 130479
Ion Ratio Lower Upper
77 100
97 22.1 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 48.936 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074450.D
 Acq: 13 Sep 2022 22:11

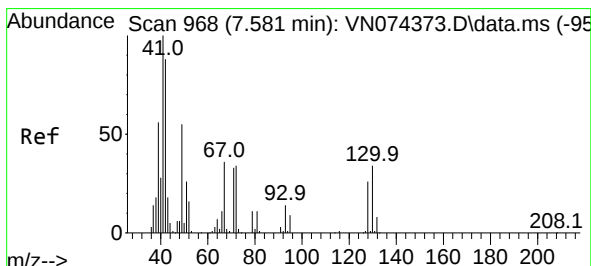
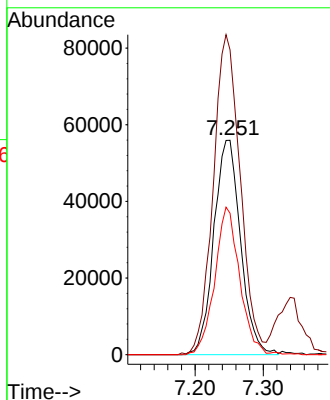
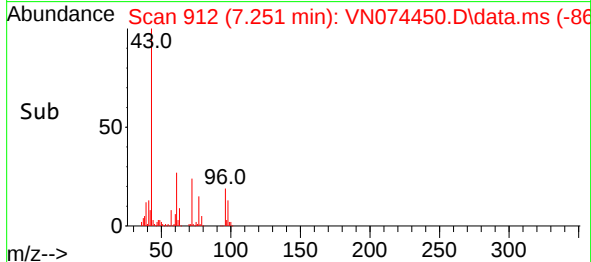
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 152650
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 306.2
 98 64.0 0.0 129.8

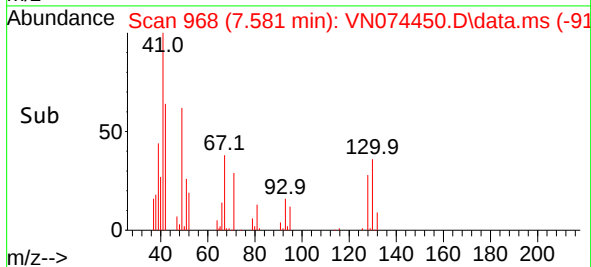
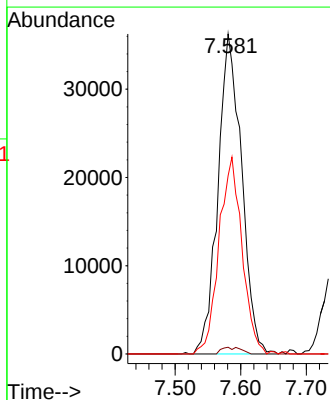
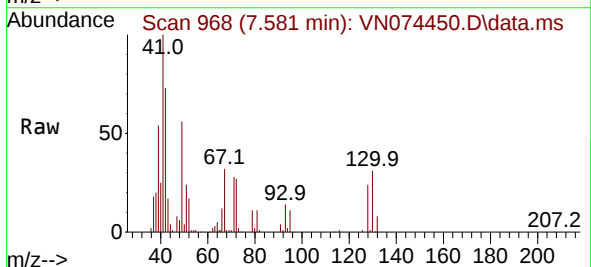
Manual Integrations
 APPROVED

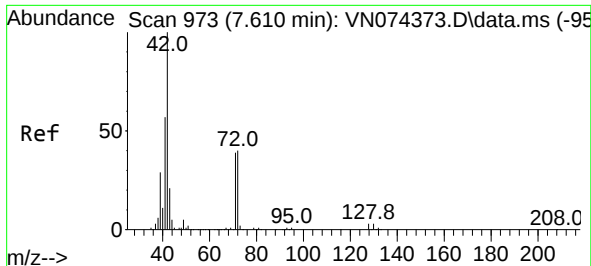
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#28
 Bromochloromethane
 Concen: 59.186 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN074450.D
 Acq: 13 Sep 2022 22:11

Tgt Ion: 49 Resp: 90728
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 2.2
 130 60.1 50.0 75.0





#29

Tetrahydrofuran

Concen: 297.678 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

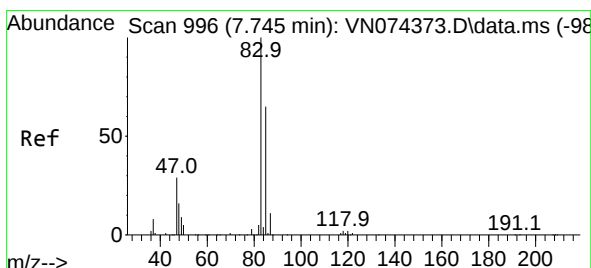
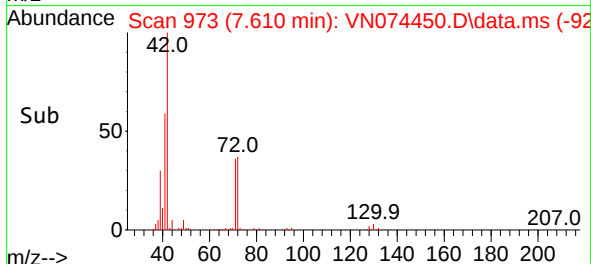
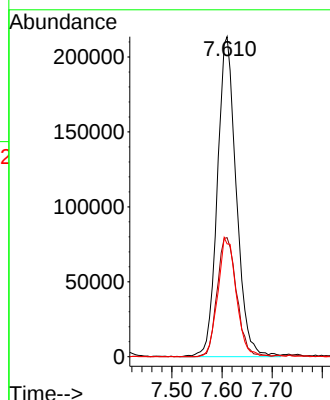
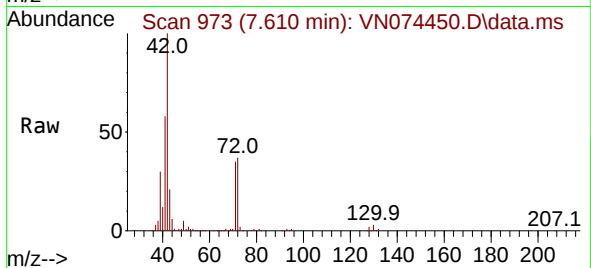
Tgt Ion:	42	Resp:	55925
Ion Ratio	Lower	Upper	
42	100		
72	38.3	32.7	49.1
71	36.4	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 53.986 ug/l

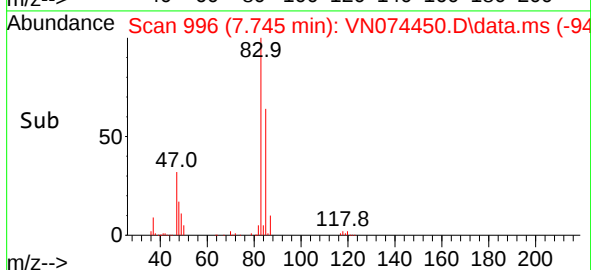
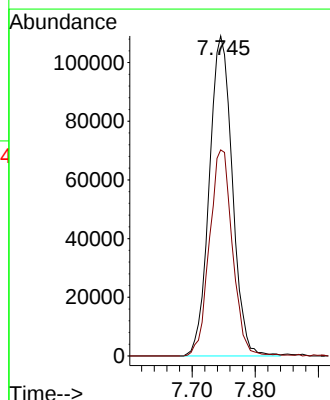
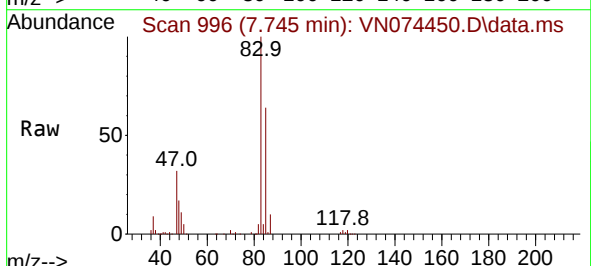
RT: 7.745 min Scan# 996

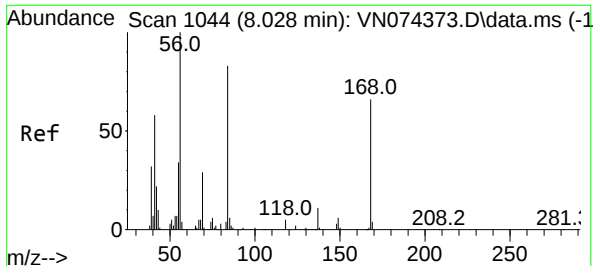
Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

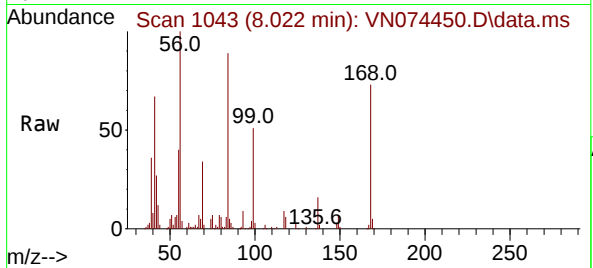
Tgt Ion:	83	Resp:	276322
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.8	77.6





#31
Cyclohexane
Concen: 47.342 ug/l
RT: 8.022 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

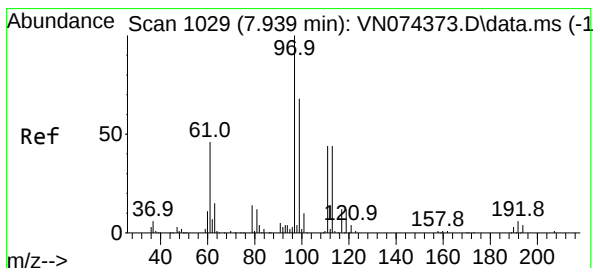
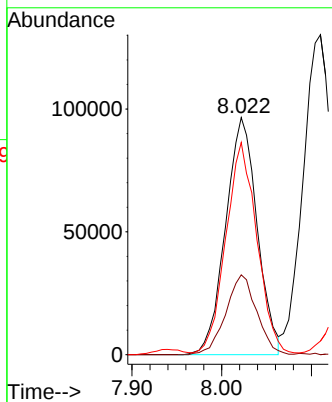
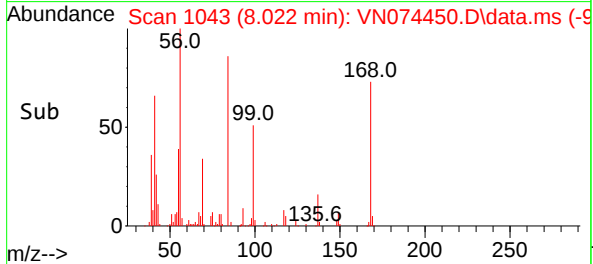
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 236125
Ion Ratio Lower Upper
56 100
69 33.2 23.0 34.4
84 87.5 66.3 99.5

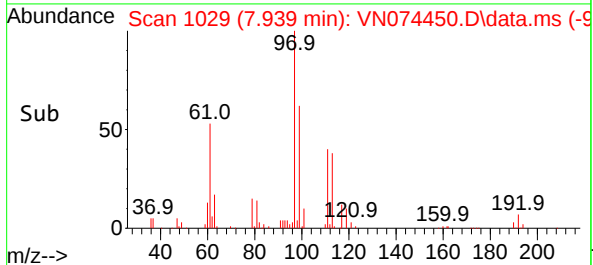
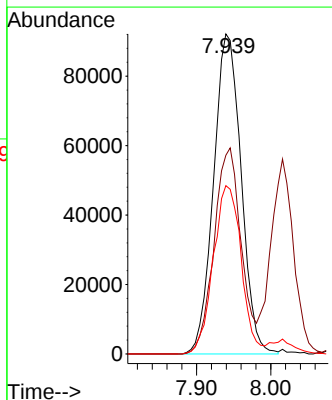
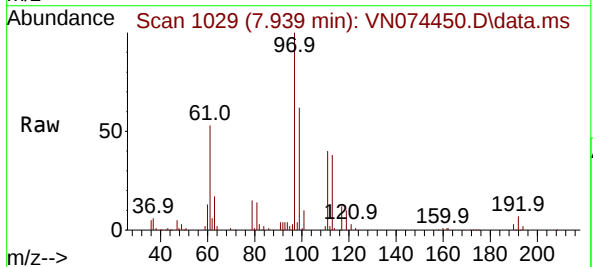
Manual Integrations
APPROVED

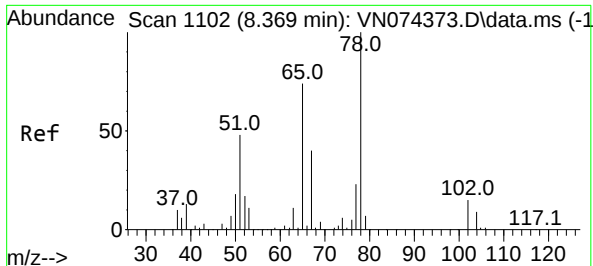
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#32
1,1,1-Trichloroethane
Concen: 51.899 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Tgt Ion: 97 Resp: 238306
Ion Ratio Lower Upper
97 100
99 63.5 50.2 75.2
61 53.5 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 54.778 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 17178

Ion Ratio Lower Upper

65 100

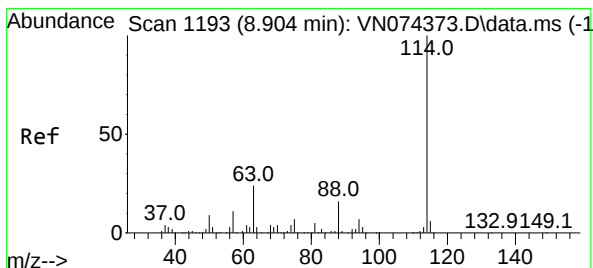
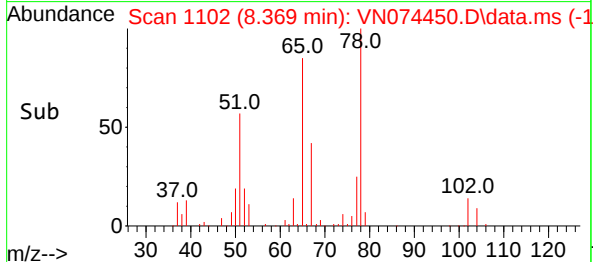
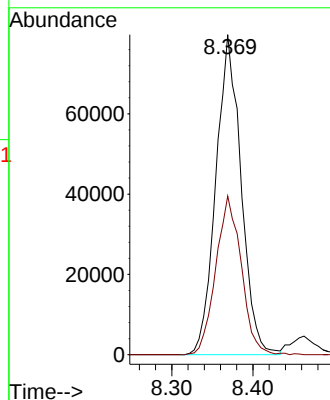
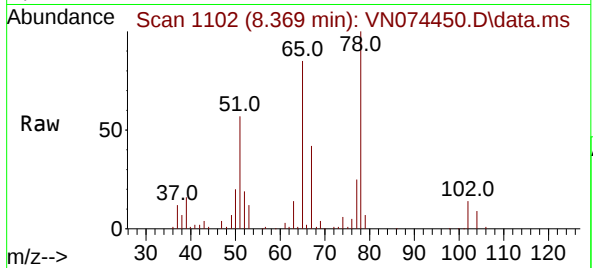
67 50.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

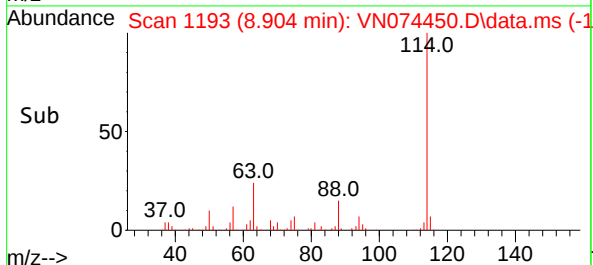
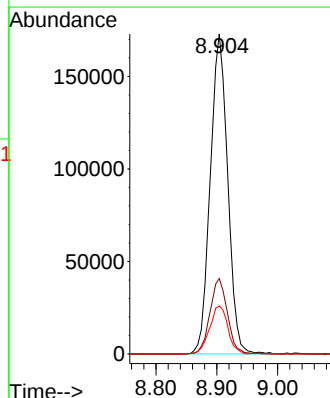
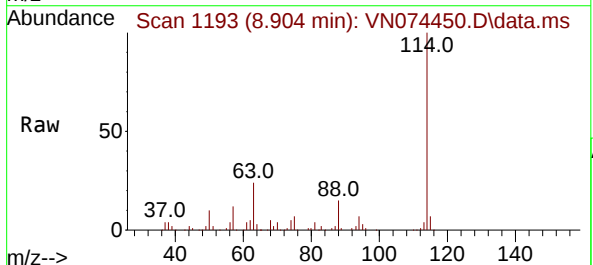
Tgt Ion:114 Resp: 343686

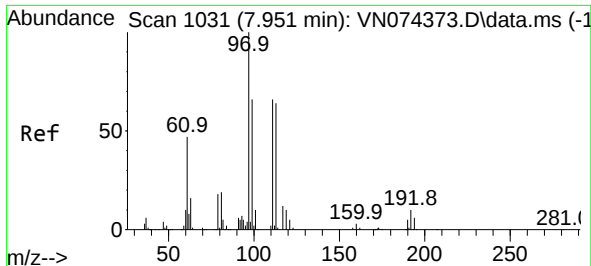
Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.6

88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.321 ug/l

RT: 7.945 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VN074450.D

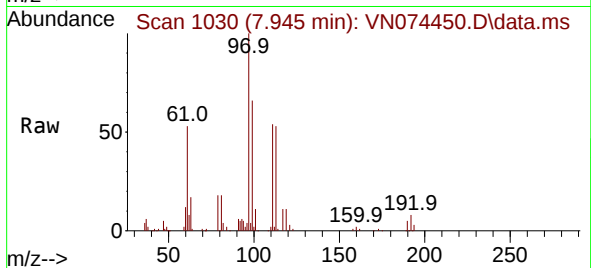
Acq: 13 Sep 2022 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 119070

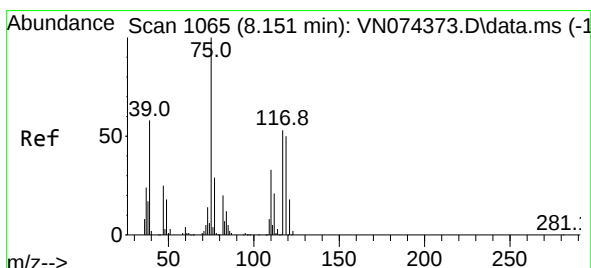
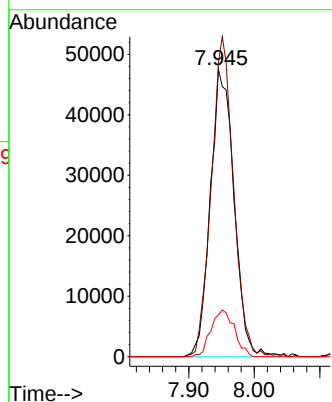
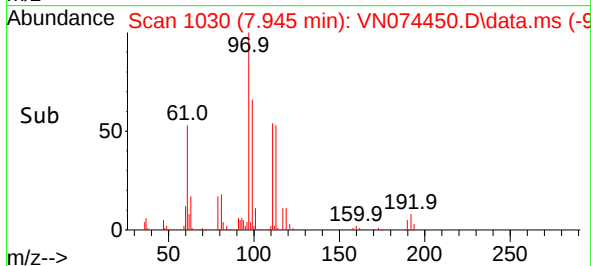
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.4
192	16.1	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#36

