

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071907.D
 Acq On : 08 Apr 2022 10:09
 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 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 09 05:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	566837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	855903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	806119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	319665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	295892	45.725	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.460%		
35) Dibromofluoromethane	8.016	113	257780	51.182	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.360%		
50) Toluene-d8	10.439	98	1042031	50.576	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.160%		
62) 4-Bromofluorobenzene	12.727	95	345168	51.801	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	195875	43.466	ug/l	99
3) Chloromethane	2.299	50	230953	40.444	ug/l	100
4) Vinyl Chloride	2.440	62	256392	40.885	ug/l	99
5) Bromomethane	2.828	94	161207	39.545	ug/l	100
6) Chloroethane	2.999	64	183083	40.583	ug/l	100
7) Trichlorofluoromethane	3.369	101	364470	45.682	ug/l	97
8) Diethyl Ether	3.822	74	166024	49.239	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	237278	48.260	ug/l	98
10) Methyl Iodide	4.422	142	312603	45.484	ug/l	99
11) Tert butyl alcohol	5.363	59	254702	242.538	ug/l	99
12) 1,1-Dichloroethene	4.181	96	212280	45.372	ug/l	95
13) Acrolein	4.040	56	320765	250.509	ug/l	99
14) Allyl chloride	4.840	41	349717	46.052	ug/l	94
15) Acrylonitrile	5.545	53	800242	262.164	ug/l	99
16) Acetone	4.281	43	585789	211.819	ug/l	95
17) Carbon Disulfide	4.528	76	415260	38.683	ug/l	99
18) Methyl Acetate	4.851	43	332680	48.534	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	867431	49.905	ug/l	99
20) Methylene Chloride	5.093	84	278162	47.720	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	237550	46.250	ug/l	97
22) Diisopropyl ether	6.492	45	831420	50.292	ug/l	96
23) Vinyl Acetate	6.428	43	3395380	258.272	ug/l	99
24) 1,1-Dichloroethane	6.381	63	478767	49.331	ug/l	98
25) 2-Butanone	7.328	43	980983	246.056	ug/l	96
26) 2,2-Dichloropropane	7.322	77	388487	46.596	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	310477	49.295	ug/l	97
28) Bromochloromethane	7.651	49	189339	48.363	ug/l	96
29) Tetrahydrofuran	7.681	42	640109	247.958	ug/l	98
30) Chloroform	7.816	83	504343	49.215	ug/l	99
31) Cyclohexane	8.092	56	378097	42.964	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	418547	47.742	ug/l	98
36) 1,1-Dichloropropene	8.216	75	341576	48.566	ug/l	100
37) Ethyl Acetate	7.404	43	380368	49.410	ug/l	97
38) Carbon Tetrachloride	8.204	117	348904	50.617	ug/l	99
39) Methylcyclohexane	9.457	83	414842	49.550	ug/l	99
40) Benzene	8.457	78	1117501	50.297	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071907.D
 Acq On : 08 Apr 2022 10:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 09 05:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	213967	56.765	ug/l	90
42) 1,2-Dichloroethane	8.528	62	368332	47.925	ug/l	97
43) Isopropyl Acetate	8.557	43	609697	47.616	ug/l	98
44) Trichloroethene	9.210	130	290340	50.724	ug/l	96
45) 1,2-Dichloropropane	9.486	63	293732	52.921	ug/l	100
46) Dibromomethane	9.575	93	192512	51.084	ug/l	98
47) Bromodichloromethane	9.757	83	402171	54.214	ug/l	97
48) Methyl methacrylate	9.557	41	266839	50.230	ug/l	89
49) 1,4-Dioxane	9.563	88	131647	1045.206	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	2019988	274.387	ug/l	97
52) Toluene	10.498	92	744115	52.983	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	429517	55.245	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	467920	54.470	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	310211	53.668	ug/l	97
56) Ethyl methacrylate	10.757	69	481428	58.385	ug/l	92
57) 1,3-Dichloropropane	11.039	76	517591	53.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	560997	222.958	ug/l	100
59) 2-Hexanone	11.080	43	1405415	271.153	ug/l	96
60) Dibromochloromethane	11.233	129	326329	57.901	ug/l	100
61) 1,2-Dibromoethane	11.339	107	307965	54.127	ug/l	100
64) Tetrachloroethene	10.975	164	255079	47.919	ug/l	99
65) Chlorobenzene	11.763	112	821565	50.898	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	301160	51.705	ug/l	99
67) Ethyl Benzene	11.839	91	1427976	52.259	ug/l	99
68) m/p-Xylenes	11.945	106	1103168	105.074	ug/l	100
69) o-Xylene	12.274	106	549893	52.768	ug/l	98
70) Styrene	12.286	104	889082	56.309	ug/l	99
71) Bromoform	12.451	173	252209	56.861	ug/l #	99
73) Isopropylbenzene	12.574	105	1429300	53.060	ug/l	100
74) N-amyl acetate	12.386	43	404105	52.358	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	448323	49.881	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	387958m	52.389	ug/l	
77) Bromobenzene	12.857	156	341773	50.612	ug/l	97
78) n-propylbenzene	12.916	91	1549742	54.692	ug/l	99
79) 2-Chlorotoluene	13.004	91	940833	51.774	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1143747	53.589	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	125557	52.543	ug/l	99
82) 4-Chlorotoluene	13.098	91	874857	51.939	ug/l	99
83) tert-Butylbenzene	13.316	119	1045267	53.577	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1123910	53.972	ug/l	100
85) sec-Butylbenzene	13.498	105	1395882	55.194	ug/l	100
86) p-Isopropyltoluene	13.610	119	1143722	56.718	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	558792	51.942	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	539692	51.421	ug/l	100
89) n-Butylbenzene	13.939	91	839680	56.142	ug/l	99
90) Hexachloroethane	14.210	117	204438	55.383	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	539330	51.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	74304	53.298	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	261347	51.314	ug/l	99
94) Hexachlorobutadiene	15.363	225	158179	50.781	ug/l	98
95) Naphthalene	15.504	128	721653	49.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	257356	52.113	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
Data File : VN071907.D
Acq On : 08 Apr 2022 10:09
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

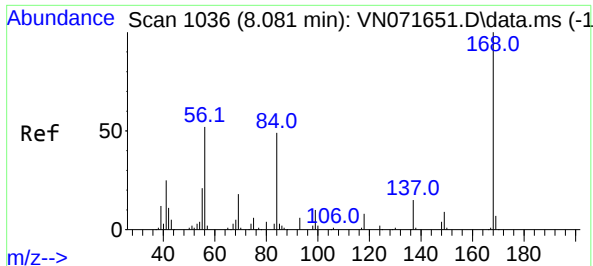
Manual Integrations
APPROVED

Reviewed By : John Carlone 04/11/2022
Supervised By : Mahesh Dadoda 04/11/2022

Quant Time: Apr 09 05:05:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



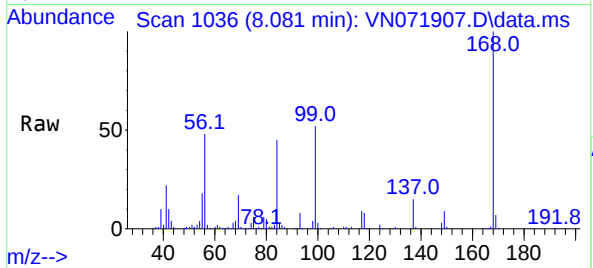
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

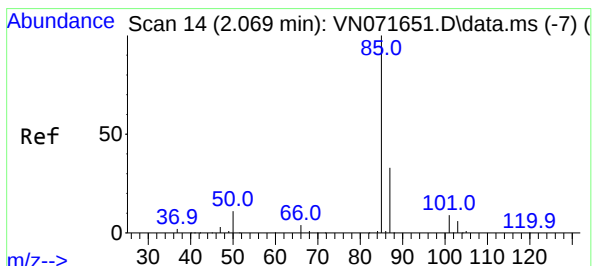
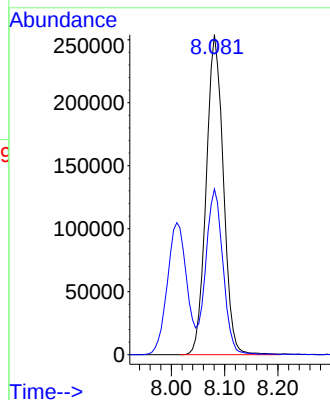
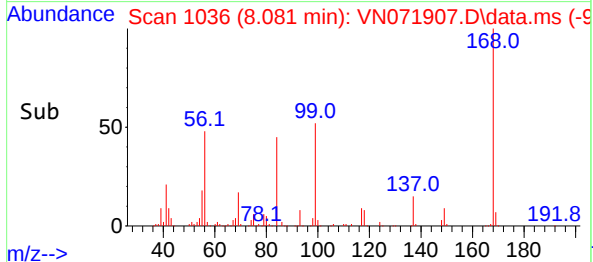


Tgt Ion:168 Resp: 56683
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5

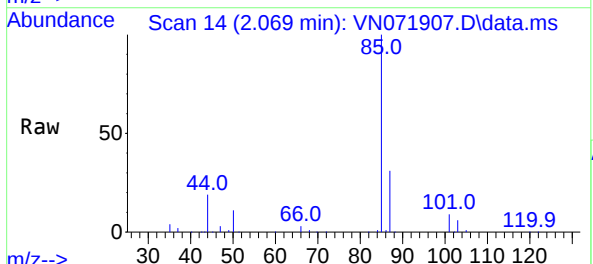
Manual Integrations

APPROVED

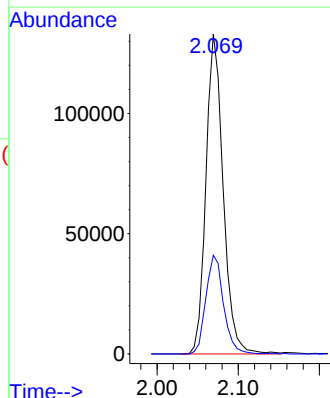
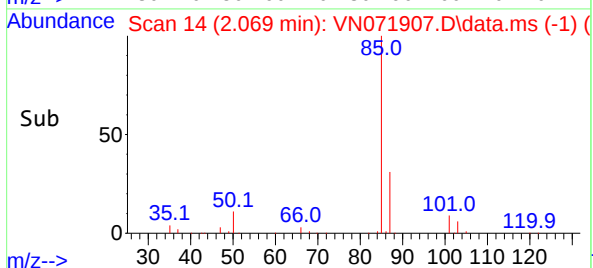
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

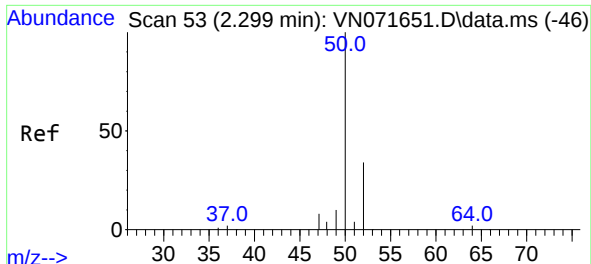


#2
Dichlorodifluoromethane
Concen: 43.466 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



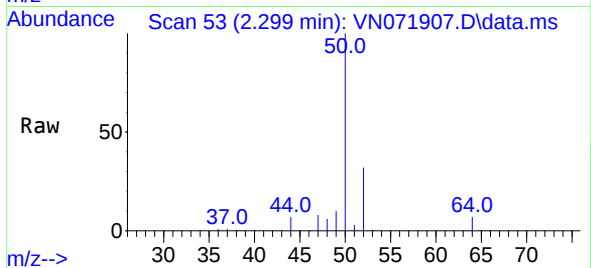
Tgt Ion: 85 Resp: 195875
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.1





#3
Chloromethane
Concen: 40.444 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

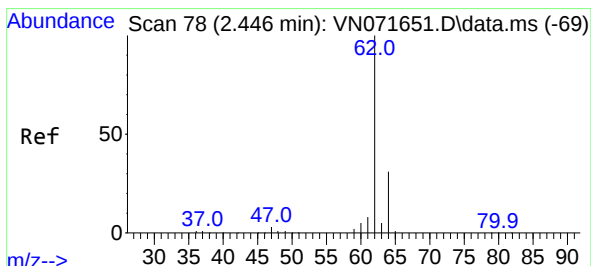
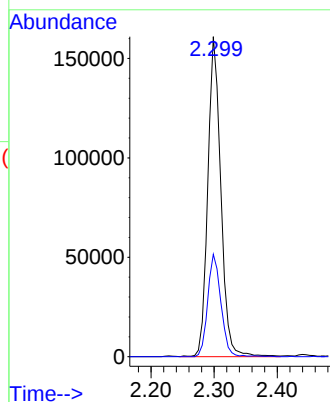
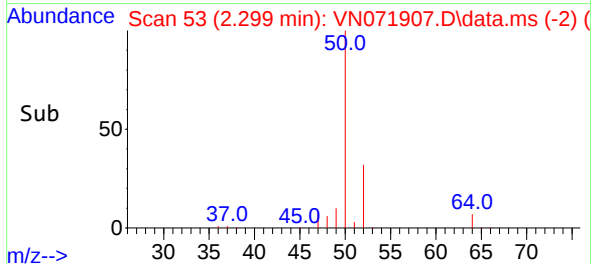
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



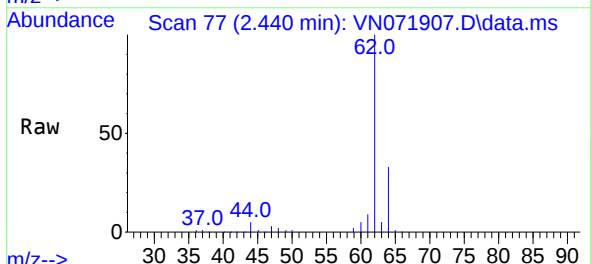
Tgt Ion: 50 Resp: 23095
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5

Manual Integrations
APPROVED

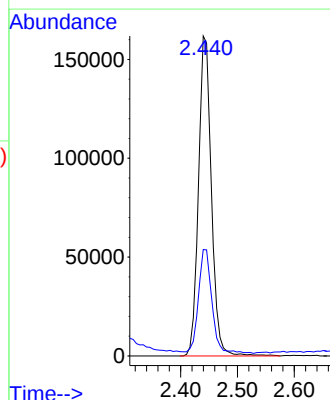
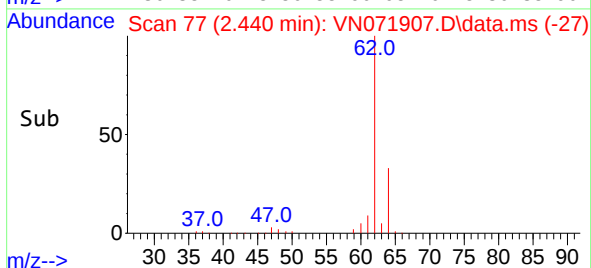
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

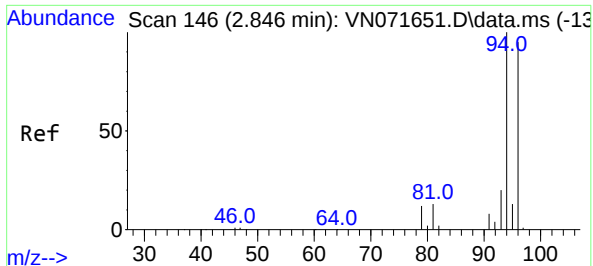


#4
Vinyl Chloride
Concen: 40.885 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion: 62 Resp: 256392
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





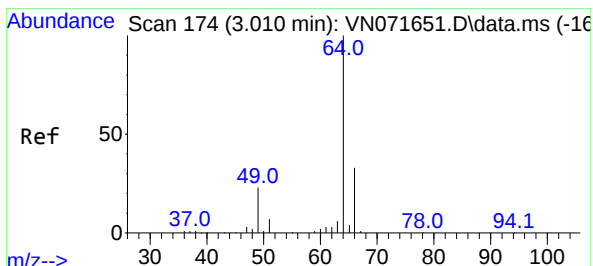
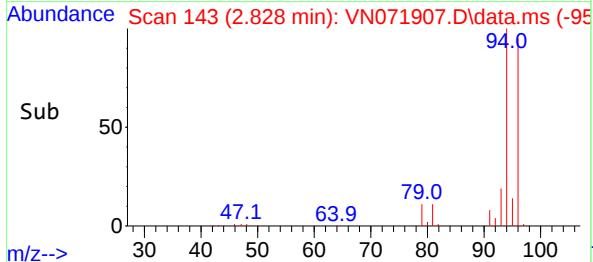
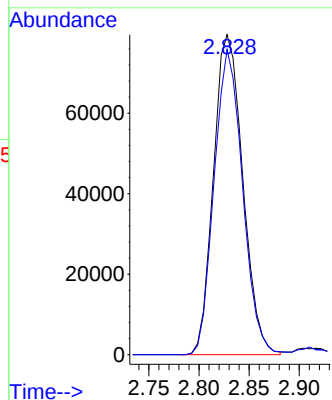
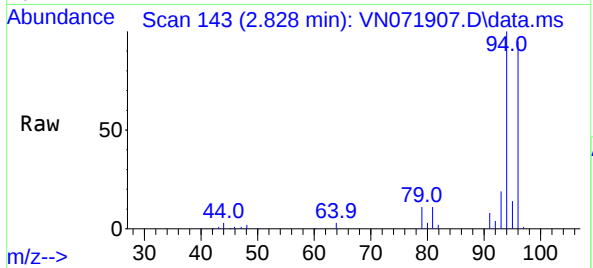
#5
Bromomethane
Concen: 39.545 ug/l
RT: 2.828 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 16120
Ion Ratio Lower Upper
94 100
96 95.4 76.0 114.0

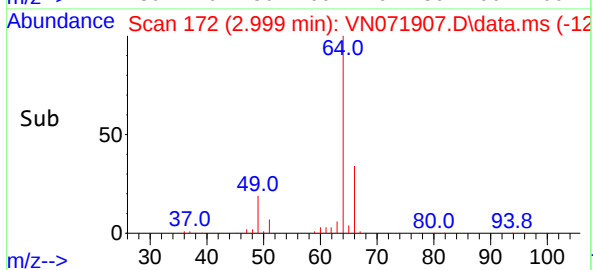
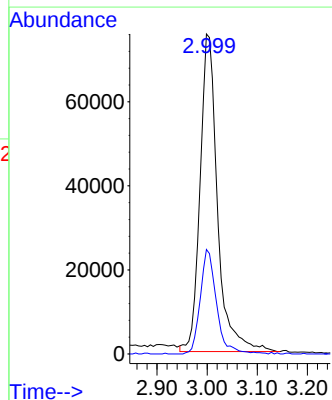
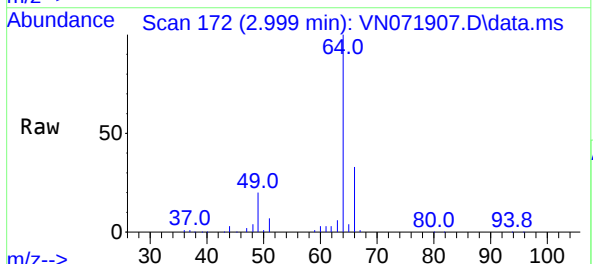
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

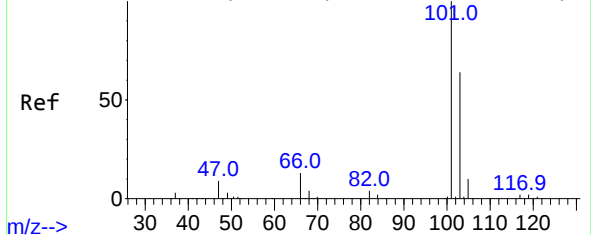


#6
Chloroethane
Concen: 40.583 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.011 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Tgt Ion: 64 Resp: 183083
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 45.682 ug/l

RT: 3.369 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN071907.D

Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 364470

Ion Ratio Lower Upper

101 100

103 62.3 51.5 77.3

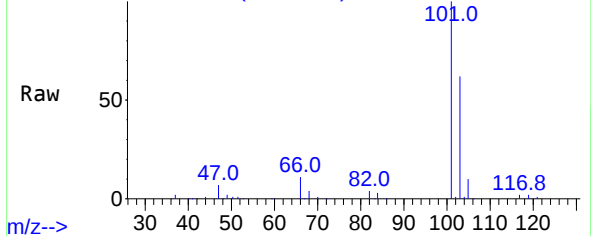
Manual Integrations

APPROVED

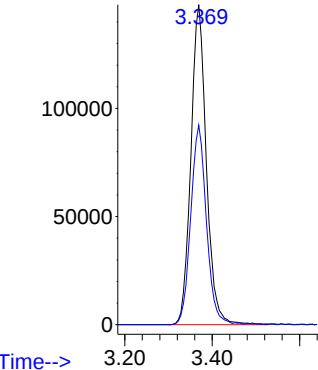
Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022

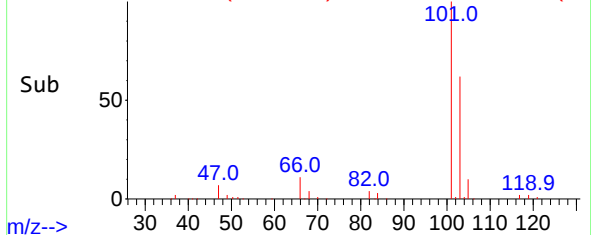
Abundance Scan 235 (3.369 min): VN071907.D\data.ms



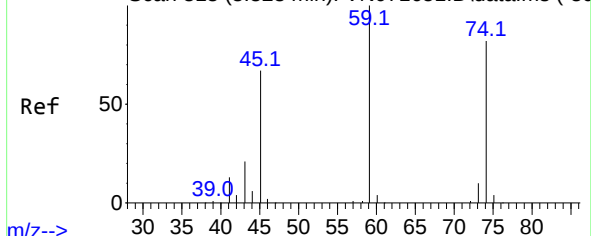
Abundance



Abundance Scan 235 (3.369 min): VN071907.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 49.239 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071907.D

Acq: 08 Apr 2022 10:09

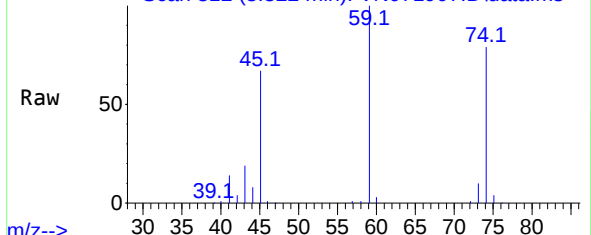
Tgt Ion: 74 Resp: 166024

Ion Ratio Lower Upper

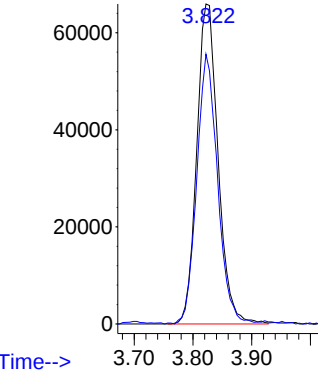
74 100

45 81.5 42.9 128.5

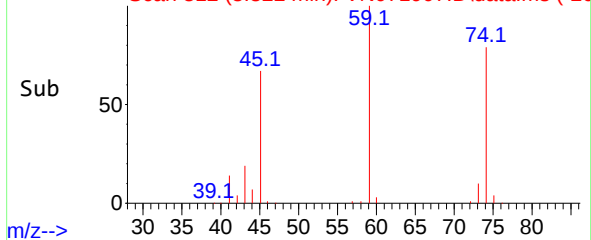
Abundance Scan 312 (3.822 min): VN071907.D\data.ms

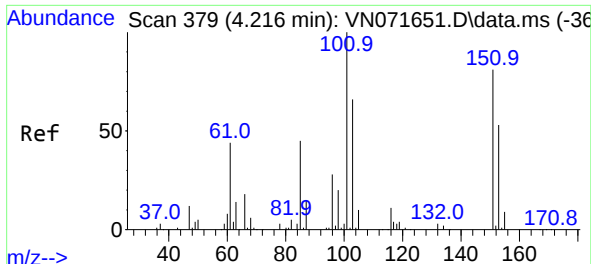


Abundance



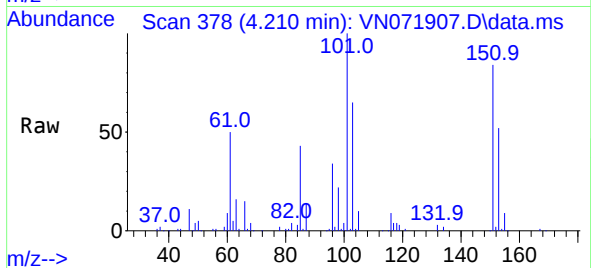
Abundance Scan 312 (3.822 min): VN071907.D\data.ms (-26





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.260 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

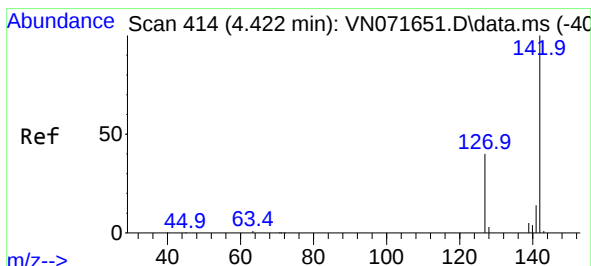
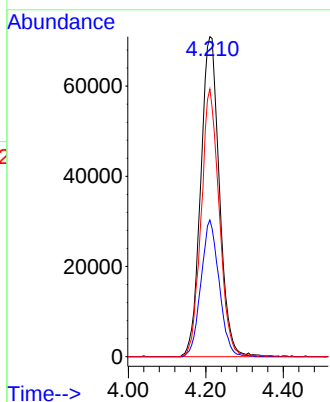
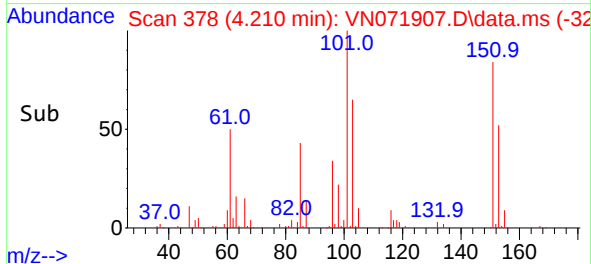
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



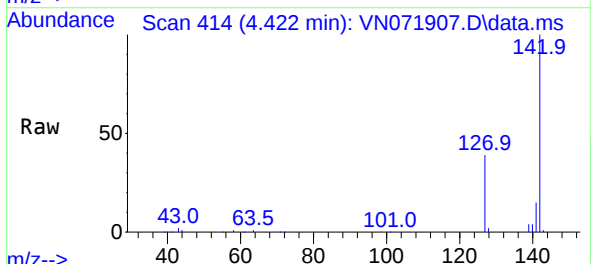
Tgt Ion:101 Resp: 237278
Ion Ratio Lower Upper
101 100
85 41.5 34.7 52.1
151 80.5 63.0 94.4

