

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071608.D
 Acq On : 28 Mar 2022 16:46
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 08:17:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 08:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	686167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1081715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	981659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	426802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	406233	47.633	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.260%		
35) Dibromofluoromethane	8.016	113	335322	49.025	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.040%		
50) Toluene-d8	10.433	98	1365461	49.296	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.600%		
62) 4-Bromofluorobenzene	12.727	95	454321	49.901	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	322655	45.444	ug/l	97
3) Chloromethane	2.299	50	360290	40.605	ug/l	98
4) Vinyl Chloride	2.440	62	418426	43.913	ug/l	100
5) Bromomethane	2.840	94	273022	53.996	ug/l	98
6) Chloroethane	3.010	64	294980	45.484	ug/l	97
7) Trichlorofluoromethane	3.375	101	510543	46.060	ug/l	98
8) Diethyl Ether	3.822	74	216677	46.820	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	310885	46.664	ug/l	99
10) Methyl Iodide	4.422	142	464331	48.465	ug/l	100
11) Tert butyl alcohol	5.351	59	357737	228.182	ug/l	98
12) 1,1-Dichloroethene	4.187	96	304055	46.518	ug/l	99
13) Acrolein	4.034	56	286810	235.700	ug/l	99
14) Allyl chloride	4.840	41	487579	46.234	ug/l	100
15) Acrylonitrile	5.545	53	1006332	234.202	ug/l	99
16) Acetone	4.281	43	800906	230.777	ug/l	99
17) Carbon Disulfide	4.534	76	705885	41.991	ug/l	100
18) Methyl Acetate	4.851	43	426333	40.984	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1121961	47.739	ug/l	98
20) Methylene Chloride	5.093	84	360025	44.373	ug/l	99
21) trans-1,2-Dichloroethene	5.598	96	317635	44.949	ug/l	97
22) Diisopropyl ether	6.487	45	1051991	47.984	ug/l	98
23) Vinyl Acetate	6.428	43	4570607	242.875	ug/l	100
24) 1,1-Dichloroethane	6.381	63	620224	46.707	ug/l	99
25) 2-Butanone	7.328	43	1310122	235.147	ug/l	98
26) 2,2-Dichloropropane	7.322	77	537587	48.204	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	396995	46.801	ug/l	99
28) Bromochloromethane	7.651	49	251527	46.382	ug/l	98
29) Tetrahydrofuran	7.675	42	866015	233.788	ug/l	99
30) Chloroform	7.810	83	642959	48.057	ug/l	100
31) Cyclohexane	8.092	56	536172	44.379	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	558462	48.020	ug/l	99
36) 1,1-Dichloropropene	8.216	75	462538	47.323	ug/l	100
37) Ethyl Acetate	7.404	43	515833	48.602	ug/l	99
38) Carbon Tetrachloride	8.204	117	470192	49.042	ug/l	99
39) Methylcyclohexane	9.457	83	585464	48.954	ug/l	98
40) Benzene	8.457	78	1443383	47.385	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	252697	49.604	ug/l	94
42) 1,2-Dichloroethane	8.522	62	500854	47.202	ug/l	100
43) Isopropyl Acetate	8.551	43	829133	45.526	ug/l	99
44) Trichloroethene	9.210	130	376297	47.513	ug/l	98
45) 1,2-Dichloropropane	9.486	63	360574	47.756	ug/l	98
46) Dibromomethane	9.575	93	246571	47.888	ug/l	99
47) Bromodichloromethane	9.757	83	502012	49.649	ug/l	99
48) Methyl methacrylate	9.551	41	385206	50.056	ug/l	100
49) 1,4-Dioxane	9.563	88	162810	927.843	ug/l	98
51) 4-Methyl-2-Pentanone	10.322	43	2592822	243.070	ug/l	100
52) Toluene	10.498	92	933855	48.917	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	541626	49.994	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	595846	49.810	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	372433	47.944	ug/l	98
56) Ethyl methacrylate	10.757	69	588628	50.489	ug/l	99
57) 1,3-Dichloropropane	11.039	76	630298	48.385	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	799788	276.166	ug/l	100
59) 2-Hexanone	11.080	43	1888917	245.841	ug/l	100
60) Dibromochloromethane	11.233	129	392189	49.982	ug/l	100
61) 1,2-Dibromoethane	11.339	107	384034	49.136	ug/l	99
64) Tetrachloroethene	10.975	164	327078	47.983	ug/l	96
65) Chlorobenzene	11.763	112	1001422	47.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	371022	50.021	ug/l	99
67) Ethyl Benzene	11.839	91	1797454	50.095	ug/l	99
68) m/p-Xylenes	11.951	106	1382165	100.818	ug/l	99
69) o-Xylene	12.274	106	690068	50.576	ug/l	99
70) Styrene	12.286	104	1104873	51.891	ug/l	99
71) Bromoform	12.451	173	299334	51.378	ug/l	100
73) Isopropylbenzene	12.574	105	1773153	47.201	ug/l	99
74) N-amyl acetate	12.380	43	569054	47.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	573336	44.822	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	482831m	49.899	ug/l	
77) Bromobenzene	12.857	156	427724	45.591	ug/l	98
78) n-propylbenzene	12.916	91	1943213	48.656	ug/l	100
79) 2-Chlorotoluene	13.004	91	1182041	45.884	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1418558	47.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	174748	49.147	ug/l	98
82) 4-Chlorotoluene	13.098	91	1122566	47.296	ug/l	99
83) tert-Butylbenzene	13.316	119	1306410	48.668	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1388420	48.529	ug/l	100
85) sec-Butylbenzene	13.498	105	1756544	49.417	ug/l	99
86) p-Isopropyltoluene	13.610	119	1430195	50.541	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	727785	47.788	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	701509	46.639	ug/l	99
89) n-Butylbenzene	13.939	91	1079559	49.715	ug/l	100
90) Hexachloroethane	14.204	117	255963	46.447	ug/l	98
91) 1,2-Dichlorobenzene	13.980	146	708262	48.370	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	101308	45.820	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	338045	49.812	ug/l	98
94) Hexachlorobutadiene	15.362	225	200705	48.808	ug/l	99
95) Naphthalene	15.498	128	939886	50.660	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	330089	49.247	ug/l	99

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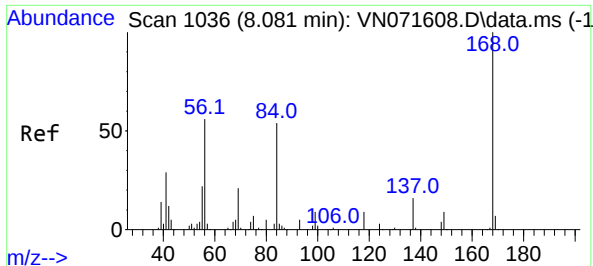
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

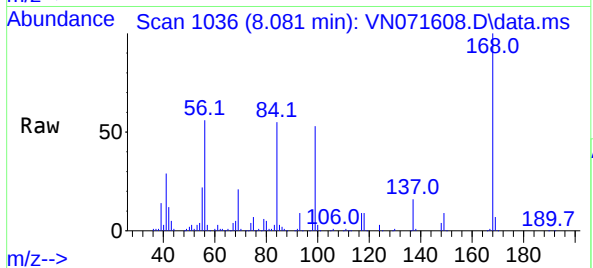
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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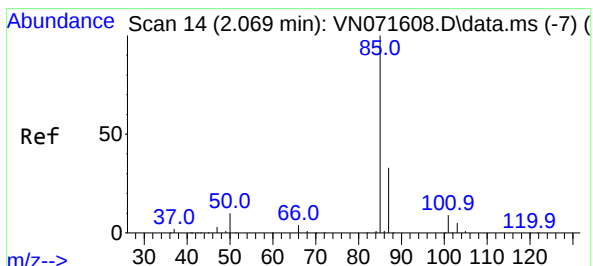
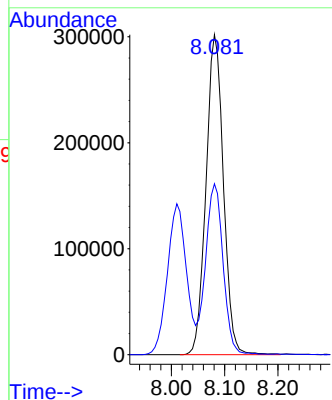
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 68616
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5

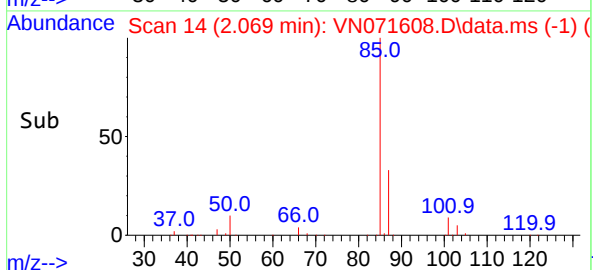
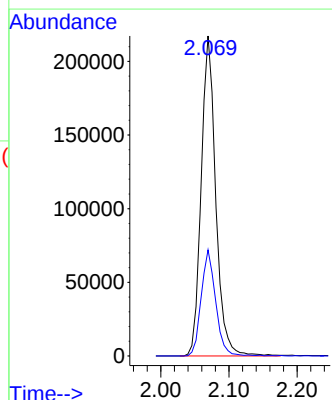
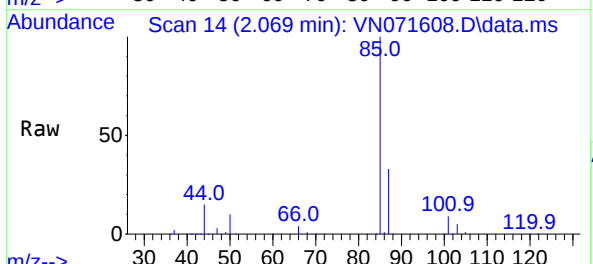
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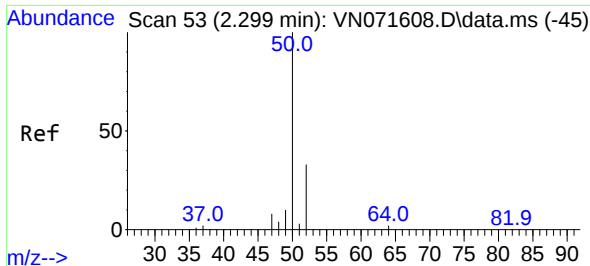
Reviewed By :John Carlone 03/29/2022
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#2
Dichlorodifluoromethane
Concen: 45.444 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

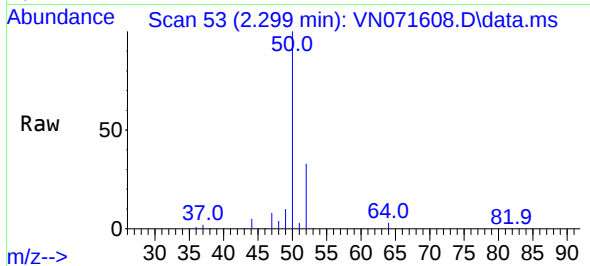
Tgt Ion: 85 Resp: 322655
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.1





#3
Chloromethane
Concen: 40.605 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

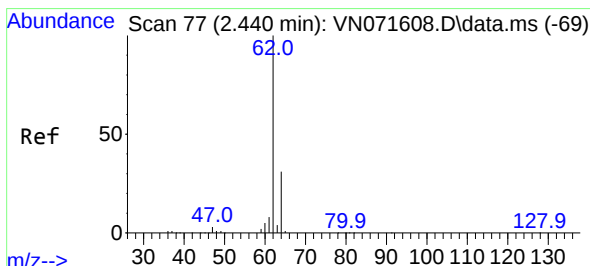
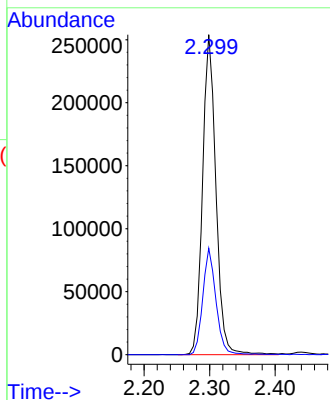
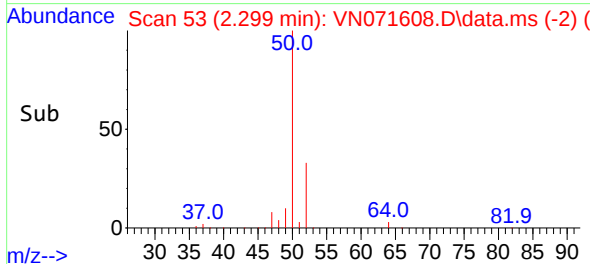
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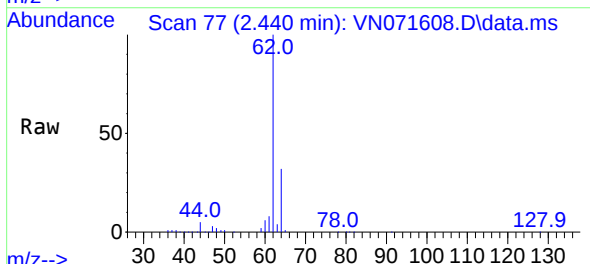
Tgt Ion: 50 Resp: 360290
Ion Ratio Lower Upper
50 100
52 33.3 25.7 38.5

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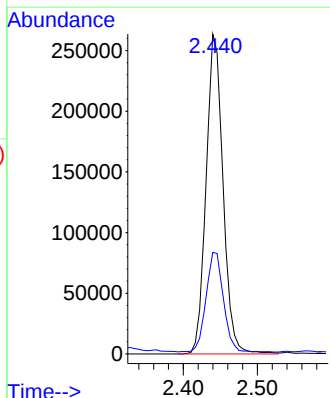
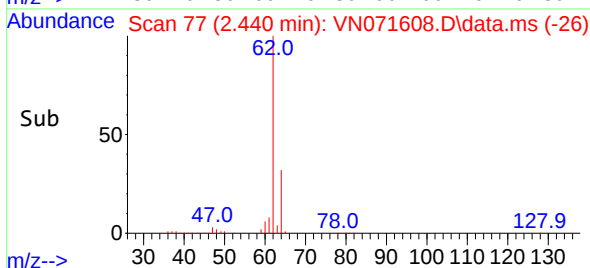
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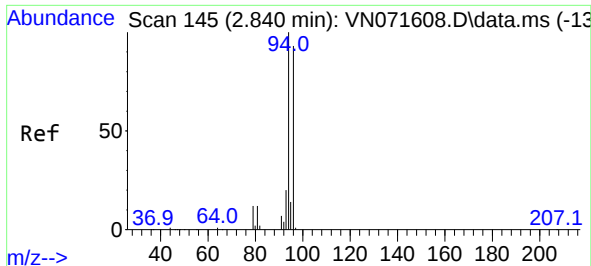


#4
Vinyl Chloride
Concen: 43.913 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
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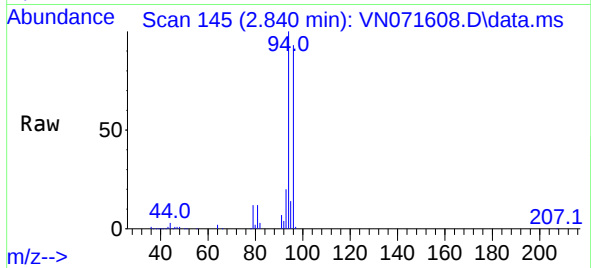
Tgt Ion: 62 Resp: 418426
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 53.996 ug/l
RT: 2.840 min Scan# 145
Delta R.T. 0.000 min
Lab File: VN071608.D
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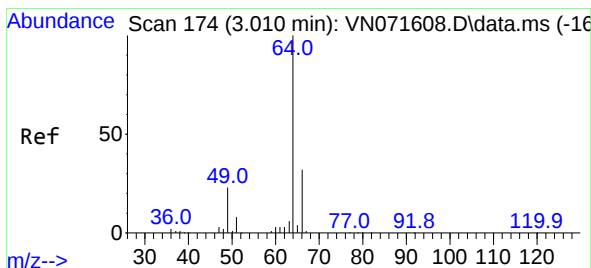
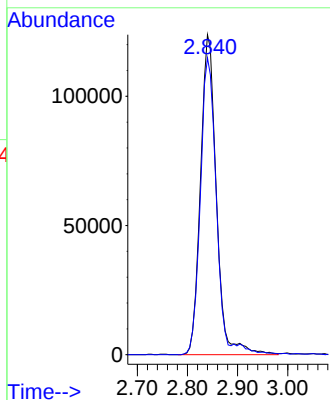
Instrument :
MSVOA_N
ClientSampleId :
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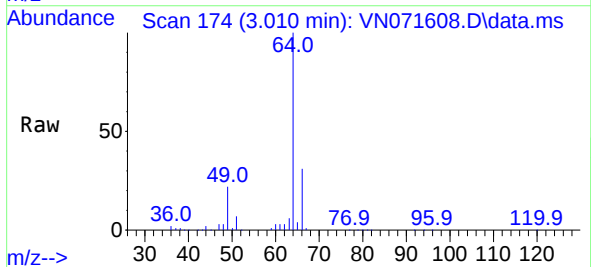
Tgt Ion: 94 Resp: 27302
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0

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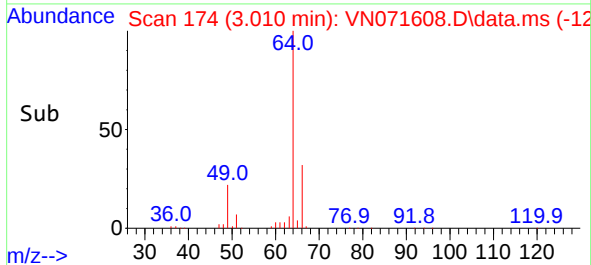
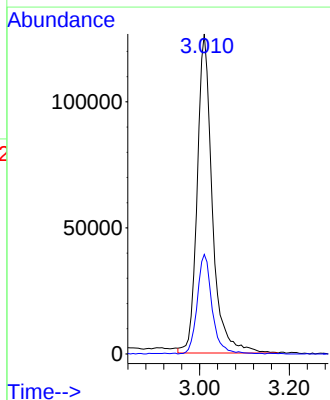
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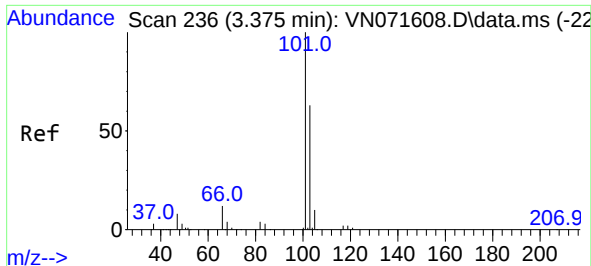


#6
Chloroethane
Concen: 45.484 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion: 64 Resp: 294980
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.4





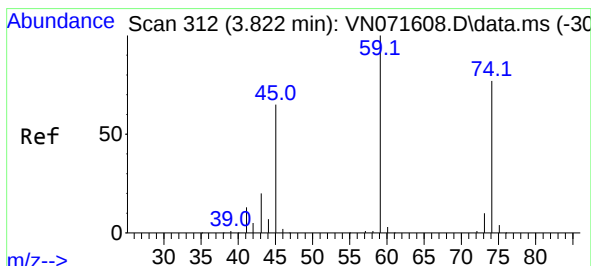
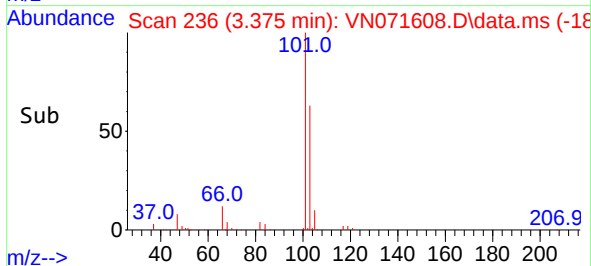
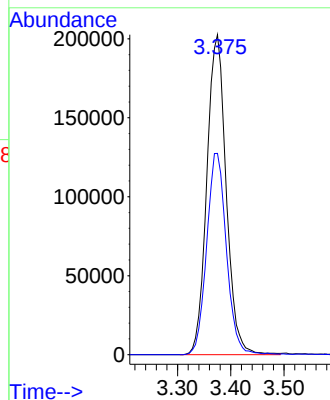
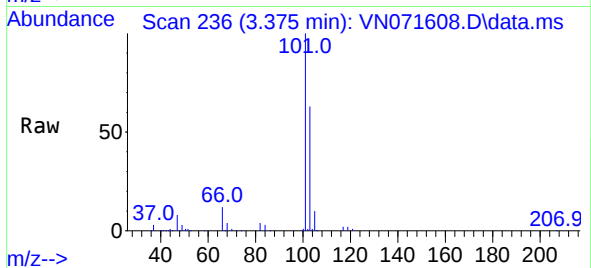
#7
Trichlorofluoromethane
Concen: 46.060 ug/l
RT: 3.375 min Scan# 236
Delta R.T. 0.000 min
Lab File: VN071608.D
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Instrument :
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Tgt Ion:101 Resp: 51054
Ion Ratio Lower Upper
101 100
103 62.9 51.5 77.3

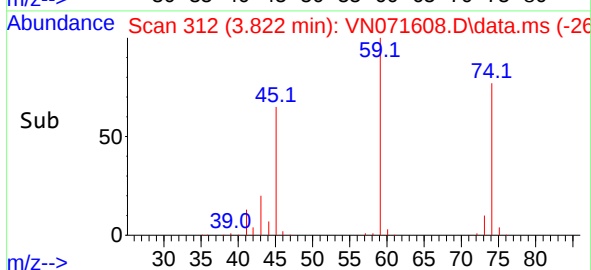
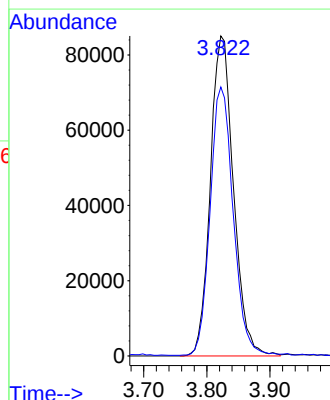
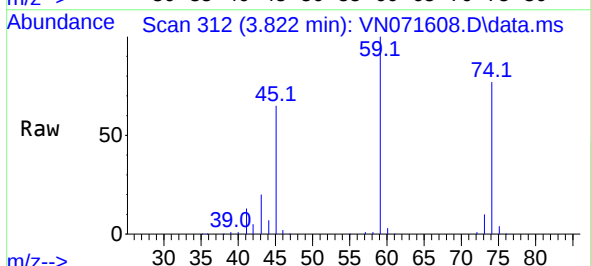
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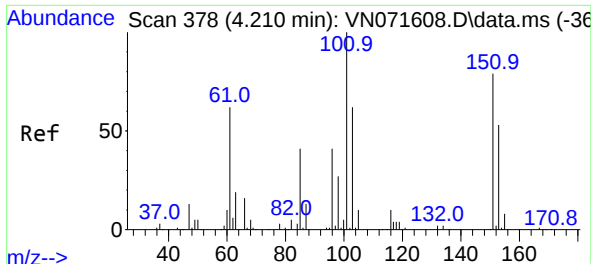
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#8
Diethyl Ether
Concen: 46.820 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN071608.D
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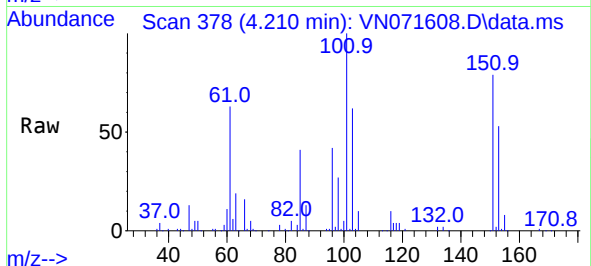
Tgt Ion: 74 Resp: 216677
Ion Ratio Lower Upper
74 100
45 83.6 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.664 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071608.D
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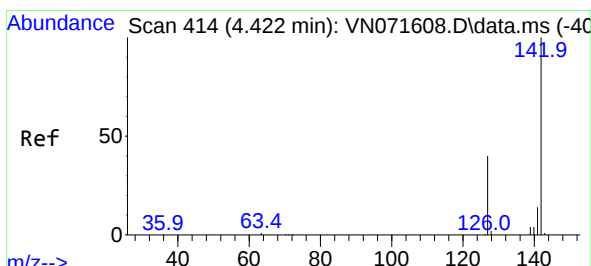
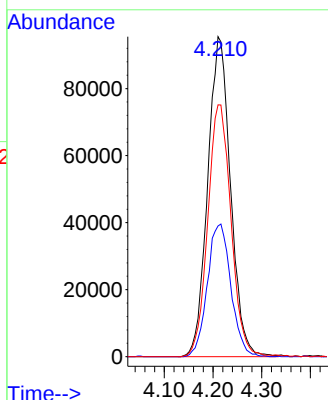
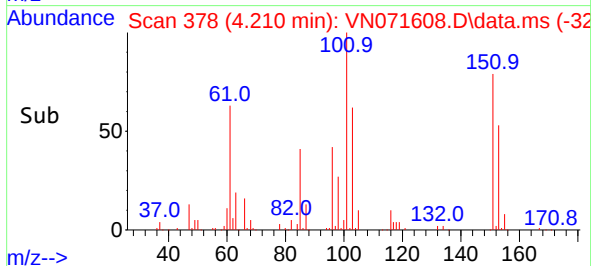
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ClientSampleId :
VSTDICCC050



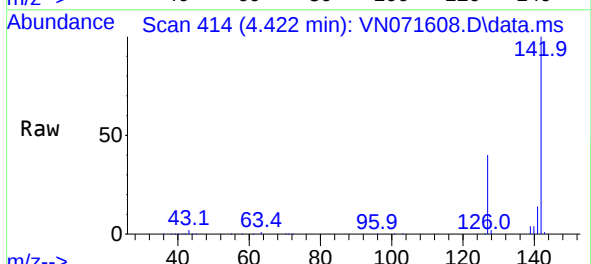
Tgt Ion:101 Resp: 31088
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 80.1 63.0 94.4

Manual Integrations
APPROVED

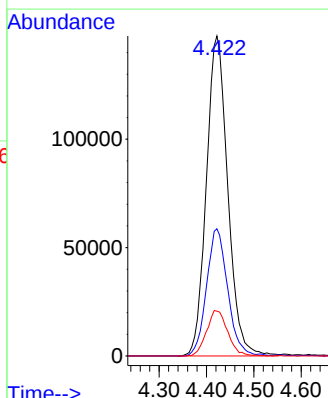
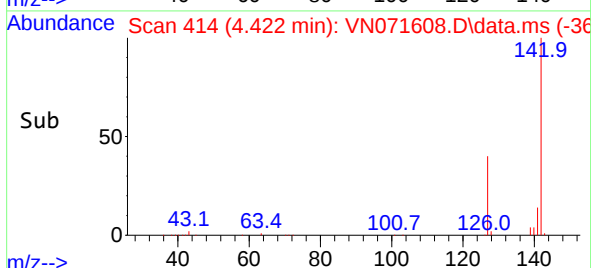
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

