

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071537.D
 Acq On : 25 Mar 2022 10:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 26 03:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	638642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	989819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	916069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	396124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	392148	49.423	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.840%		
35) Dibromofluoromethane	8.016	113	318877	51.261	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.520%		
50) Toluene-d8	10.439	98	1279676	51.001	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.000%		
62) 4-Bromofluorobenzene	12.727	95	437006	53.154	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	370969	55.669	ug/l	99
3) Chloromethane	2.299	50	426588	57.223	ug/l	100
4) Vinyl Chloride	2.440	62	488863	54.397	ug/l	99
5) Bromomethane	2.834	94	313617	66.122	ug/l	98
6) Chloroethane	3.005	64	321051	53.299	ug/l	99
7) Trichlorofluoromethane	3.369	101	566963	54.662	ug/l	99
8) Diethyl Ether	3.822	74	241002	55.740	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	347711	55.954	ug/l	99
10) Methyl Iodide	4.416	142	494452	55.183	ug/l	99
11) Tert butyl alcohol	5.363	59	362989	245.497	ug/l	100
12) 1,1-Dichloroethene	4.181	96	340210	55.588	ug/l	97
13) Acrolein	4.040	56	265464	234.762	ug/l	98
14) Allyl chloride	4.840	41	547555	55.421	ug/l	99
15) Acrylonitrile	5.546	53	1037930	258.197	ug/l	100
16) Acetone	4.275	43	1128488	346.983	ug/l	99
17) Carbon Disulfide	4.528	76	882915	55.310	ug/l	100
18) Methyl Acetate	4.846	43	448284	52.663	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1221478	55.802	ug/l	97
20) Methylene Chloride	5.093	84	397327	52.431	ug/l	96
21) trans-1,2-Dichloroethene	5.593	96	365555	55.035	ug/l	99
22) Diisopropyl ether	6.487	45	1150655	56.178	ug/l	97
23) Vinyl Acetate	6.428	43	4976915	283.032	ug/l	100
24) 1,1-Dichloroethane	6.381	63	683691	55.093	ug/l	98
25) 2-Butanone	7.328	43	1493251	286.175	ug/l	100
26) 2,2-Dichloropropane	7.322	77	600640	57.853	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	439211	55.461	ug/l	100
28) Bromochloromethane	7.657	49	263642	51.993	ug/l	100
29) Tetrahydrofuran	7.675	42	895135	257.994	ug/l	100
30) Chloroform	7.816	83	690215	55.483	ug/l	100
31) Cyclohexane	8.092	56	616399	54.290	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	602306	55.580	ug/l	100
36) 1,1-Dichloropropene	8.216	75	526245	58.673	ug/l	99
37) Ethyl Acetate	7.404	43	540975	55.335	ug/l	100
38) Carbon Tetrachloride	8.198	117	510686	58.411	ug/l	99
39) Methylcyclohexane	9.457	83	686110	62.353	ug/l	98
40) Benzene	8.457	78	1584897	56.767	ug/l	99

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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)
41) Methacrylonitrile	7.634	41	267932	57.726	ug/l	97
42) 1,2-Dichloroethane	8.528	62	557918	57.291	ug/l	100
43) Isopropyl Acetate	8.551	43	852030	54.556	ug/l	99
44) Trichloroethene	9.210	130	419110	57.831	ug/l	98
45) 1,2-Dichloropropane	9.486	63	392856	56.804	ug/l	100
46) Dibromomethane	9.575	93	268477	57.037	ug/l	99
47) Bromodichloromethane	9.757	83	540295	58.562	ug/l	98
48) Methyl methacrylate	9.551	41	415729	58.903	ug/l	98
49) 1,4-Dioxane	9.563	88	175778	1079.339	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	2711022	276.983	ug/l	99
52) Toluene	10.498	92	1022551	58.518	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	609548	61.443	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	656066	59.969	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	397094	56.054	ug/l	98
56) Ethyl methacrylate	10.757	69	640616	59.990	ug/l	100
57) 1,3-Dichloropropane	11.039	76	689467	57.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	639768	194.279	ug/l	100
59) 2-Hexanone	11.080	43	2054950	291.237	ug/l	100
60) Dibromochloromethane	11.233	129	424200	59.368	ug/l	99
61) 1,2-Dibromoethane	11.339	107	418728	58.586	ug/l	99
64) Tetrachloroethene	10.975	164	361368	57.071	ug/l	98
65) Chlorobenzene	11.763	112	1105904	56.901	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	401428	58.385	ug/l	99
67) Ethyl Benzene	11.839	91	1975742	59.213	ug/l	98
68) m/p-Xylenes	11.945	106	1546078	121.097	ug/l	100
69) o-Xylene	12.274	106	758406	59.794	ug/l	99
70) Styrene	12.286	104	1221645	61.775	ug/l	100
71) Bromoform	12.451	173	327385	60.540	ug/l	100
73) Isopropylbenzene	12.574	105	1938477	55.506	ug/l	100
74) N-amyl acetate	12.380	43	629990	56.122	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	602298	58.814	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	520016m	58.871	ug/l	
77) Bromobenzene	12.857	156	466304	53.577	ug/l	99
78) n-propylbenzene	12.916	91	2161088	58.162	ug/l	100
79) 2-Chlorotoluene	13.004	91	1307342	54.527	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1555913	56.439	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	187692	56.889	ug/l	99
82) 4-Chlorotoluene	13.098	91	1262279	57.185	ug/l	100
83) tert-Butylbenzene	13.321	119	1409024	56.620	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1527647	57.425	ug/l	100
85) sec-Butylbenzene	13.498	105	1923407	58.311	ug/l	99
86) p-Isopropyltoluene	13.610	119	1589361	60.444	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	794890	56.305	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	762766	54.667	ug/l	98
89) n-Butylbenzene	13.939	91	1207618	59.968	ug/l	99
90) Hexachloroethane	14.204	117	282063	54.958	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	746666	55.175	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	105107	50.897	ug/l	99
93) 1,2,4-Trichlorobenzene	15.257	180	368112	58.703	ug/l	99
94) Hexachlorobutadiene	15.363	225	222484	58.670	ug/l	97
95) Naphthalene	15.504	128	967866	48.135	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	357890	57.520	ug/l	98

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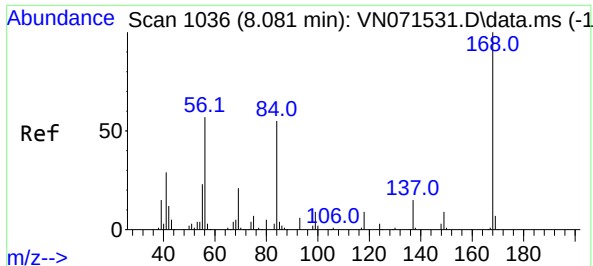
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

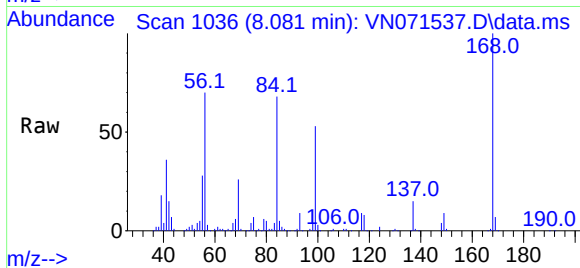
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071537.D
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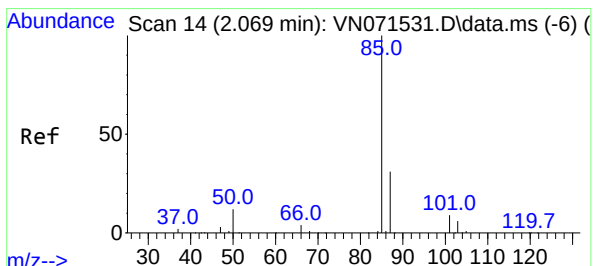
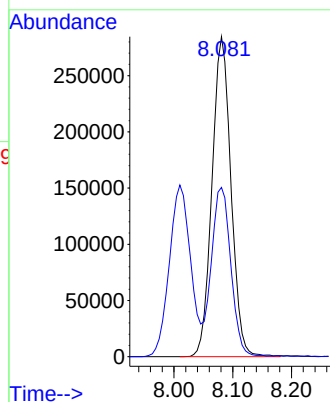
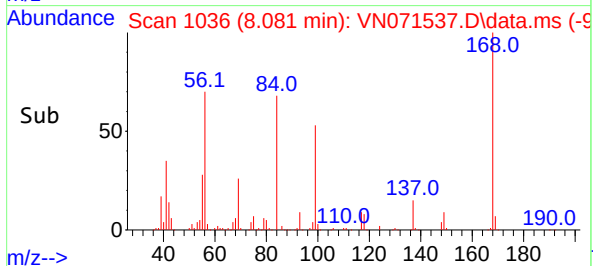
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



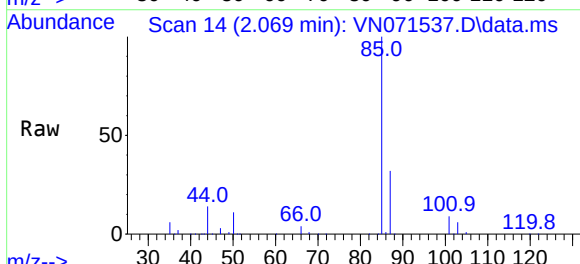
Tgt Ion:168 Resp: 63864
Ion Ratio Lower Upper
168 100
99 52.7 42.3 63.5

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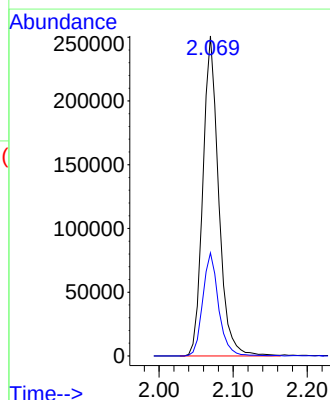
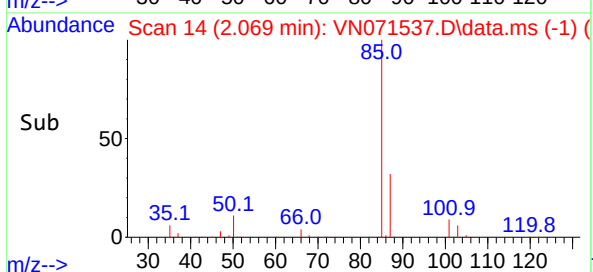
Reviewed By :John Carlone 03/26/2022
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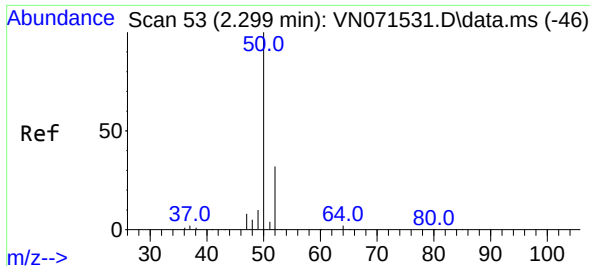


#2
Dichlorodifluoromethane
Concen: 55.669 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



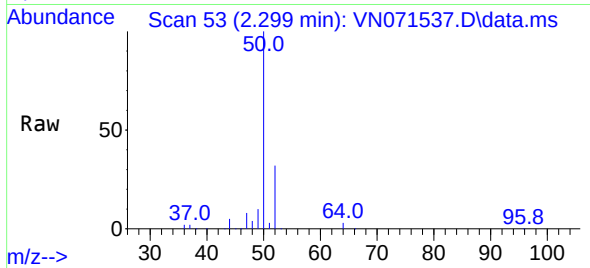
Tgt Ion: 85 Resp: 370969
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1





#3
Chloromethane
Concen: 57.223 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

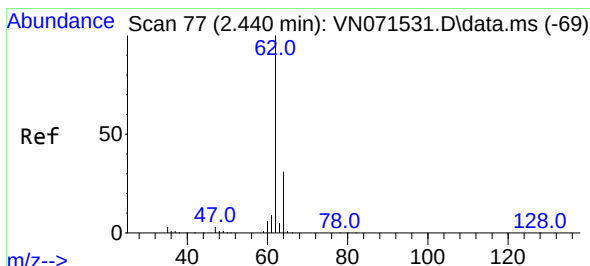
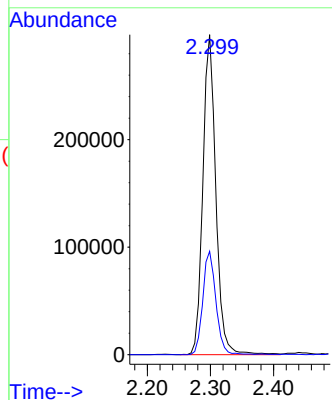
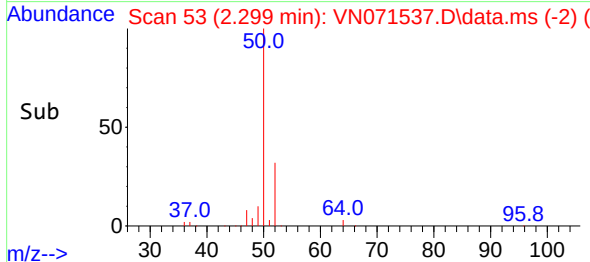
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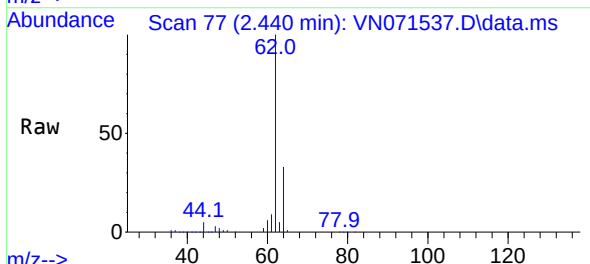
Tgt Ion: 50 Resp: 426588
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

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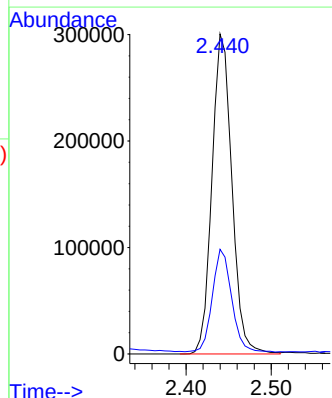
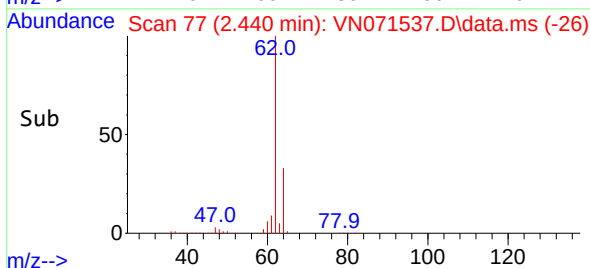
Reviewed By :John Carlone 03/26/2022
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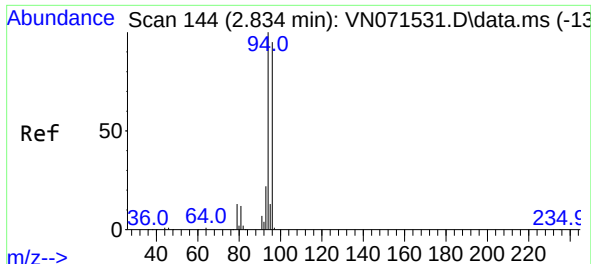


#4
Vinyl Chloride
Concen: 54.397 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



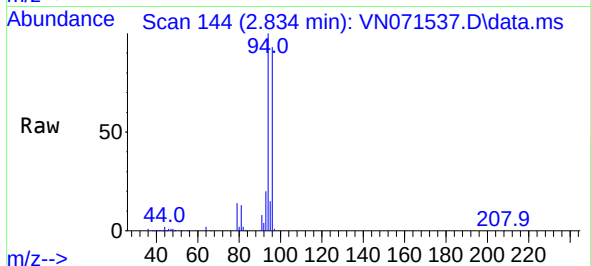
Tgt Ion: 62 Resp: 488863
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





#5
Bromomethane
Concen: 66.122 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

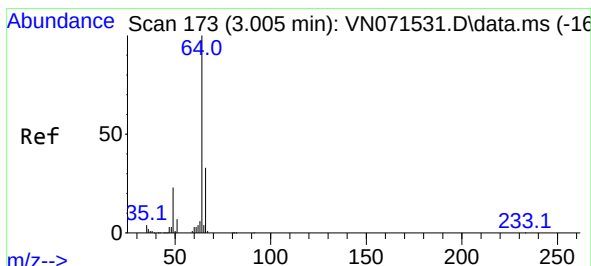
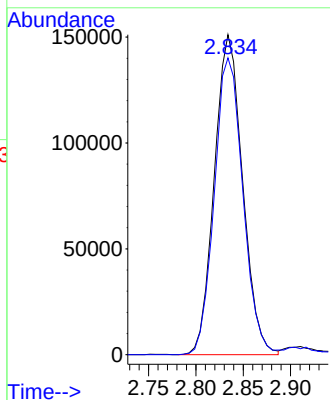
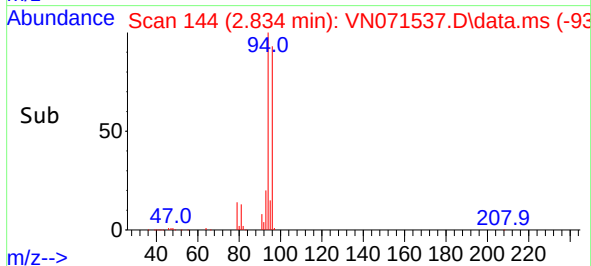
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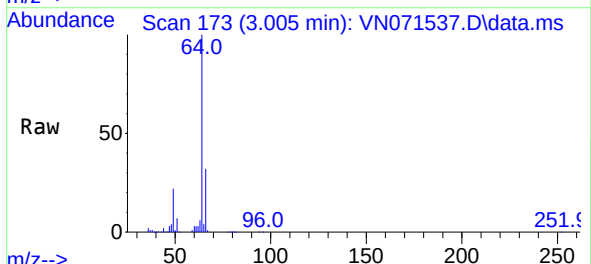
Tgt Ion: 94 Resp: 31361
Ion Ratio Lower Upper
94 100
96 92.8 76.0 114.0

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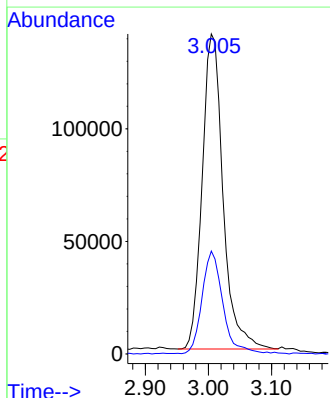
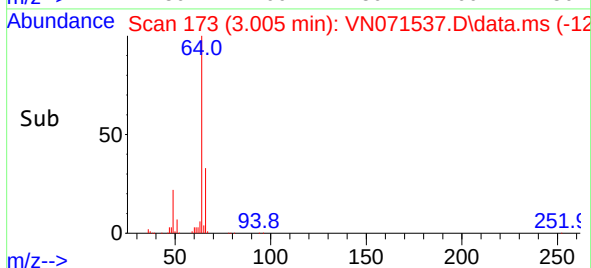
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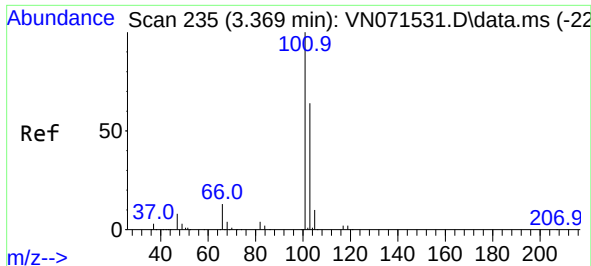


#6
Chloroethane
Concen: 53.299 ug/l
RT: 3.005 min Scan# 173
Delta R.T. -0.000 min
Lab File: VN071537.D
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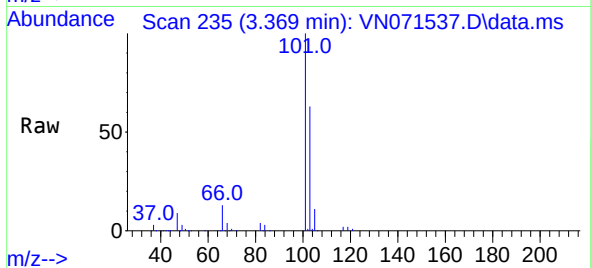
Tgt Ion: 64 Resp: 321051
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 54.662 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

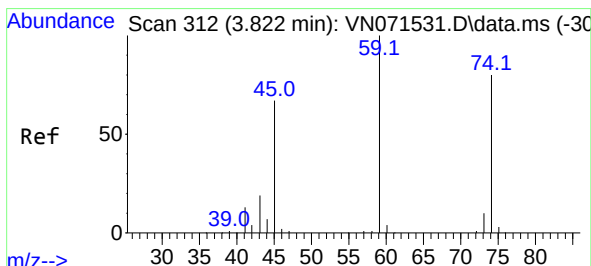
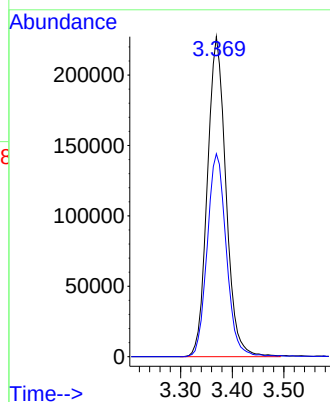
Instrument :
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Tgt Ion:101 Resp: 56696
Ion Ratio Lower Upper
101 100
103 63.4 51.5 77.3

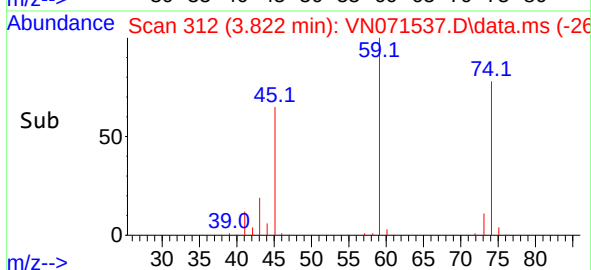
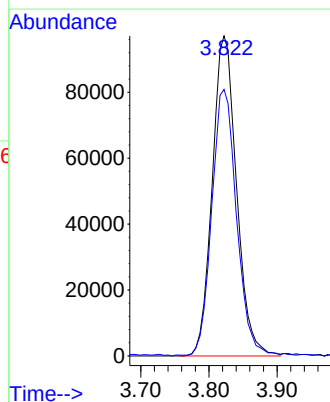
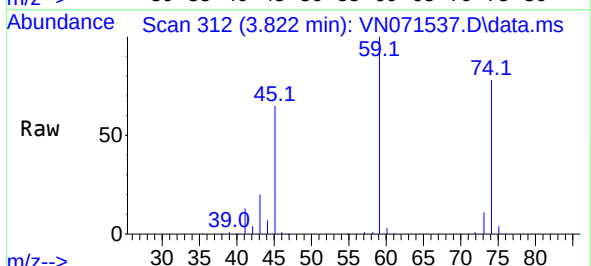
Manual Integrations
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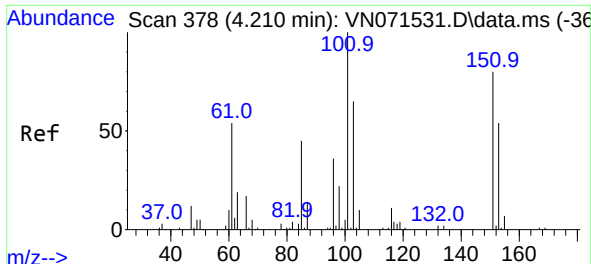
Reviewed By :John Carlone 03/26/2022
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#8
Diethyl Ether
Concen: 55.740 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

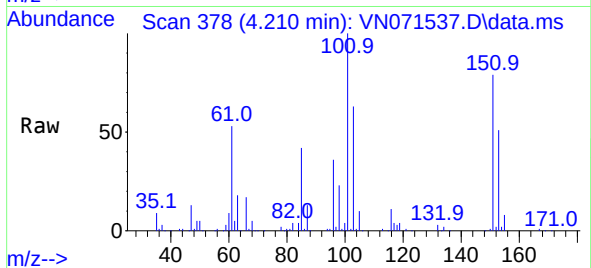
Tgt Ion: 74 Resp: 241002
Ion Ratio Lower Upper
74 100
45 85.2 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.954 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN071537.D
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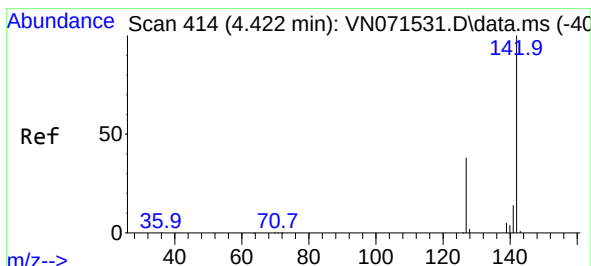
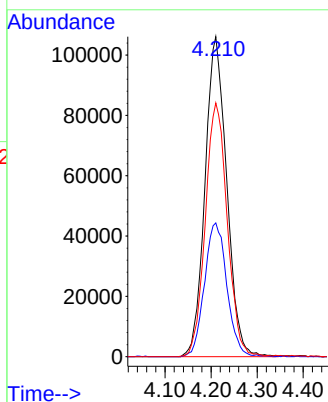
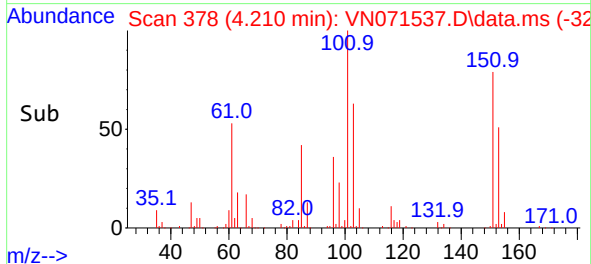
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ClientSampleId :
VSTDCCC050



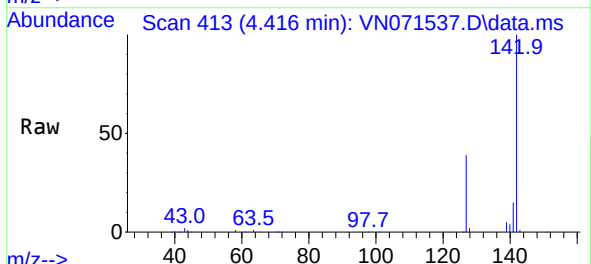
Tgt Ion:101 Resp: 34771
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 80.2 63.0 94.4

Manual Integrations
APPROVED

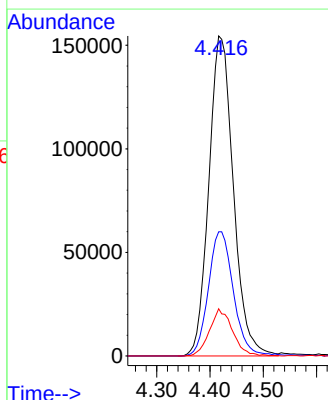
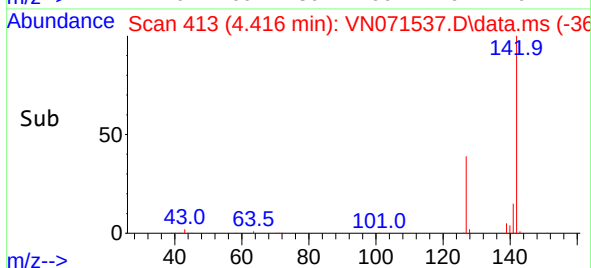
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