Manual Integrations
APPROVED

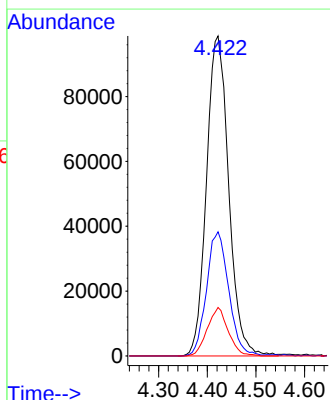
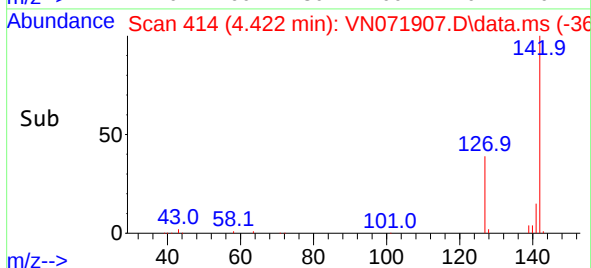
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

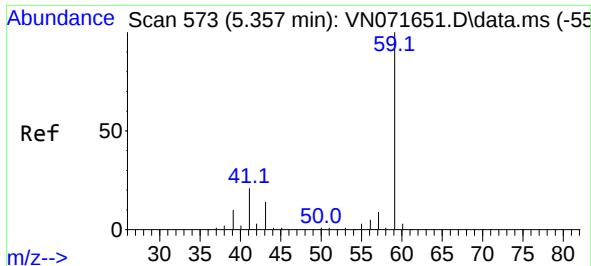


#10
Methyl Iodide
Concen: 45.484 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



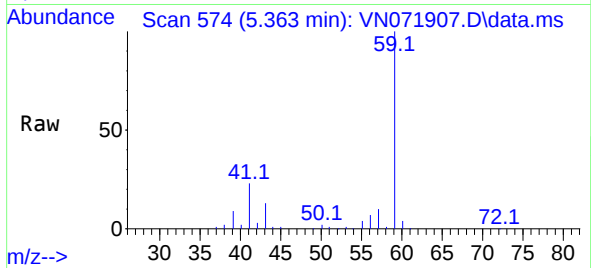
Tgt Ion:142 Resp: 312603
Ion Ratio Lower Upper
142 100
127 38.7 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 242.538 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

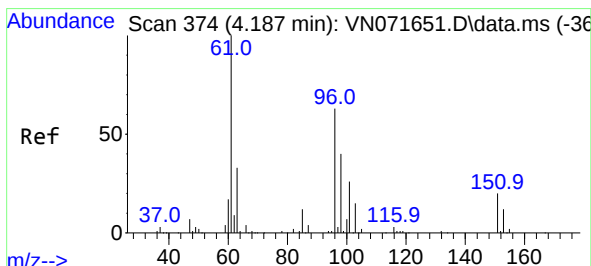
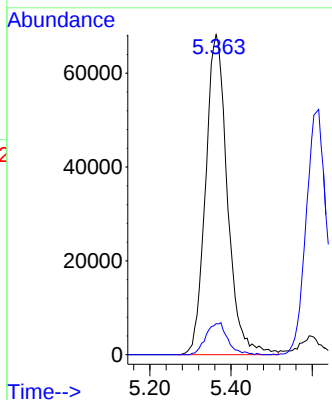
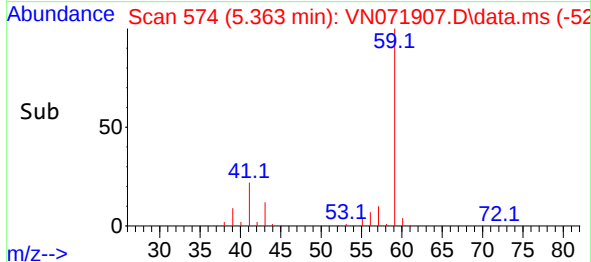
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



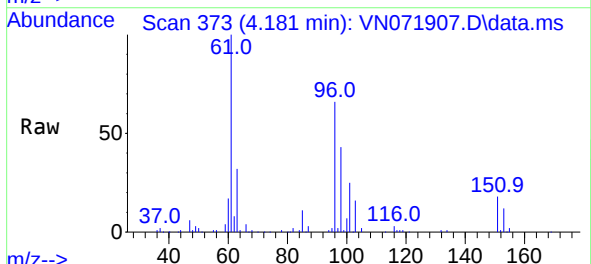
Tgt Ion: 59 Resp: 25470
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

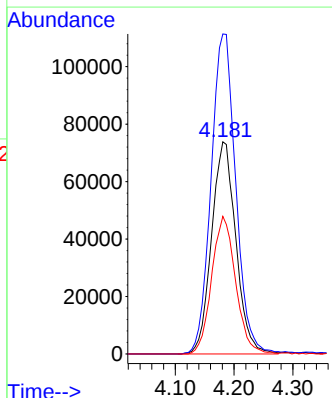
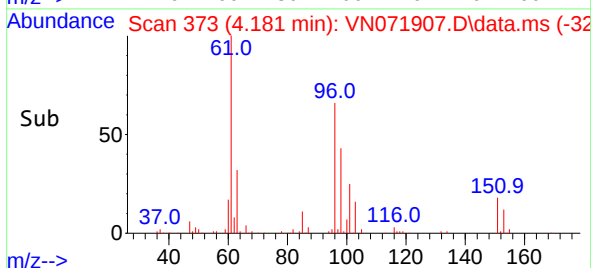
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

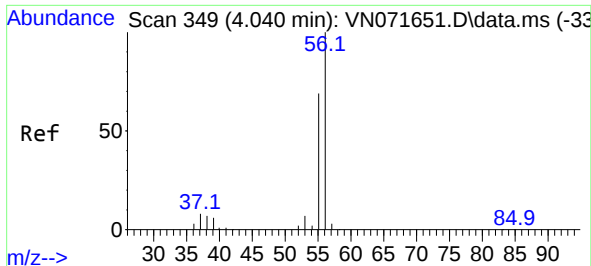


#12
1,1-Dichloroethene
Concen: 45.372 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



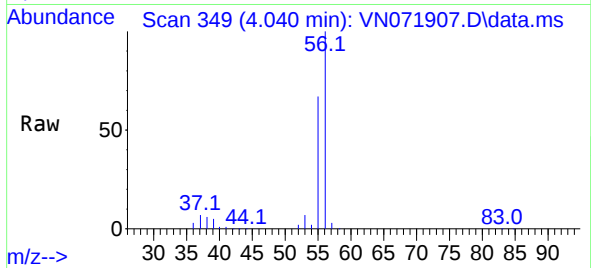
Tgt Ion: 96 Resp: 212280
Ion Ratio Lower Upper
96 100
61 150.8 127.6 191.4
98 64.8 51.2 76.8





#13
Acrolein
Concen: 250.509 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

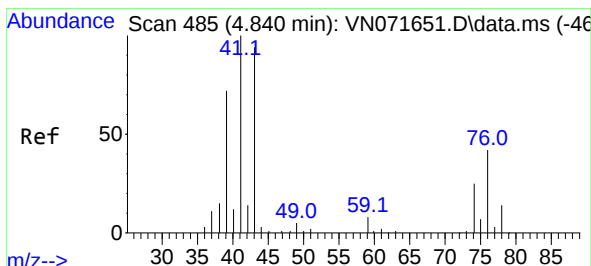
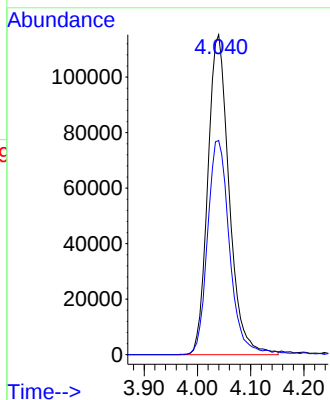
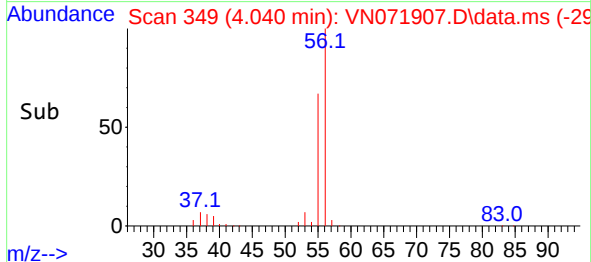
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



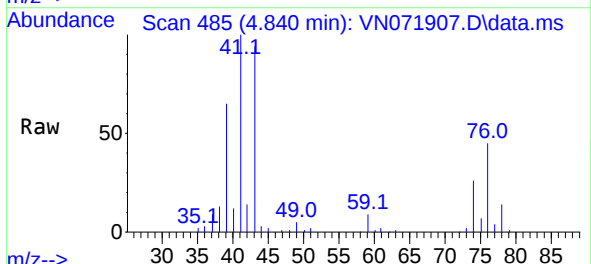
Tgt Ion: 56 Resp: 32076
Ion Ratio Lower Upper
56 100
55 69.2 54.8 82.2

Manual Integrations
APPROVED

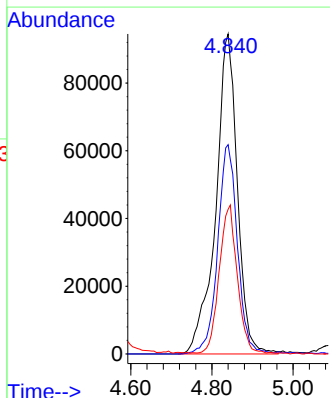
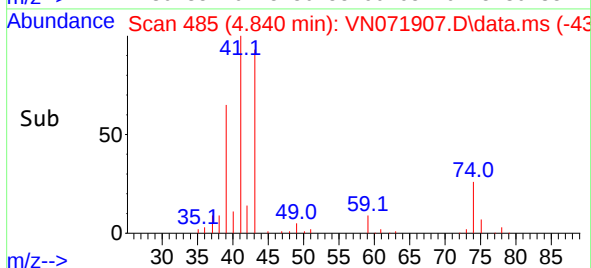
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

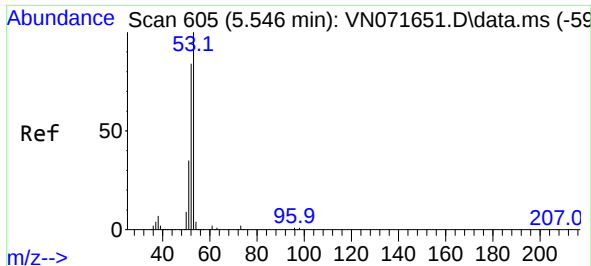


#14
Allyl chloride
Concen: 46.052 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



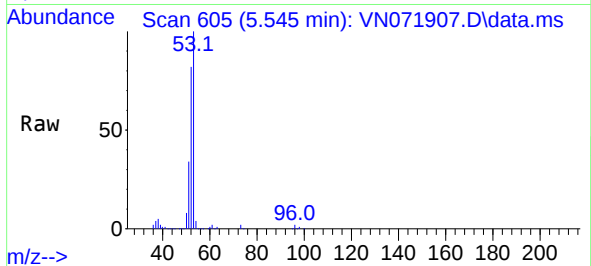
Tgt Ion: 41 Resp: 349717
Ion Ratio Lower Upper
41 100
39 59.8 53.2 79.8
76 38.5 29.9 44.9





#15
Acrylonitrile
Concen: 262.164 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

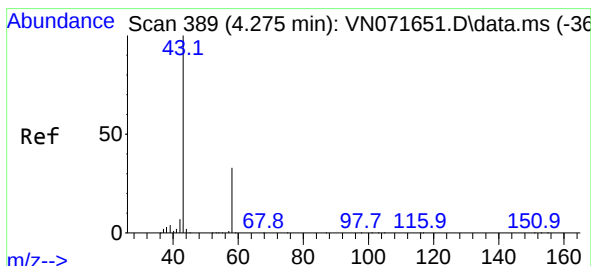
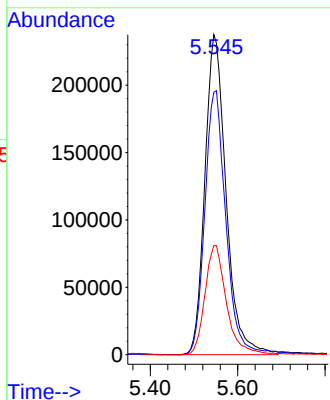
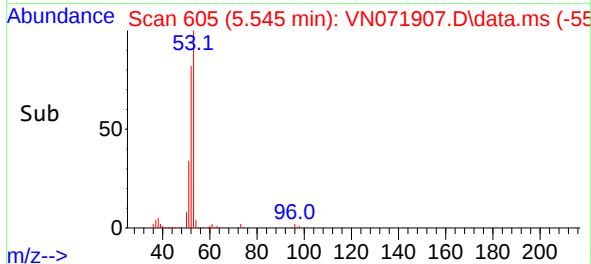
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



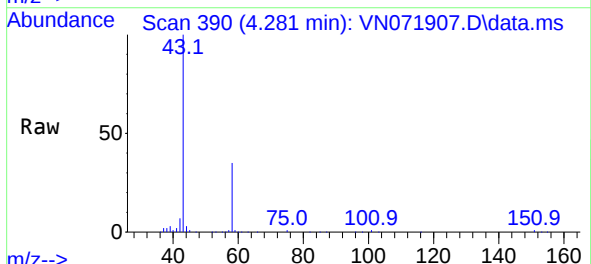
Tgt Ion: 53 Resp: 800242
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 34.7 28.5 42.7

Manual Integrations
APPROVED

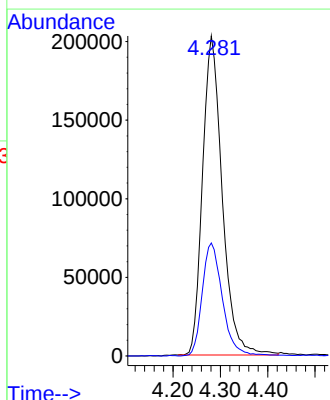
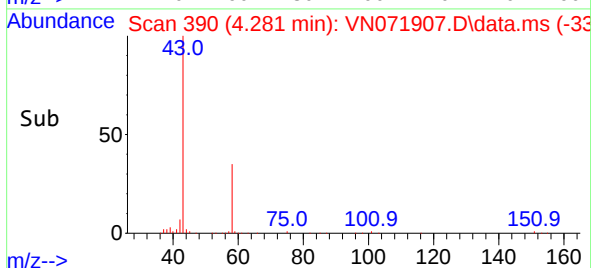
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

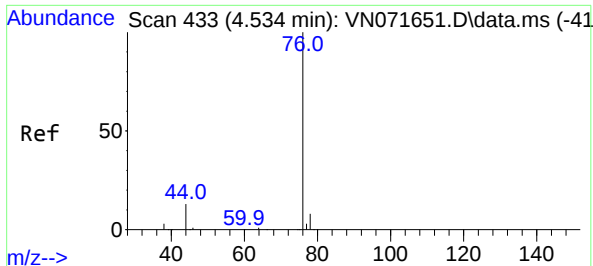


#16
Acetone
Concen: 211.819 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion: 43 Resp: 585789
Ion Ratio Lower Upper
43 100
58 35.4 26.0 39.0





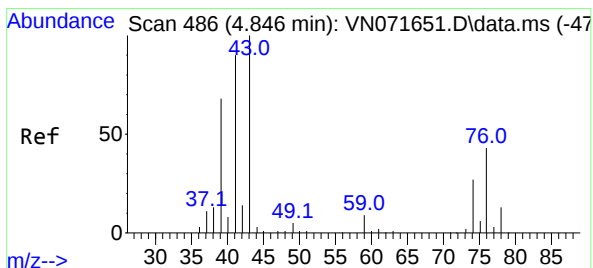
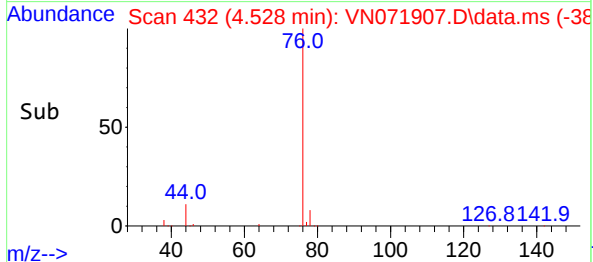
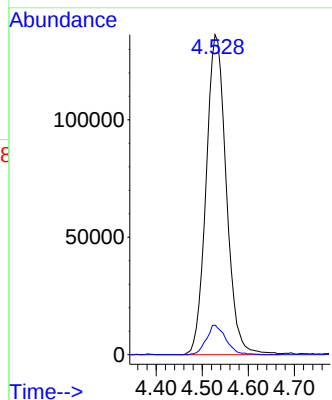
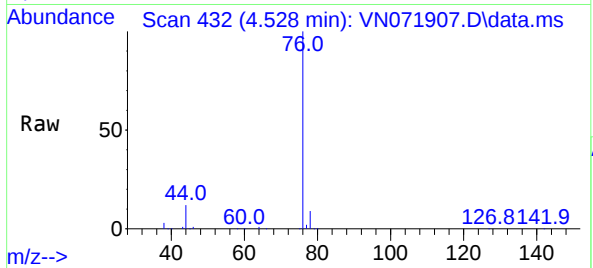
#17
Carbon Disulfide
Concen: 38.683 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 415260
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

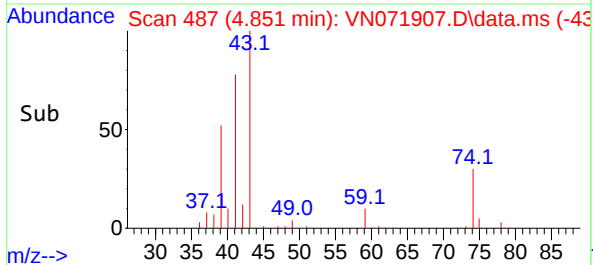
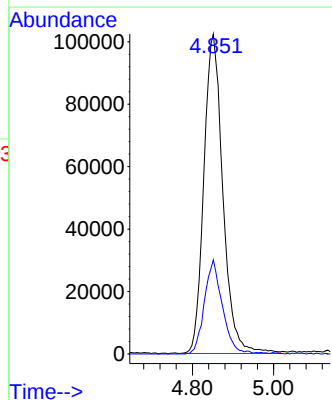
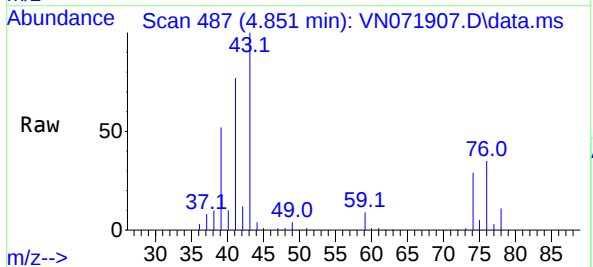
Manual Integrations
APPROVED

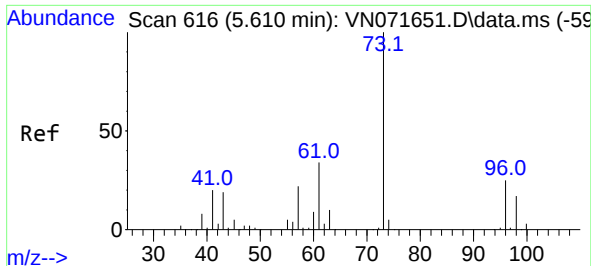
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#18
Methyl Acetate
Concen: 48.534 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

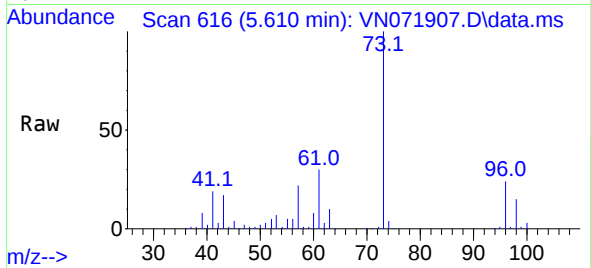
Tgt Ion: 43 Resp: 332680
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 49.905 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

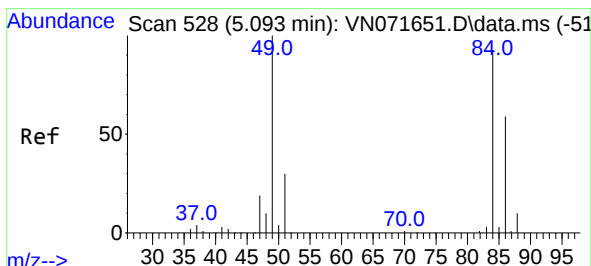
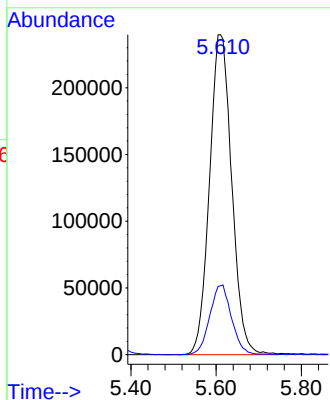
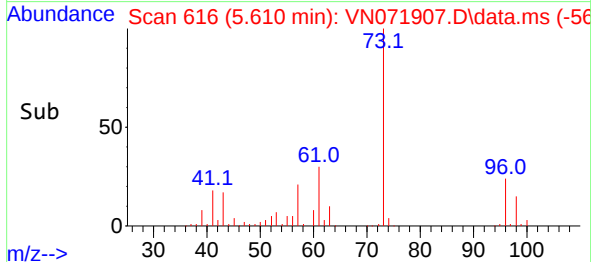
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



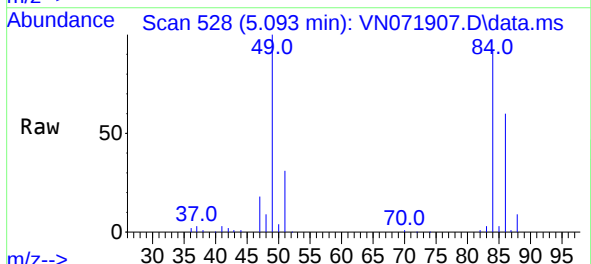
Tgt Ion: 73 Resp: 86743
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

Manual Integrations
APPROVED

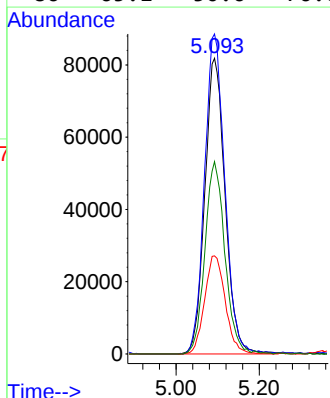
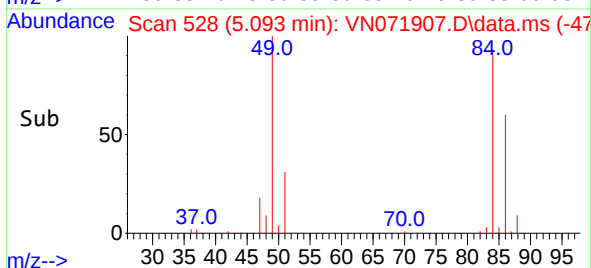
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

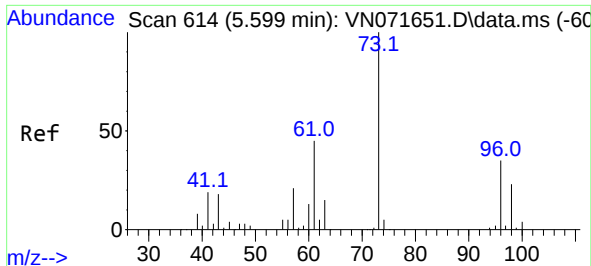


#20
Methylene Chloride
Concen: 47.720 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



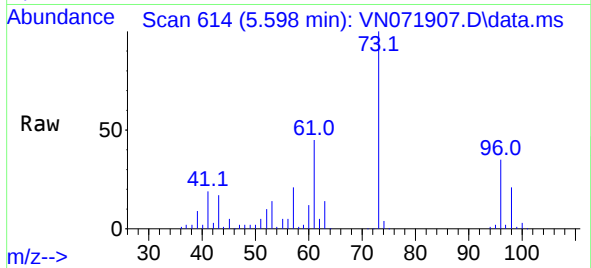
Tgt Ion: 84 Resp: 278162
Ion Ratio Lower Upper
84 100
49 108.2 88.3 132.5
51 33.2 28.2 42.2
86 65.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.250 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

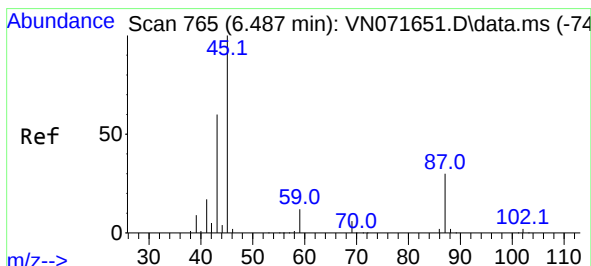
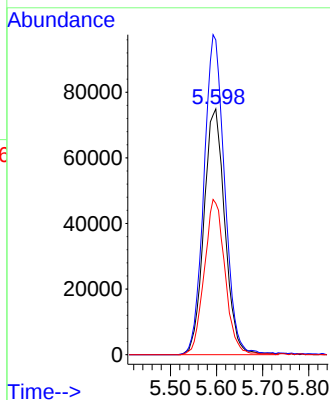
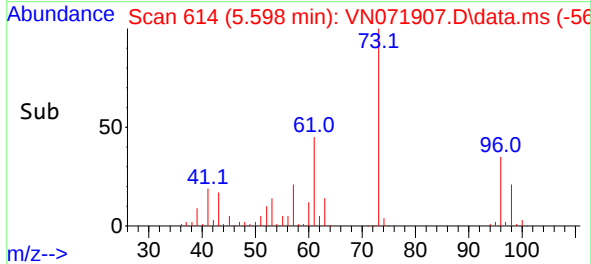
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



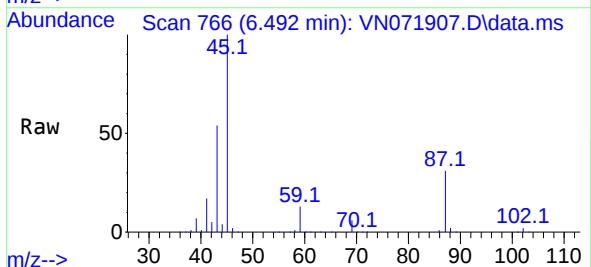
Tgt Ion: 96 Resp: 237550
Ion Ratio Lower Upper
96 100
61 128.0 105.8 158.8
98 61.6 50.3 75.5

Manual Integrations
APPROVED

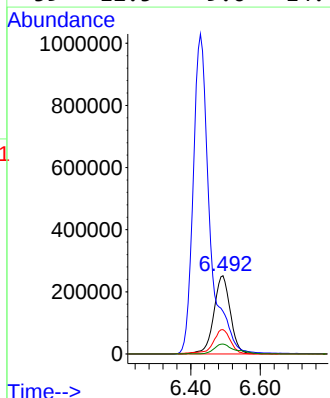
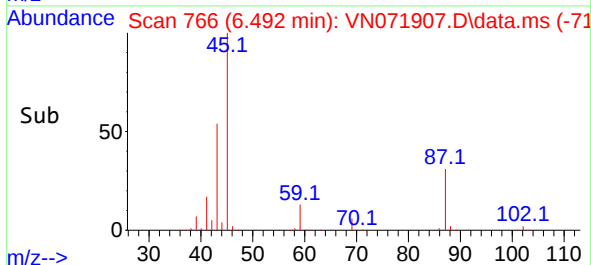
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