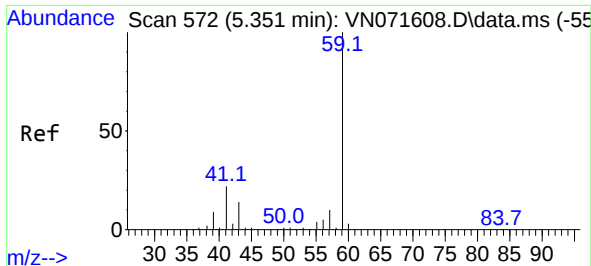


#10
Methyl Iodide
Concen: 48.465 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



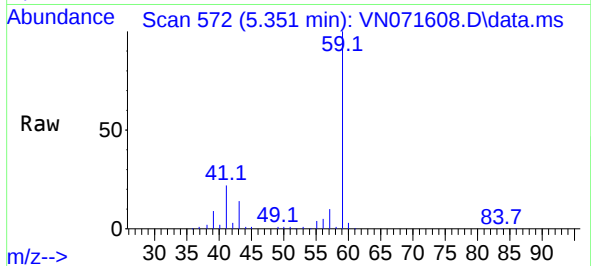
Tgt Ion:142 Resp: 464331
Ion Ratio Lower Upper
142 100
127 39.3 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 228.182 ug/l
RT: 5.351 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

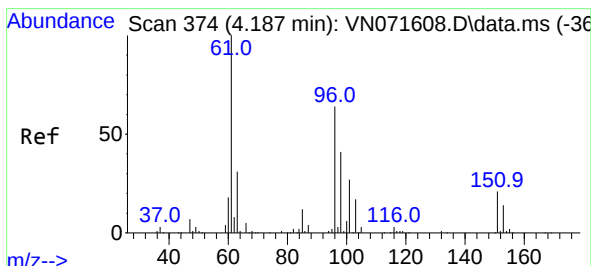
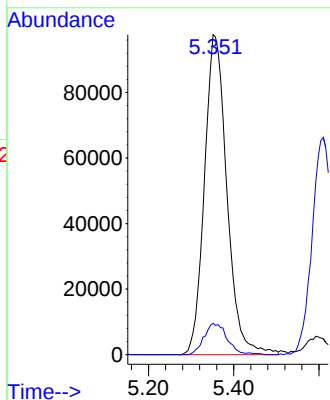
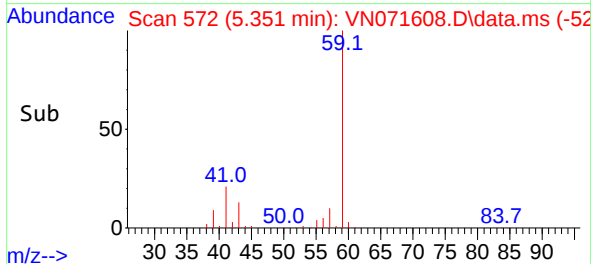
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



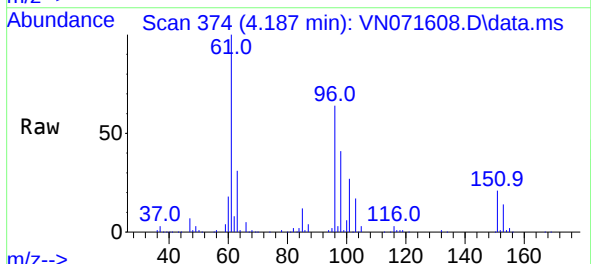
Tgt Ion: 59 Resp: 35773
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

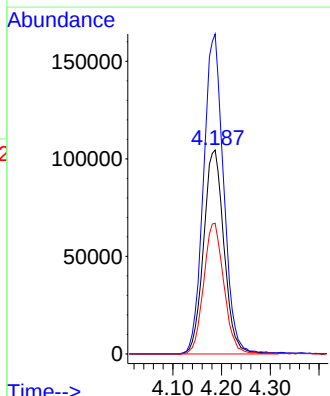
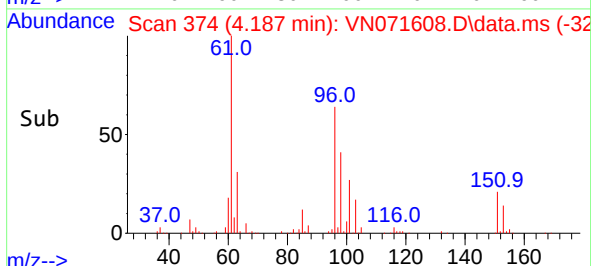
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

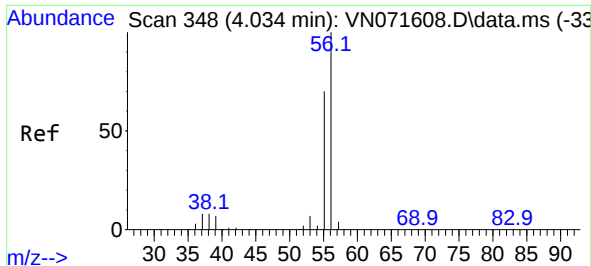


#12
1,1-Dichloroethene
Concen: 46.518 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



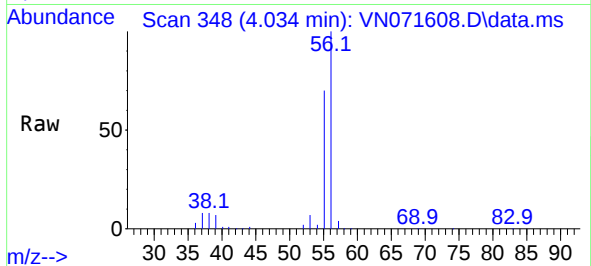
Tgt Ion: 96 Resp: 304055
Ion Ratio Lower Upper
96 100
61 156.9 127.6 191.4
98 64.1 51.2 76.8





#13
Acrolein
Concen: 235.700 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

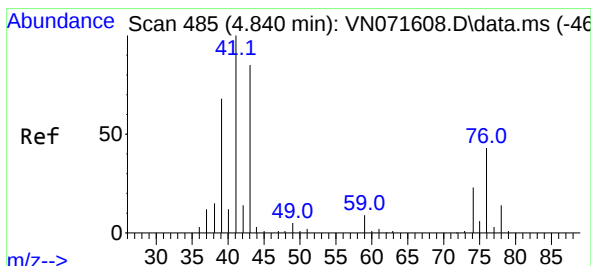
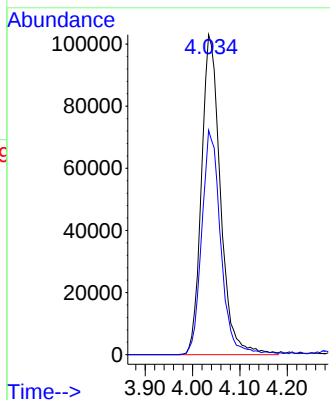
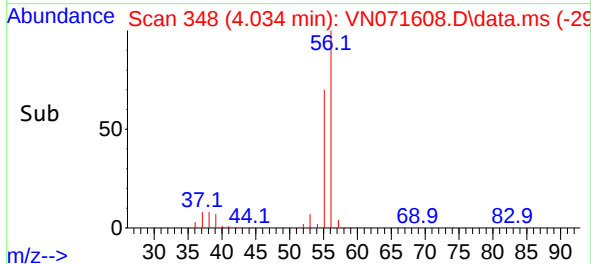
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



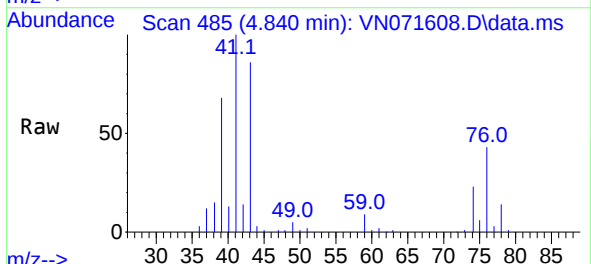
Tgt Ion: 56 Resp: 286810
Ion Ratio Lower Upper
56 100
55 69.4 54.8 82.2

Manual Integrations
APPROVED

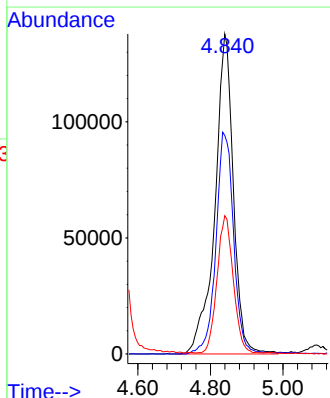
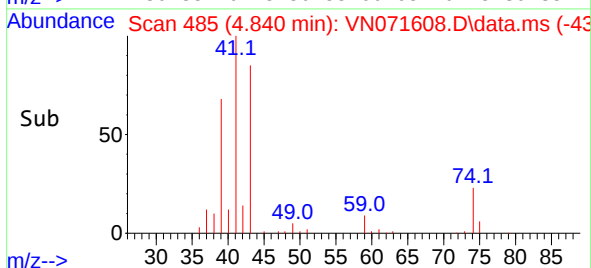
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

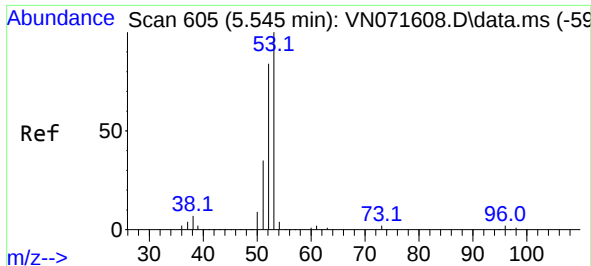


#14
Allyl chloride
Concen: 46.234 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



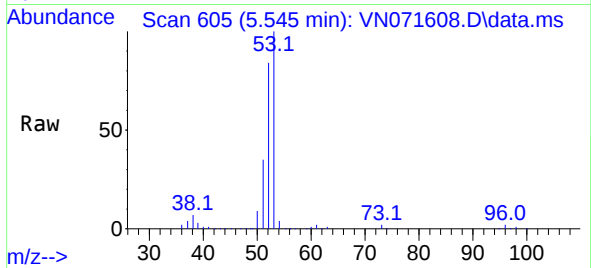
Tgt Ion: 41 Resp: 487579
Ion Ratio Lower Upper
41 100
39 66.3 53.2 79.8
76 37.4 29.9 44.9





#15
Acrylonitrile
Concen: 234.202 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

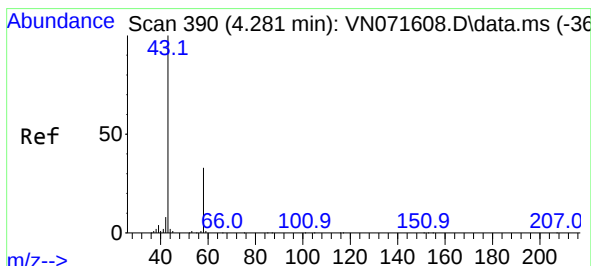
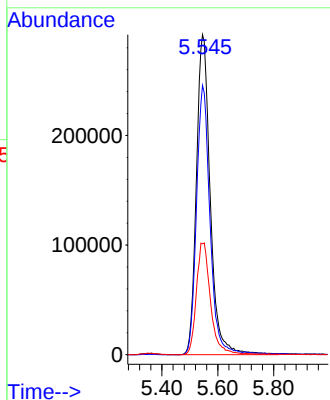
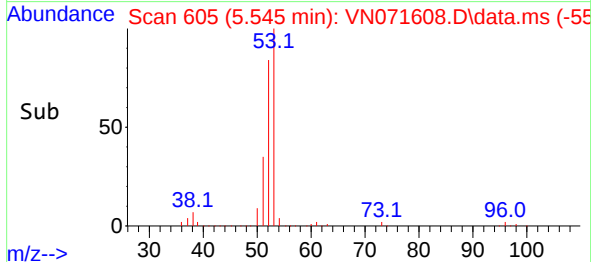
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



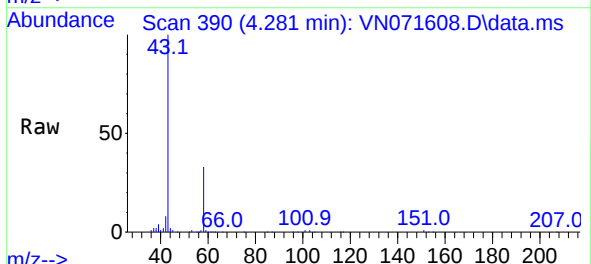
Tgt Ion: 53 Resp: 100633
Ion Ratio Lower Upper
53 100
52 81.3 66.4 99.6
51 35.5 28.5 42.7

Manual Integrations
APPROVED

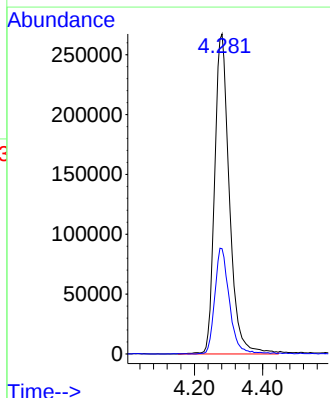
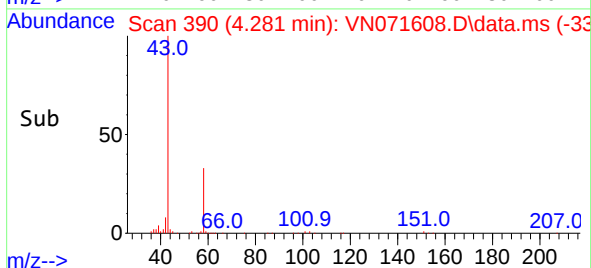
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

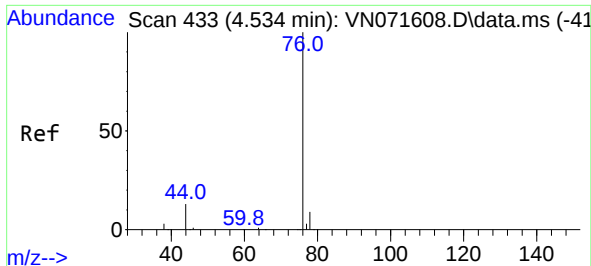


#16
Acetone
Concen: 230.777 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



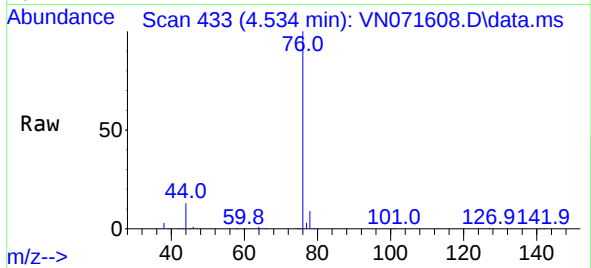
Tgt Ion: 43 Resp: 800906
Ion Ratio Lower Upper
43 100
58 32.8 26.0 39.0





#17
Carbon Disulfide
Concen: 41.991 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

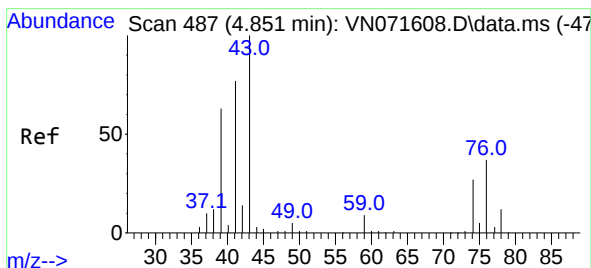
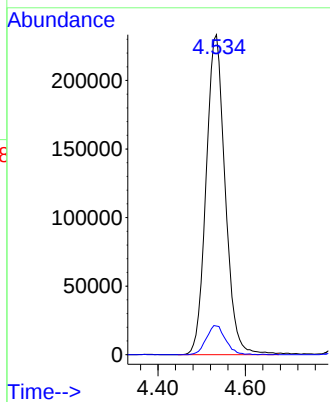
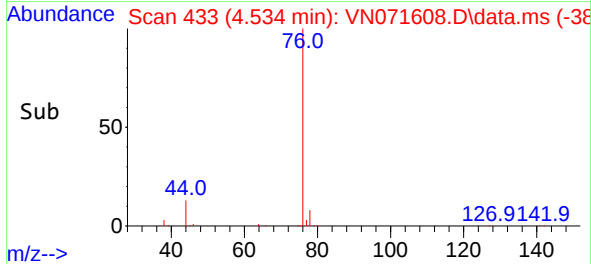
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



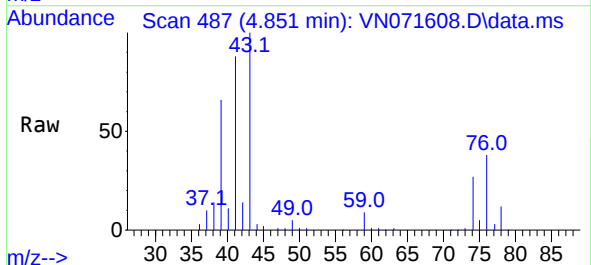
Tgt Ion: 76 Resp: 70588
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

Manual Integrations
APPROVED

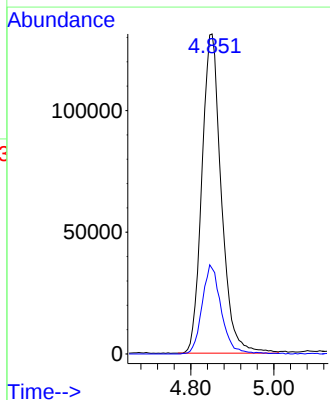
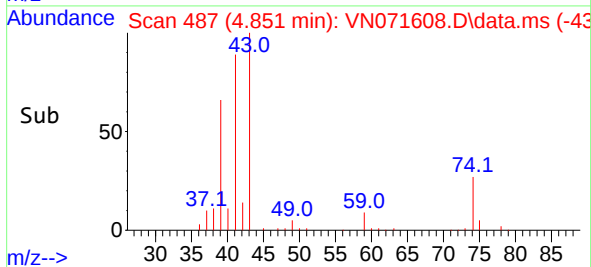
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

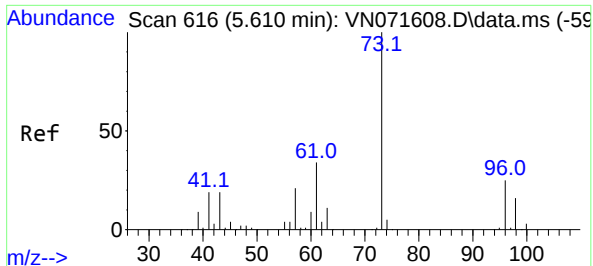


#18
Methyl Acetate
Concen: 40.984 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



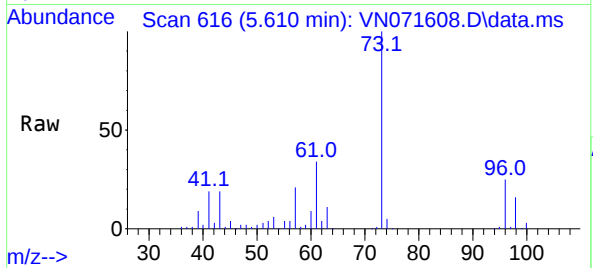
Tgt Ion: 43 Resp: 426333
Ion Ratio Lower Upper
43 100
74 27.2 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 47.739 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

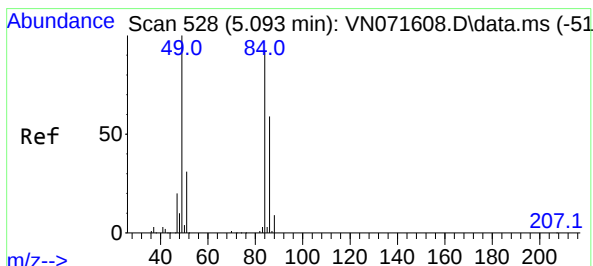
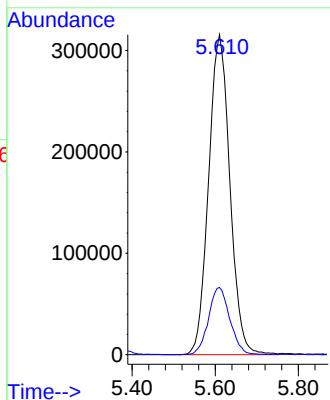
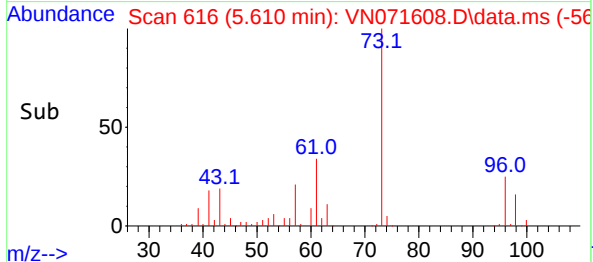
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



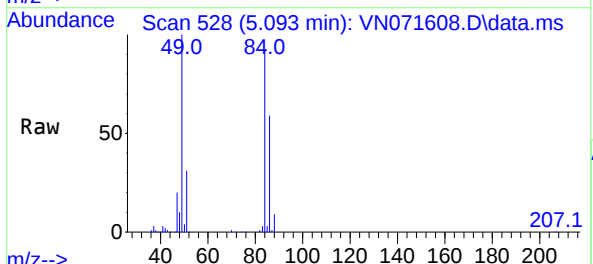
Tgt Ion: 73 Resp: 112196
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

Manual Integrations
APPROVED

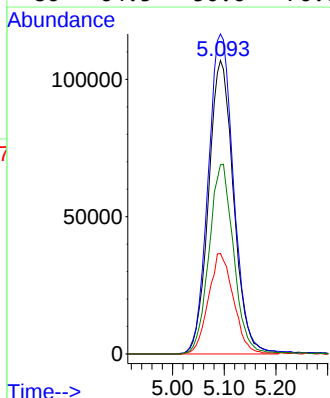
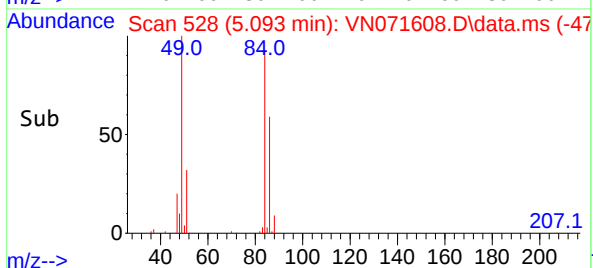
Reviewed By : John Carlone 03/29/2022
Supervised By : Mahesh Dadoda 03/29/2022

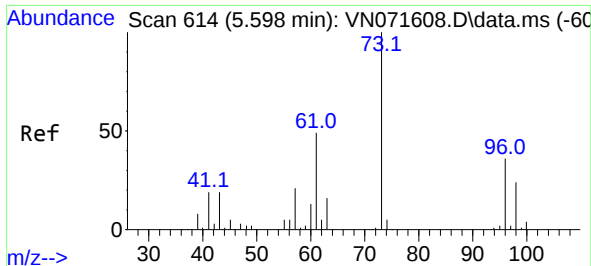


#20
Methylene Chloride
Concen: 44.373 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



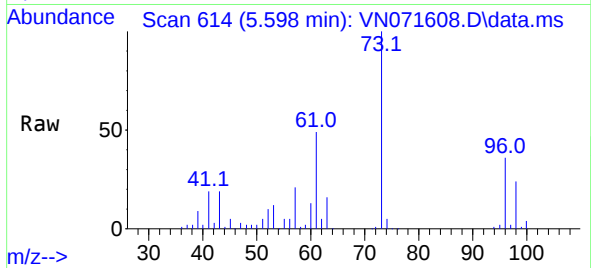
Tgt Ion: 84 Resp: 360025
Ion Ratio Lower Upper
84 100
49 109.1 88.3 132.5
51 34.3 28.2 42.2
86 64.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 44.949 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

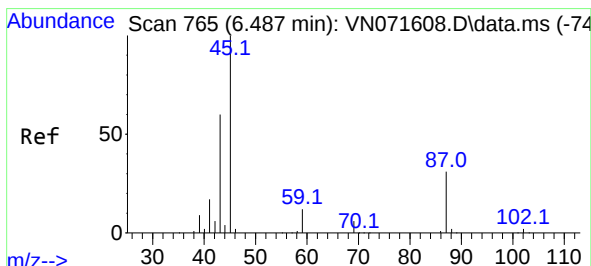
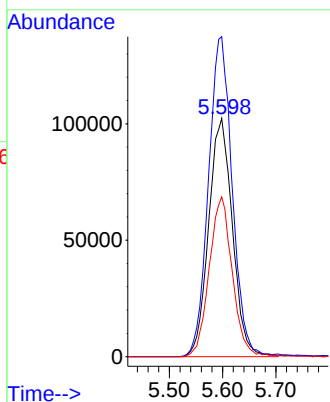
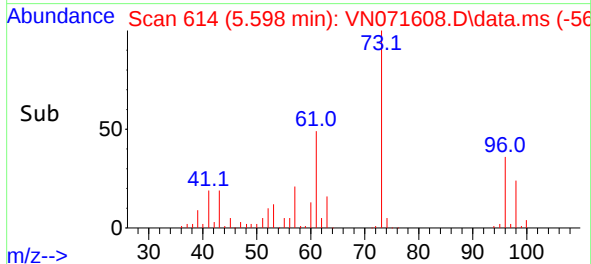
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



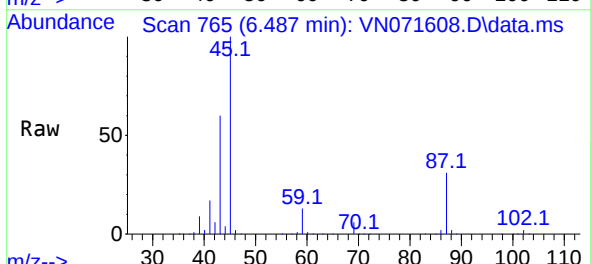
Tgt Ion: 96 Resp: 31763
Ion Ratio Lower Upper
96 100
61 134.3 105.8 158.8
98 67.1 50.3 75.5

Manual Integrations
APPROVED

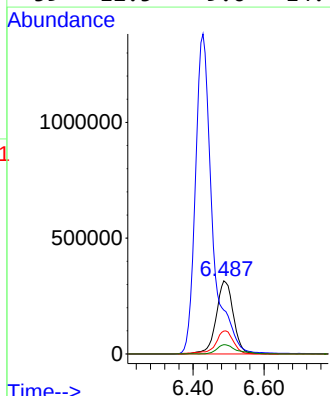
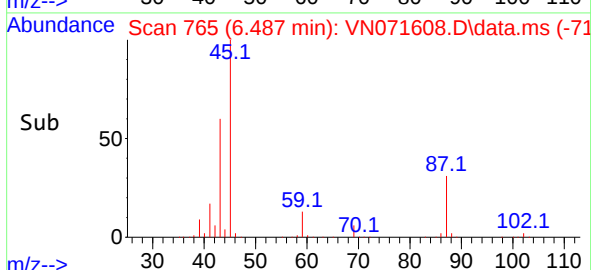
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