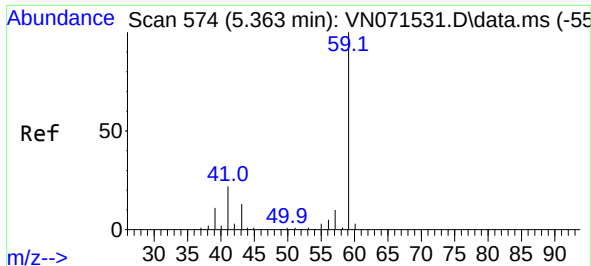


#10
Methyl Iodide
Concen: 55.183 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



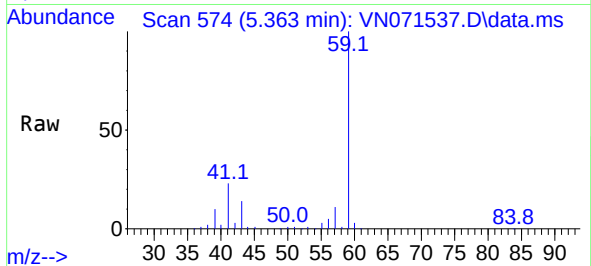
Tgt Ion:142 Resp: 494452
Ion Ratio Lower Upper
142 100
127 39.6 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 245.497 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

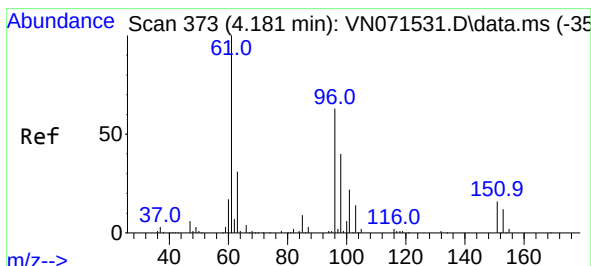
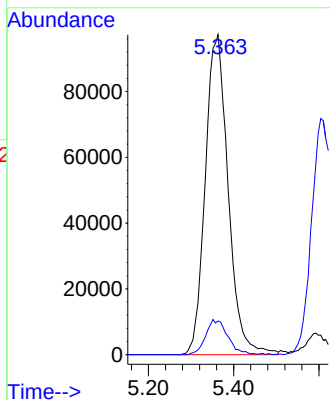
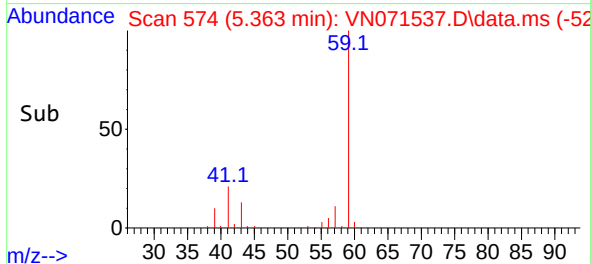
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



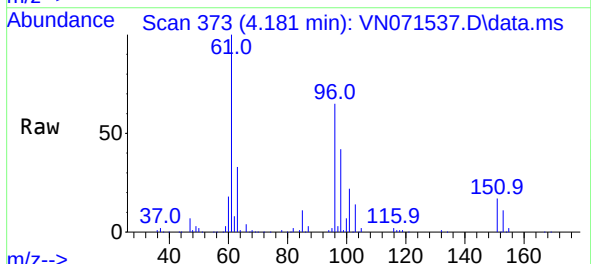
Tgt Ion: 59 Resp: 362989
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
APPROVED

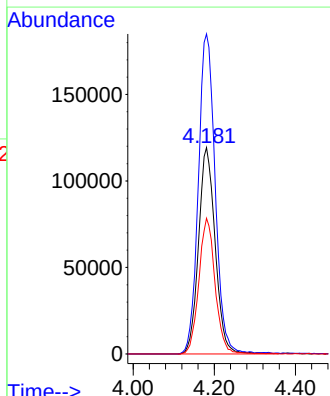
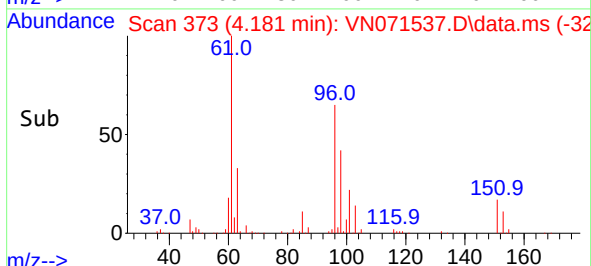
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

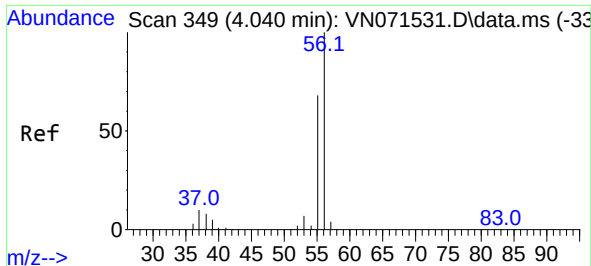


#12
1,1-Dichloroethene
Concen: 55.588 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



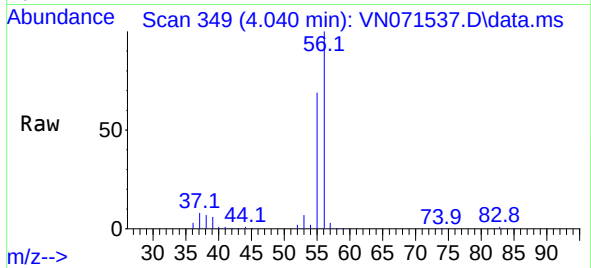
Tgt Ion: 96 Resp: 340210
Ion Ratio Lower Upper
96 100
61 155.0 127.6 191.4
98 65.7 51.2 76.8





#13
Acrolein
Concen: 234.762 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

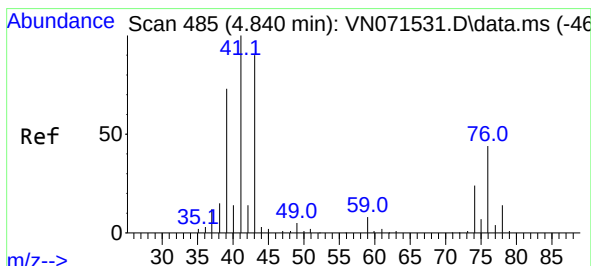
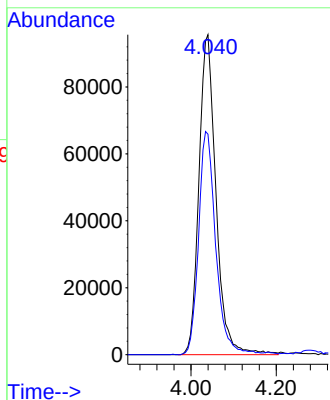
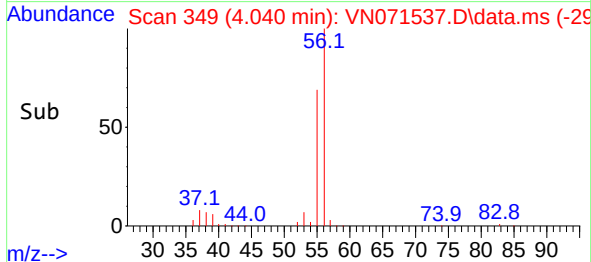
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



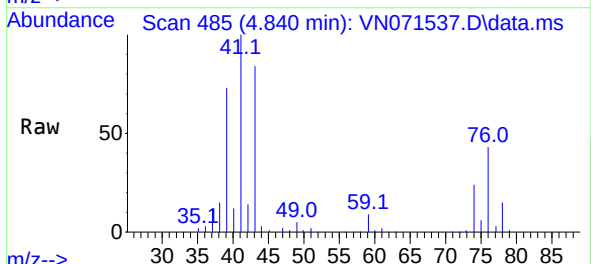
Tgt Ion: 56 Resp: 265464
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

Manual Integrations
APPROVED

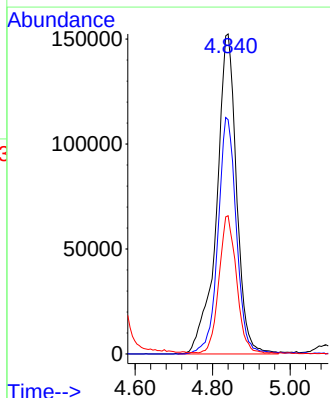
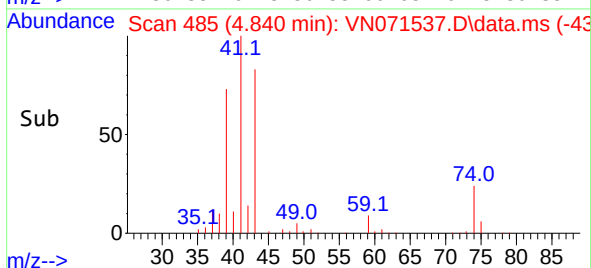
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

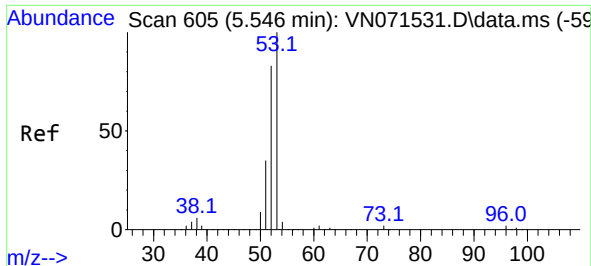


#14
Allyl chloride
Concen: 55.421 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



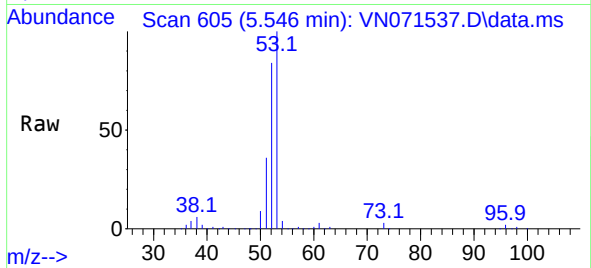
Tgt Ion: 41 Resp: 547555
Ion Ratio Lower Upper
41 100
39 68.1 53.2 79.8
76 37.6 29.9 44.9





#15
Acrylonitrile
Concen: 258.197 ug/l
RT: 5.546 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

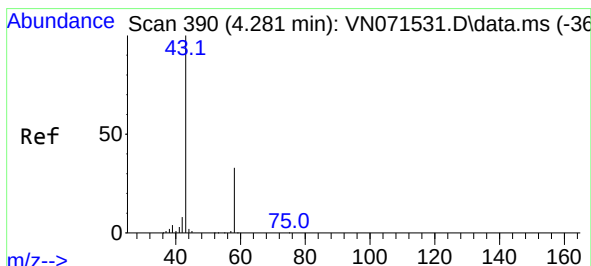
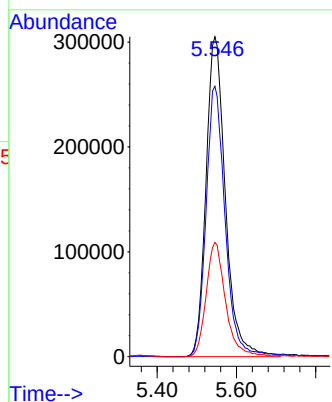
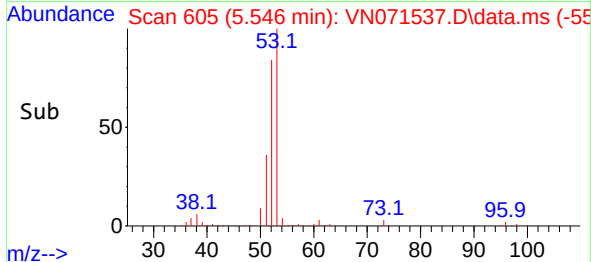
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



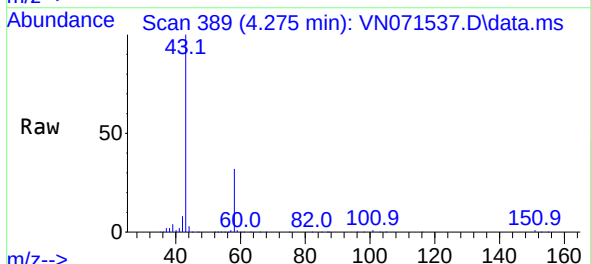
Tgt Ion: 53 Resp: 1037930
Ion Ratio Lower Upper
53 100
52 83.2 66.4 99.6
51 35.8 28.5 42.7

Manual Integrations
APPROVED

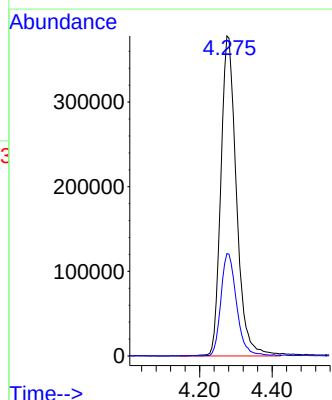
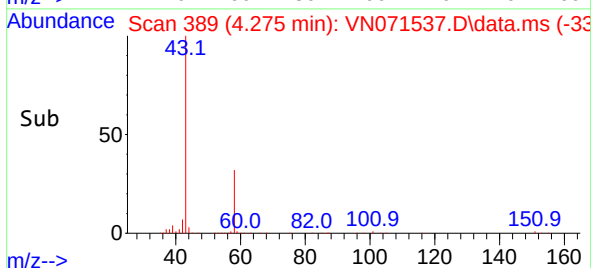
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

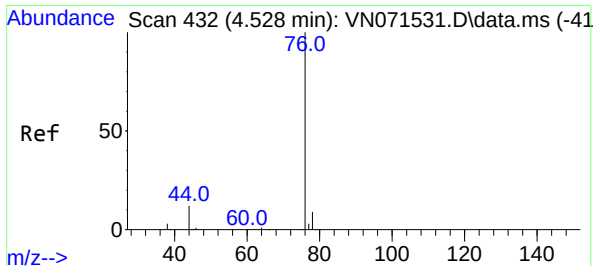


#16
Acetone
Concen: 346.983 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



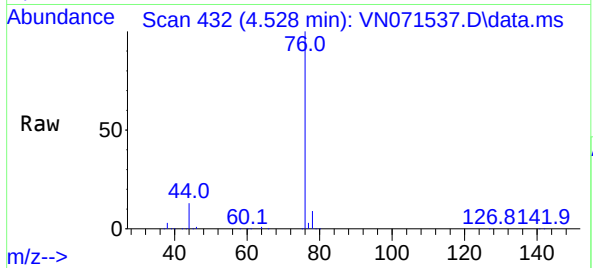
Tgt Ion: 43 Resp: 1128488
Ion Ratio Lower Upper
43 100
58 31.9 26.0 39.0





#17
Carbon Disulfide
Concen: 55.310 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

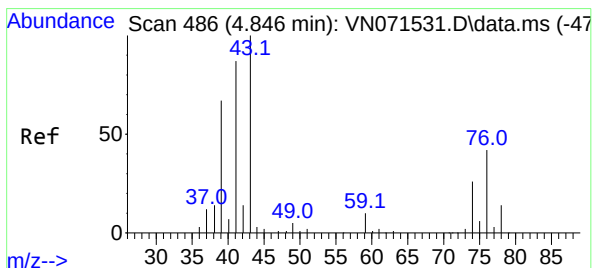
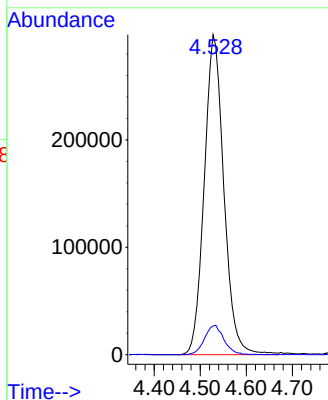
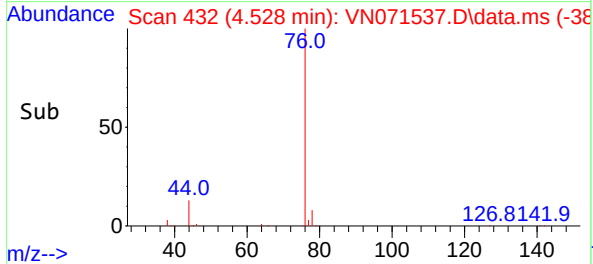
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



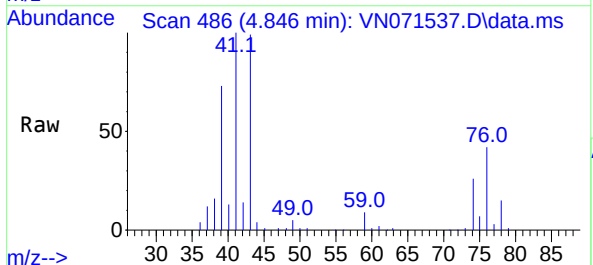
Tgt Ion: 76 Resp: 882915
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

Manual Integrations
APPROVED

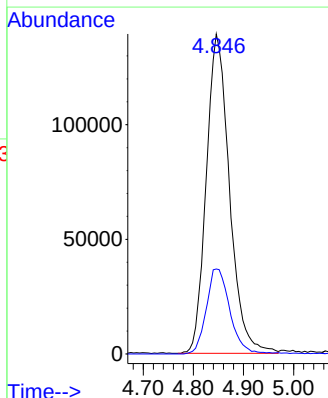
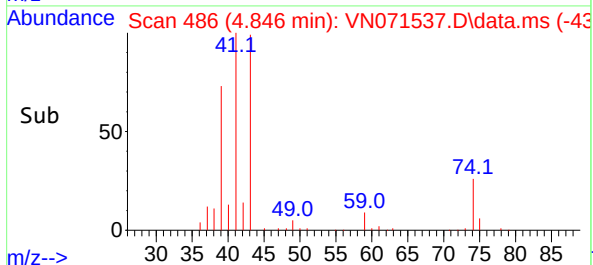
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

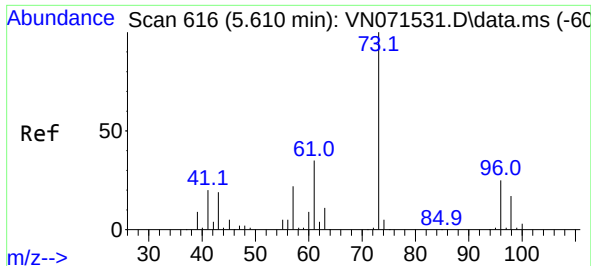


#18
Methyl Acetate
Concen: 52.663 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion: 43 Resp: 448284
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 55.802 ug/l

RT: 5.610 min Scan# 616

Delta R.T. -0.000 min

Lab File: VN071537.D

Acq: 25 Mar 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 1221478

Ion Ratio Lower Upper

73 100

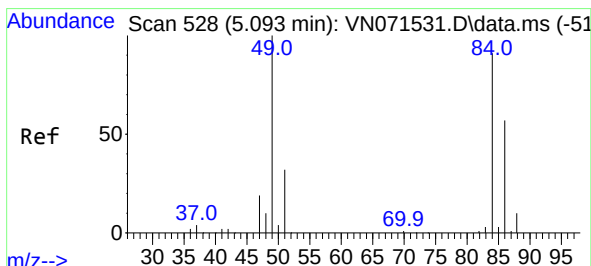
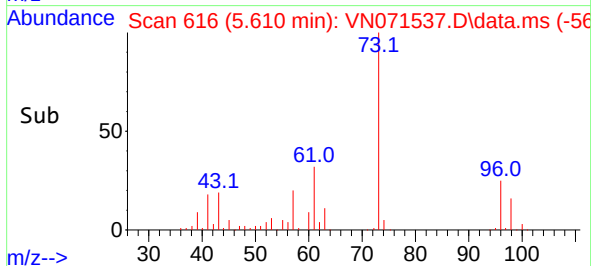
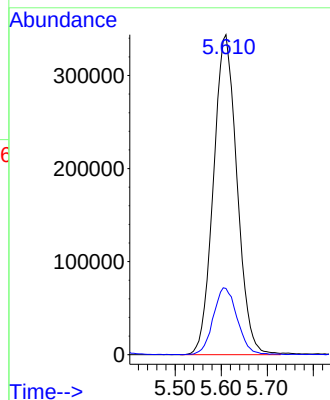
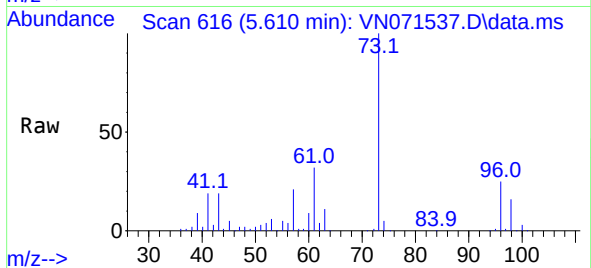
57 20.6 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#20

Methylene Chloride

Concen: 52.431 ug/l

RT: 5.093 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071537.D

Acq: 25 Mar 2022 10:25

Tgt Ion: 84 Resp: 397327

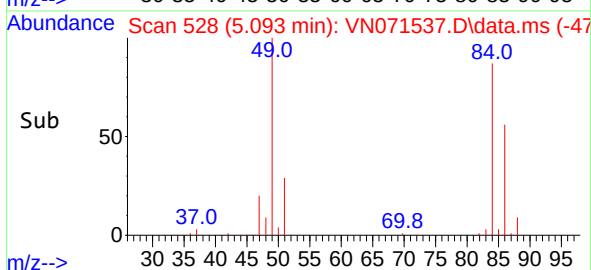
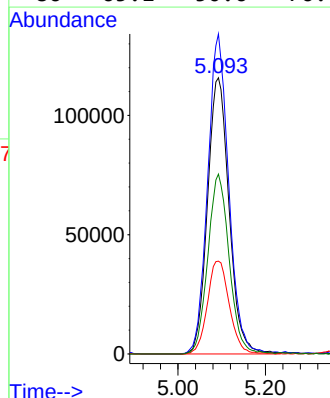
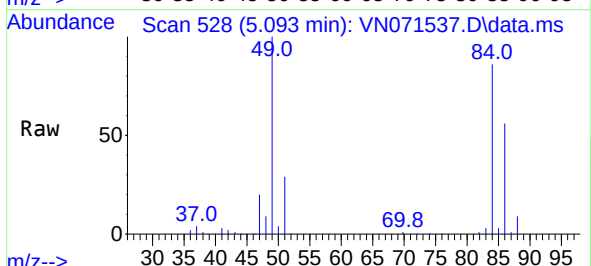
Ion Ratio Lower Upper

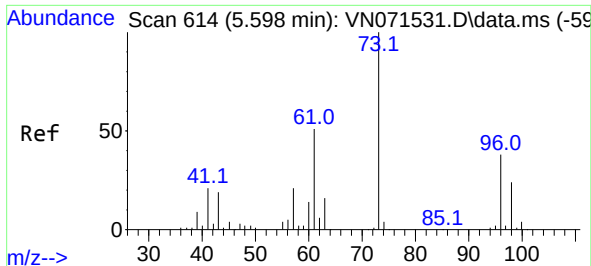
84 100

49 115.9 88.3 132.5

51 33.6 28.2 42.2

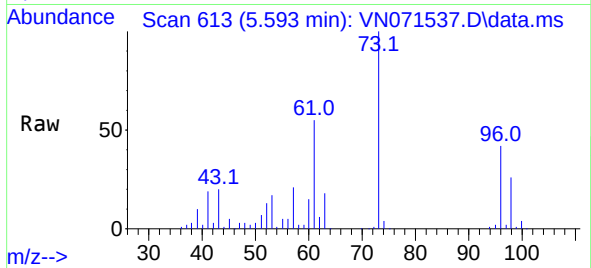
86 65.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 55.035 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

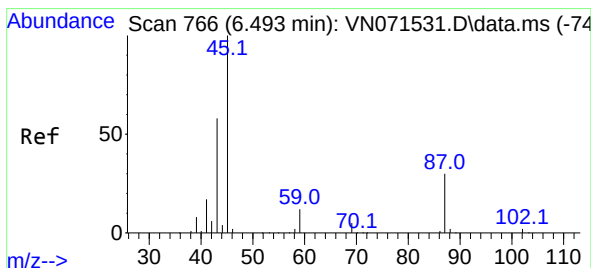
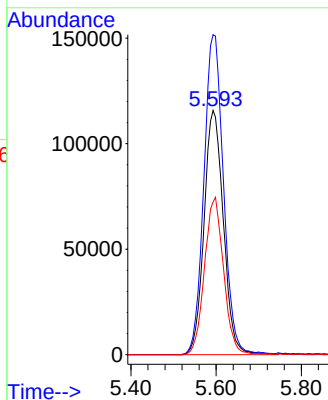
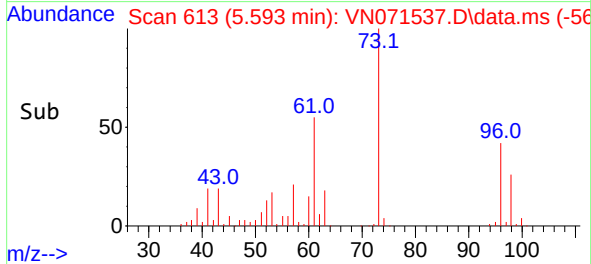
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



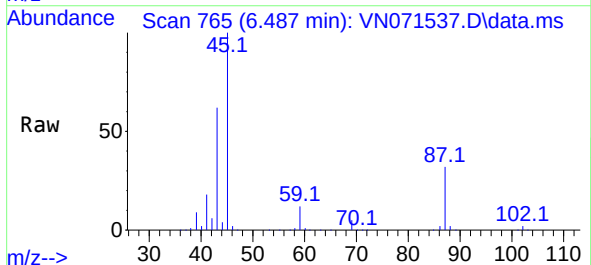
Tgt Ion: 96 Resp: 36555
Ion Ratio Lower Upper
96 100
61 131.1 105.8 158.8
98 62.5 50.3 75.5

Manual Integrations
APPROVED

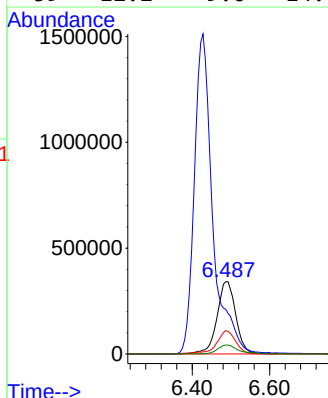
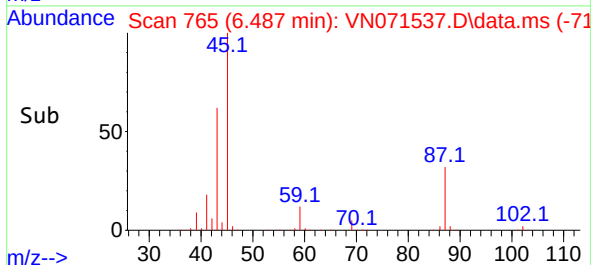
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