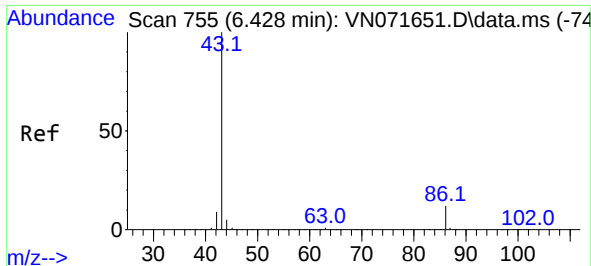


#22
Diisopropyl ether
Concen: 50.292 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



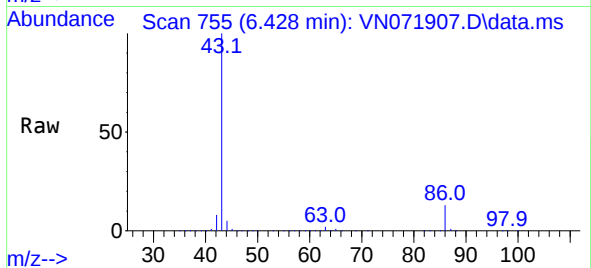
Tgt Ion: 45 Resp: 831420
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 30.9 24.3 36.5
59 12.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 258.272 ug/l
 RT: 6.428 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VN071907.D
 Acq: 08 Apr 2022 10:09

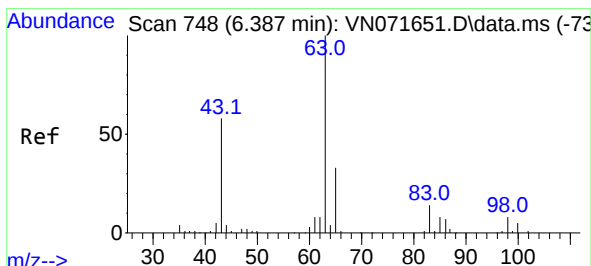
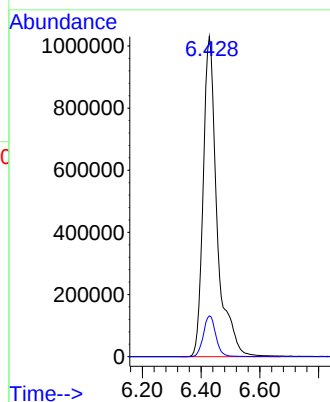
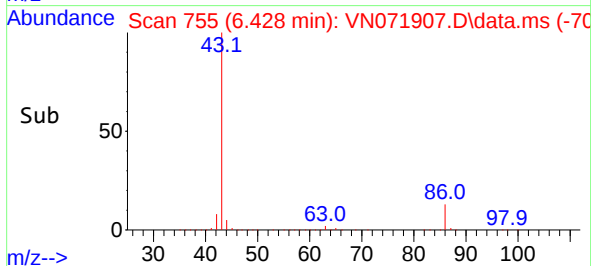
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



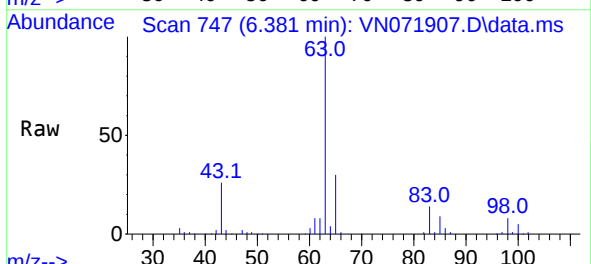
Tgt Ion: 43 Resp: 3395380
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.0 15.0

Manual Integrations
 APPROVED

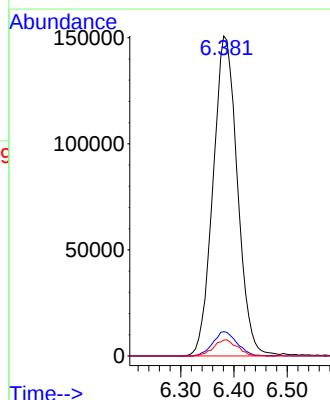
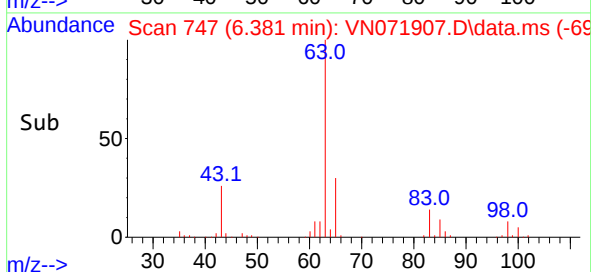
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

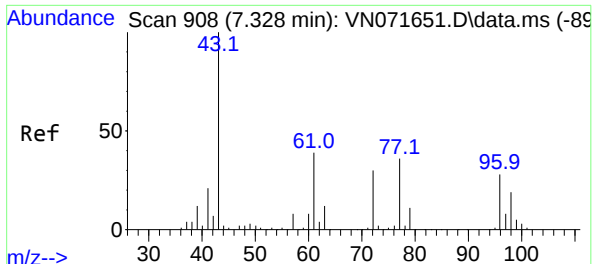


#24
 1,1-Dichloroethane
 Concen: 49.331 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071907.D
 Acq: 08 Apr 2022 10:09



Tgt Ion: 63 Resp: 478767
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.4
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 246.056 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071907.D

Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 98098

Ion Ratio Lower Upper

43 100

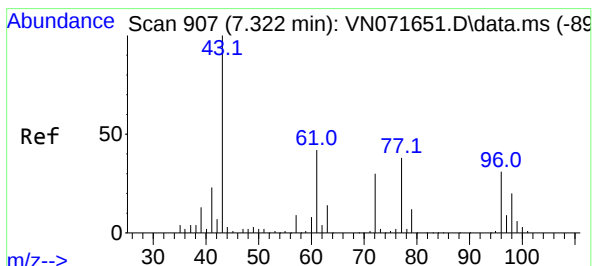
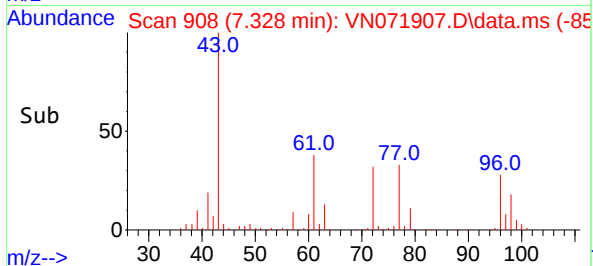
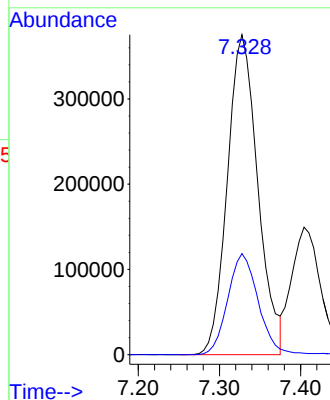
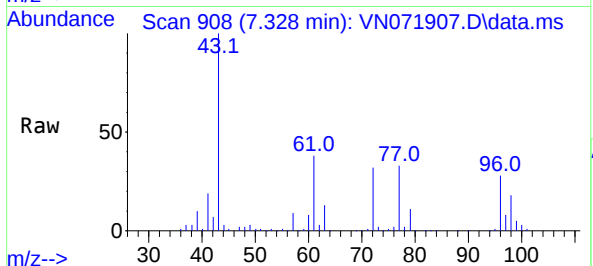
72 31.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#26

2,2-Dichloropropane

Concen: 46.596 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071907.D

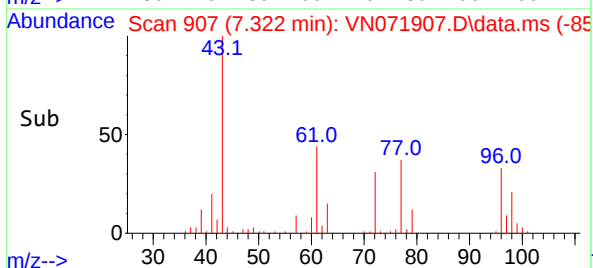
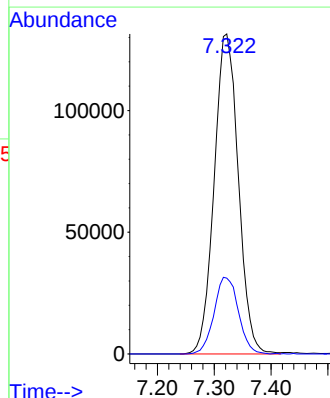
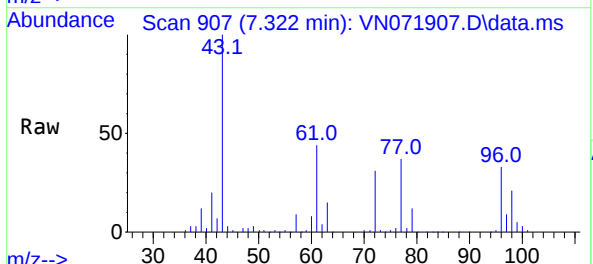
Acq: 08 Apr 2022 10:09

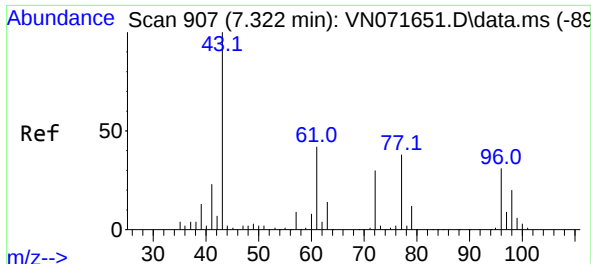
Tgt Ion: 77 Resp: 388487

Ion Ratio Lower Upper

77 100

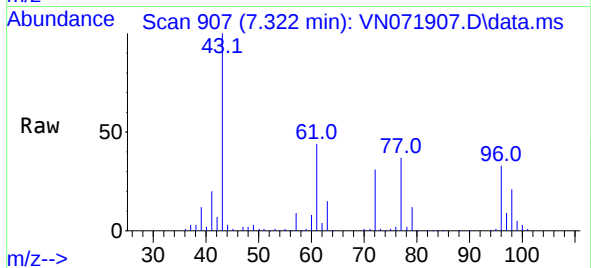
97 24.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 49.295 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071907.D
 Acq: 08 Apr 2022 10:09

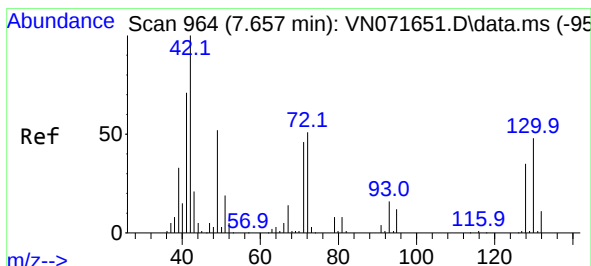
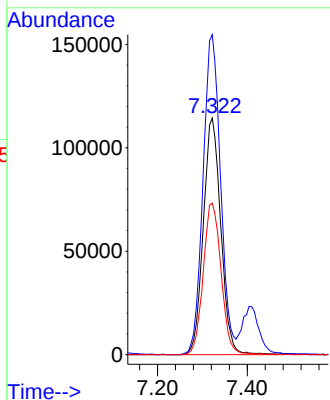
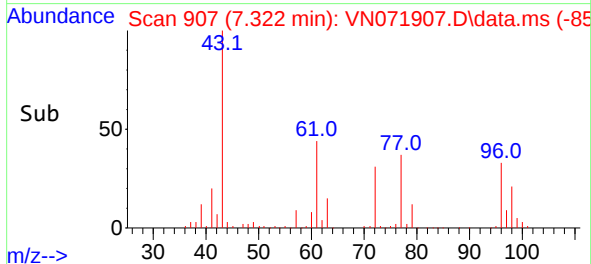
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



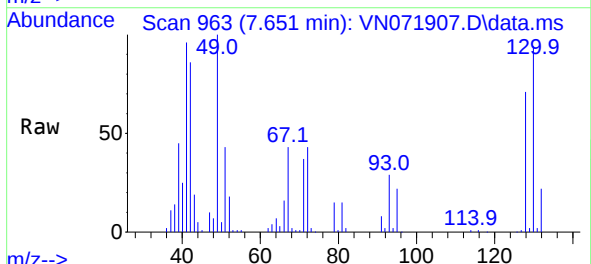
Tgt Ion: 96 Resp: 31047
 Ion Ratio Lower Upper
 96 100
 61 135.4 0.0 280.6
 98 65.1 0.0 128.4

Manual Integrations
 APPROVED

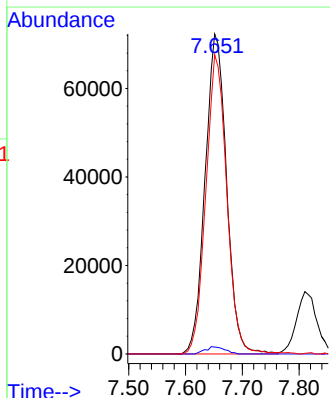
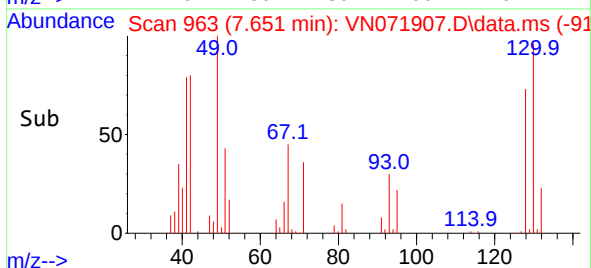
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022

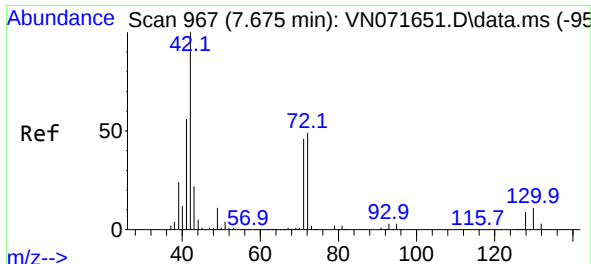


#28
 Bromochloromethane
 Concen: 48.363 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071907.D
 Acq: 08 Apr 2022 10:09



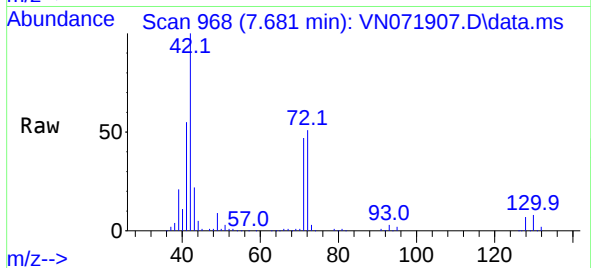
Tgt Ion: 49 Resp: 189339
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 91.3 69.7 104.5





#29
Tetrahydrofuran
Concen: 247.958 ug/l
RT: 7.681 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

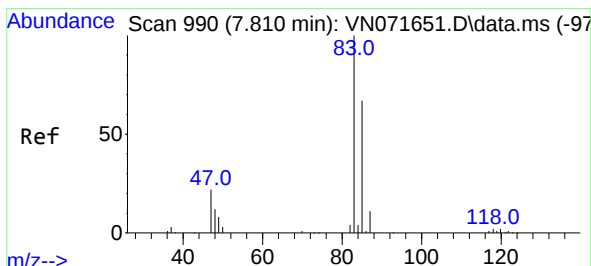
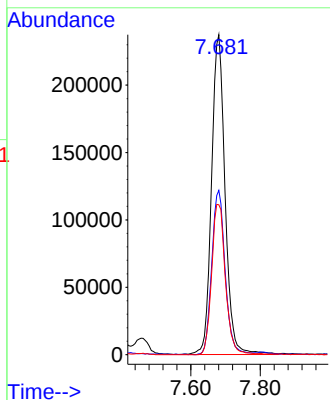
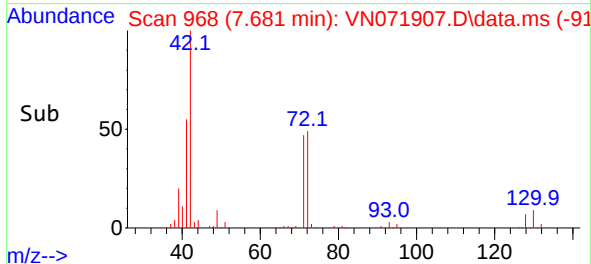
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



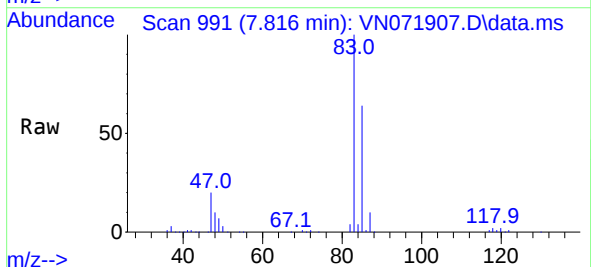
Tgt Ion: 42 Resp: 640109
Ion Ratio Lower Upper
42 100
72 50.8 39.7 59.5
71 47.7 36.6 55.0

Manual Integrations
APPROVED

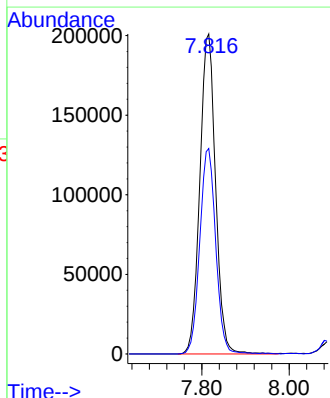
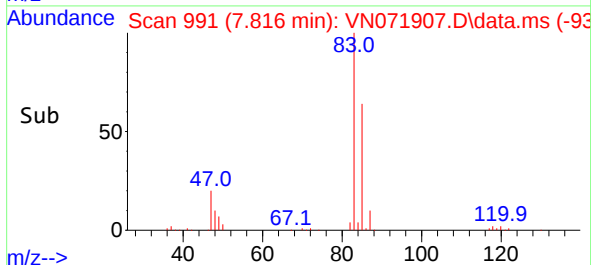
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

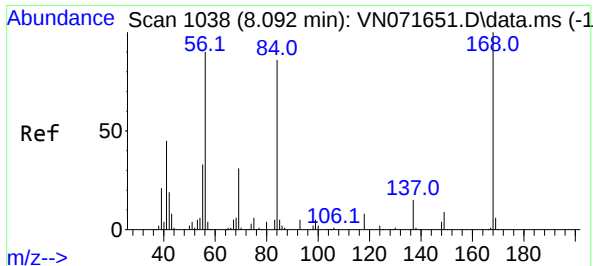


#30
Chloroform
Concen: 49.215 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



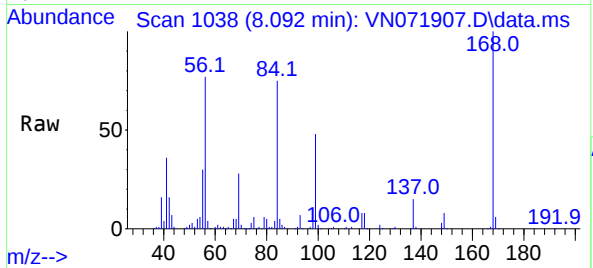
Tgt Ion: 83 Resp: 504343
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.8





#31
Cyclohexane
Concen: 42.964 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

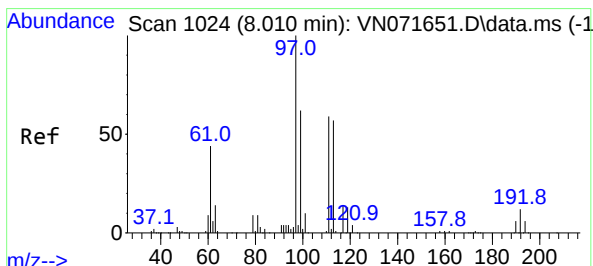
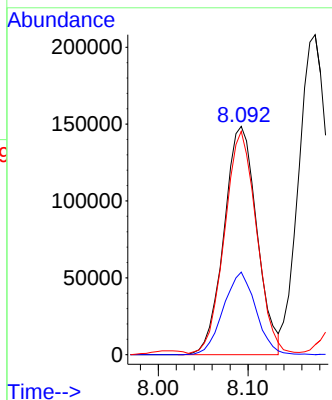
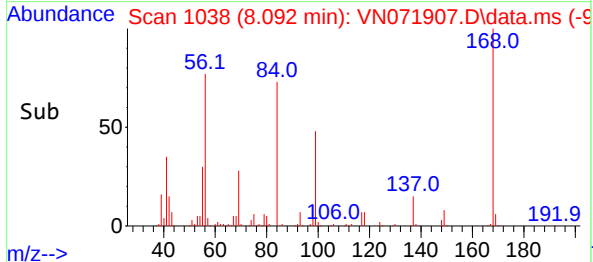
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



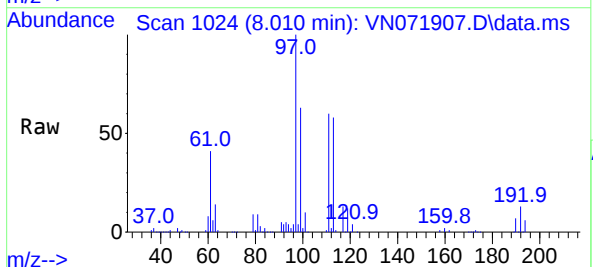
Tgt Ion: 56 Resp: 37809
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.8
84 96.3 76.9 115.3

Manual Integrations
APPROVED

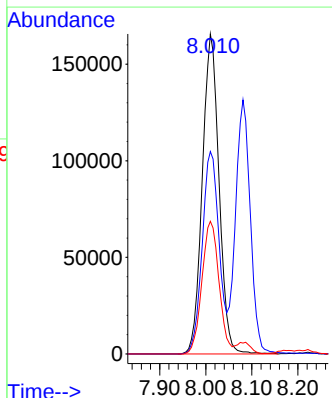
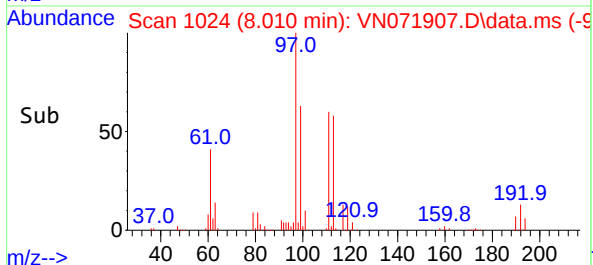
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

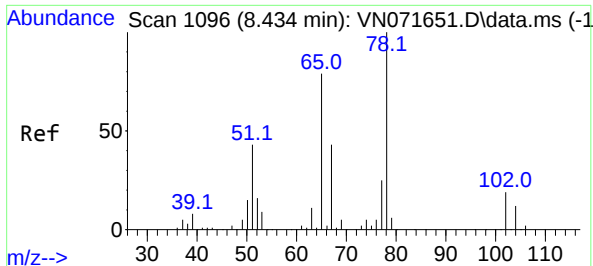


#32
1,1,1-Trichloroethane
Concen: 47.742 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion: 97 Resp: 418547
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 42.4 36.0 54.0





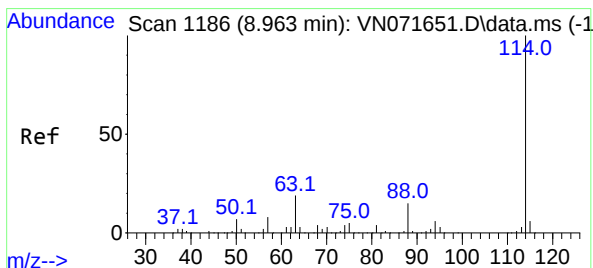
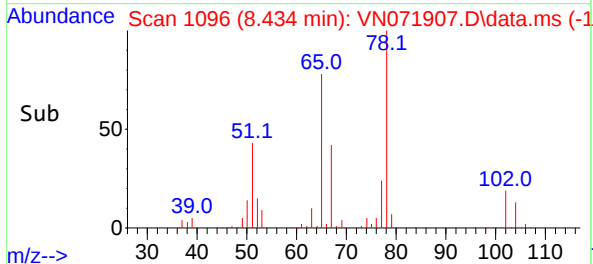
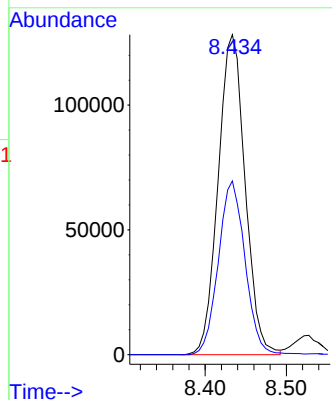
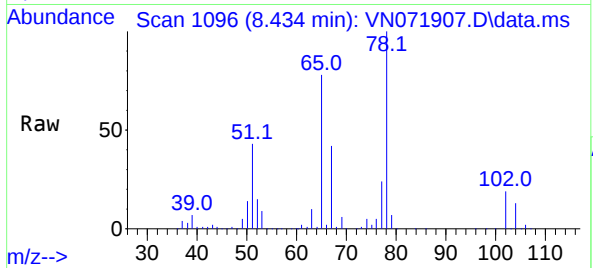
#33
1,2-Dichloroethane-d4
Concen: 45.725 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 295892
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

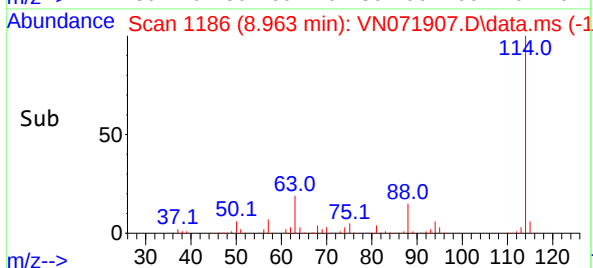
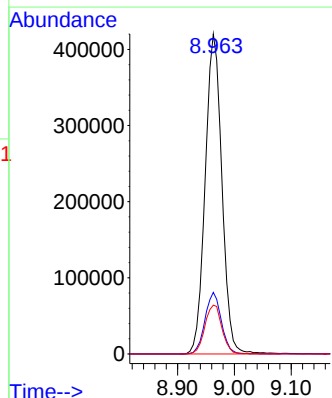
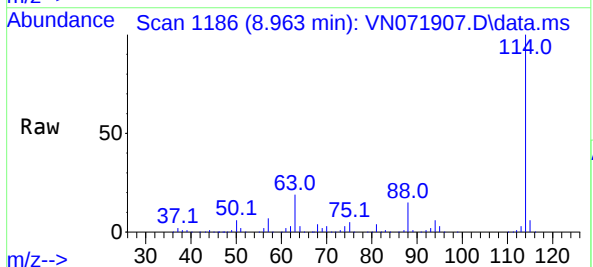
Manual Integrations
APPROVED

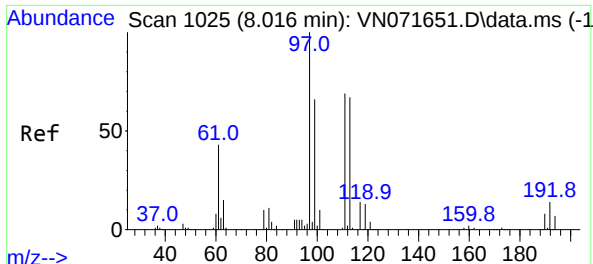
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

