

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071645.D
 Acq On : 29 Mar 2022 20:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/30/2022
 Supervised By : Mahesh Dadoda 03/30/2022

Quant Time: Mar 30 06:09:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	656451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1028969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	940167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	398691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	387076	49.178	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.360%		
35) Dibromofluoromethane	8.016	113	321844	50.929	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.860%		
50) Toluene-d8	10.439	98	1301171	49.917	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.840%		
62) 4-Bromofluorobenzene	12.727	95	432470	50.857	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	289965	45.090	ug/l	98
3) Chloromethane	2.299	50	327597	43.290	ug/l	99
4) Vinyl Chloride	2.440	62	381730	45.407	ug/l	99
5) Bromomethane	2.834	94	237038	47.987	ug/l	99
6) Chloroethane	3.004	64	250189	46.814	ug/l	97
7) Trichlorofluoromethane	3.369	101	465701	46.478	ug/l	97
8) Diethyl Ether	3.822	74	203367	48.779	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	283375	46.549	ug/l	98
10) Methyl Iodide	4.422	142	417099	46.451	ug/l	99
11) Tert butyl alcohol	5.357	59	363620	261.632	ug/l	100
12) 1,1-Dichloroethene	4.187	96	275356	46.730	ug/l	95
13) Acrolein	4.040	56	298294	257.226	ug/l	98
14) Allyl chloride	4.840	41	448320	47.668	ug/l	100
15) Acrylonitrile	5.545	53	973379	250.766	ug/l	100
16) Acetone	4.281	43	783900	241.593	ug/l	98
17) Carbon Disulfide	4.528	76	598989	40.817	ug/l	100
18) Methyl Acetate	4.851	43	416433	49.534	ug/l	100
19) Methyl tert-butyl Ether	5.610	73	1068162	49.641	ug/l	100
20) Methylene Chloride	5.092	84	332285	46.331	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	292239	46.374	ug/l	98
22) Diisopropyl ether	6.492	45	1003248	49.901	ug/l	98
23) Vinyl Acetate	6.428	43	4337777	255.751	ug/l	99
24) 1,1-Dichloroethane	6.386	63	578442	48.313	ug/l	99
25) 2-Butanone	7.328	43	1279844	253.399	ug/l	100
26) 2,2-Dichloropropane	7.322	77	475161	46.176	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	370257	47.808	ug/l	98
28) Bromochloromethane	7.657	49	248813	51.448	ug/l	99
29) Tetrahydrofuran	7.675	42	839917	256.177	ug/l	100
30) Chloroform	7.816	83	594860	48.479	ug/l	100
31) Cyclohexane	8.092	56	484676	44.094	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	518863	48.751	ug/l	98
36) 1,1-Dichloropropene	8.216	75	424791	46.759	ug/l	99
37) Ethyl Acetate	7.410	43	507506	51.089	ug/l	100
38) Carbon Tetrachloride	8.204	117	418832	46.521	ug/l	100
39) Methylcyclohexane	9.457	83	521975	46.455	ug/l	99
40) Benzene	8.457	78	1338279	47.980	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	271294	56.152	ug/l	90
42) 1,2-Dichloroethane	8.522	62	465819	48.318	ug/l	100
43) Isopropyl Acetate	8.557	43	801452	49.362	ug/l	100
44) Trichloroethene	9.210	130	347044	47.338	ug/l	98
45) 1,2-Dichloropropane	9.486	63	338047	49.197	ug/l	98
46) Dibromomethane	9.574	93	229645	48.833	ug/l	99
47) Bromodichloromethane	9.757	83	466944	50.395	ug/l	98
48) Methyl methacrylate	9.557	41	372007	51.997	ug/l	98
49) 1,4-Dioxane	9.563	88	165048	1047.787	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	2538681	260.644	ug/l	100
52) Toluene	10.498	92	865932	48.275	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	505257	50.160	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	547940	49.999	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	355608	49.231	ug/l	97
56) Ethyl methacrylate	10.757	69	570078	52.815	ug/l	98
57) 1,3-Dichloropropane	11.039	76	591884	49.084	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	780315	235.984	ug/l	99
59) 2-Hexanone	11.080	43	1845106	264.798	ug/l	99
60) Dibromochloromethane	11.233	129	366172	50.552	ug/l	99
61) 1,2-Dibromoethane	11.339	107	361014	49.368	ug/l	99
64) Tetrachloroethene	10.974	164	296518	45.571	ug/l	97
65) Chlorobenzene	11.763	112	942314	48.033	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	348341	49.477	ug/l	99
67) Ethyl Benzene	11.839	91	1661164	49.044	ug/l	99
68) m/p-Xylenes	11.951	106	1276913	99.239	ug/l	100
69) o-Xylene	12.274	106	646581	50.013	ug/l	98
70) Styrene	12.292	104	1033036	52.339	ug/l	100
71) Bromoform	12.457	173	283667	51.193	ug/l	99
73) Isopropylbenzene	12.574	105	1650395	47.326	ug/l	100
74) N-amyl acetate	12.380	43	537540	50.771	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.821	83	534638	45.801	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	470817m	49.181	ug/l	
77) Bromobenzene	12.857	156	397667	45.347	ug/l	99
78) n-propylbenzene	12.915	91	1765923	46.967	ug/l	99
79) 2-Chlorotoluene	13.004	91	1095751	46.537	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	1312631	47.679	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	162174	48.898	ug/l	98
82) 4-Chlorotoluene	13.098	91	1029713	46.887	ug/l	100
83) tert-Butylbenzene	13.321	119	1207100	47.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	1297500	48.122	ug/l	100
85) sec-Butylbenzene	13.498	105	1605714	48.103	ug/l	100
86) p-Isopropyltoluene	13.610	119	1310893	49.425	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	658415	46.503	ug/l	100
88) 1,4-Dichlorobenzene	13.692	146	638960	45.463	ug/l	100
89) n-Butylbenzene	13.939	91	990377	49.416	ug/l	100
90) Hexachloroethane	14.204	117	239481	48.084	ug/l	100
91) 1,2-Dichlorobenzene	13.986	146	639556	46.110	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	96815	47.977	ug/l	99
93) 1,2,4-Trichlorobenzene	15.256	180	322483	52.643	ug/l	99
94) Hexachlorobutadiene	15.362	225	183520	47.541	ug/l	99
95) Naphthalene	15.498	128	1011278	51.100	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	317839	51.816	ug/l	99

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Instrument :
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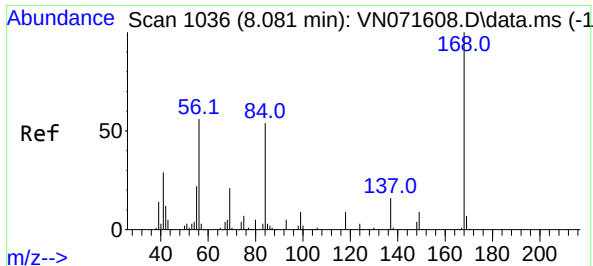
Manual Integrations
APPROVED

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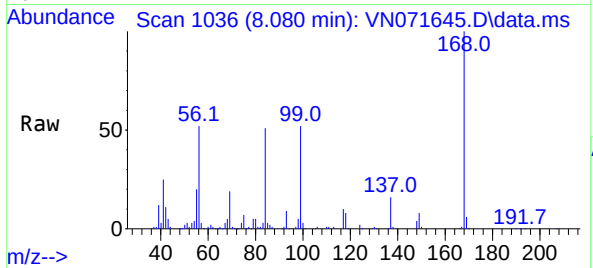
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
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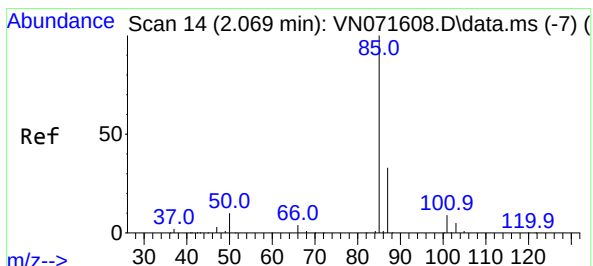
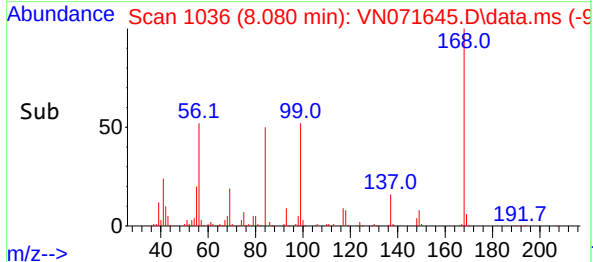
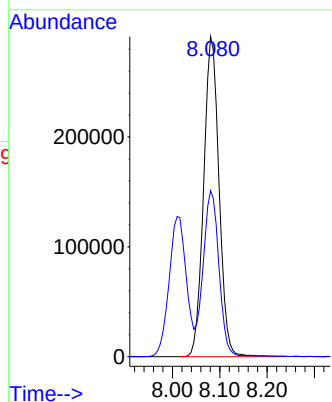
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 65645
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5