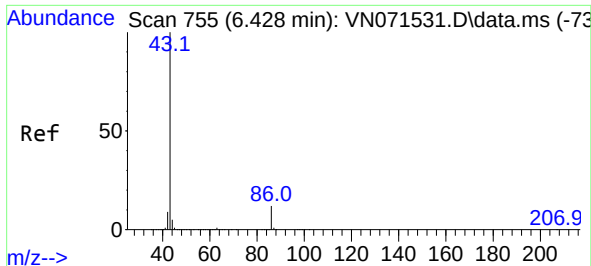


#22
Diisopropyl ether
Concen: 56.178 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion: 45 Resp: 1150655
Ion Ratio Lower Upper
45 100
43 60.8 46.6 70.0
87 32.3 24.3 36.5
59 12.2 9.6 14.4





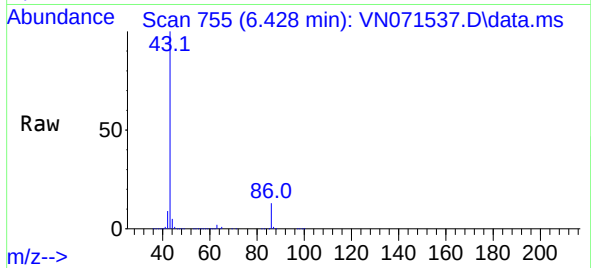
#23
 Vinyl Acetate
 Concen: 283.032 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071537.D
 Acq: 25 Mar 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

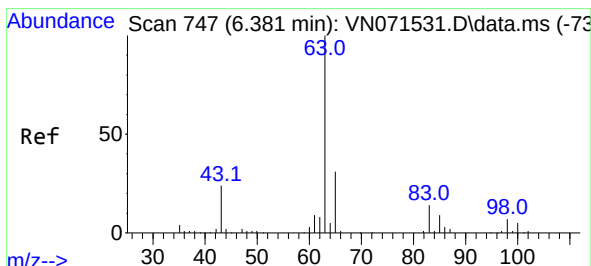
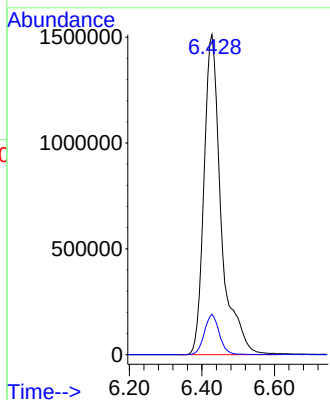
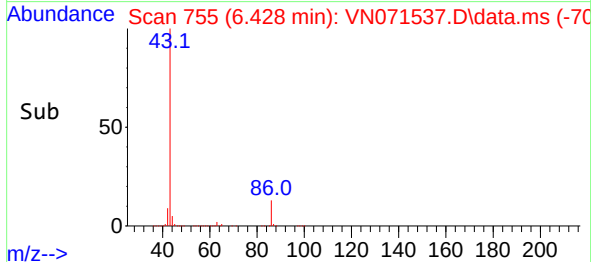


Tgt Ion: 43 Resp: 497691
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.0 15.0

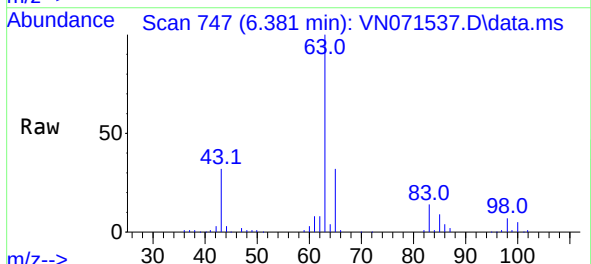
Manual Integrations

APPROVED

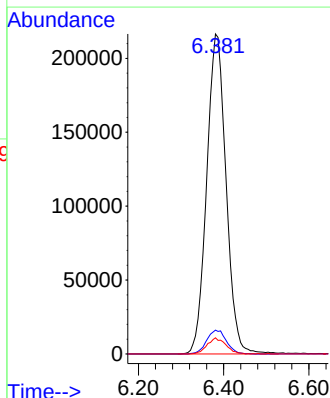
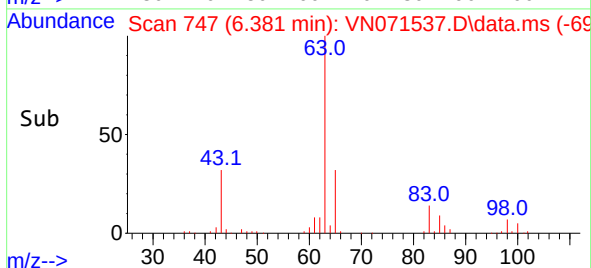
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

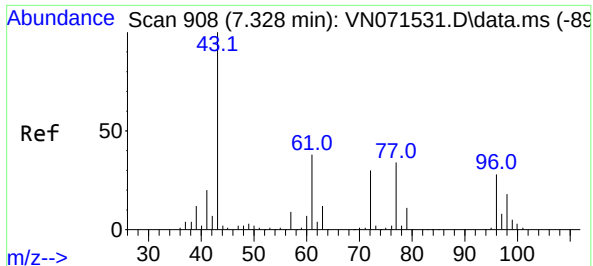


#24
 1,1-Dichloroethane
 Concen: 55.093 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071537.D
 Acq: 25 Mar 2022 10:25



Tgt Ion: 63 Resp: 683691
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 5.1 2.3 6.8





#25

2-Butanone

Concen: 286.175 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071537.D

Acq: 25 Mar 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 149325

Ion Ratio Lower Upper

43 100

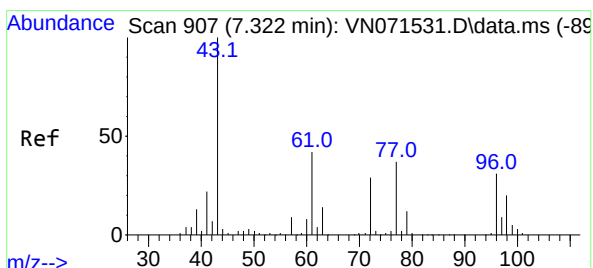
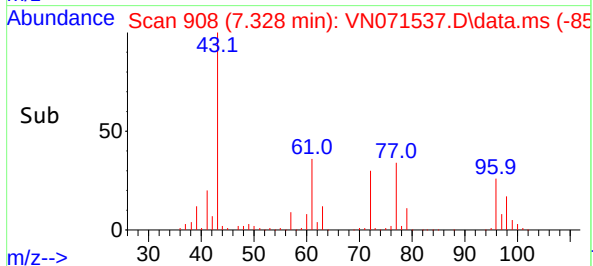
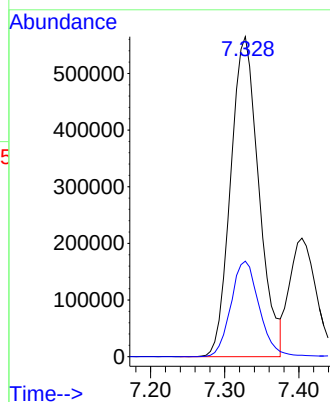
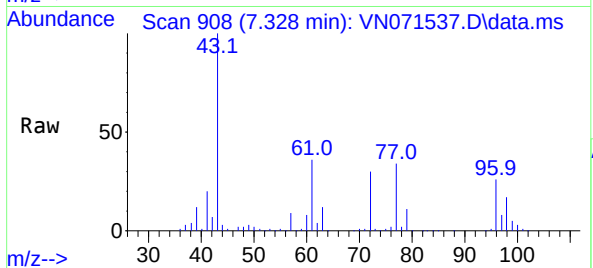
72 29.8 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#26

2,2-Dichloropropane

Concen: 57.853 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071537.D

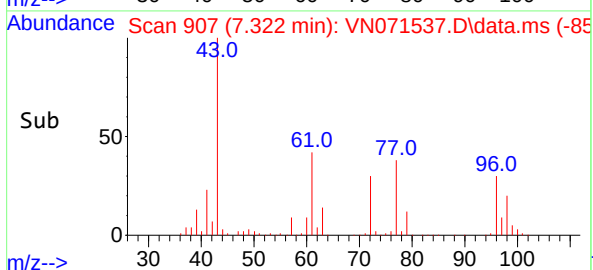
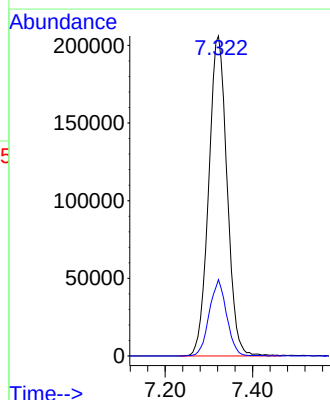
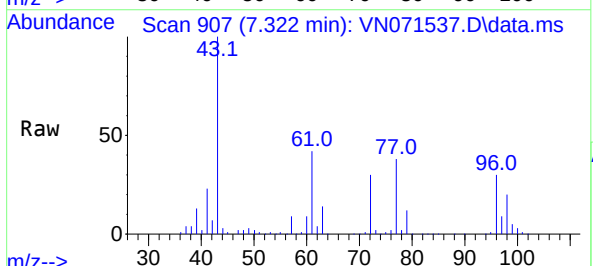
Acq: 25 Mar 2022 10:25

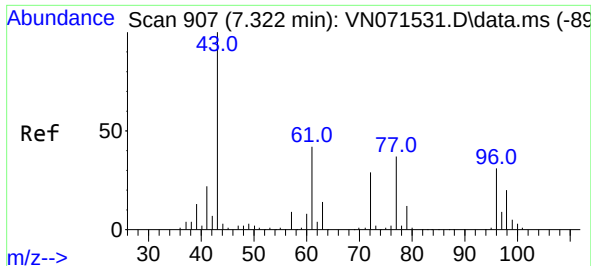
Tgt Ion: 77 Resp: 600640

Ion Ratio Lower Upper

77 100

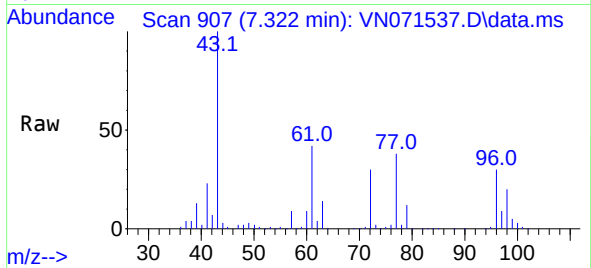
97 22.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 55.461 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071537.D
 Acq: 25 Mar 2022 10:25

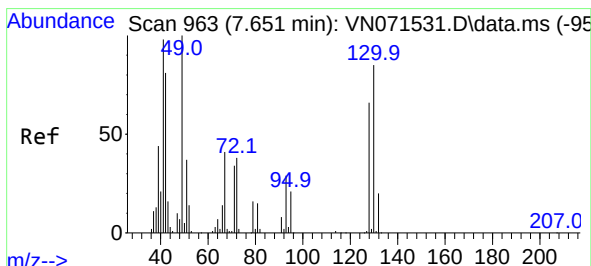
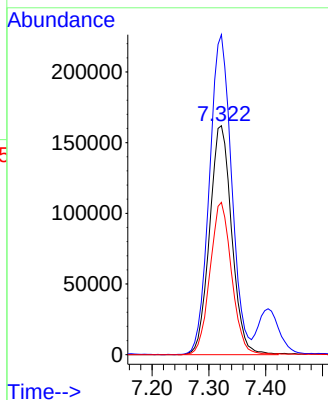
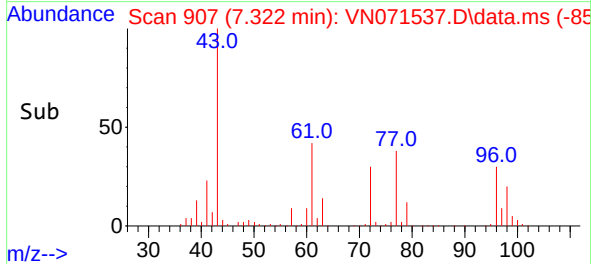
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



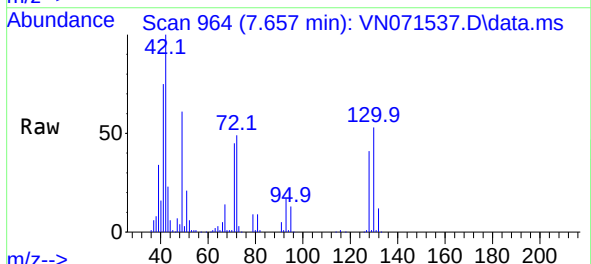
Tgt Ion: 96 Resp: 43921
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 280.6
 98 64.9 0.0 128.4

Manual Integrations
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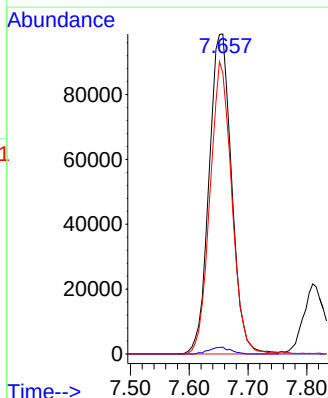
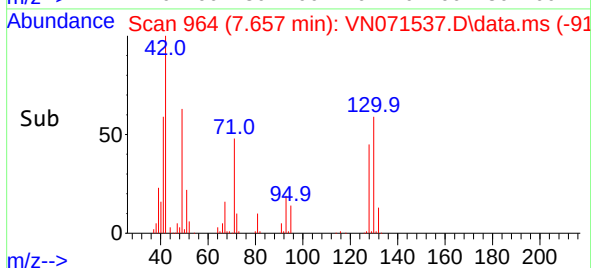
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022

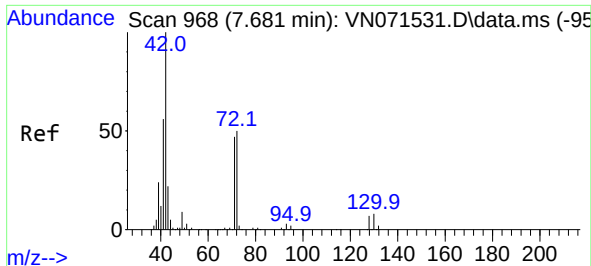


#28
 Bromochloromethane
 Concen: 51.993 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071537.D
 Acq: 25 Mar 2022 10:25



Tgt Ion: 49 Resp: 263642
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 87.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 257.994 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071537.D

Acq: 25 Mar 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

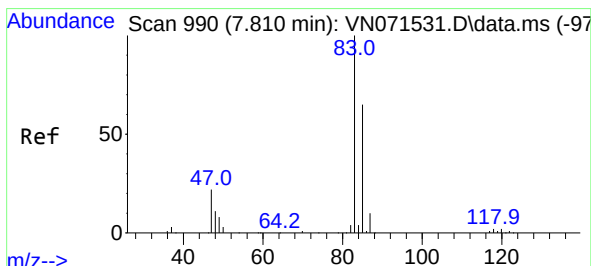
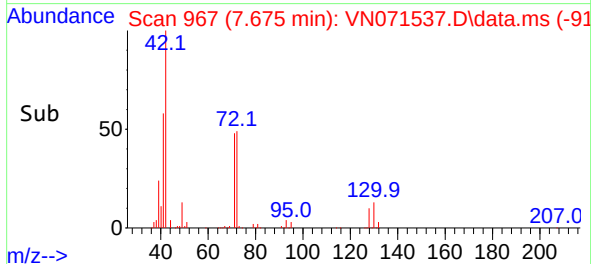
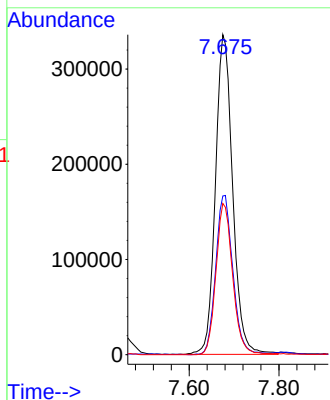
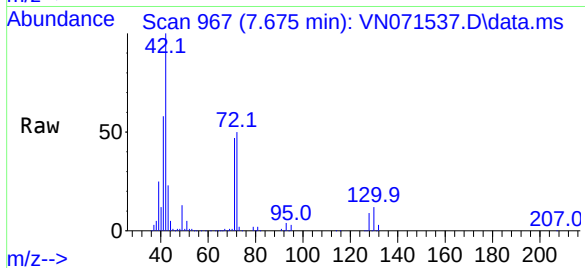
Tgt Ion: 42 Resp: 895135
 Ion Ratio Lower Upper
 42 100
 72 49.9 39.7 59.5
 71 46.1 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 03/26/2022

Supervised By :Mahesh Dadoda 03/28/2022



#30

Chloroform

Concen: 55.483 ug/l

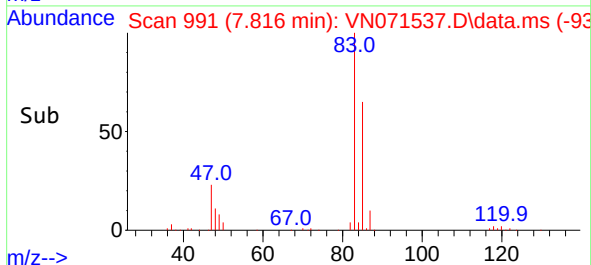
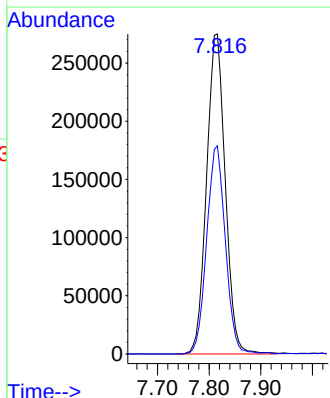
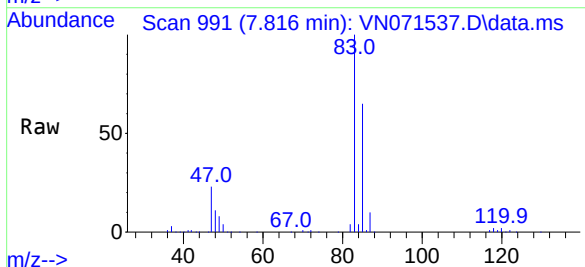
RT: 7.816 min Scan# 991

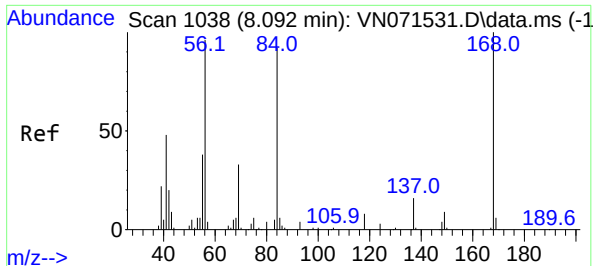
Delta R.T. 0.006 min

Lab File: VN071537.D

Acq: 25 Mar 2022 10:25

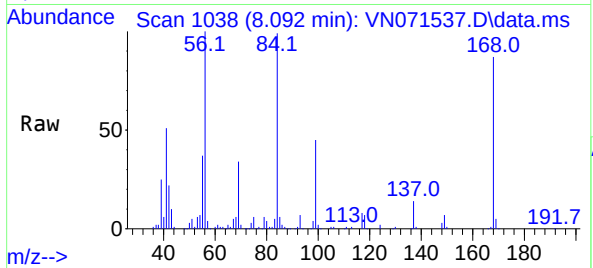
Tgt Ion: 83 Resp: 690215
 Ion Ratio Lower Upper
 83 100
 85 65.1 51.8 77.8





#31
Cyclohexane
Concen: 54.290 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

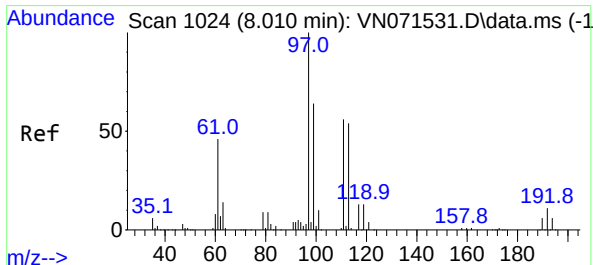
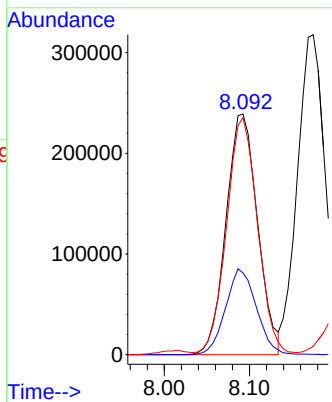
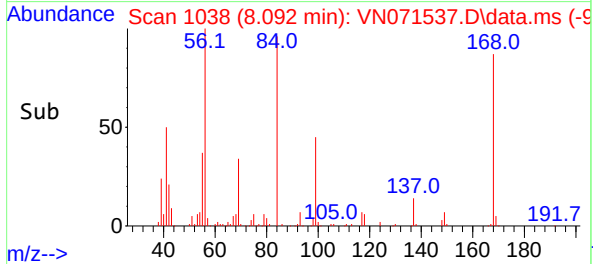
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



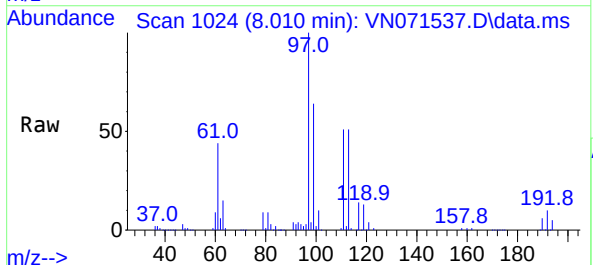
Tgt Ion: 56 Resp: 616399
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.8
84 96.7 76.9 115.3

Manual Integrations
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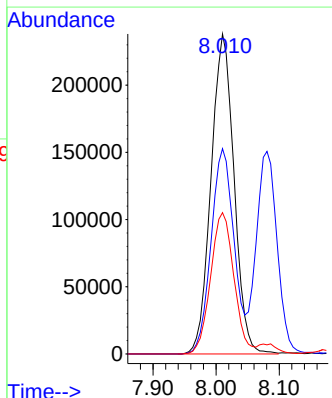
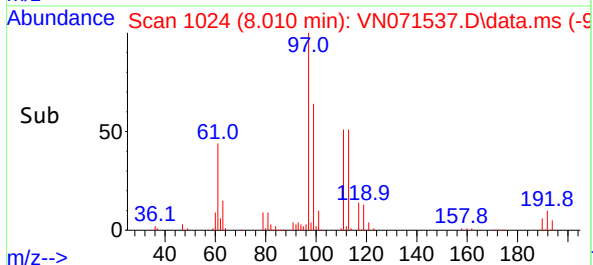
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

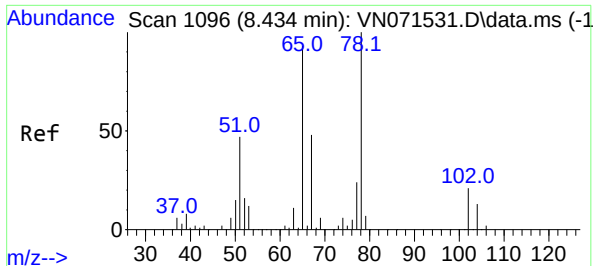


#32
1,1,1-Trichloroethane
Concen: 55.580 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion: 97 Resp: 602306
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 45.0 36.0 54.0





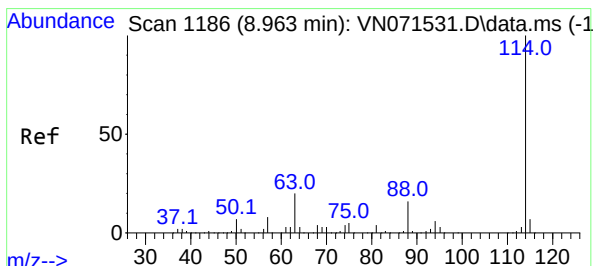
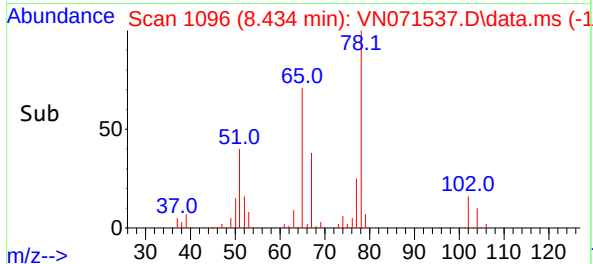
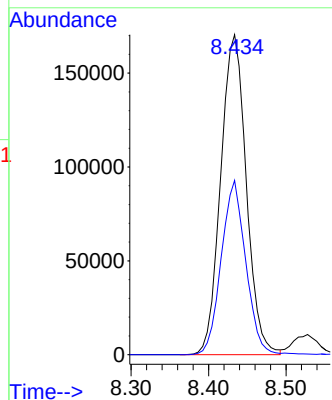
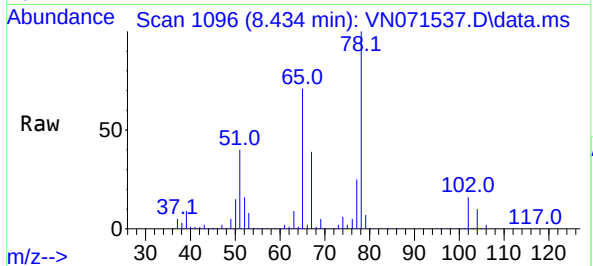
#33
1,2-Dichloroethane-d4
Concen: 49.423 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 392148
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

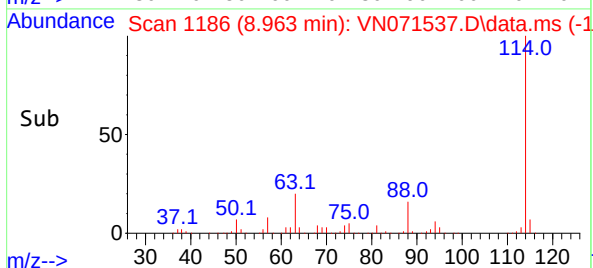
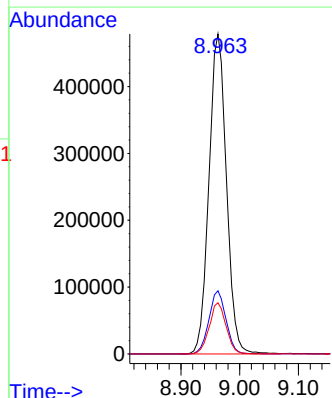
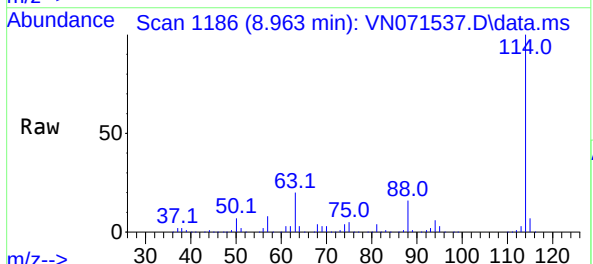
Manual Integrations
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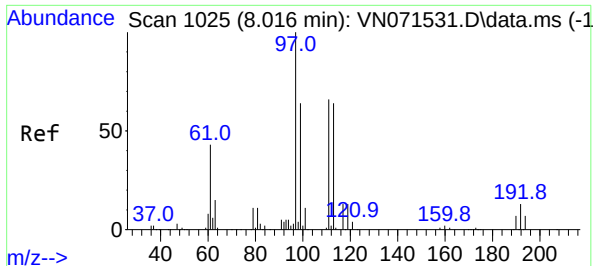
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