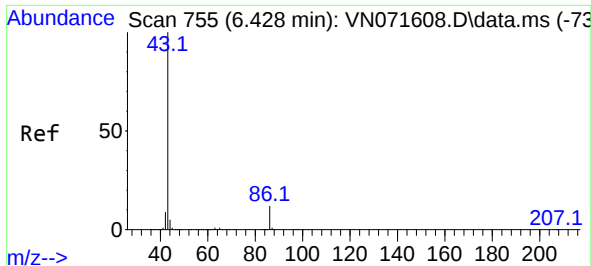


#22
Diisopropyl ether
Concen: 47.984 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



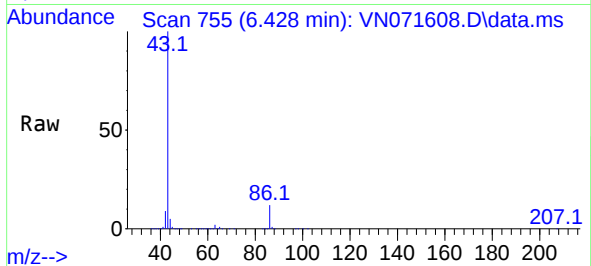
Tgt Ion: 45 Resp: 1051991
Ion Ratio Lower Upper
45 100
43 59.6 46.6 70.0
87 31.2 24.3 36.5
59 12.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 242.875 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071608.D
 Acq: 28 Mar 2022 16:46

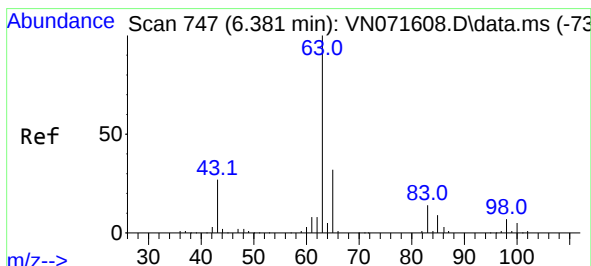
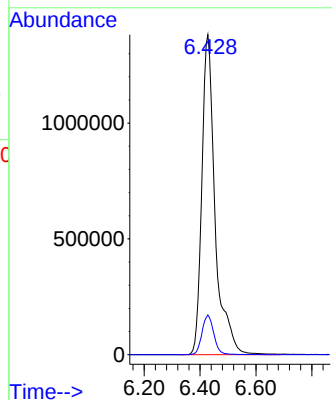
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 457060
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.0 15.0

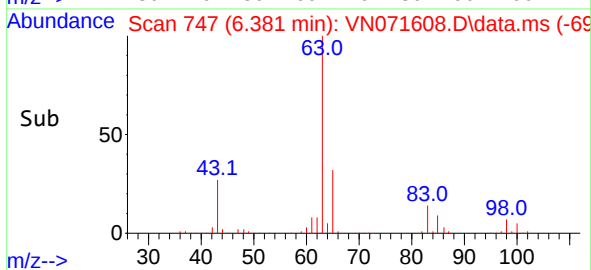
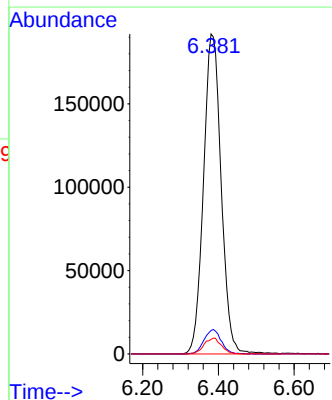
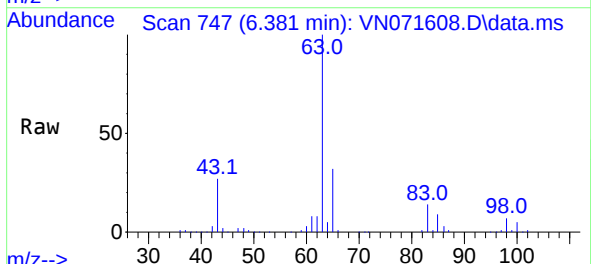
Manual Integrations
 APPROVED

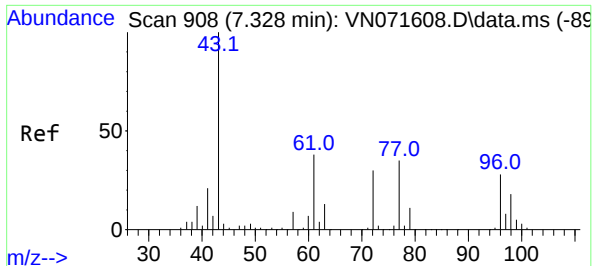
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#24
 1,1-Dichloroethane
 Concen: 46.707 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN071608.D
 Acq: 28 Mar 2022 16:46

Tgt Ion: 63 Resp: 620224
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 235.147 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN071608.D

Acq: 28 Mar 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 131012

Ion Ratio Lower Upper

43 100

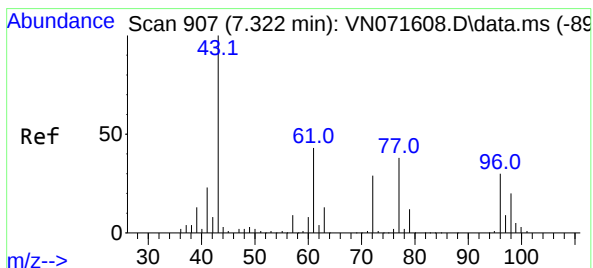
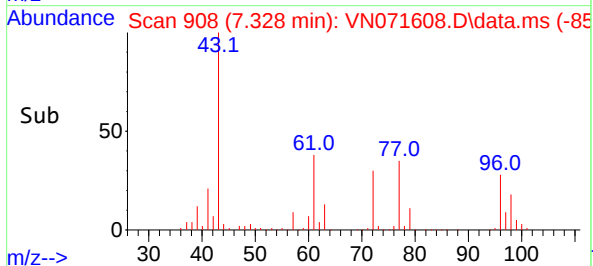
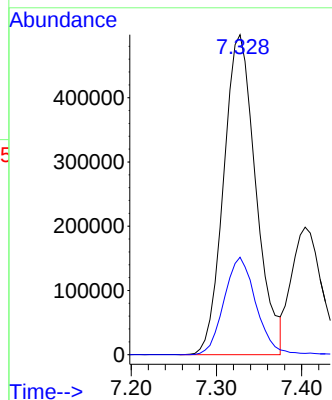
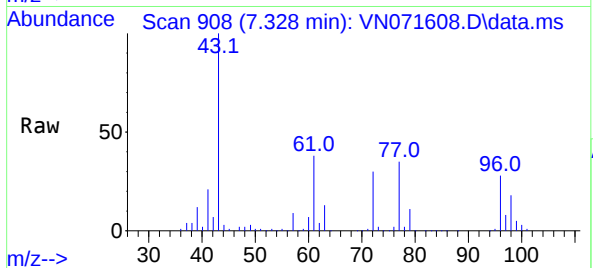
72 30.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#26

2,2-Dichloropropane

Concen: 48.204 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN071608.D

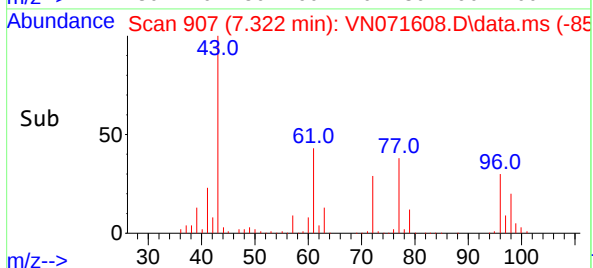
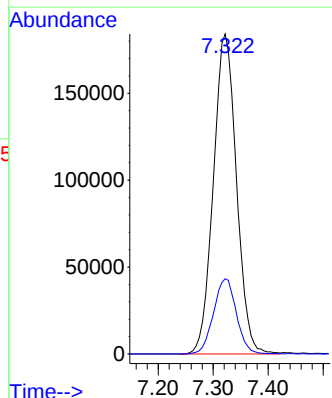
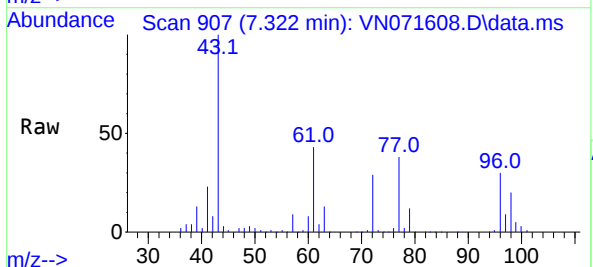
Acq: 28 Mar 2022 16:46

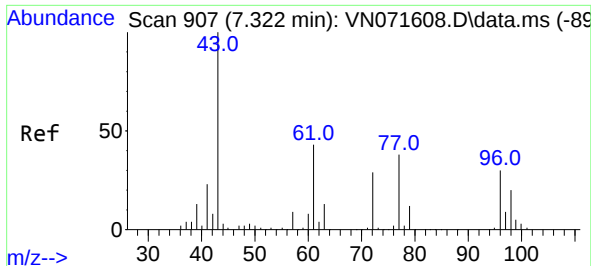
Tgt Ion: 77 Resp: 537587

Ion Ratio Lower Upper

77 100

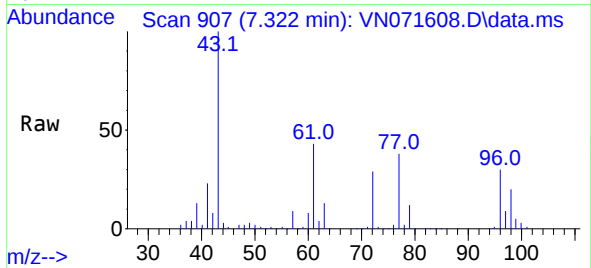
97 23.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 46.801 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN071608.D
 Acq: 28 Mar 2022 16:46

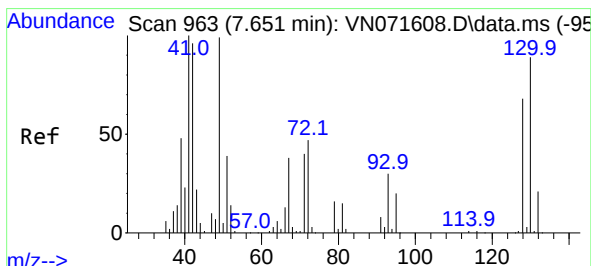
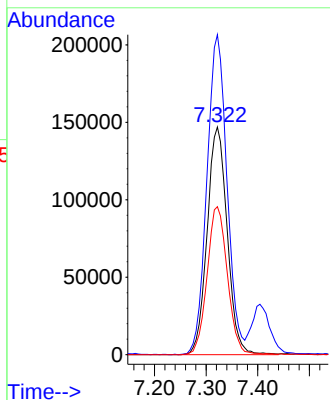
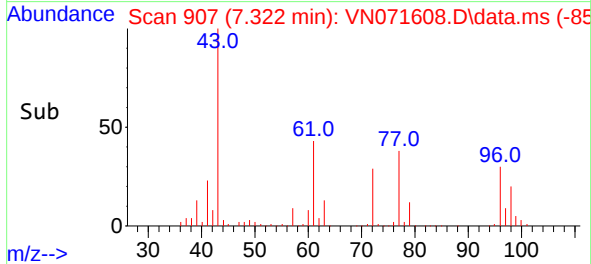
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 396995
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 280.6
 98 65.9 0.0 128.4

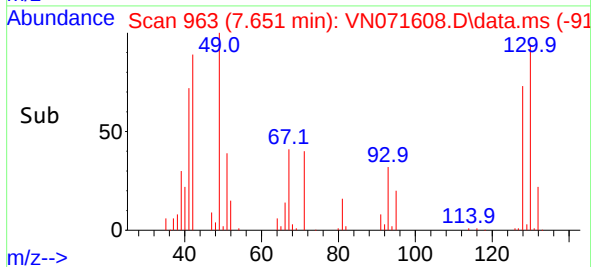
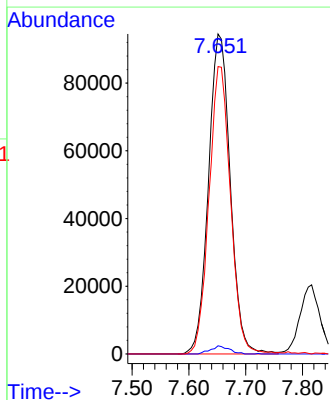
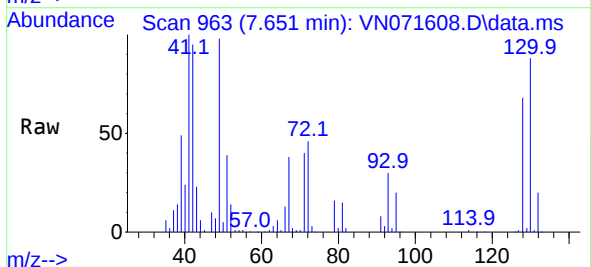
Manual Integrations
 APPROVED

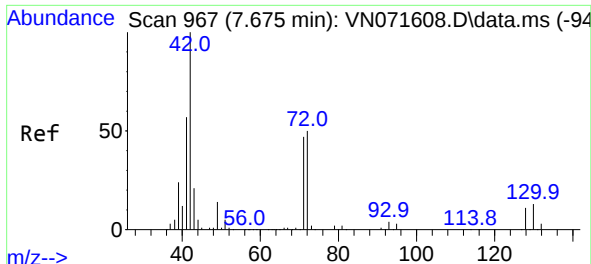
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#28
 Bromochloromethane
 Concen: 46.382 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. 0.000 min
 Lab File: VN071608.D
 Acq: 28 Mar 2022 16:46

Tgt Ion: 49 Resp: 251527
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 88.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 233.788 ug/l

RT: 7.675 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071608.D

Acq: 28 Mar 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

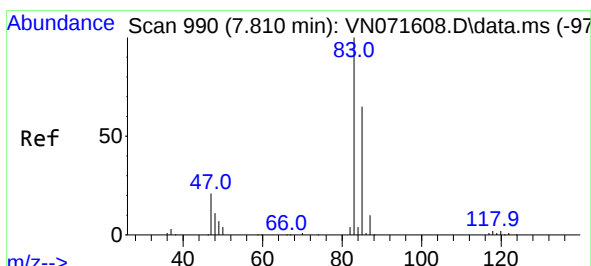
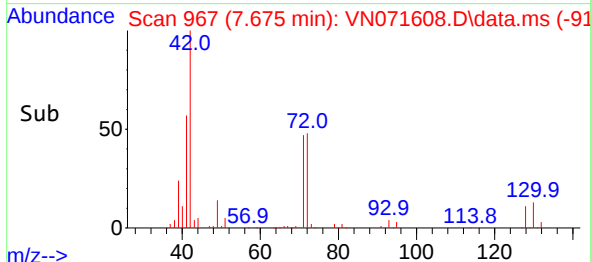
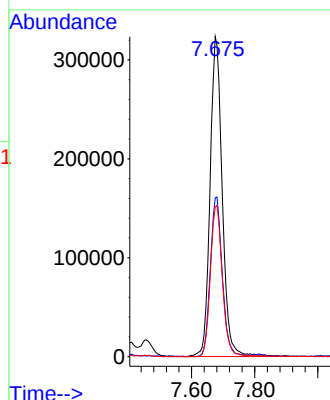
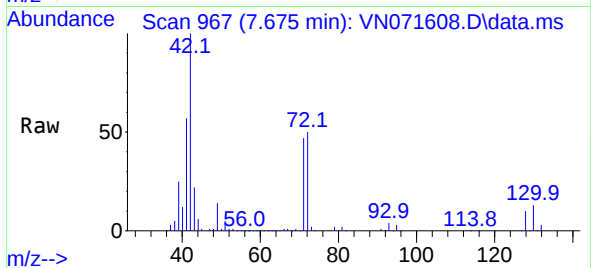
VSTDICCC050

Tgt Ion: 42 Resp: 866015
 Ion Ratio Lower Upper
 42 100
 72 48.9 39.7 59.5
 71 46.4 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022



#30

Chloroform

Concen: 48.057 ug/l

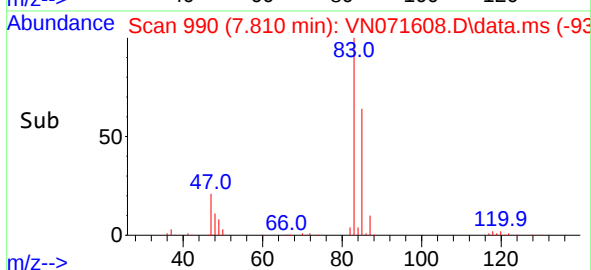
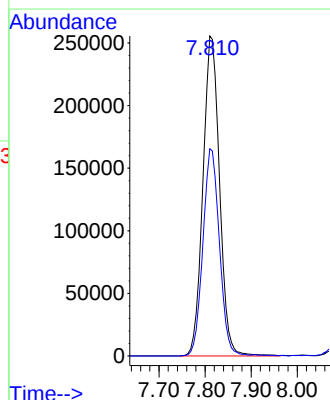
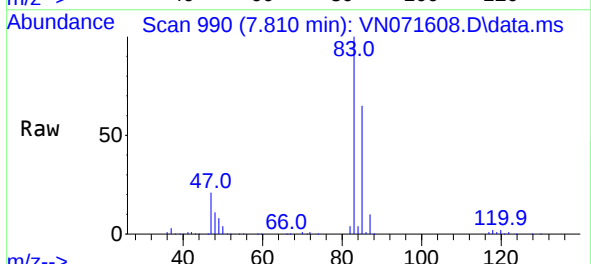
RT: 7.810 min Scan# 990

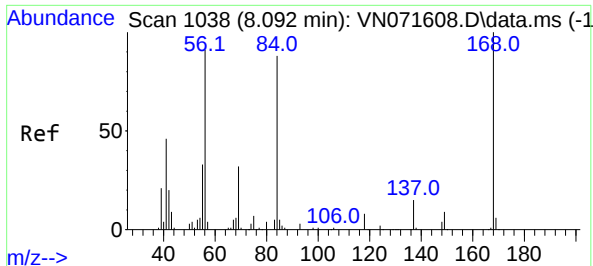
Delta R.T. 0.000 min

Lab File: VN071608.D

Acq: 28 Mar 2022 16:46

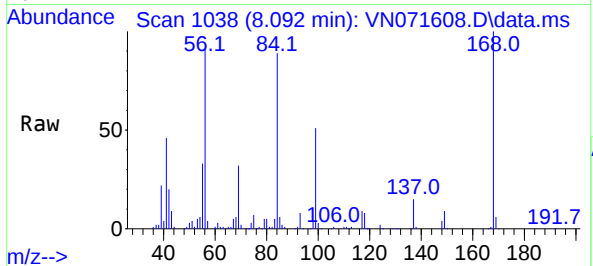
Tgt Ion: 83 Resp: 642959
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.8 77.8





#31
Cyclohexane
Concen: 44.379 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

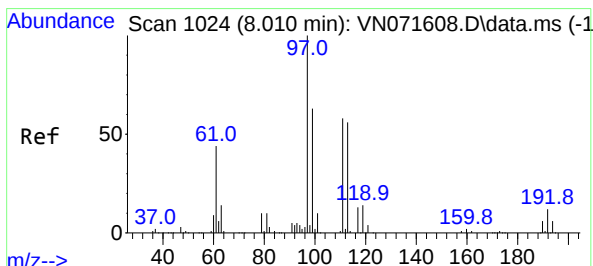
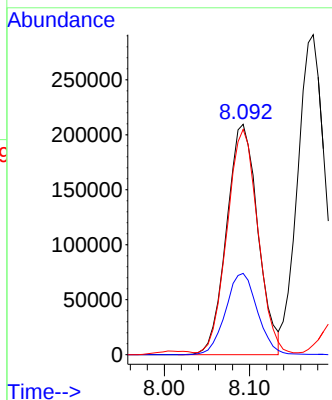
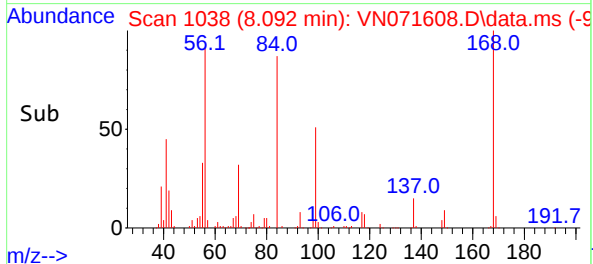
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



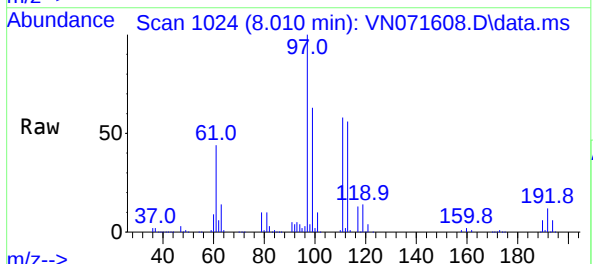
Tgt Ion: 56 Resp: 536172
Ion Ratio Lower Upper
56 100
69 35.3 27.8 41.8
84 96.4 76.9 115.3

Manual Integrations
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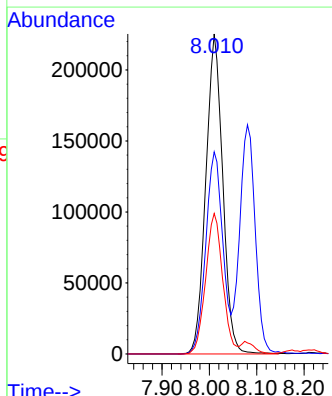
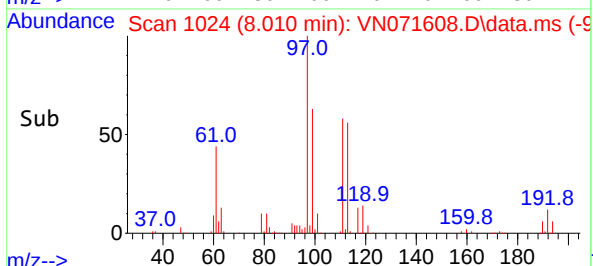
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

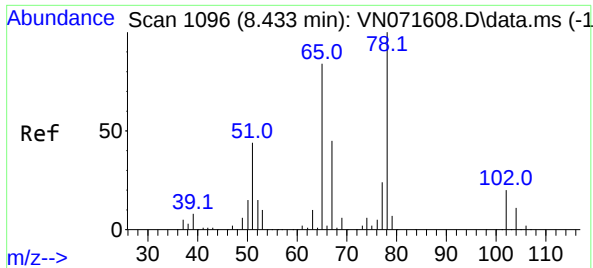


#32
1,1,1-Trichloroethane
Concen: 48.020 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion: 97 Resp: 558462
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 44.5 36.0 54.0





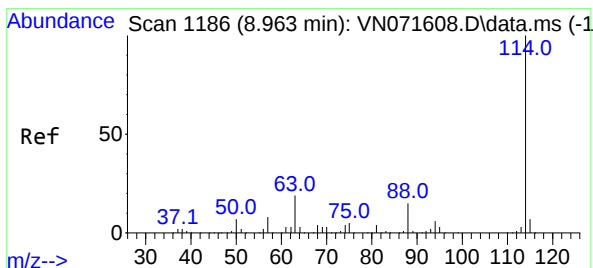
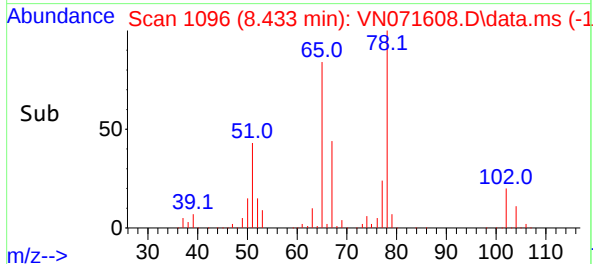
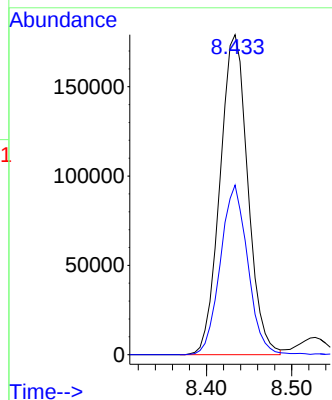
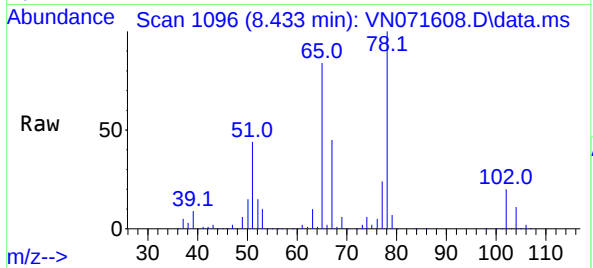
#33
1,2-Dichloroethane-d4
Concen: 47.633 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 40623
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

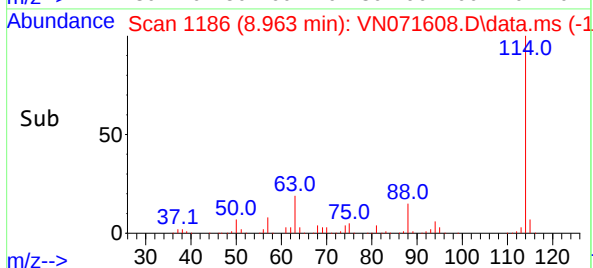
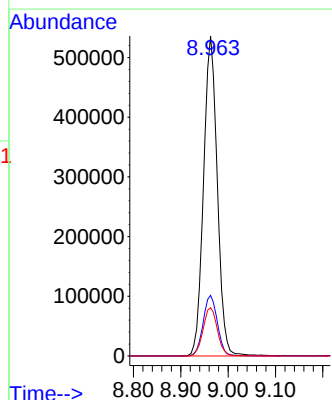
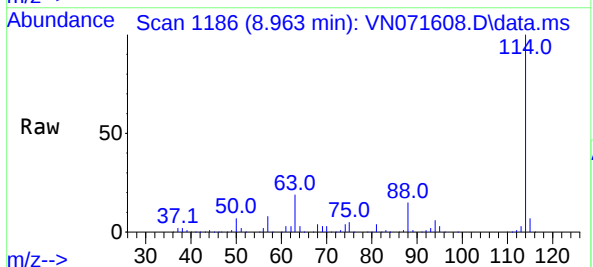
Manual Integrations
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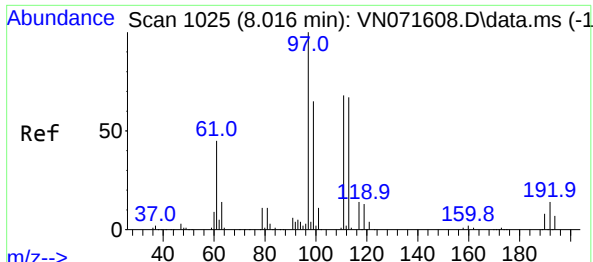
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