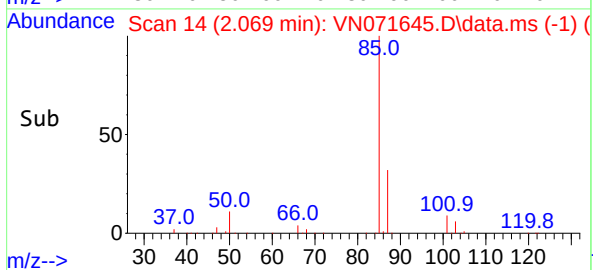
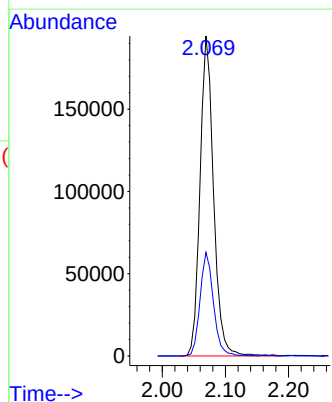
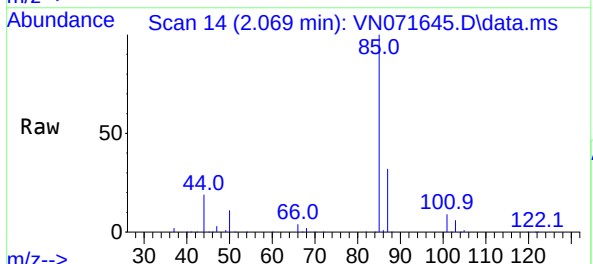
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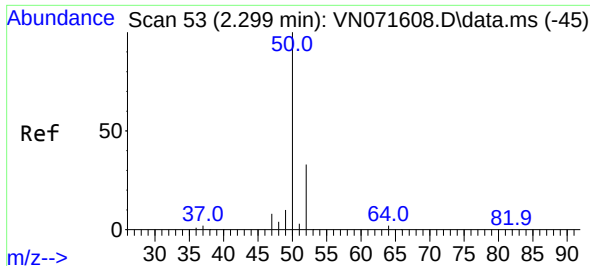
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#2
Dichlorodifluoromethane
Concen: 45.090 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

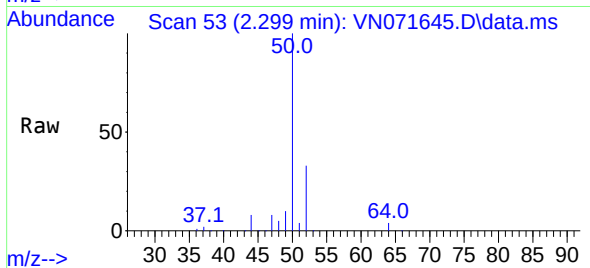
Tgt Ion: 85 Resp: 289965
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 43.290 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

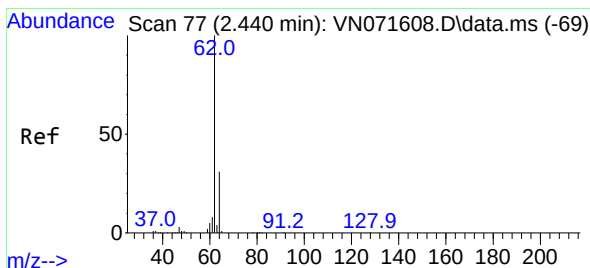
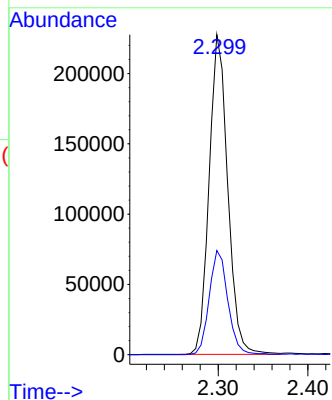
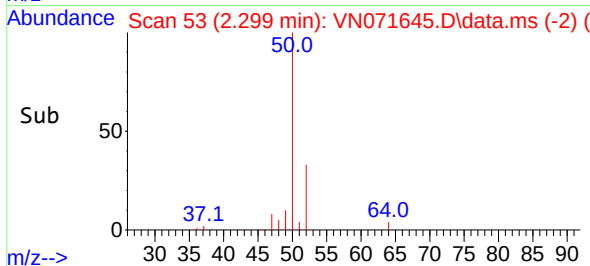
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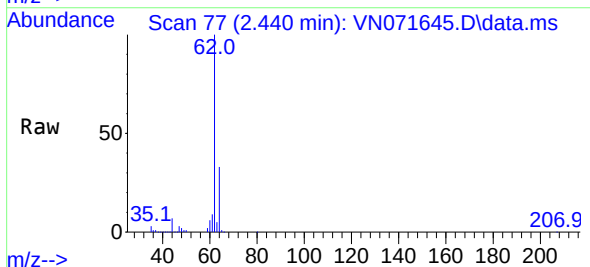
Tgt Ion: 50 Resp: 32759
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5

Manual Integrations
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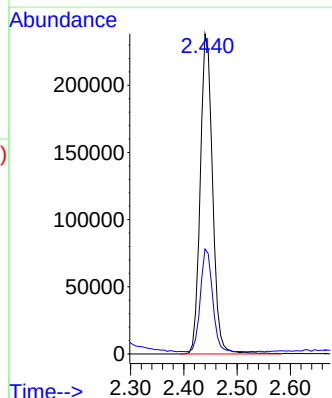
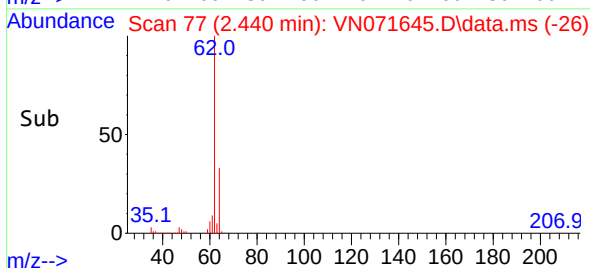
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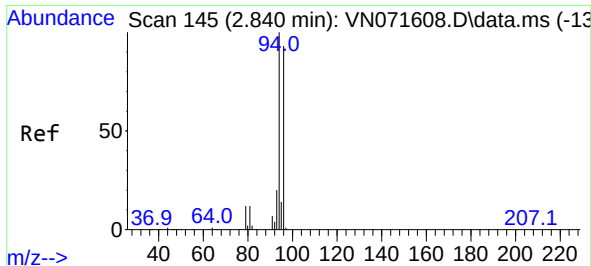


#4
Vinyl Chloride
Concen: 45.407 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



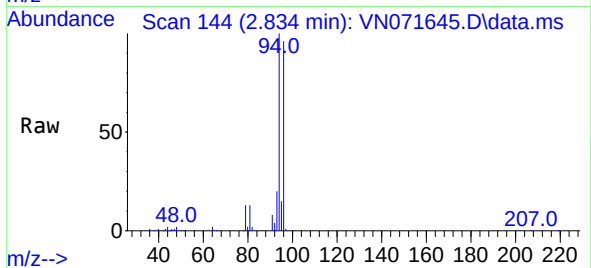
Tgt Ion: 62 Resp: 381730
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





#5
Bromomethane
Concen: 47.987 ug/l
RT: 2.834 min Scan# 145
Delta R.T. -0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

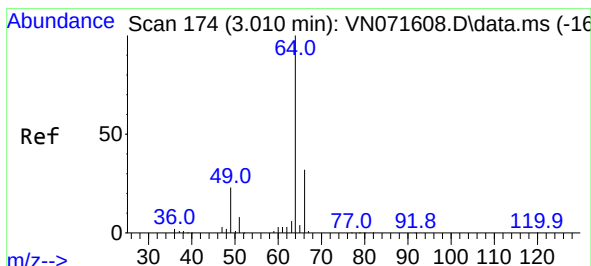
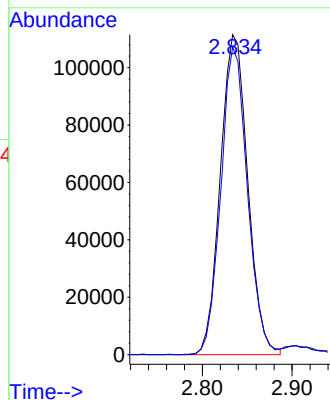
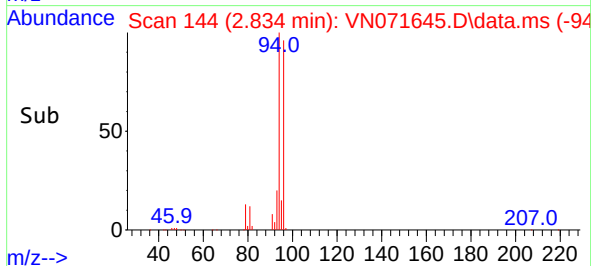
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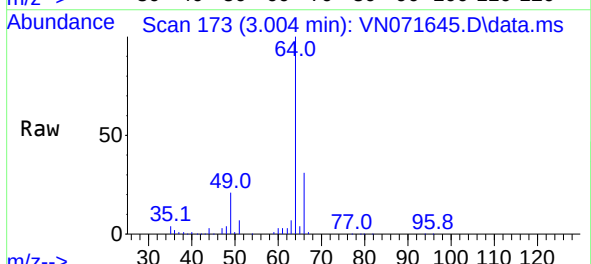
Tgt Ion: 94 Resp: 237038
Ion Ratio Lower Upper
94 100
96 96.2 76.0 114.0