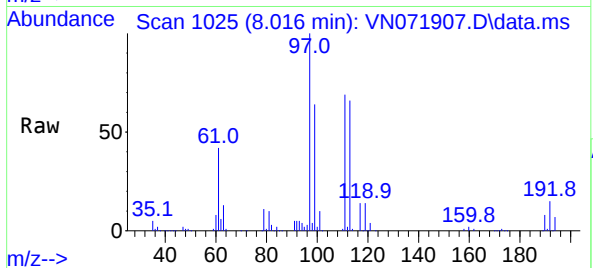
Tgt Ion:114 Resp: 855903
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.182 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

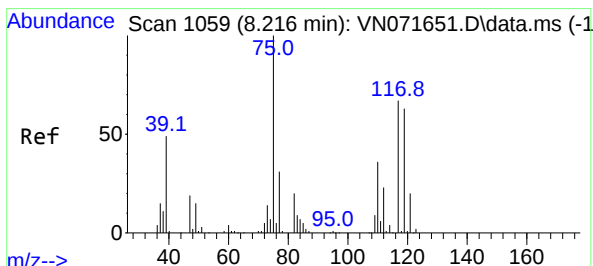
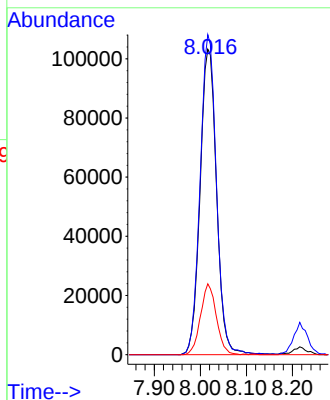
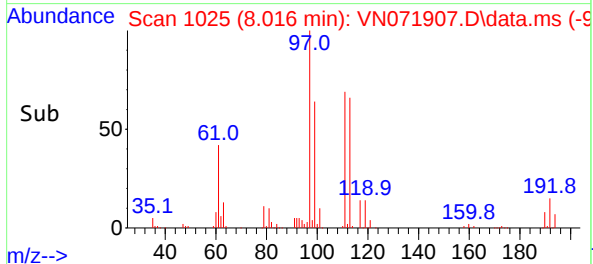
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



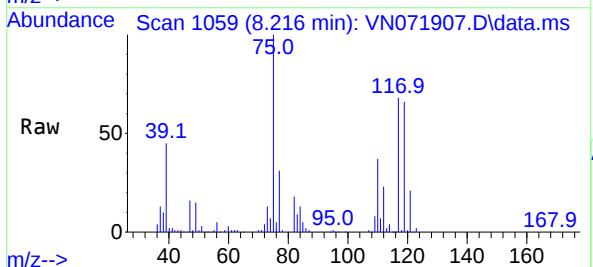
Tgt Ion: 113 Resp: 257780
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 22.2 17.0 25.6

Manual Integrations
APPROVED

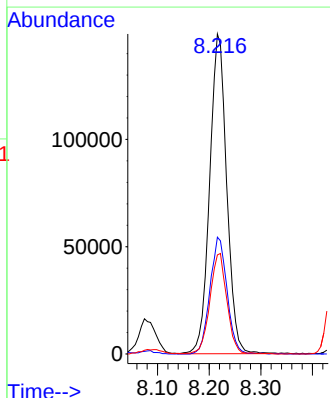
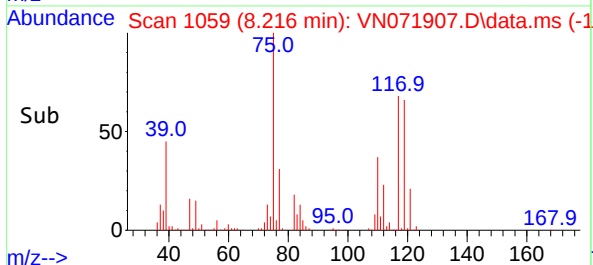
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

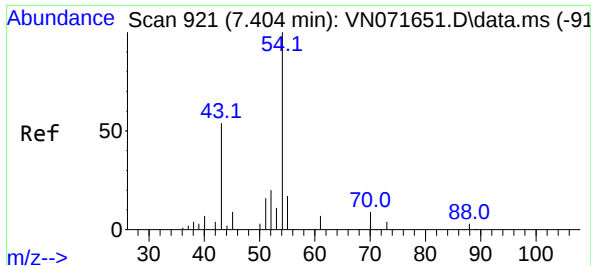


#36
1,1-Dichloropropene
Concen: 48.566 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



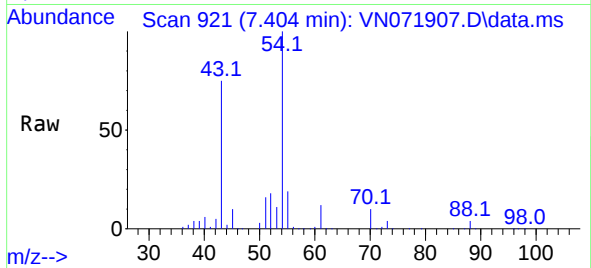
Tgt Ion: 75 Resp: 341576
Ion Ratio Lower Upper
75 100
110 36.6 18.3 54.8
77 31.4 25.1 37.7





#37
Ethyl Acetate
Concen: 49.410 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

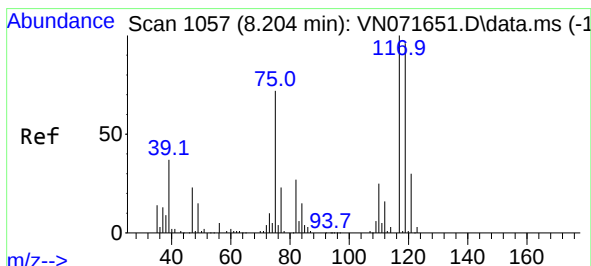
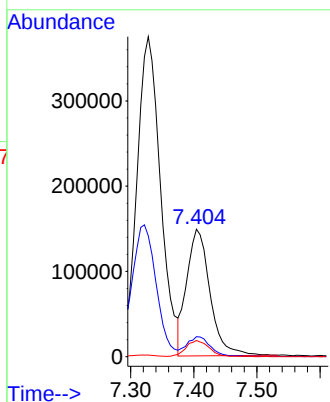
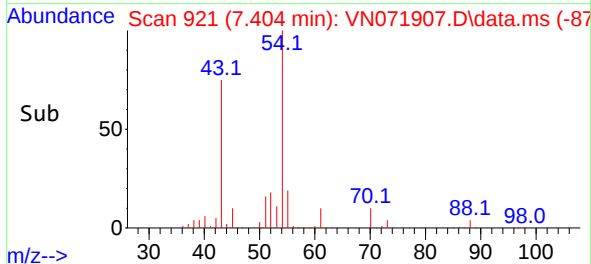
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



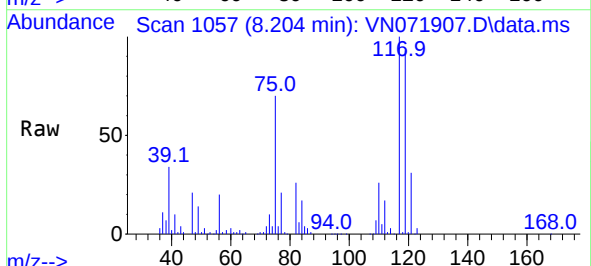
Tgt Ion: 43 Resp: 380368
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 12.8 9.3 13.9

Manual Integrations
APPROVED

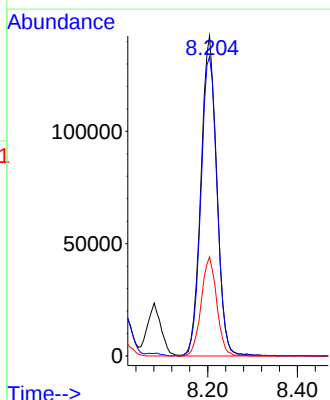
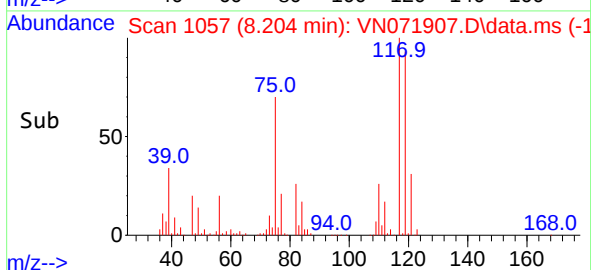
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

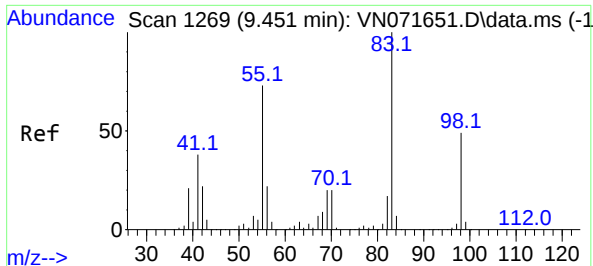


#38
Carbon Tetrachloride
Concen: 50.617 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion:117 Resp: 348904
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.8
121 31.0 24.6 37.0





#39

Methylcyclohexane

Concen: 49.550 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071907.D

Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 41484

Ion Ratio Lower Upper

83 100

55 72.5 57.8 86.8

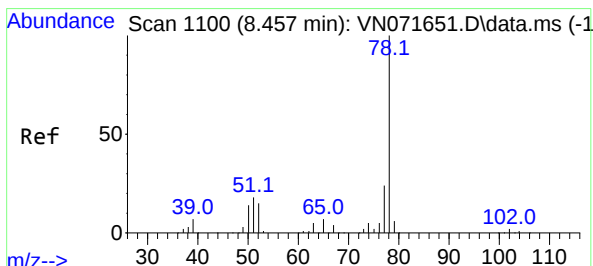
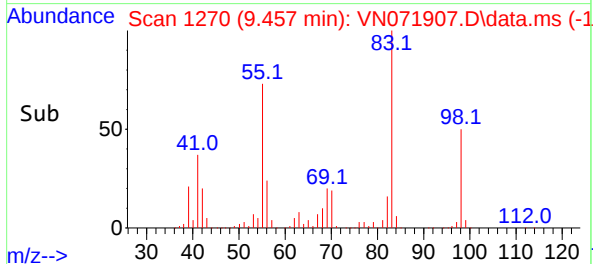
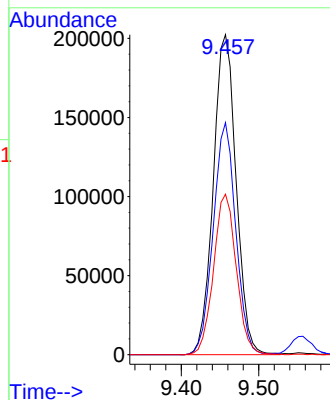
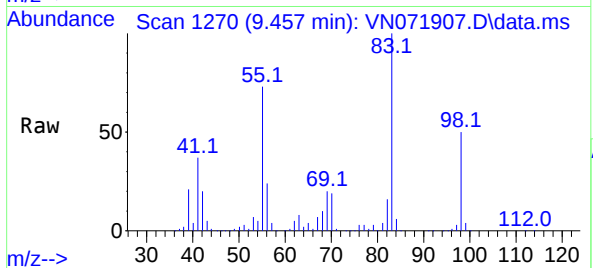
98 50.1 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#40

Benzene

Concen: 50.297 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071907.D

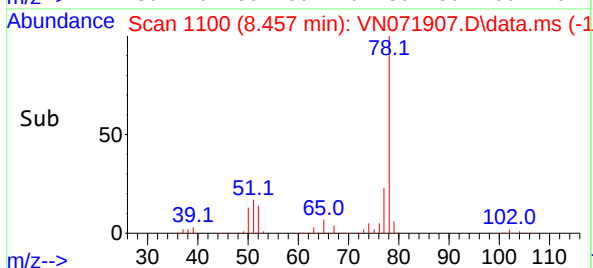
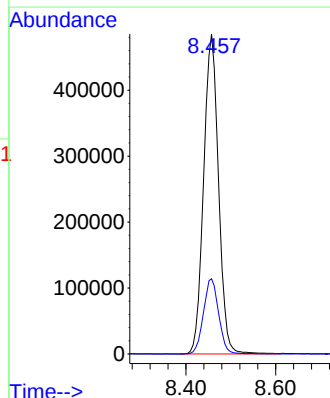
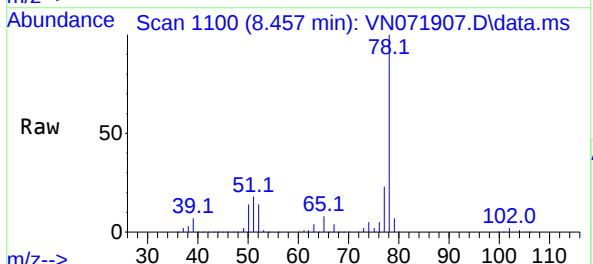
Acq: 08 Apr 2022 10:09

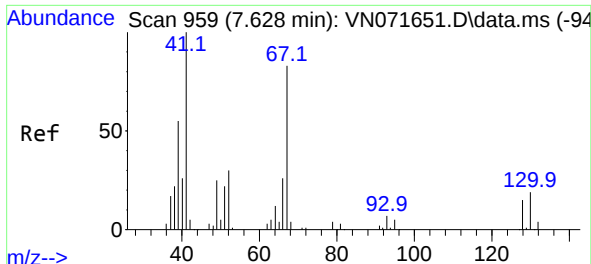
Tgt Ion: 78 Resp: 1117501

Ion Ratio Lower Upper

78 100

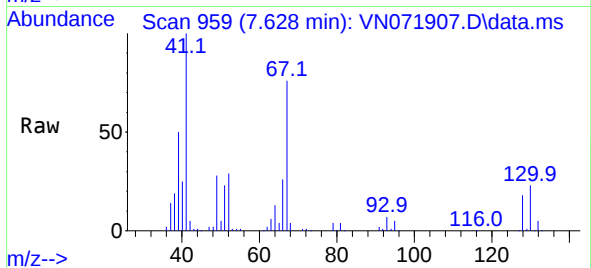
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 56.765 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

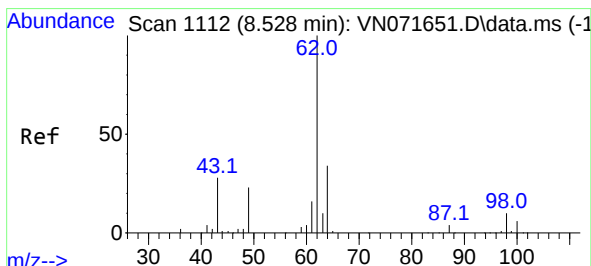
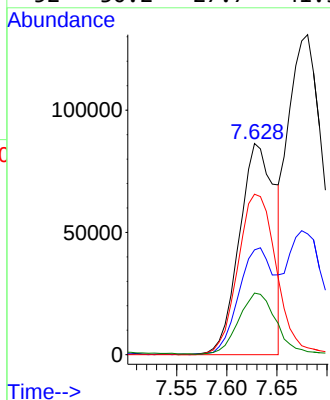
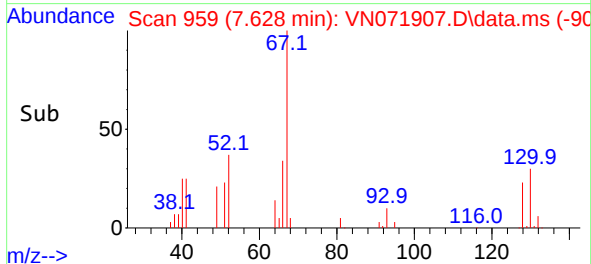
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



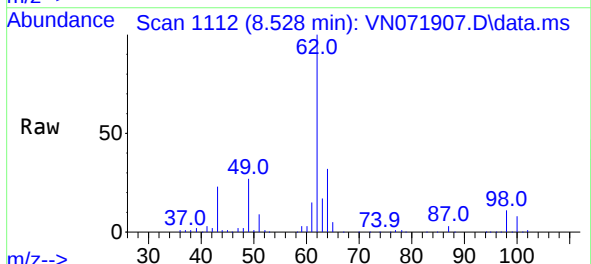
Tgt Ion: 41 Resp: 21396
Ion Ratio Lower Upper
41 100
39 51.0 48.6 73.0
67 83.0 73.4 110.2
52 30.2 27.7 41.5

Manual Integrations
APPROVED

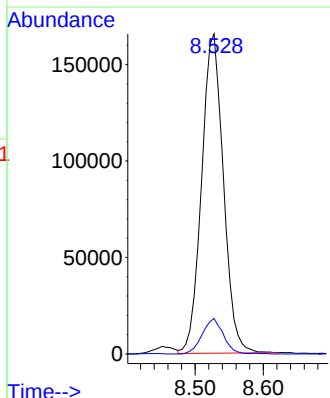
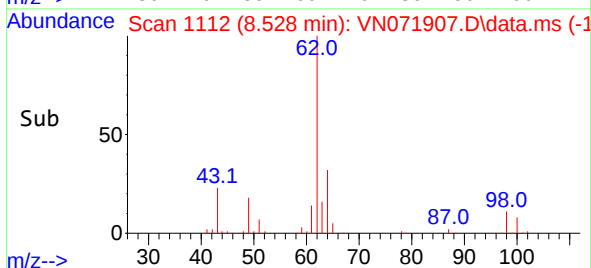
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

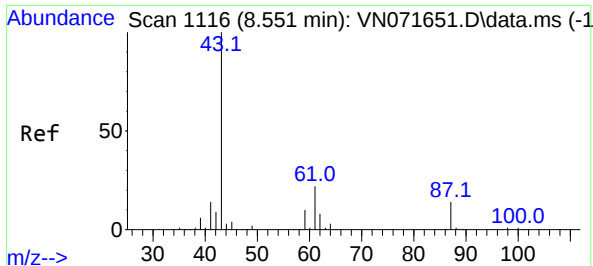


#42
1,2-Dichloroethane
Concen: 47.925 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion: 62 Resp: 368332
Ion Ratio Lower Upper
62 100
98 10.7 0.0 19.4





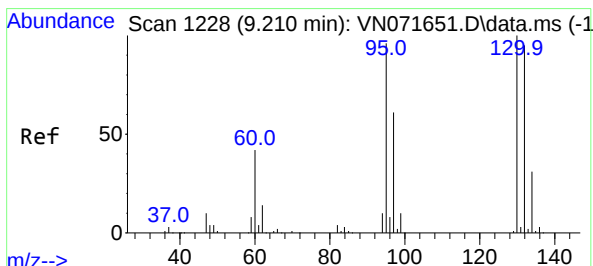
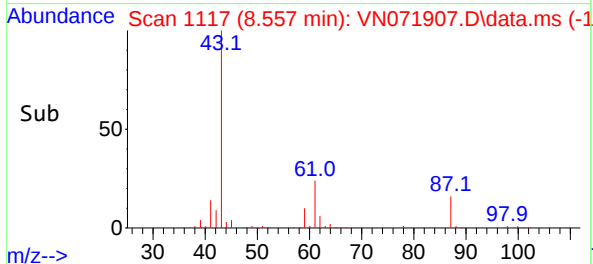
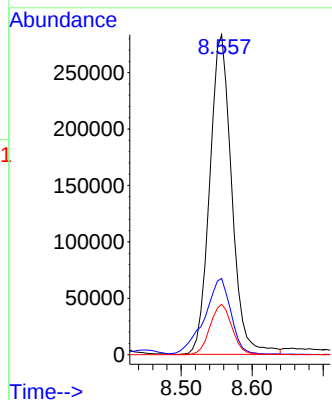
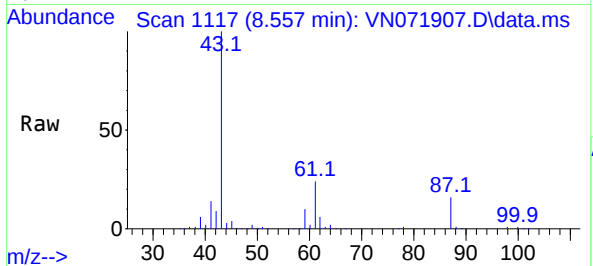
#43
Isopropyl Acetate
Concen: 47.616 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 60969
Ion Ratio Lower Upper
43 100
61 28.9 21.9 32.9
87 15.7 12.0 18.0

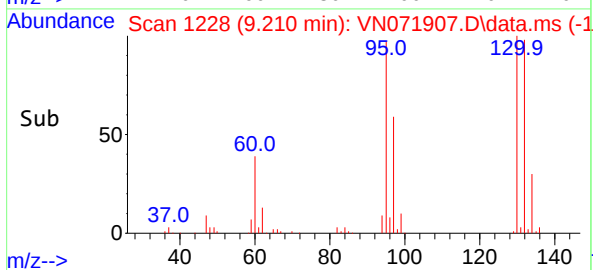
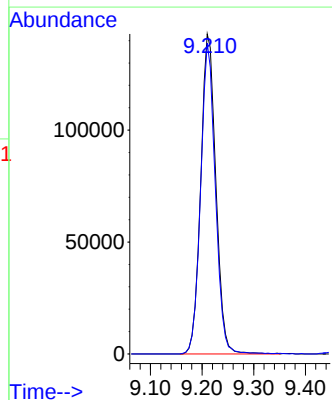
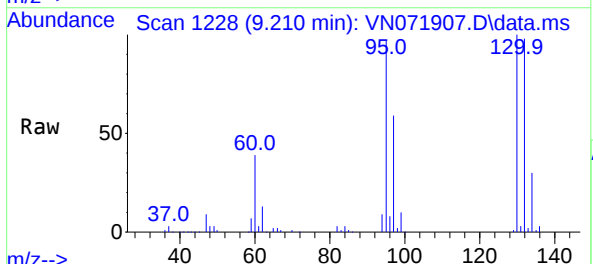
Manual Integrations
APPROVED

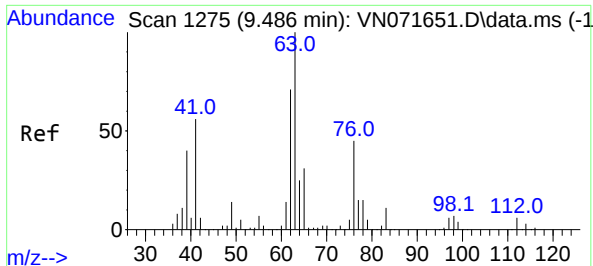
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#44
Trichloroethene
Concen: 50.724 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Tgt Ion:130 Resp: 290340
Ion Ratio Lower Upper
130 100
95 97.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 52.921 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071907.D

Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 29373

Ion Ratio Lower Upper

63 100

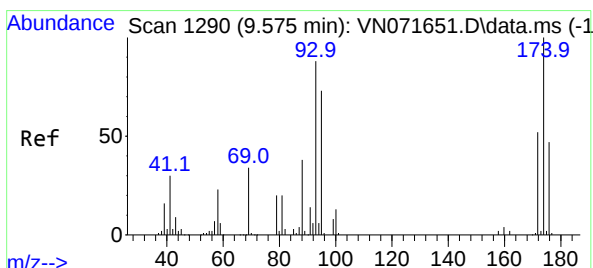
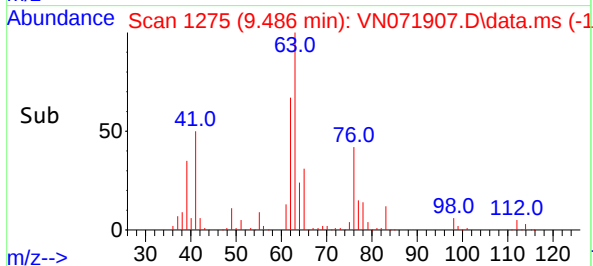
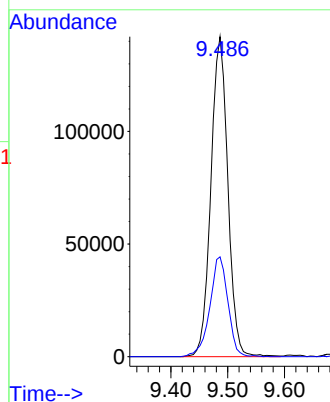
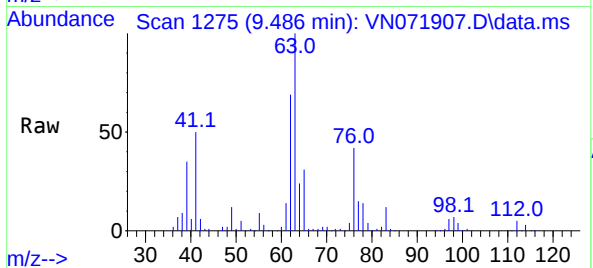
65 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#46

Dibromomethane

Concen: 51.084 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071907.D

Acq: 08 Apr 2022 10:09

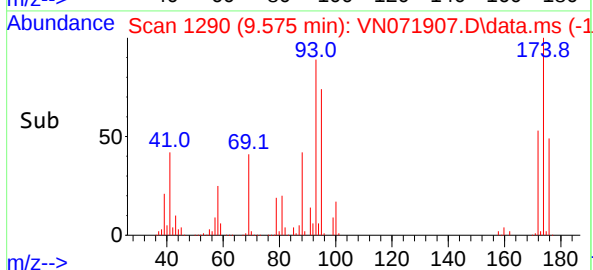
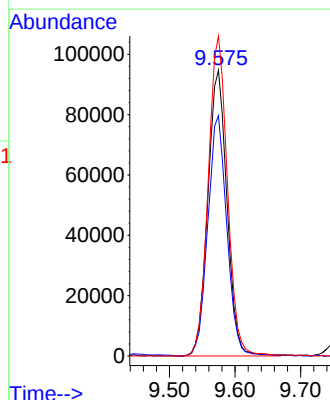
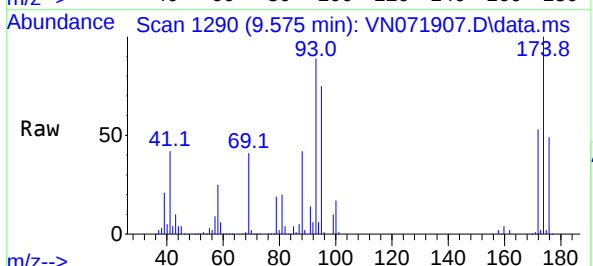
Tgt Ion: 93 Resp: 192512

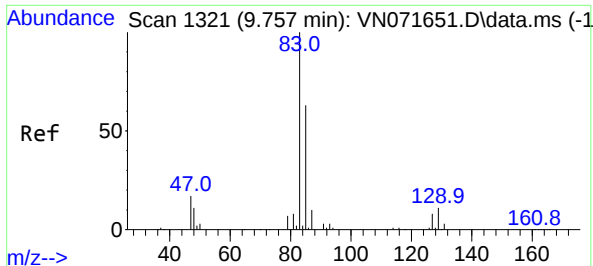
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