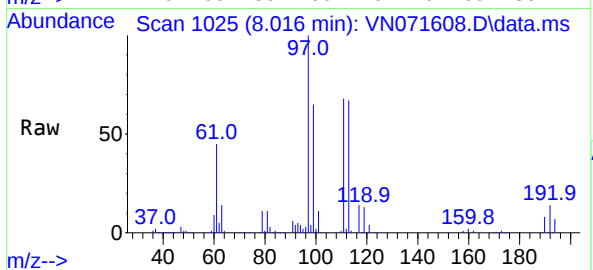
Tgt Ion:114 Resp: 1081715
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.025 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

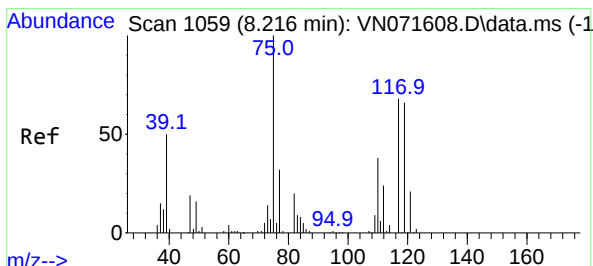
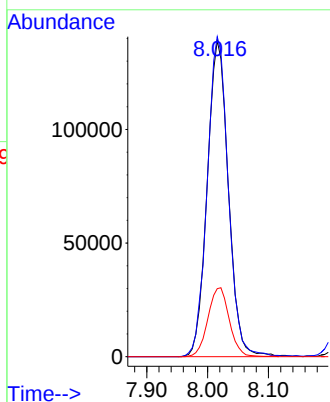
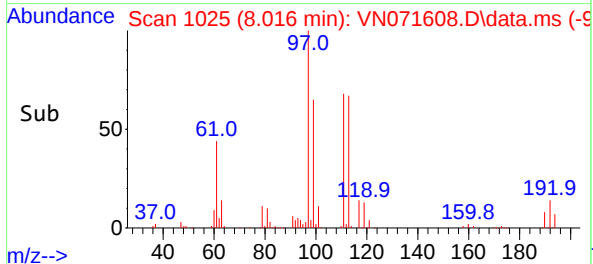
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



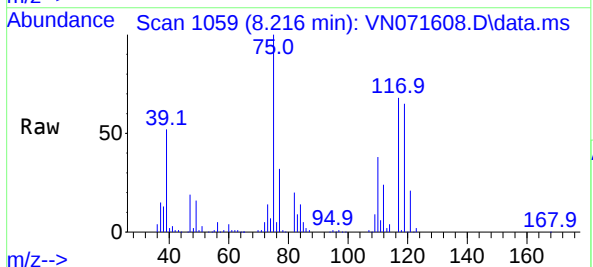
Tgt Ion:113 Resp: 33532
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 22.1 17.0 25.6

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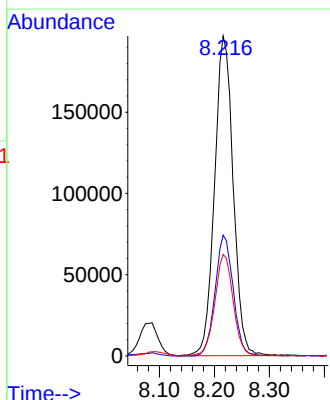
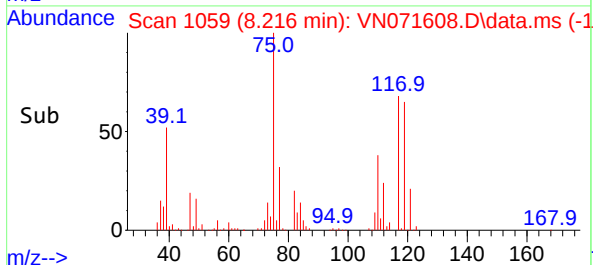
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

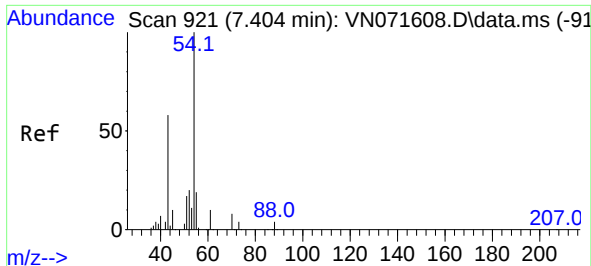


#36
1,1-Dichloropropene
Concen: 47.323 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



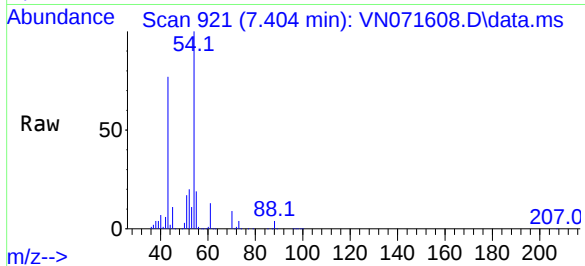
Tgt Ion: 75 Resp: 462538
Ion Ratio Lower Upper
75 100
110 36.7 18.3 54.8
77 31.4 25.1 37.7





#37
Ethyl Acetate
Concen: 48.602 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

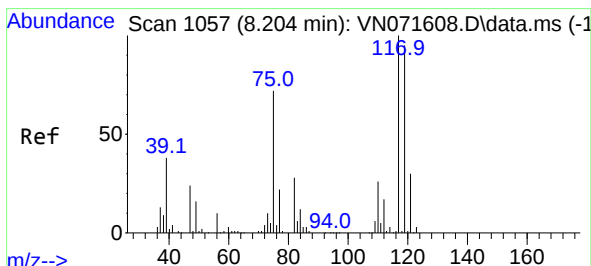
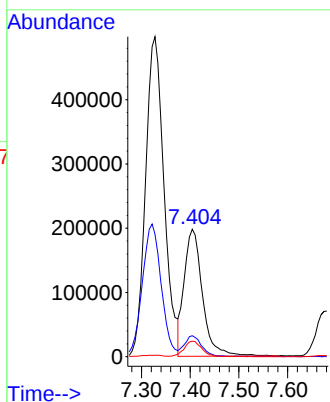
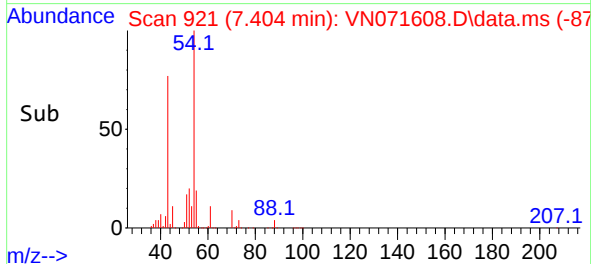
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 51583
Ion Ratio Lower Upper
43 100
61 15.2 11.8 17.6
70 11.7 9.3 13.9

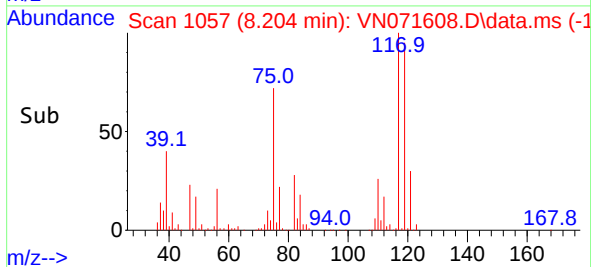
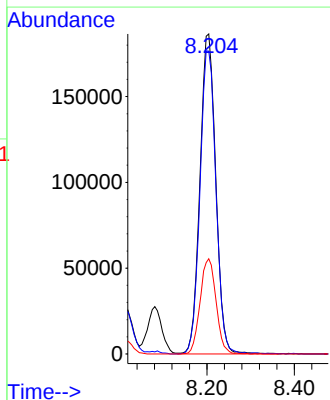
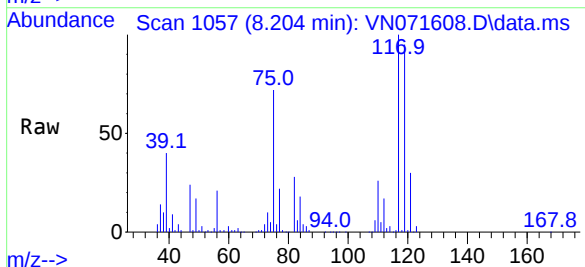
Manual Integrations
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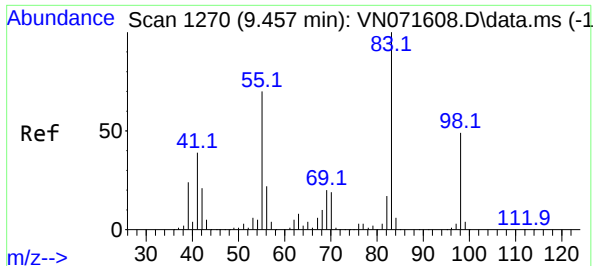
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#38
Carbon Tetrachloride
Concen: 49.042 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Tgt Ion:117 Resp: 470192
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
121 29.8 24.6 37.0





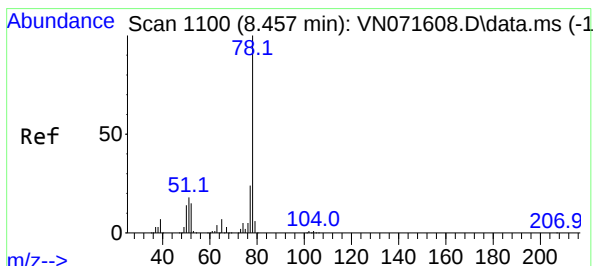
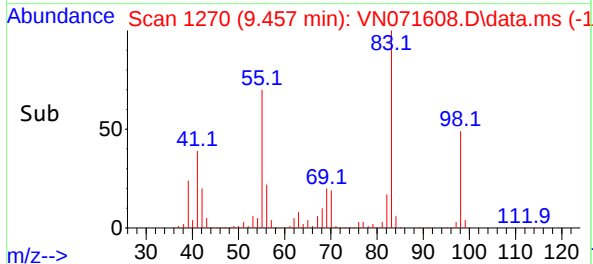
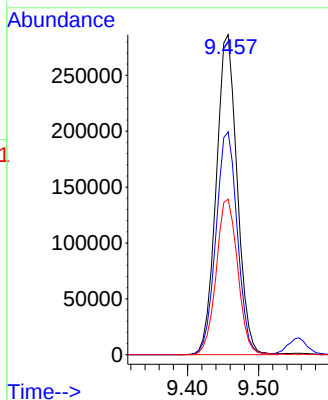
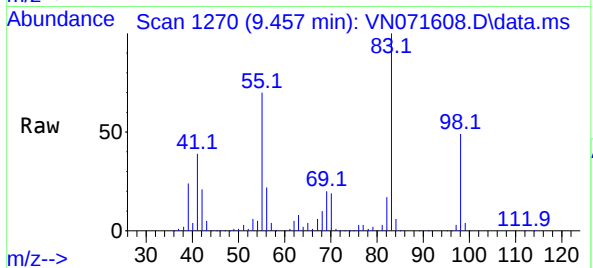
#39
Methylcyclohexane
Concen: 48.954 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 585464
Ion Ratio Lower Upper
83 100
55 69.7 57.8 86.8
98 48.6 39.4 59.2

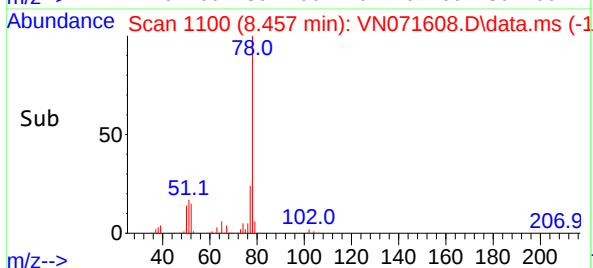
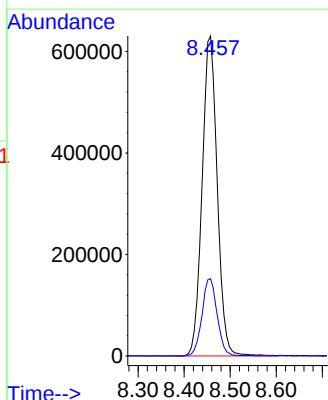
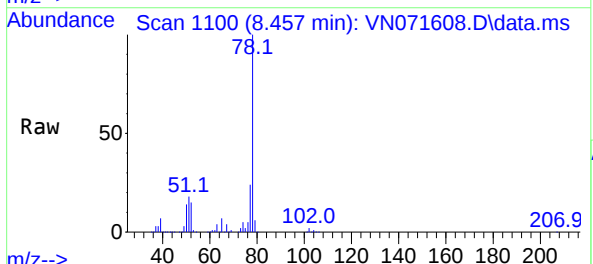
Manual Integrations
APPROVED

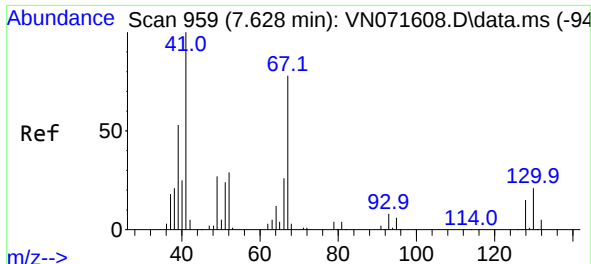
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#40
Benzene
Concen: 47.385 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

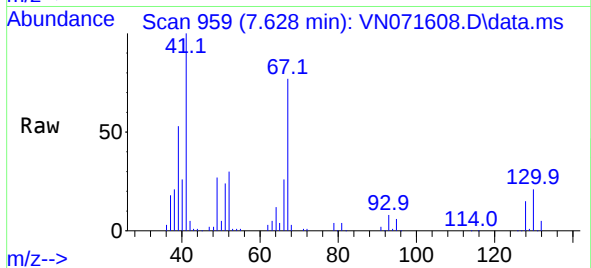
Tgt Ion: 78 Resp: 1443383
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 49.604 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

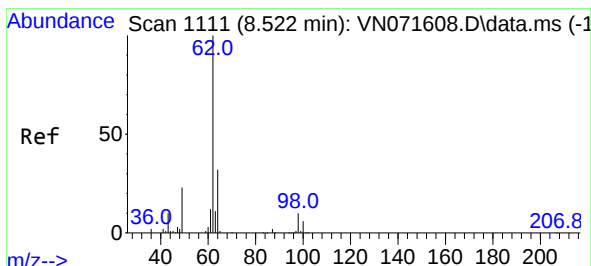
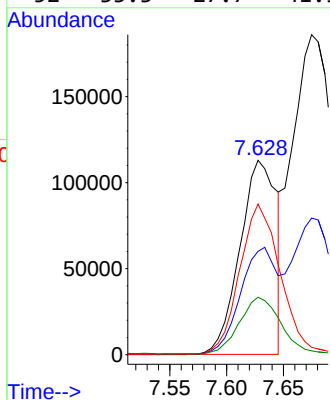
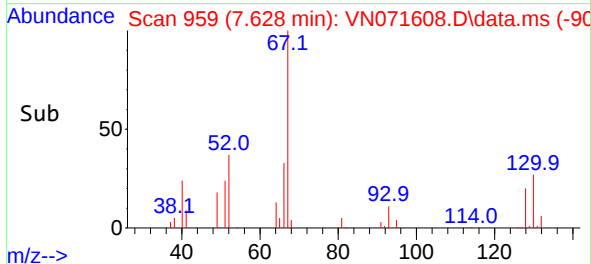
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



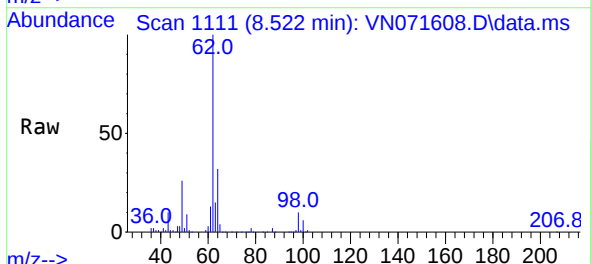
Tgt Ion: 41 Resp: 25269
Ion Ratio Lower Upper
41 100
39 54.1 48.6 73.0
67 87.1 73.4 110.2
52 33.3 27.7 41.5

Manual Integrations
APPROVED

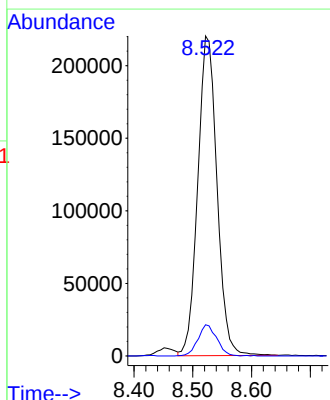
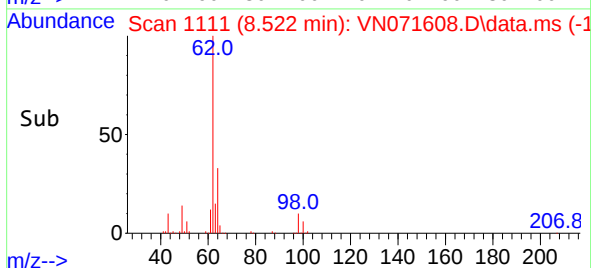
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

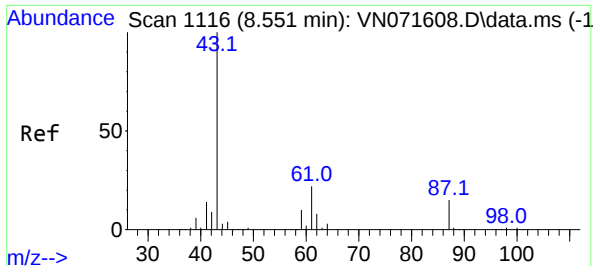


#42
1,2-Dichloroethane
Concen: 47.202 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



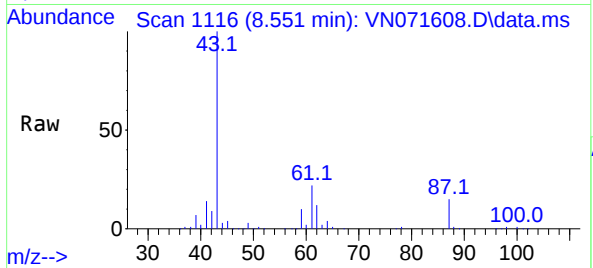
Tgt Ion: 62 Resp: 500854
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 45.526 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

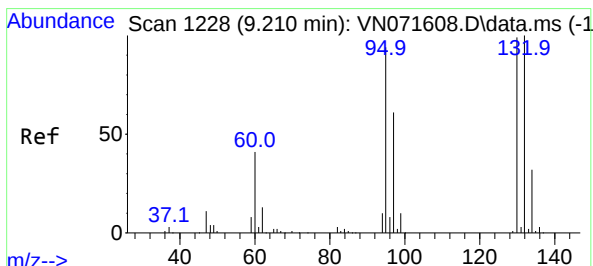
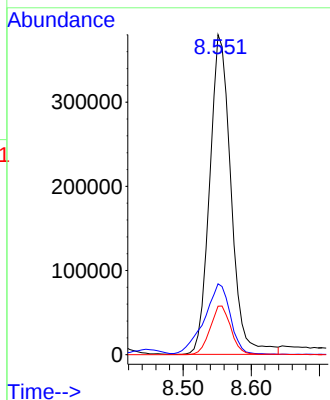
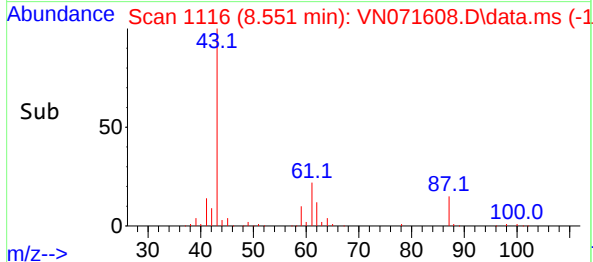
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



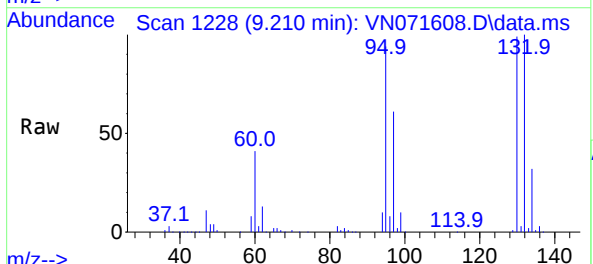
Tgt Ion: 43 Resp: 82913
Ion Ratio Lower Upper
43 100
61 27.0 21.9 32.9
87 14.7 12.0 18.0

Manual Integrations
APPROVED

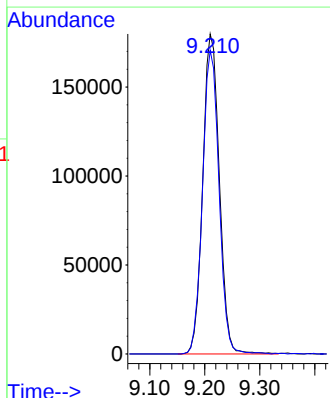
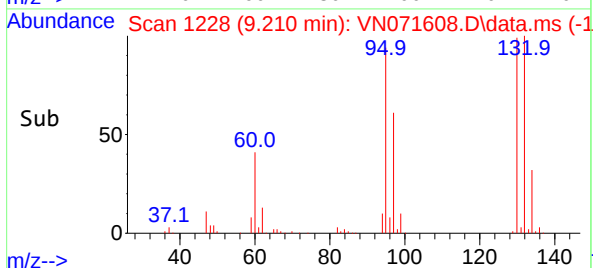
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

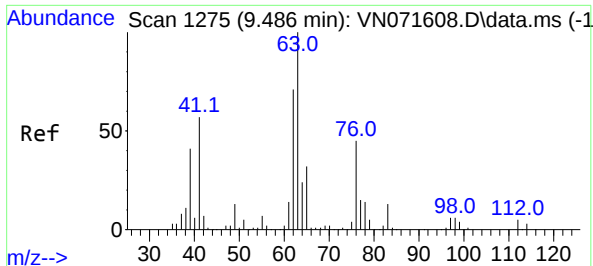


#44
Trichloroethene
Concen: 47.513 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion:130 Resp: 376297
Ion Ratio Lower Upper
130 100
95 94.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 47.756 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071608.D

Acq: 28 Mar 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 360574

Ion Ratio Lower Upper

63 100

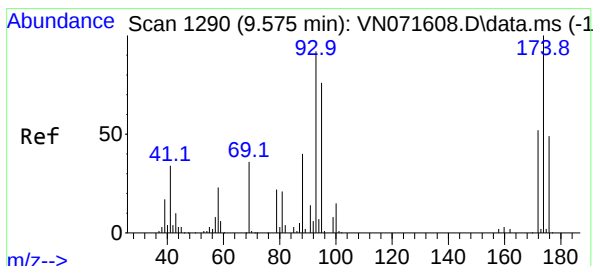
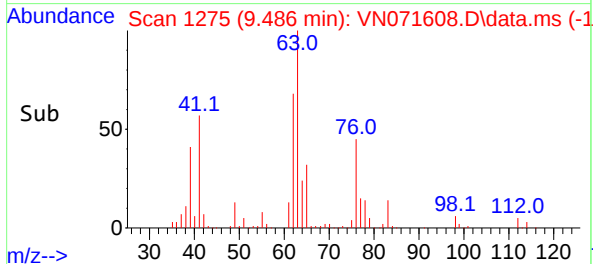
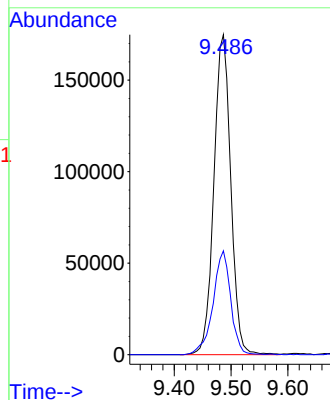
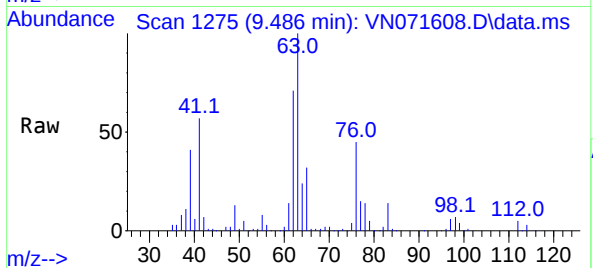
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#46

Dibromomethane

Concen: 47.888 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN071608.D

Acq: 28 Mar 2022 16:46

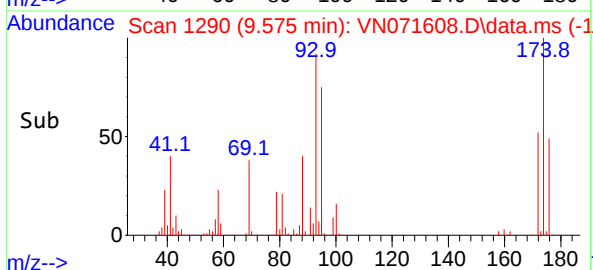
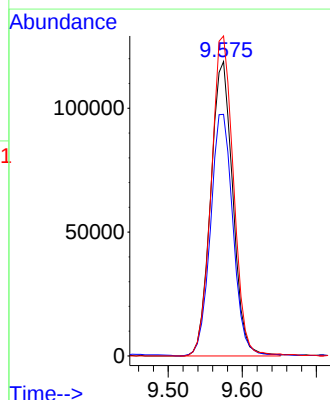
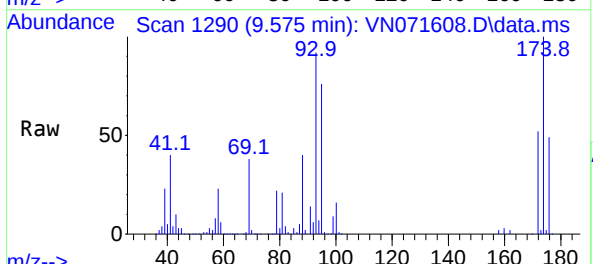
Tgt Ion: 93 Resp: 246571

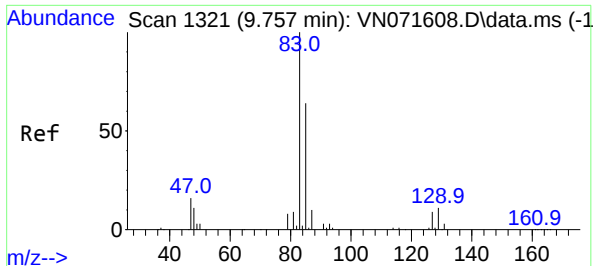
Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