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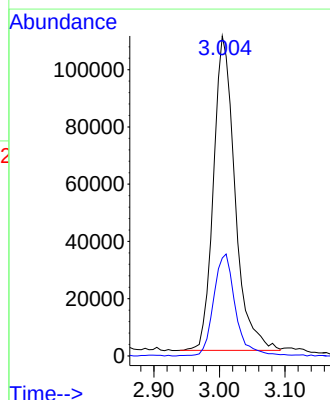
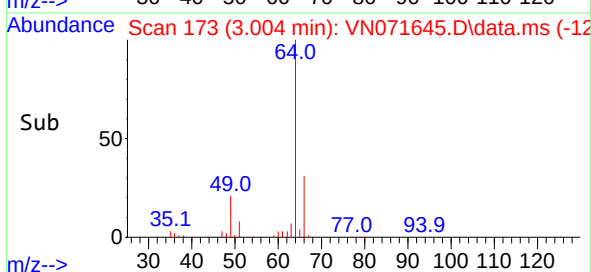
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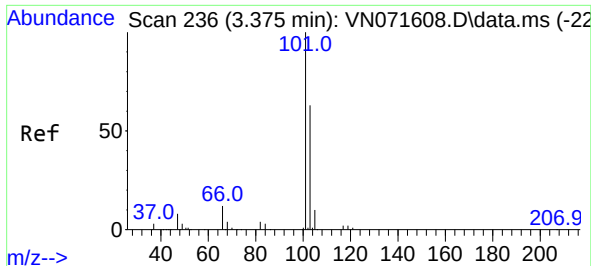


#6
Chloroethane
Concen: 46.814 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



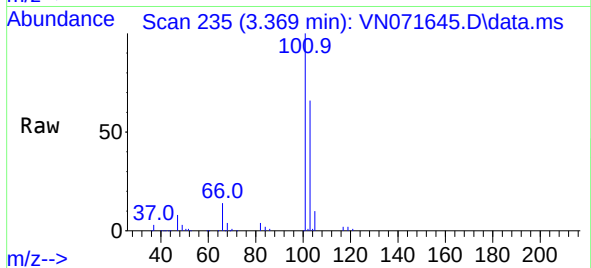
Tgt Ion: 64 Resp: 250189
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4





#7
Trichlorofluoromethane
Concen: 46.478 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

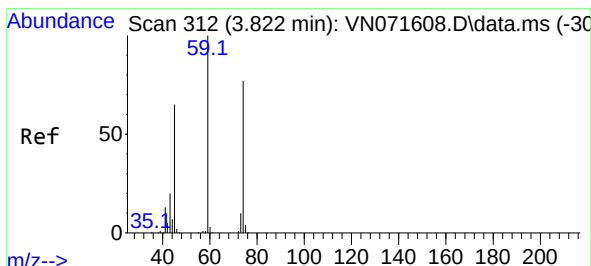
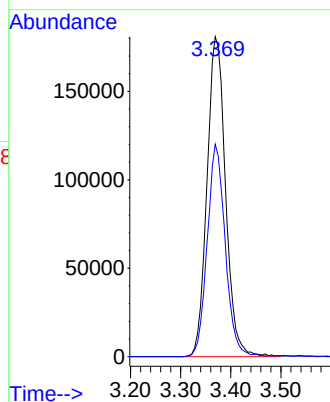
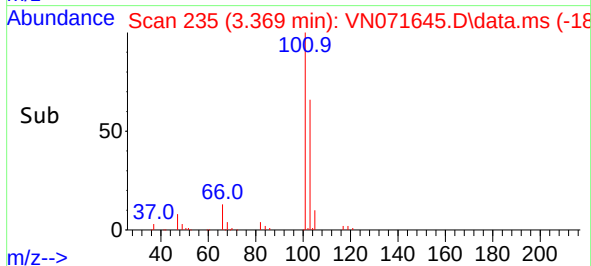
Instrument :
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VSTDCCC050EC



Tgt Ion:101 Resp: 46570
Ion Ratio Lower Upper
101 100
103 66.4 51.5 77.3

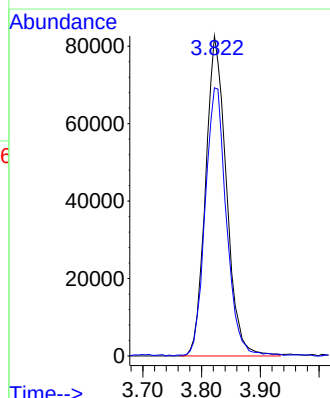
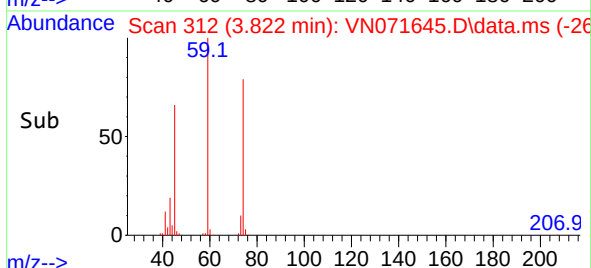
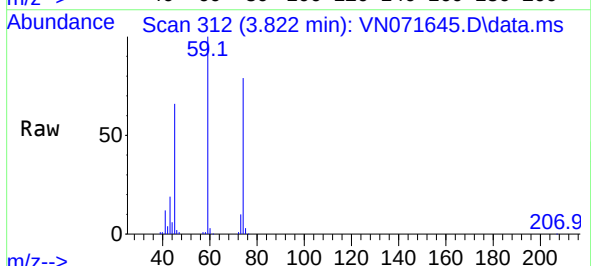
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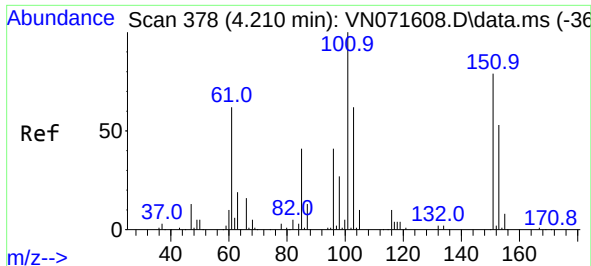
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#8
Diethyl Ether
Concen: 48.779 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
Lab File: VN071645.D
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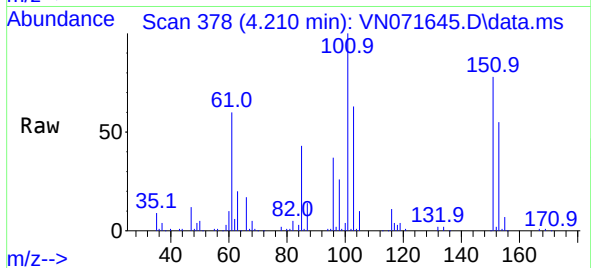
Tgt Ion: 74 Resp: 203367
Ion Ratio Lower Upper
74 100
45 85.9 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.549 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

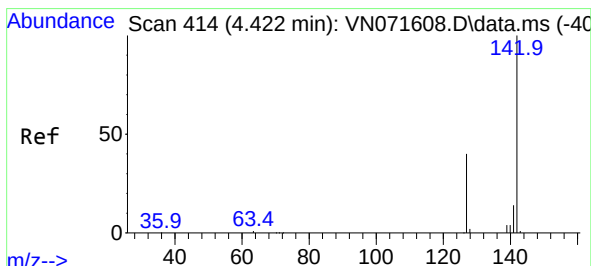
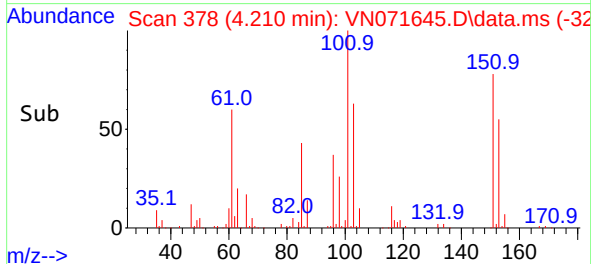
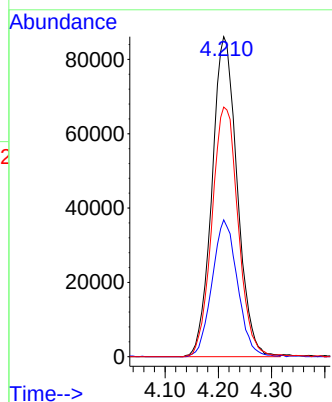
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 28337
Ion Ratio Lower Upper
101 100
85 43.0 34.7 52.1
151 81.0 63.0 94.4