1,1-Dichloropropene

Concen: 51.707 ug/l

RT: 8.151 min Scan# 1065

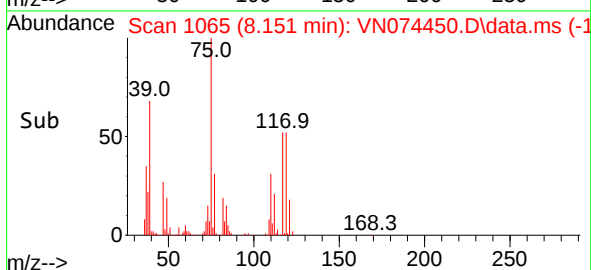
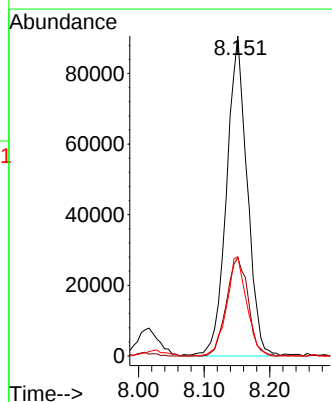
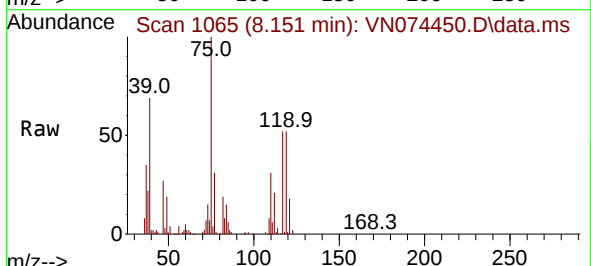
Delta R.T. 0.000 min

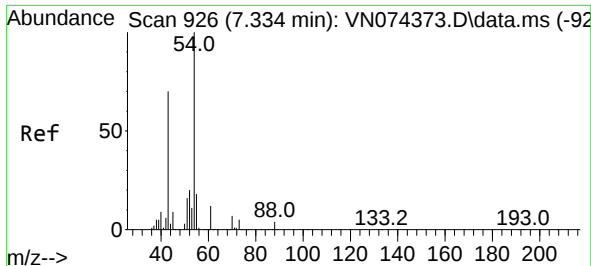
Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Tgt Ion: 75 Resp: 197646

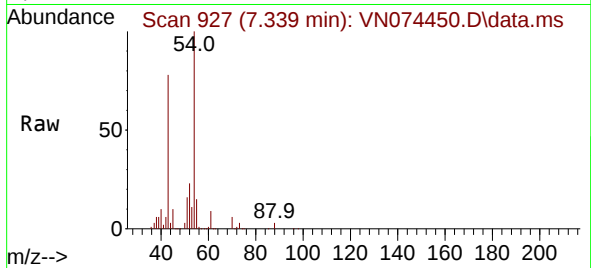
Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.4	49.1
77	30.5	25.4	38.2





#37
Ethyl Acetate
Concen: 57.692 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

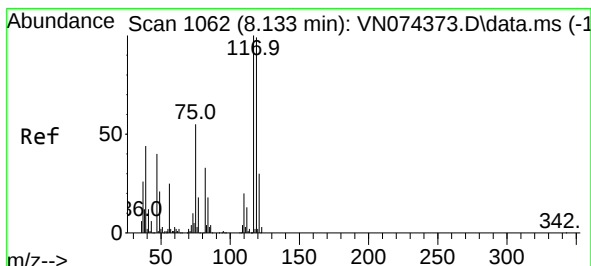
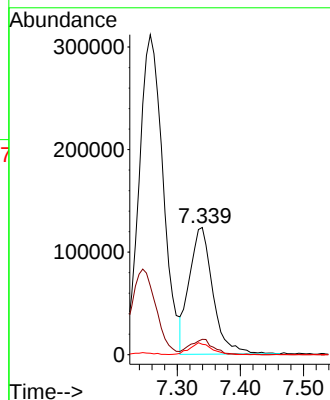
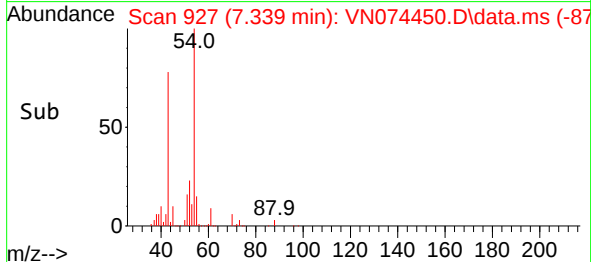
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31989
Ion Ratio Lower Upper
43 100
61 12.1 11.1 16.7
70 8.7 7.2 10.8

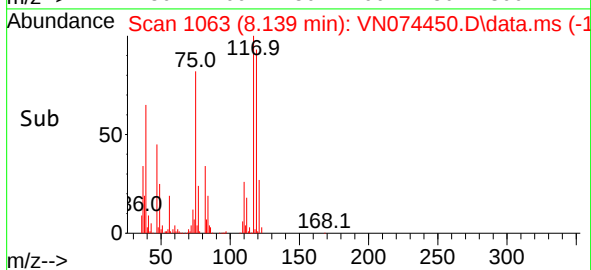
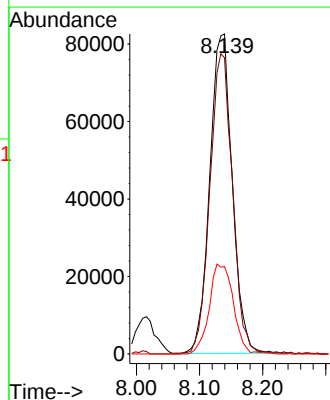
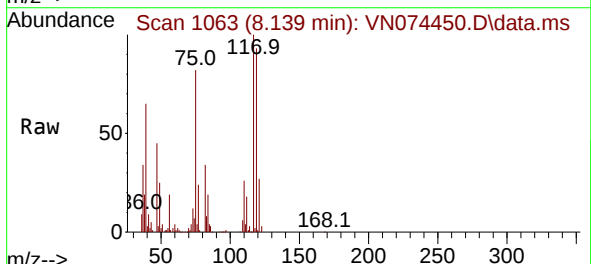
Manual Integrations
APPROVED

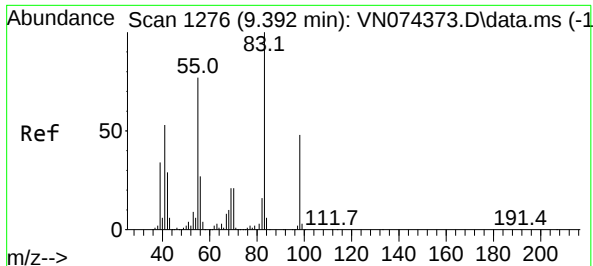
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#38
Carbon Tetrachloride
Concen: 51.759 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Tgt Ion:117 Resp: 204251
Ion Ratio Lower Upper
117 100
119 92.8 78.8 118.2
121 27.4 24.1 36.1





#39

Methylcyclohexane

Concen: 46.805 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

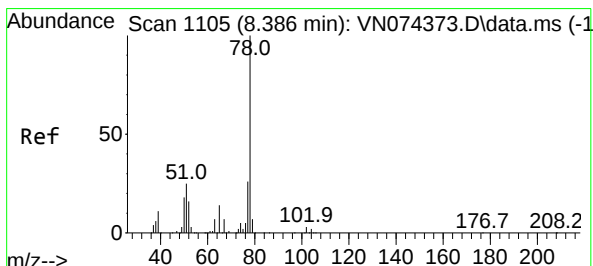
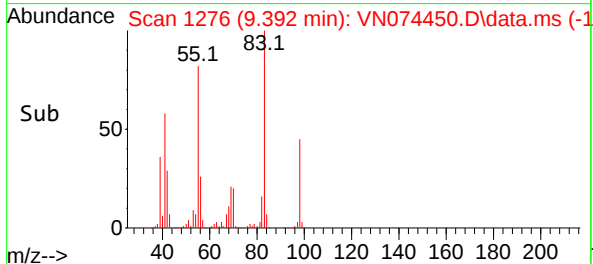
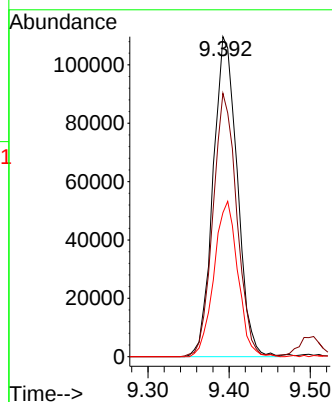
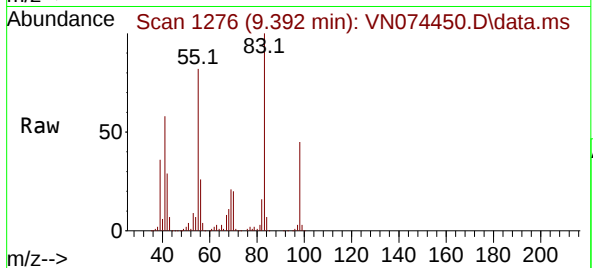
Tgt Ion:	83	Resp:	226750
Ion Ratio	Lower	Upper	
83	100		
55	82.3	61.2	91.8
98	45.0	38.5	57.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 52.003 ug/l

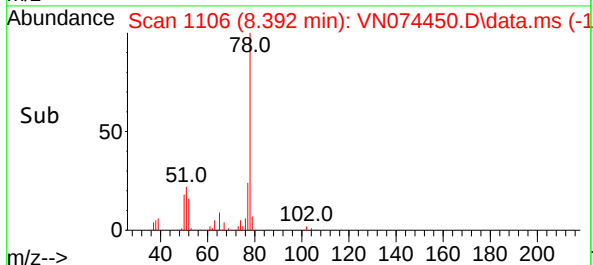
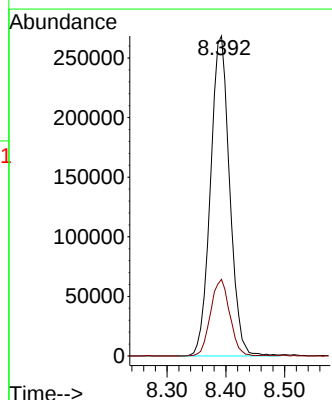
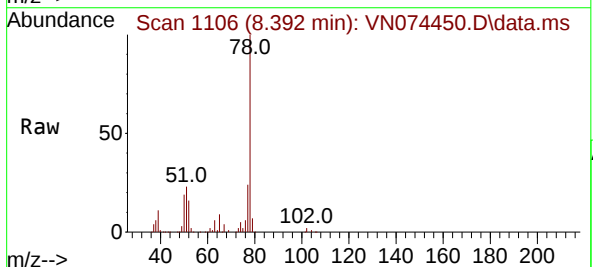
RT: 8.392 min Scan# 1106

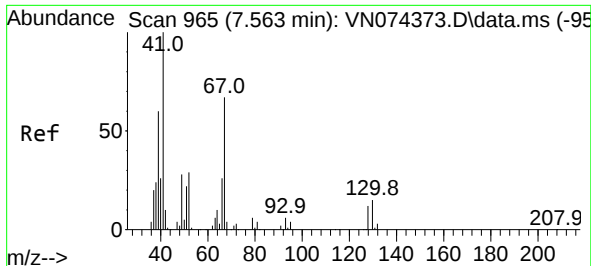
Delta R.T. 0.006 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

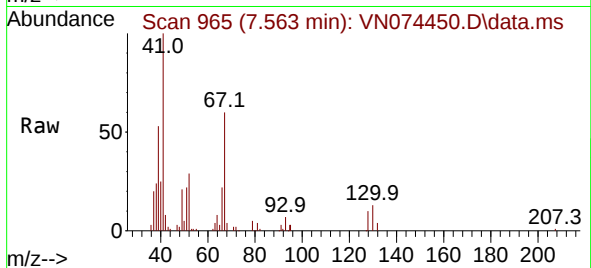
Tgt Ion:	78	Resp:	608614
Ion Ratio	Lower	Upper	
78	100		
77	24.0	20.6	31.0





#41
Methacrylonitrile
Concen: 51.314 ug/l
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

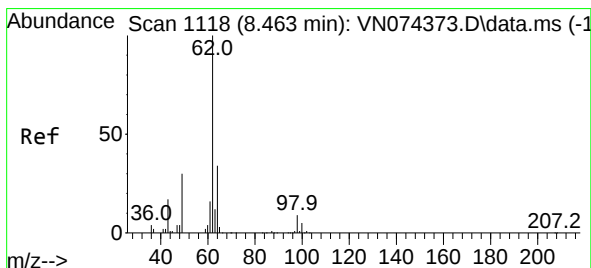
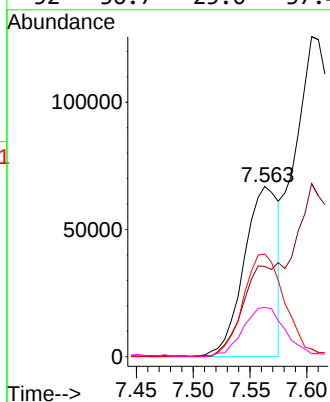
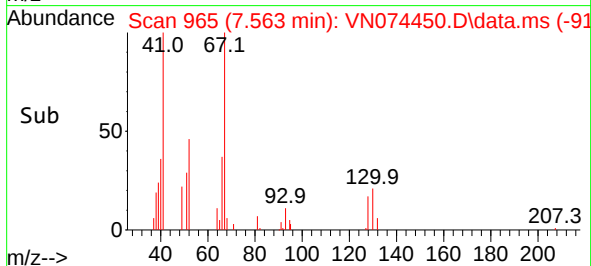
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



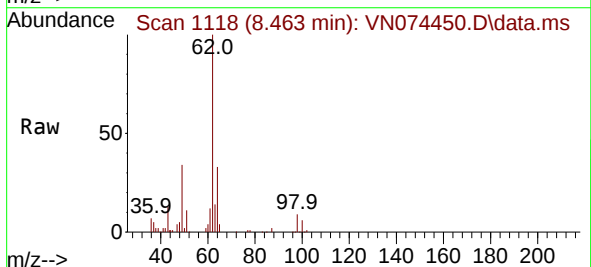
Tgt Ion: 41 Resp: 141184
Ion Ratio Lower Upper
41 100
39 46.8 39.2 58.8
67 73.1 53.6 80.4
52 36.7 25.0 37.4

Manual Integrations
APPROVED

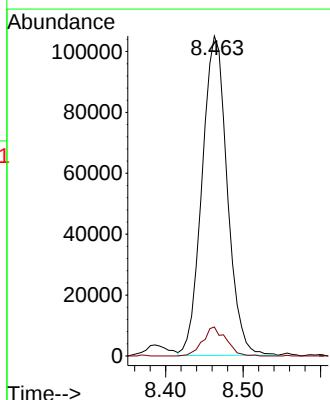
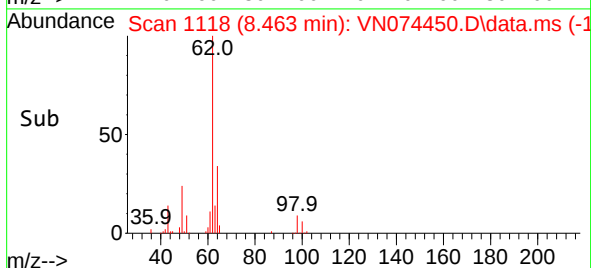
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

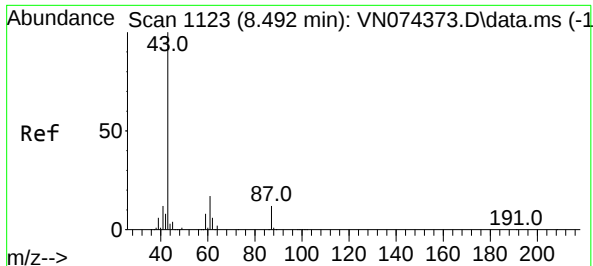


#42
1,2-Dichloroethane
Concen: 53.020 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



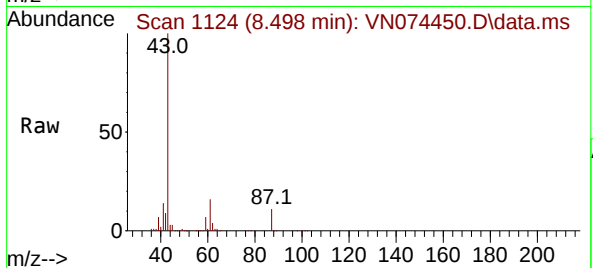
Tgt Ion: 62 Resp: 237217
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 54.018 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

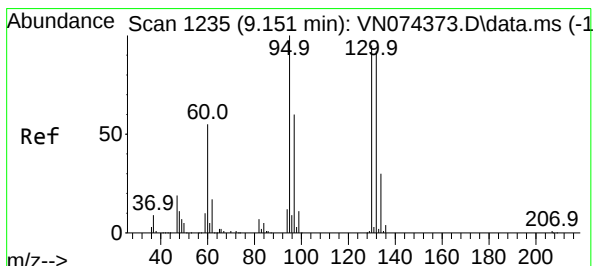
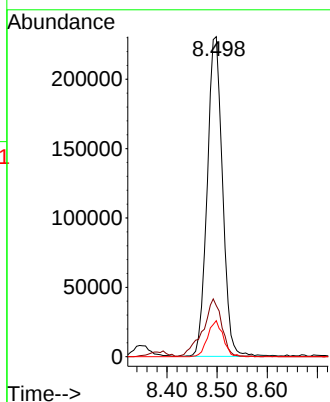
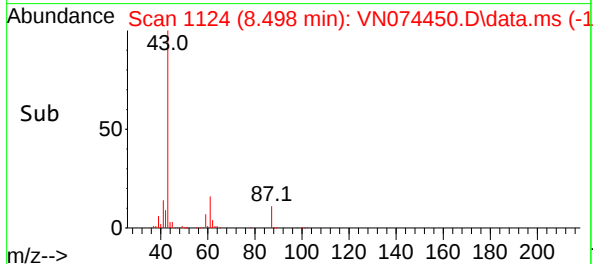
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 48983
Ion Ratio Lower Upper
43 100
61 22.3 18.6 27.8
87 11.3 9.4 14.2

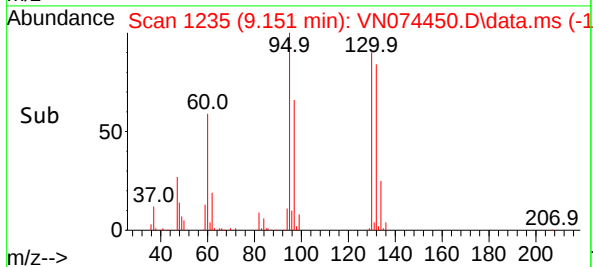
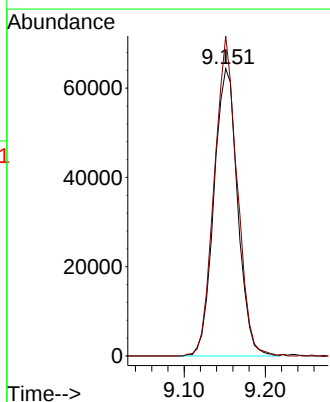
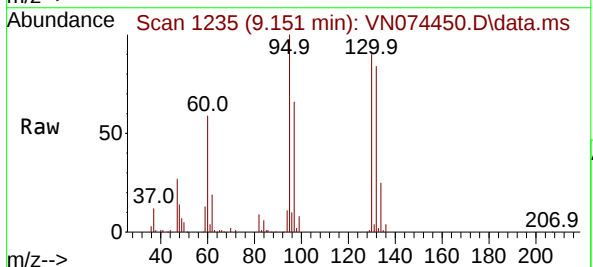
Manual Integrations
APPROVED