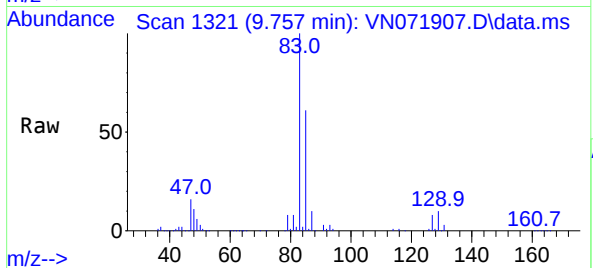
174 112.5 86.6 130.0





#47
Bromodichloromethane
Concen: 54.214 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

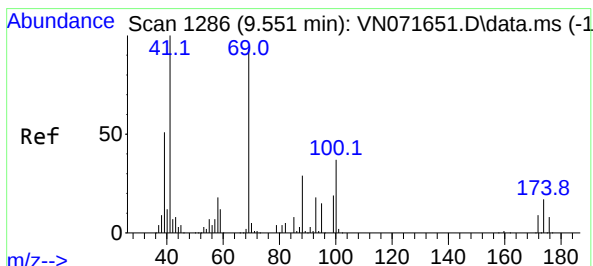
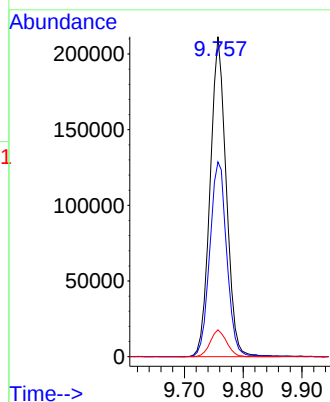
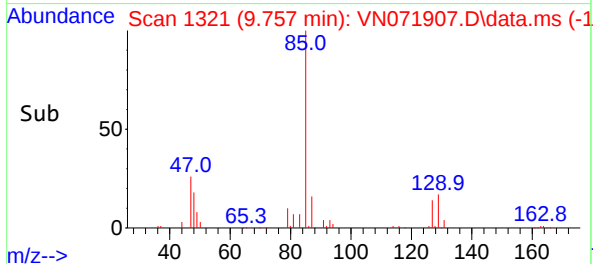
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



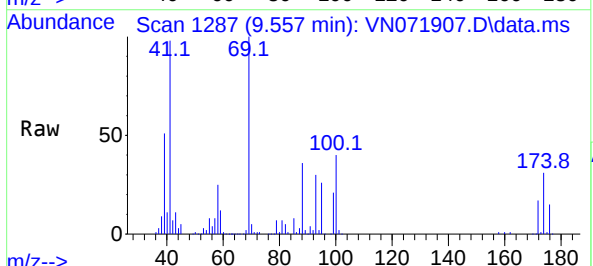
Tgt Ion: 83 Resp: 40217
Ion Ratio Lower Upper
83 100
85 60.8 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

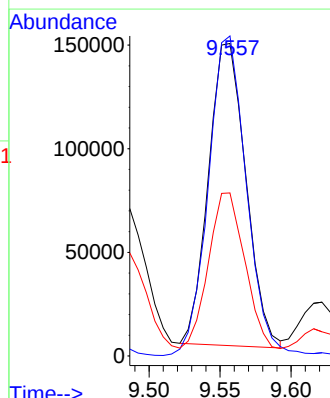
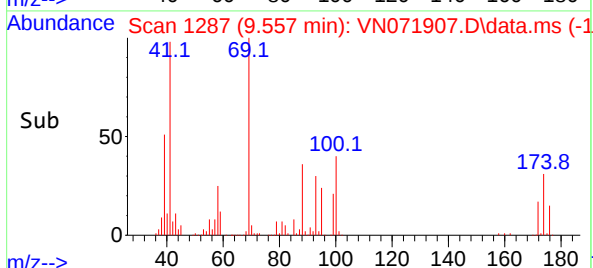
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

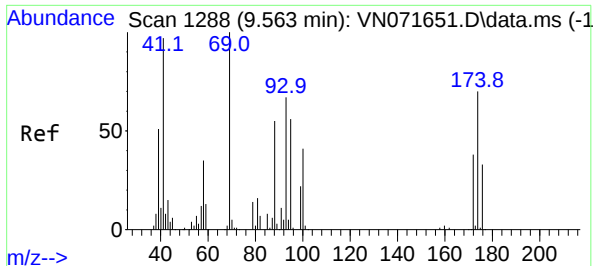


#48
Methyl methacrylate
Concen: 50.230 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion: 41 Resp: 266839
Ion Ratio Lower Upper
41 100
69 109.3 74.7 112.1
39 55.0 45.6 68.4





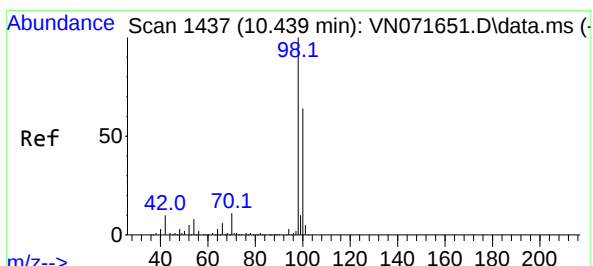
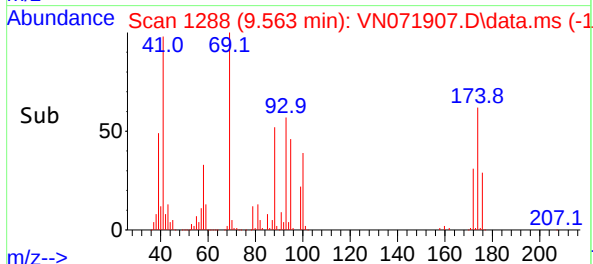
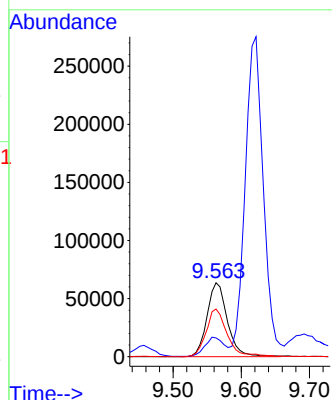
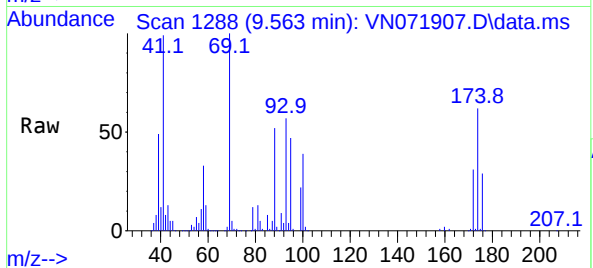
#49
1,4-Dioxane
Concen: 1045.206 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 13164
Ion Ratio Lower Upper
88 100
43 24.2 20.2 30.4
58 67.5 54.2 81.4

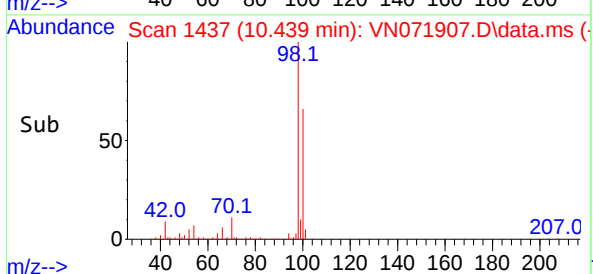
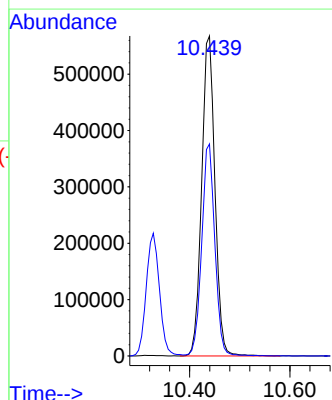
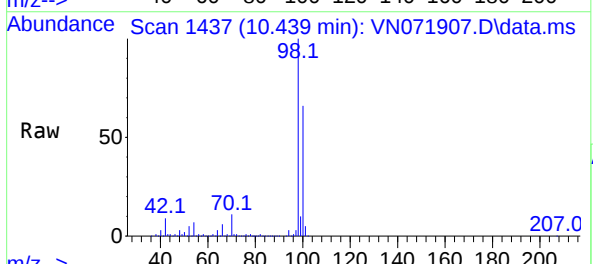
Manual Integrations
APPROVED

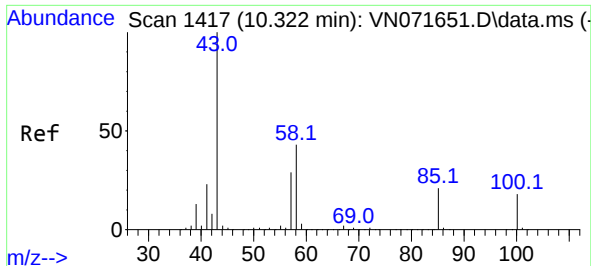
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#50
Toluene-d8
Concen: 50.576 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

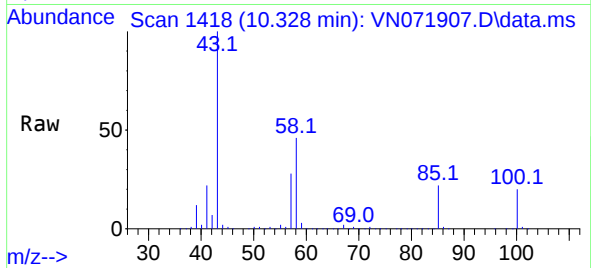
Tgt Ion: 98 Resp: 1042031
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 274.387 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

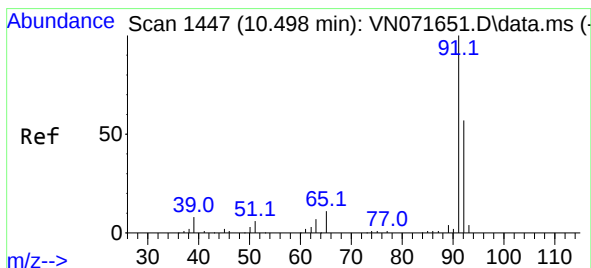
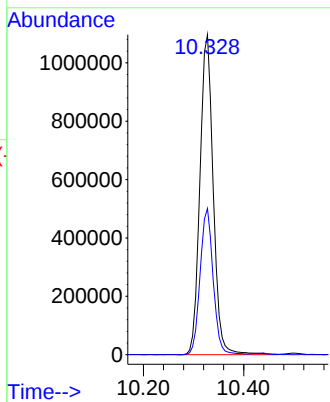
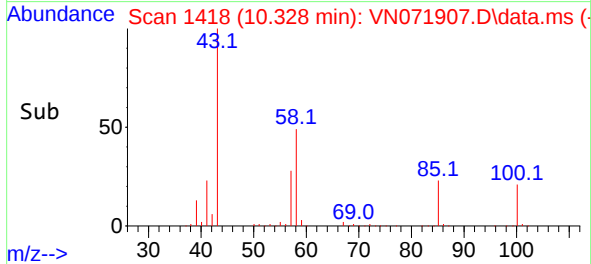
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 201998
Ion Ratio Lower Upper
43 100
58 44.8 34.1 51.1

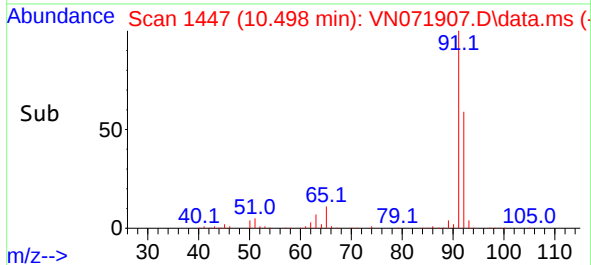
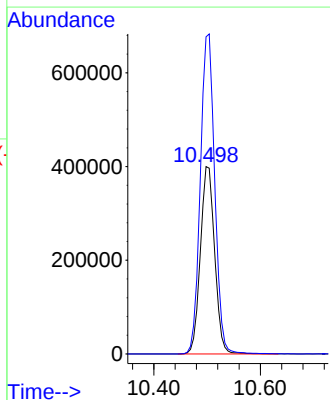
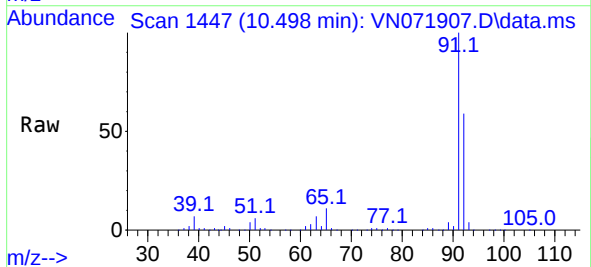
Manual Integrations
APPROVED

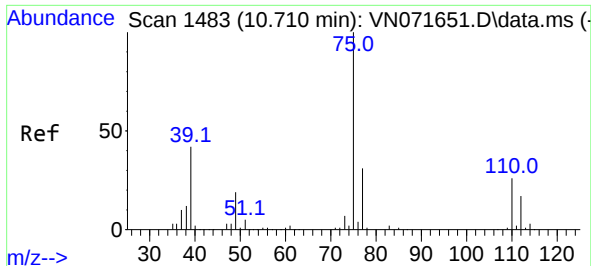
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#52
Toluene
Concen: 52.983 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Tgt Ion: 92 Resp: 744115
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 55.245 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

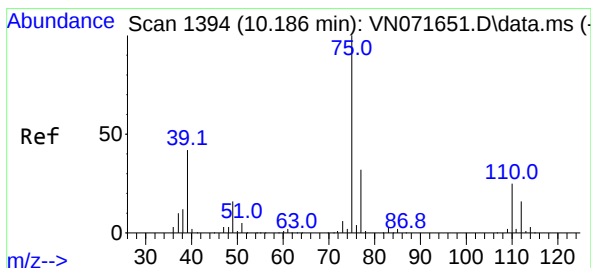
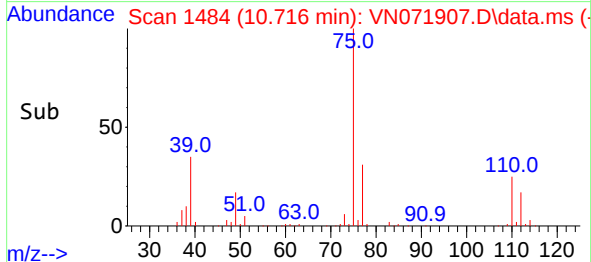
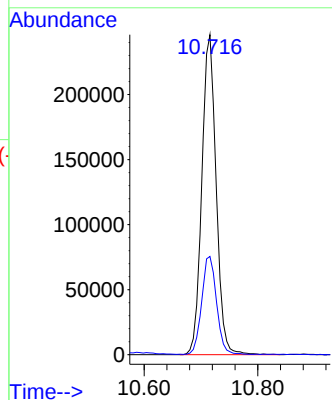
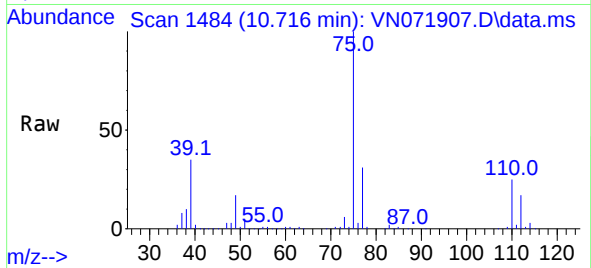
VSTDCCC050

Tgt Ion: 75 Resp: 42951
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4

Manual Integrations

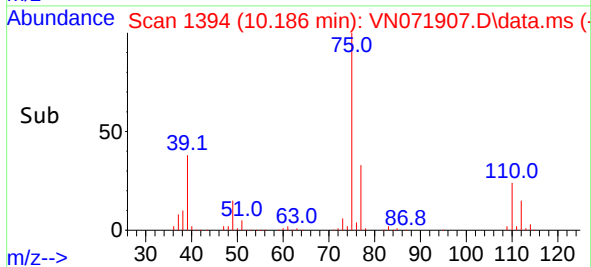
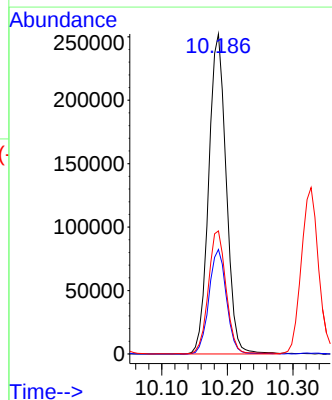
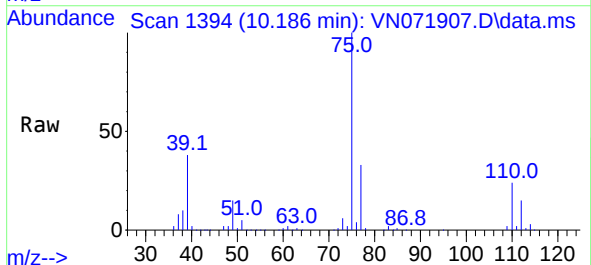
APPROVED

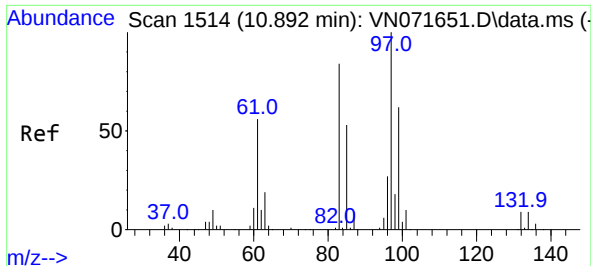
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#54
cis-1,3-Dichloropropene
Concen: 54.470 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

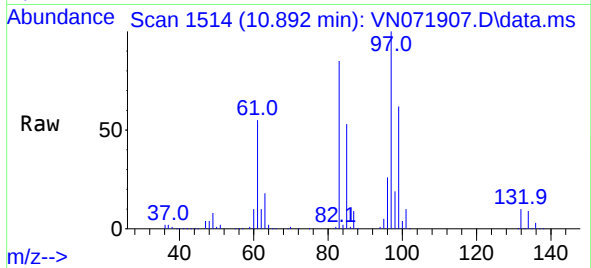
Tgt Ion: 75 Resp: 467920
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 38.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 53.668 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

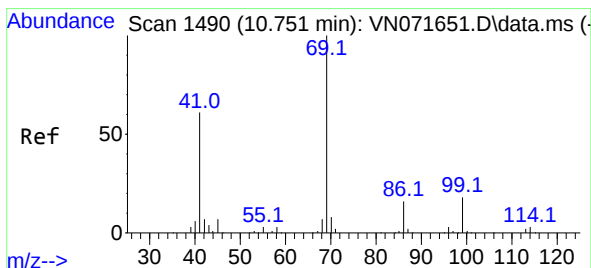
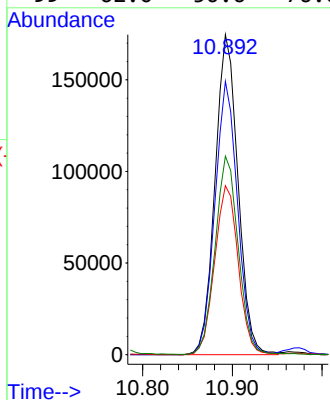
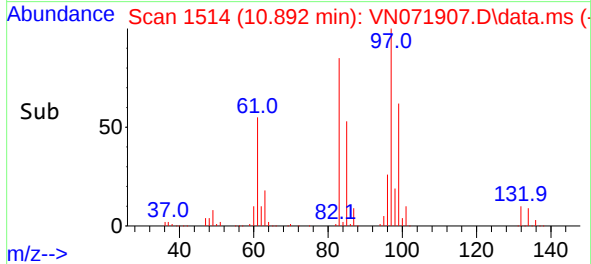
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



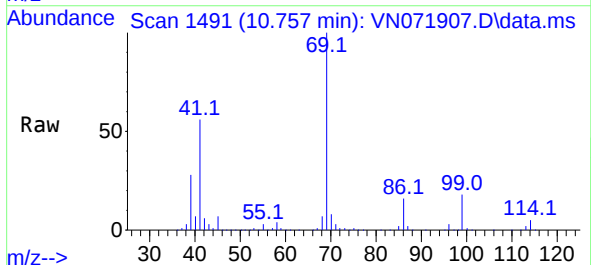
Tgt Ion: 97 Resp: 31021
Ion Ratio Lower Upper
97 100
83 85.4 66.2 99.4
85 52.8 43.9 65.9
99 62.0 50.6 76.0

Manual Integrations
APPROVED

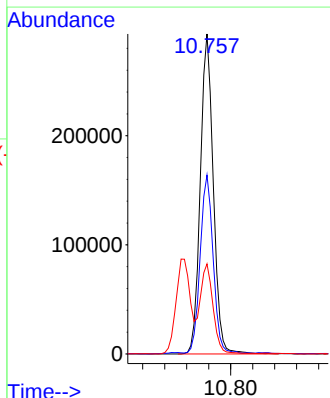
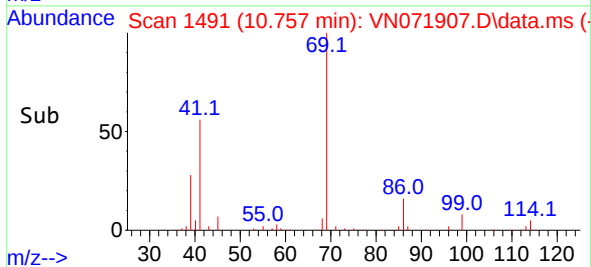
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

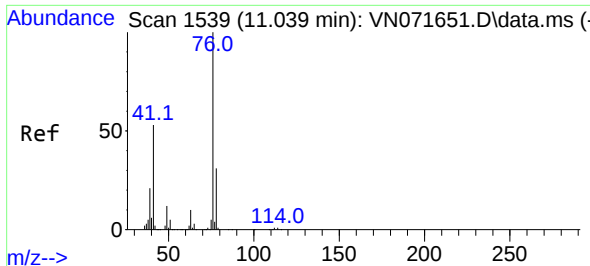


#56
Ethyl methacrylate
Concen: 58.385 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion: 69 Resp: 481428
Ion Ratio Lower Upper
69 100
41 55.3 47.8 71.6
39 28.1 27.3 40.9





#57

1,3-Dichloropropane

Concen: 53.557 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071907.D

Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 51759

Ion Ratio Lower Upper

76 100

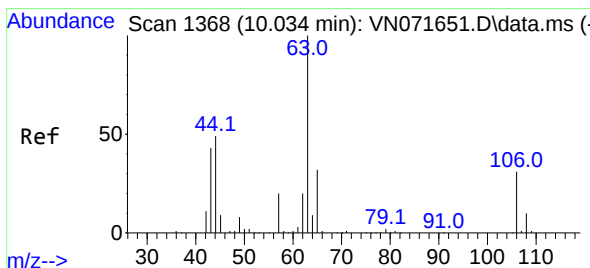
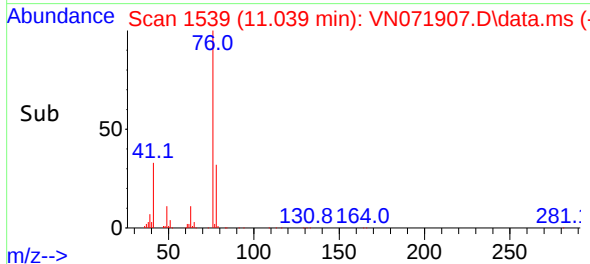
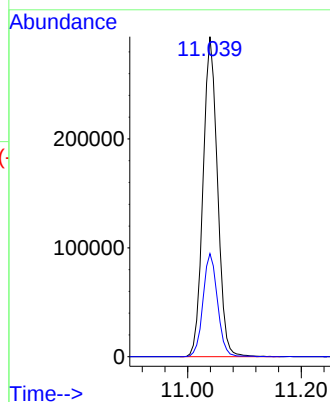
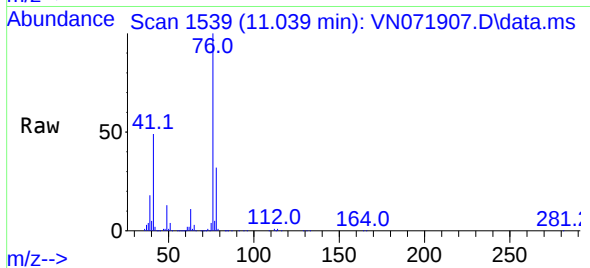
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/11/2022

Supervised By :Mahesh Dadoda 04/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 222.958 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.001 min

Lab File: VN071907.D

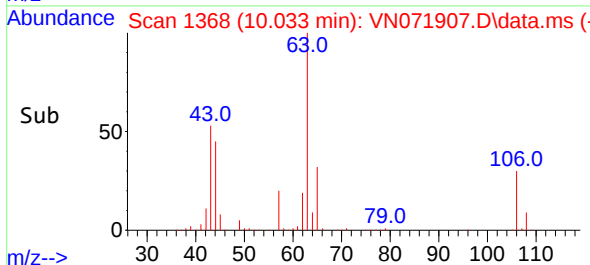
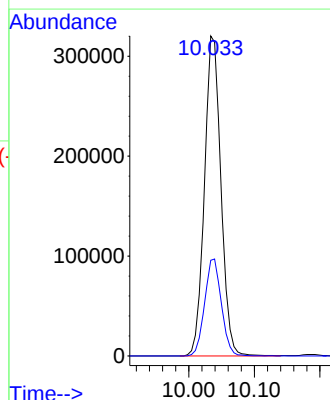
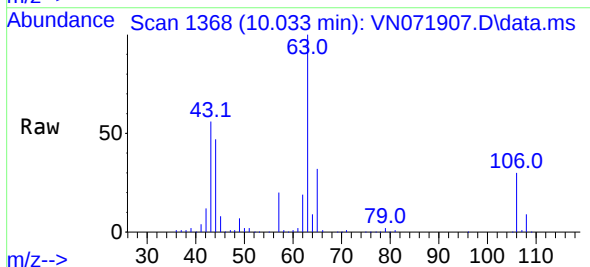
Acq: 08 Apr 2022 10:09

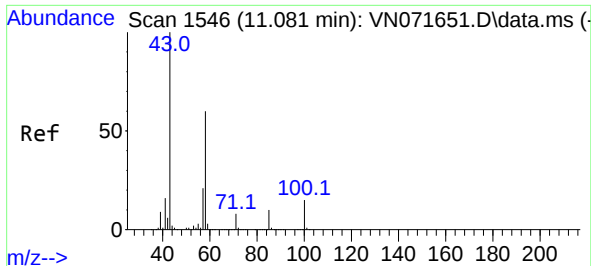
Tgt Ion: 63 Resp: 560997

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8





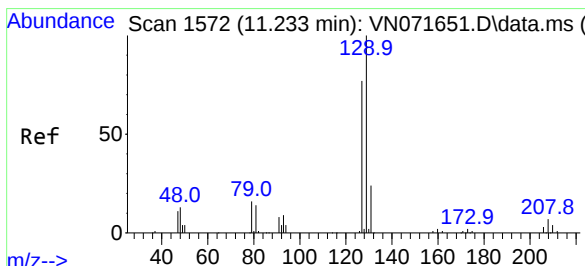
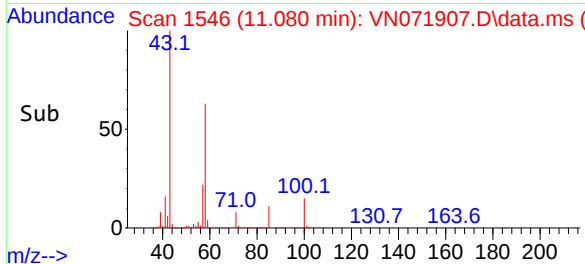
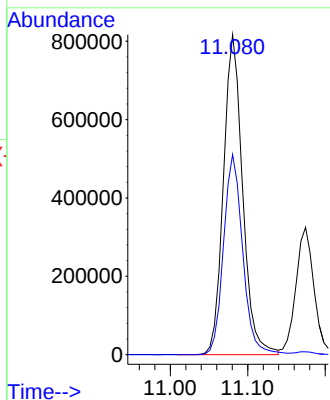
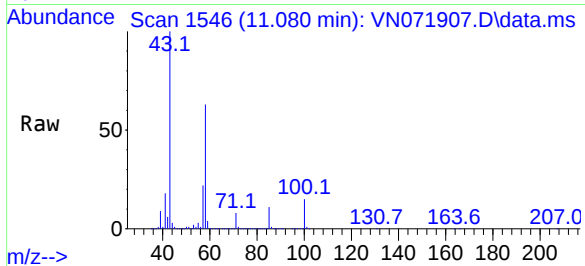
#59
2-Hexanone
Concen: 271.153 ug/l
RT: 11.080 min Scan# 110541
Delta R.T. -0.001 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 140541
Ion Ratio Lower Upper
43 100
58 62.5 29.7 89.1