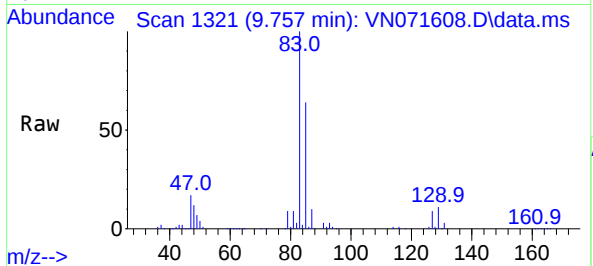
174 109.4 86.6 130.0





#47
Bromodichloromethane
Concen: 49.649 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

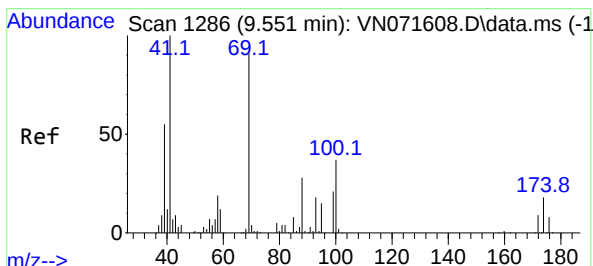
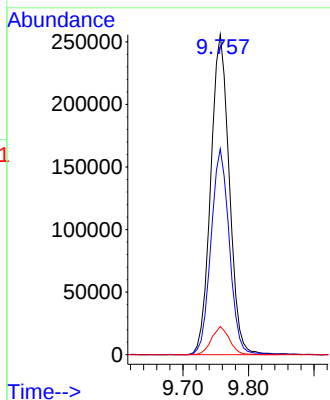
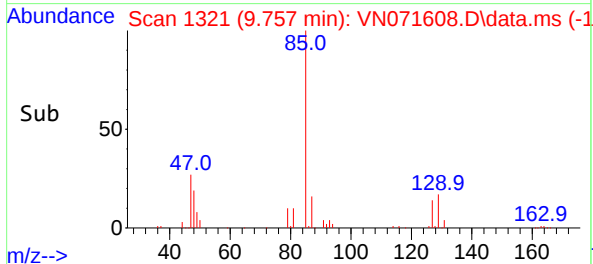
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



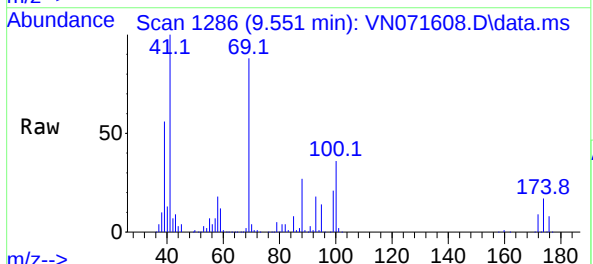
Tgt Ion: 83 Resp: 502012
Ion Ratio Lower Upper
83 100
85 64.3 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations
APPROVED

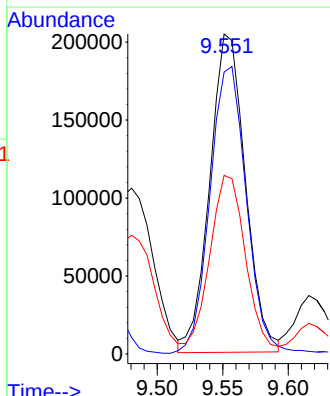
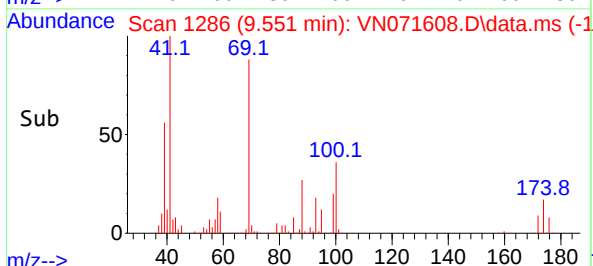
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

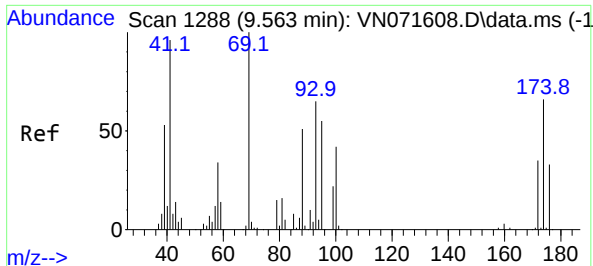


#48
Methyl methacrylate
Concen: 50.056 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



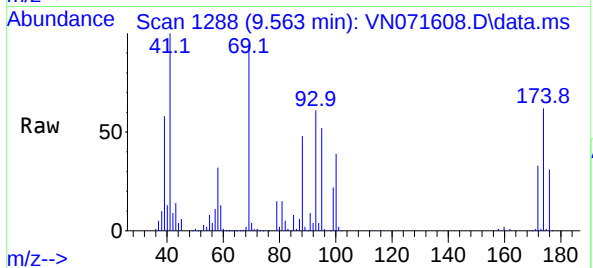
Tgt Ion: 41 Resp: 385206
Ion Ratio Lower Upper
41 100
69 94.0 74.7 112.1
39 57.0 45.6 68.4





#49
1,4-Dioxane
Concen: 927.843 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

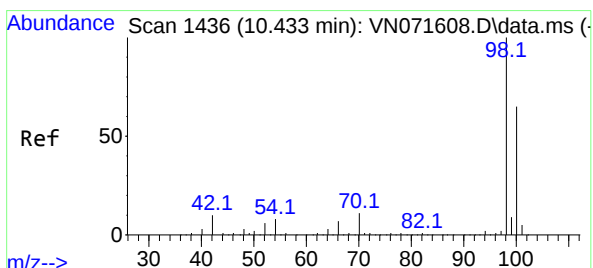
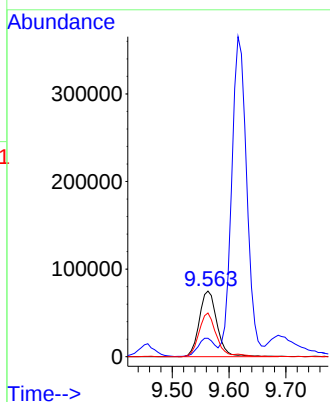
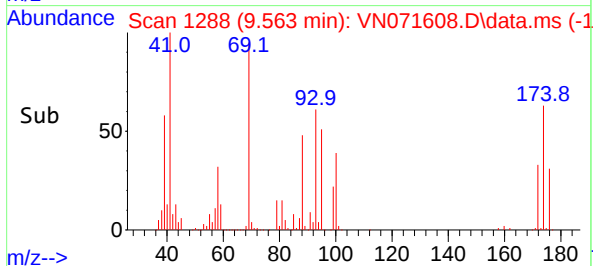
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



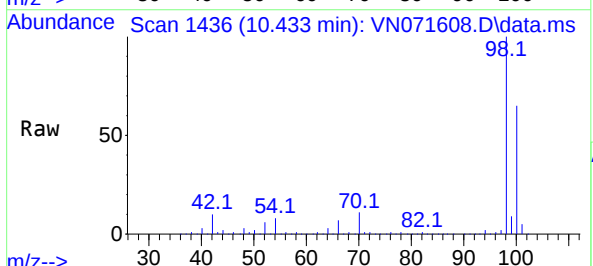
Tgt Ion: 88 Resp: 162810
Ion Ratio Lower Upper
88 100
43 26.2 20.2 30.4
58 65.9 54.2 81.4

Manual Integrations
APPROVED

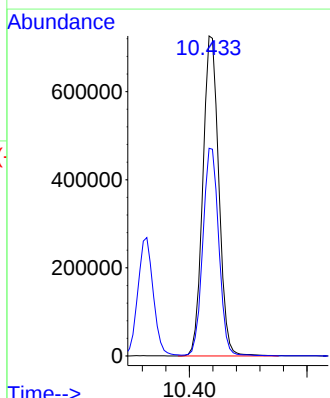
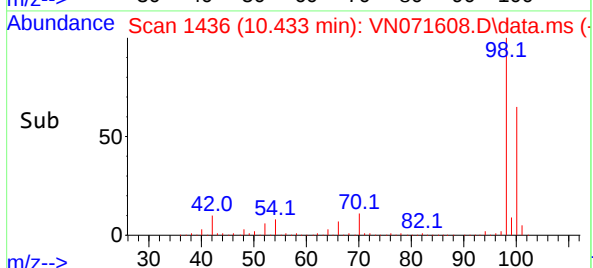
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

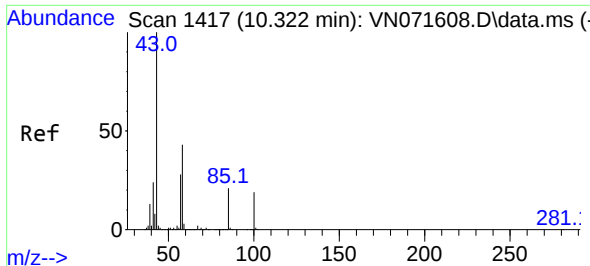


#50
Toluene-d8
Concen: 49.296 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion: 98 Resp: 1365461
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





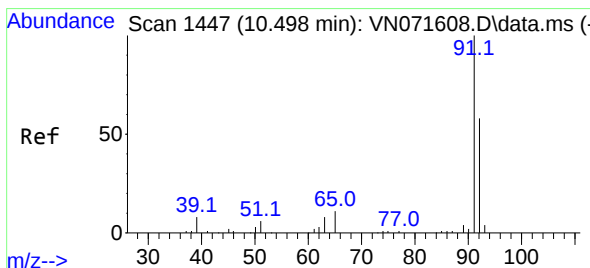
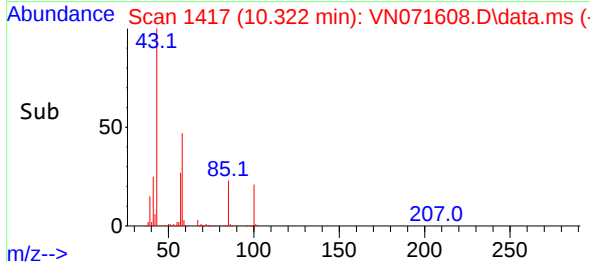
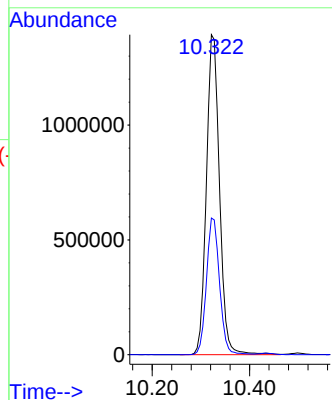
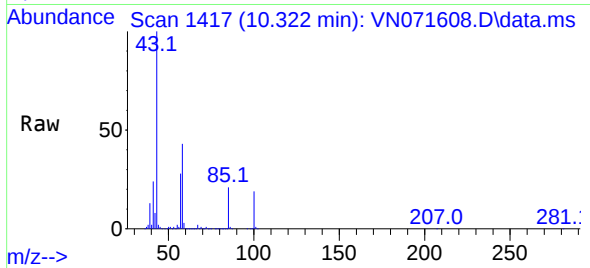
#51
4-Methyl-2-Pentanone
Concen: 243.070 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 259282
Ion Ratio Lower Upper
43 100
58 42.6 34.1 51.1

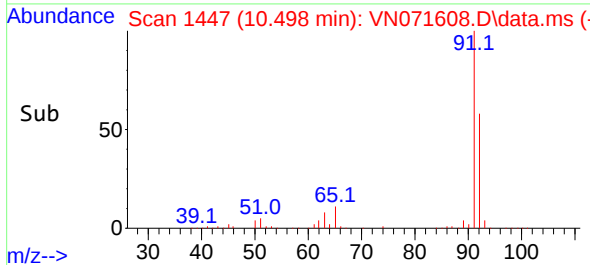
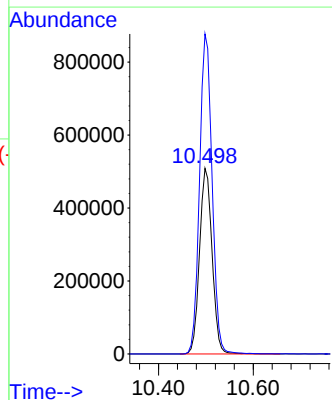
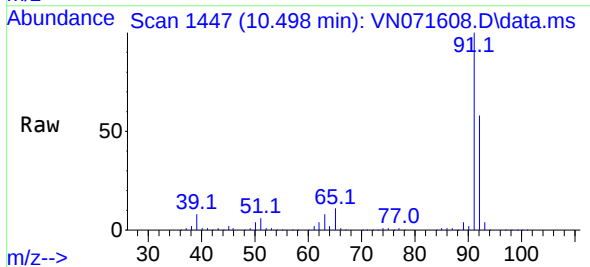
Manual Integrations
APPROVED

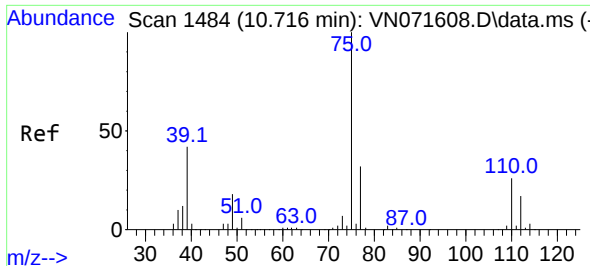
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#52
Toluene
Concen: 48.917 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

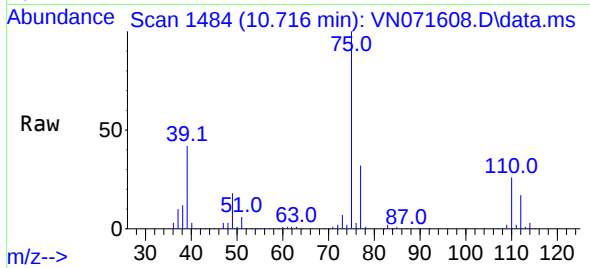
Tgt Ion: 92 Resp: 933855
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 49.994 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

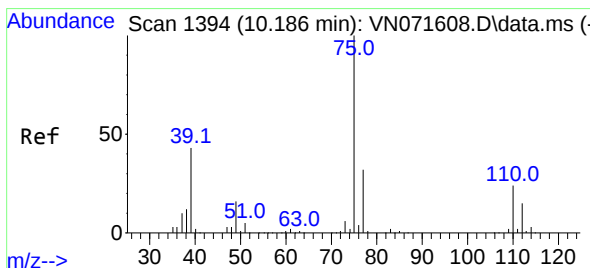
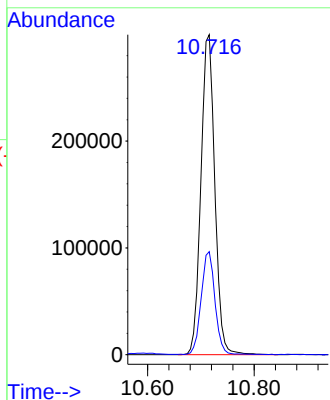
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 541620
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

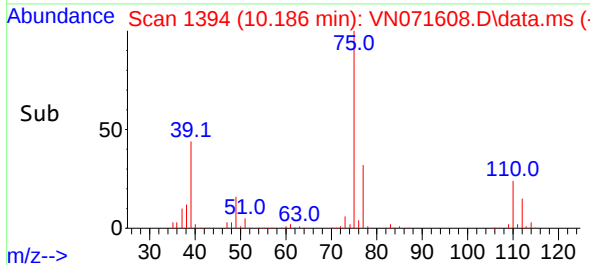
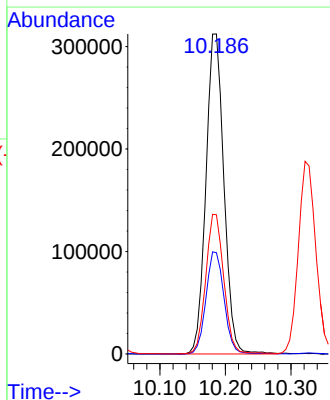
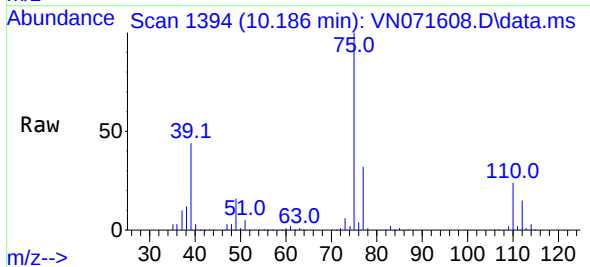
Manual Integrations
APPROVED

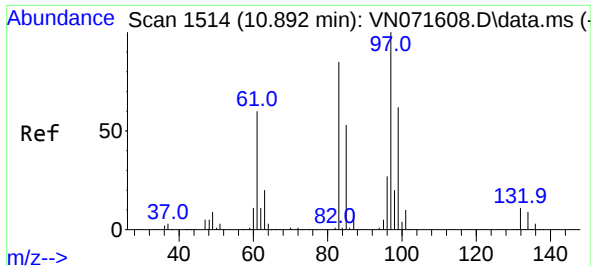
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#54
cis-1,3-Dichloropropene
Concen: 49.810 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

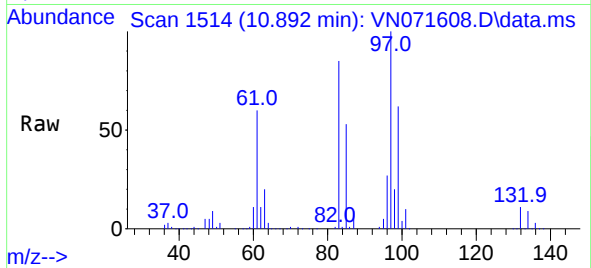
Tgt Ion: 75 Resp: 595846
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 43.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 47.944 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

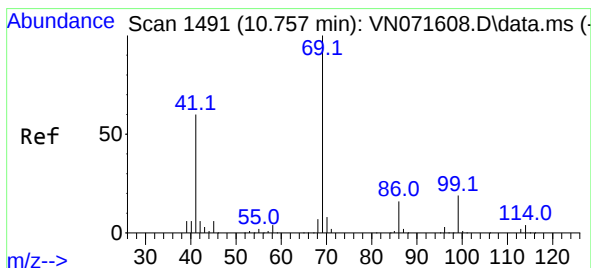
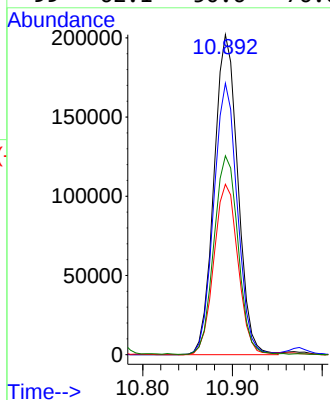
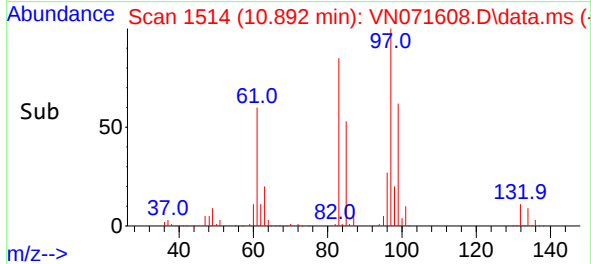
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



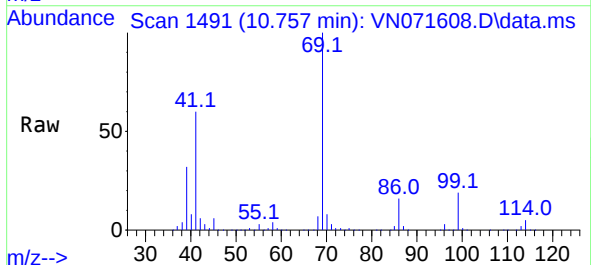
Tgt Ion: 97 Resp: 372433
Ion Ratio Lower Upper
97 100
83 84.8 66.2 99.4
85 53.3 43.9 65.9
99 62.1 50.6 76.0

Manual Integrations
APPROVED

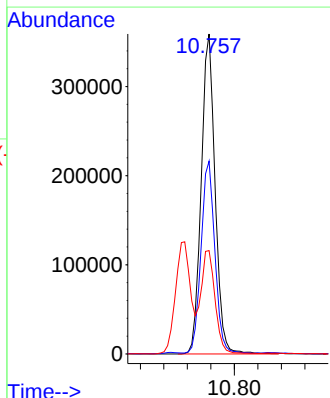
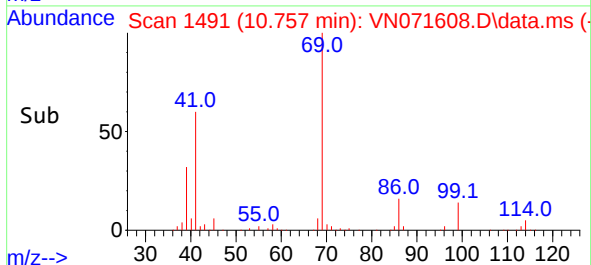
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

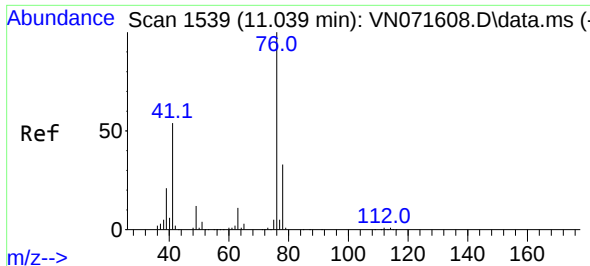


#56
Ethyl methacrylate
Concen: 50.489 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion: 69 Resp: 588628
Ion Ratio Lower Upper
69 100
41 59.8 47.8 71.6
39 32.8 27.3 40.9





#57

1,3-Dichloropropane

Concen: 48.385 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071608.D

Acq: 28 Mar 2022 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 630298

Ion Ratio Lower Upper

76 100

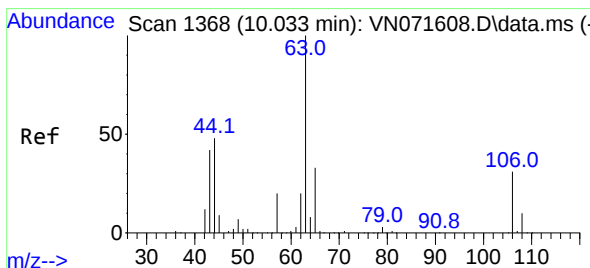
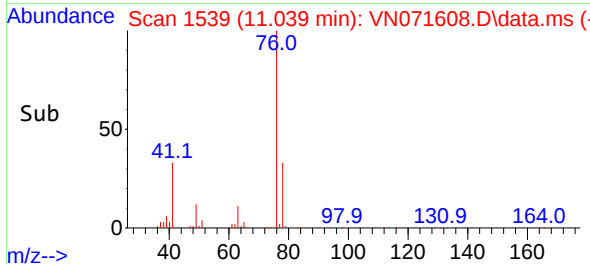
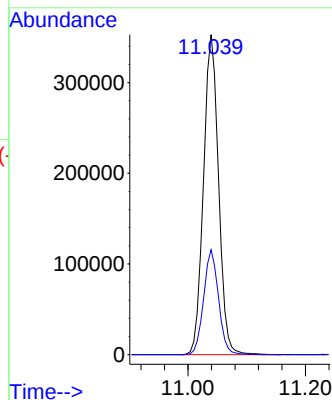
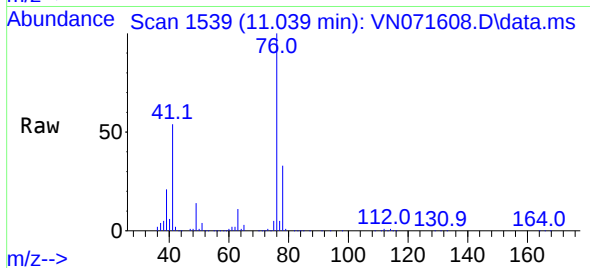
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 276.166 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071608.D

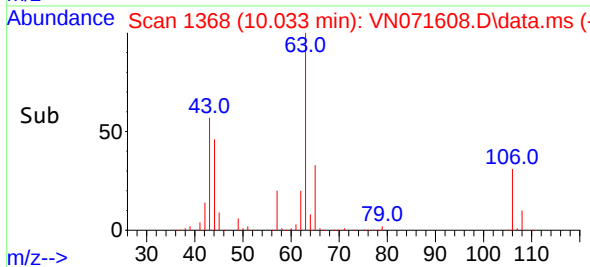
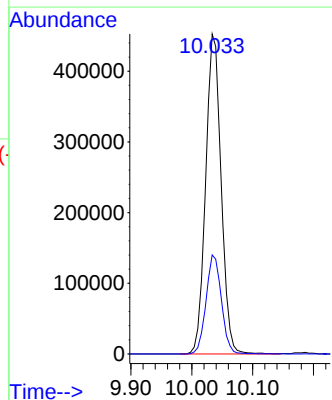
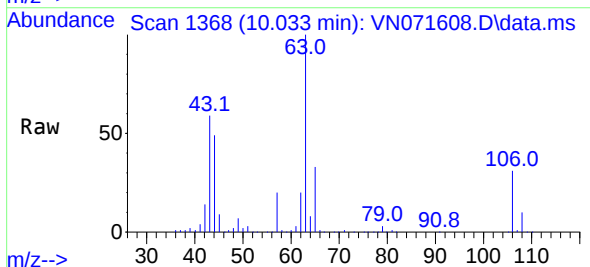
Acq: 28 Mar 2022 16:46

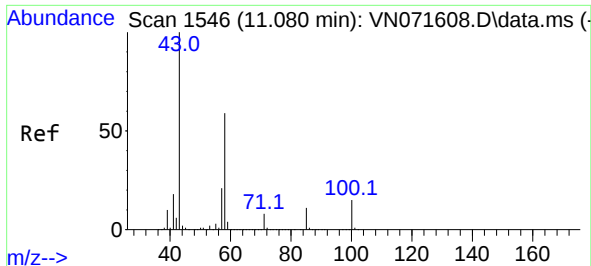
Tgt Ion: 63 Resp: 799788

Ion Ratio Lower Upper

63 100

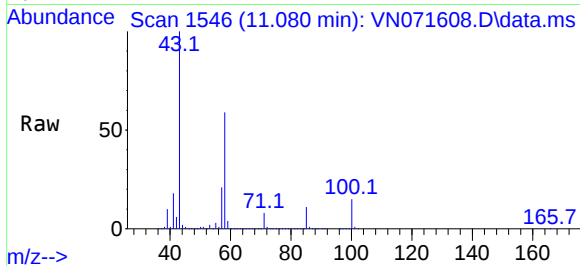
106 30.7 24.6 36.8





#59
2-Hexanone
Concen: 245.841 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