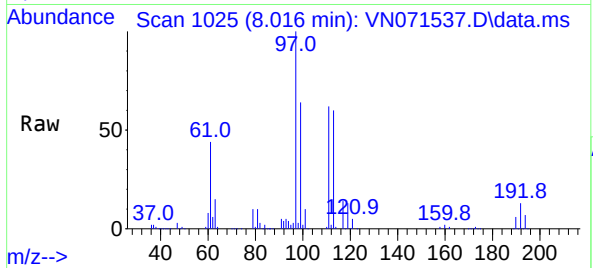
Tgt Ion:114 Resp: 989819
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.261 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

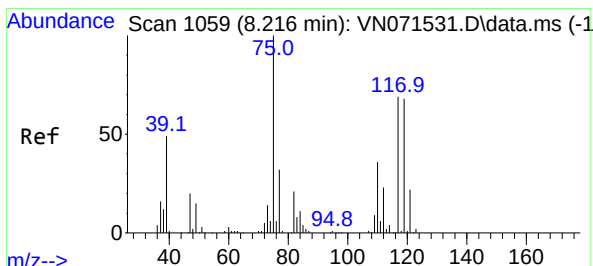
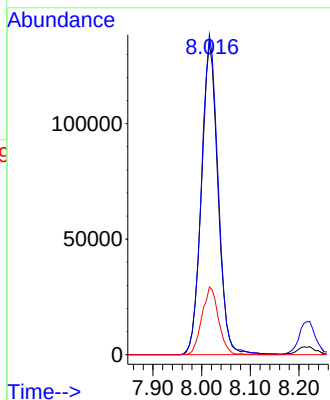
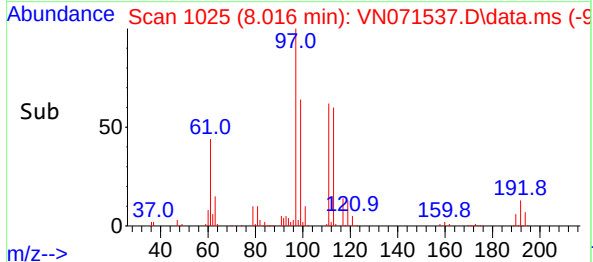
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



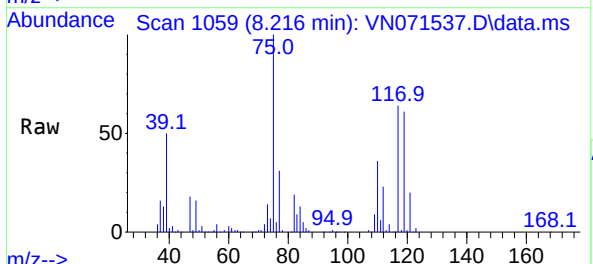
Tgt Ion: 113 Resp: 31887
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 21.7 17.0 25.6

Manual Integrations
APPROVED

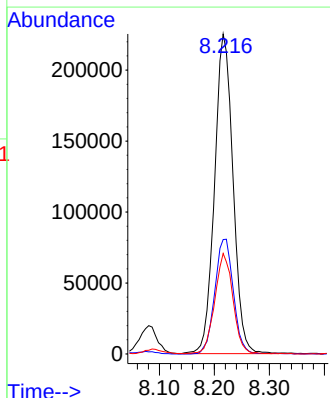
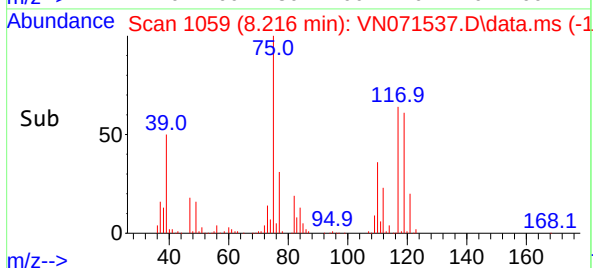
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

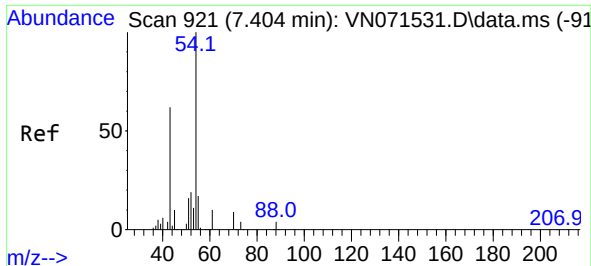


#36
1,1-Dichloropropene
Concen: 58.673 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



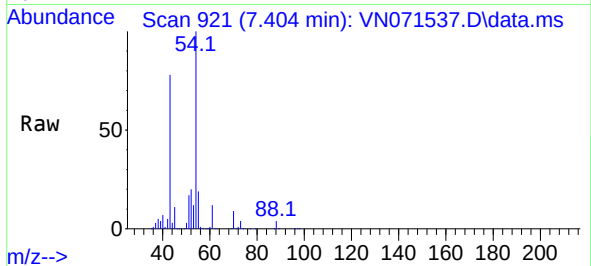
Tgt Ion: 75 Resp: 526245
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.8
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 55.335 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

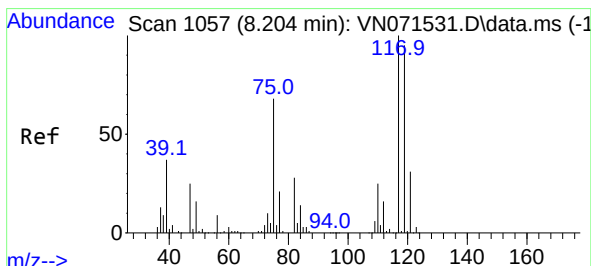
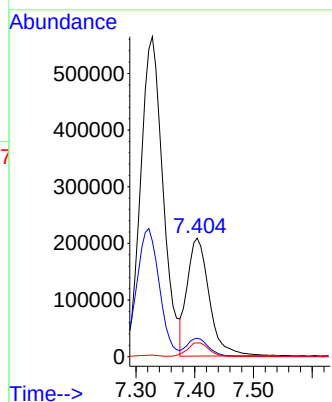
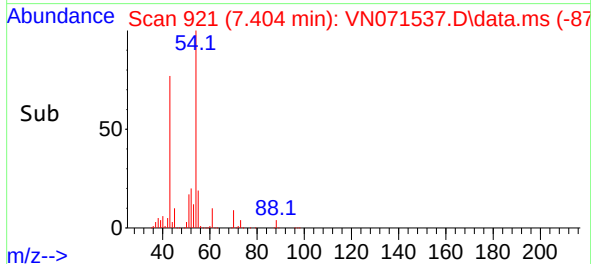
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 540979
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 11.4 9.3 13.9

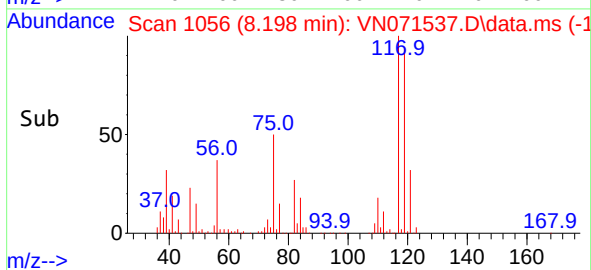
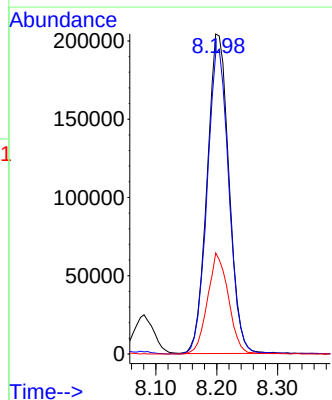
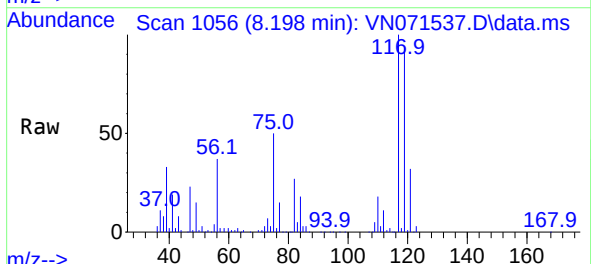
Manual Integrations
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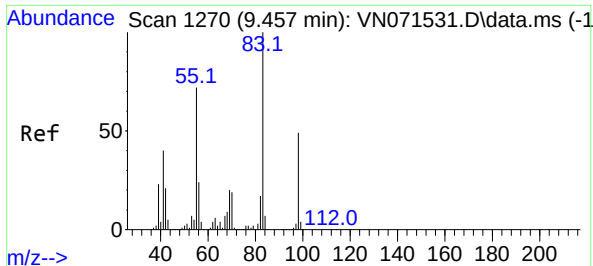
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#38
Carbon Tetrachloride
Concen: 58.411 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

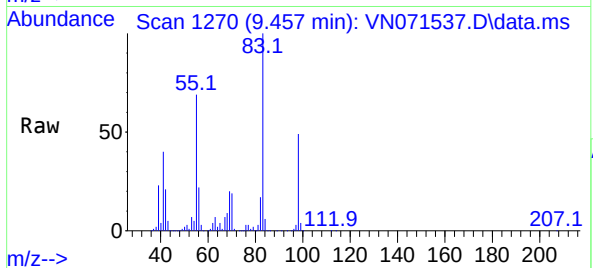
Tgt Ion:117 Resp: 510686
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.8
121 31.6 24.6 37.0





#39
Methylcyclohexane
Concen: 62.353 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

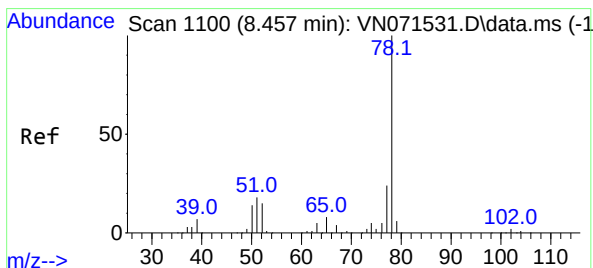
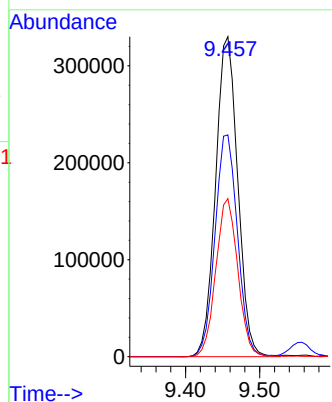
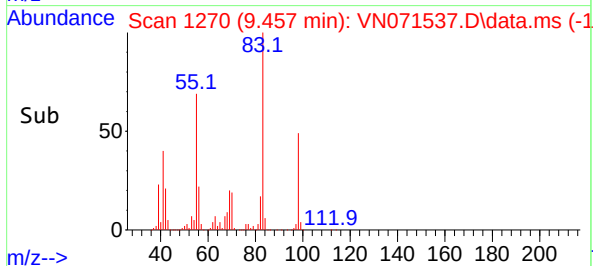
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



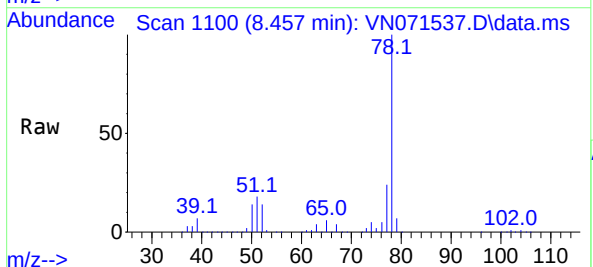
Tgt Ion: 83 Resp: 686110
Ion Ratio Lower Upper
83 100
55 69.3 57.8 86.8
98 49.4 39.4 59.2

Manual Integrations
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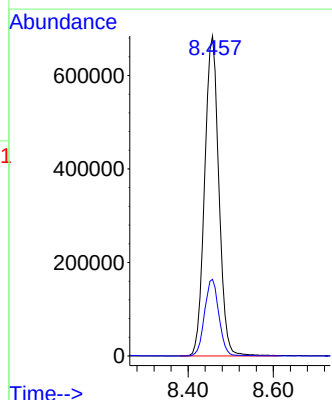
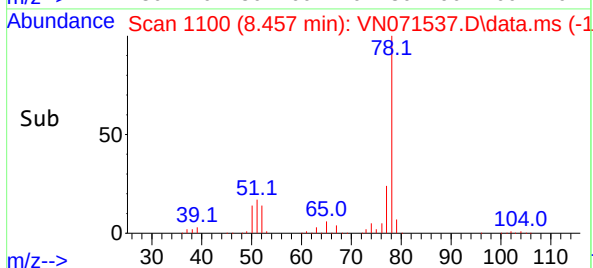
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

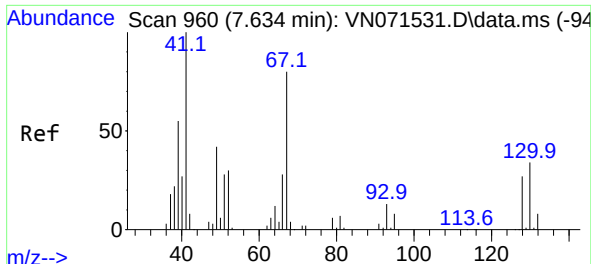


#40
Benzene
Concen: 56.767 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion: 78 Resp: 1584897
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0





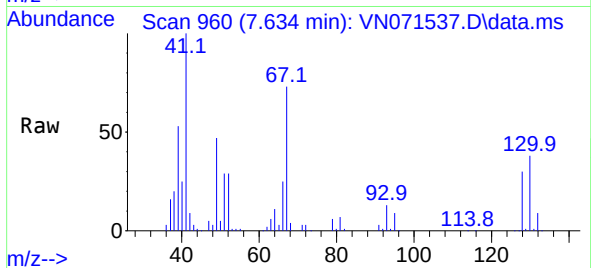
#41
Methacrylonitrile
Concen: 57.726 ug/l
RT: 7.634 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



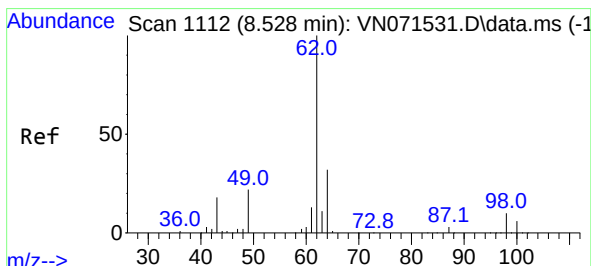
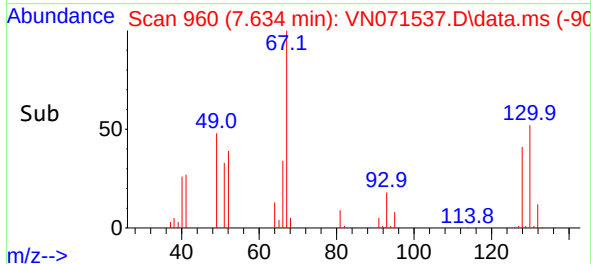
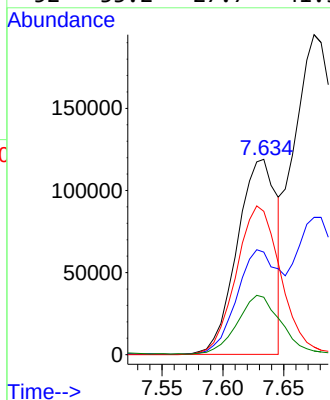
Tgt Ion: 41 Resp: 26793
Ion Ratio Lower Upper
41 100
39 59.9 48.6 73.0
67 87.2 73.4 110.2
52 33.2 27.7 41.5

Manual Integrations

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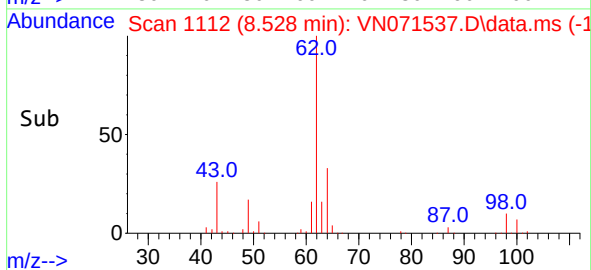
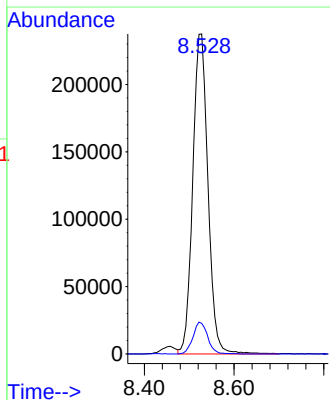
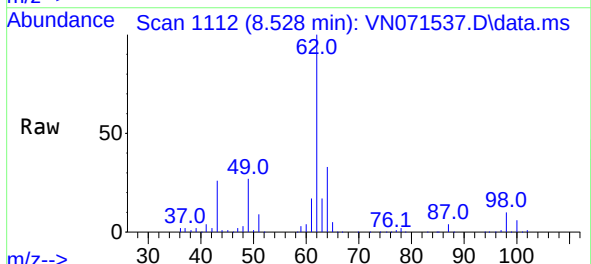
Reviewed By :John Carlone 03/26/2022

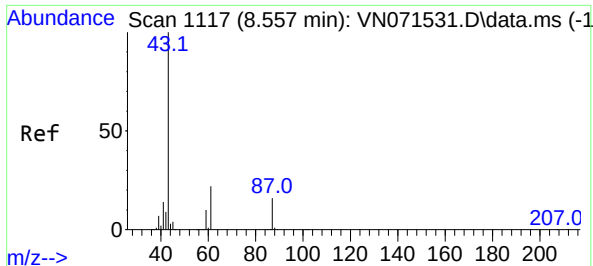
Supervised By :Mahesh Dadoda 03/28/2022



#42
1,2-Dichloroethane
Concen: 57.291 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

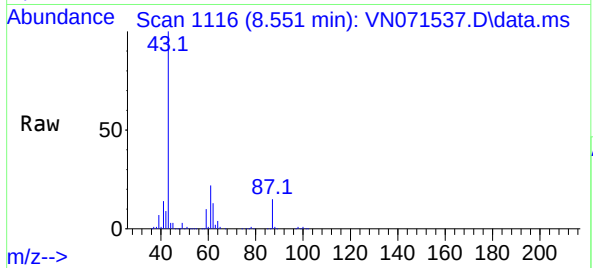
Tgt Ion: 62 Resp: 557918
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 54.556 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

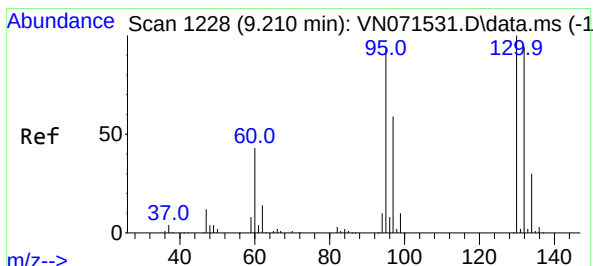
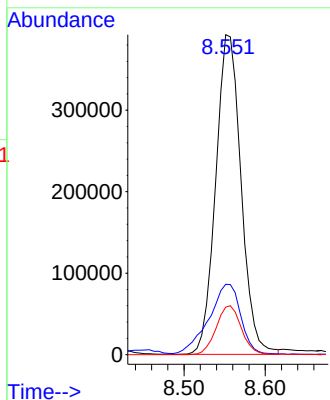
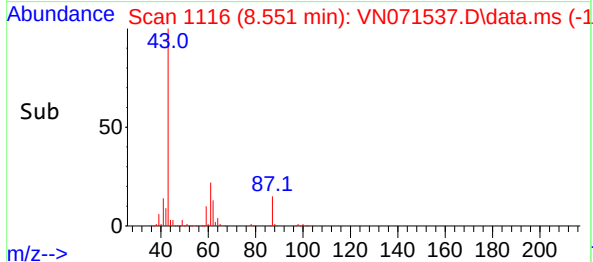
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



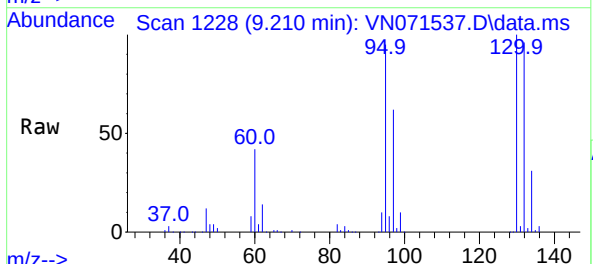
Tgt Ion: 43 Resp: 852030
Ion Ratio Lower Upper
43 100
61 27.8 21.9 32.9
87 15.3 12.0 18.0

Manual Integrations
APPROVED

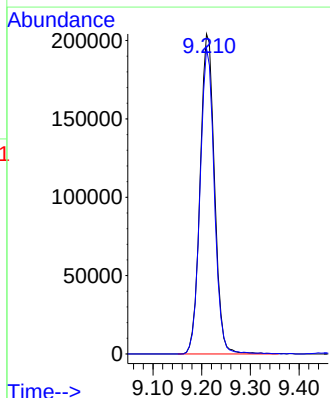
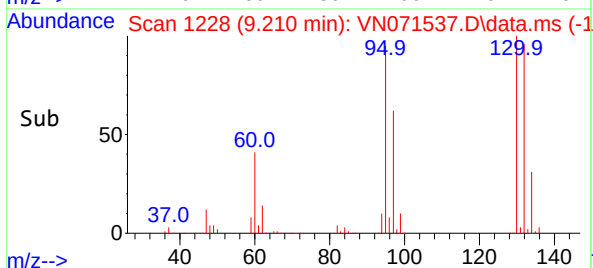
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

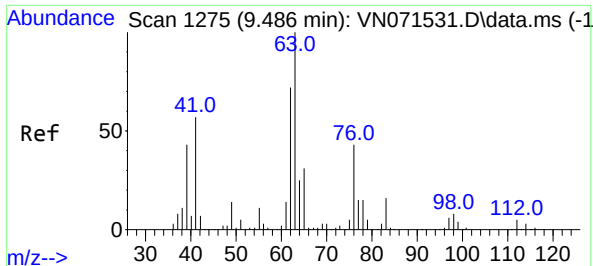


#44
Trichloroethene
Concen: 57.831 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion:130 Resp: 419110
Ion Ratio Lower Upper
130 100
95 95.5 0.0 186.8





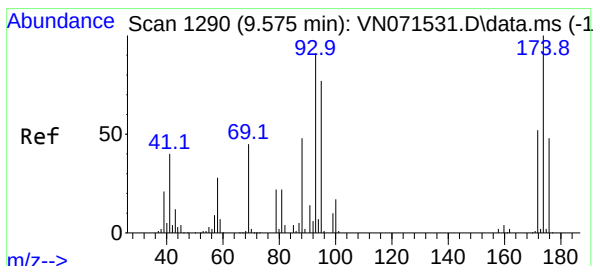
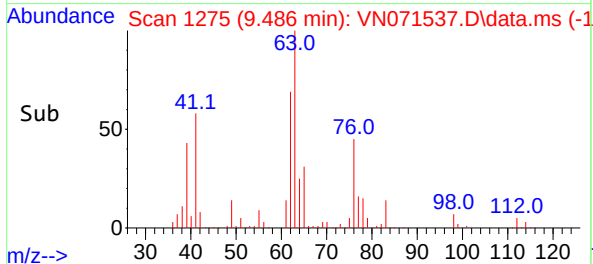
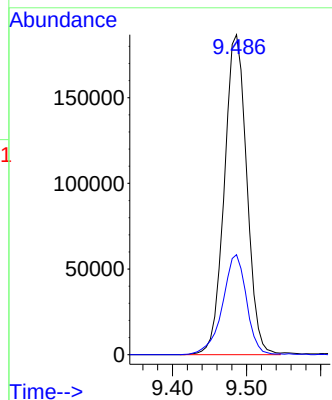
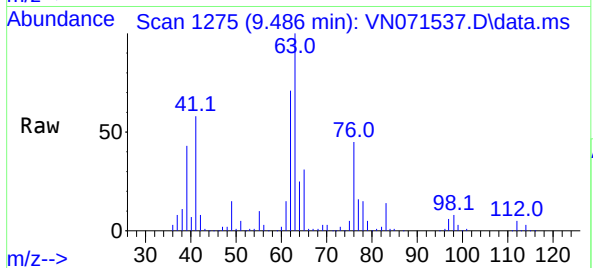
#45
1,2-Dichloropropane
Concen: 56.804 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 392850
Ion Ratio Lower Upper
63 100
65 31.2 24.9 37.3

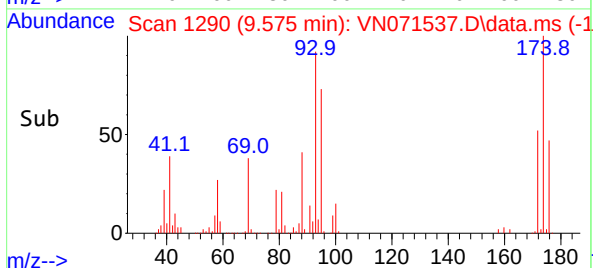
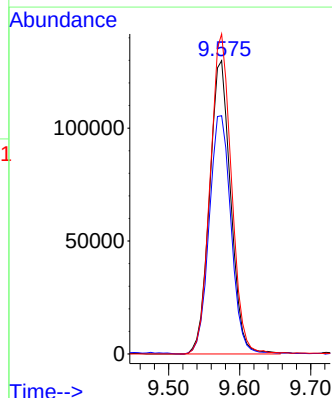
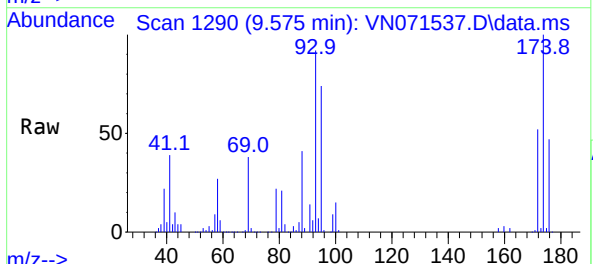
Manual Integrations
APPROVED

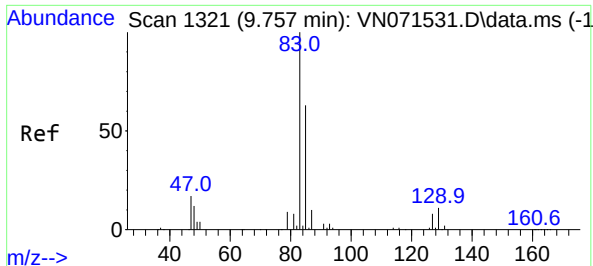
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#46
Dibromomethane
Concen: 57.037 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