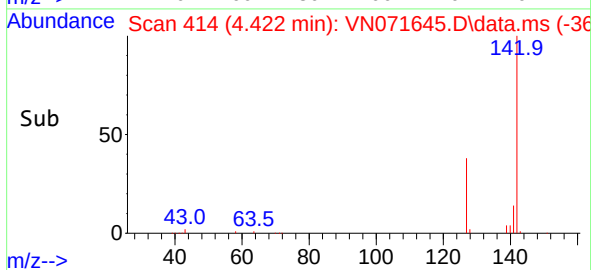
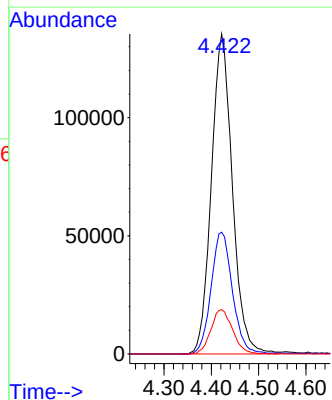
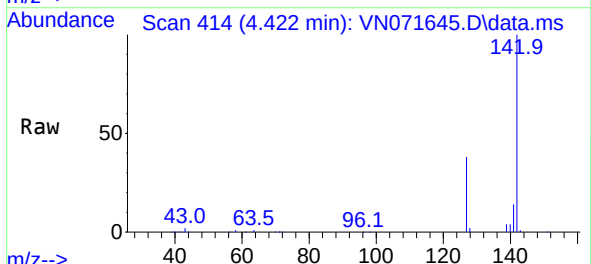
Manual Integrations
APPROVED

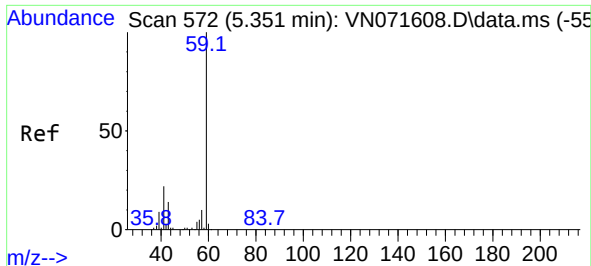
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#10
Methyl Iodide
Concen: 46.451 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

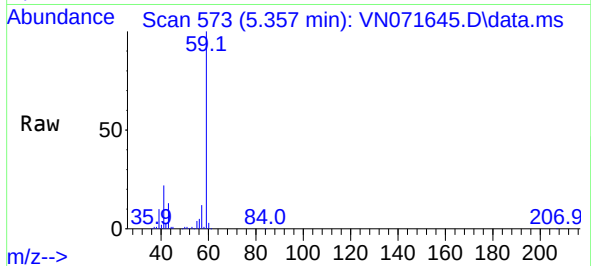
Tgt Ion:142 Resp: 417099
Ion Ratio Lower Upper
142 100
127 38.7 31.3 46.9
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 261.632 ug/l
RT: 5.357 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

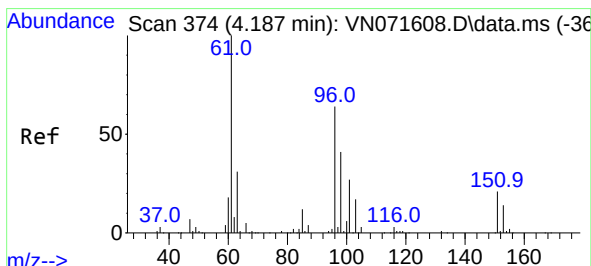
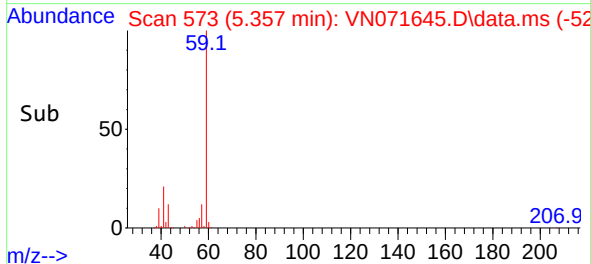
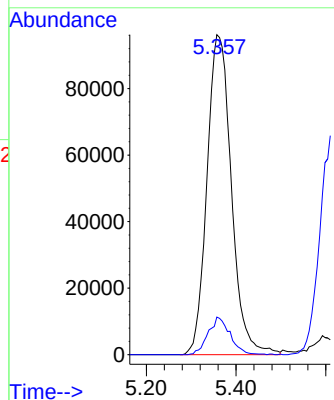
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 363620
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

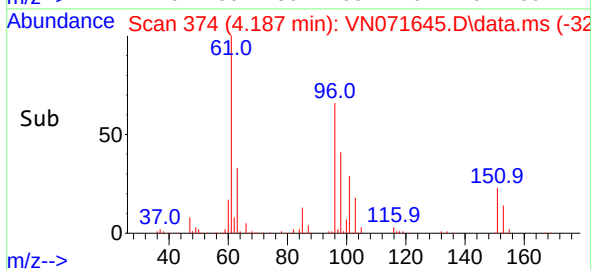
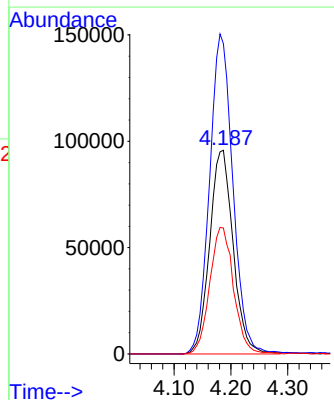
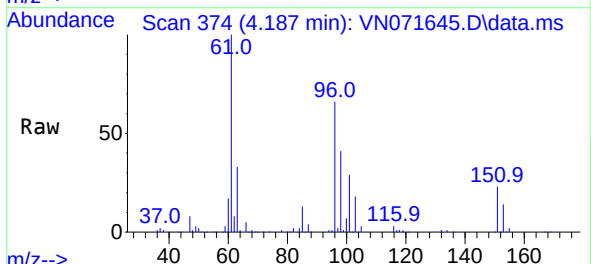
Manual Integrations
APPROVED

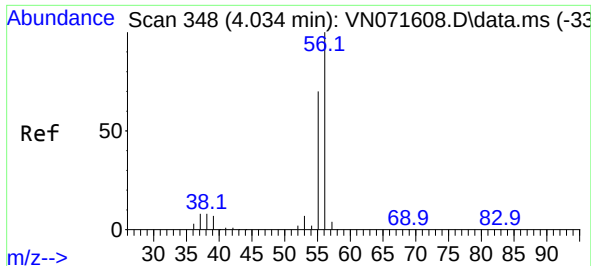
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#12
1,1-Dichloroethene
Concen: 46.730 ug/l
RT: 4.187 min Scan# 374
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

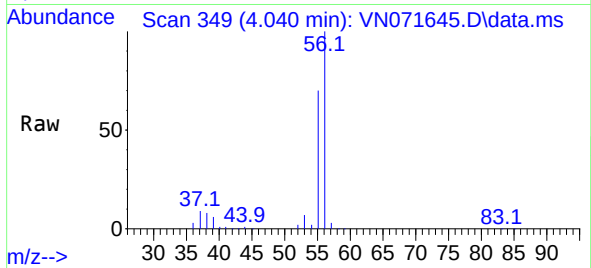
Tgt Ion: 96 Resp: 275356
Ion Ratio Lower Upper
96 100
61 152.3 127.6 191.4
98 61.8 51.2 76.8





#13
Acrolein
Concen: 257.226 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

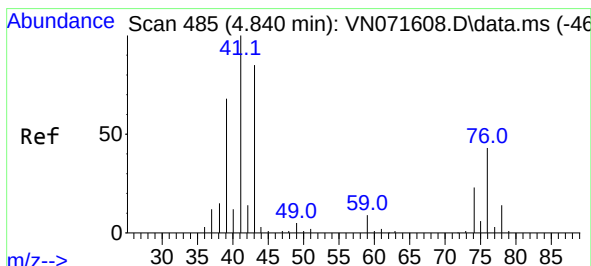
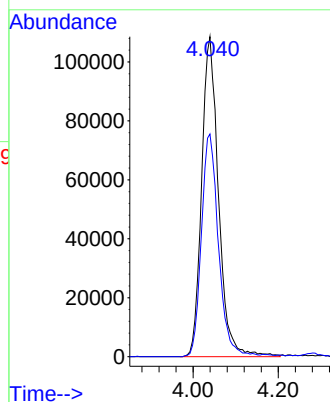
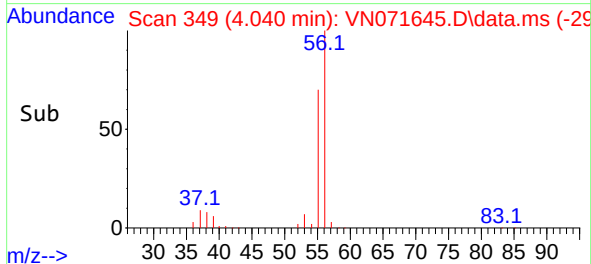
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



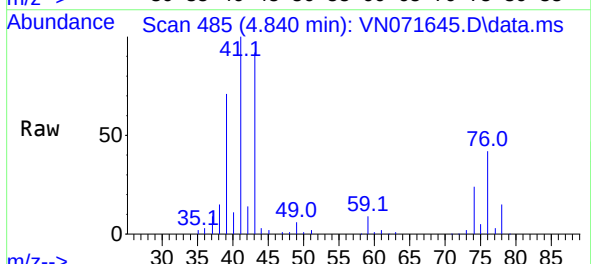
Tgt Ion: 56 Resp: 298294
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