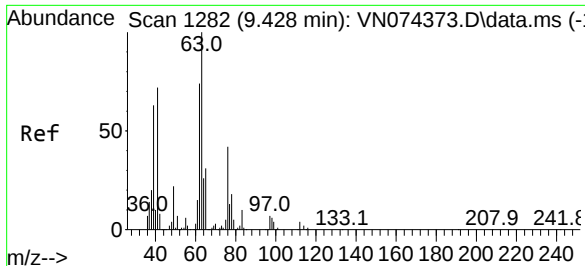
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#44
Trichloroethene
Concen: 49.811 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Tgt Ion:130 Resp: 130691
Ion Ratio Lower Upper
130 100
95 111.4 0.0 210.0





#45

1,2-Dichloropropane

Concen: 52.094 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 16184

Ion Ratio Lower Upper

63 100

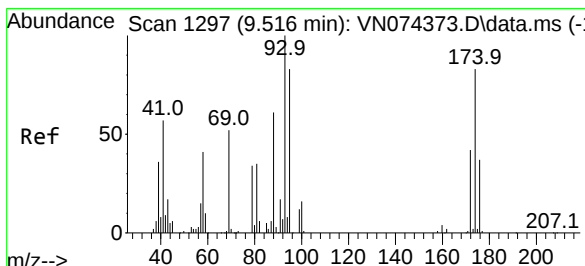
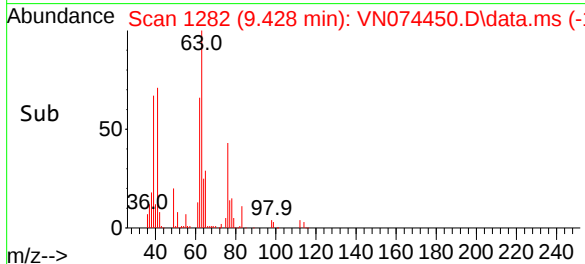
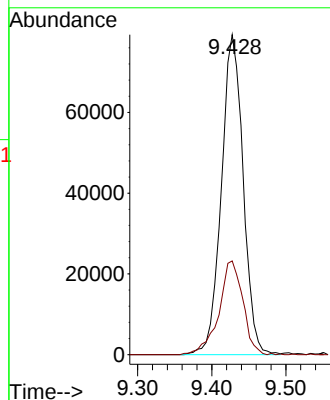
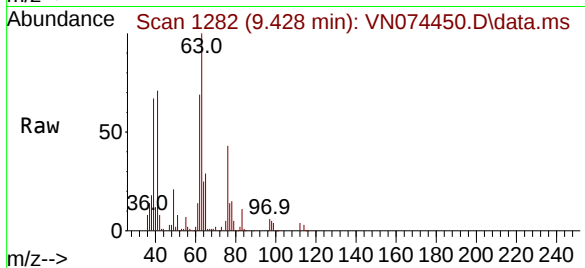
65 29.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 54.349 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

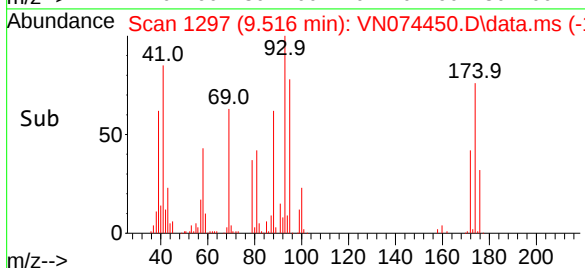
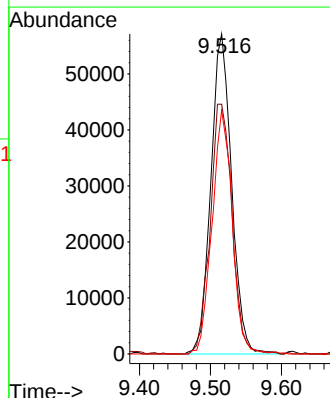
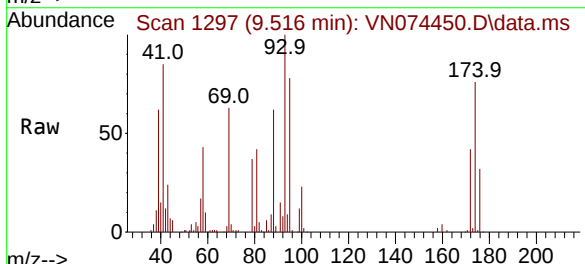
Tgt Ion: 93 Resp: 115610

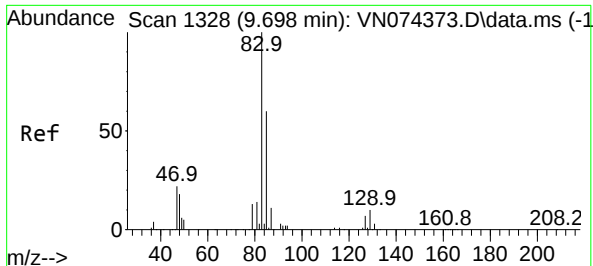
Ion Ratio Lower Upper

93 100

95 82.6 67.5 101.3

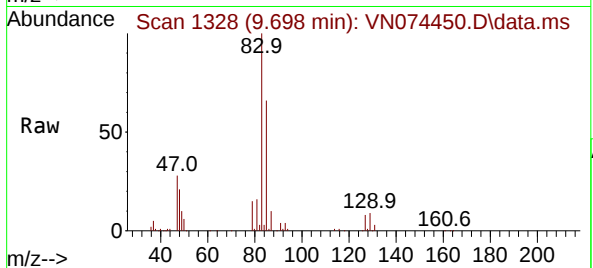
174 74.1 67.2 100.8





#47
Bromodichloromethane
Concen: 51.317 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

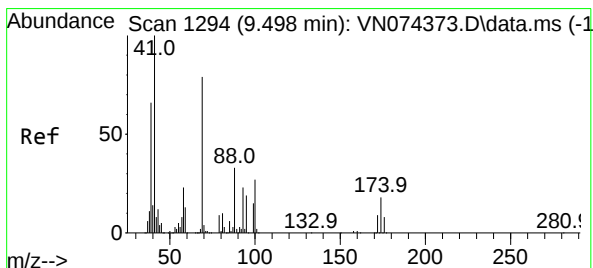
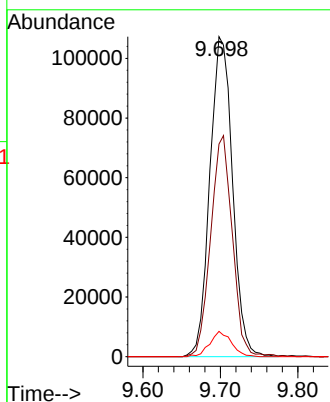
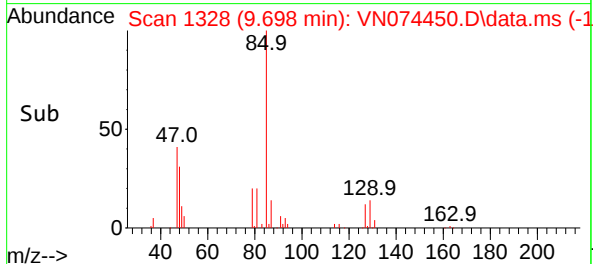
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



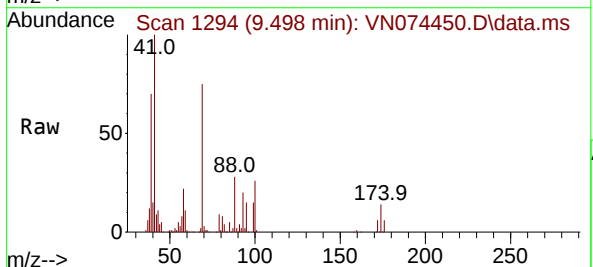
Tgt Ion: 83 Resp: 217584
Ion Ratio Lower Upper
83 100
85 66.4 47.7 71.5
127 7.9 5.4 8.2

Manual Integrations
APPROVED

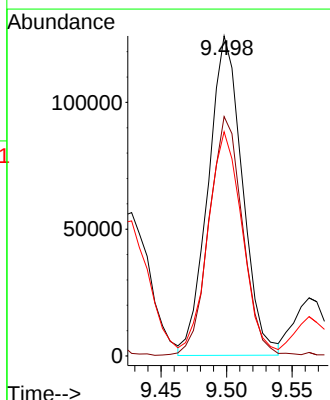
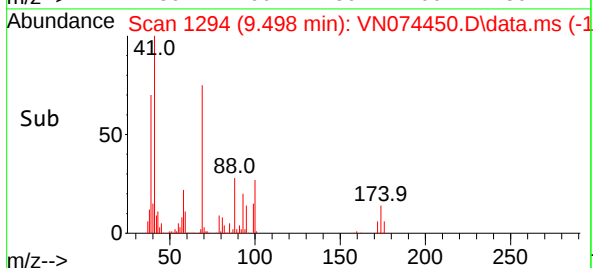
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

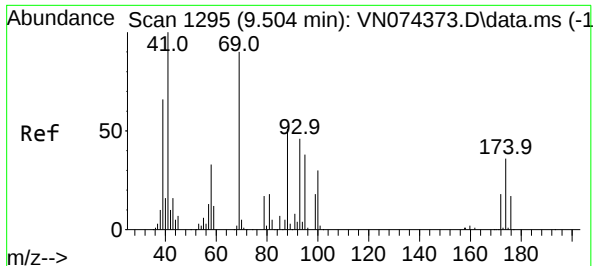


#48
Methyl methacrylate
Concen: 57.263 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



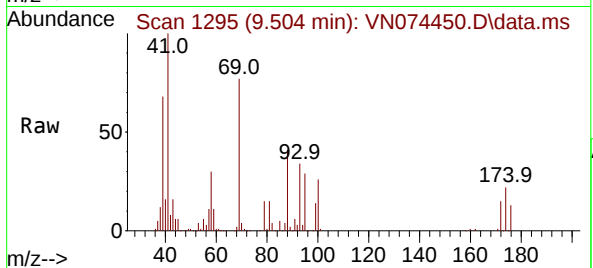
Tgt Ion: 41 Resp: 228844
Ion Ratio Lower Upper
41 100
69 73.2 67.6 101.4
39 70.6 58.2 87.4





#49
1,4-Dioxane
Concen: 1075.024 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

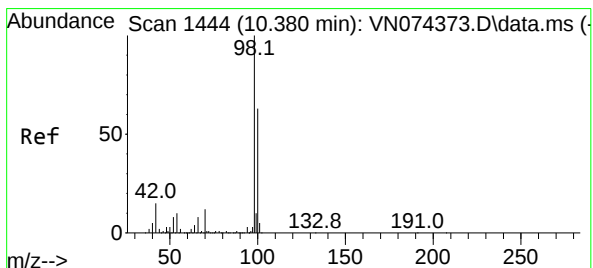
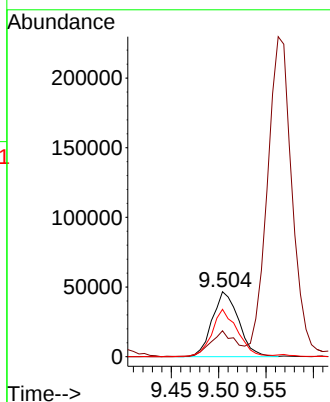
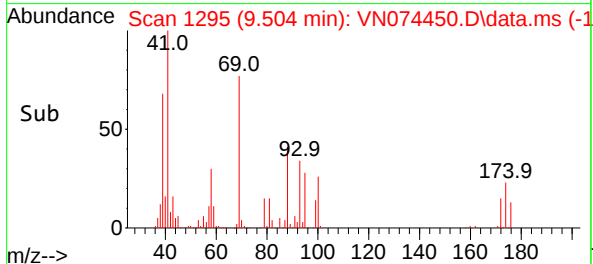
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 90530
Ion Ratio Lower Upper
88 100
43 37.1 26.9 40.3
58 70.4 52.7 79.1

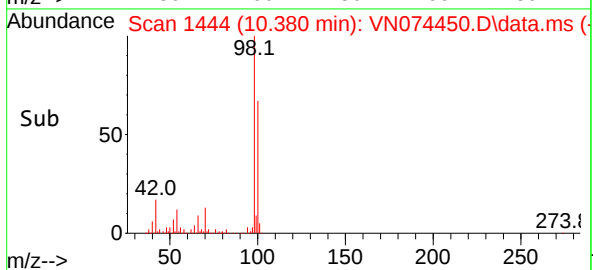
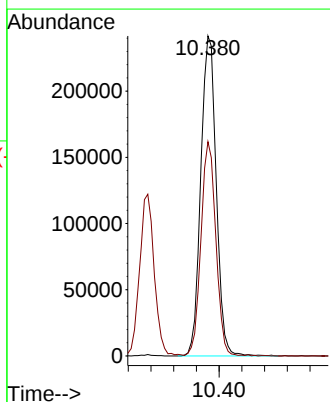
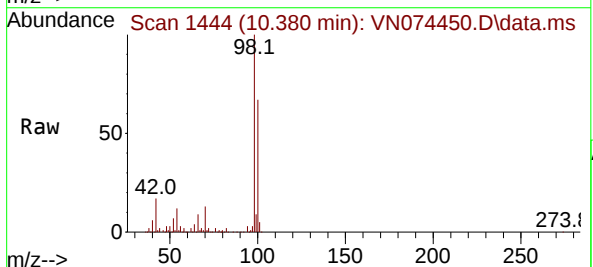
Manual Integrations
APPROVED

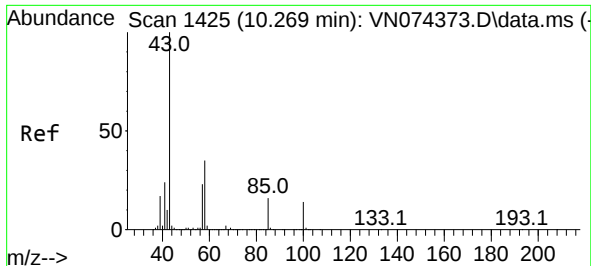
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#50
Toluene-d8
Concen: 50.289 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Tgt Ion: 98 Resp: 454645
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0





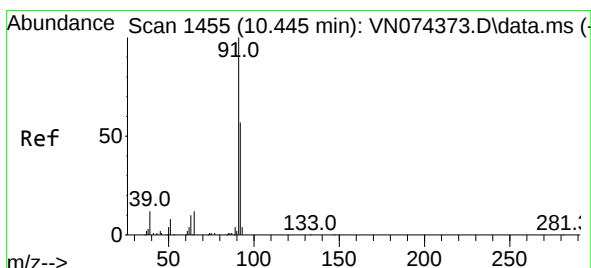
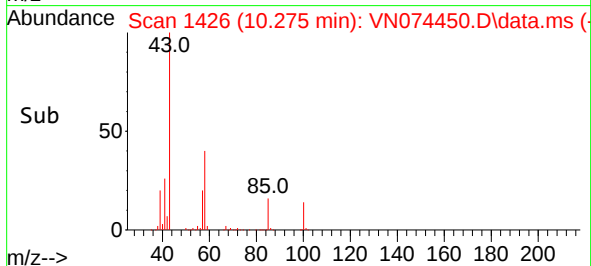
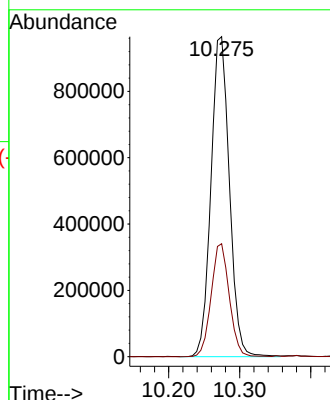
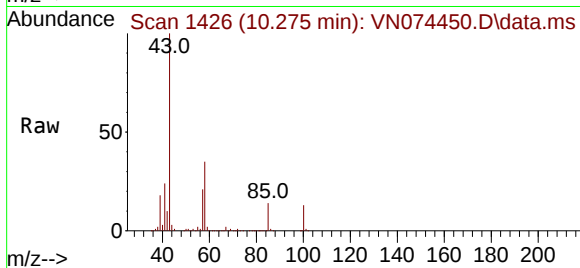
#51
4-Methyl-2-Pentanone
Concen: 292.728 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 173593
Ion Ratio Lower Upper
43 100
58 34.7 29.0 43.6

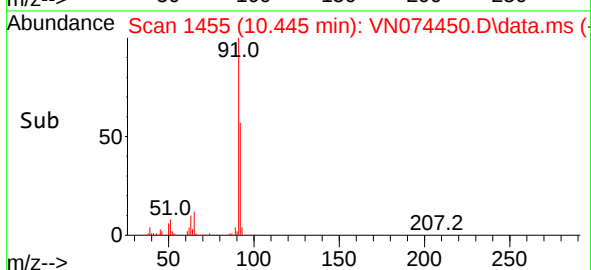
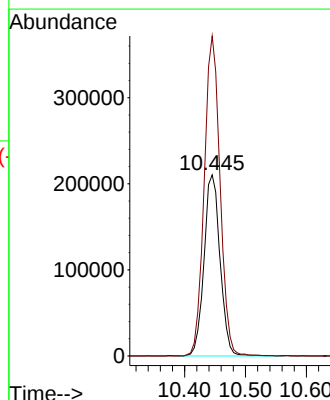
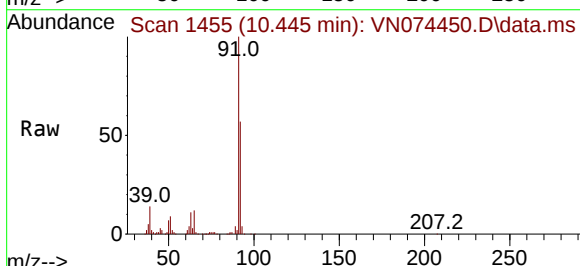
Manual Integrations
APPROVED

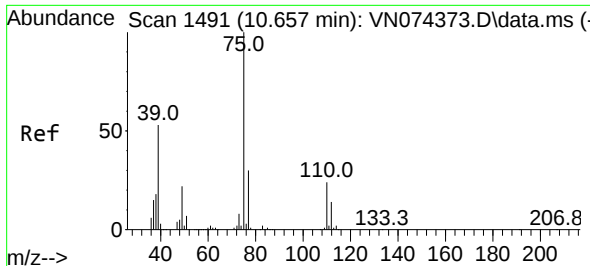
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 53.102 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

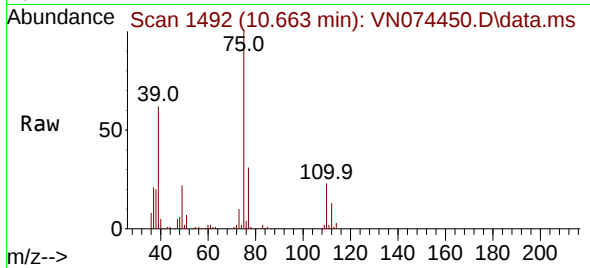
Tgt Ion: 92 Resp: 384336
Ion Ratio Lower Upper
92 100
91 175.0 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 48.139 ug/l
RT: 10.663 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