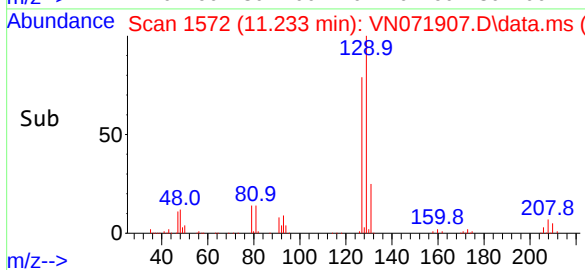
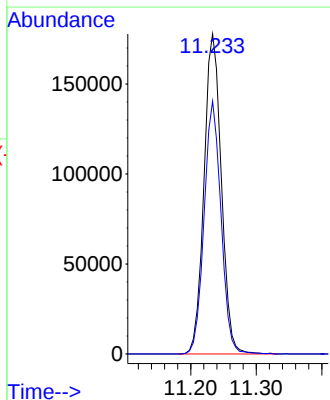
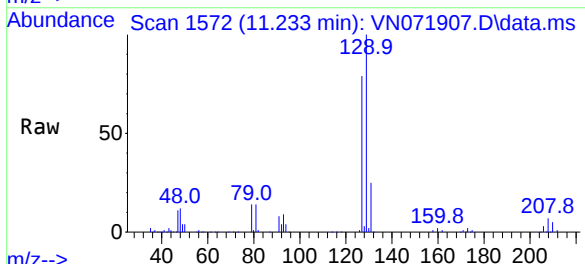
Manual Integrations
APPROVED

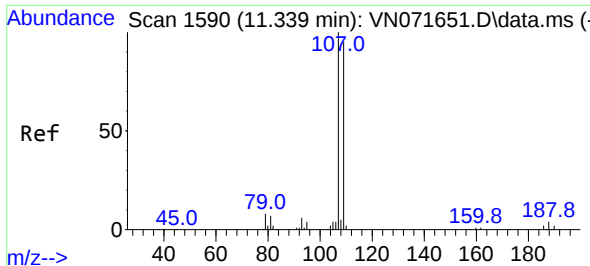
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#60
Dibromochloromethane
Concen: 57.901 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Tgt Ion:129 Resp: 326329
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





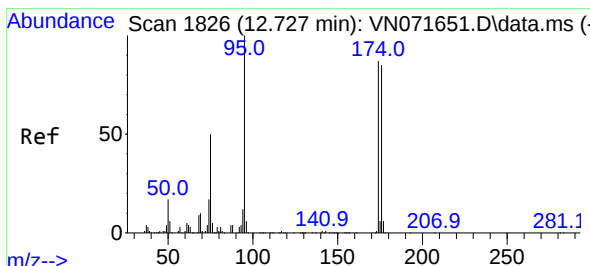
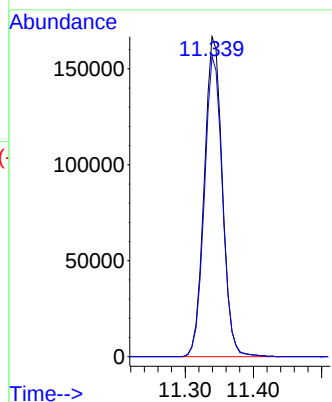
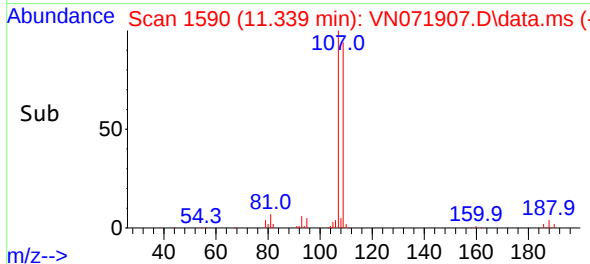
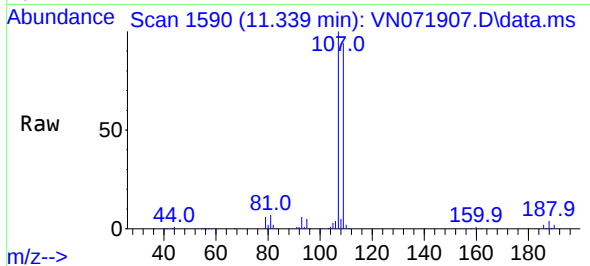
#61
1,2-Dibromoethane
Concen: 54.127 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 30796
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.6

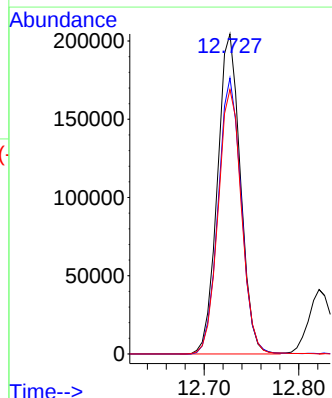
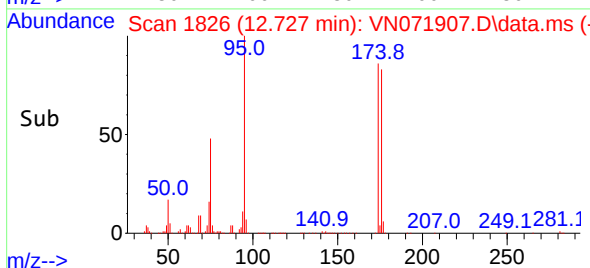
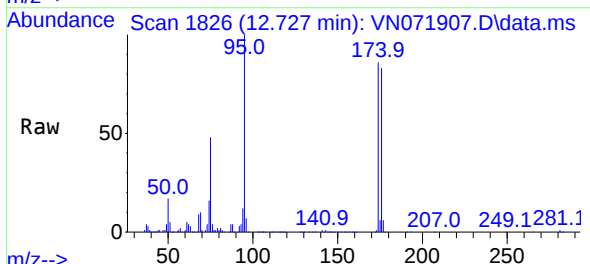
Manual Integrations
APPROVED

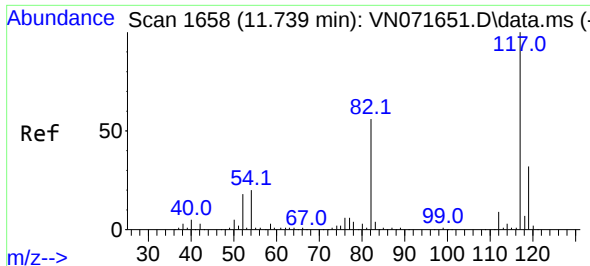
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#62
4-Bromofluorobenzene
Concen: 51.801 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

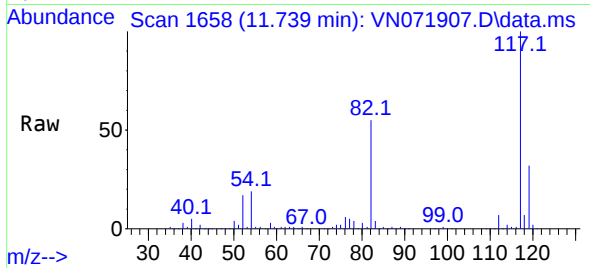
Tgt Ion: 95 Resp: 345168
Ion Ratio Lower Upper
95 100
174 86.4 0.0 167.6
176 84.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

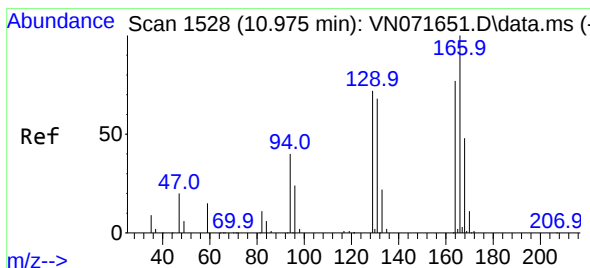
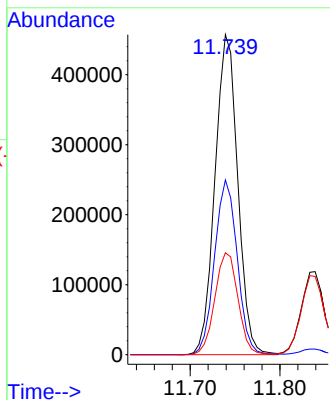
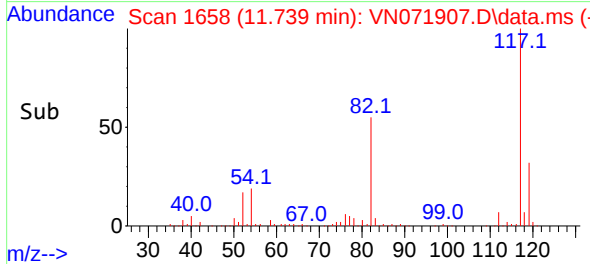
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



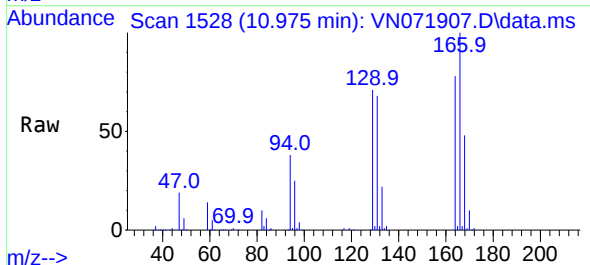
Tgt Ion:117 Resp: 806119
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations
APPROVED

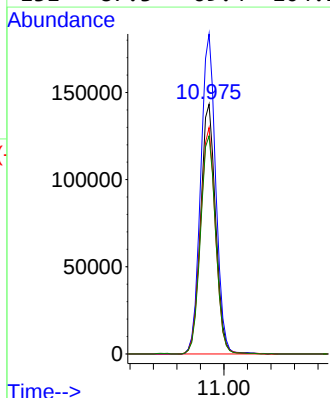
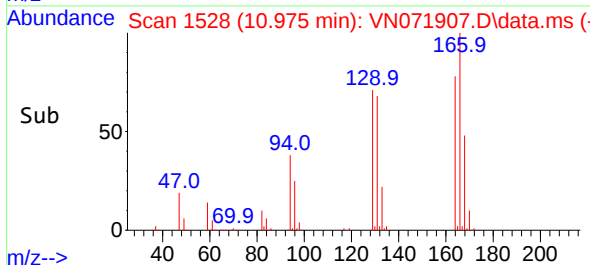
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

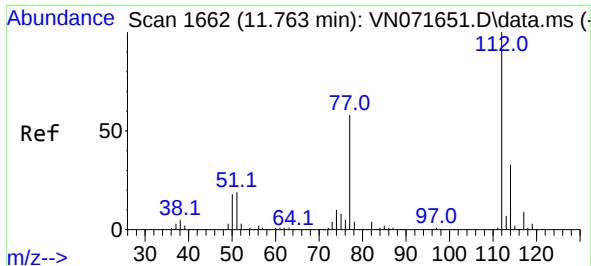


#64
Tetrachloroethene
Concen: 47.919 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



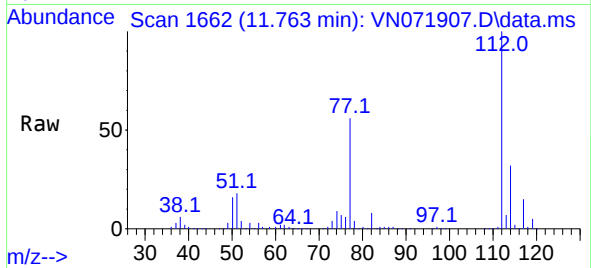
Tgt Ion:164 Resp: 255079
Ion Ratio Lower Upper
164 100
166 128.1 104.2 156.2
129 90.6 73.9 110.9
131 87.3 69.4 104.2





#65
Chlorobenzene
Concen: 50.898 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

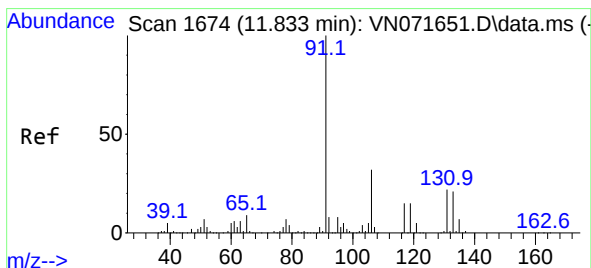
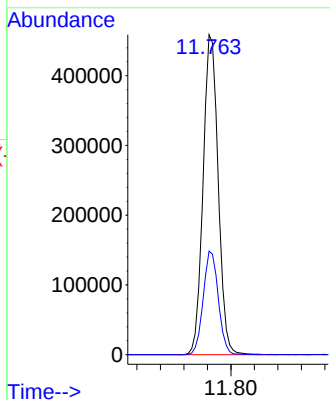
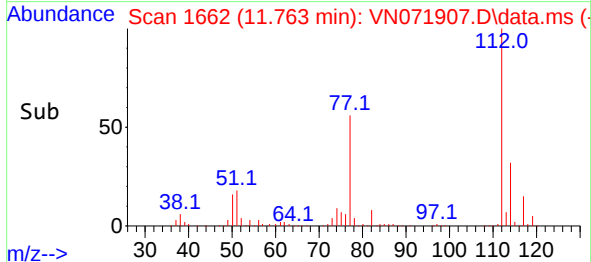
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



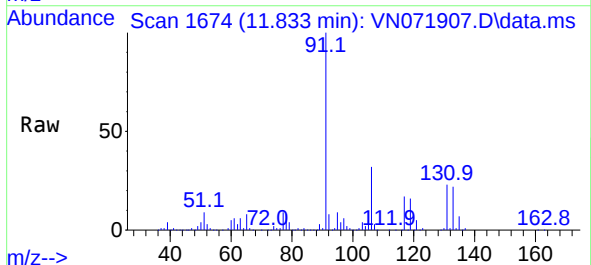
Tgt Ion:112 Resp: 82156
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.2

Manual Integrations
APPROVED

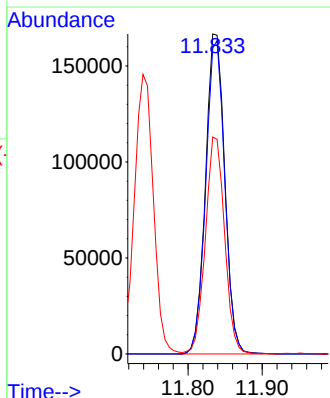
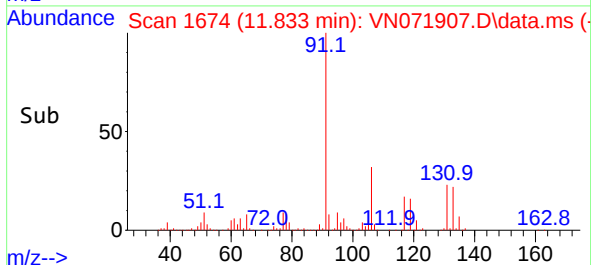
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

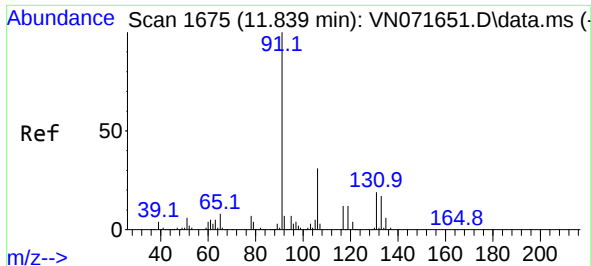


#66
1,1,1,2-Tetrachloroethane
Concen: 51.705 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion:131 Resp: 301160
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 67.7 33.4 100.2





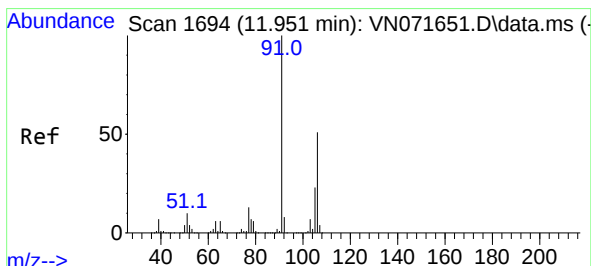
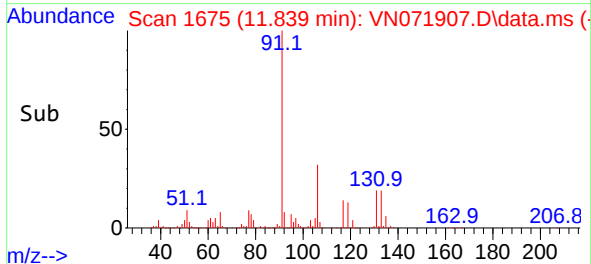
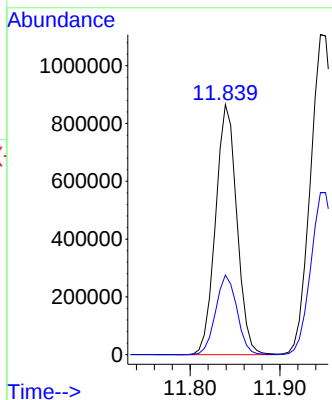
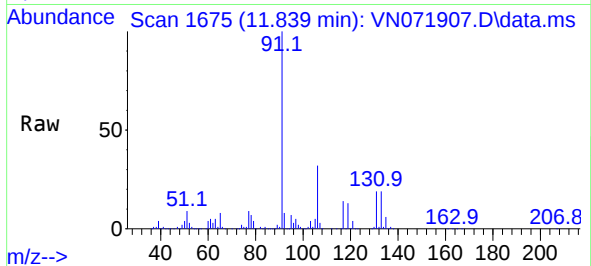
#67
Ethyl Benzene
Concen: 52.259 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1427970
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

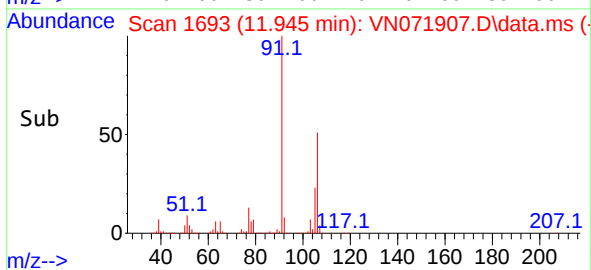
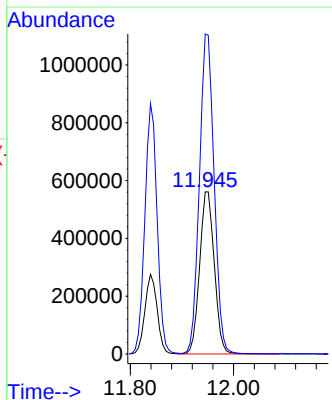
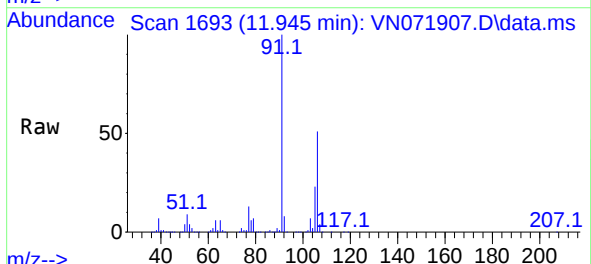
Manual Integrations
APPROVED

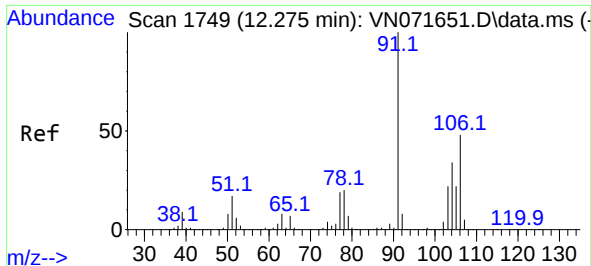
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#68
m/p-Xylenes
Concen: 105.074 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Tgt Ion:106 Resp: 1103168
Ion Ratio Lower Upper
106 100
91 198.3 158.9 238.3





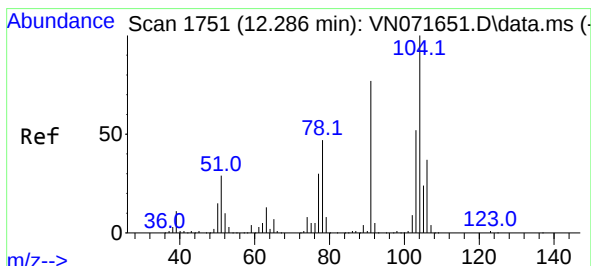
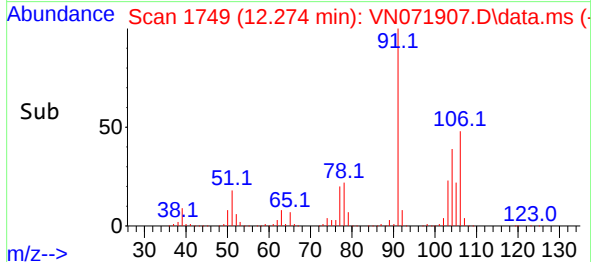
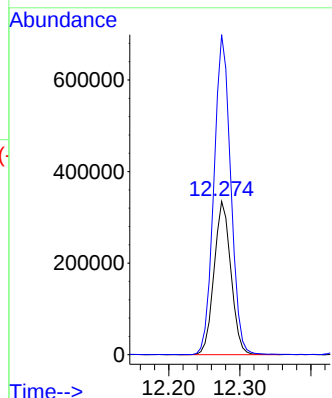
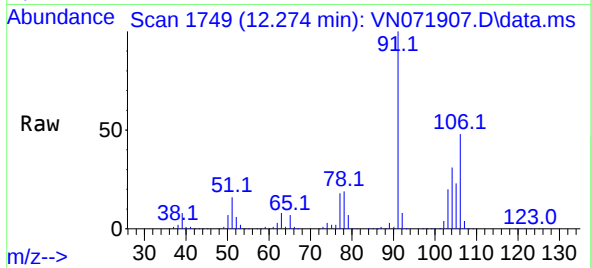
#69
o-Xylene
Concen: 52.768 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 54989
Ion Ratio Lower Upper
106 100
91 208.7 106.0 318.0

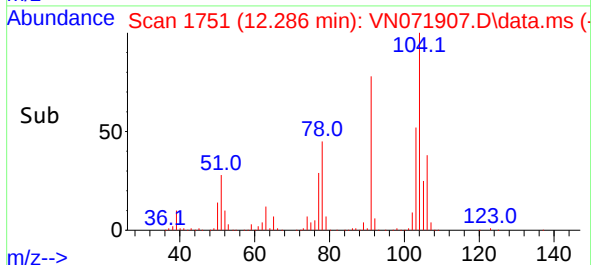
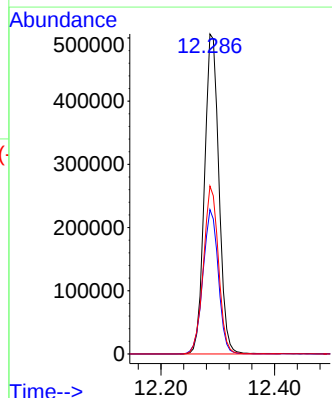
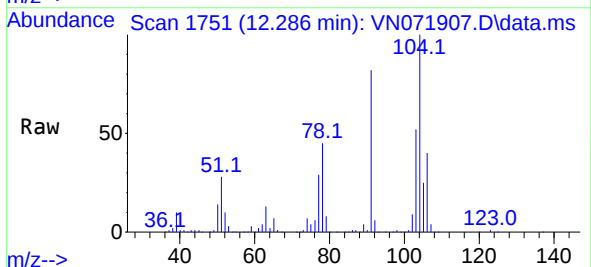
Manual Integrations
APPROVED

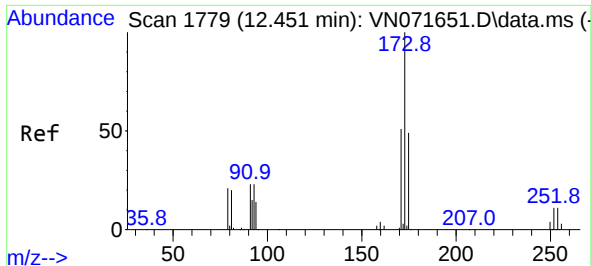
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#70
Styrene
Concen: 56.309 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

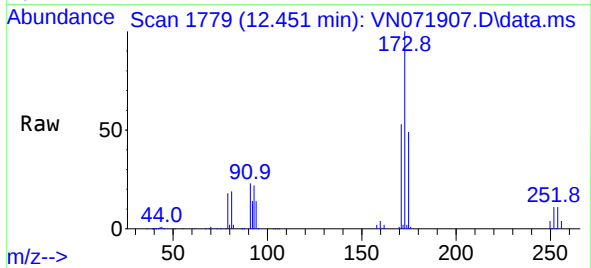
Tgt Ion:104 Resp: 889082
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 54.7 44.0 66.0





#71
Bromoform
Concen: 56.861 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

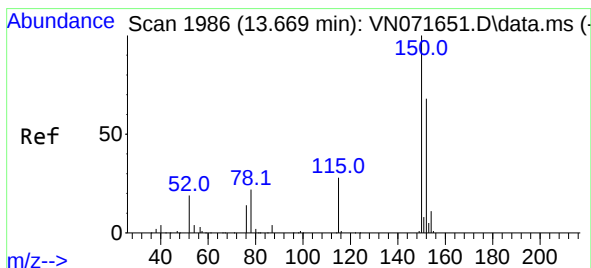
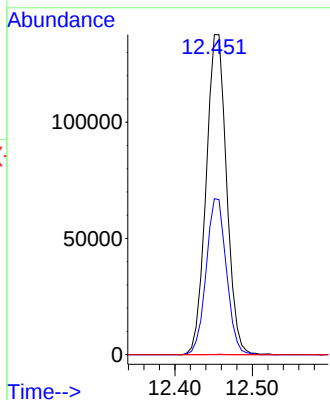
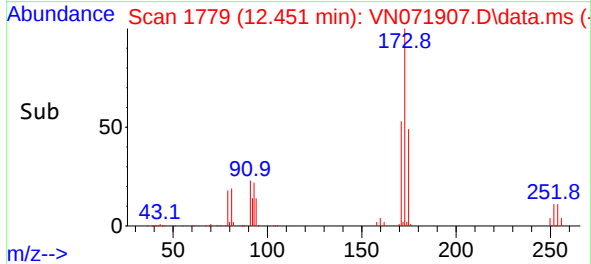
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