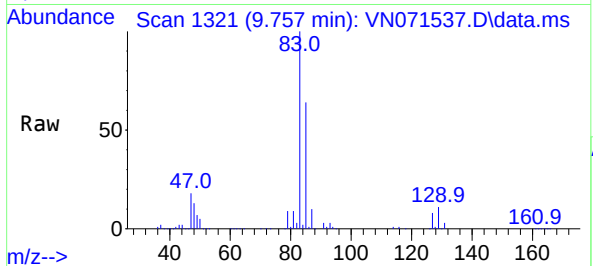
Tgt Ion: 93 Resp: 268477
Ion Ratio Lower Upper
93 100
95 84.1 66.9 100.3
174 109.6 86.6 130.0





#47
Bromodichloromethane
Concen: 58.562 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

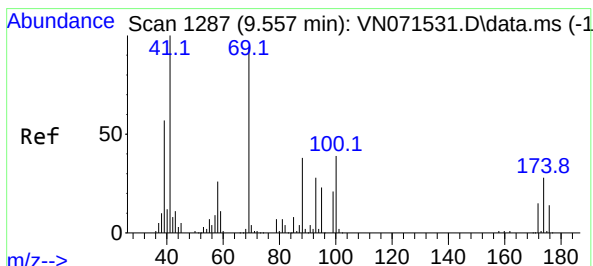
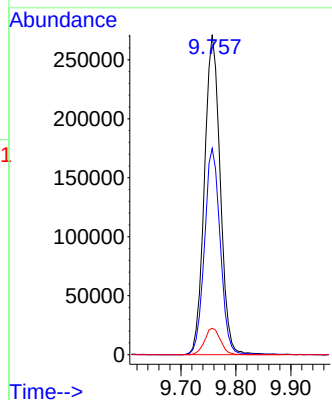
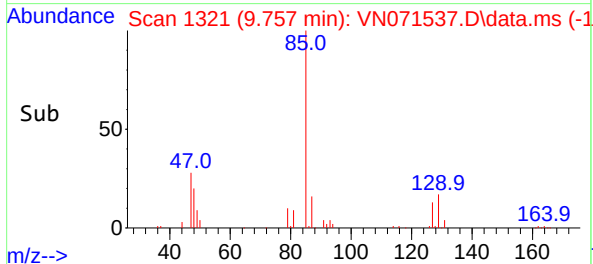
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



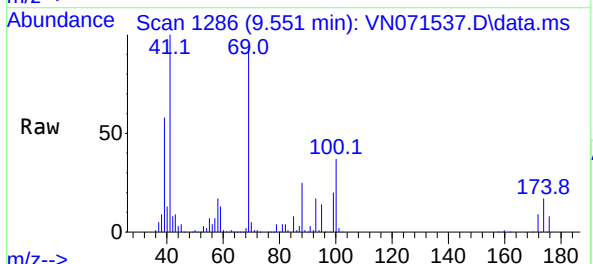
Tgt Ion: 83 Resp: 54029
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
APPROVED

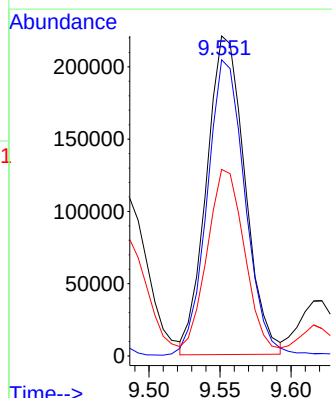
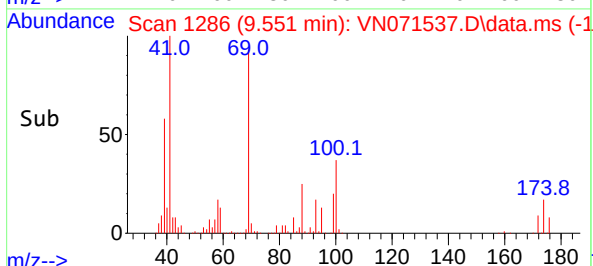
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

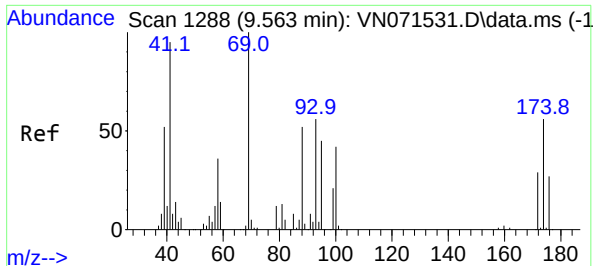


#48
Methyl methacrylate
Concen: 58.903 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



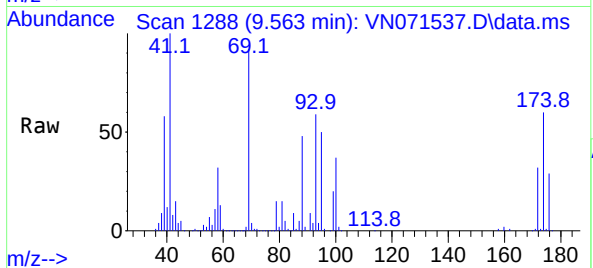
Tgt Ion: 41 Resp: 415729
Ion Ratio Lower Upper
41 100
69 91.6 74.7 112.1
39 57.9 45.6 68.4





#49
1,4-Dioxane
Concen: 1079.339 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

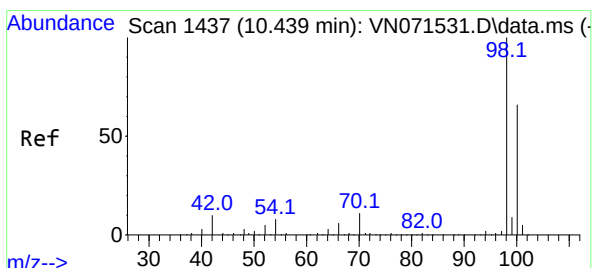
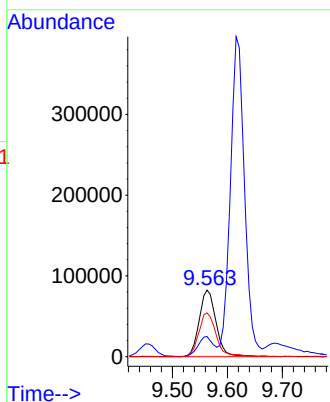
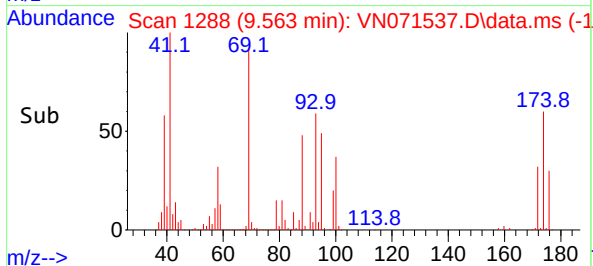
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



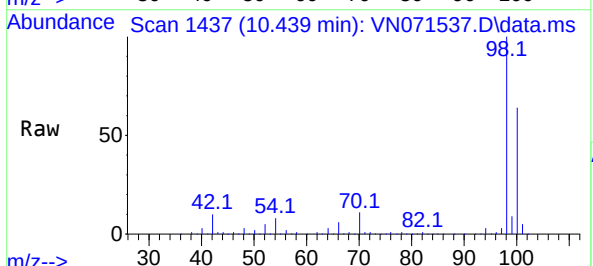
Tgt Ion: 88 Resp: 175778
Ion Ratio Lower Upper
88 100
43 27.3 20.2 30.4
58 67.8 54.2 81.4

Manual Integrations
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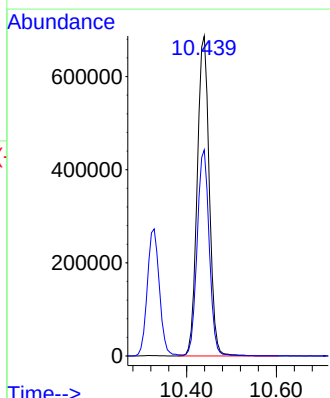
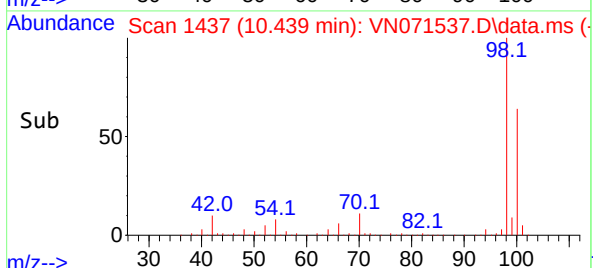
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

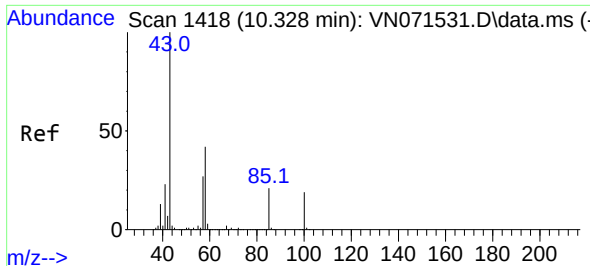


#50
Toluene-d8
Concen: 51.001 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



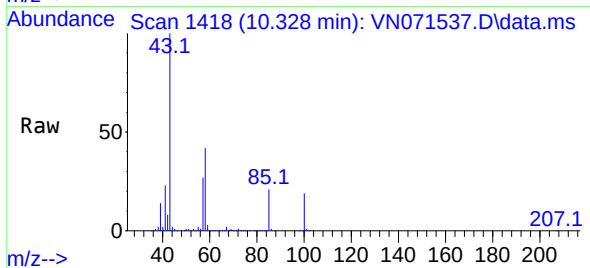
Tgt Ion: 98 Resp: 1279676
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 276.983 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

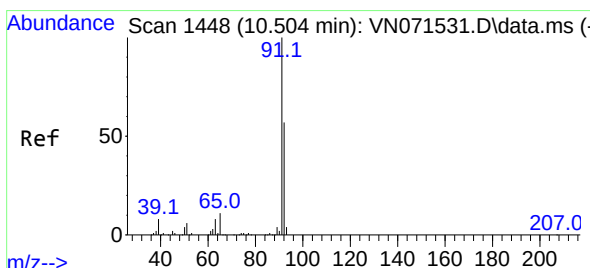
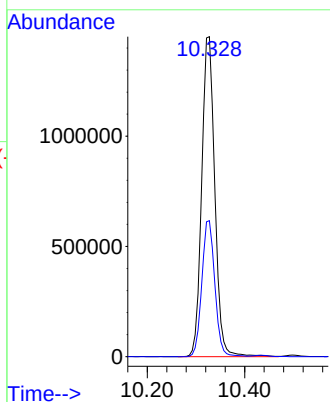
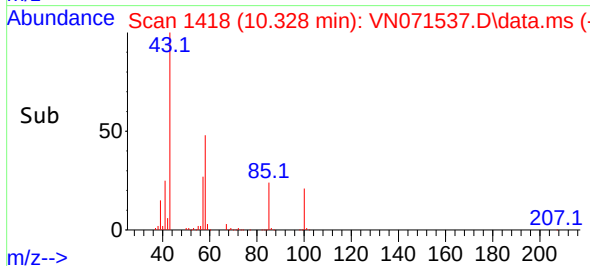
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



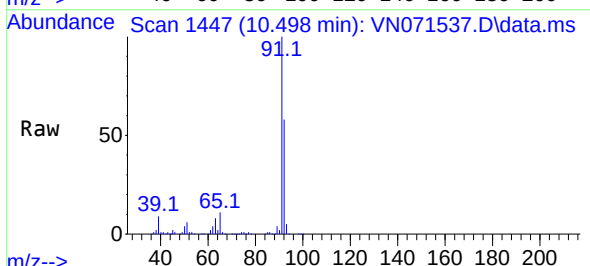
Tgt Ion: 43 Resp: 271102
Ion Ratio Lower Upper
43 100
58 42.2 34.1 51.1

Manual Integrations
APPROVED

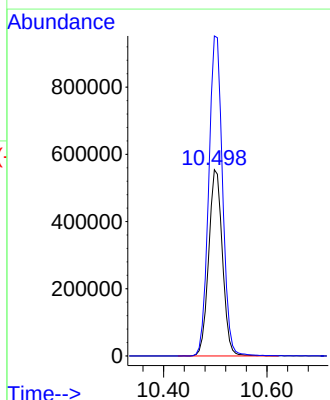
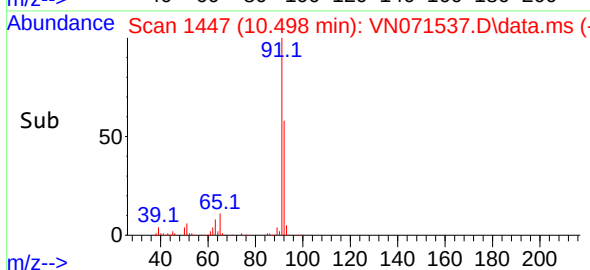
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

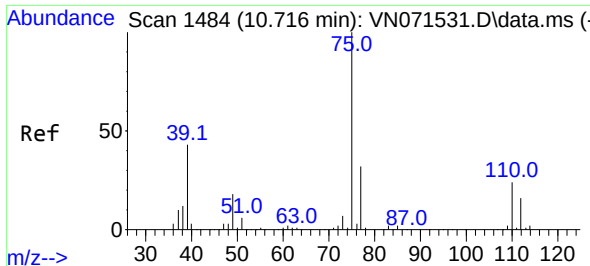


#52
Toluene
Concen: 58.518 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



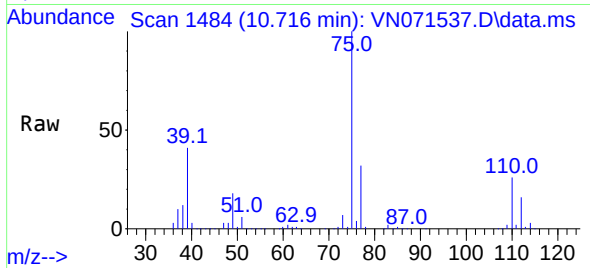
Tgt Ion: 92 Resp: 1022551
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 61.443 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

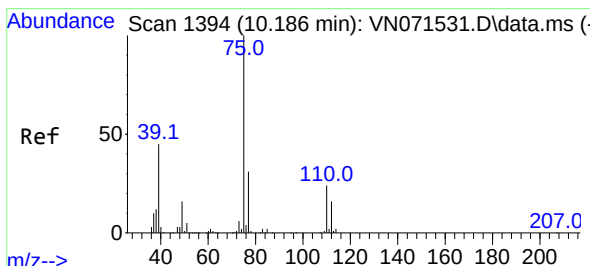
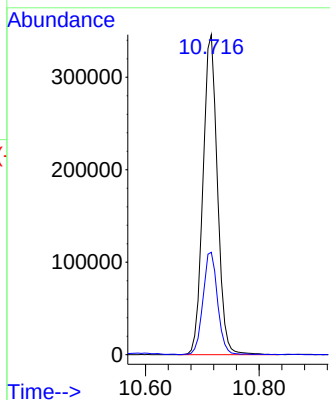
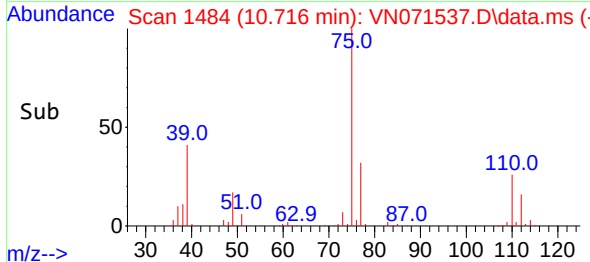
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



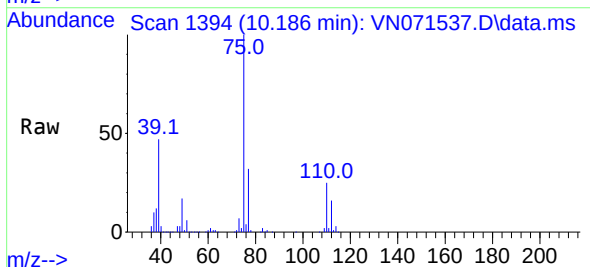
Tgt Ion: 75 Resp: 609548
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations
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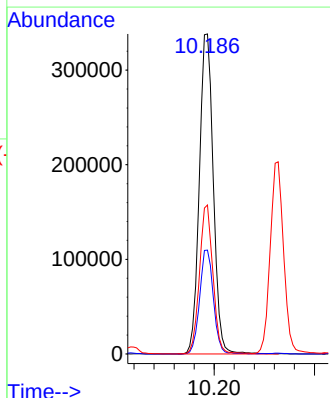
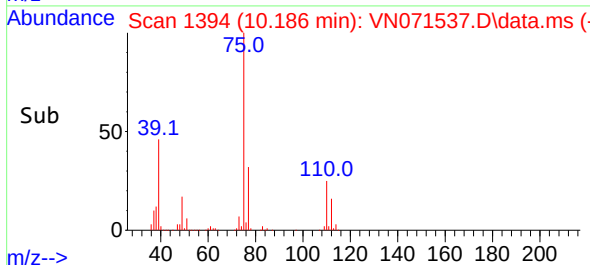
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

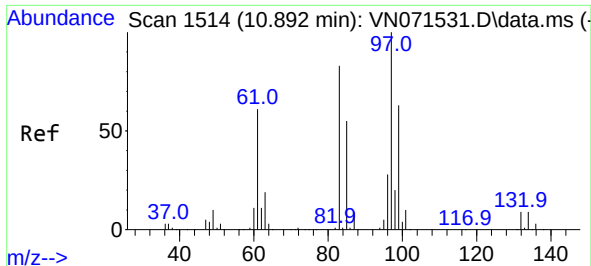


#54
cis-1,3-Dichloropropene
Concen: 59.969 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



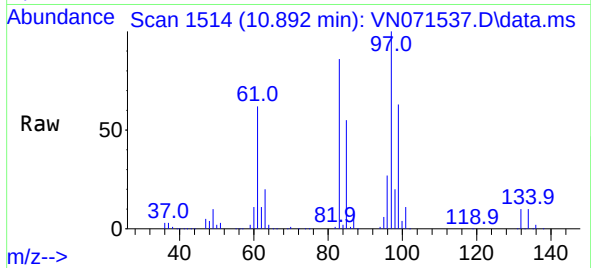
Tgt Ion: 75 Resp: 656066
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 46.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 56.054 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

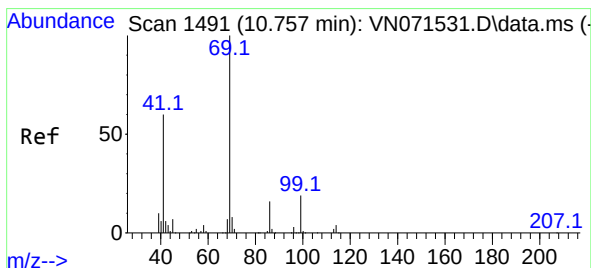
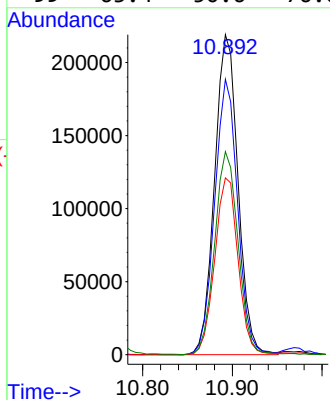
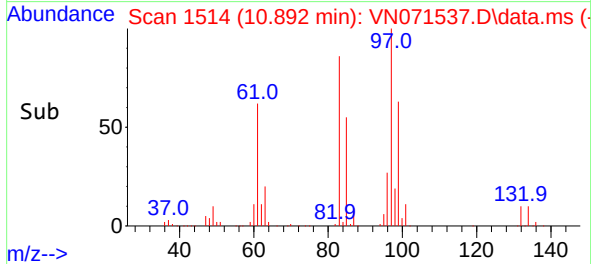
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



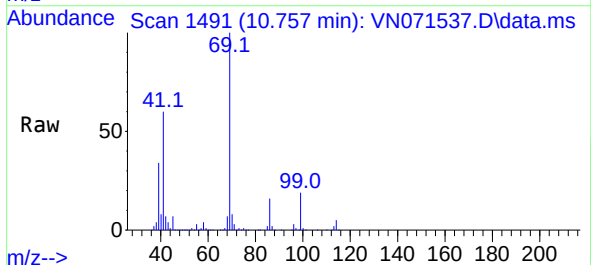
Tgt Ion: 97 Resp: 397094
Ion Ratio Lower Upper
97 100
83 86.1 66.2 99.4
85 55.3 43.9 65.9
99 63.4 50.6 76.0

Manual Integrations
APPROVED

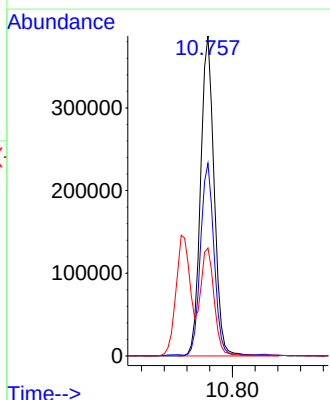
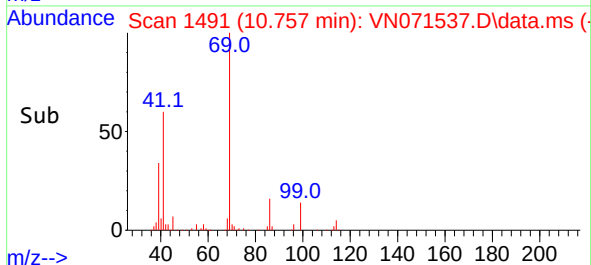
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

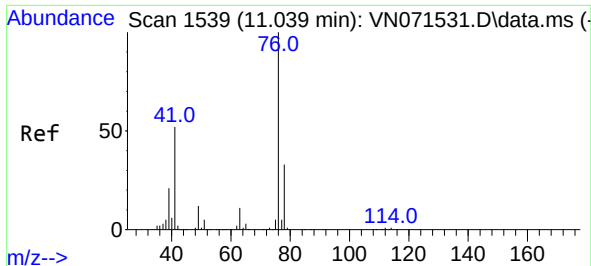


#56
Ethyl methacrylate
Concen: 59.990 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



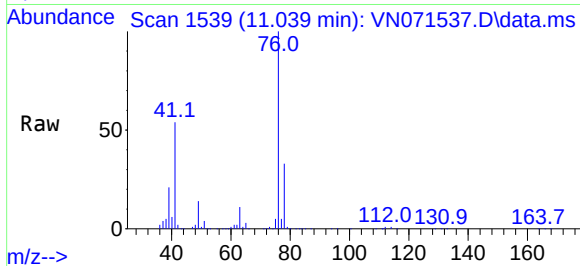
Tgt Ion: 69 Resp: 640616
Ion Ratio Lower Upper
69 100
41 59.7 47.8 71.6
39 34.0 27.3 40.9





#57
1,3-Dichloropropane
Concen: 57.843 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

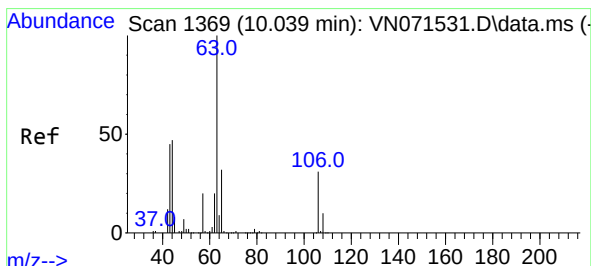
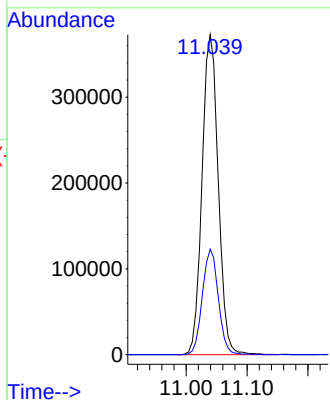
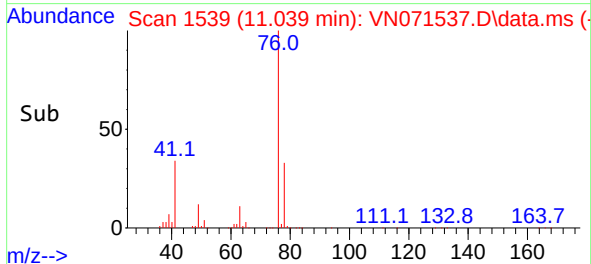
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



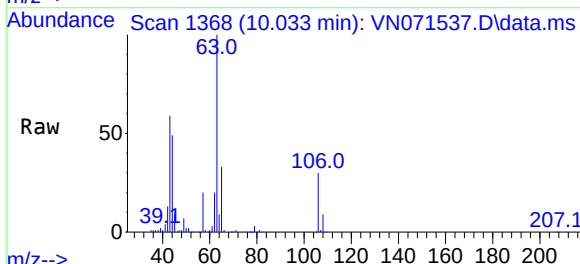
Tgt Ion: 76 Resp: 68946
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
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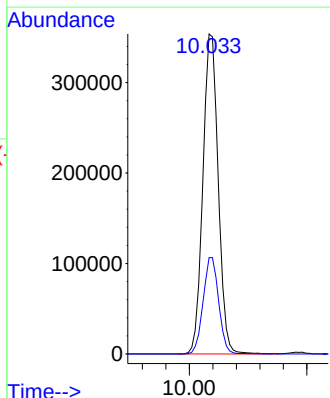
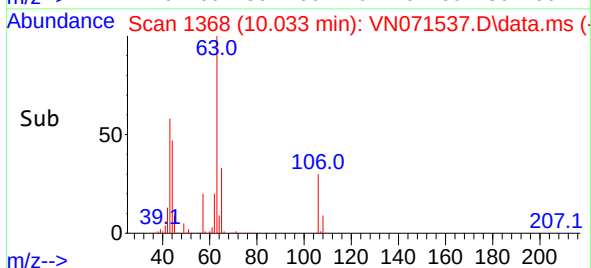
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

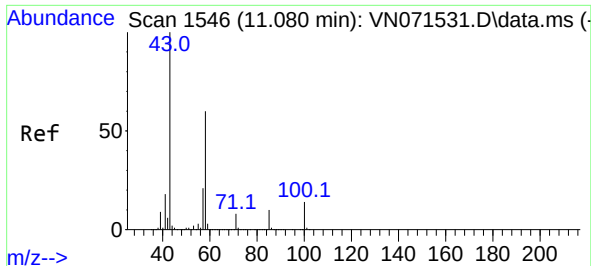


#58
2-Chloroethyl Vinyl ether
Concen: 194.279 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



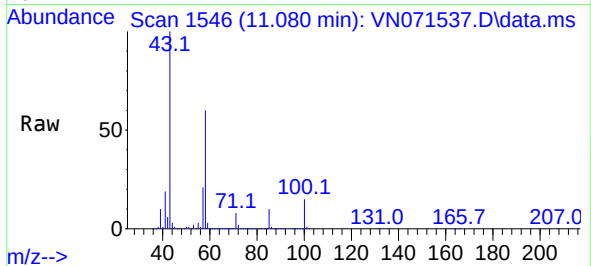
Tgt Ion: 63 Resp: 639768
Ion Ratio Lower Upper
63 100
106 30.4 24.6 36.8





#59
2-Hexanone
Concen: 291.237 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