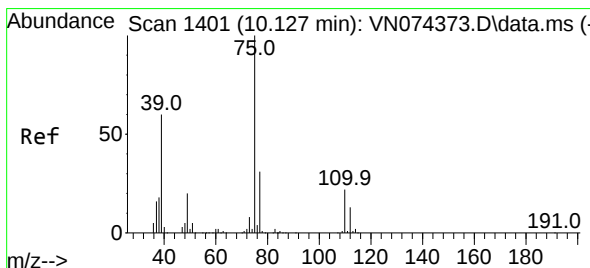
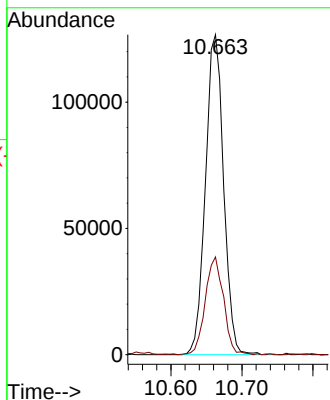
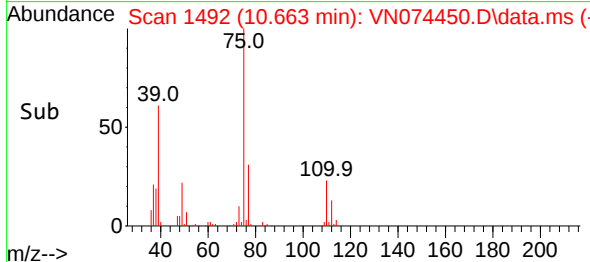
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



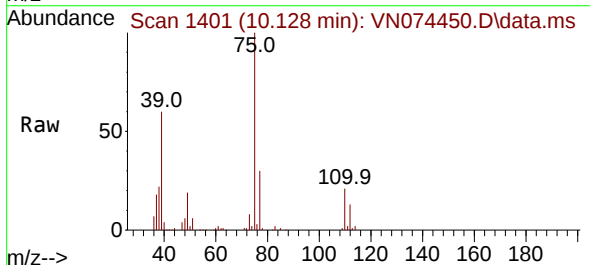
Tgt Ion: 75 Resp: 225170
Ion Ratio Lower Upper
75 100
77 30.5 23.9 35.9

Manual Integrations
APPROVED

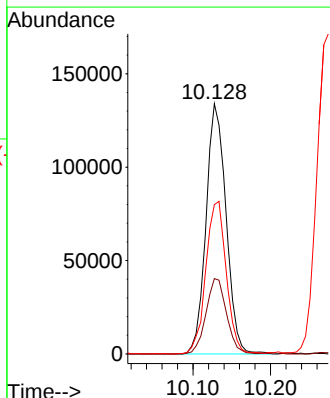
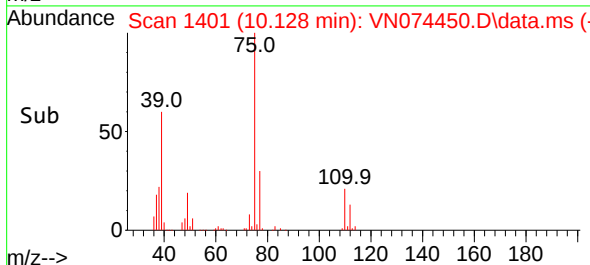
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

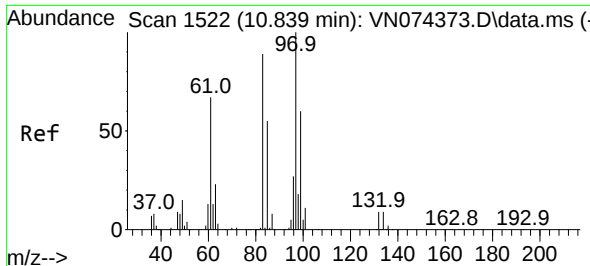


#54
cis-1,3-Dichloropropene
Concen: 48.351 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



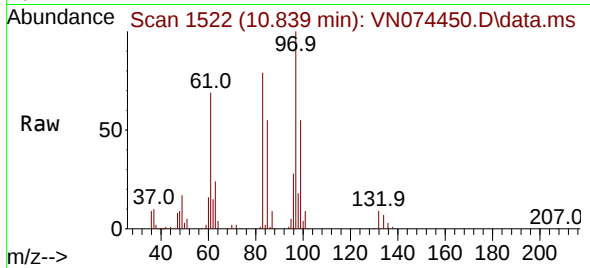
Tgt Ion: 75 Resp: 241100
Ion Ratio Lower Upper
75 100
77 30.1 24.5 36.7
39 59.6 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 52.746 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

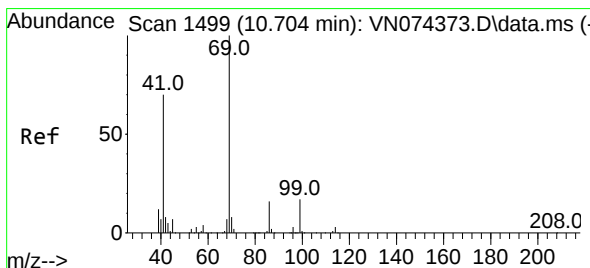
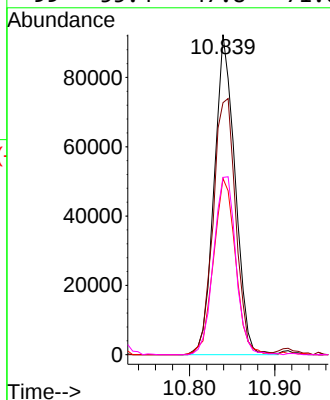
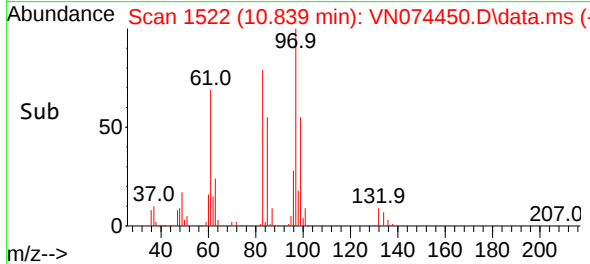
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



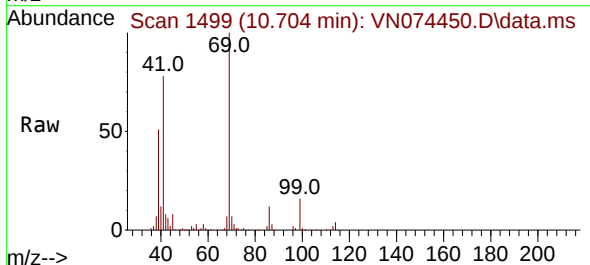
Tgt Ion: 97 Resp: 157360
Ion Ratio Lower Upper
97 100
83 78.7 70.8 106.2
85 55.1 44.1 66.1
99 55.4 47.8 71.6

Manual Integrations
APPROVED

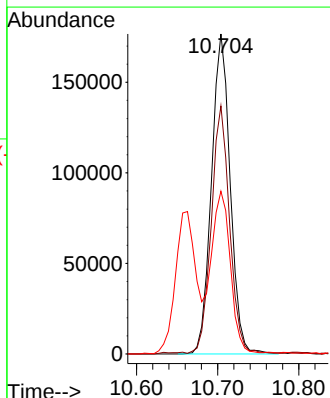
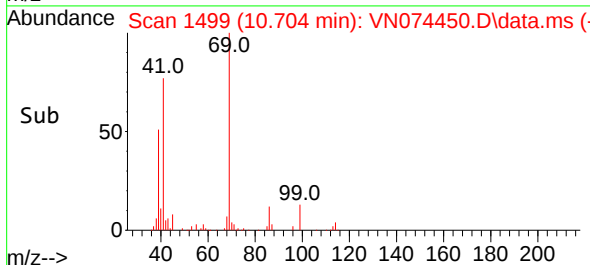
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

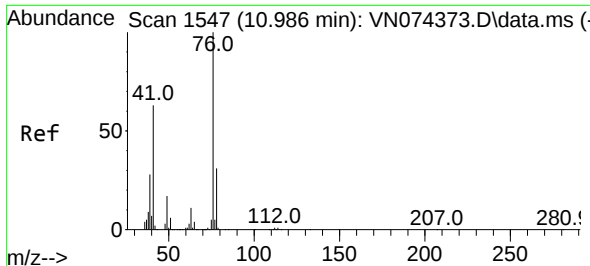


#56
Ethyl methacrylate
Concen: 55.903 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



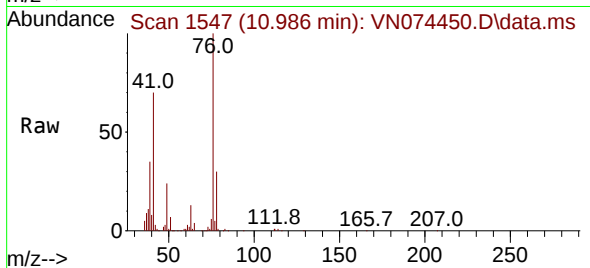
Tgt Ion: 69 Resp: 283380
Ion Ratio Lower Upper
69 100
41 75.3 56.6 85.0
39 51.7 37.4 56.2





#57
1,3-Dichloropropane
Concen: 54.265 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

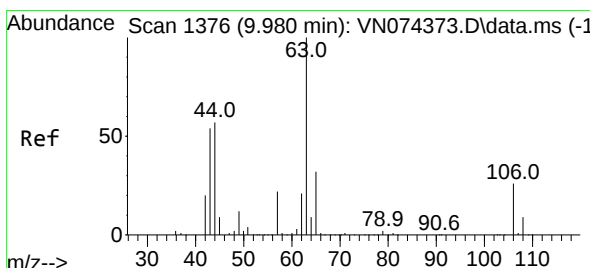
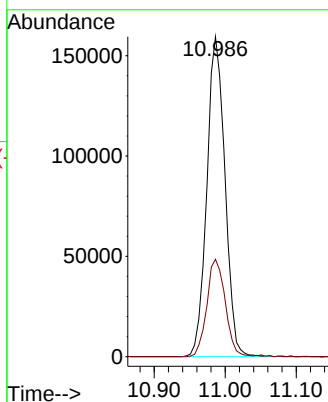
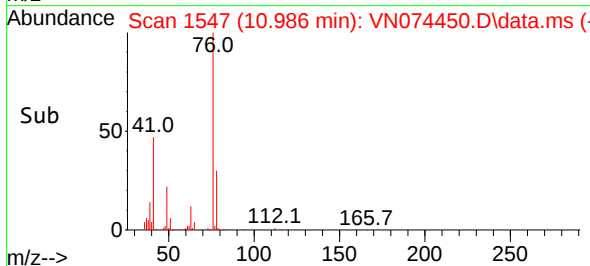
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 28297
Ion Ratio Lower Upper
76 100
78 31.2 25.0 37.4

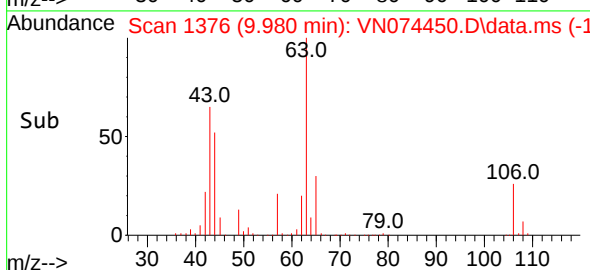
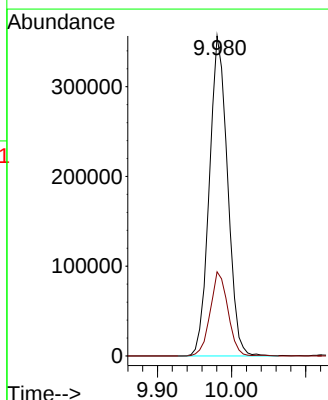
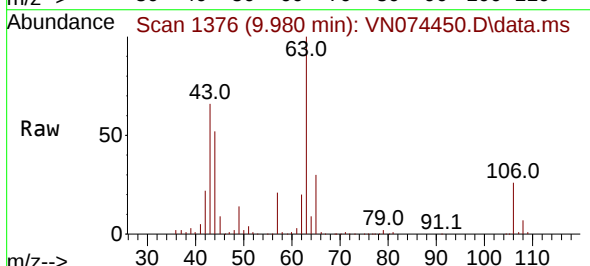
Manual Integrations
APPROVED

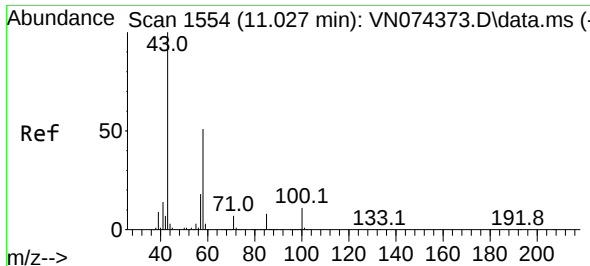
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#58
2-Chloroethyl Vinyl ether
Concen: 258.671 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

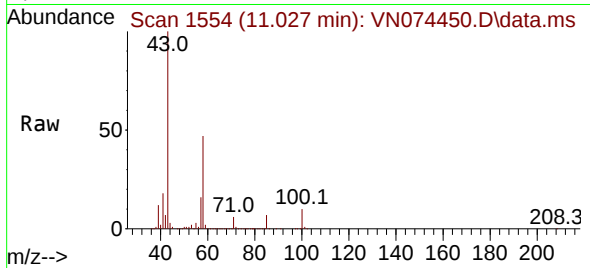
Tgt Ion: 63 Resp: 609968
Ion Ratio Lower Upper
63 100
106 25.6 21.1 31.7





#59
2-Hexanone
Concen: 303.476 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

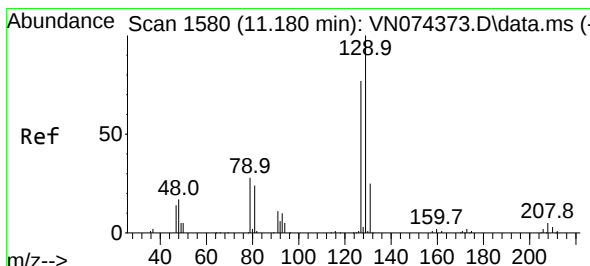
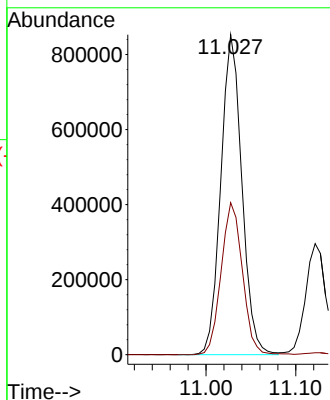
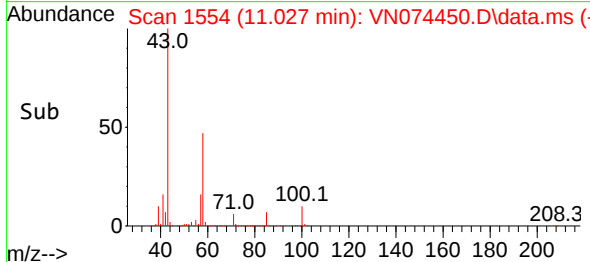
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 138880
Ion Ratio Lower Upper
43 100
58 48.1 25.8 77.3

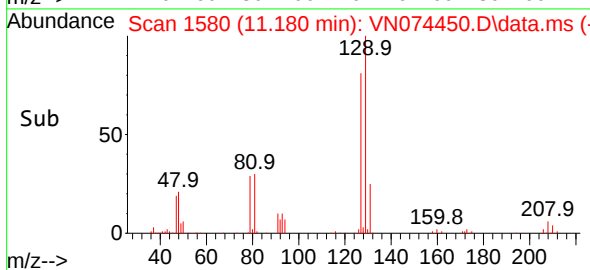
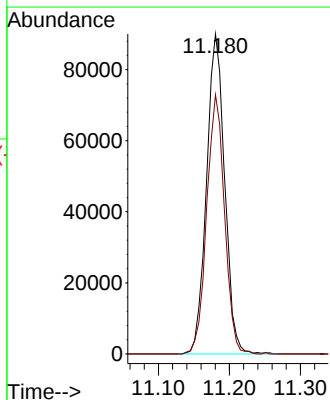
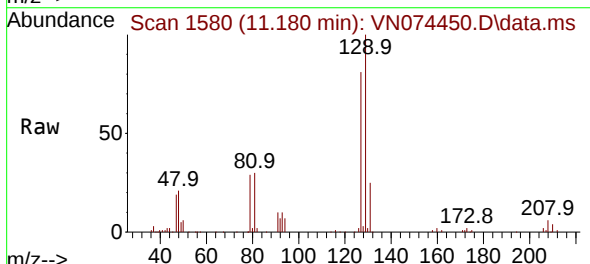
Manual Integrations
APPROVED

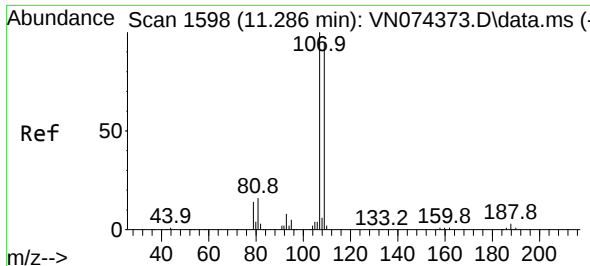
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#60
Dibromochloromethane
Concen: 52.885 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

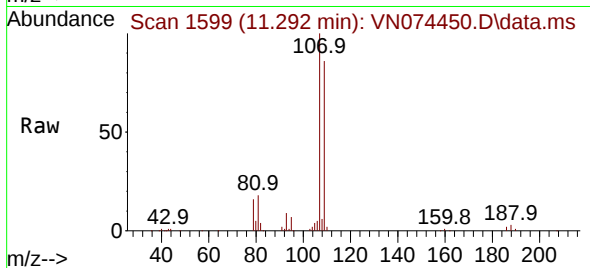
Tgt Ion:129 Resp: 159741
Ion Ratio Lower Upper
129 100
127 79.7 38.8 116.3





#61
1,2-Dibromoethane
Concen: 51.731 ug/l
RT: 11.292 min Scan# 11292
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

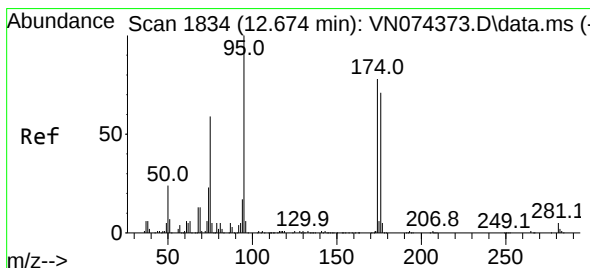
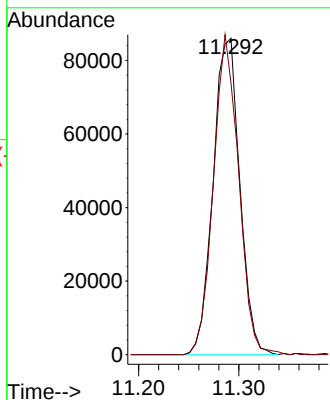
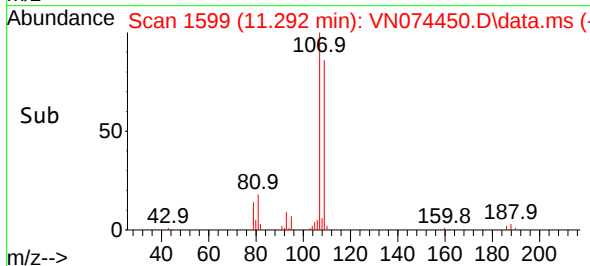
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 158778
Ion Ratio Lower Upper
107 100
109 95.4 75.0 112.4