Manual Integrations
APPROVED

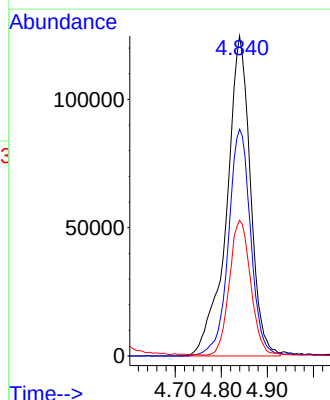
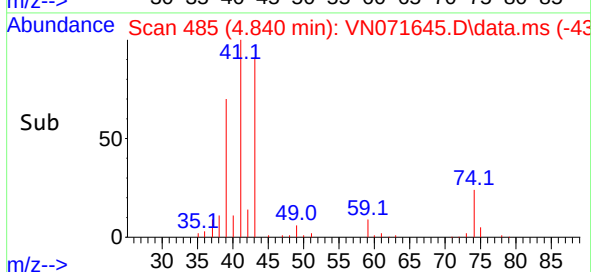
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

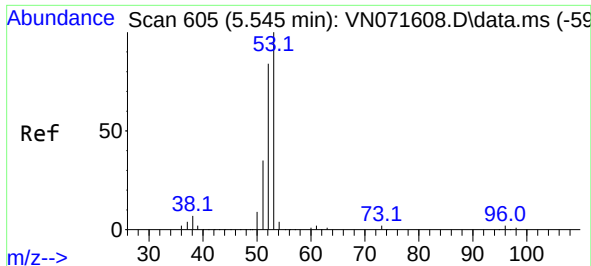


#14
Allyl chloride
Concen: 47.668 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



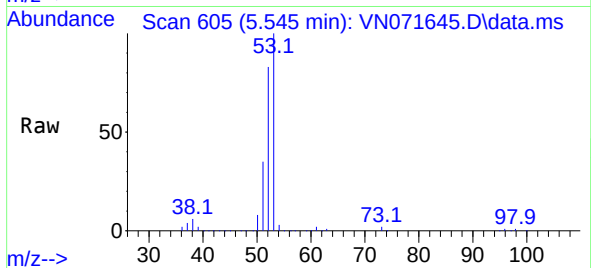
Tgt Ion: 41 Resp: 448320
Ion Ratio Lower Upper
41 100
39 66.0 53.2 79.8
76 37.4 29.9 44.9





#15
Acrylonitrile
Concen: 250.766 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

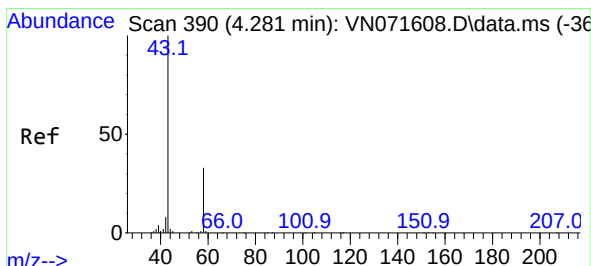
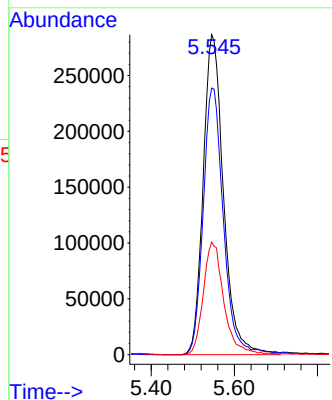
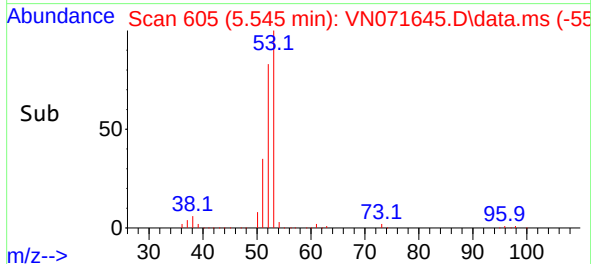
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



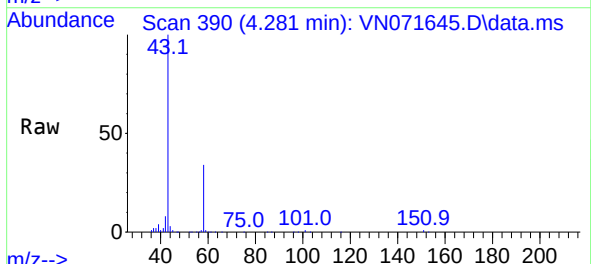
Tgt Ion: 53 Resp: 973379
Ion Ratio Lower Upper
53 100
52 83.0 66.4 99.6
51 35.6 28.5 42.7

Manual Integrations
APPROVED

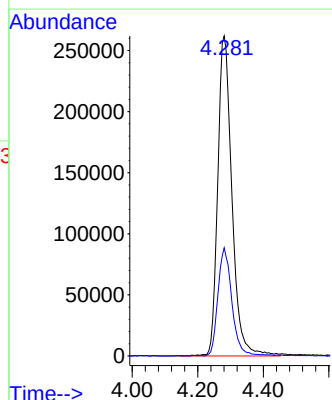
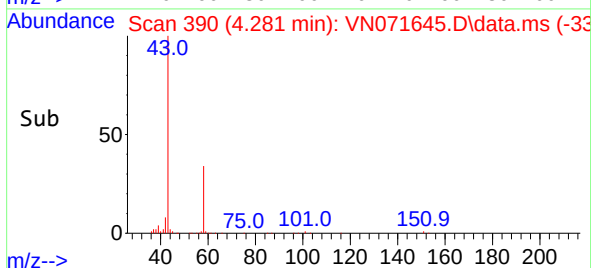
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

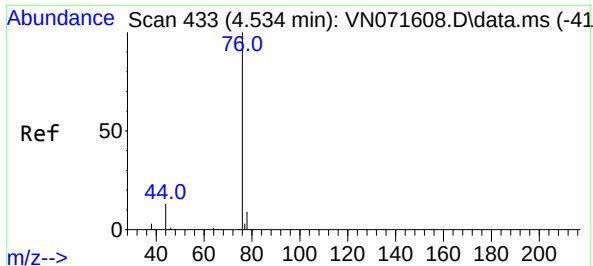


#16
Acetone
Concen: 241.593 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 43 Resp: 783900
Ion Ratio Lower Upper
43 100
58 33.7 26.0 39.0





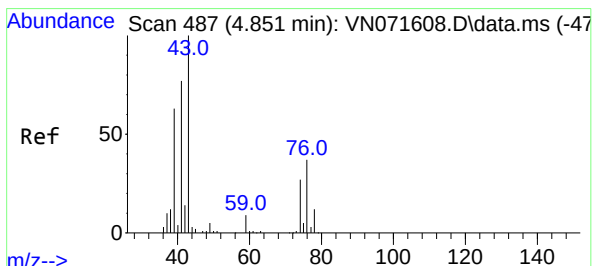
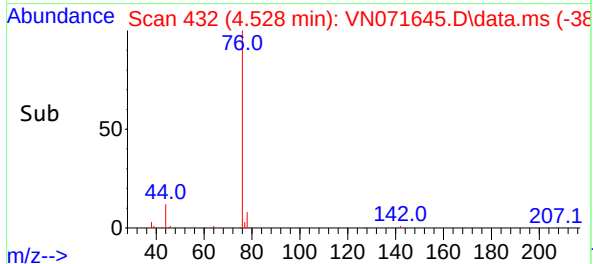
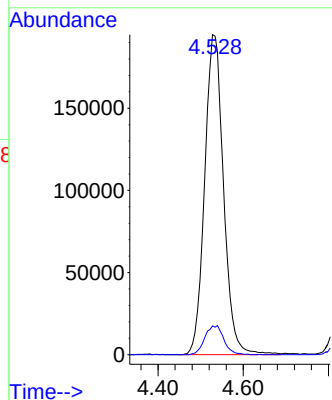
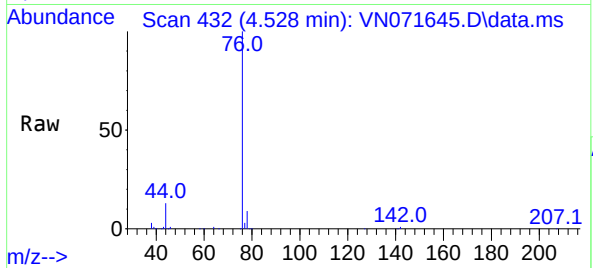
#17
Carbon Disulfide
Concen: 40.817 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 598989
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

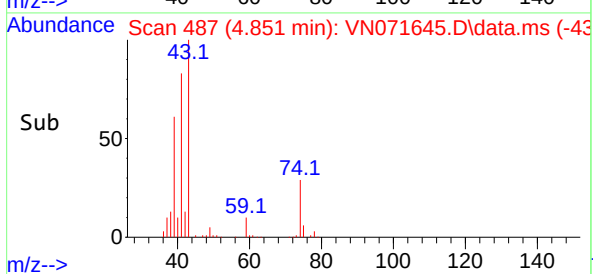
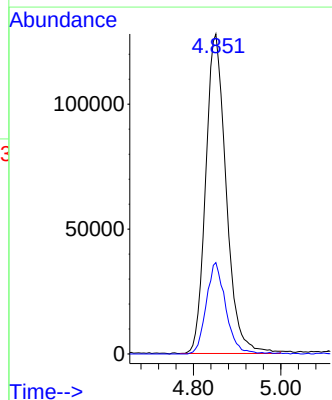
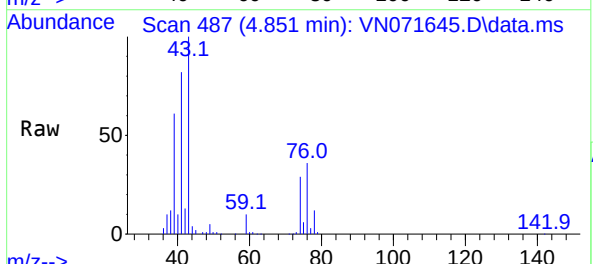
Manual Integrations
APPROVED