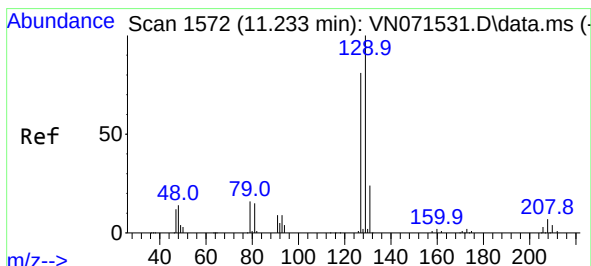
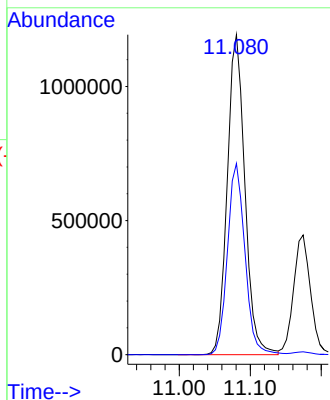
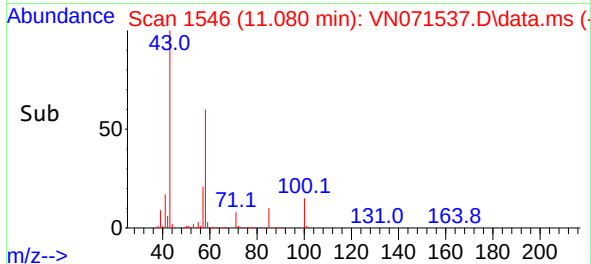
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 2054950
Ion Ratio Lower Upper
43 100
58 59.4 29.7 89.1

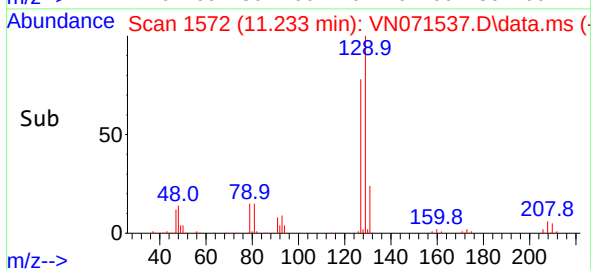
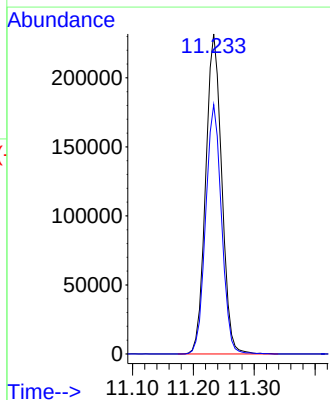
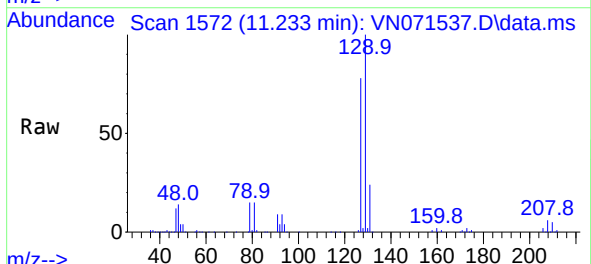
Manual Integrations
APPROVED

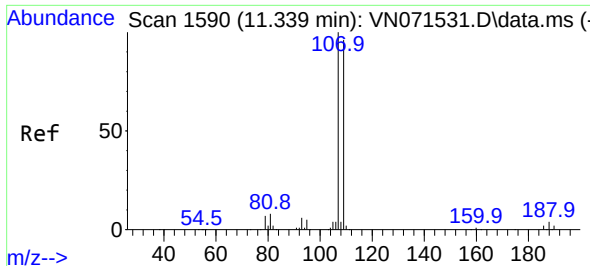
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#60
Dibromochloromethane
Concen: 59.368 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

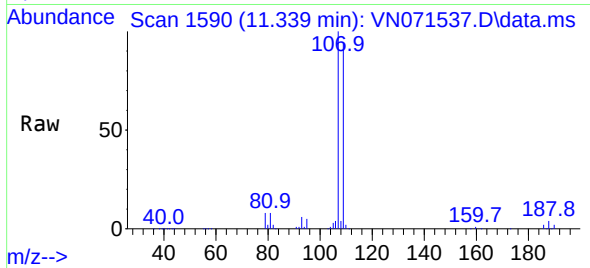
Tgt Ion:129 Resp: 424200
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 58.586 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

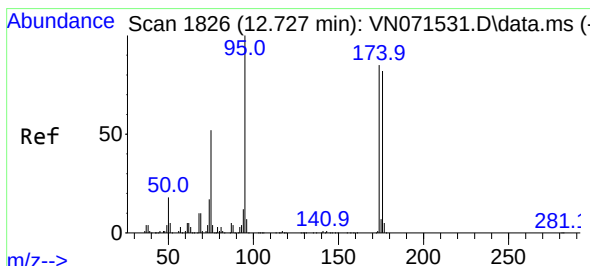
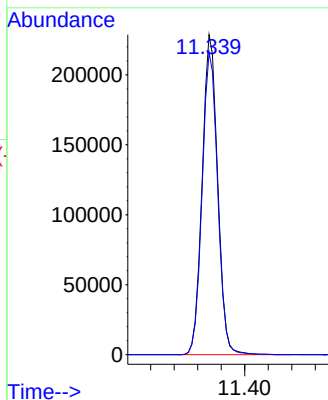
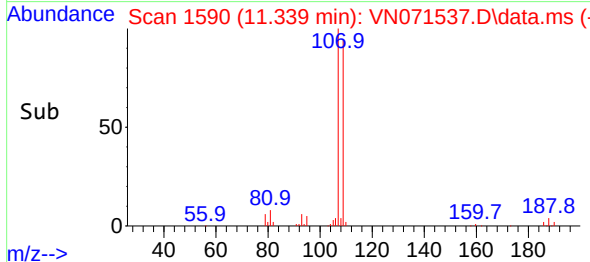
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



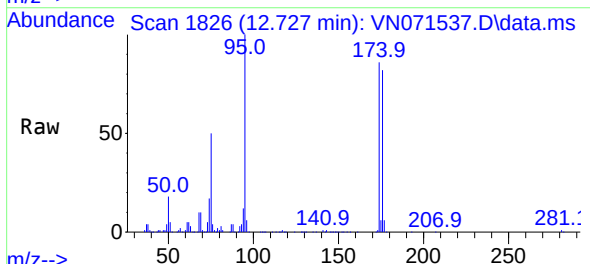
Tgt Ion:107 Resp: 418728
Ion Ratio Lower Upper
107 100
109 94.9 75.0 112.6

Manual Integrations
APPROVED

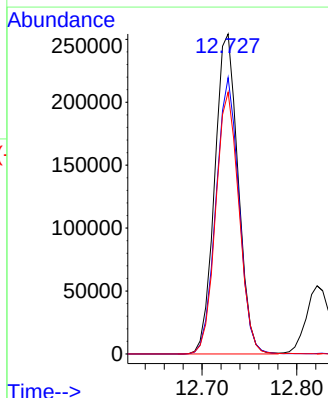
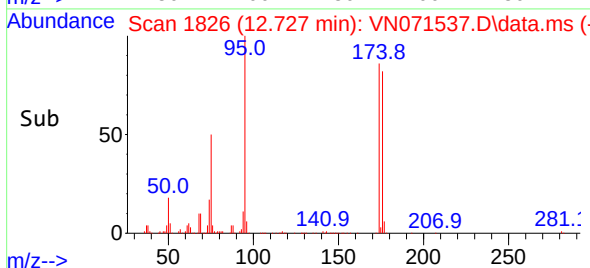
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

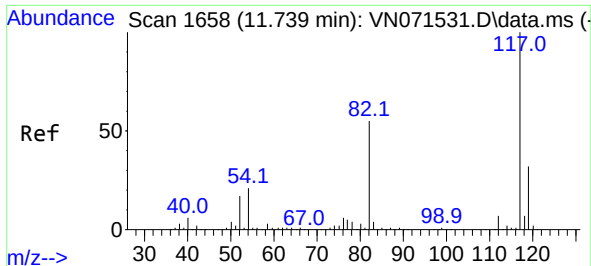


#62
4-Bromofluorobenzene
Concen: 53.154 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



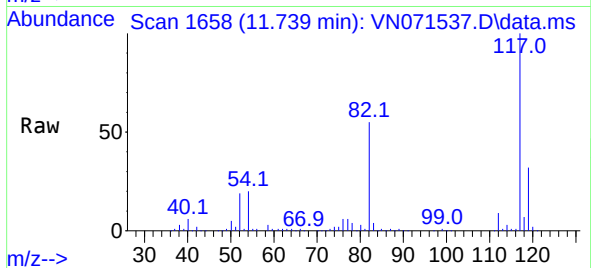
Tgt Ion: 95 Resp: 437006
Ion Ratio Lower Upper
95 100
174 84.7 0.0 167.6
176 81.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

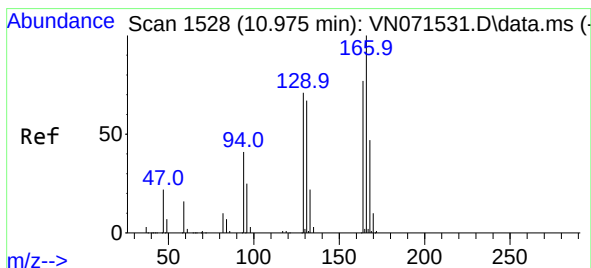
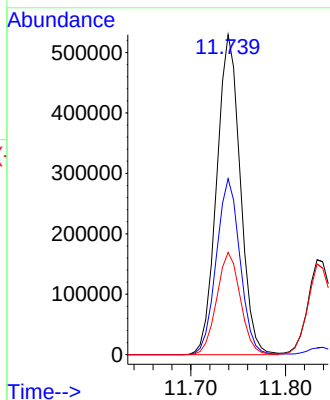
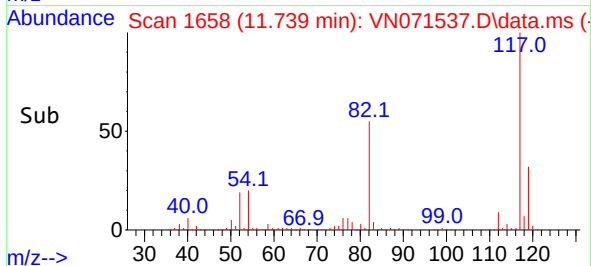
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



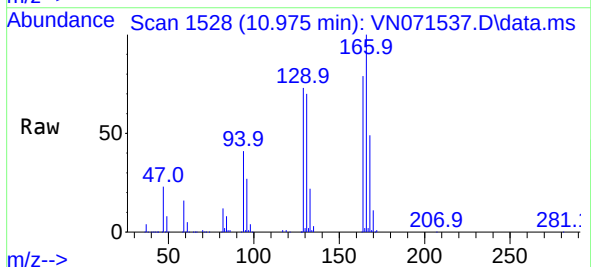
Tgt Ion:117 Resp: 916069
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations
APPROVED

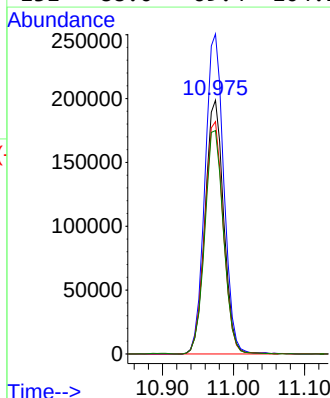
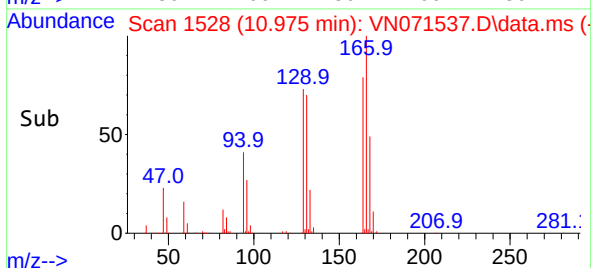
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

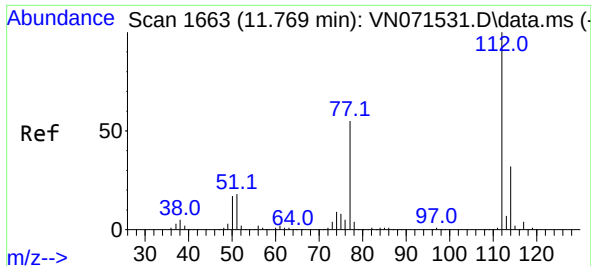


#64
Tetrachloroethene
Concen: 57.071 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



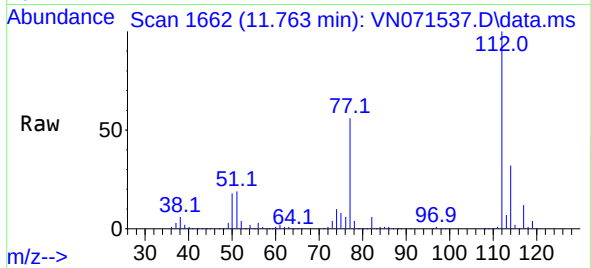
Tgt Ion:164 Resp: 361368
Ion Ratio Lower Upper
164 100
166 126.1 104.2 156.2
129 91.6 73.9 110.9
131 88.0 69.4 104.2





#65
Chlorobenzene
Concen: 56.901 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

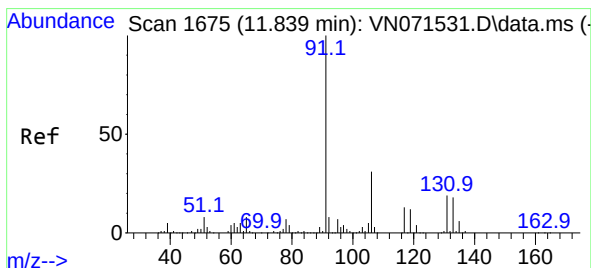
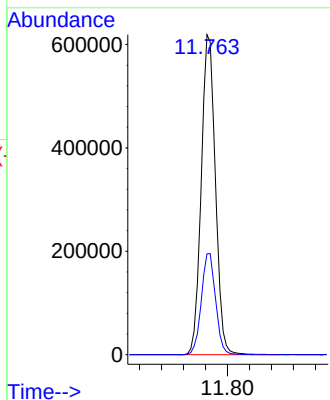
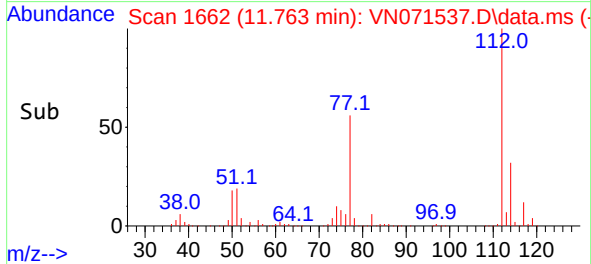
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 1105904
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

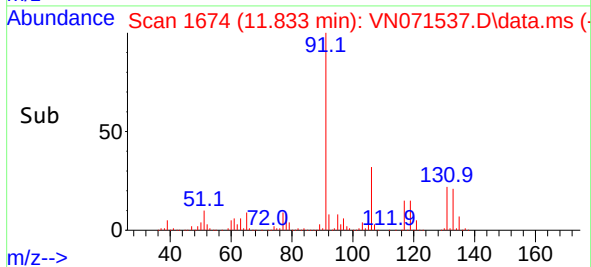
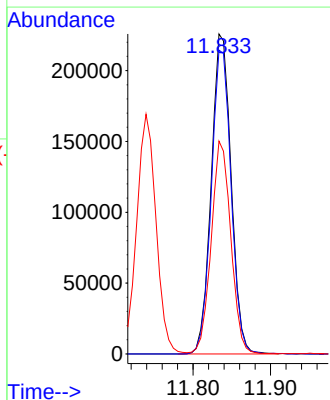
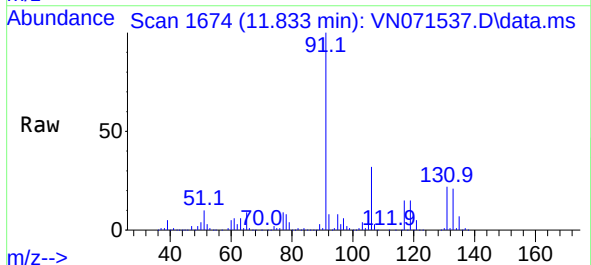
Manual Integrations
APPROVED

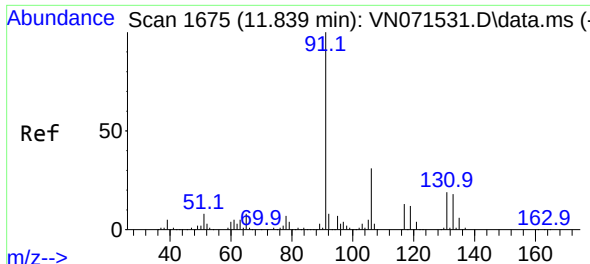
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 58.385 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

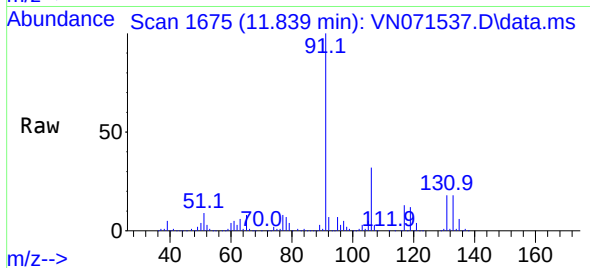
Tgt Ion:131 Resp: 401428
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 65.6 33.4 100.2





#67
Ethyl Benzene
Concen: 59.213 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

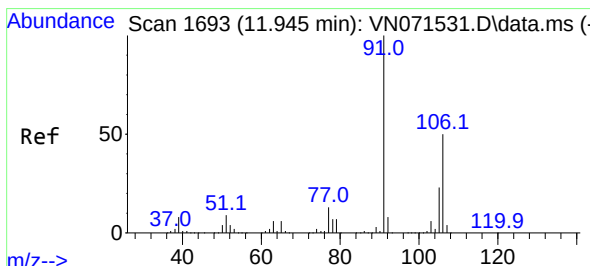
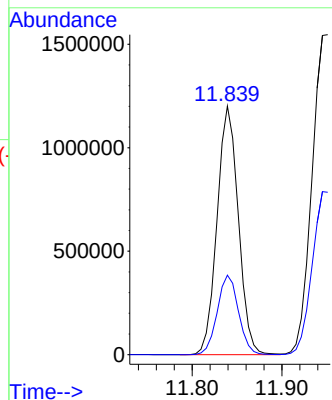
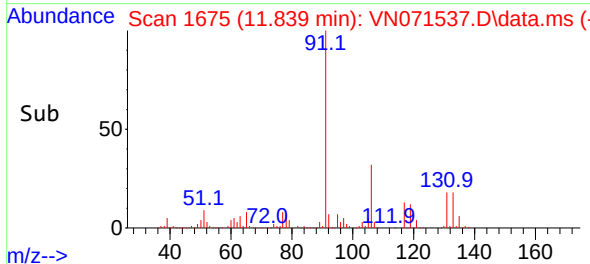
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



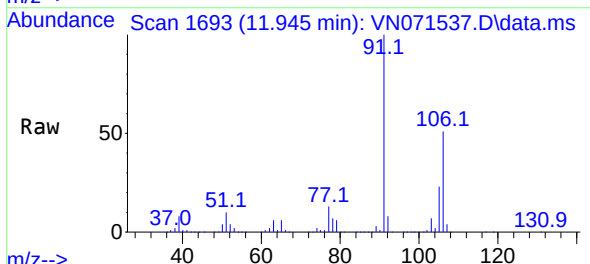
Tgt Ion: 91 Resp: 197574
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
APPROVED

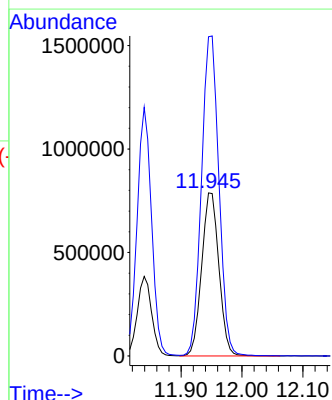
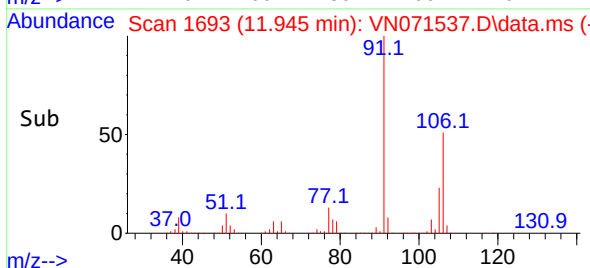
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

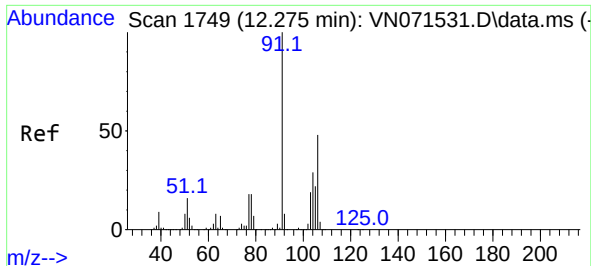


#68
m/p-Xylenes
Concen: 121.097 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion:106 Resp: 1546078
Ion Ratio Lower Upper
106 100
91 198.2 158.9 238.3





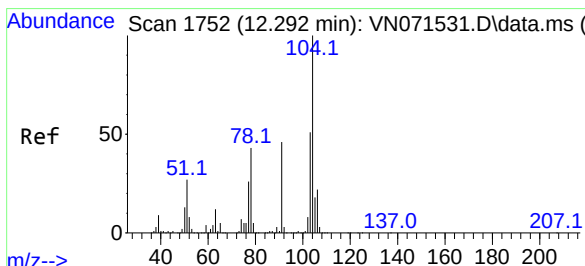
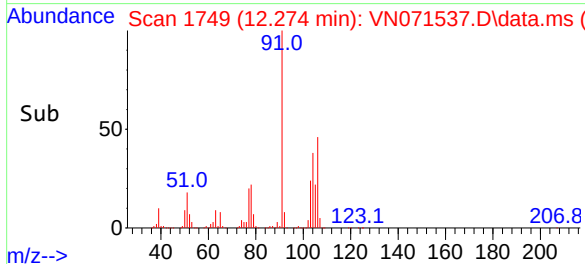
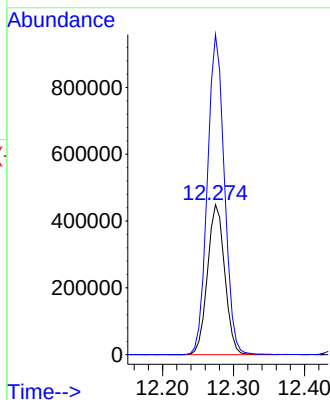
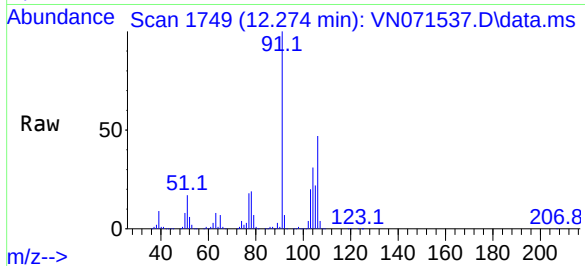
#69
o-Xylene
Concen: 59.794 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 758400
Ion Ratio Lower Upper
106 100
91 210.2 106.0 318.0

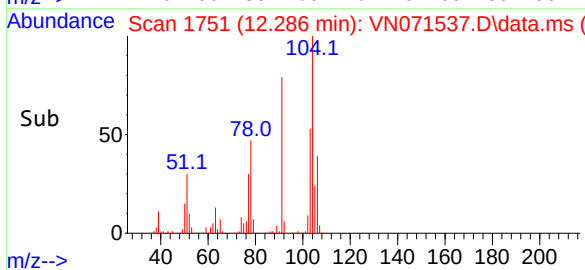
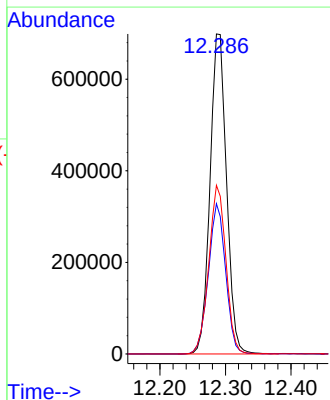
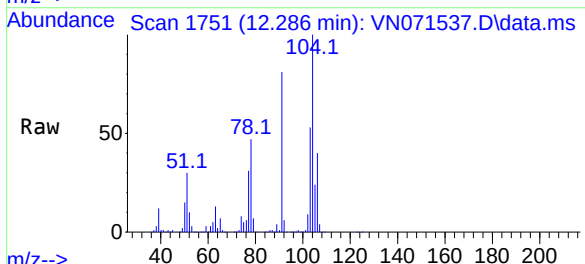
Manual Integrations
APPROVED

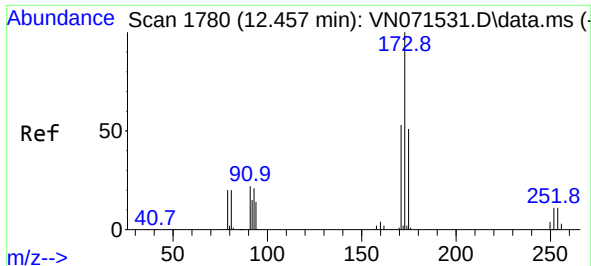
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#70
Styrene
Concen: 61.775 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

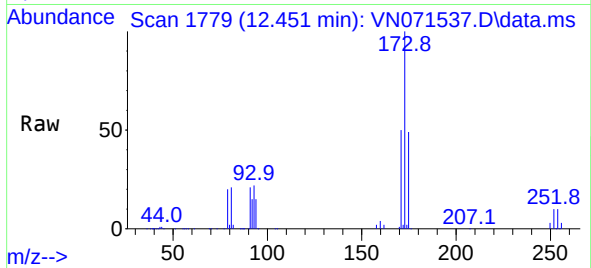
Tgt Ion:104 Resp: 1221645
Ion Ratio Lower Upper
104 100
78 49.1 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 60.540 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

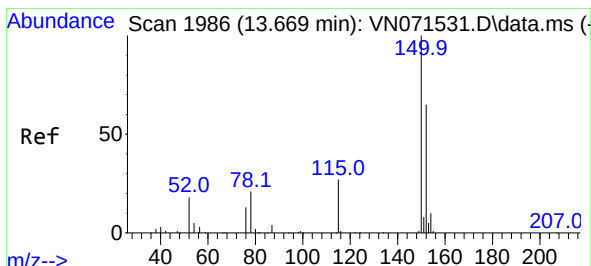
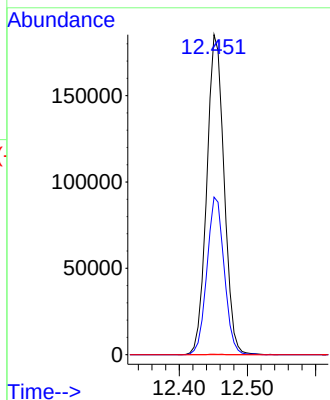
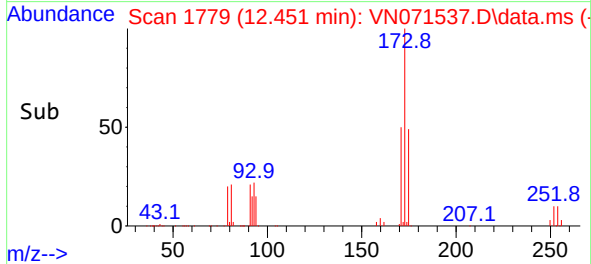
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