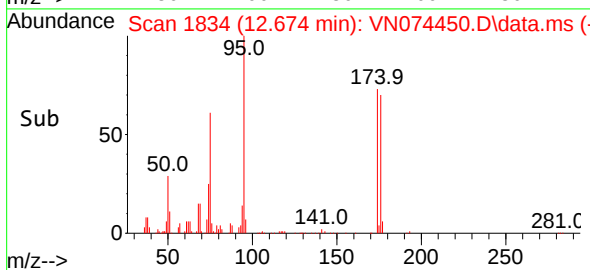
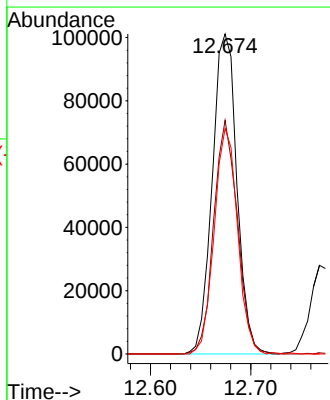
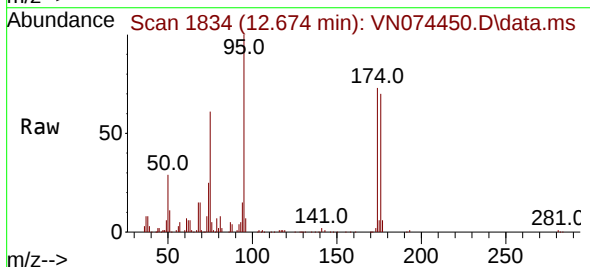
Manual Integrations
APPROVED

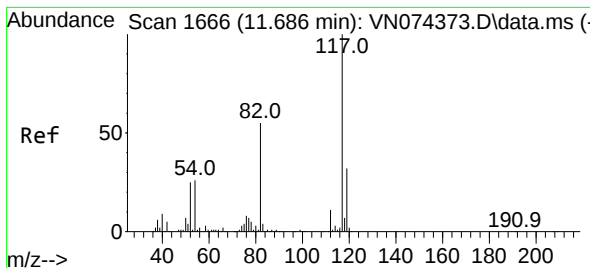
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#62
4-Bromofluorobenzene
Concen: 52.516 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Tgt Ion: 95 Resp: 172376
Ion Ratio Lower Upper
95 100
174 70.2 0.0 150.6
176 67.0 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 325230

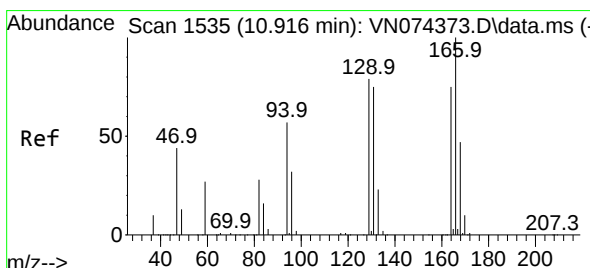
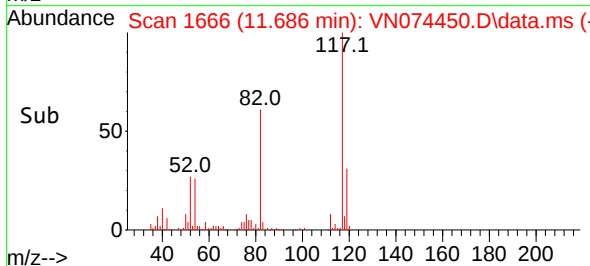
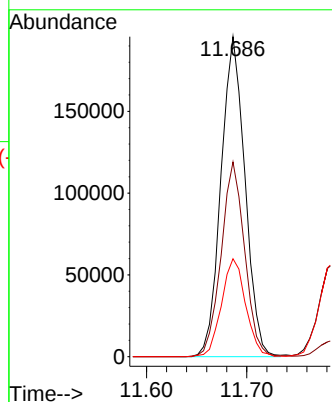
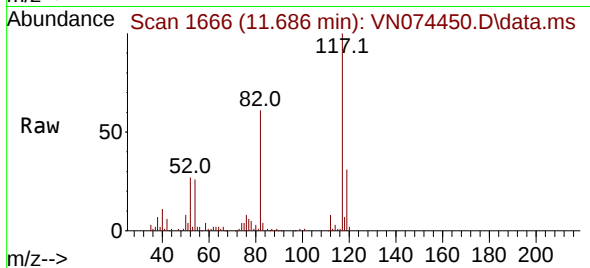
Ion	Ratio	Lower	Upper
117	100		
82	60.9	44.3	66.5
119	30.6	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#64

Tetrachloroethene

Concen: 44.876 ug/l

RT: 10.916 min Scan# 1535

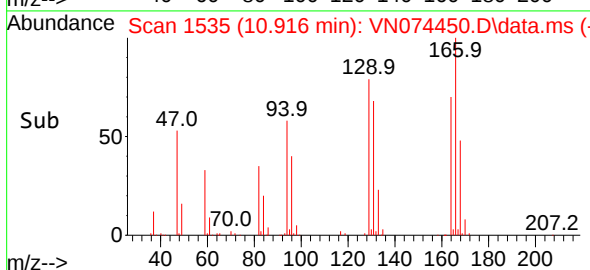
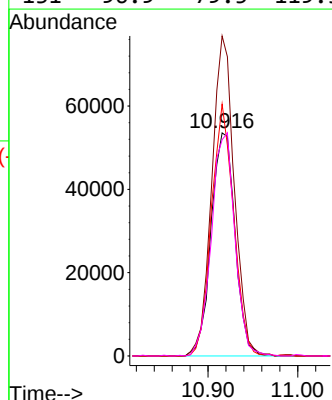
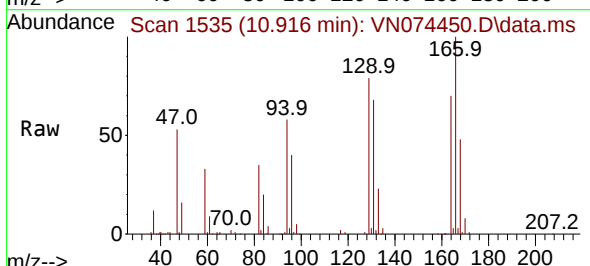
Delta R.T. 0.000 min

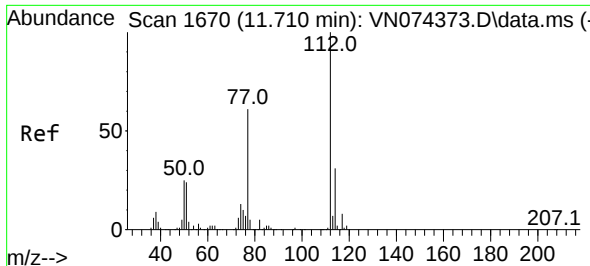
Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Tgt Ion:164 Resp: 98942

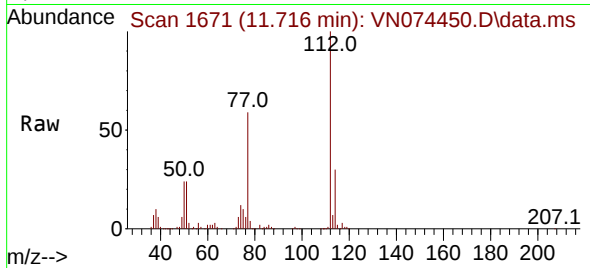
Ion	Ratio	Lower	Upper
164	100		
166	143.5	106.6	160.0
129	112.9	84.0	126.0
131	96.9	79.5	119.3





#65
Chlorobenzene
Concen: 49.894 ug/l
RT: 11.716 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

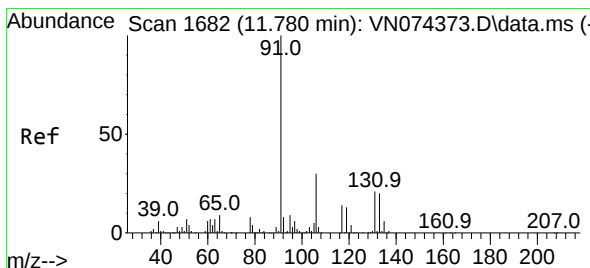
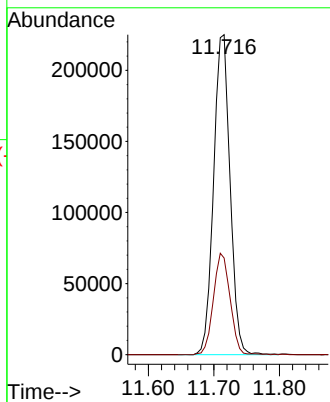
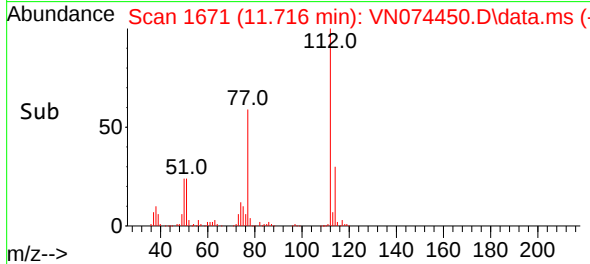
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



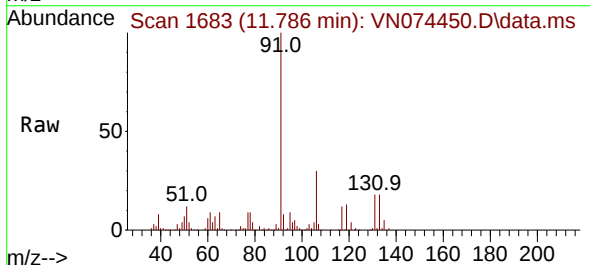
Tgt Ion:112 Resp: 391290
Ion Ratio Lower Upper
112 100
114 30.2 25.1 37.7

Manual Integrations
APPROVED

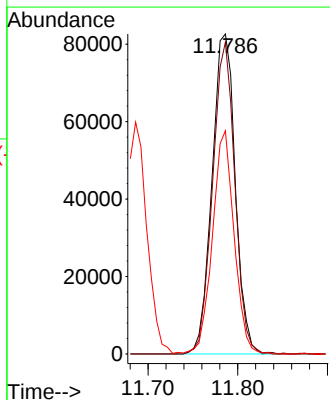
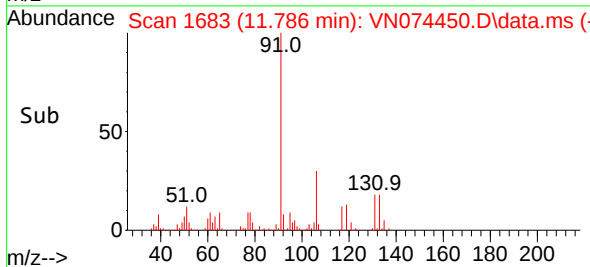
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

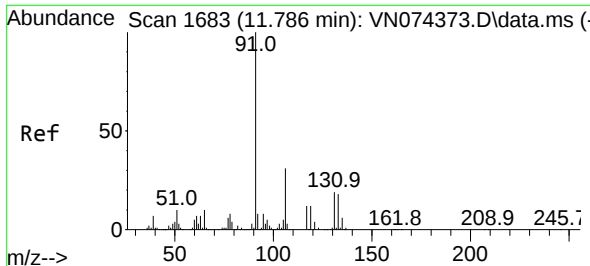


#66
1,1,1,2-Tetrachloroethane
Concen: 48.404 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



Tgt Ion:131 Resp: 148280
Ion Ratio Lower Upper
131 100
133 93.4 47.3 141.8
119 65.1 33.0 98.9





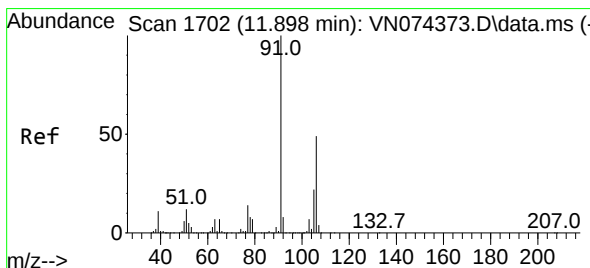
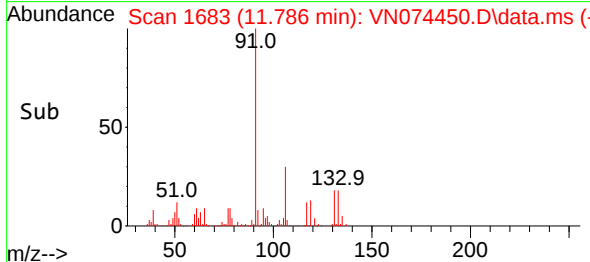
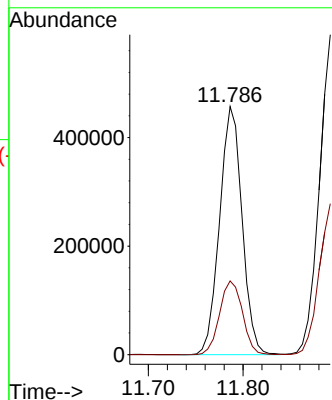
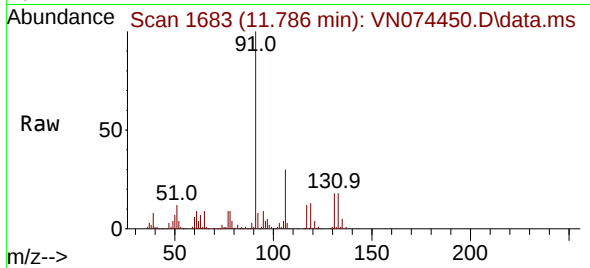
#67
Ethyl Benzene
Concen: 50.955 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 754775
Ion Ratio Lower Upper
91 100
106 29.7 24.5 36.7

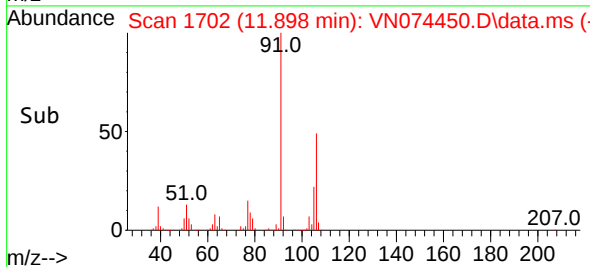
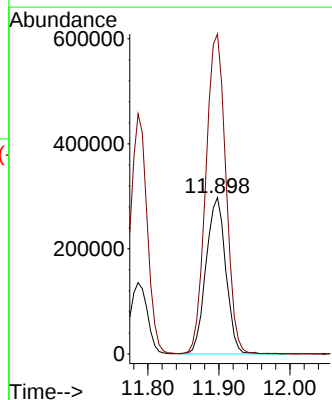
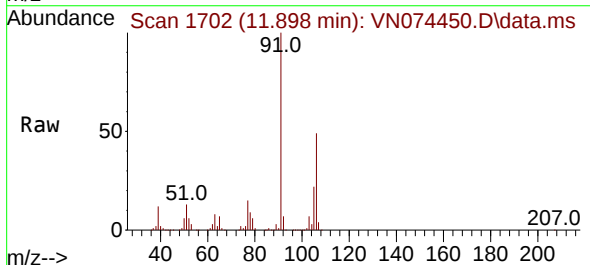
Manual Integrations
APPROVED

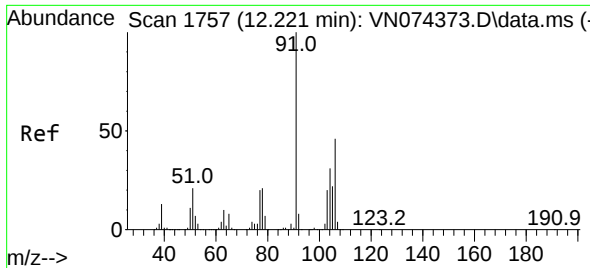
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#68
m/p-Xylenes
Concen: 103.422 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

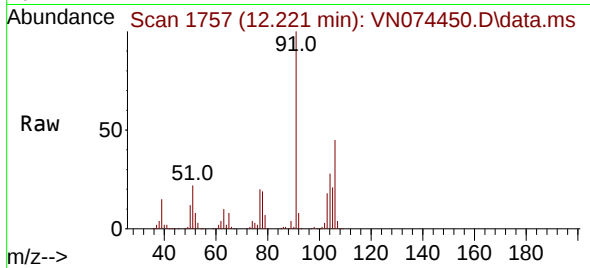
Tgt Ion:106 Resp: 575903
Ion Ratio Lower Upper
106 100
91 206.7 167.7 251.5





#69
o-Xylene
Concen: 51.143 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

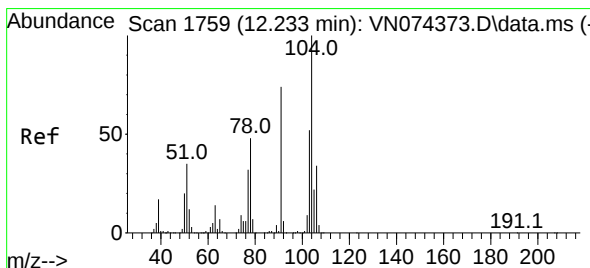
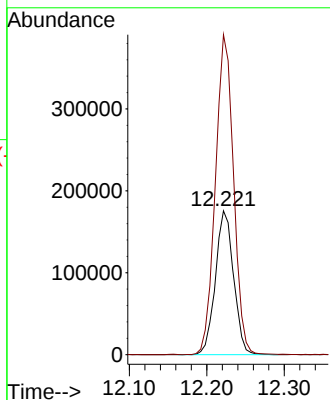
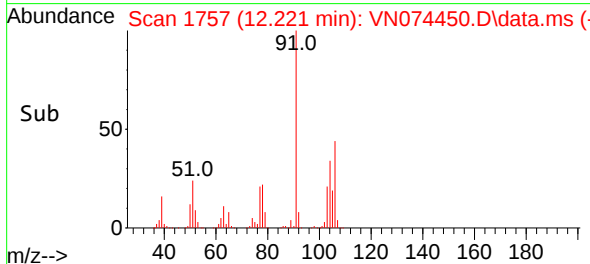
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



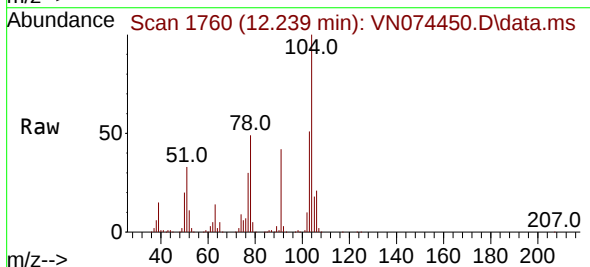
Tgt Ion:106 Resp: 286268
Ion Ratio Lower Upper
106 100
91 222.4 109.4 328.2