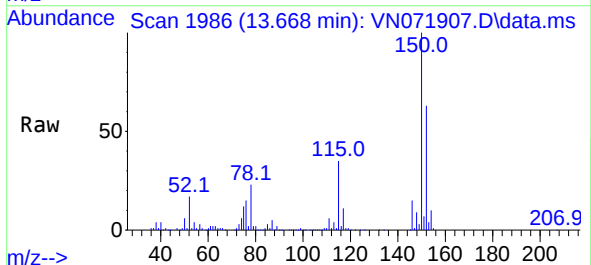
Tgt Ion:173 Resp: 252209
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

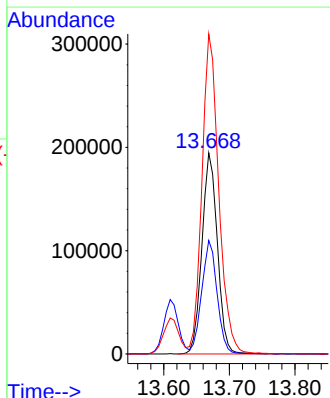
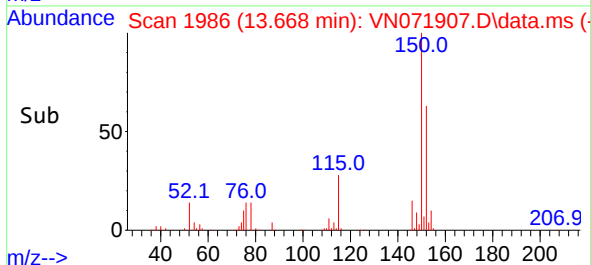
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

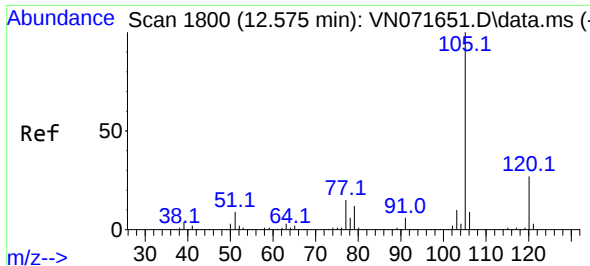


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion:152 Resp: 319665
Ion Ratio Lower Upper
152 100
115 55.8 28.9 86.7
150 173.3 0.0 356.2





#73
Isopropylbenzene
Concen: 53.060 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

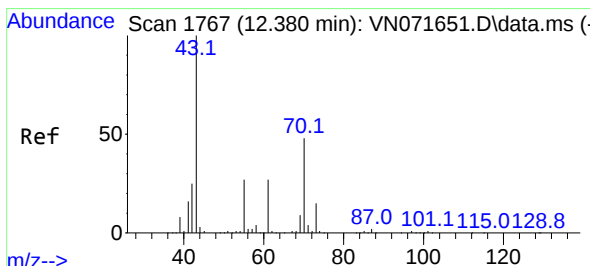
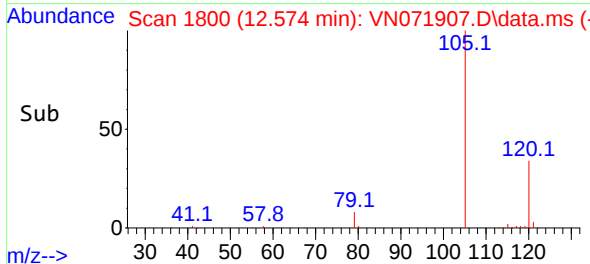
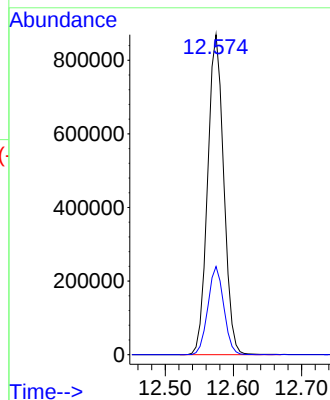
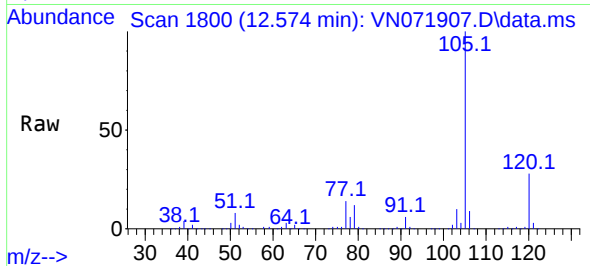
VSTDCCC050

Tgt Ion:105 Resp: 1429300
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations

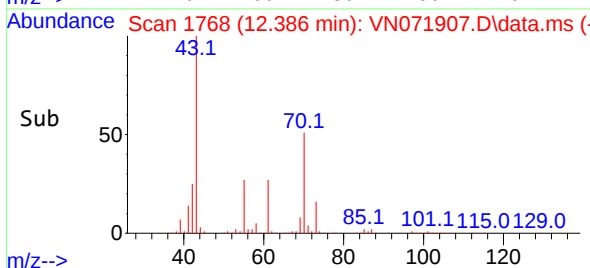
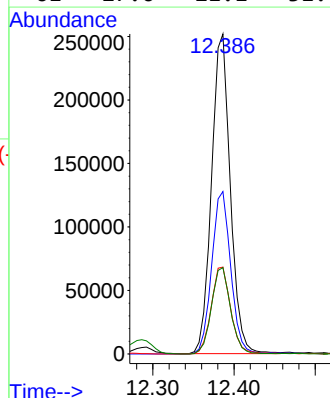
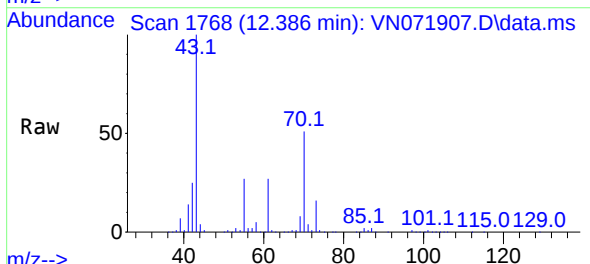
APPROVED

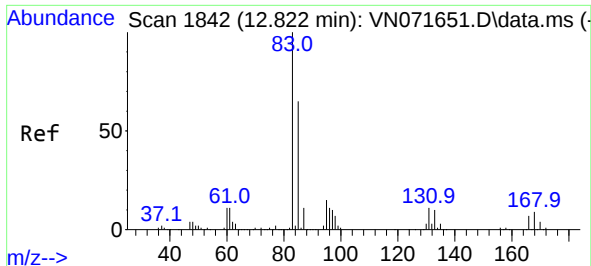
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#74
N-ethyl acetate
Concen: 52.358 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

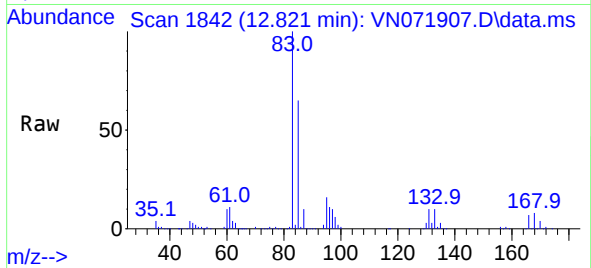
Tgt Ion: 43 Resp: 404105
Ion Ratio Lower Upper
43 100
70 51.5 39.0 58.4
55 28.5 21.1 31.7
61 27.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.881 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

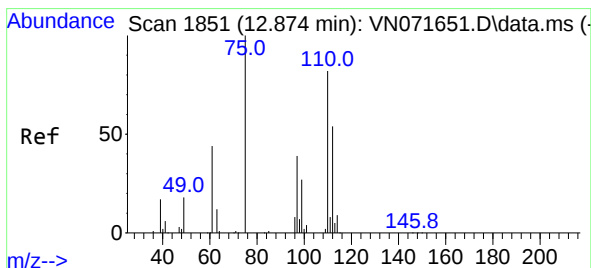
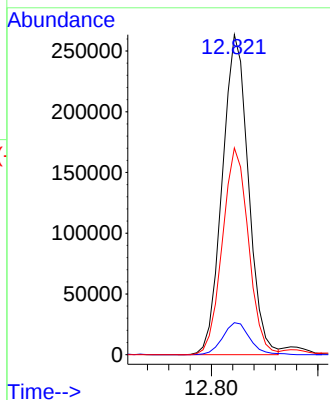
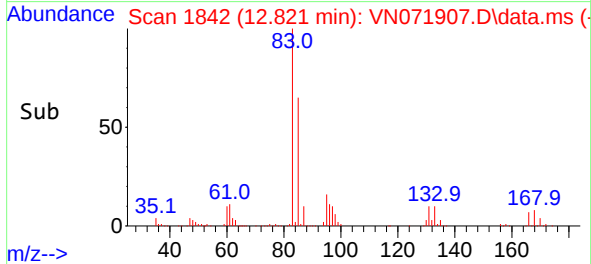
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



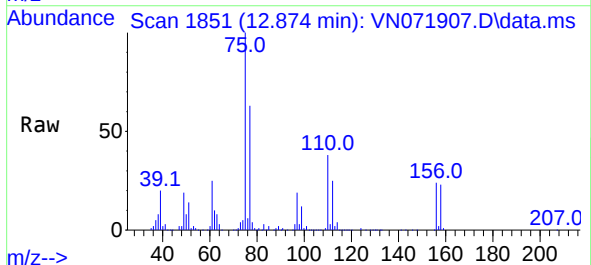
Tgt Ion: 83 Resp: 44832
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 64.5 32.3 96.9

Manual Integrations
APPROVED

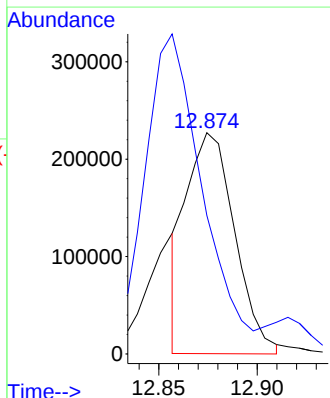
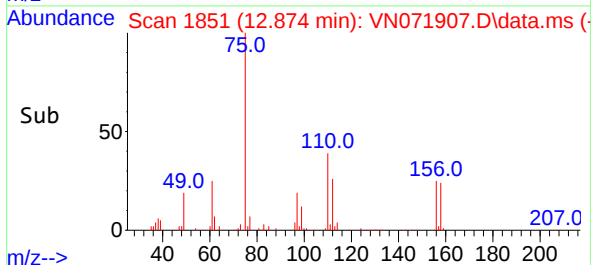
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

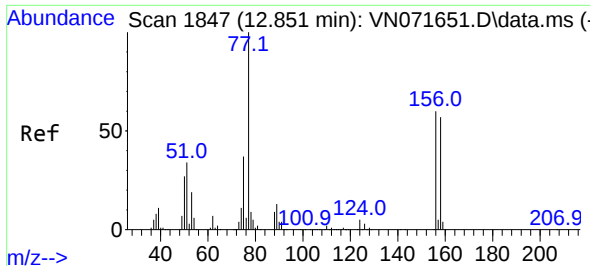


#76
1,2,3-Trichloropropane
Concen: 52.389 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



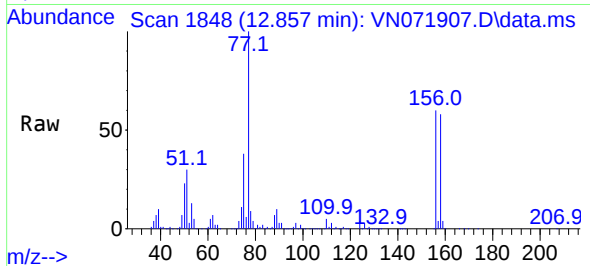
Tgt Ion: 75 Resp: 387958
Ion Ratio Lower Upper
75 100
77 172.5 98.5 295.5





#77
Bromobenzene
Concen: 50.612 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

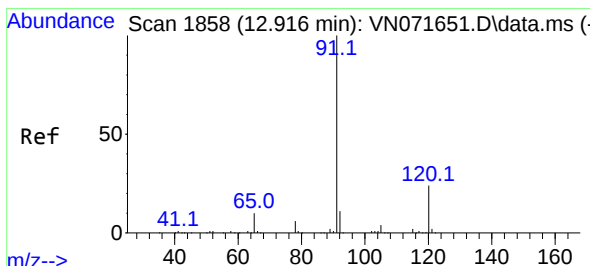
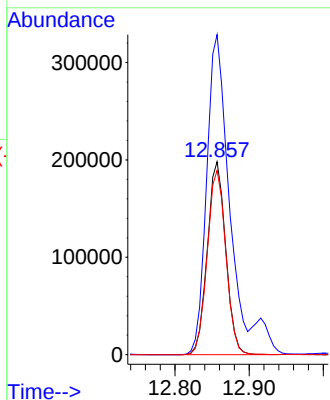
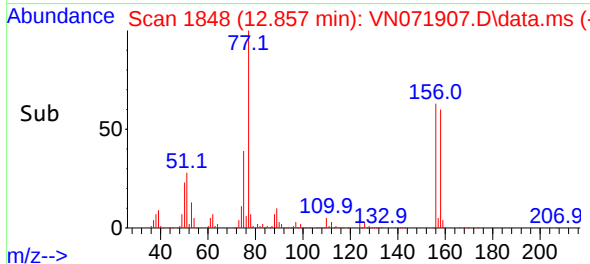
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 341773
Ion Ratio Lower Upper
156 100
77 195.8 100.5 301.5
158 96.5 48.9 146.6

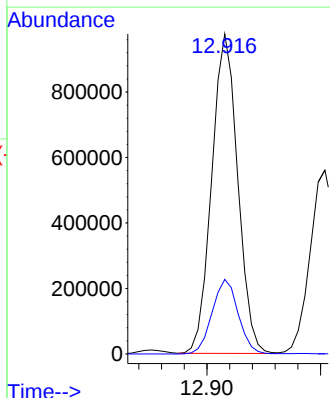
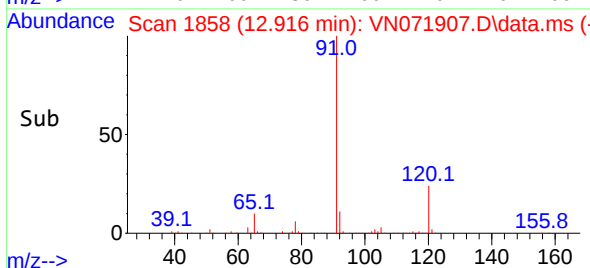
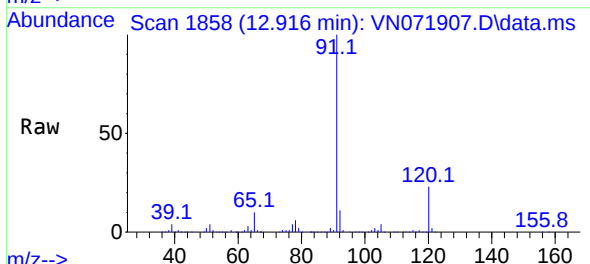
Manual Integrations
APPROVED

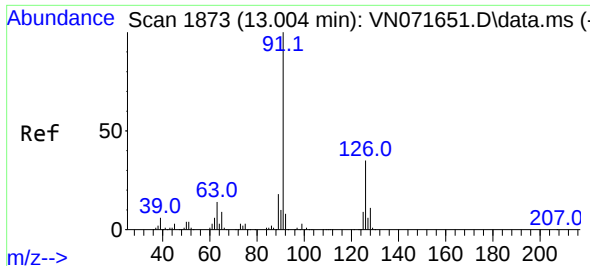
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#78
n-propylbenzene
Concen: 54.692 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

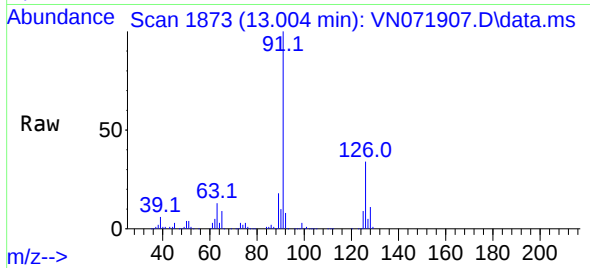
Tgt Ion: 91 Resp: 1549742
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 51.774 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

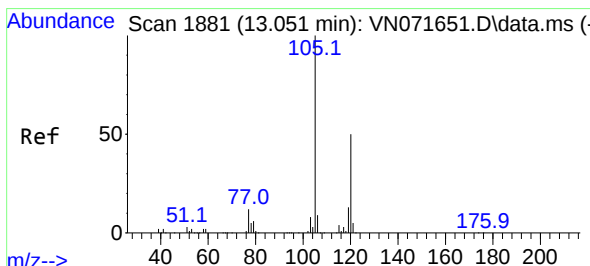
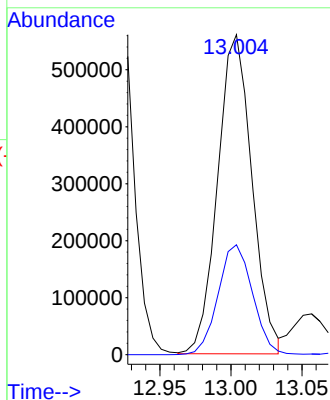
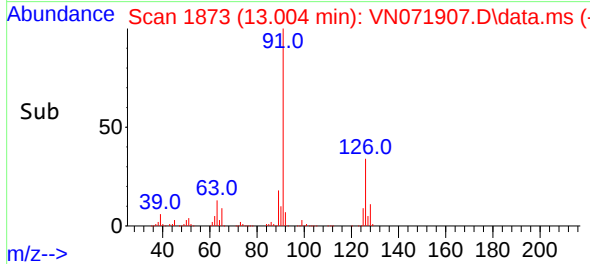
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



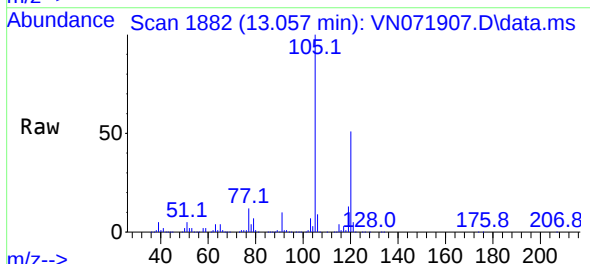
Tgt Ion: 91 Resp: 940833
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

Manual Integrations
APPROVED

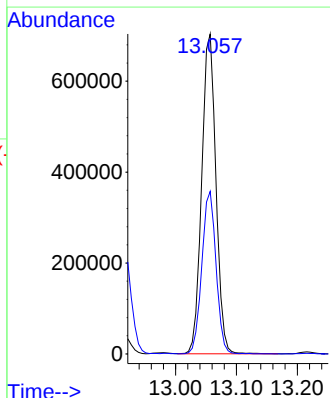
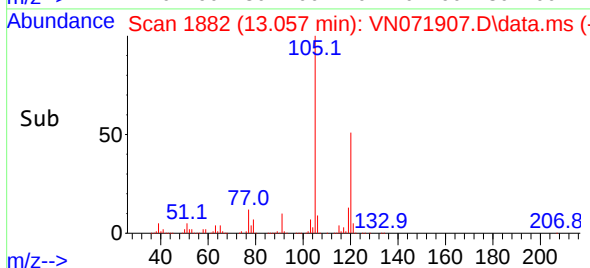
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

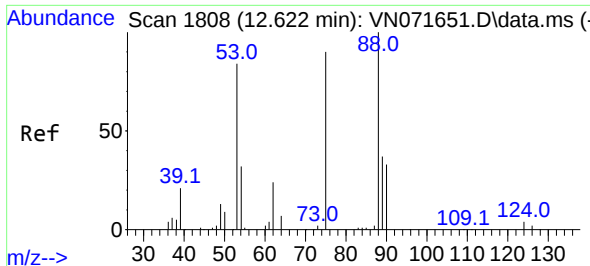


#80
1,3,5-Trimethylbenzene
Concen: 53.589 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



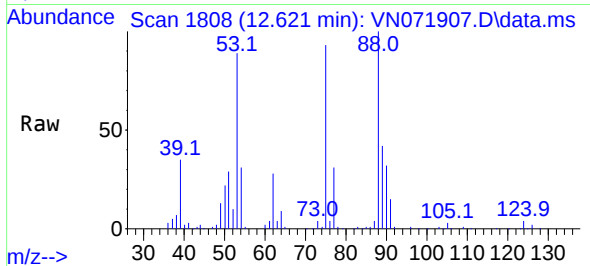
Tgt Ion:105 Resp: 1143747
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 52.543 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

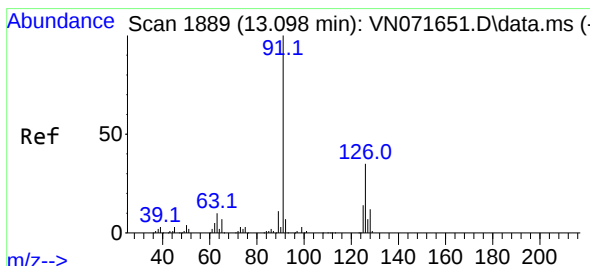
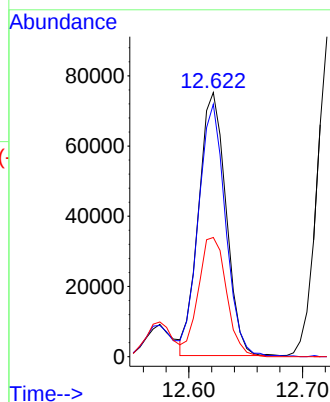
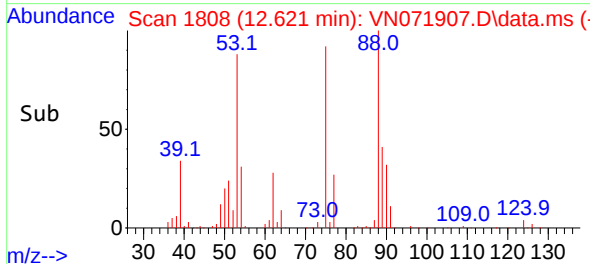
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



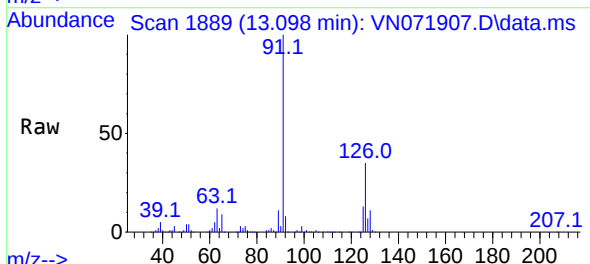
Tgt Ion: 75 Resp: 12555
Ion Ratio Lower Upper
75 100
53 96.6 78.0 117.0
89 46.8 37.2 55.8

Manual Integrations
APPROVED

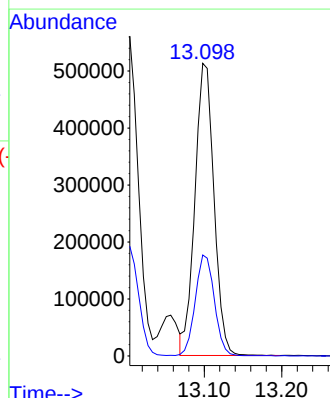
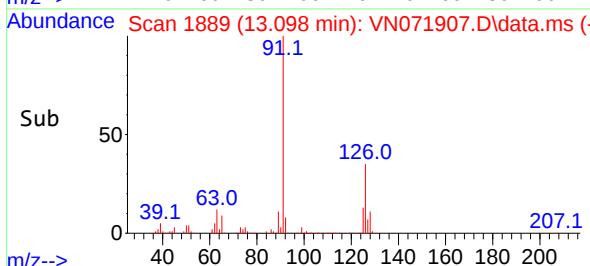
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

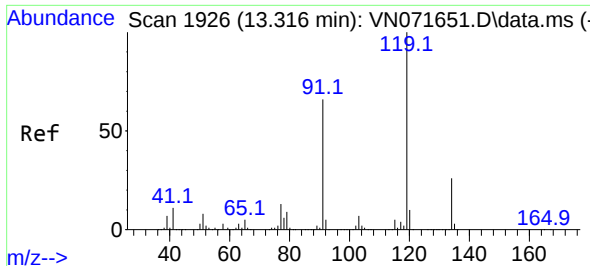


#82
4-Chlorotoluene
Concen: 51.939 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



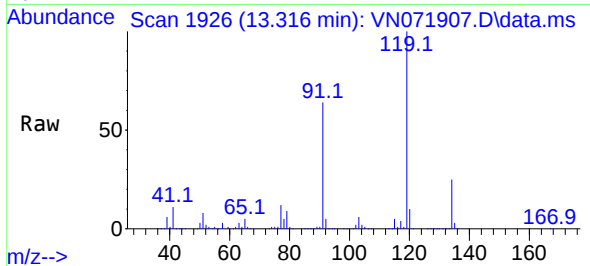
Tgt Ion: 91 Resp: 874857
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 53.577 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

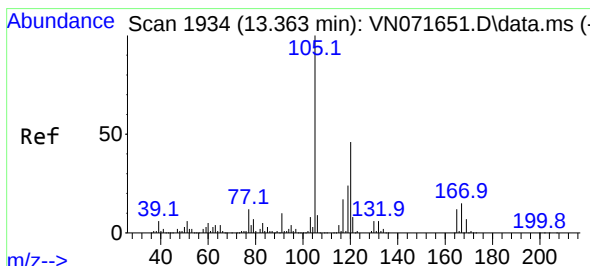
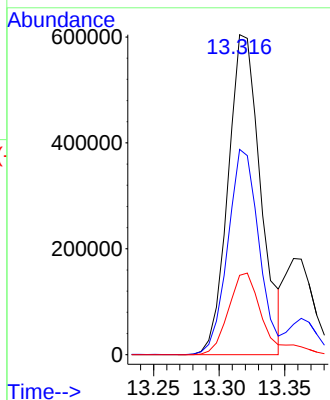
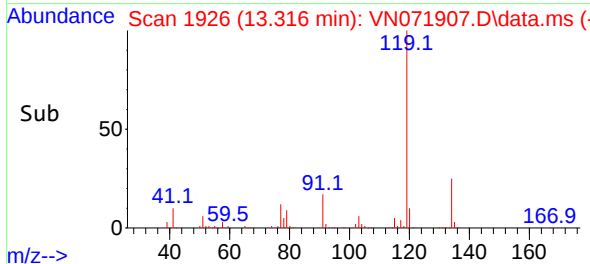
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



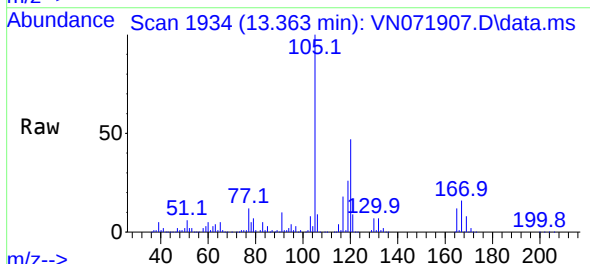
Tgt Ion:119 Resp: 104526
Ion Ratio Lower Upper
119 100
91 61.1 31.6 94.8
134 27.1 13.7 41.1