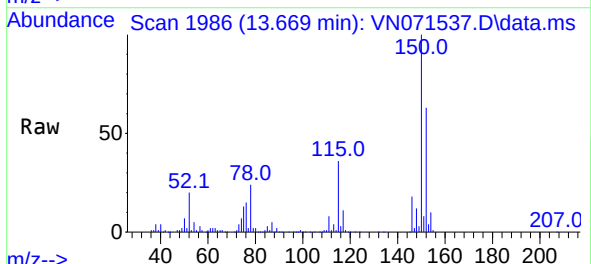
Tgt Ion:173 Resp: 327385
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

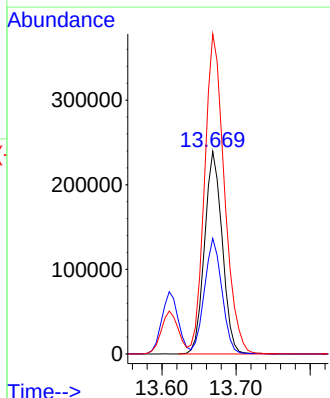
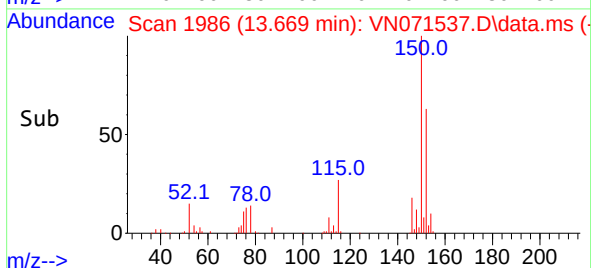
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

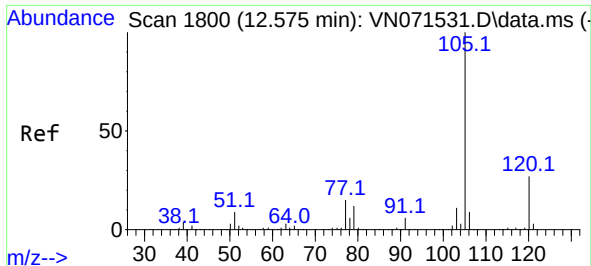


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion:152 Resp: 396124
Ion Ratio Lower Upper
152 100
115 56.5 28.9 86.7
150 177.6 0.0 356.2





#73
Isopropylbenzene
Concen: 55.506 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

Instrument :

MSVOA_N

ClientSampleId :

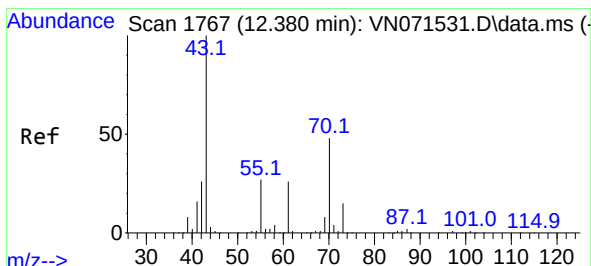
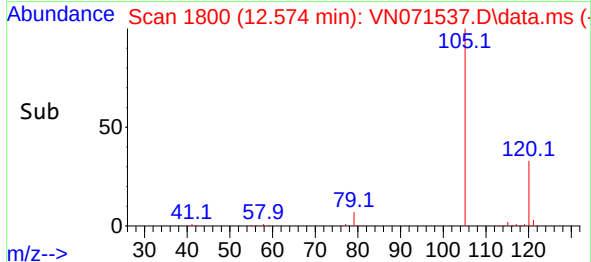
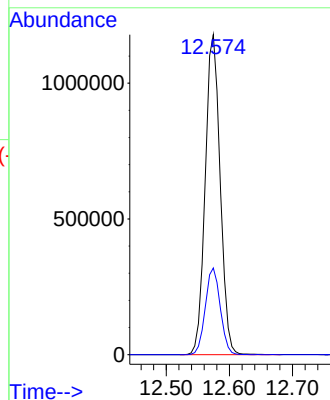
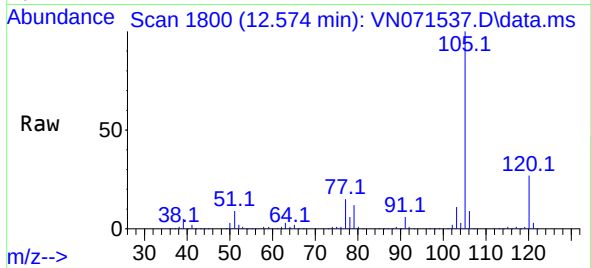
VSTDCCC050

Tgt Ion:105 Resp: 193847
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations

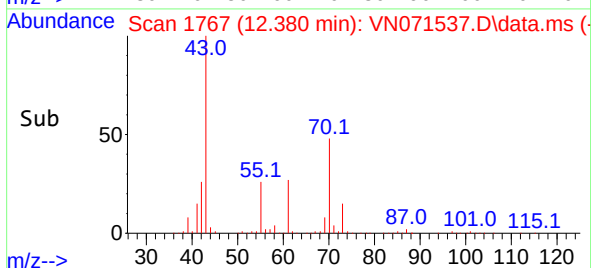
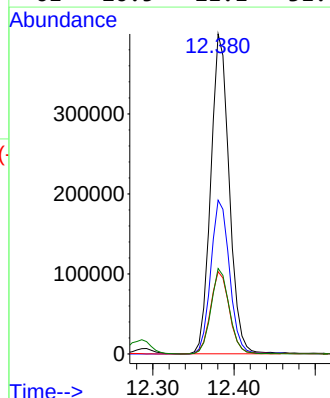
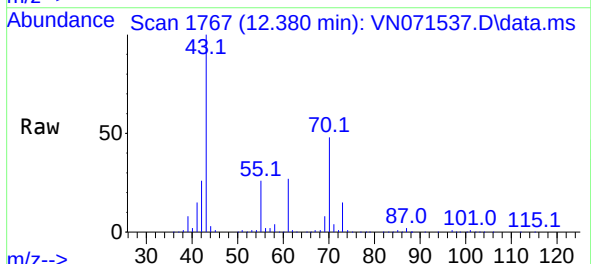
APPROVED

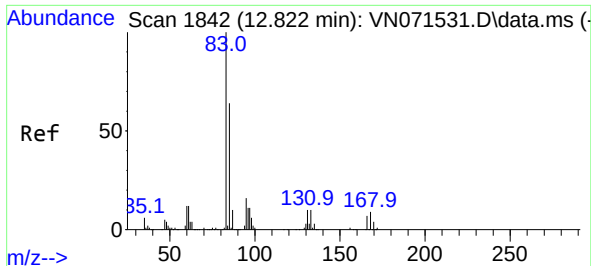
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#74
N-ethyl acetate
Concen: 56.122 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

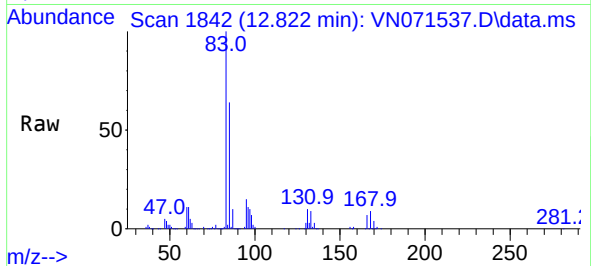
Tgt Ion: 43 Resp: 629990
Ion Ratio Lower Upper
43 100
70 48.8 39.0 58.4
55 26.5 21.1 31.7
61 26.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 58.814 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

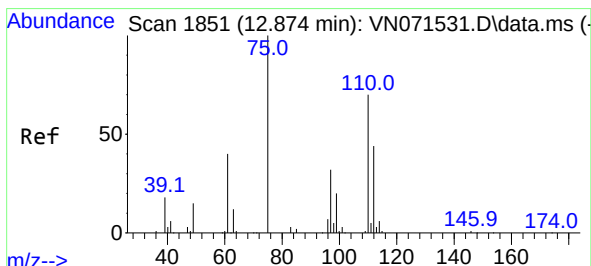
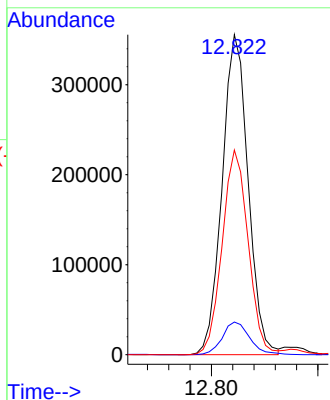
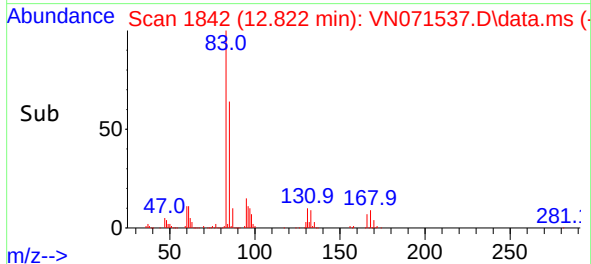
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



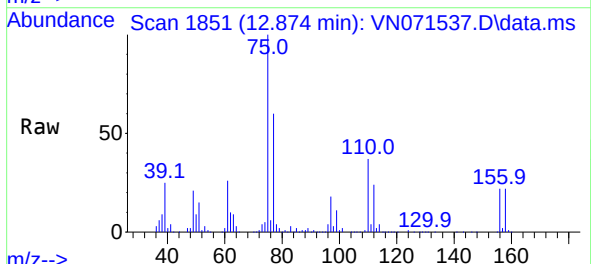
Tgt Ion: 83 Resp: 602298
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 63.9 32.3 96.9

Manual Integrations
APPROVED

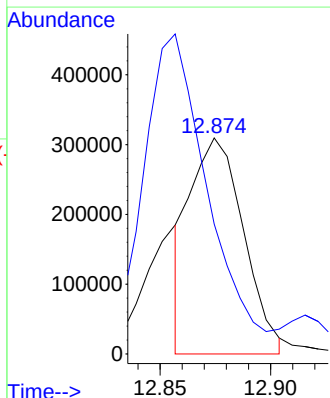
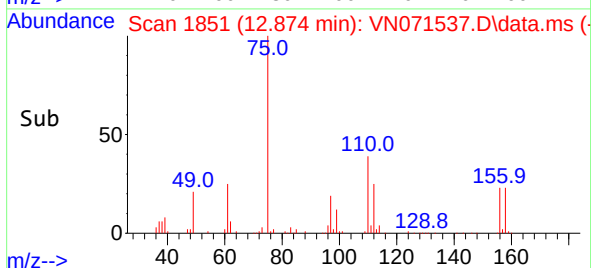
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

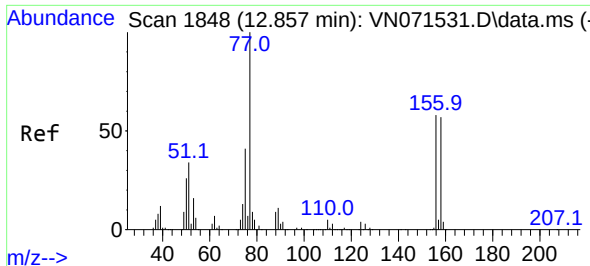


#76
1,2,3-Trichloropropane
Concen: 58.871 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



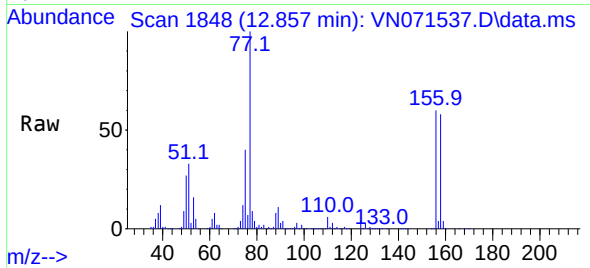
Tgt Ion: 75 Resp: 520016
Ion Ratio Lower Upper
75 100
77 178.8 98.5 295.5





#77
Bromobenzene
Concen: 53.577 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

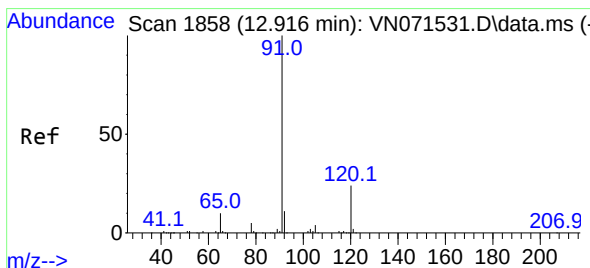
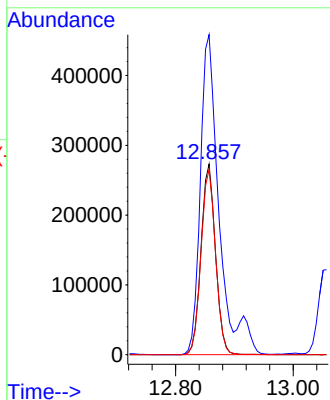
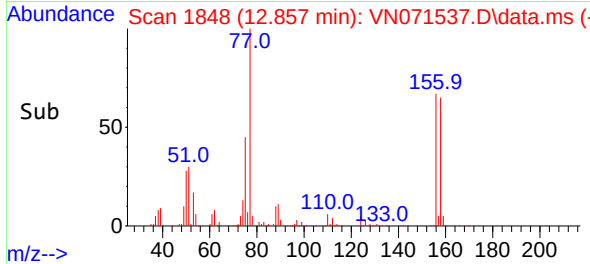
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



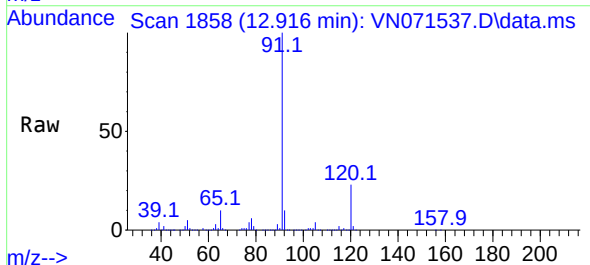
Tgt Ion:156 Resp: 466304
Ion Ratio Lower Upper
156 100
77 199.3 100.5 301.5
158 97.4 48.9 146.6

Manual Integrations
APPROVED

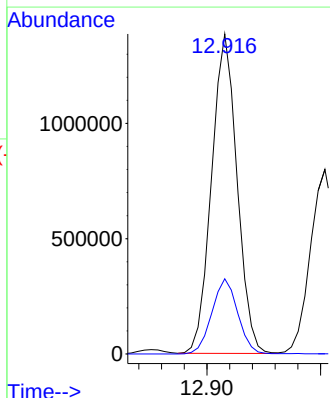
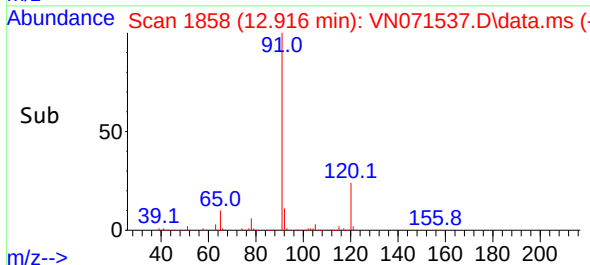
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

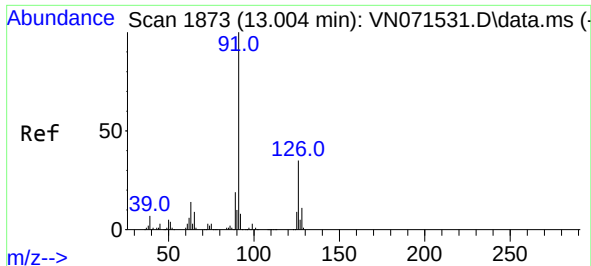


#78
n-propylbenzene
Concen: 58.162 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion: 91 Resp: 2161088
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5





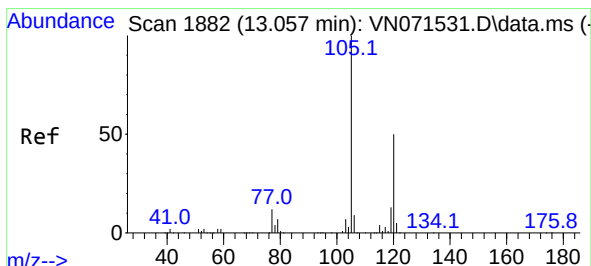
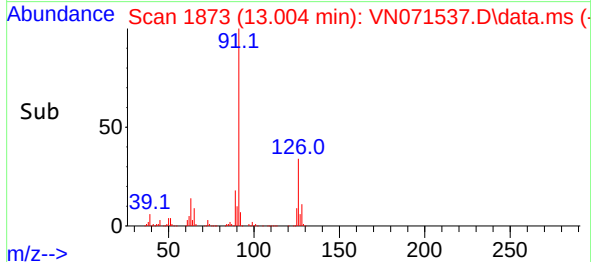
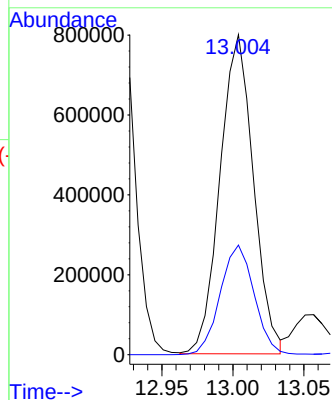
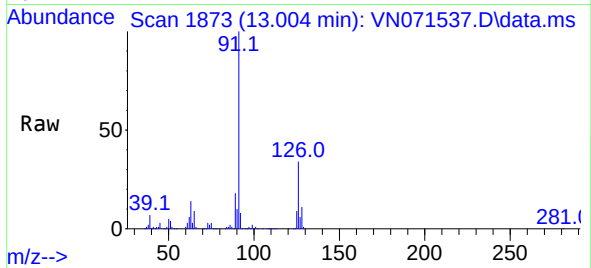
#79
2-Chlorotoluene
Concen: 54.527 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 130734
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.9

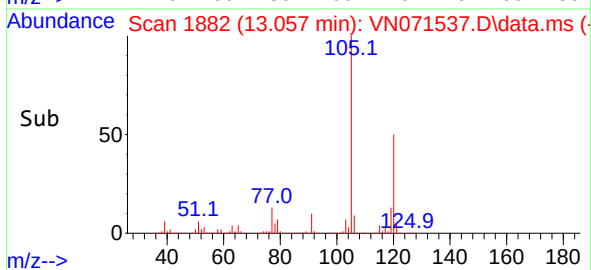
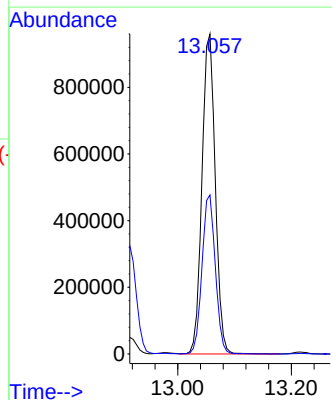
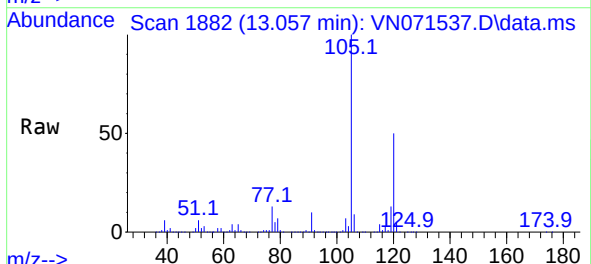
Manual Integrations
APPROVED

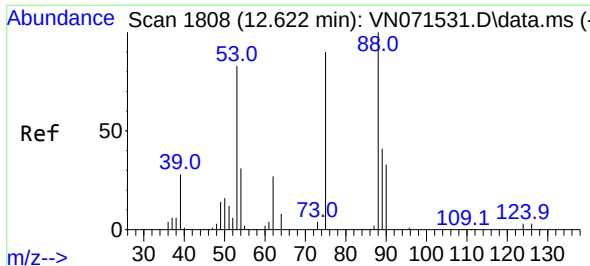
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 56.439 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

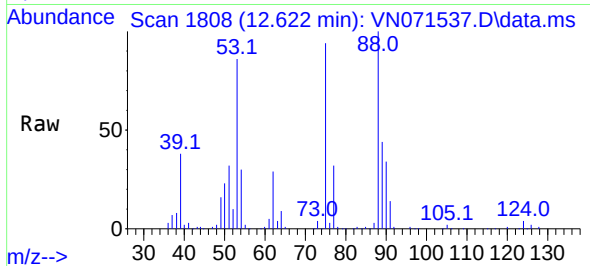
Tgt Ion:105 Resp: 1555913
Ion Ratio Lower Upper
105 100
120 50.0 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 56.889 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

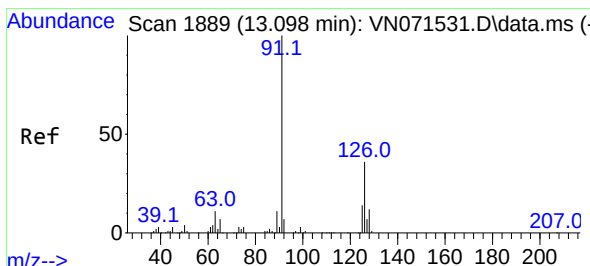
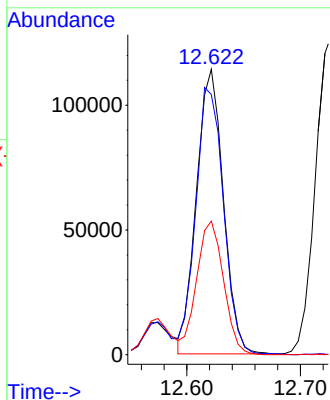
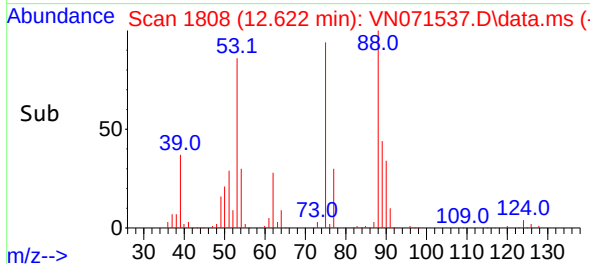
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



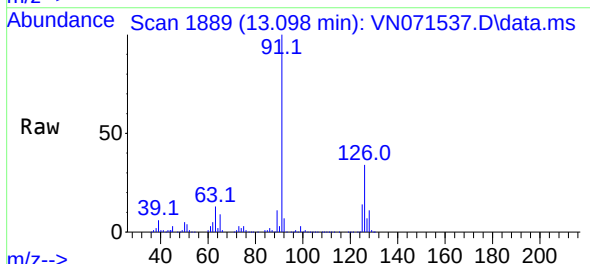
Tgt Ion: 75 Resp: 187692
Ion Ratio Lower Upper
75 100
53 98.2 78.0 117.0
89 47.2 37.2 55.8

Manual Integrations
APPROVED

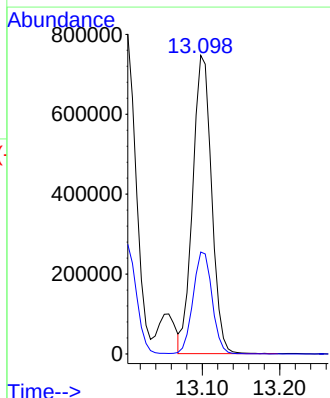
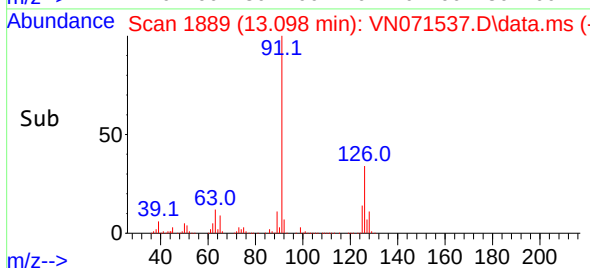
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

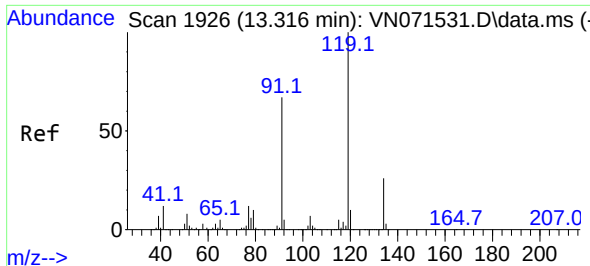


#82
4-Chlorotoluene
Concen: 57.185 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



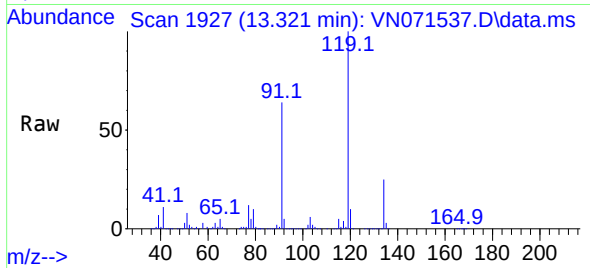
Tgt Ion: 91 Resp: 1262279
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 56.620 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

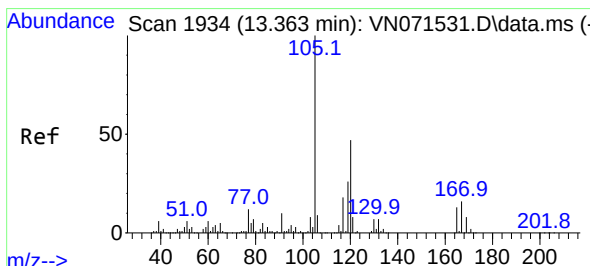
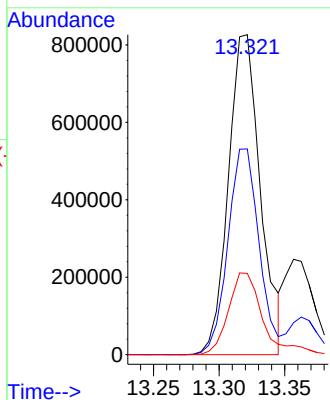
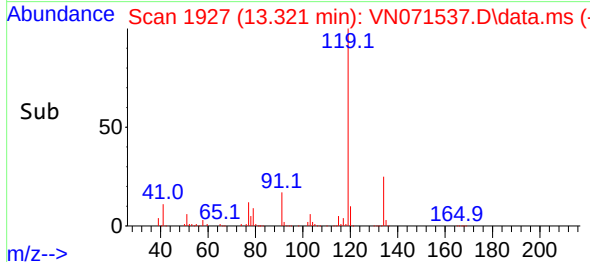
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