Manual Integrations
APPROVED

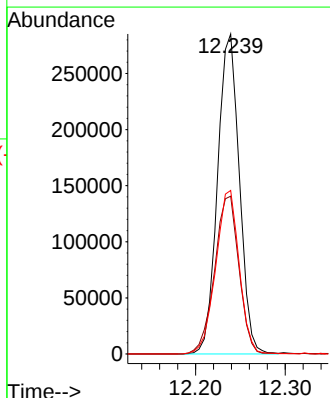
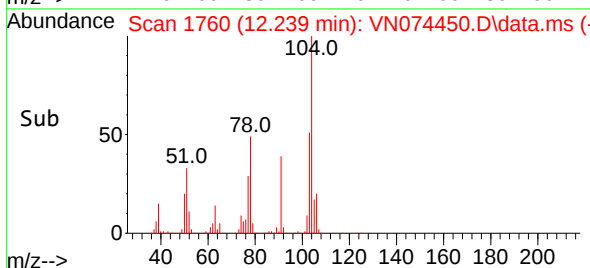
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

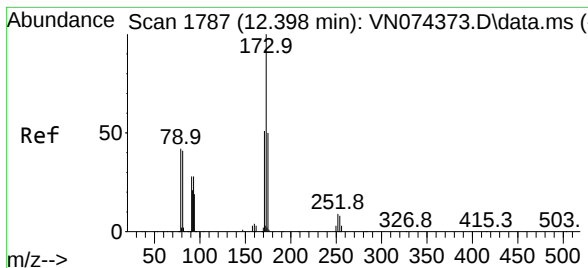


#70
Styrene
Concen: 54.093 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



Tgt Ion:104 Resp: 481369
Ion Ratio Lower Upper
104 100
78 55.2 41.8 62.6
103 55.0 43.4 65.2





#71

Bromoform

Concen: 49.238 ug/l

RT: 12.404 min Scan# 1788

Delta R.T. 0.006 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 112979

Ion Ratio Lower Upper

173 100

175 51.7 24.1 72.3

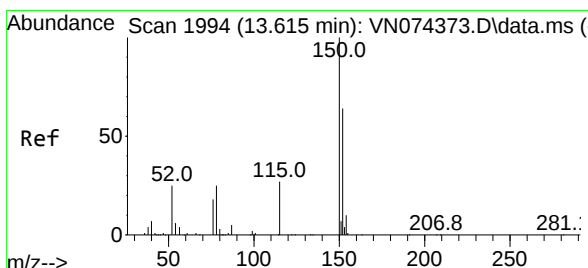
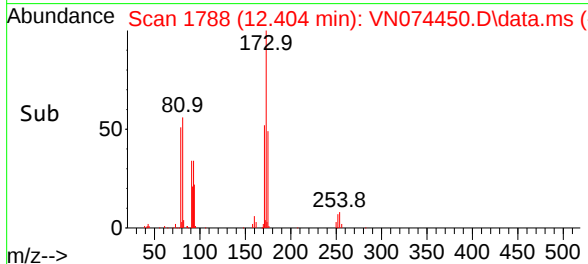
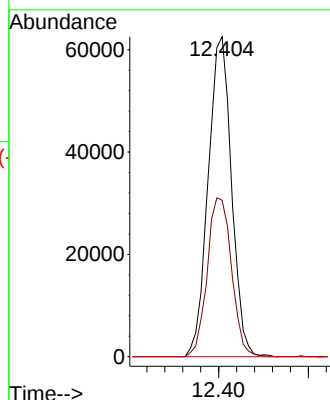
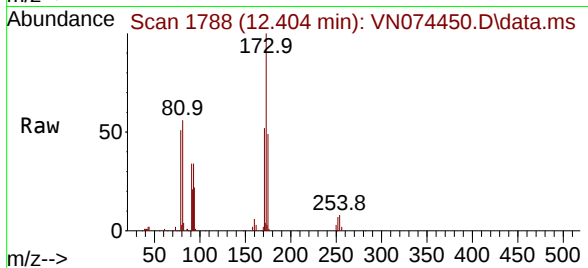
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

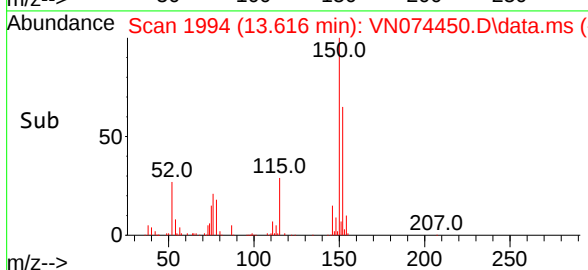
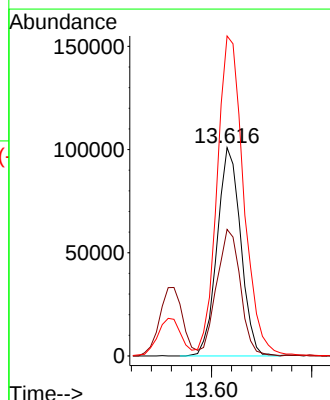
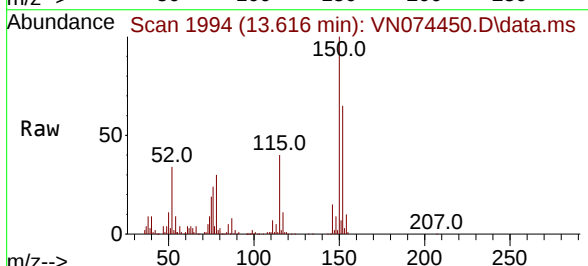
Tgt Ion:152 Resp: 164819

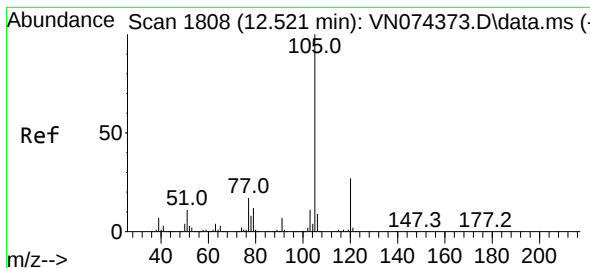
Ion Ratio Lower Upper

152 100

115 61.5 32.0 96.0

150 173.7 0.0 359.6





#73

Isopropylbenzene

Concen: 48.201 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 76326

Ion Ratio Lower Upper

105 100

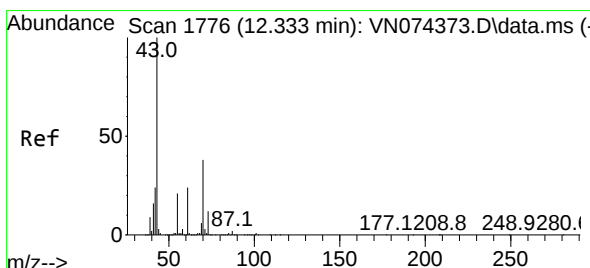
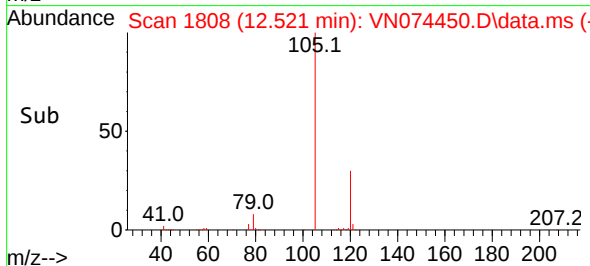
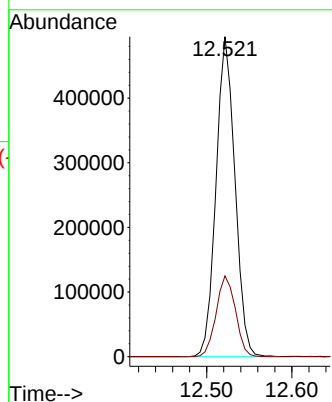
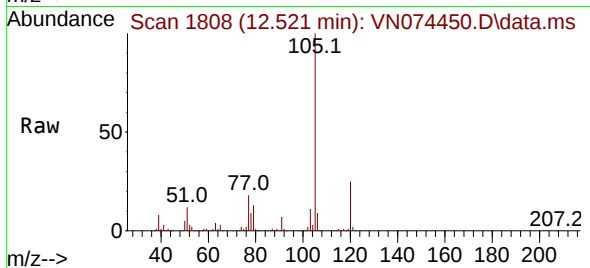
120 25.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#74

N-ethyl acetate

Concen: 56.526 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.000 min

Lab File: VN074450.D

Acq: 13 Sep 2022 22:11

Tgt Ion: 43 Resp: 453952

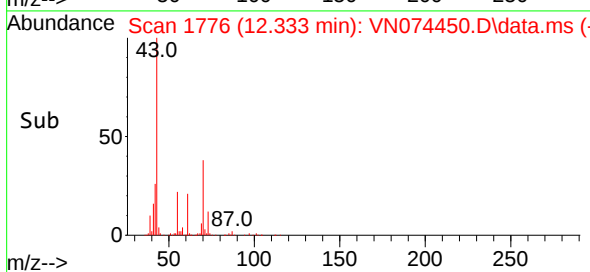
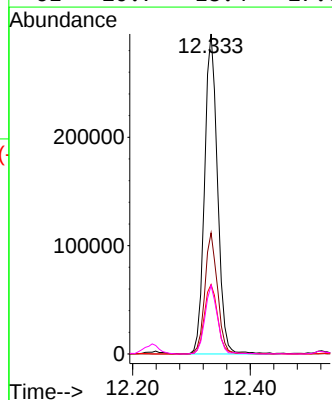
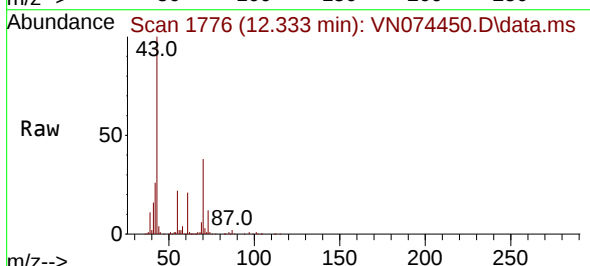
Ion Ratio Lower Upper

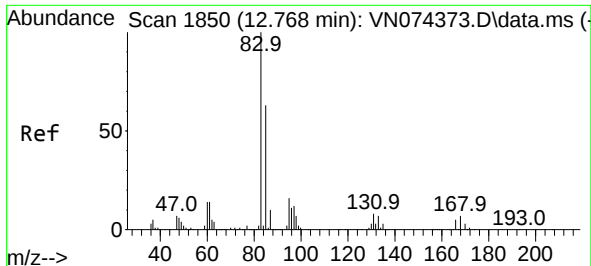
43 100

70 36.9 31.4 47.0

55 22.4 17.0 25.6

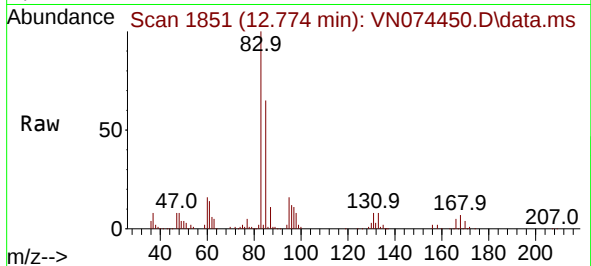
61 20.7 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 47.599 ug/l
RT: 12.774 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

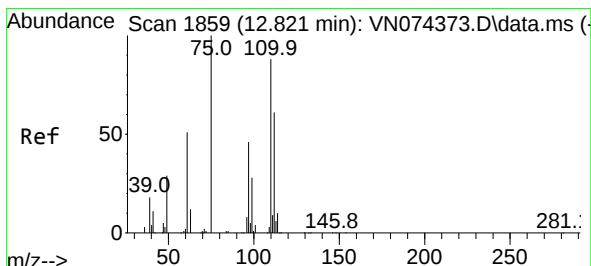
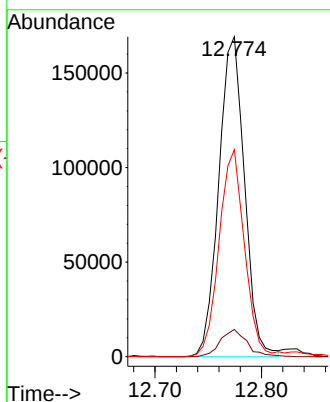
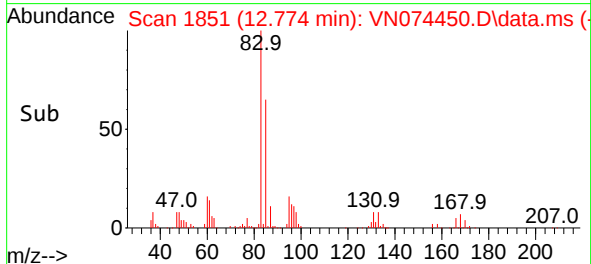
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 283260
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.7
85 64.3 32.3 96.8

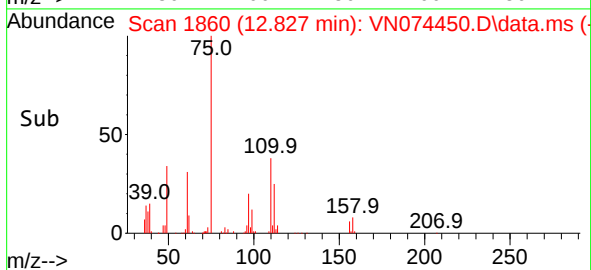
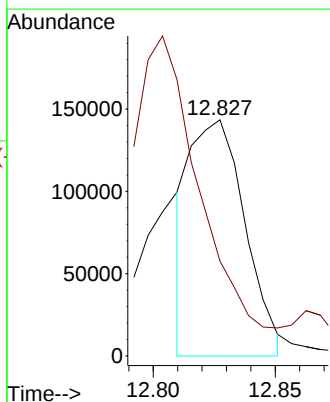
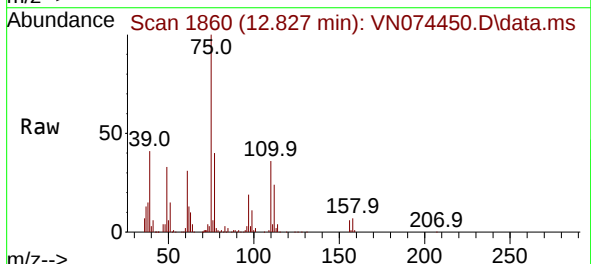
Manual Integrations
APPROVED

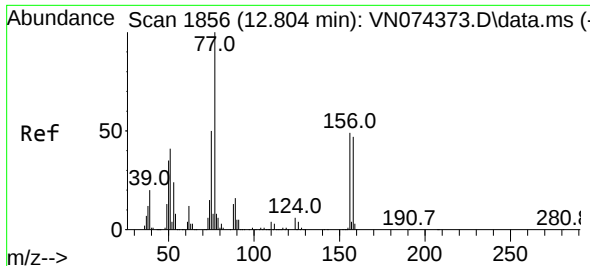
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#76
1,2,3-Trichloropropane
Concen: 52.580 ug/l m
RT: 12.827 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

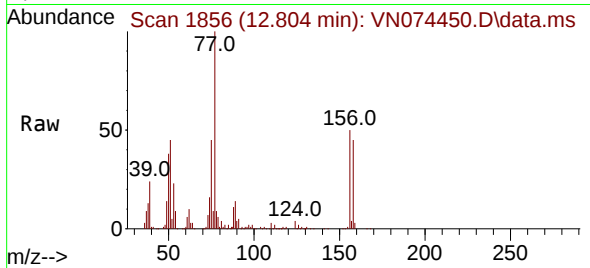
Tgt Ion: 75 Resp: 226549
Ion Ratio Lower Upper
75 100
77 0.0 78.9 236.7#





#77
Bromobenzene
Concen: 46.701 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

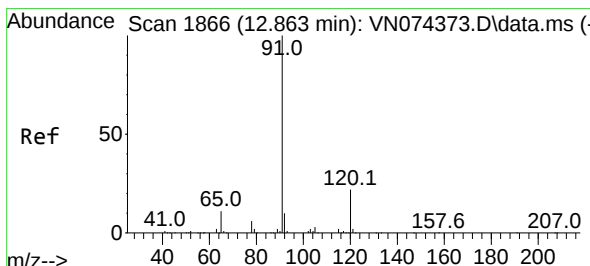
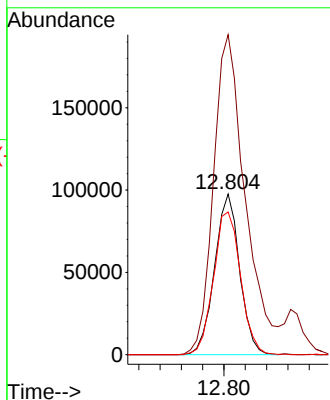
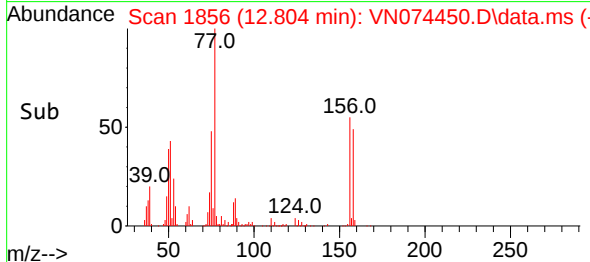
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



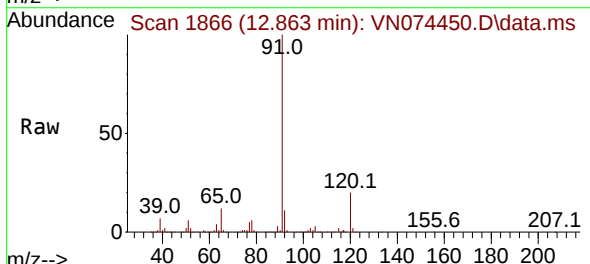
Tgt Ion: 156 Resp: 15875
Ion Ratio Lower Upper
156 100
77 253.1 124.4 373.1
158 96.3 49.2 147.6

Manual Integrations
APPROVED

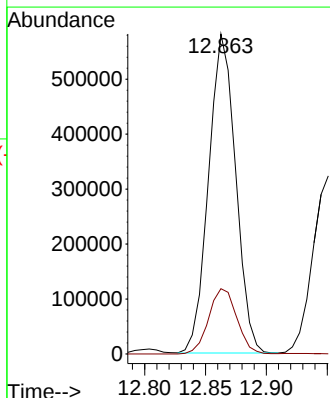
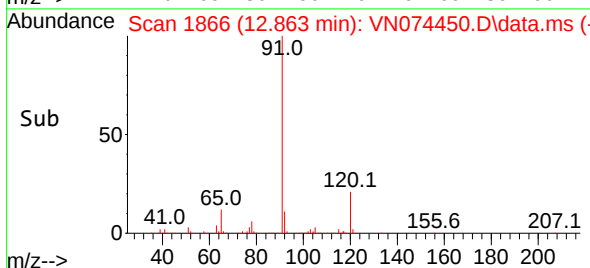
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

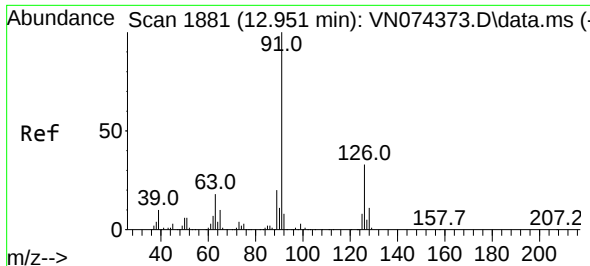


#78
n-propylbenzene
Concen: 49.540 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