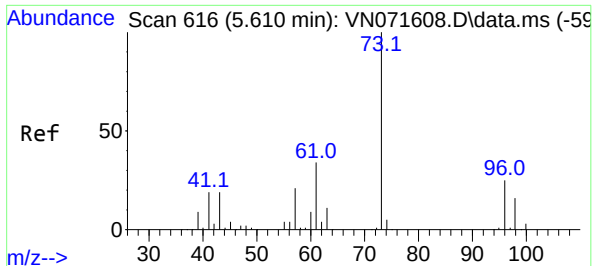
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#18
Methyl Acetate
Concen: 49.534 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Tgt Ion: 43 Resp: 416433
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 49.641 ug/l

RT: 5.610 min Scan# 616

Delta R.T. -0.000 min

Lab File: VN071645.D

Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 106816

Ion Ratio Lower Upper

73 100

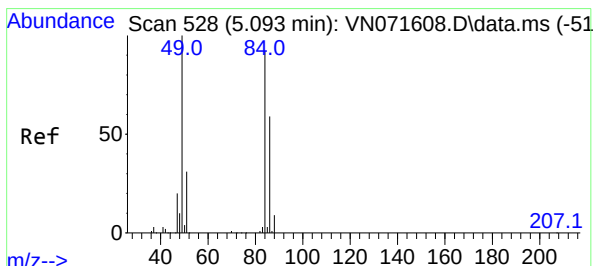
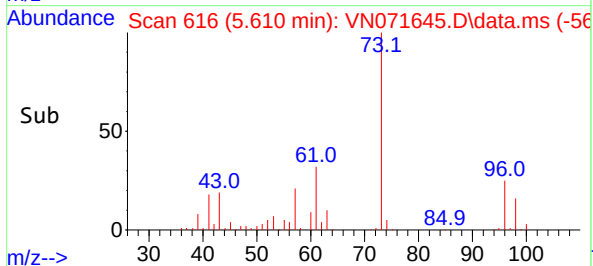
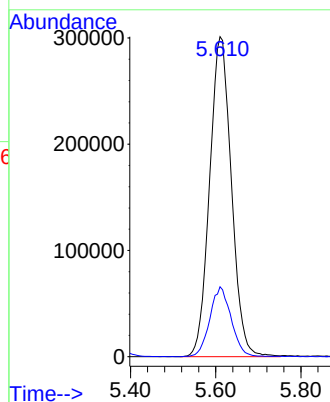
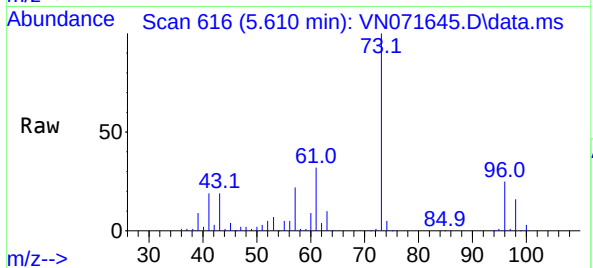
57 21.9 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#20

Methylene Chloride

Concen: 46.331 ug/l

RT: 5.092 min Scan# 528

Delta R.T. -0.001 min

Lab File: VN071645.D

Acq: 29 Mar 2022 20:30

Tgt Ion: 84 Resp: 332285

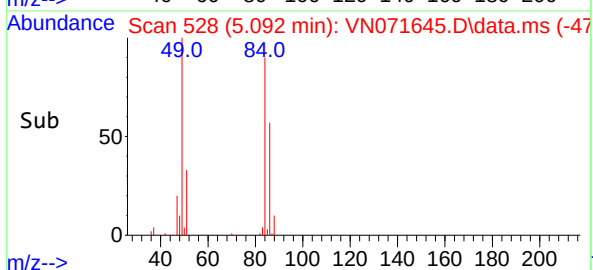
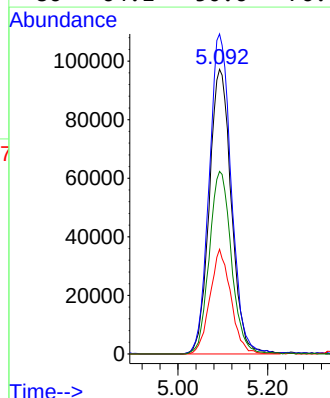
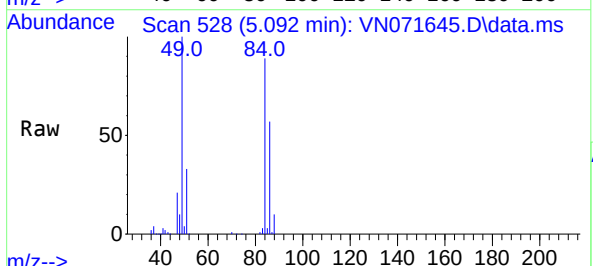
Ion Ratio Lower Upper

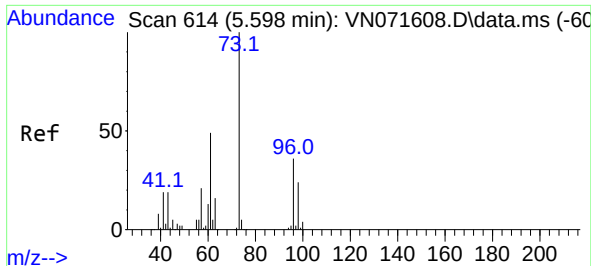
84 100

49 112.4 88.3 132.5

51 36.8 28.2 42.2

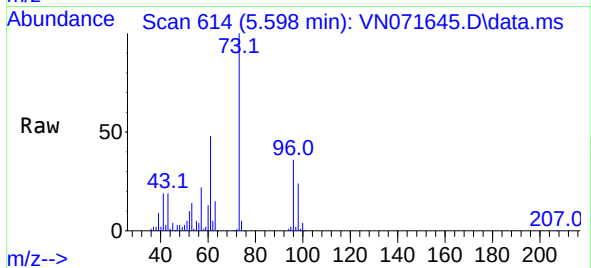
86 64.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.374 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

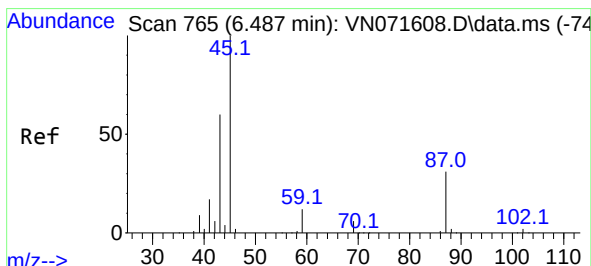
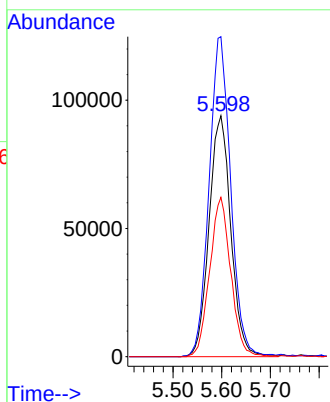
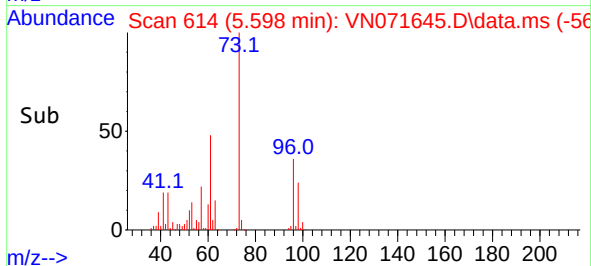
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



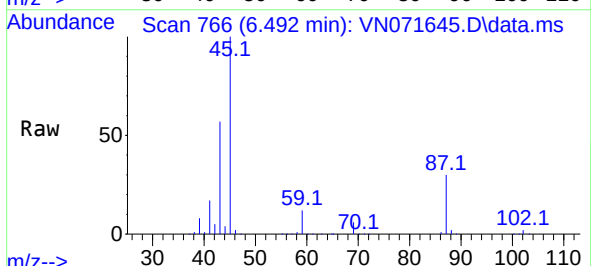
Tgt Ion: 96 Resp: 292239
Ion Ratio Lower Upper
96 100
61 132.8 105.8 158.8
98 66.1 50.3 75.5

Manual Integrations
APPROVED

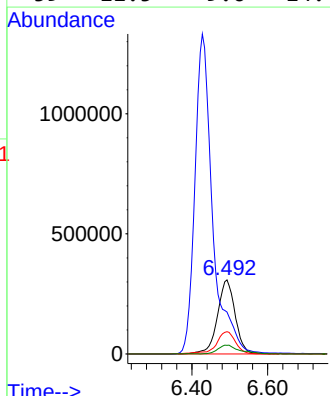
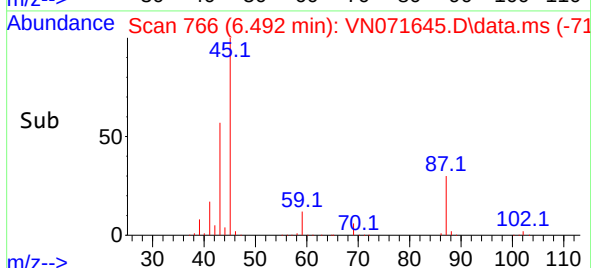
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