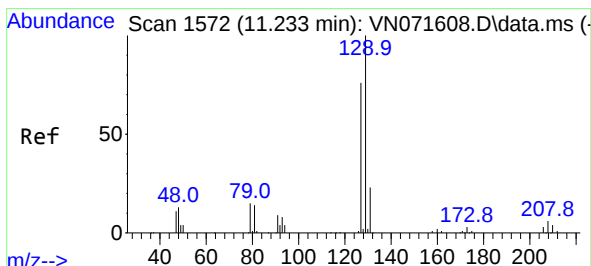
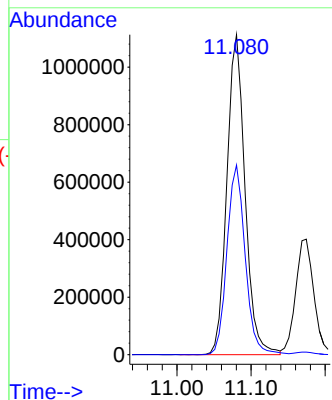
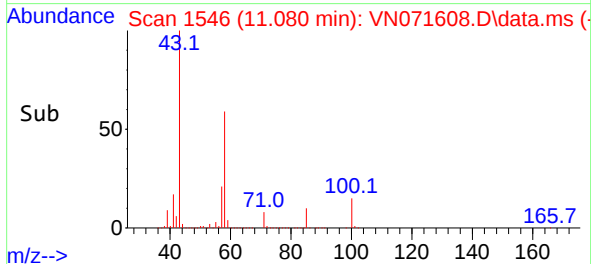
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 188891
Ion Ratio Lower Upper
43 100
58 59.7 29.7 89.1

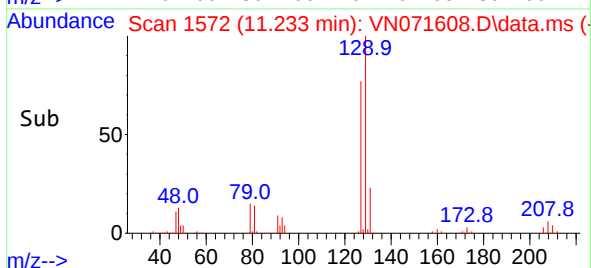
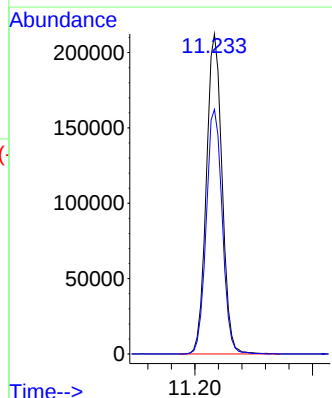
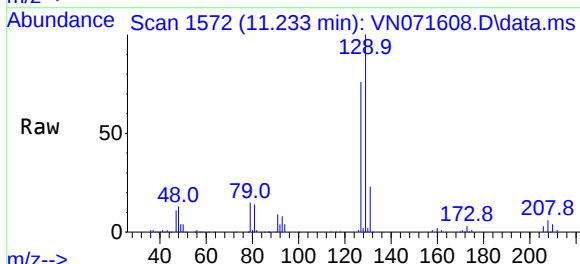
Manual Integrations
APPROVED

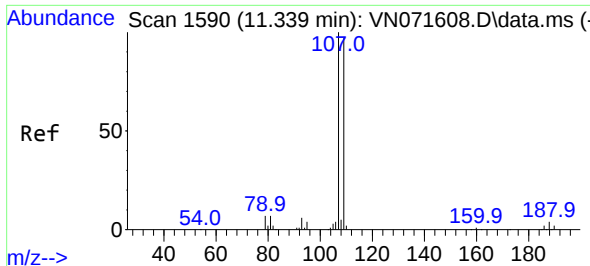
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#60
Dibromochloromethane
Concen: 49.982 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

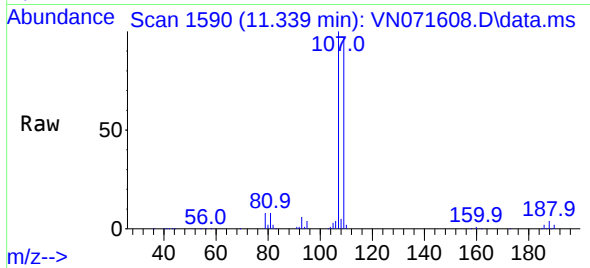
Tgt Ion:129 Resp: 392189
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.136 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

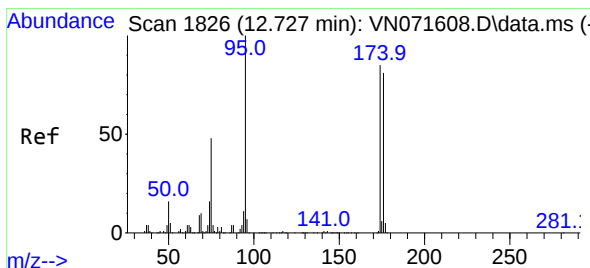
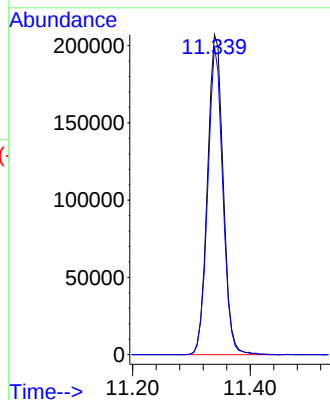
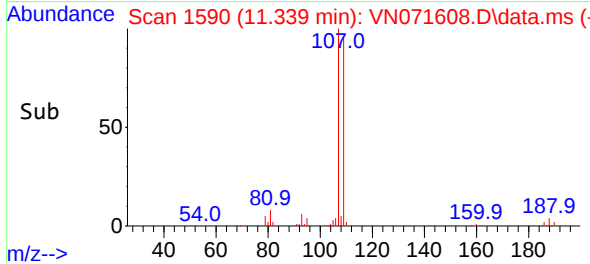
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



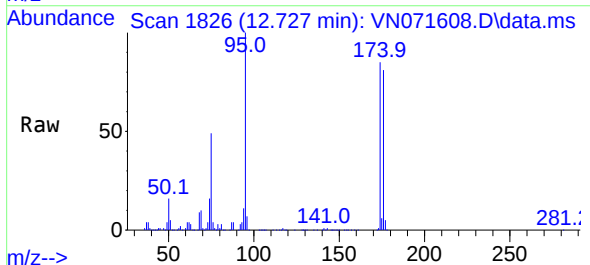
Tgt Ion:107 Resp: 384034
Ion Ratio Lower Upper
107 100
109 92.7 75.0 112.6

Manual Integrations
APPROVED

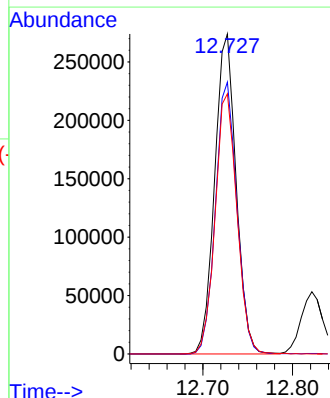
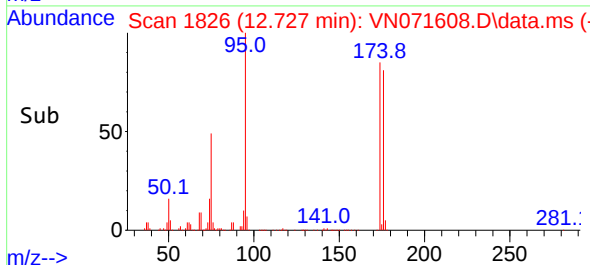
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

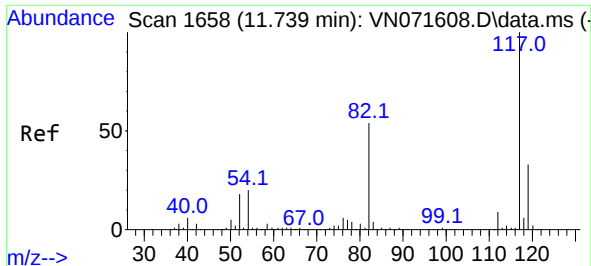


#62
4-Bromofluorobenzene
Concen: 49.901 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



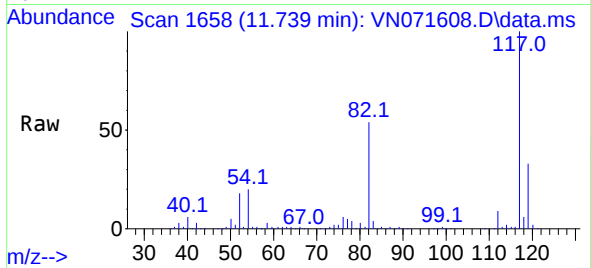
Tgt Ion: 95 Resp: 454321
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 82.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

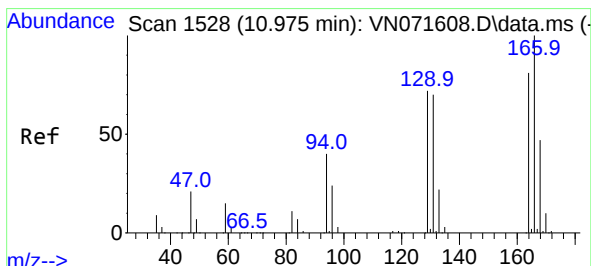
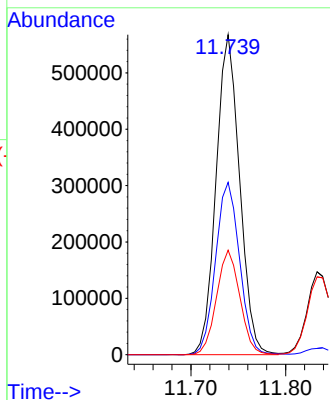
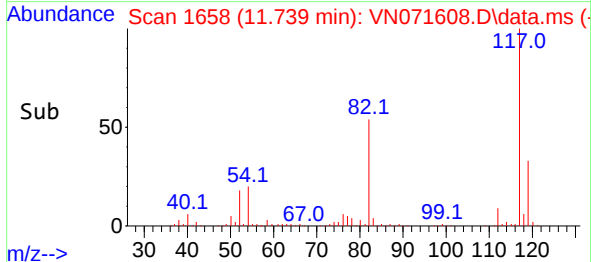
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



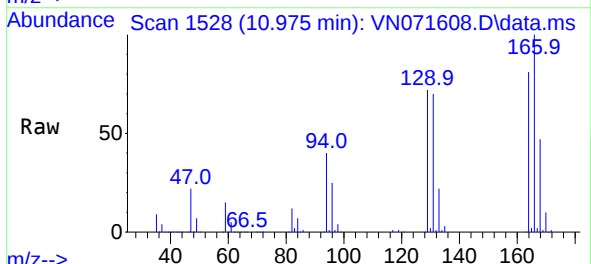
Tgt Ion:117 Resp: 981658
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.6 25.4 38.0

Manual Integrations
APPROVED

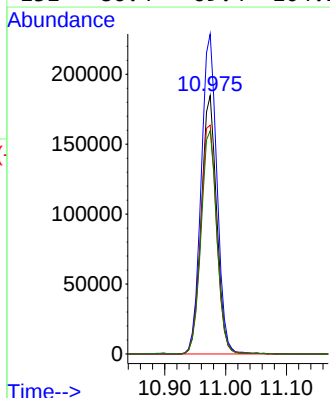
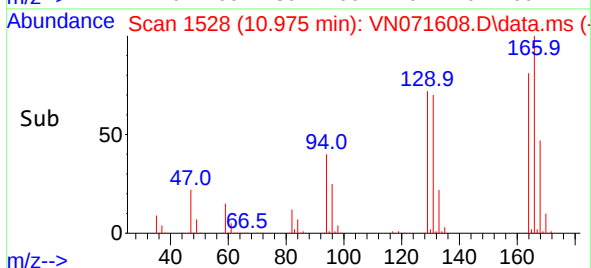
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

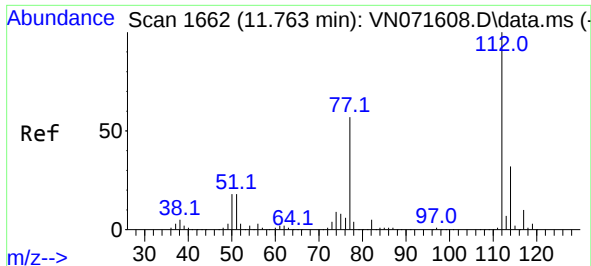


#64
Tetrachloroethene
Concen: 47.983 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



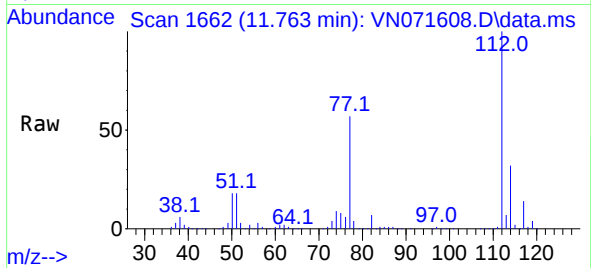
Tgt Ion:164 Resp: 327078
Ion Ratio Lower Upper
164 100
166 123.9 104.2 156.2
129 88.6 73.9 110.9
131 86.4 69.4 104.2





#65
Chlorobenzene
Concen: 47.962 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

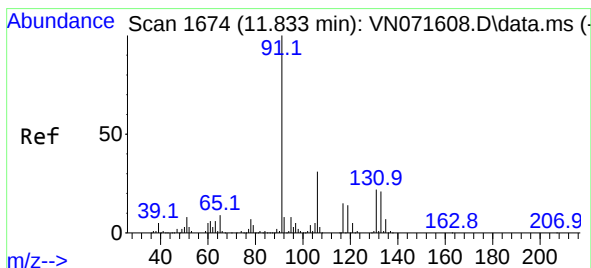
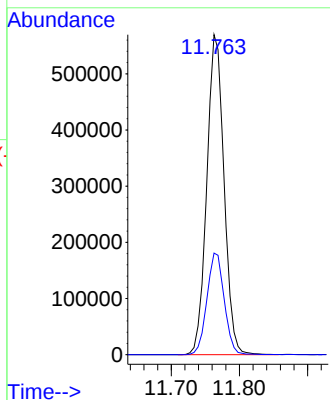
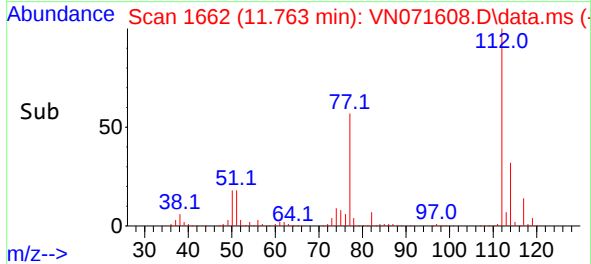
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



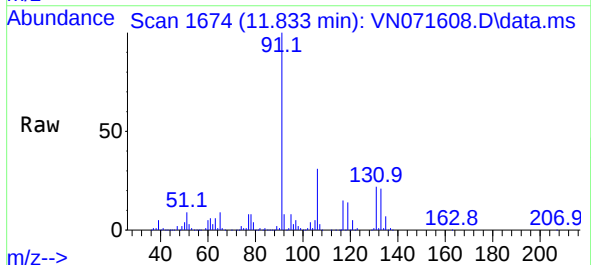
Tgt Ion:112 Resp: 100142
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

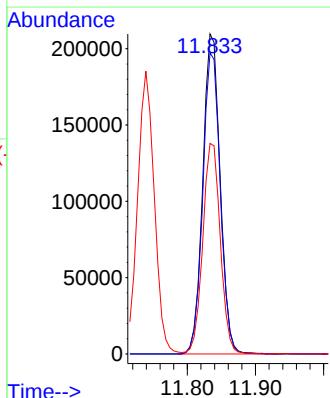
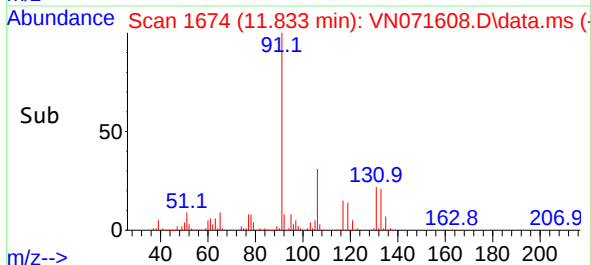
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

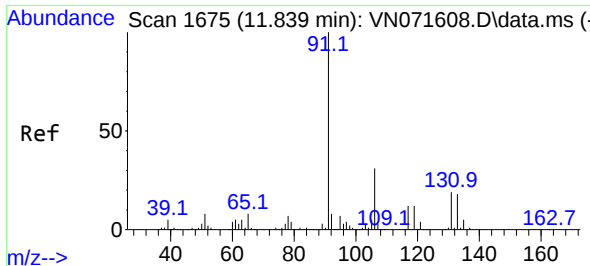


#66
1,1,1,2-Tetrachloroethane
Concen: 50.021 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion:131 Resp: 371022
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 66.6 33.4 100.2





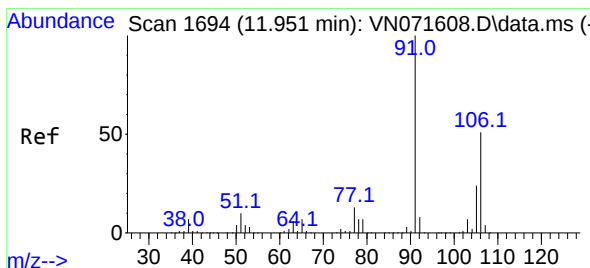
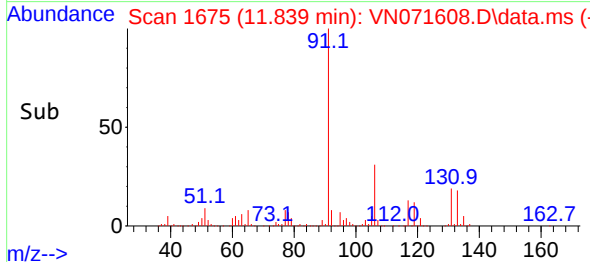
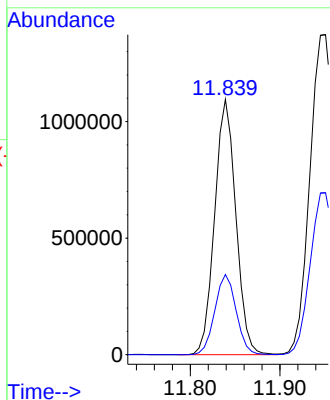
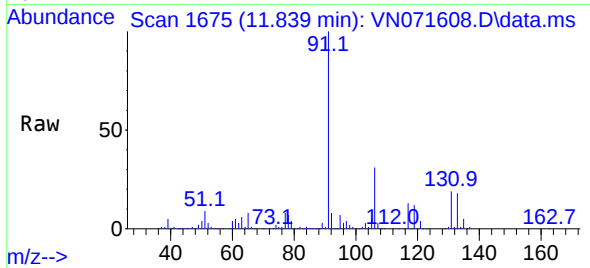
#67
Ethyl Benzene
Concen: 50.095 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 1797454
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

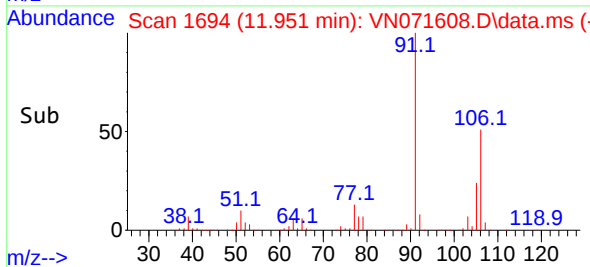
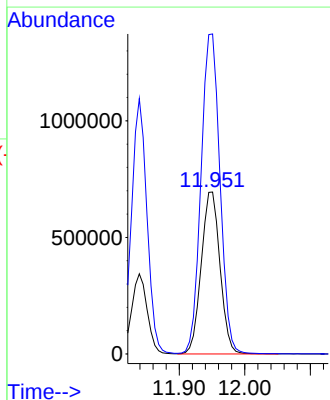
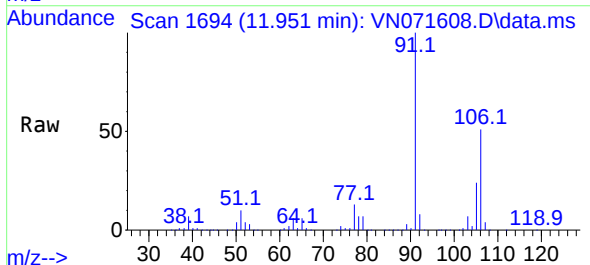
Manual Integrations
APPROVED

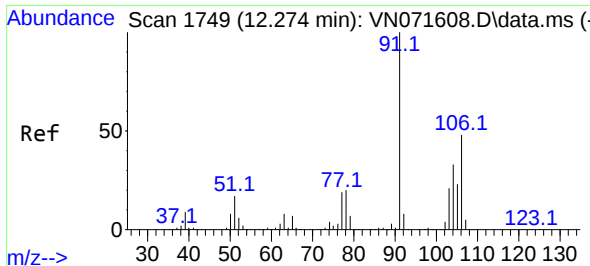
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#68
m/p-Xylenes
Concen: 100.818 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Tgt Ion:106 Resp: 1382165
Ion Ratio Lower Upper
106 100
91 199.6 158.9 238.3





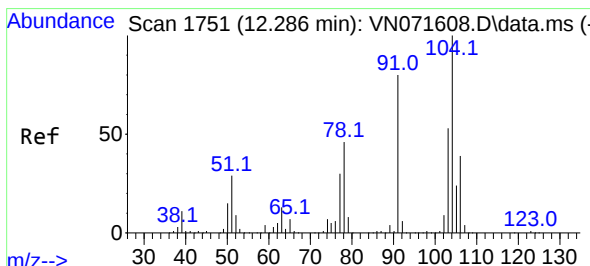
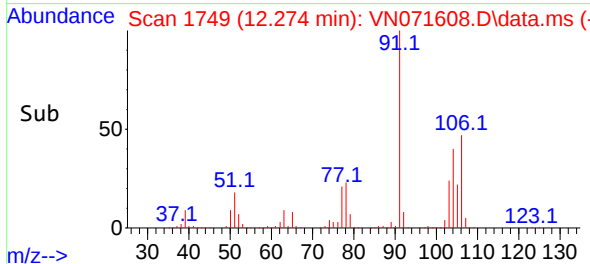
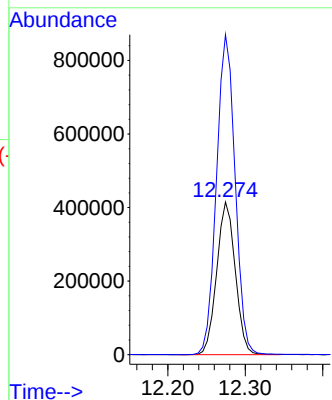
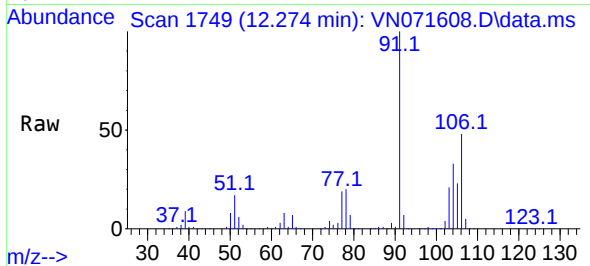
#69
o-Xylene
Concen: 50.576 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 690068
Ion Ratio Lower Upper
106 100
91 210.5 106.0 318.0

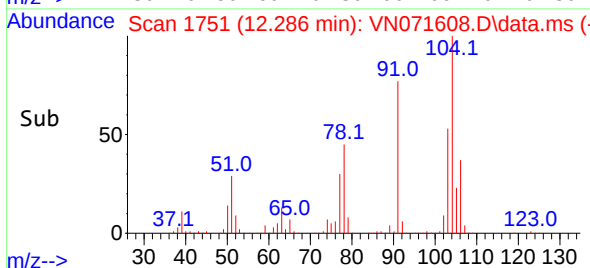
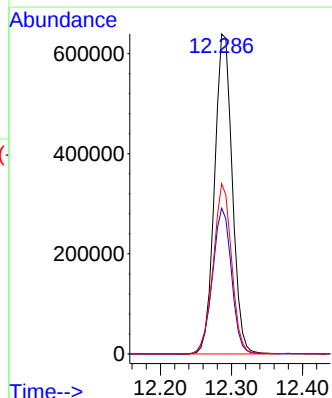
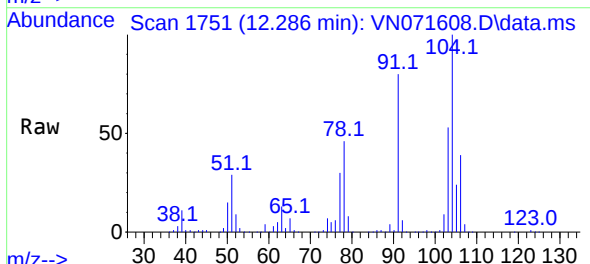
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#70
Styrene
Concen: 51.891 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

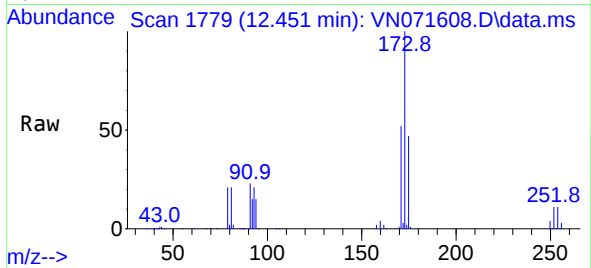
Tgt Ion:104 Resp: 1104873
Ion Ratio Lower Upper
104 100
78 48.7 39.5 59.3
103 55.4 44.0 66.0





#71
Bromoform
Concen: 51.378 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

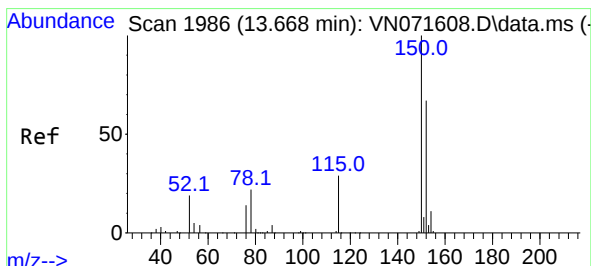
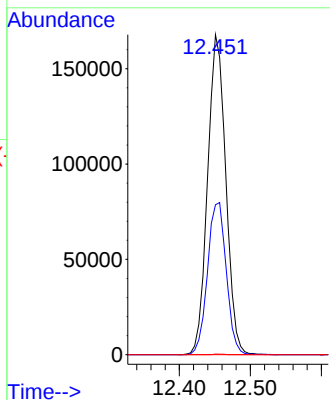
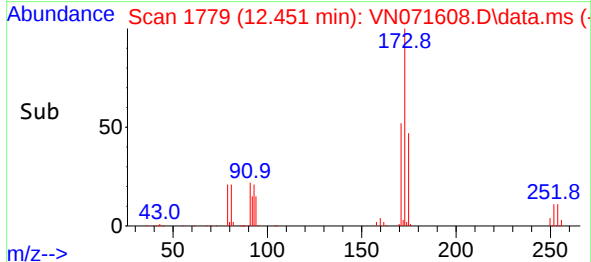
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