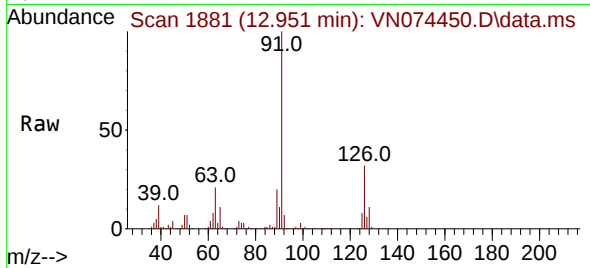
Tgt Ion: 91 Resp: 898709
Ion Ratio Lower Upper
91 100
120 21.2 11.1 33.1





#79
2-Chlorotoluene
Concen: 48.366 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

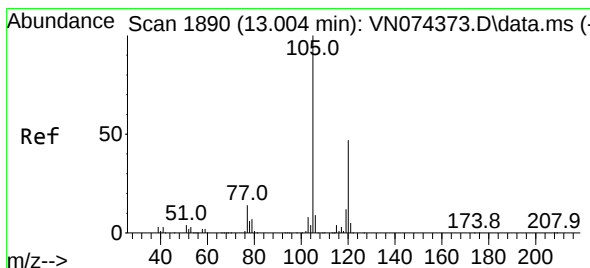
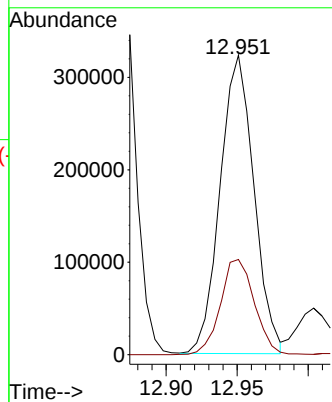
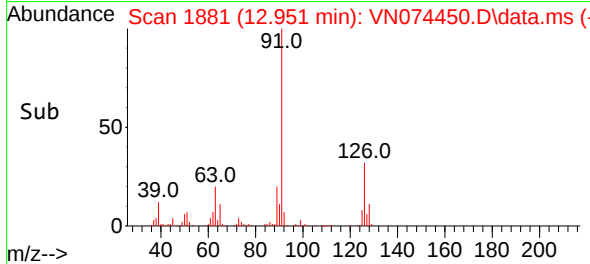
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



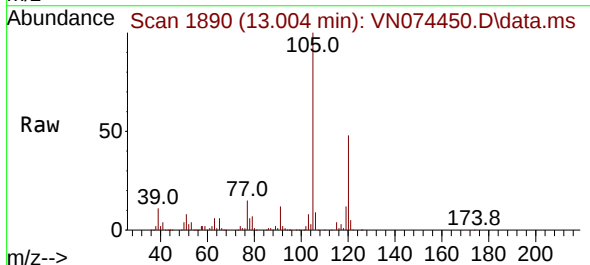
Tgt Ion: 91 Resp: 534940
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.5

Manual Integrations
APPROVED

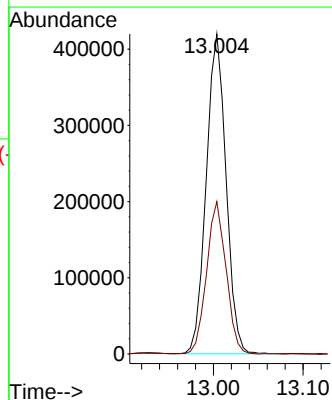
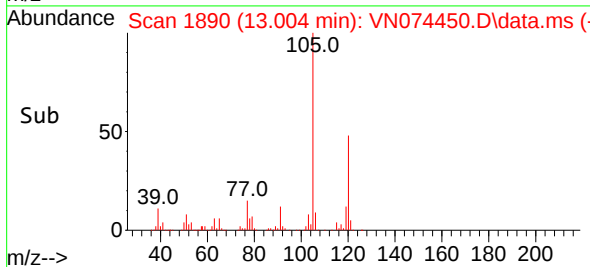
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

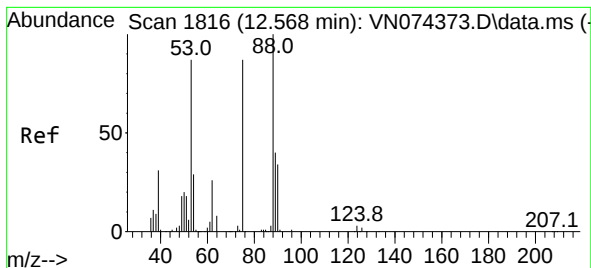


#80
1,3,5-Trimethylbenzene
Concen: 48.914 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



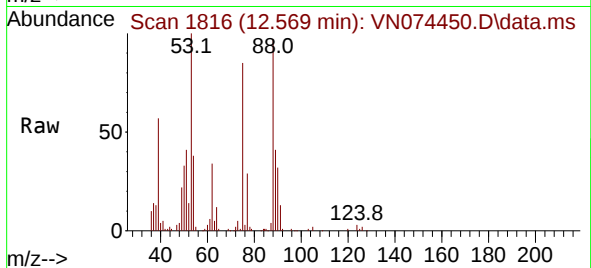
Tgt Ion:105 Resp: 642616
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 37.603 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

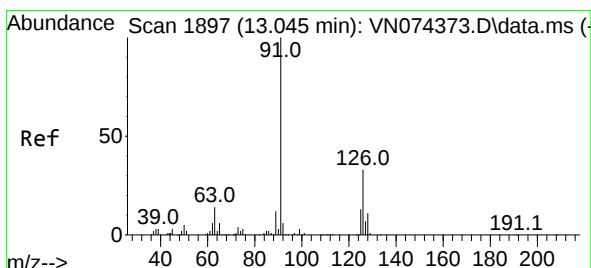
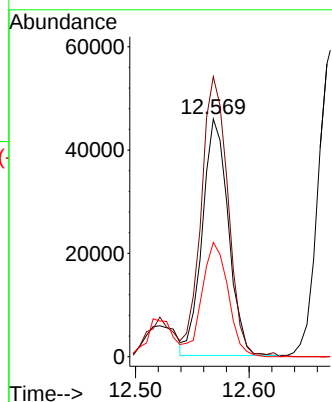
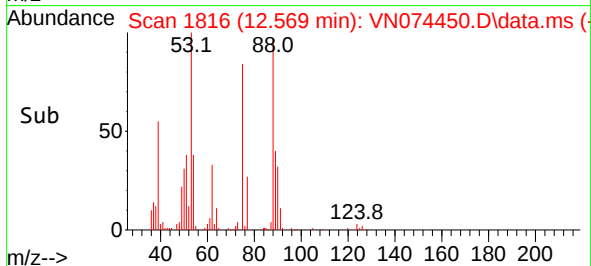
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 72688
Ion Ratio Lower Upper
75 100
53 122.5 82.2 123.2
89 49.0 37.7 56.5

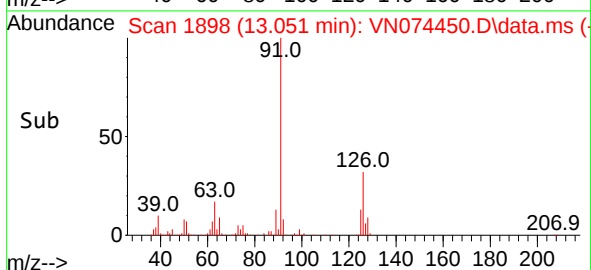
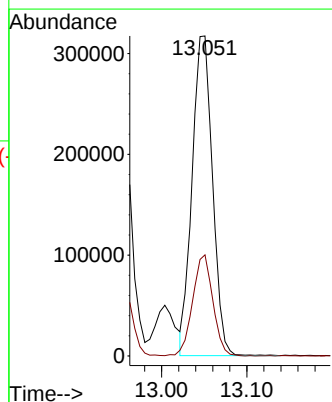
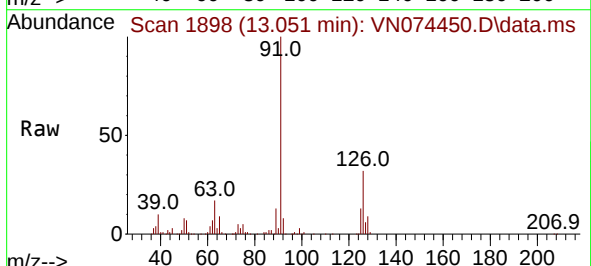
Manual Integrations
APPROVED

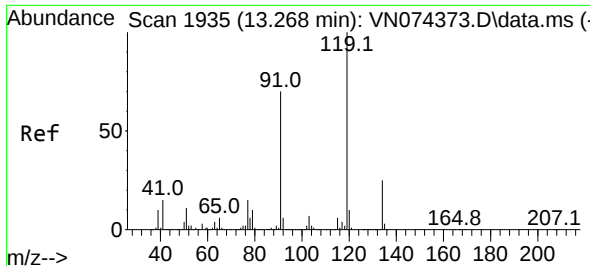
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 49.378 ug/l
RT: 13.051 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

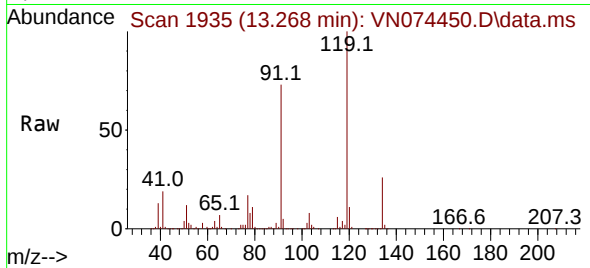
Tgt Ion: 91 Resp: 526946
Ion Ratio Lower Upper
91 100
126 31.4 16.4 49.1





#83
tert-Butylbenzene
Concen: 46.751 ug/l
RT: 13.268 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

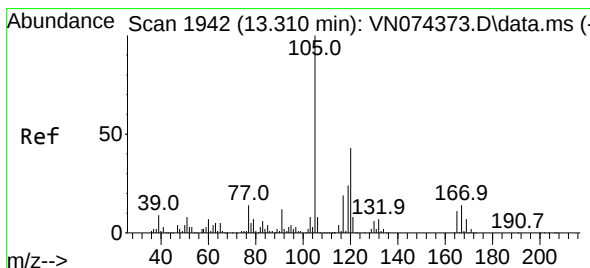
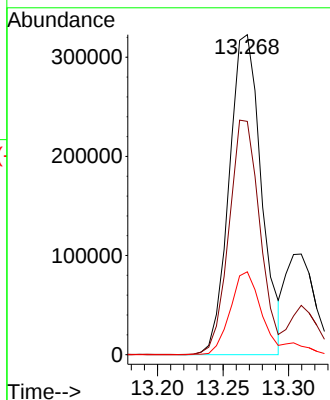
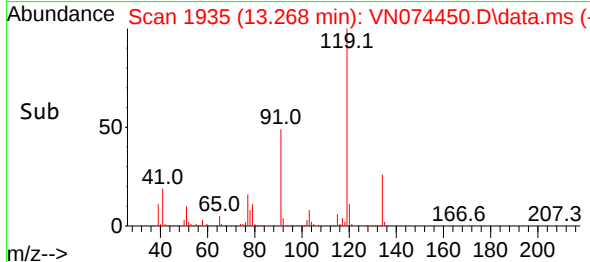
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



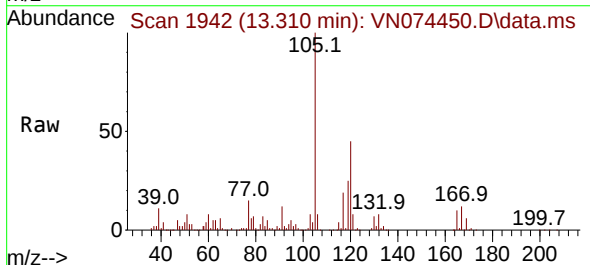
Tgt Ion:119 Resp: 552958
Ion Ratio Lower Upper
119 100
91 70.0 33.8 101.3
134 27.3 13.1 39.3

Manual Integrations
APPROVED

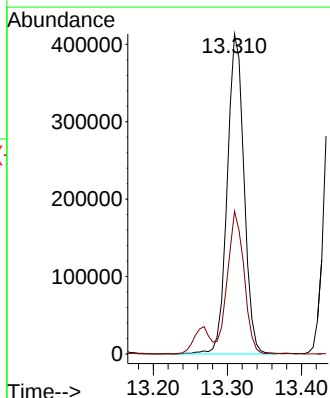
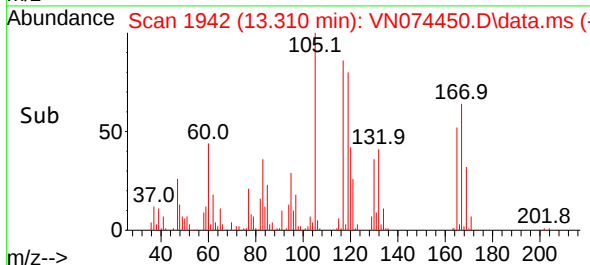
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

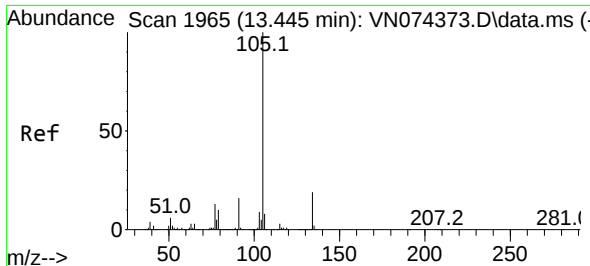


#84
1,2,4-Trimethylbenzene
Concen: 49.722 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



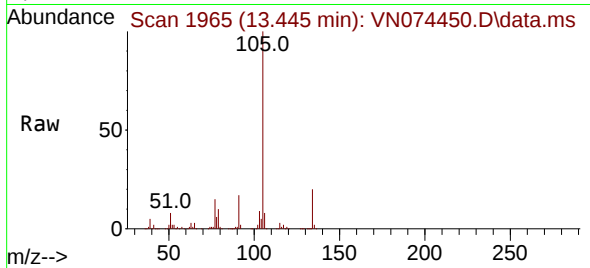
Tgt Ion:105 Resp: 647447
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 49.313 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074450.D
 Acq: 13 Sep 2022 22:11

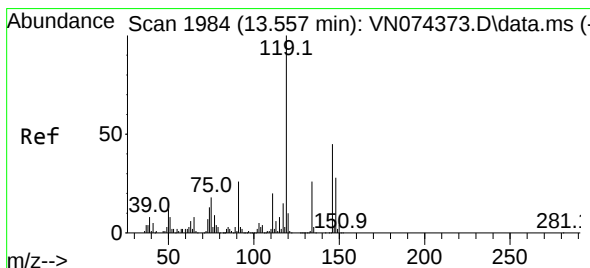
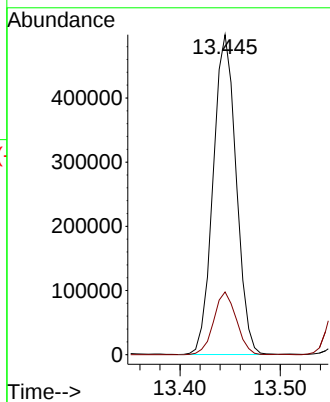
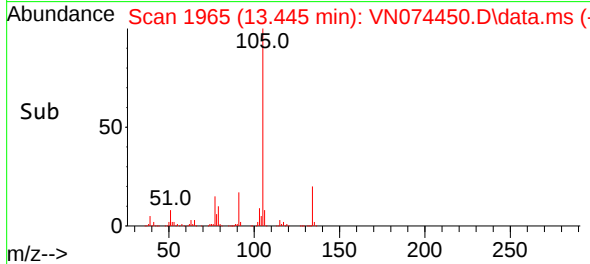
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 793740
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9

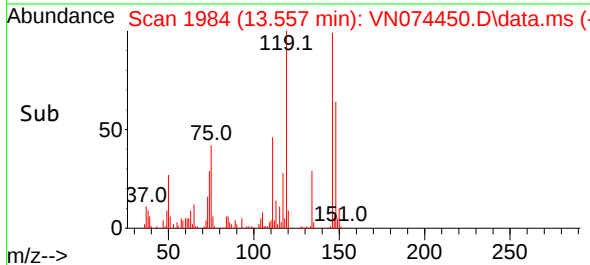
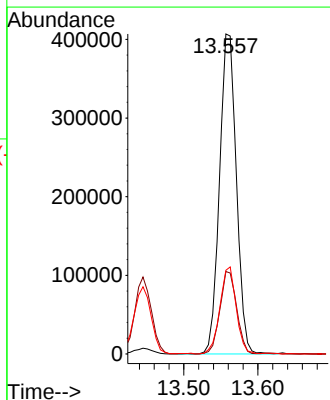
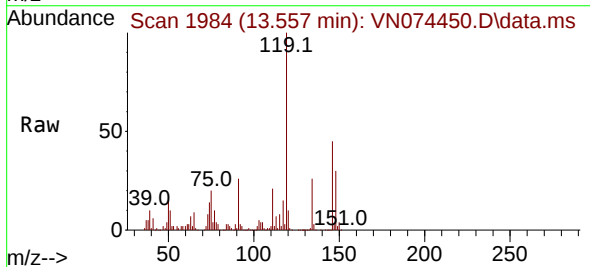
Manual Integrations
 APPROVED

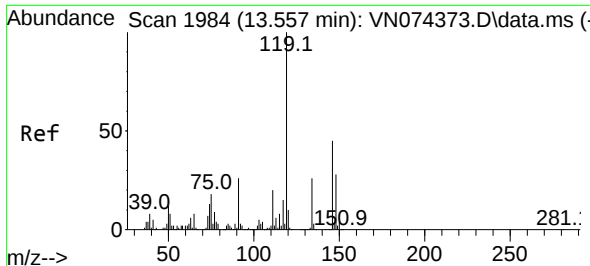
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#86
 p-Isopropyltoluene
 Concen: 49.874 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074450.D
 Acq: 13 Sep 2022 22:11

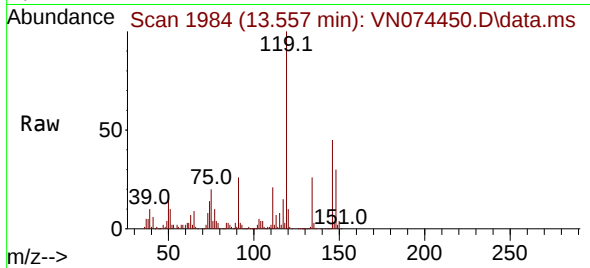
Tgt Ion:119 Resp: 642551
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 26.2 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 48.667 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