Manual Integrations
APPROVED

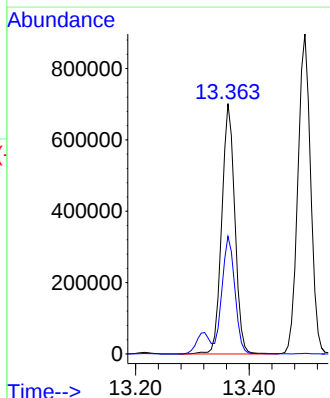
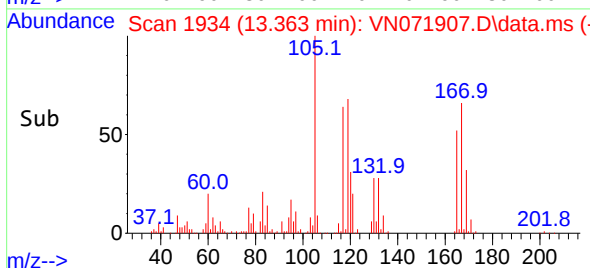
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

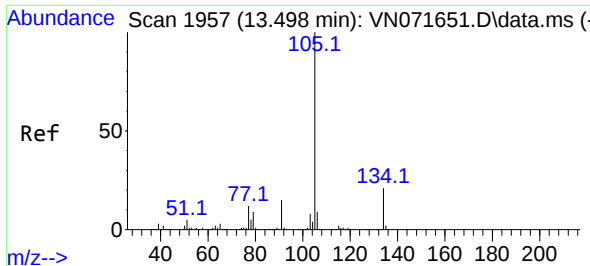


#84
1,2,4-Trimethylbenzene
Concen: 53.972 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion:105 Resp: 1123910
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 55.194 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071907.D
 Acq: 08 Apr 2022 10:09

Instrument :

MSVOA_N

ClientSampleId :

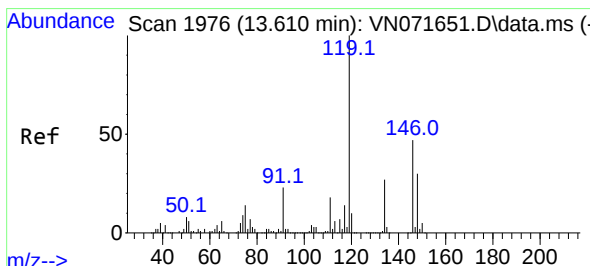
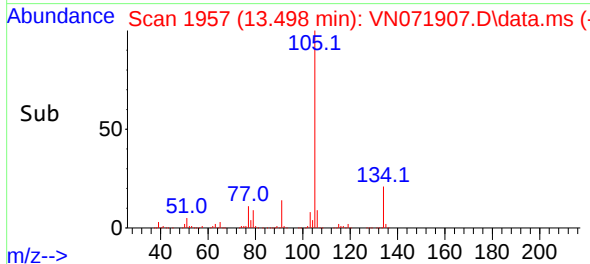
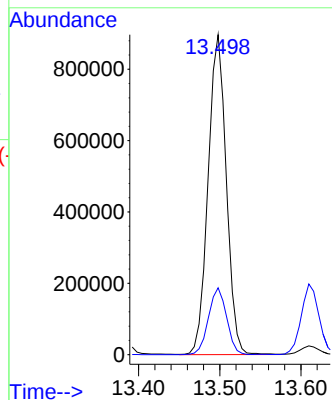
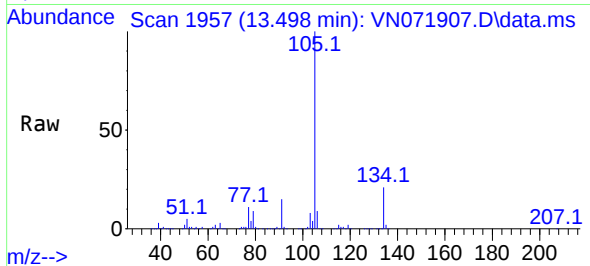
VSTDCCC050

Tgt Ion:105 Resp: 139588
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations

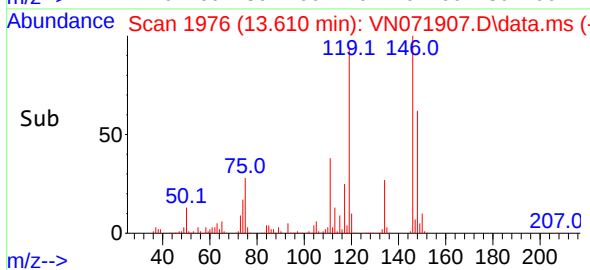
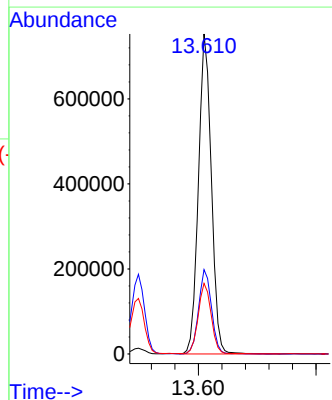
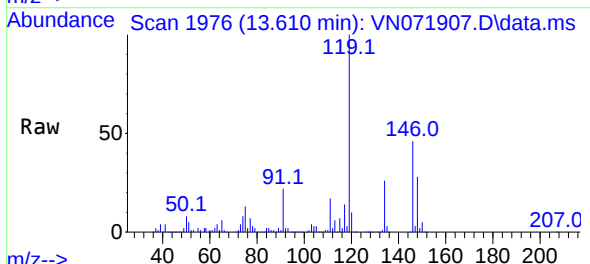
APPROVED

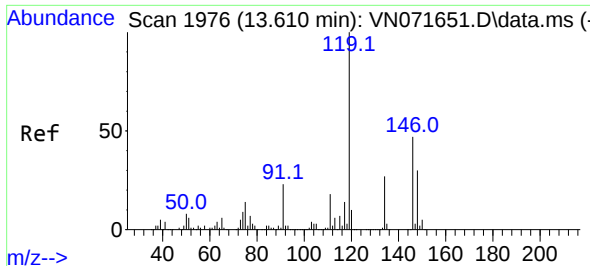
Reviewed By :John Carlone 04/11/2022
 Supervised By :Mahesh Dadoda 04/11/2022



#86
 p-Isopropyltoluene
 Concen: 56.718 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071907.D
 Acq: 08 Apr 2022 10:09

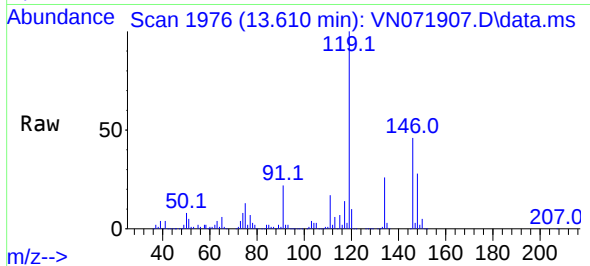
Tgt Ion:119 Resp: 1143722
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 21.9 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 51.942 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

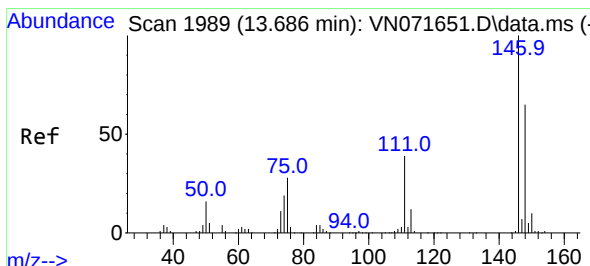
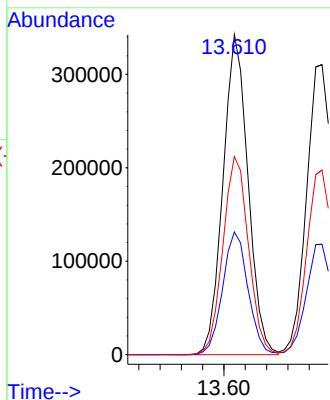
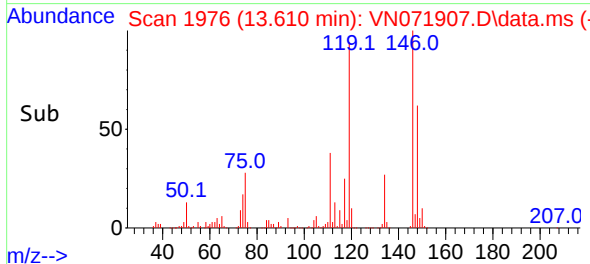
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



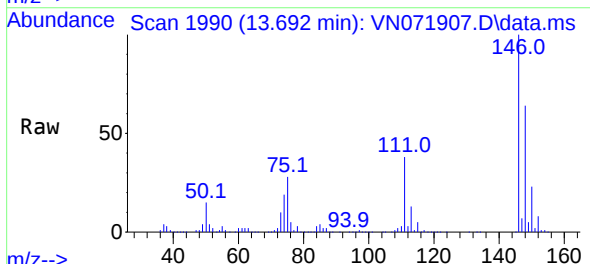
Tgt Ion:146 Resp: 558792
Ion Ratio Lower Upper
146 100
111 39.0 20.0 60.0
148 63.5 32.0 96.0

Manual Integrations
APPROVED

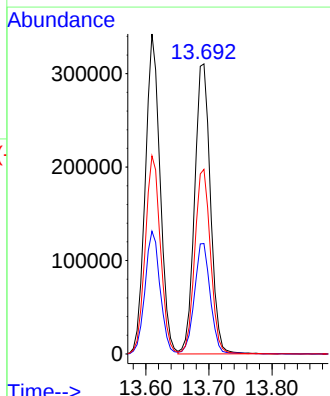
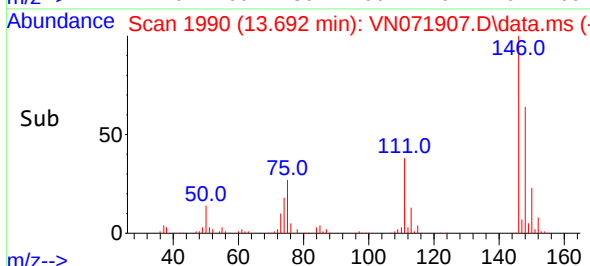
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

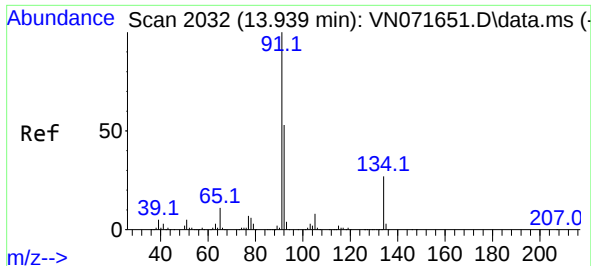


#88
1,4-Dichlorobenzene
Concen: 51.421 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



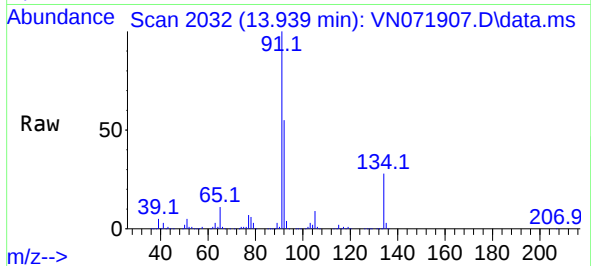
Tgt Ion:146 Resp: 539692
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 63.1 31.4 94.3





#89
n-Butylbenzene
Concen: 56.142 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

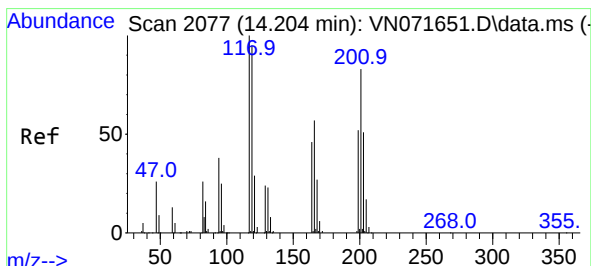
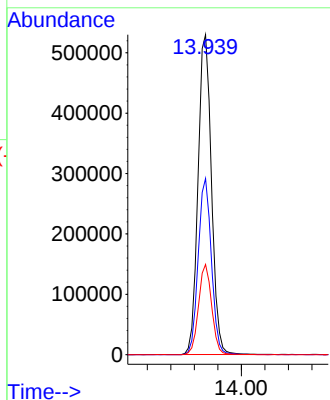
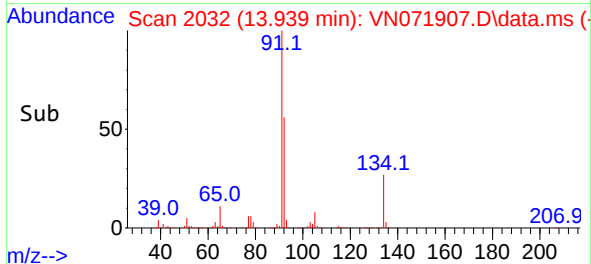
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 839680
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 27.6 13.6 40.8

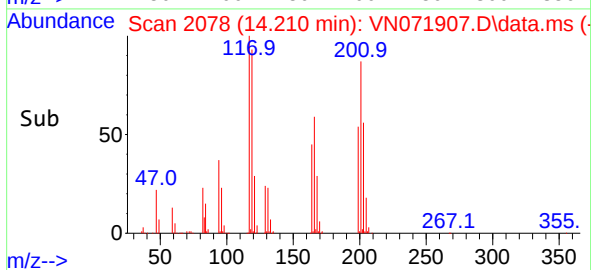
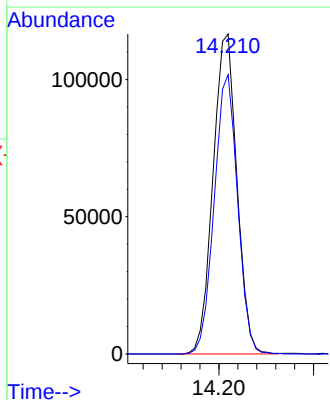
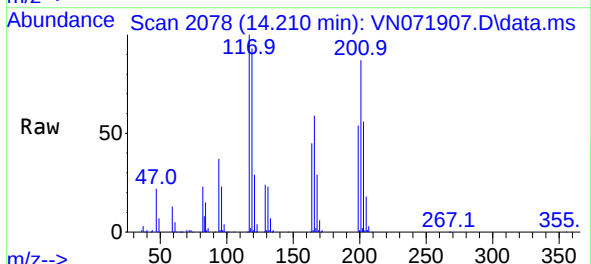
Manual Integrations
APPROVED

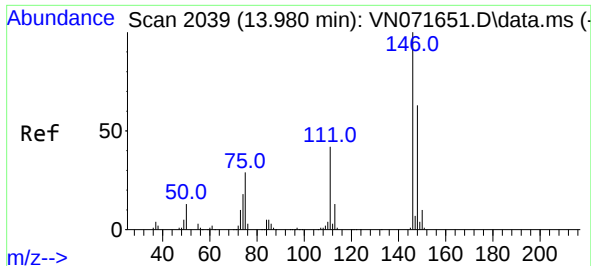
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#90
Hexachloroethane
Concen: 55.383 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Tgt Ion:117 Resp: 204438
Ion Ratio Lower Upper
117 100
201 85.3 40.6 122.0





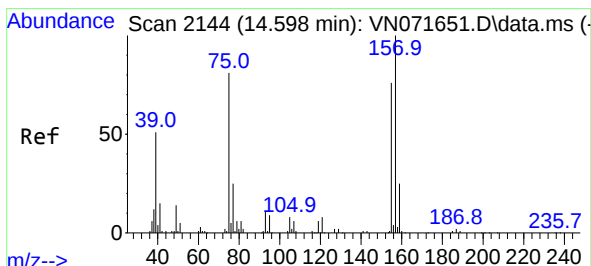
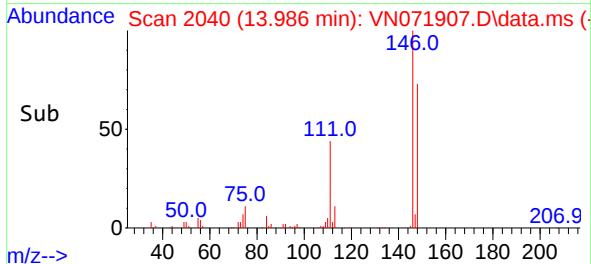
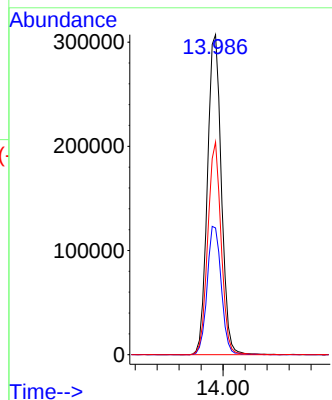
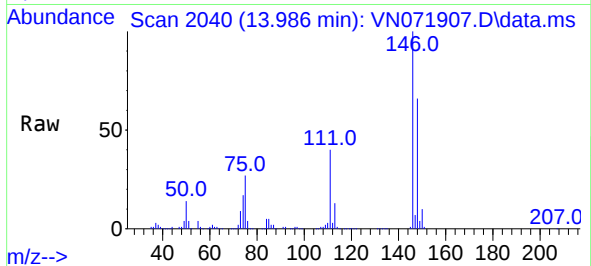
#91
1,2-Dichlorobenzene
Concen: 51.066 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 539330
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.8
148 63.8 32.1 96.3

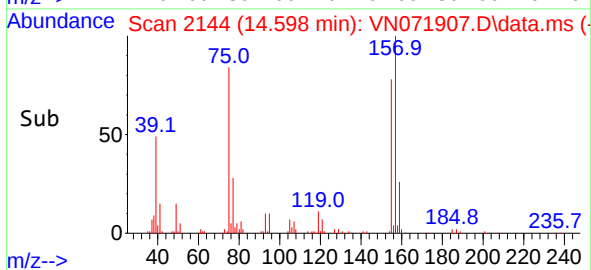
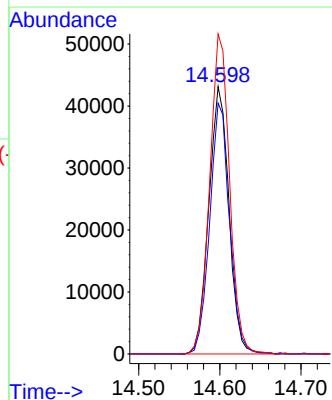
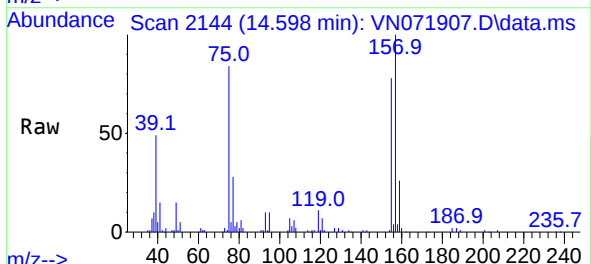
Manual Integrations
APPROVED

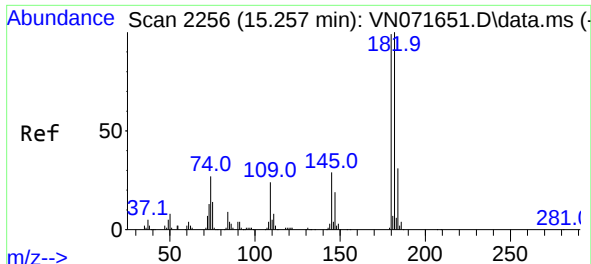
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.298 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

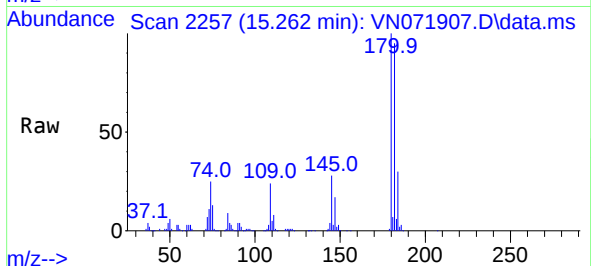
Tgt Ion: 75 Resp: 74304
Ion Ratio Lower Upper
75 100
155 92.3 44.9 134.5
157 118.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 51.314 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

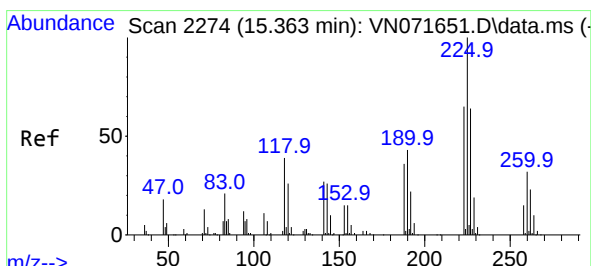
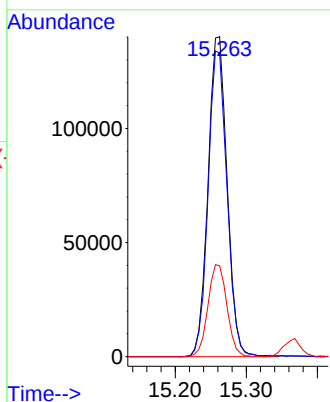
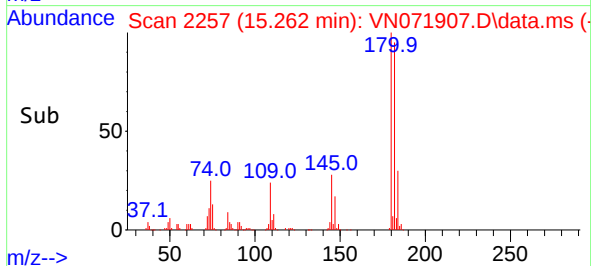
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



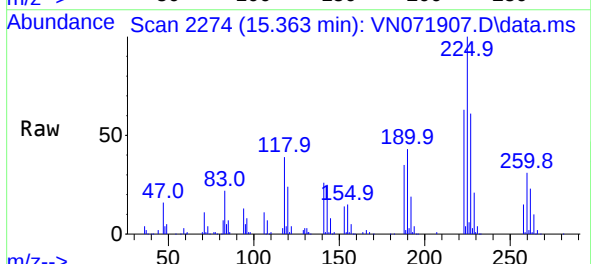
Tgt Ion:180 Resp: 26134
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 28.7 14.5 43.5

Manual Integrations
APPROVED

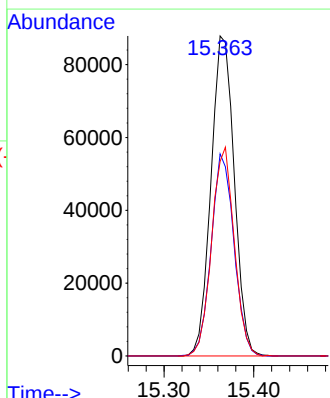
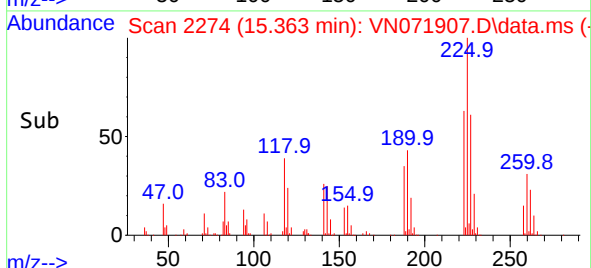
Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022

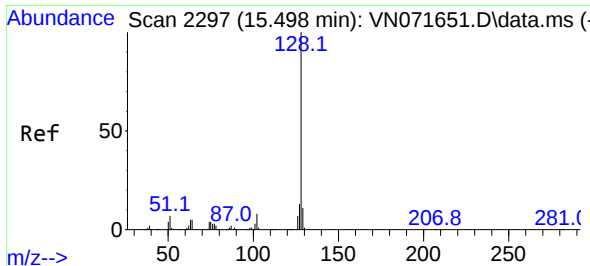


#94
Hexachlorobutadiene
Concen: 50.781 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



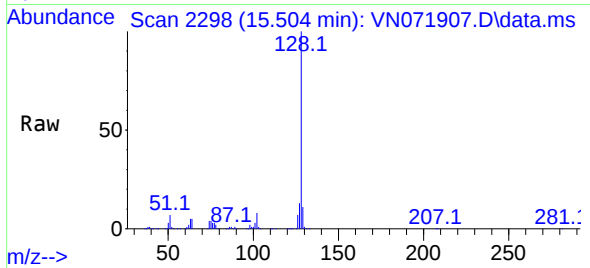
Tgt Ion:225 Resp: 158179
Ion Ratio Lower Upper
225 100
223 62.0 32.4 97.2
227 63.3 31.8 95.4





#95
Naphthalene
Concen: 49.607 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09

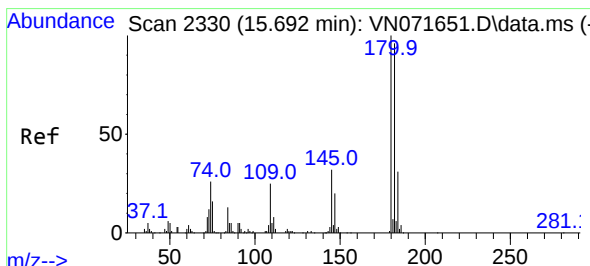
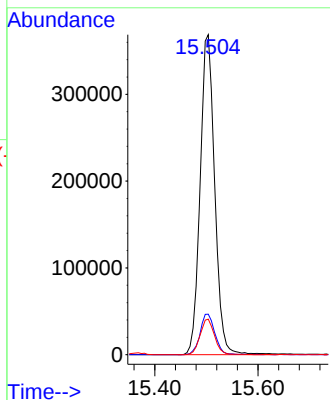
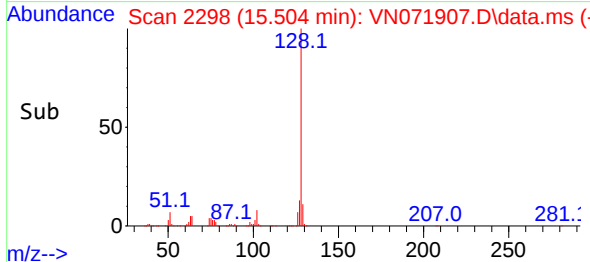
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



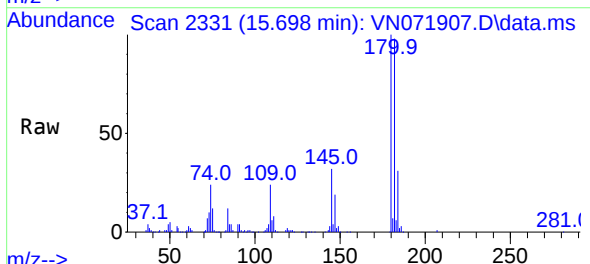
Tgt Ion:128 Resp: 72165
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2022
Supervised By :Mahesh Dadoda 04/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.113 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071907.D
Acq: 08 Apr 2022 10:09



Tgt Ion:180 Resp: 257356
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 30.5 15.5 46.5