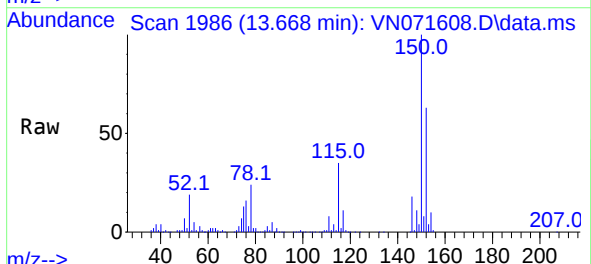
Tgt Ion:173 Resp: 299334
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

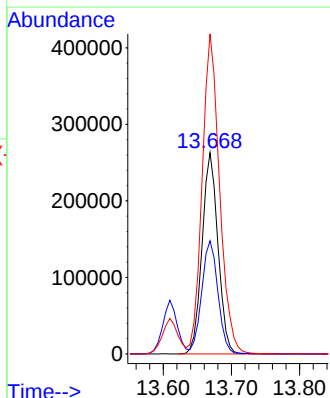
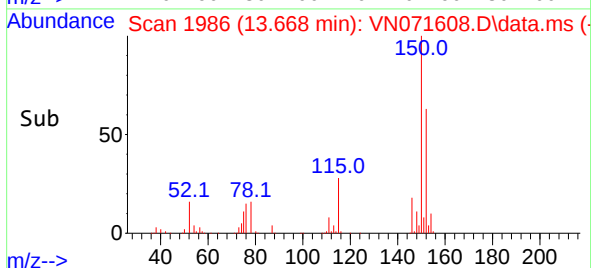
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

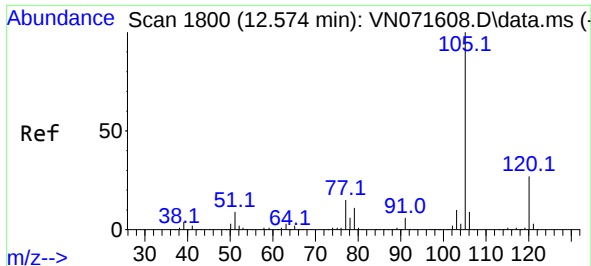


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion:152 Resp: 426802
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 174.1 0.0 356.2





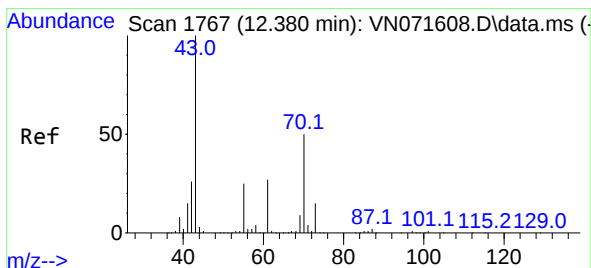
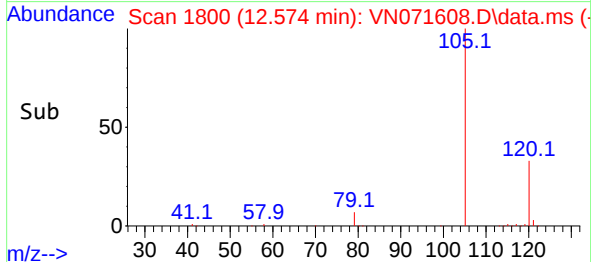
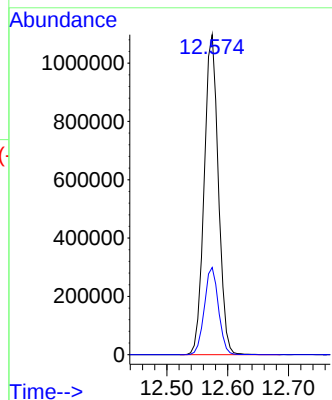
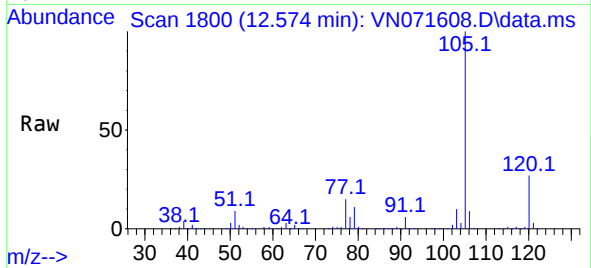
#73
Isopropylbenzene
Concen: 47.201 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 177315
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

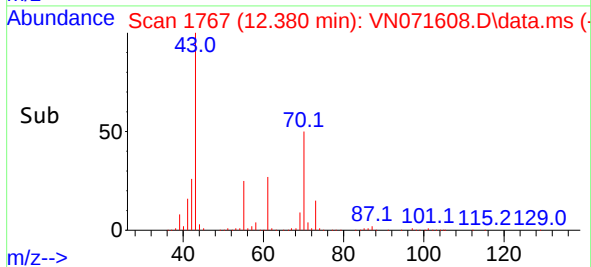
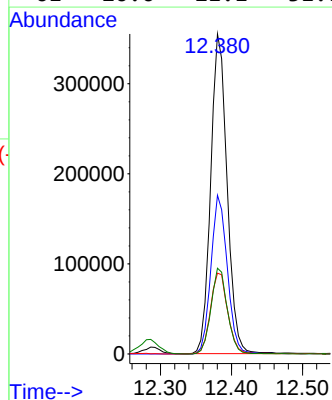
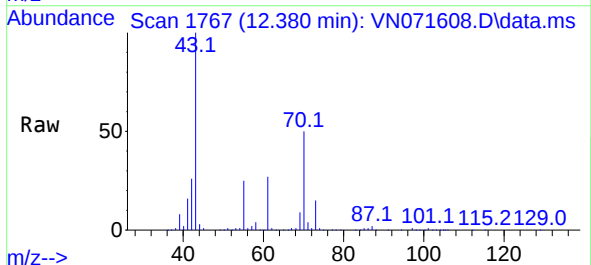
Manual Integrations
APPROVED

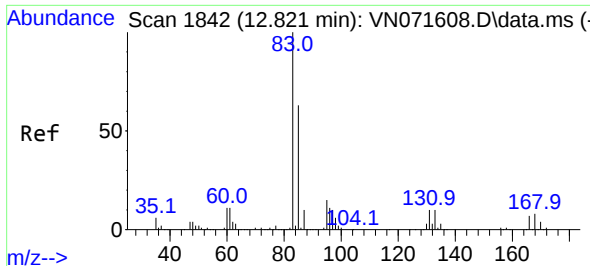
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#74
N-ethyl acetate
Concen: 47.425 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Tgt Ion: 43 Resp: 569054
Ion Ratio Lower Upper
43 100
70 49.8 39.0 58.4
55 26.7 21.1 31.7
61 26.6 21.1 31.7





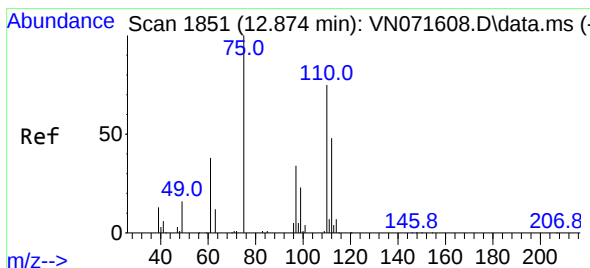
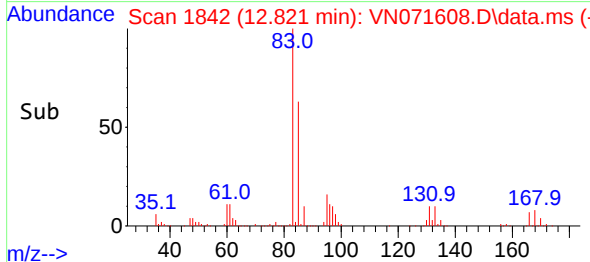
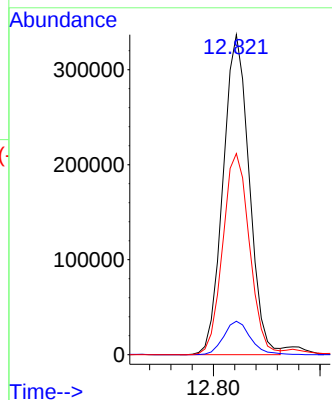
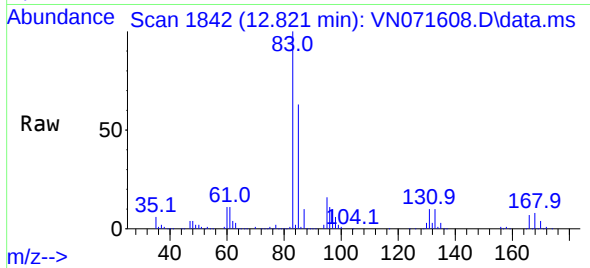
#75
1,1,2,2-Tetrachloroethane
Concen: 44.822 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 573336
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 64.3 32.3 96.9

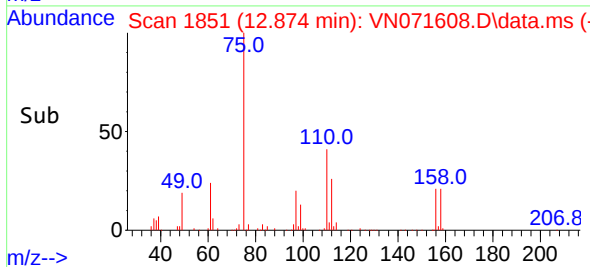
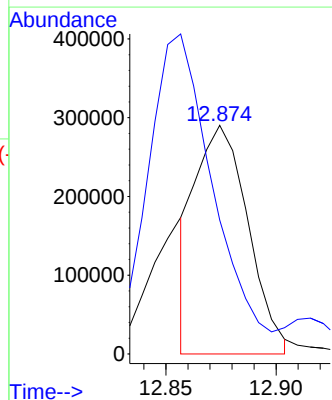
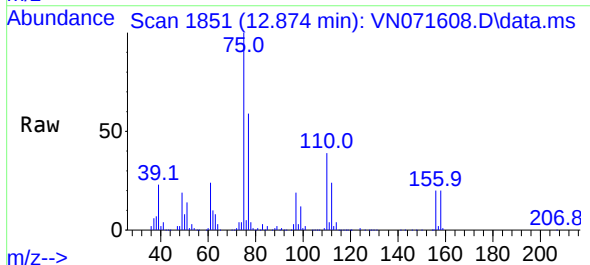
Manual Integrations
APPROVED

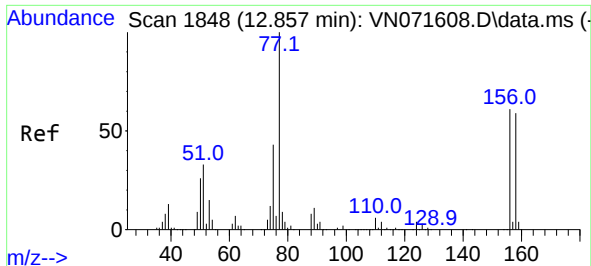
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#76
1,2,3-Trichloropropane
Concen: 49.899 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

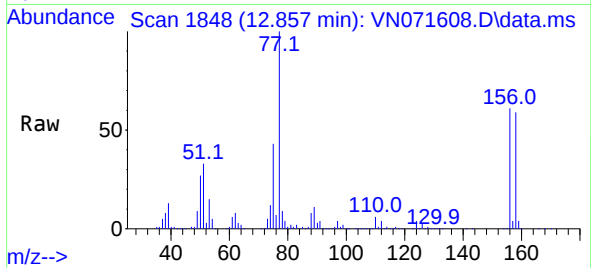
Tgt Ion: 75 Resp: 482831
Ion Ratio Lower Upper
75 100
77 174.5 98.5 295.5





#77
Bromobenzene
Concen: 45.591 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

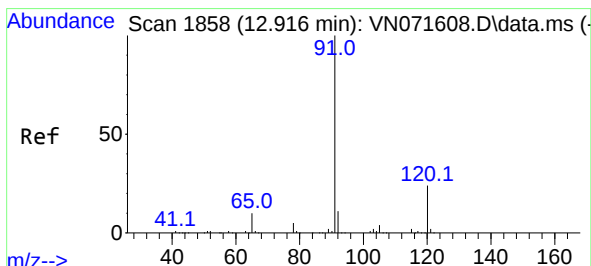
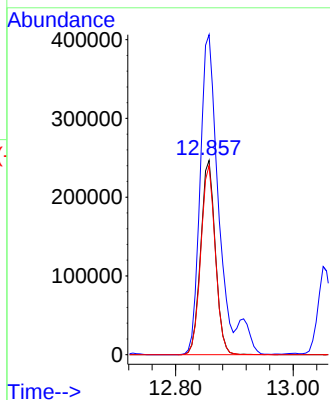
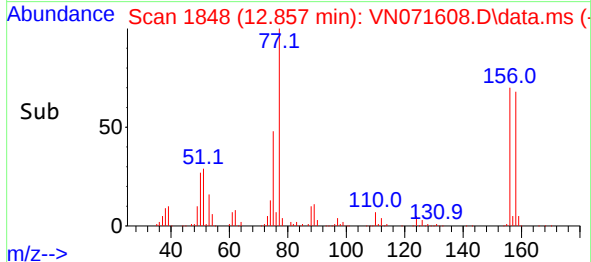
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



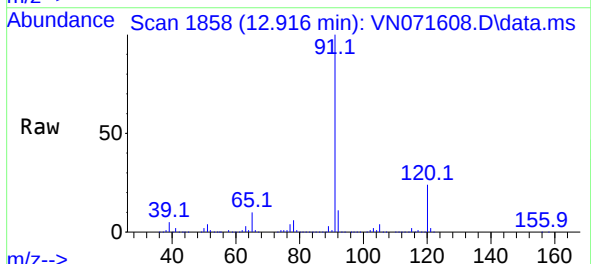
Tgt Ion:156 Resp: 427724
Ion Ratio Lower Upper
156 100
77 196.9 100.5 301.5
158 96.5 48.9 146.6

Manual Integrations
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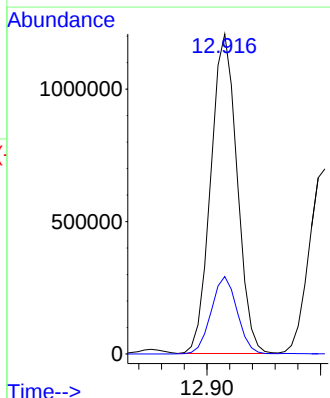
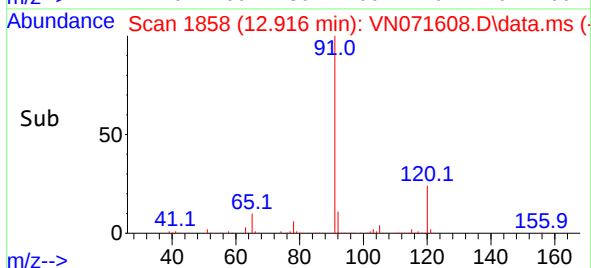
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

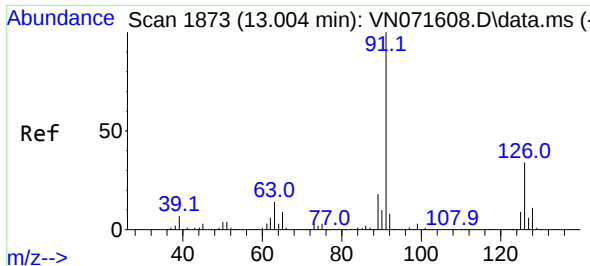


#78
n-propylbenzene
Concen: 48.656 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion: 91 Resp: 1943213
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





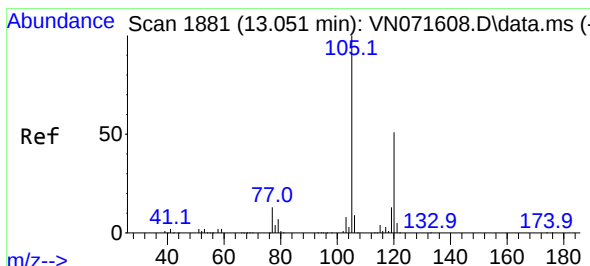
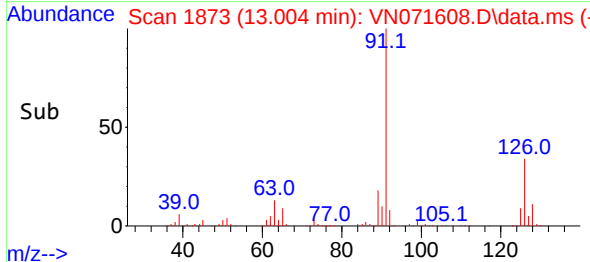
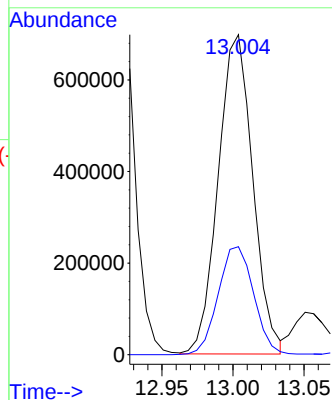
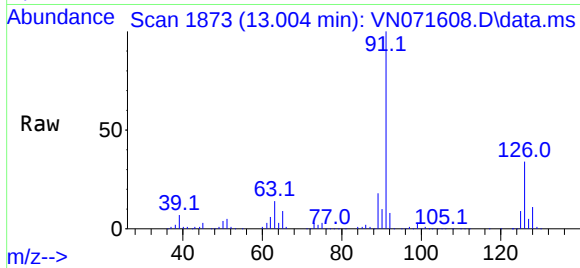
#79
2-Chlorotoluene
Concen: 45.884 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 118204
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

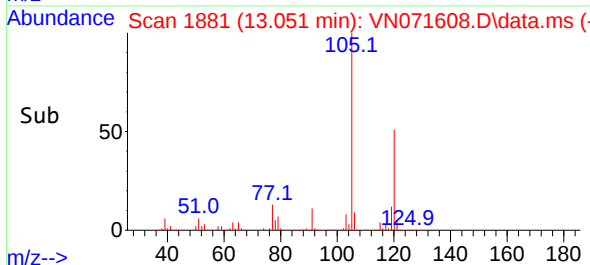
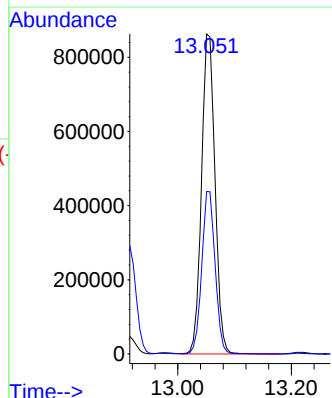
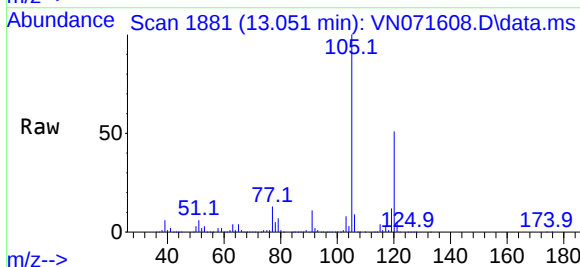
Manual Integrations
APPROVED

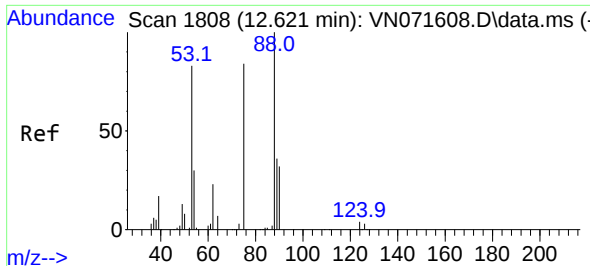
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.852 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

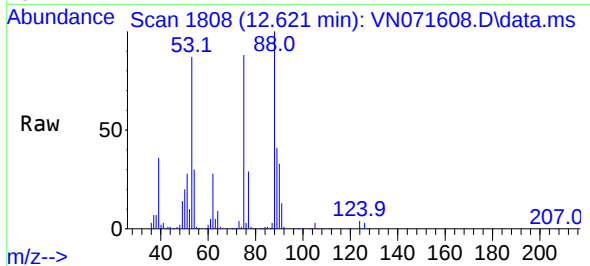
Tgt Ion:105 Resp: 1418558
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.147 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

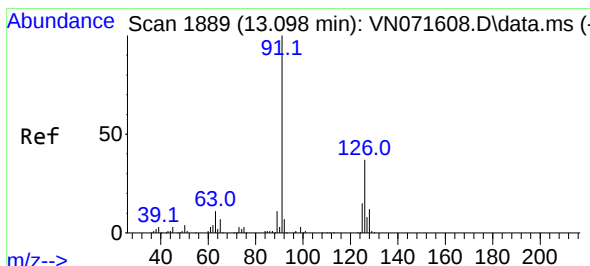
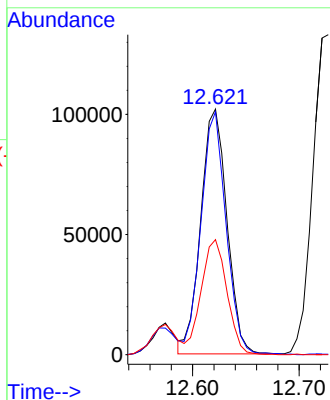
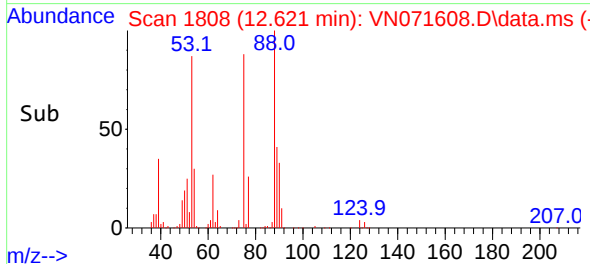
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



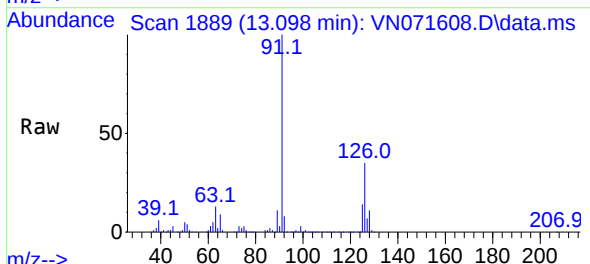
Tgt Ion: 75 Resp: 174748
Ion Ratio Lower Upper
75 100
53 94.5 78.0 117.0
89 46.2 37.2 55.8

Manual Integrations
APPROVED

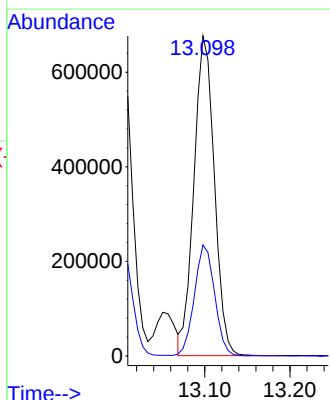
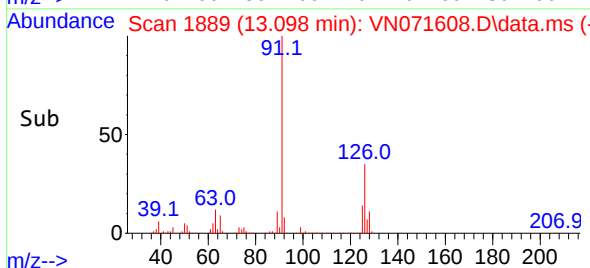
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

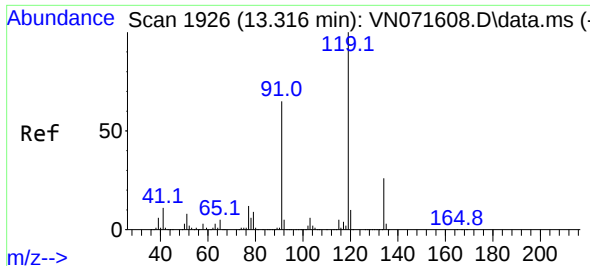


#82
4-Chlorotoluene
Concen: 47.296 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



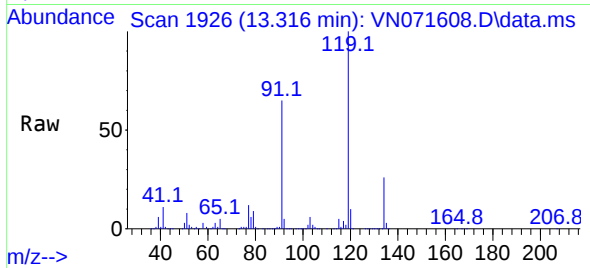
Tgt Ion: 91 Resp: 1122566
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.668 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

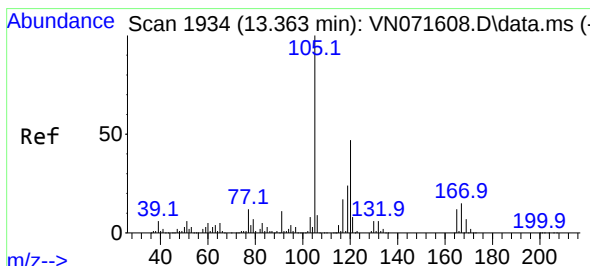
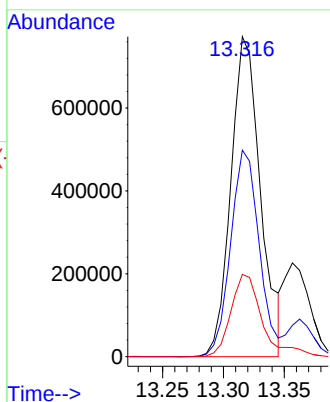
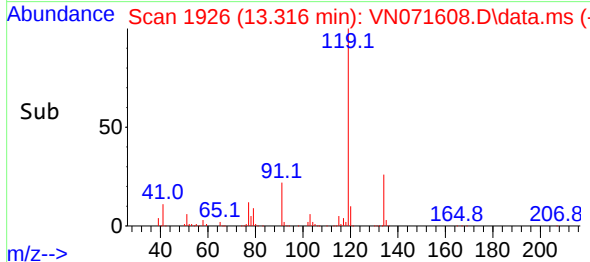
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