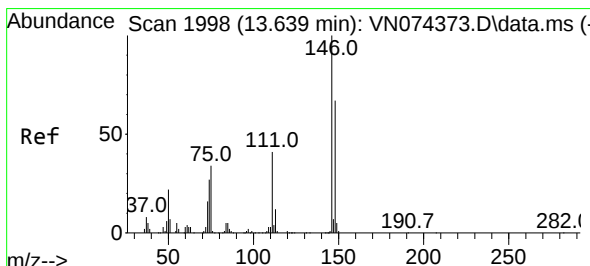
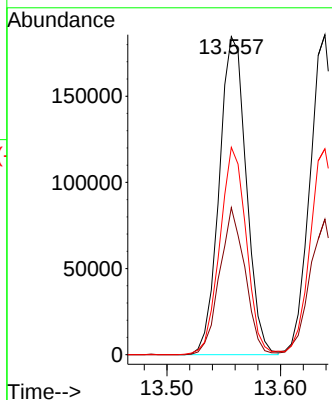
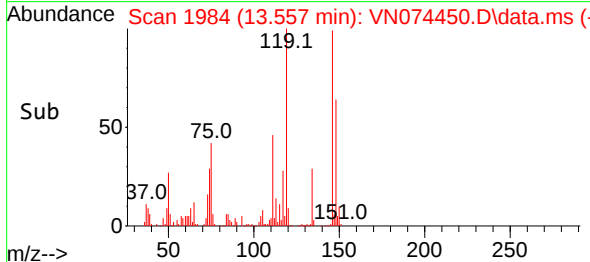
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



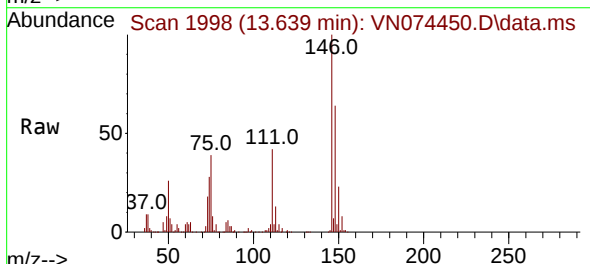
Tgt Ion:146 Resp: 305878
Ion Ratio Lower Upper
146 100
111 43.5 21.5 64.5
148 64.0 32.0 96.0

Manual Integrations
APPROVED

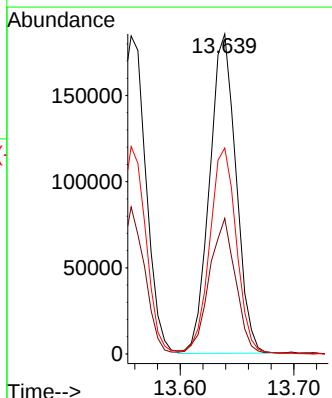
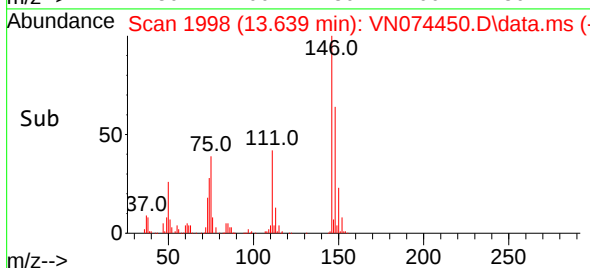
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

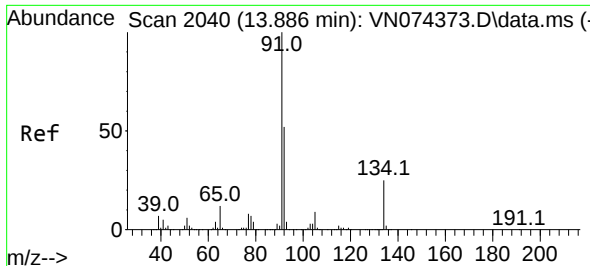


#88
1,4-Dichlorobenzene
Concen: 47.255 ug/l
RT: 13.639 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



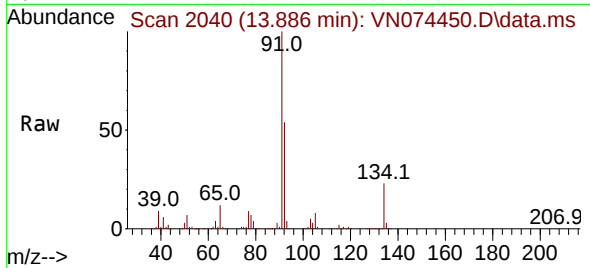
Tgt Ion:146 Resp: 300031
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.2
148 65.2 32.1 96.5





#89
n-Butylbenzene
Concen: 51.091 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

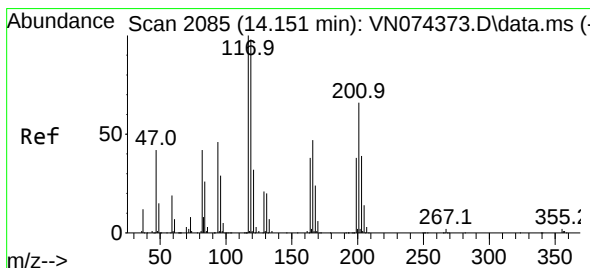
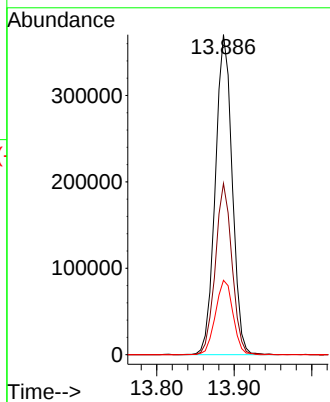
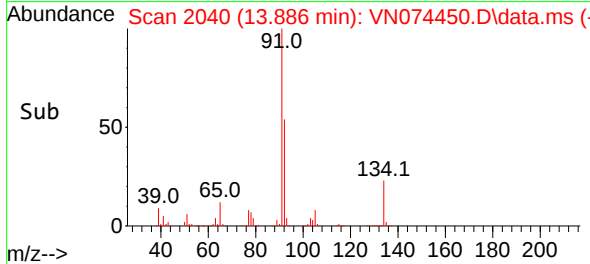
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 560120
Ion Ratio Lower Upper
91 100
92 52.9 25.8 77.4
134 24.2 12.4 37.0

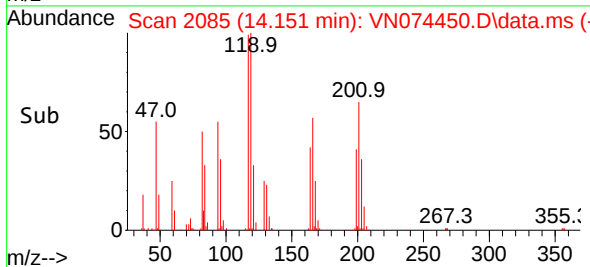
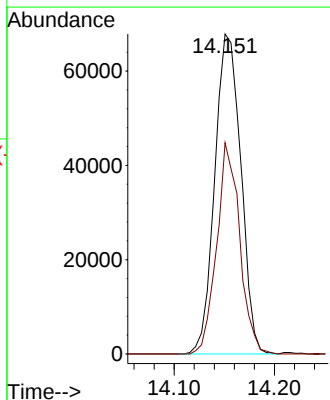
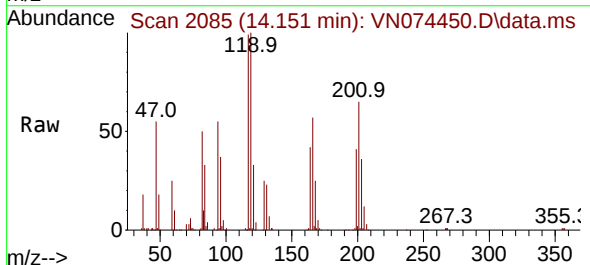
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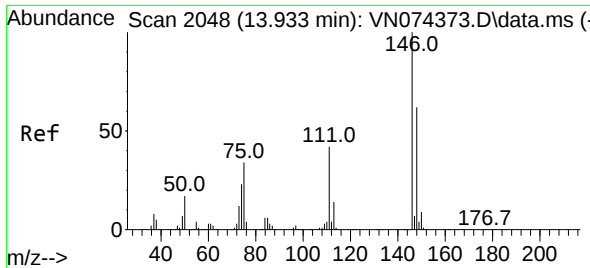
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 44.983 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

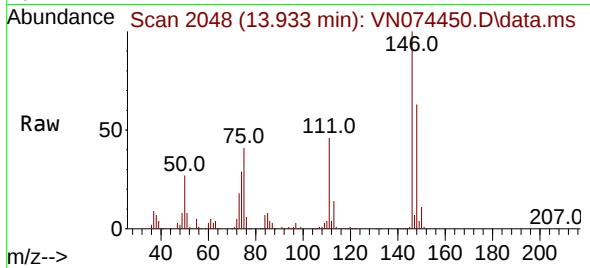
Tgt Ion:117 Resp: 122432
Ion Ratio Lower Upper
117 100
201 58.2 32.6 98.0





#91
1,2-Dichlorobenzene
Concen: 47.759 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

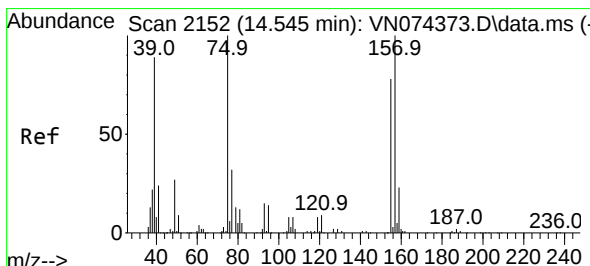
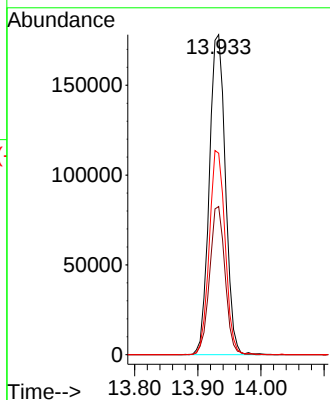
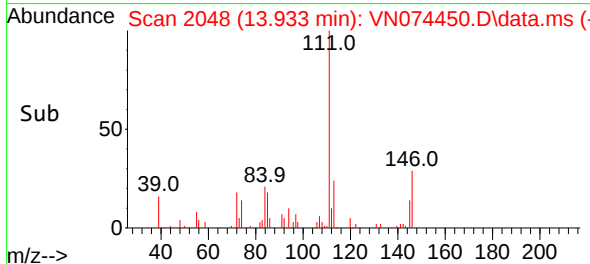
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



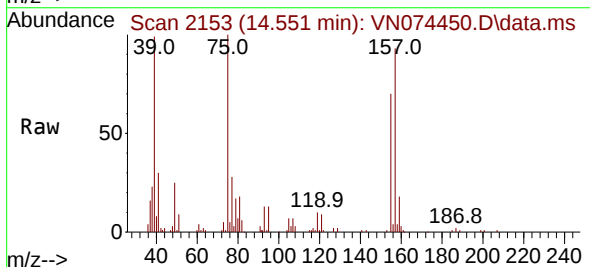
Tgt Ion:146 Resp: 31567
Ion Ratio Lower Upper
146 100
111 44.3 21.9 65.7
148 62.7 31.4 94.2

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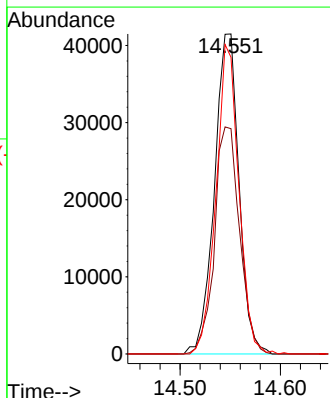
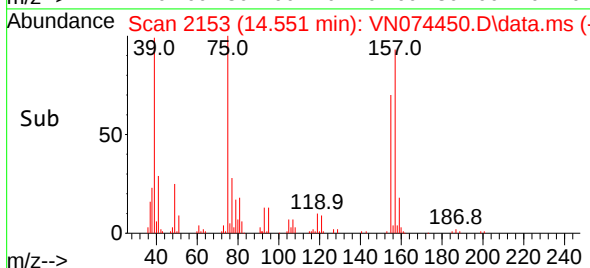
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

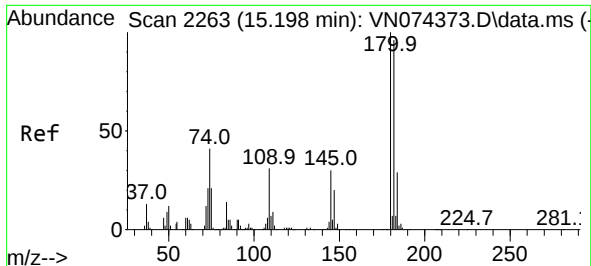


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.574 ug/l
RT: 14.551 min Scan# 2153
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



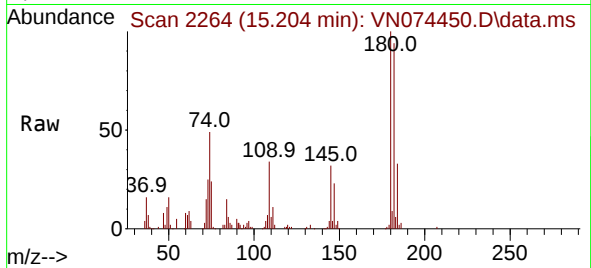
Tgt Ion: 75 Resp: 70500
Ion Ratio Lower Upper
75 100
155 72.6 36.6 109.9
157 90.0 46.2 138.5





#93
1,2,4-Trichlorobenzene
Concen: 44.486 ug/l
RT: 15.204 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

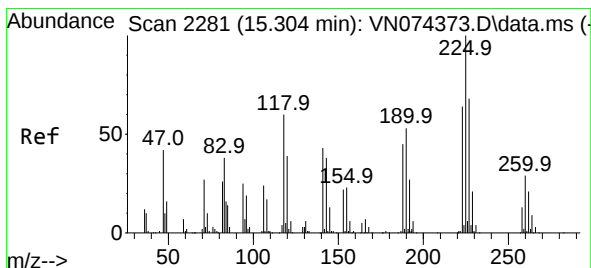
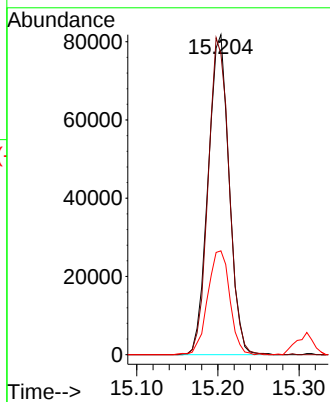
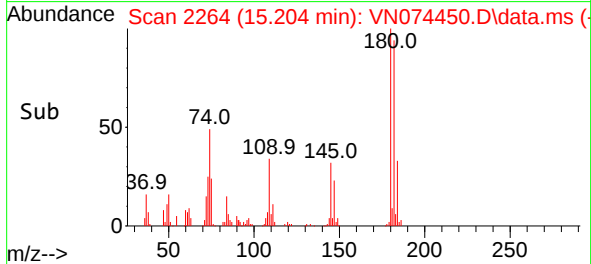
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



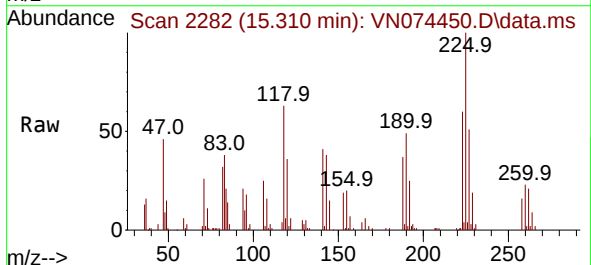
Tgt Ion:180 Resp: 14652
Ion Ratio Lower Upper
180 100
182 98.5 47.4 142.2
145 34.3 16.1 48.2

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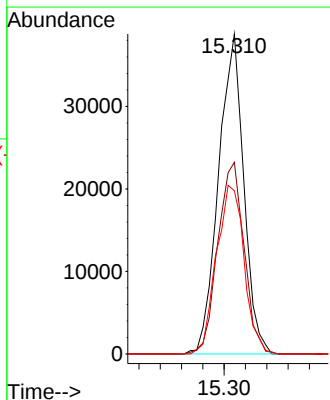
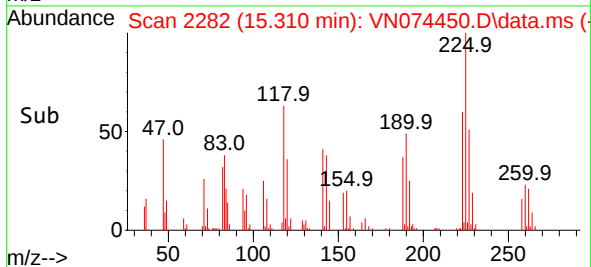
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

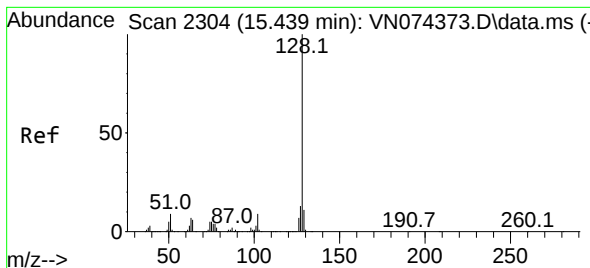


#94
Hexachlorobutadiene
Concen: 42.635 ug/l
RT: 15.310 min Scan# 2282
Delta R.T. 0.006 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11



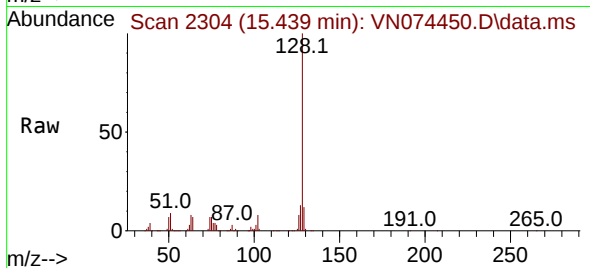
Tgt Ion:225 Resp: 63648
Ion Ratio Lower Upper
225 100
223 62.6 31.6 94.8
227 57.9 31.8 95.4





#95
Naphthalene
Concen: 48.927 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

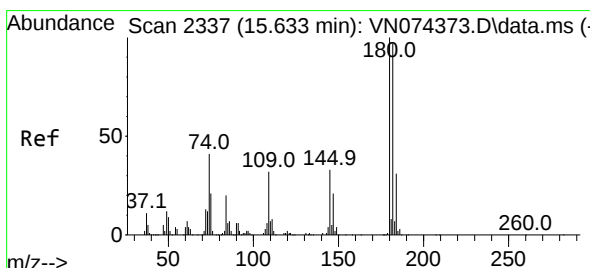
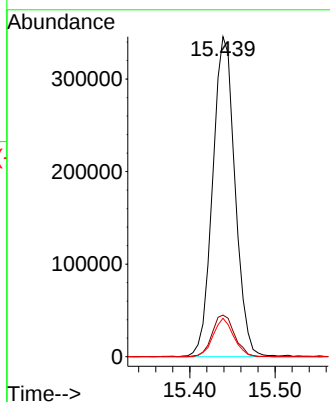
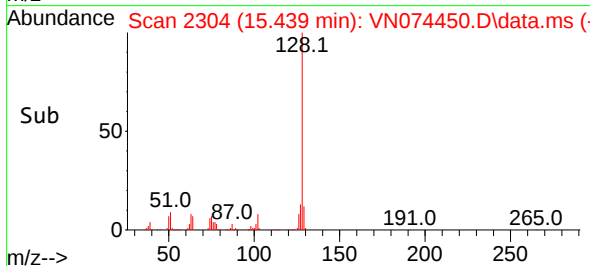
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 630479
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 44.948 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074450.D
Acq: 13 Sep 2022 22:11

Tgt Ion:180 Resp: 153203
Ion Ratio Lower Upper
180 100
182 97.3 47.6 142.8
145 35.1 17.3 52.0