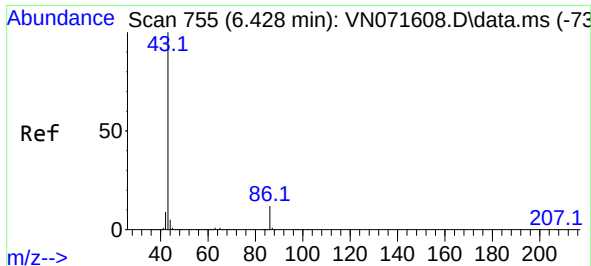


#22
Diisopropyl ether
Concen: 49.901 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 45 Resp: 1003248
Ion Ratio Lower Upper
45 100
43 55.8 46.6 70.0
87 30.0 24.3 36.5
59 11.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 255.751 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071645.D
 Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

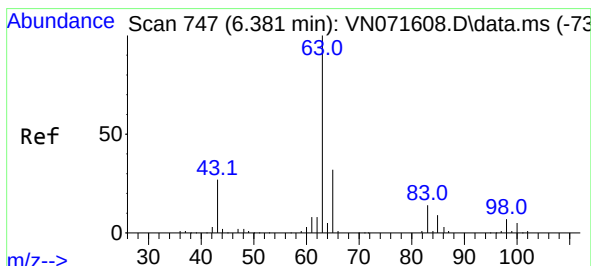
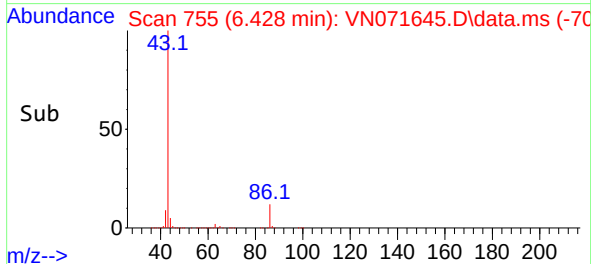
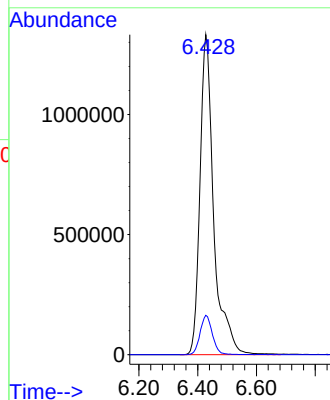
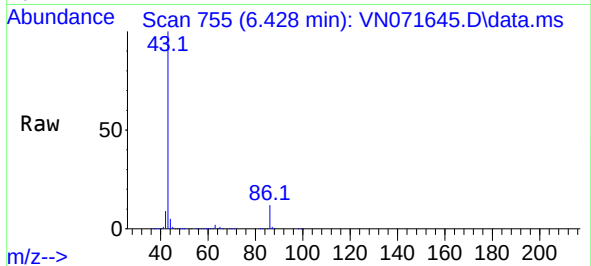
VSTDCCC050EC

Tgt Ion: 43 Resp: 433777
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.0 15.0

Manual Integrations

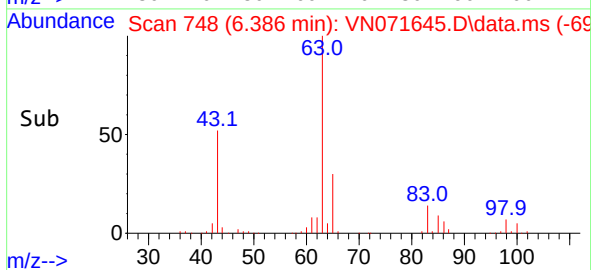
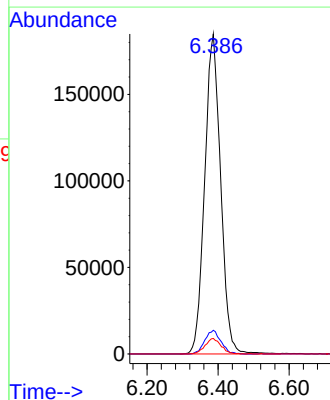
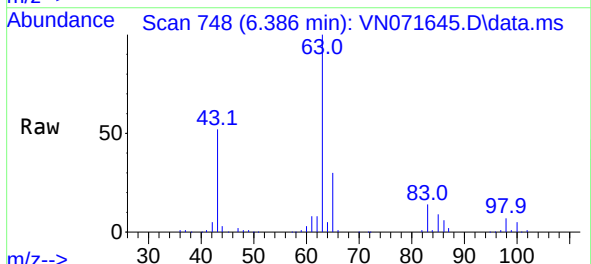
APPROVED

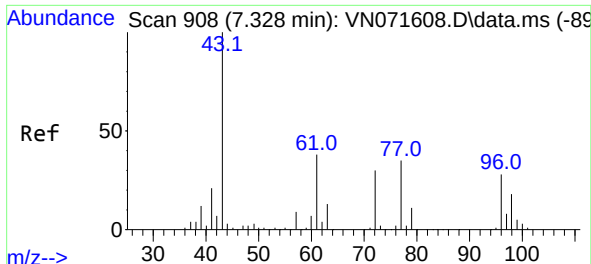
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#24
 1,1-Dichloroethane
 Concen: 48.313 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071645.D
 Acq: 29 Mar 2022 20:30

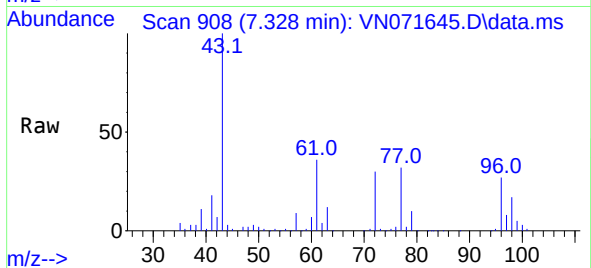
Tgt Ion: 63 Resp: 578442
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 253.399 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

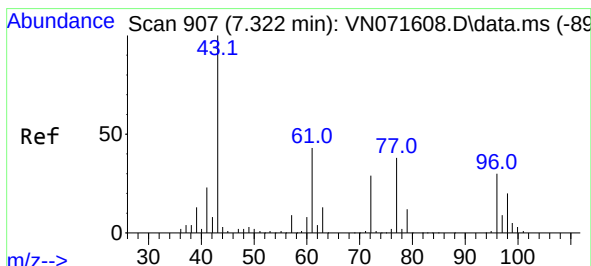
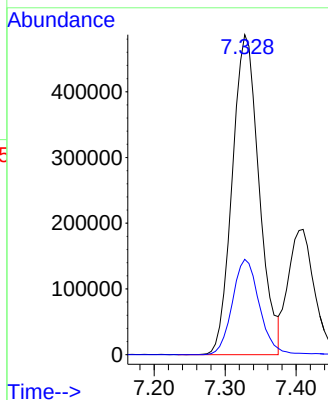
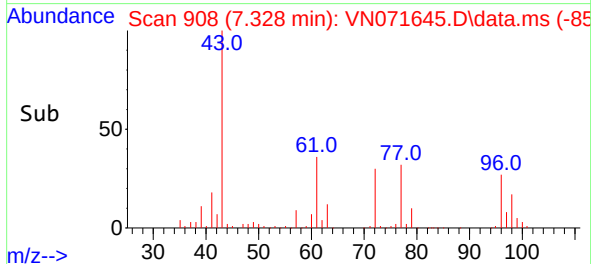
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



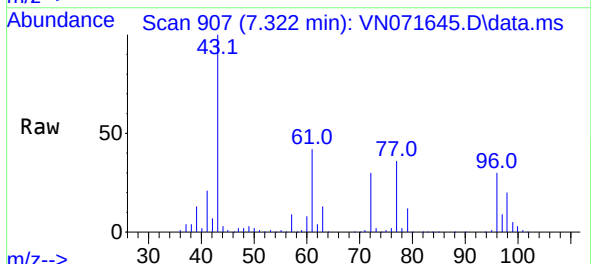
Tgt Ion: 43 Resp: 1279844
Ion Ratio Lower Upper
43 100
72 29.8 23.7 35.5

Manual Integrations
APPROVED

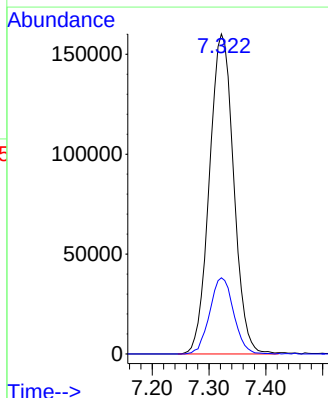
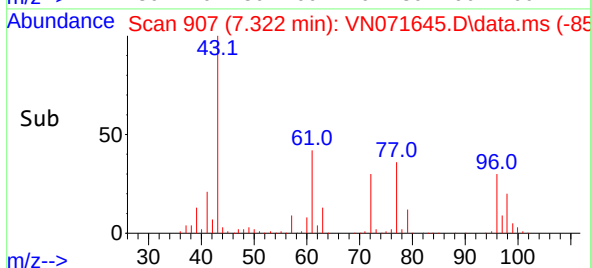
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