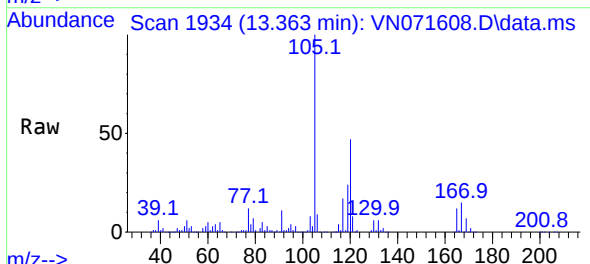
Tgt Ion:119 Resp: 1306410
Ion Ratio Lower Upper
119 100
91 62.2 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
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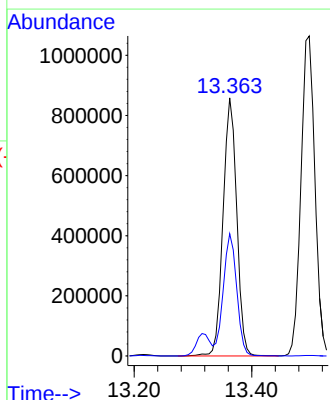
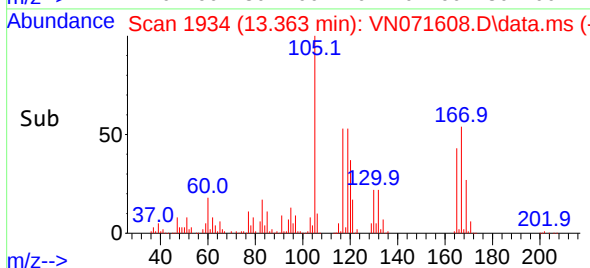
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

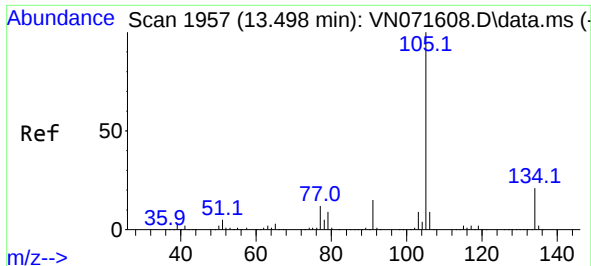


#84
1,2,4-Trimethylbenzene
Concen: 48.529 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



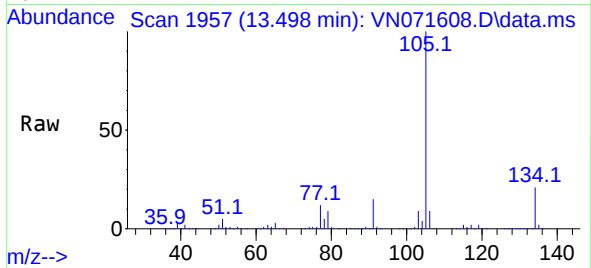
Tgt Ion:105 Resp: 1388420
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 49.417 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071608.D
 Acq: 28 Mar 2022 16:46

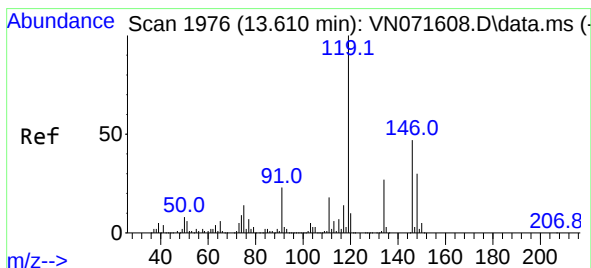
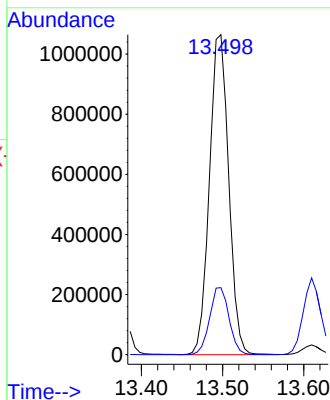
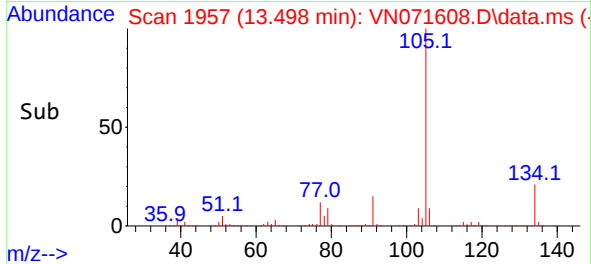
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



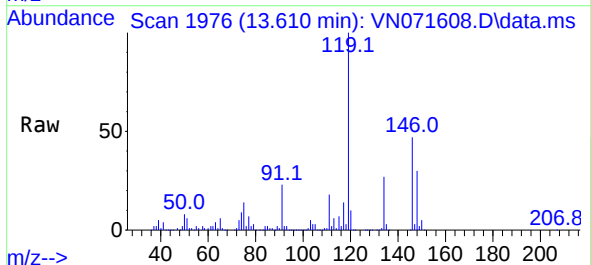
Tgt Ion:105 Resp: 1756544
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

Manual Integrations
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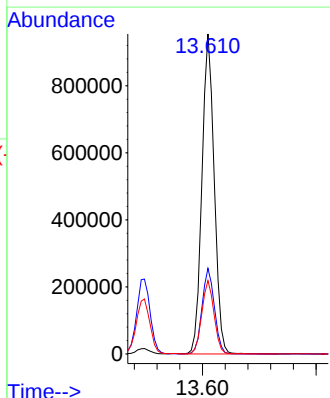
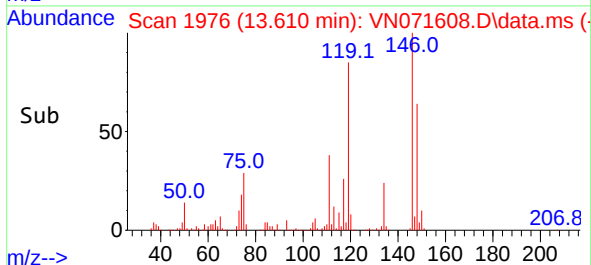
Reviewed By :John Carlone 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

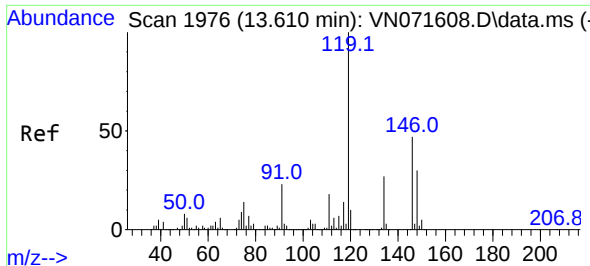


#86
 p-Isopropyltoluene
 Concen: 50.541 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071608.D
 Acq: 28 Mar 2022 16:46



Tgt Ion:119 Resp: 1430195
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.9 11.3 33.9





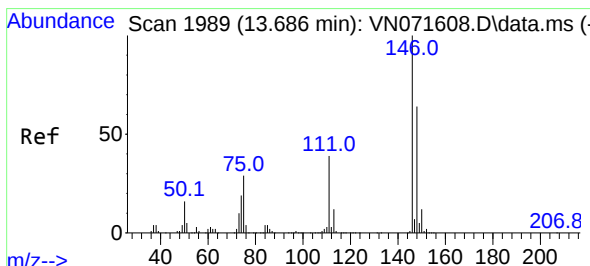
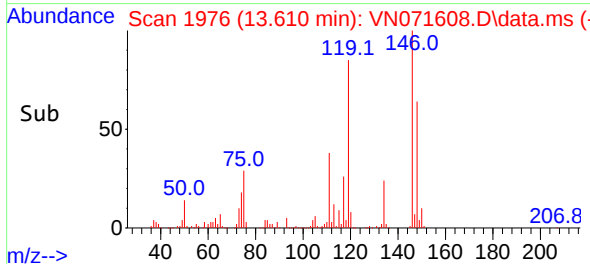
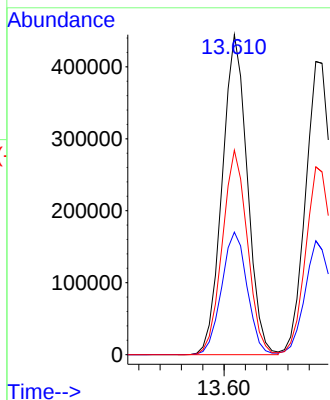
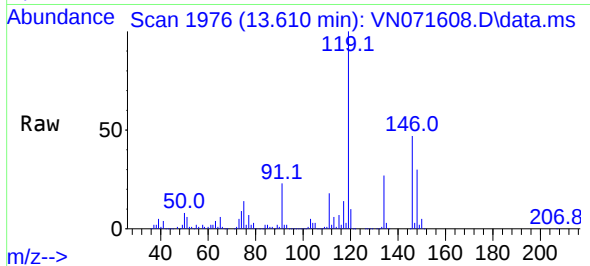
#87
1,3-Dichlorobenzene
Concen: 47.788 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 727785
Ion Ratio Lower Upper
146 100
111 38.9 20.0 60.0
148 63.8 32.0 96.0

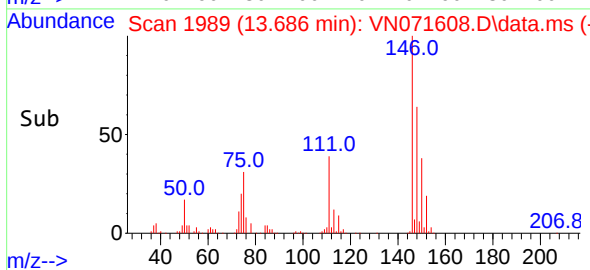
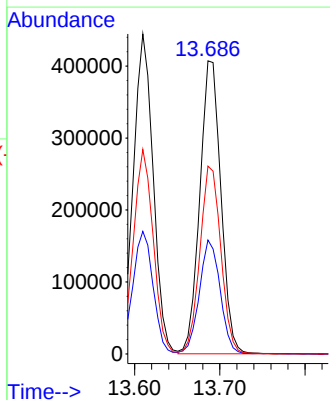
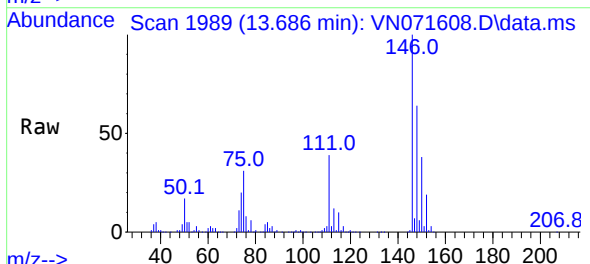
Manual Integrations
APPROVED

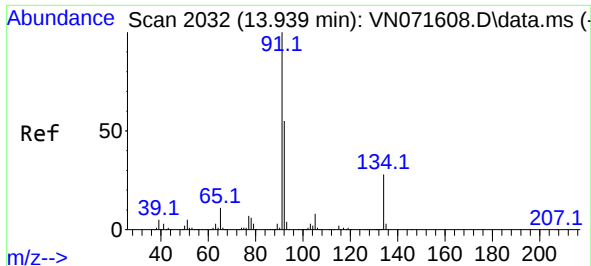
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#88
1,4-Dichlorobenzene
Concen: 46.639 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

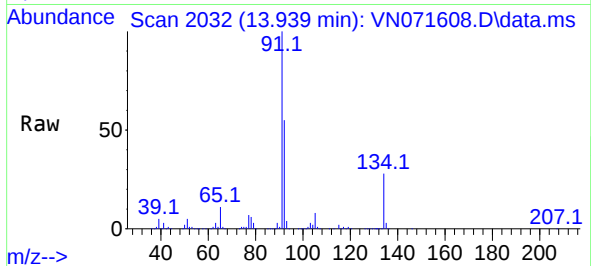
Tgt Ion:146 Resp: 701509
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 63.9 31.4 94.3





#89
n-Butylbenzene
Concen: 49.715 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

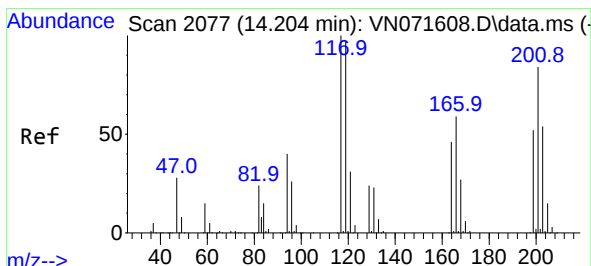
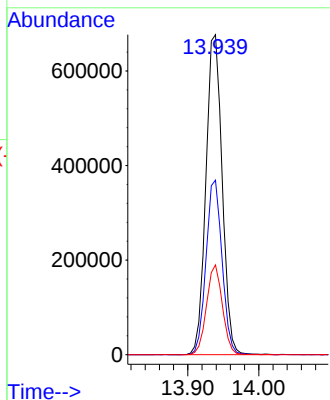
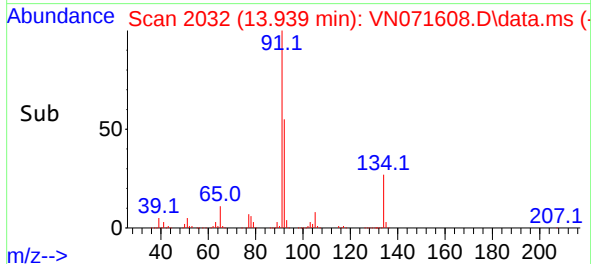
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 107955
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 27.4 13.6 40.8

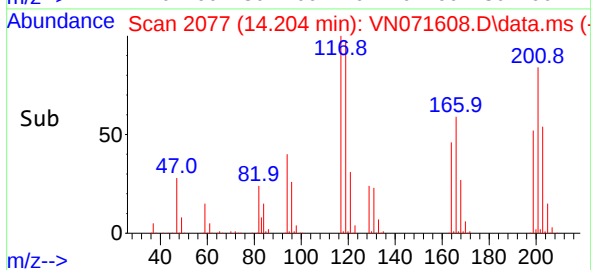
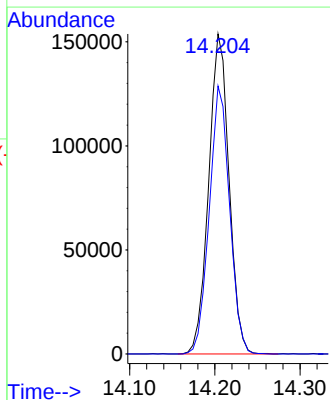
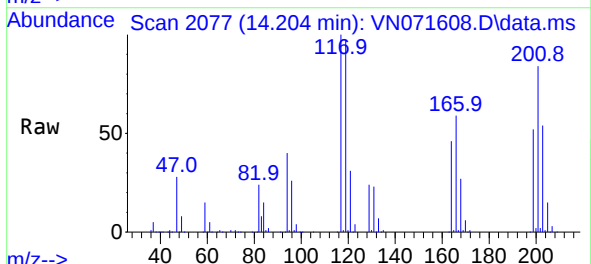
Manual Integrations
APPROVED

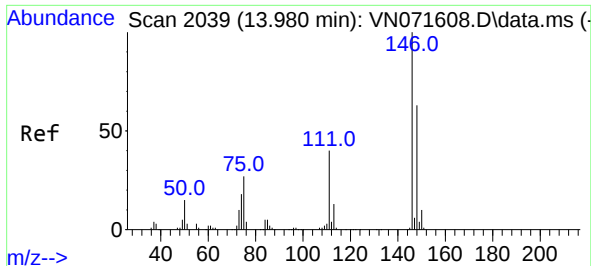
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#90
Hexachloroethane
Concen: 46.447 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Tgt Ion:117 Resp: 255963
Ion Ratio Lower Upper
117 100
201 83.5 40.6 122.0





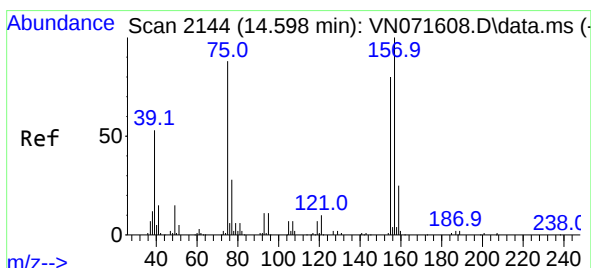
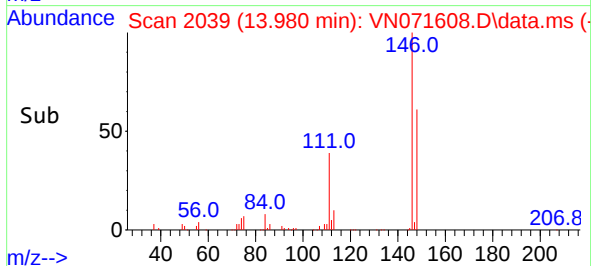
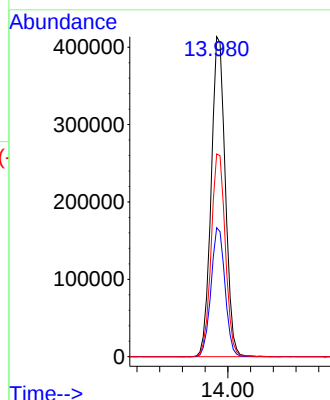
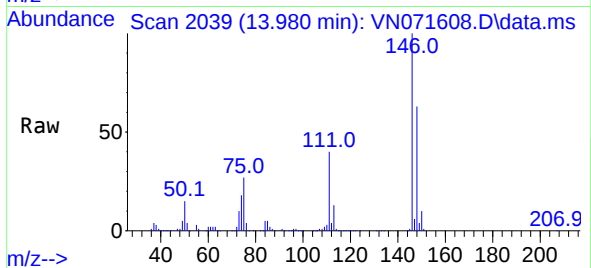
#91
1,2-Dichlorobenzene
Concen: 48.370 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 70826
Ion Ratio Lower Upper
146 100
111 40.1 20.9 62.8
148 63.9 32.1 96.3

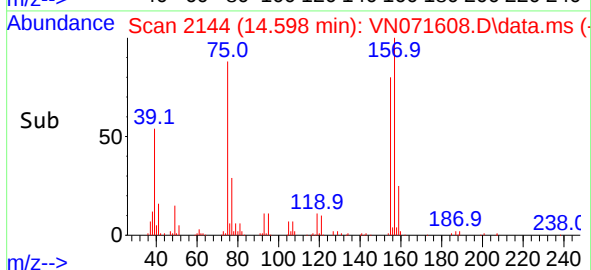
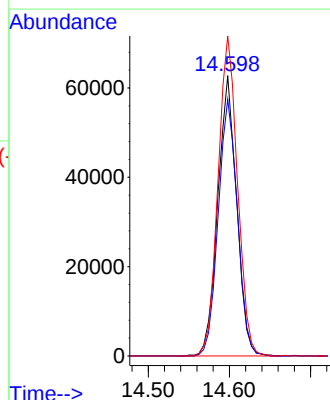
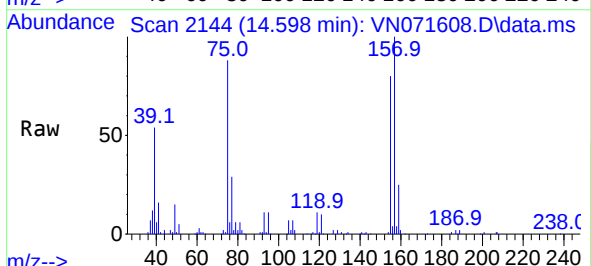
Manual Integrations
APPROVED

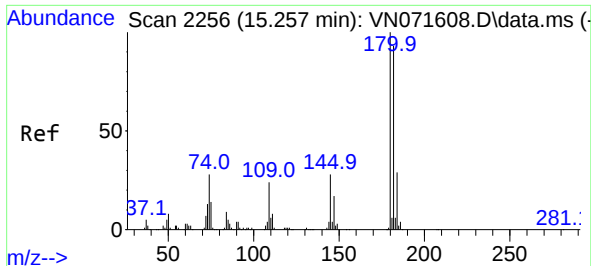
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.820 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

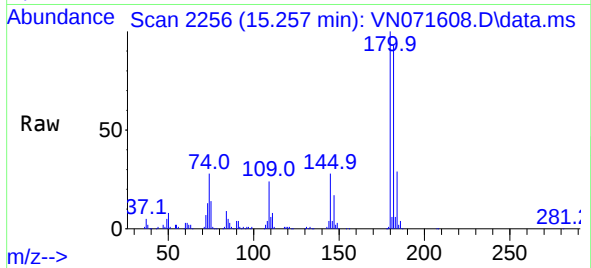
Tgt Ion: 75 Resp: 101308
Ion Ratio Lower Upper
75 100
155 93.1 44.9 134.5
157 117.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 49.812 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

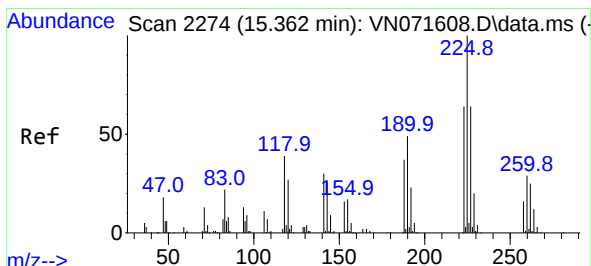
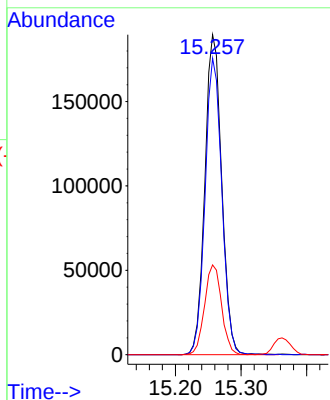
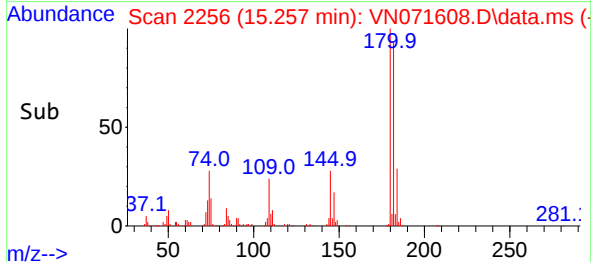
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



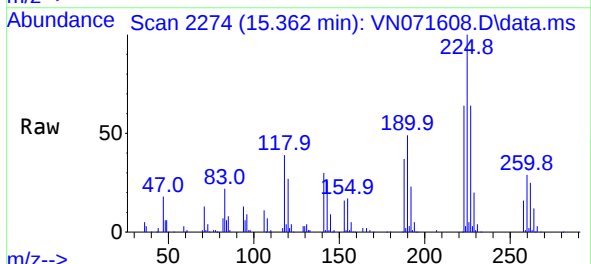
Tgt Ion:180 Resp: 338045
Ion Ratio Lower Upper
180 100
182 92.4 47.5 142.5
145 28.4 14.5 43.5

Manual Integrations
APPROVED

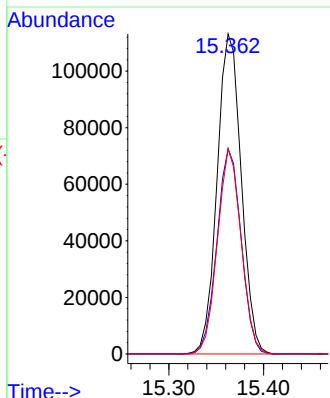
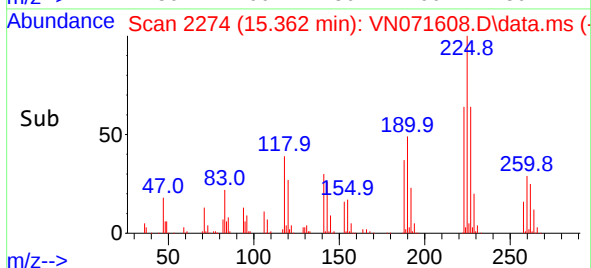
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

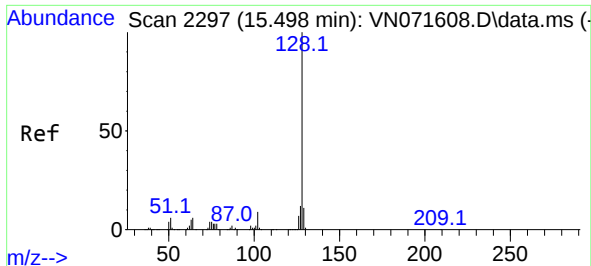


#94
Hexachlorobutadiene
Concen: 48.808 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



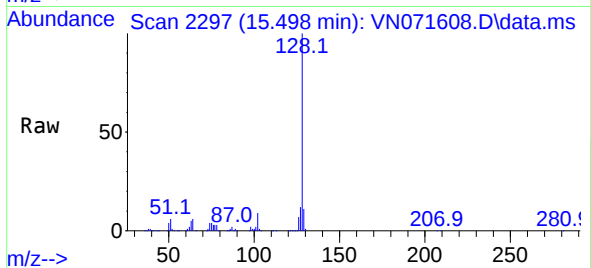
Tgt Ion:225 Resp: 200705
Ion Ratio Lower Upper
225 100
223 64.2 32.4 97.2
227 62.7 31.8 95.4





#95
Naphthalene
Concen: 50.660 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46

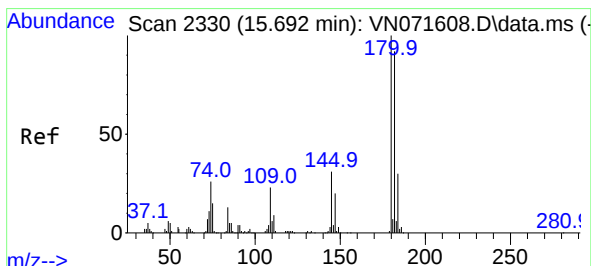
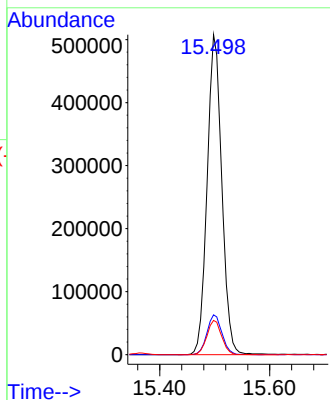
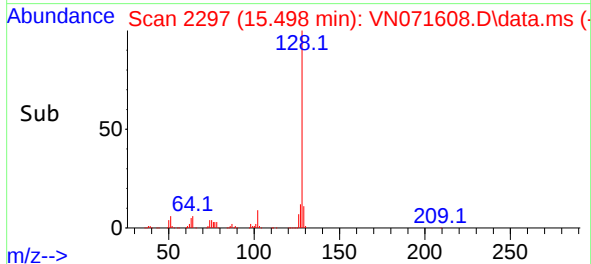
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



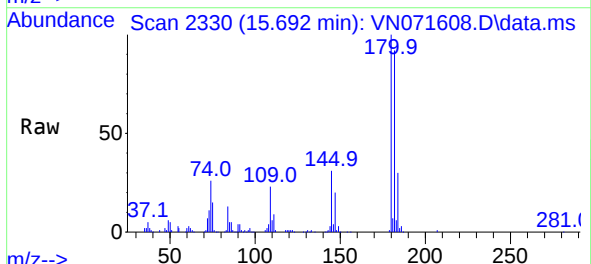
Tgt Ion:128 Resp: 939880
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.247 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN071608.D
Acq: 28 Mar 2022 16:46



Tgt Ion:180 Resp: 330089
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.3
145 30.3 15.5 46.5