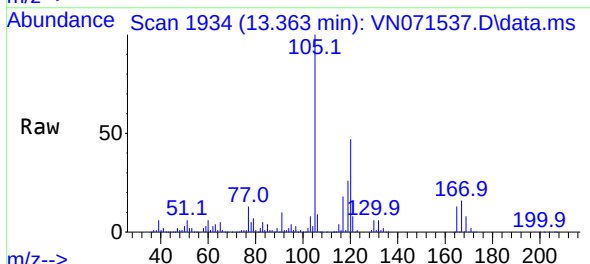
Tgt Ion:119 Resp: 1409024
Ion Ratio Lower Upper
119 100
91 62.4 31.6 94.8
134 27.4 13.7 41.1

Manual Integrations
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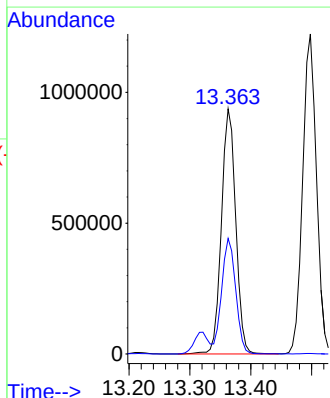
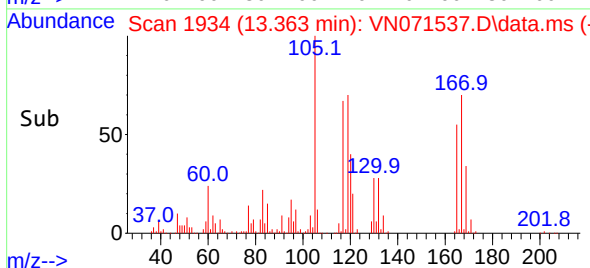
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

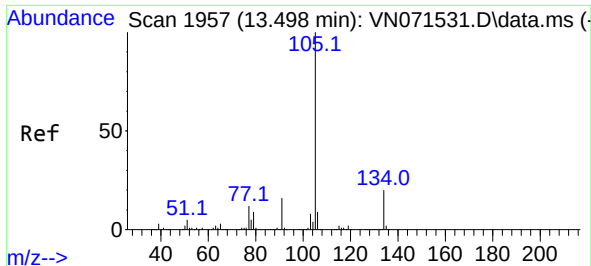


#84
1,2,4-Trimethylbenzene
Concen: 57.425 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion:105 Resp: 1527647
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





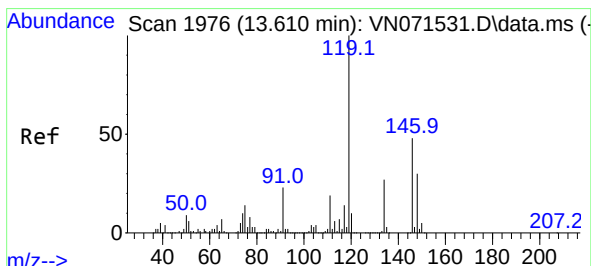
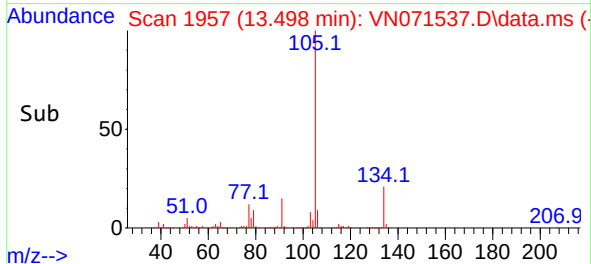
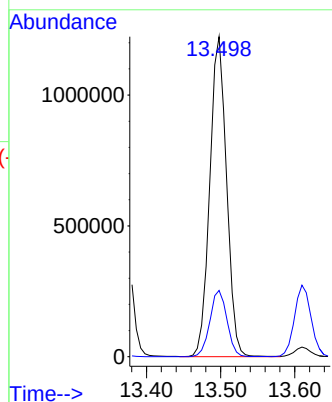
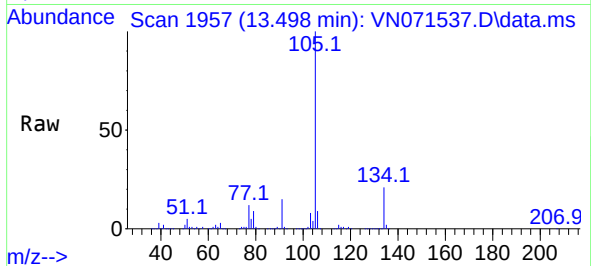
#85
 sec-Butylbenzene
 Concen: 58.311 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071537.D
 Acq: 25 Mar 2022 10:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 192340
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

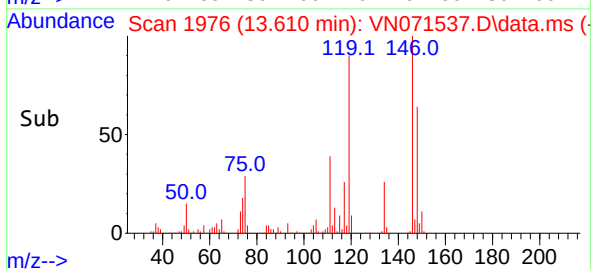
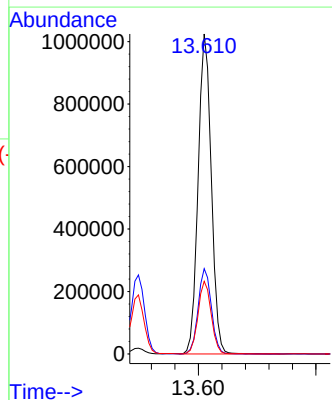
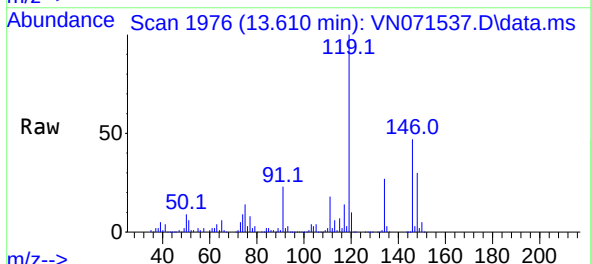
Manual Integrations
 APPROVED

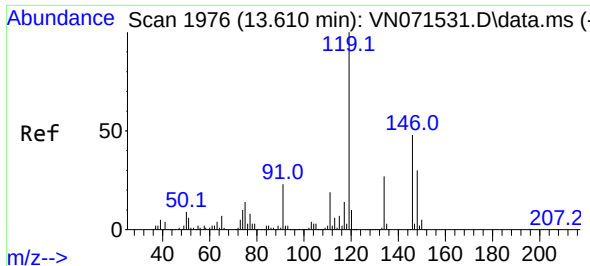
Reviewed By :John Carlone 03/26/2022
 Supervised By :Mahesh Dadoda 03/28/2022



#86
 p-Isopropyltoluene
 Concen: 60.444 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071537.D
 Acq: 25 Mar 2022 10:25

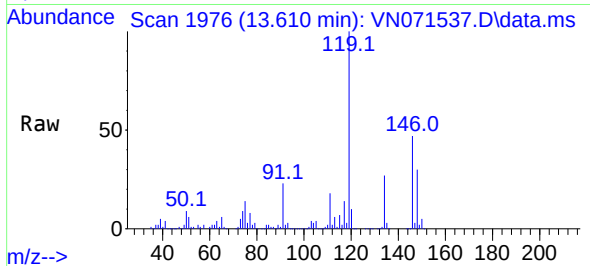
Tgt Ion:119 Resp: 1589361
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 56.305 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

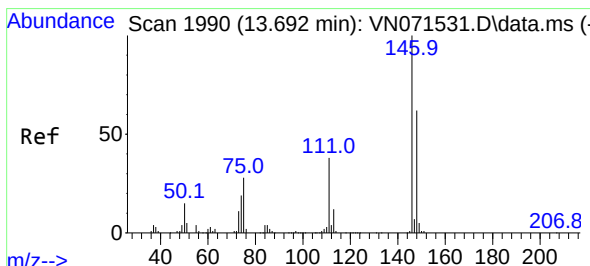
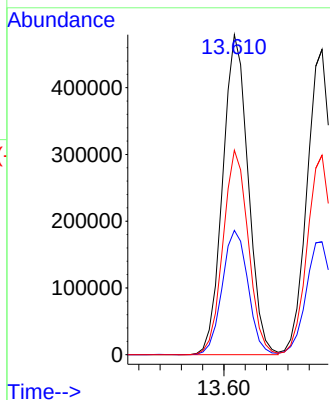
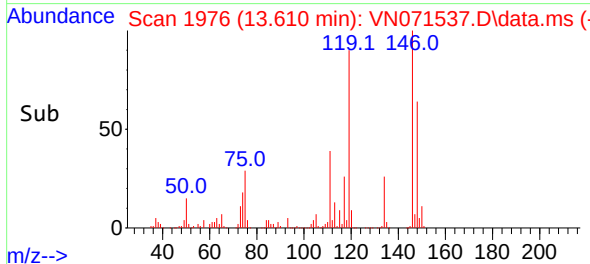
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



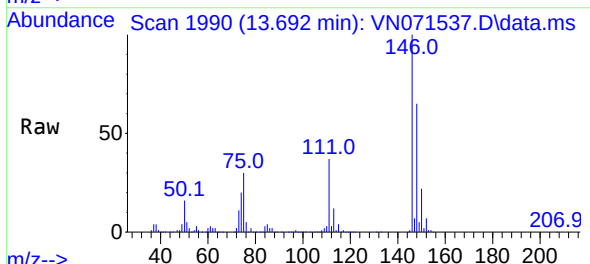
Tgt Ion:146 Resp: 794890
Ion Ratio Lower Upper
146 100
111 39.5 20.0 60.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

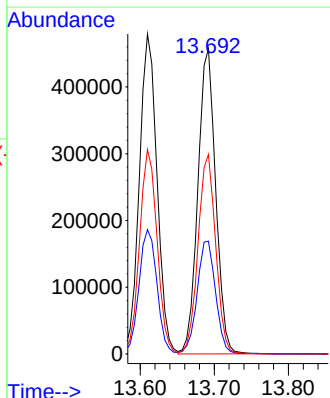
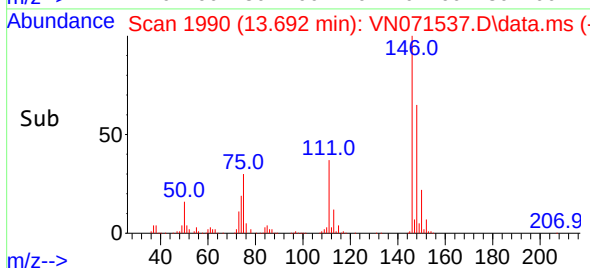
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

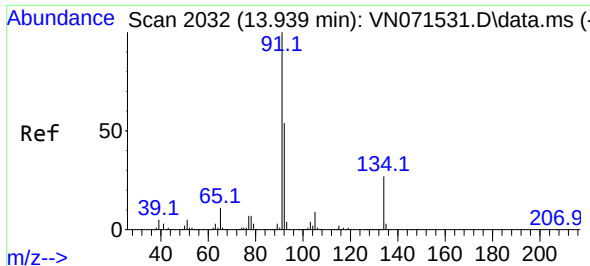


#88
1,4-Dichlorobenzene
Concen: 54.667 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



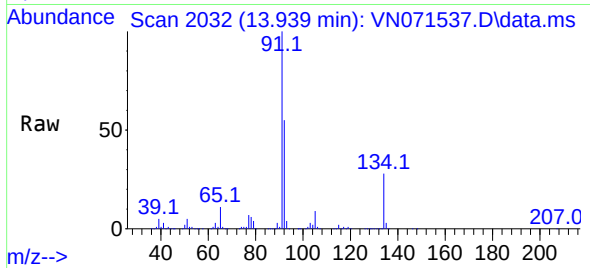
Tgt Ion:146 Resp: 762766
Ion Ratio Lower Upper
146 100
111 38.0 19.1 57.1
148 64.7 31.4 94.3





#89
n-Butylbenzene
Concen: 59.968 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

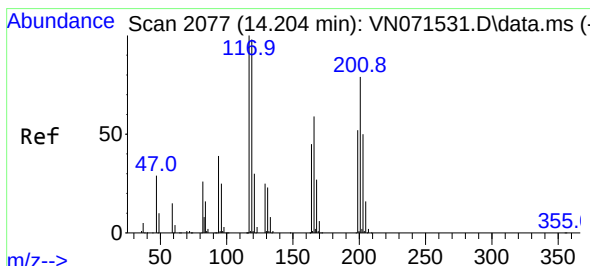
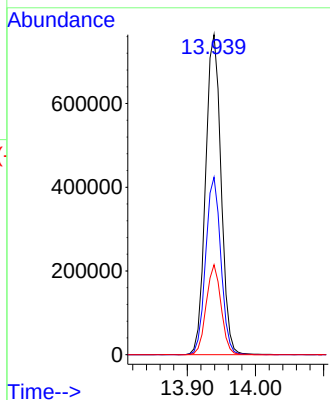
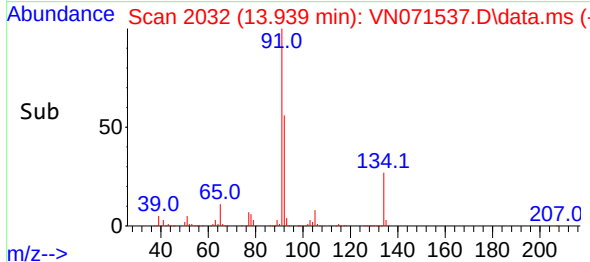
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1207618
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.7
134 27.0 13.6 40.8

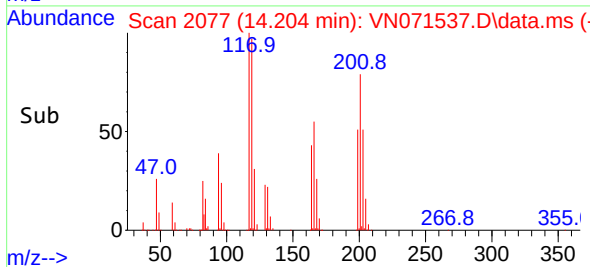
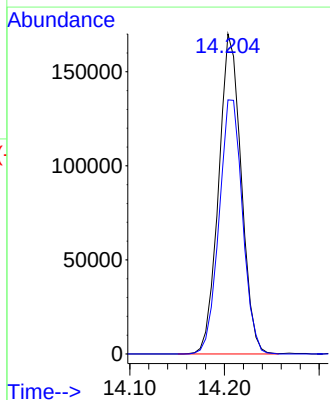
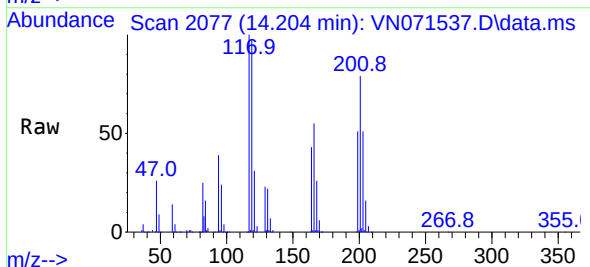
Manual Integrations
APPROVED

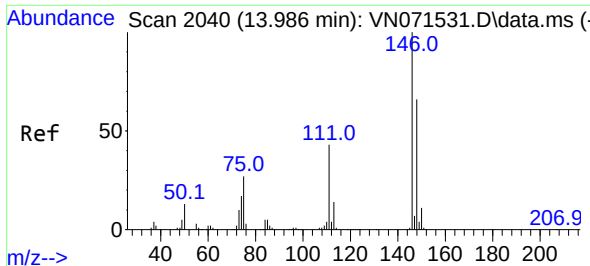
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#90
Hexachloroethane
Concen: 54.958 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

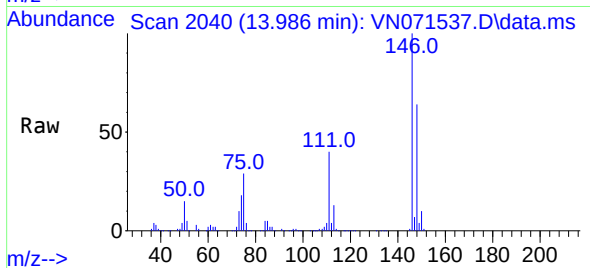
Tgt Ion:117 Resp: 282063
Ion Ratio Lower Upper
117 100
201 82.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 55.175 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

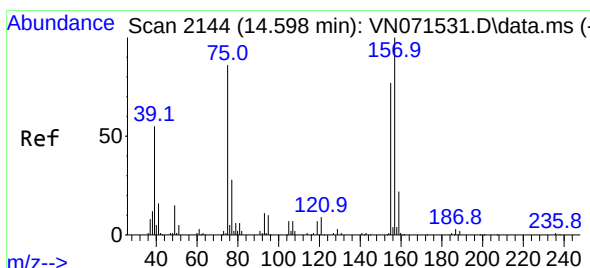
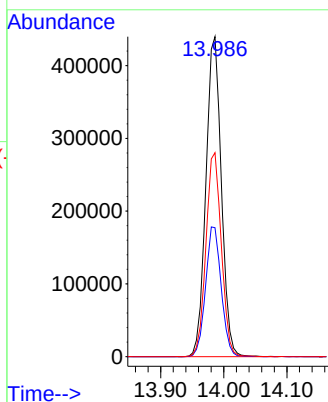
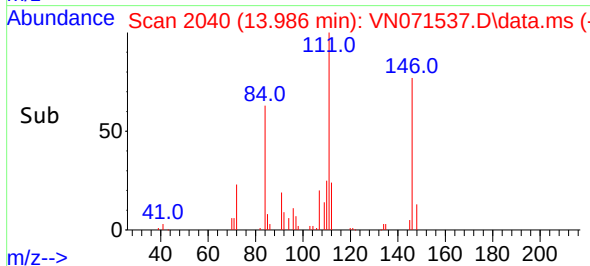
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



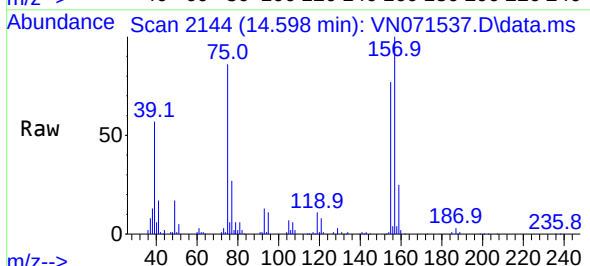
Tgt Ion:146 Resp: 746660
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 63.7 32.1 96.3

Manual Integrations
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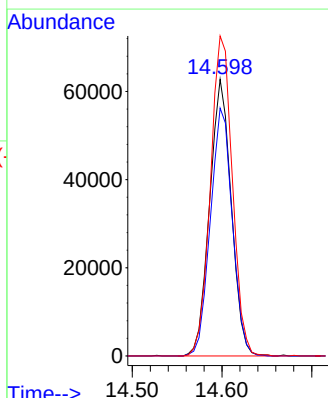
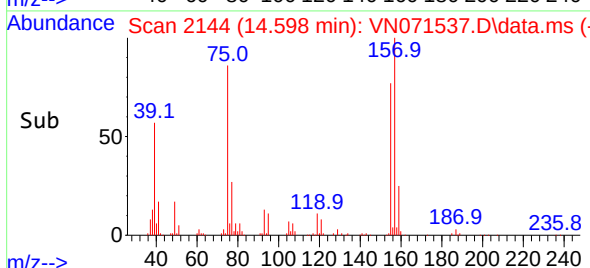
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

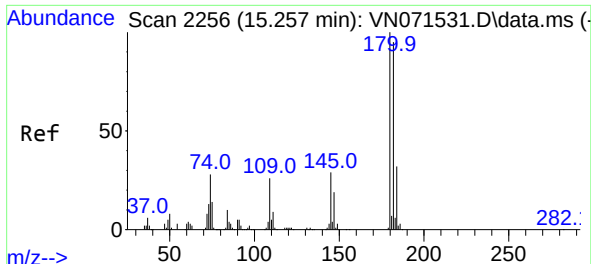


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.897 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



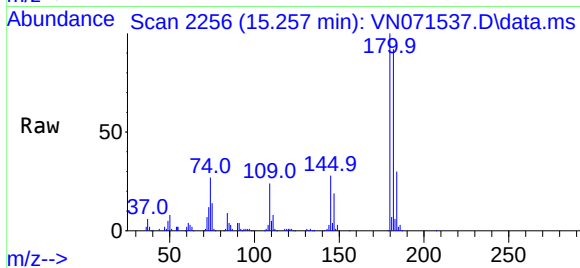
Tgt Ion: 75 Resp: 105107
Ion Ratio Lower Upper
75 100
155 90.5 44.9 134.5
157 117.0 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 58.703 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

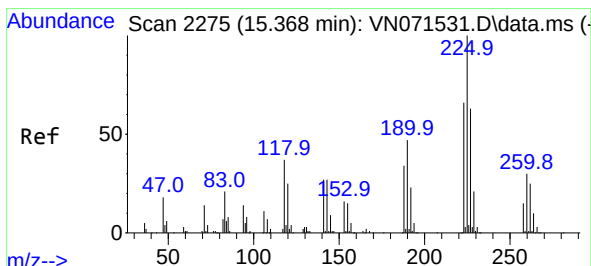
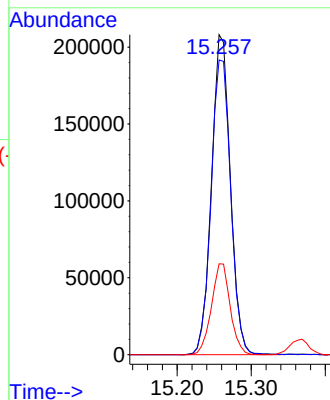
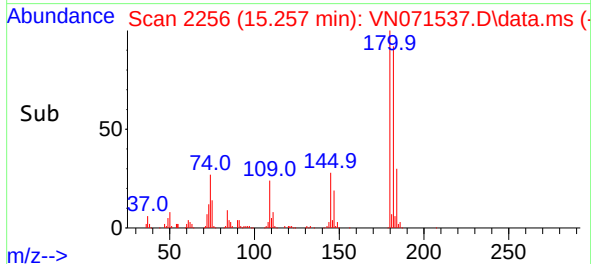
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



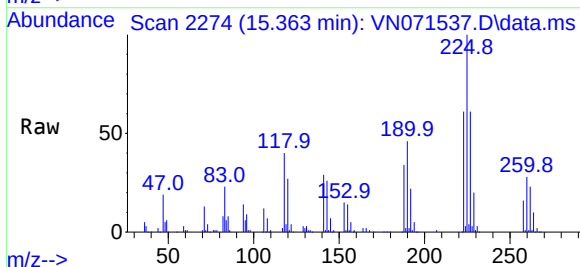
Tgt Ion:180 Resp: 36811
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 28.2 14.5 43.5

Manual Integrations
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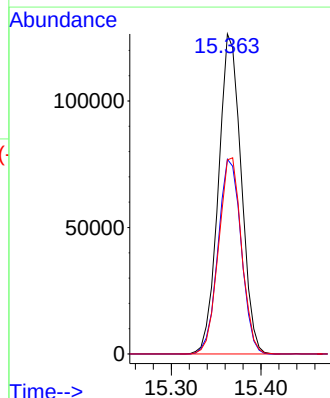
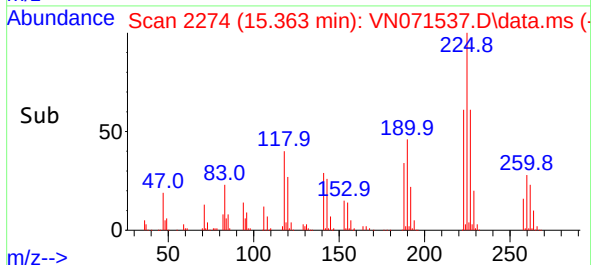
Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022

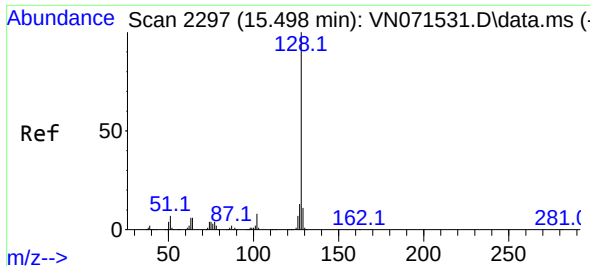


#94
Hexachlorobutadiene
Concen: 58.670 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



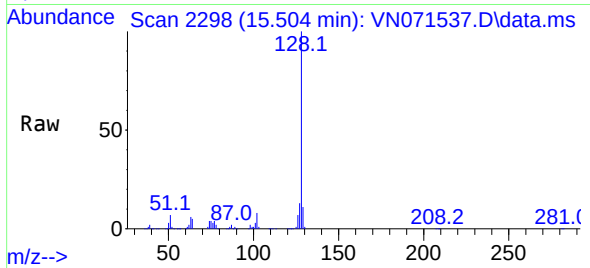
Tgt Ion:225 Resp: 222484
Ion Ratio Lower Upper
225 100
223 61.8 32.4 97.2
227 61.9 31.8 95.4





#95
Naphthalene
Concen: 48.135 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25

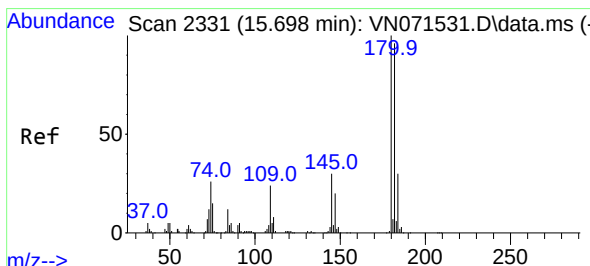
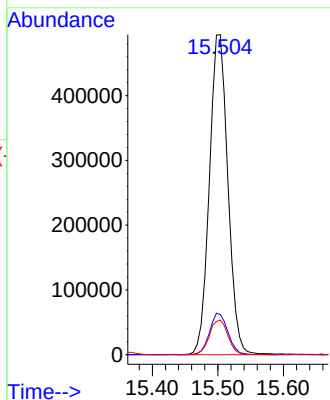
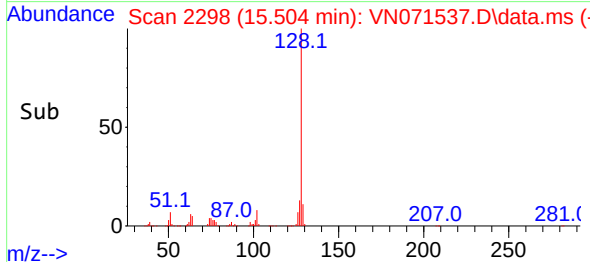
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



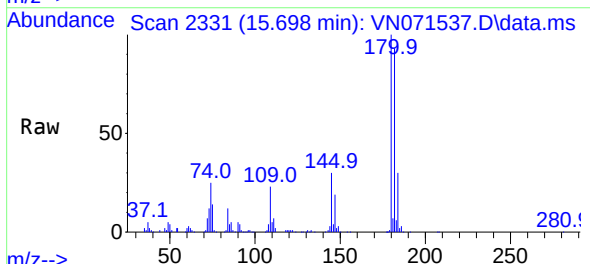
Tgt Ion:128 Resp: 967860
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2022
Supervised By :Mahesh Dadoda 03/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.520 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071537.D
Acq: 25 Mar 2022 10:25



Tgt Ion:180 Resp: 357890
Ion Ratio Lower Upper
180 100
182 92.9 47.8 143.3
145 30.1 15.5 46.5