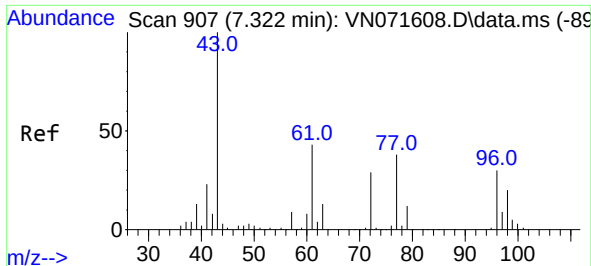


#26
2,2-Dichloropropane
Concen: 46.176 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 77 Resp: 475161
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





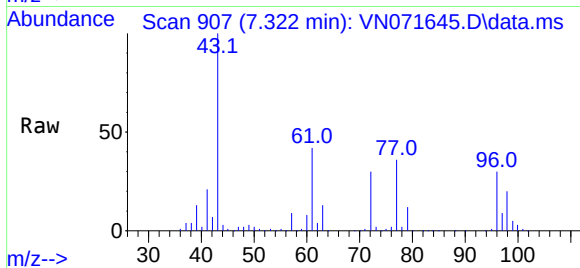
#27
 cis-1,2-Dichloroethene
 Concen: 47.808 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071645.D
 Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

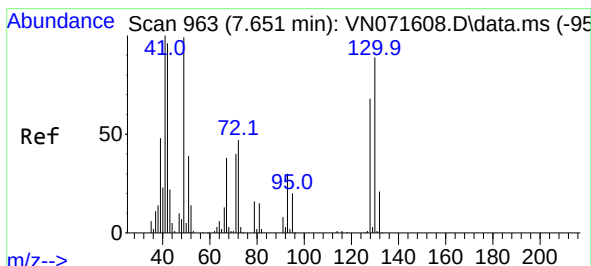
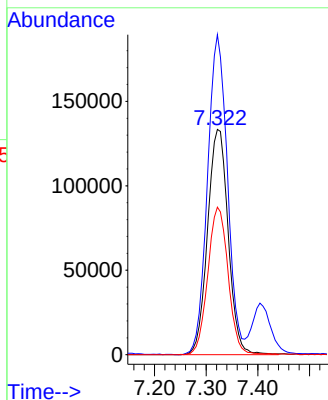
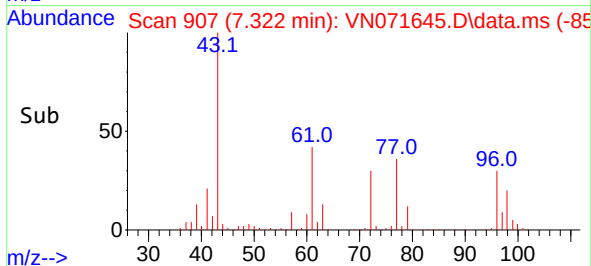


Tgt Ion: 96 Resp: 37025
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 280.6
 98 64.5 0.0 128.4

Manual Integrations

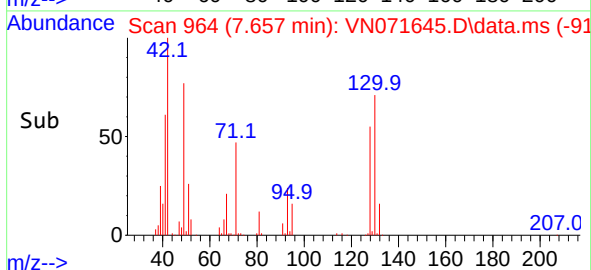
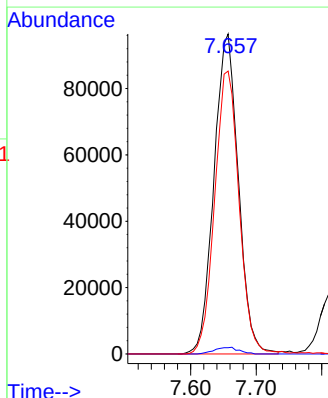
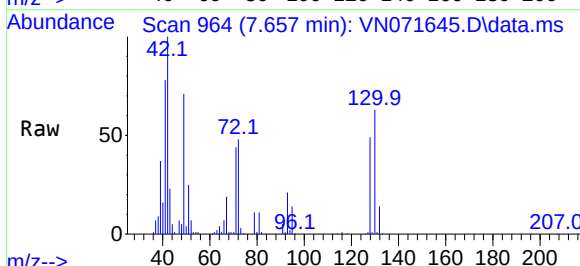
APPROVED

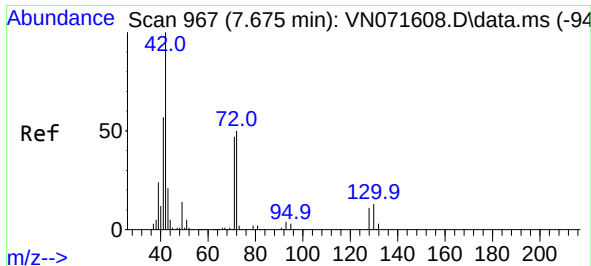
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022



#28
 Bromochloromethane
 Concen: 51.448 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071645.D
 Acq: 29 Mar 2022 20:30

Tgt Ion: 49 Resp: 248813
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 88.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 256.177 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071645.D

Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 83991

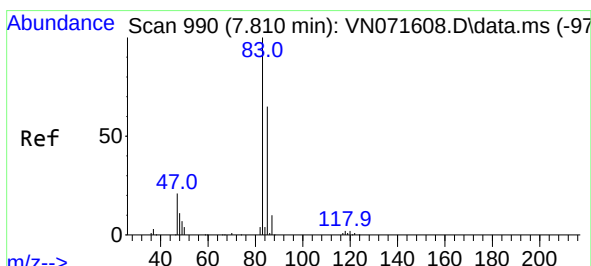
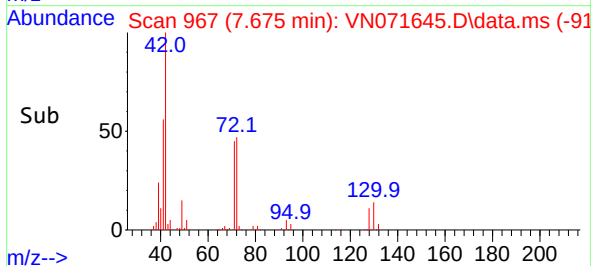
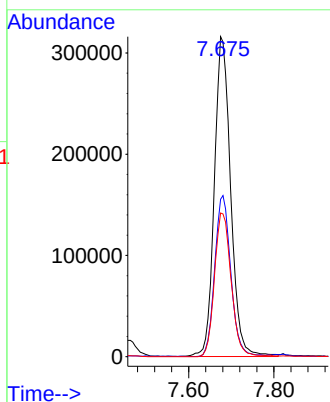
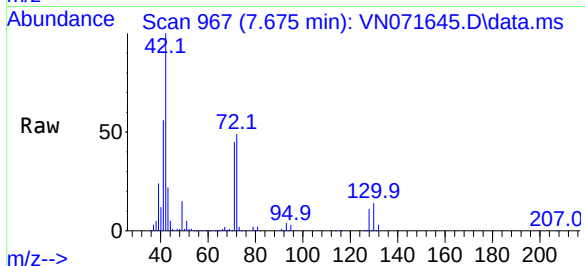
Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.7	59.5
71	45.8	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#30

Chloroform

Concen: 48.479 ug/l

RT: 7.816 min Scan# 991

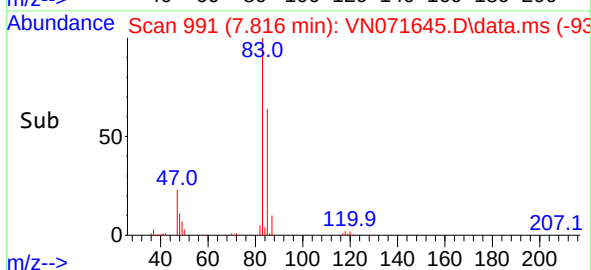
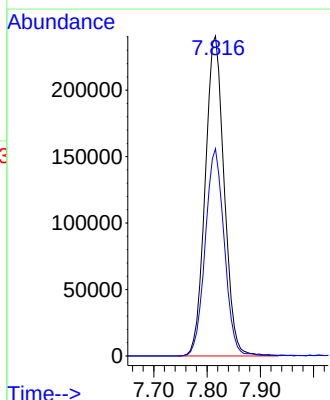
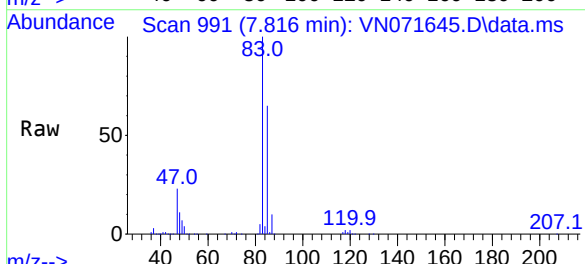
Delta R.T. 0.006 min

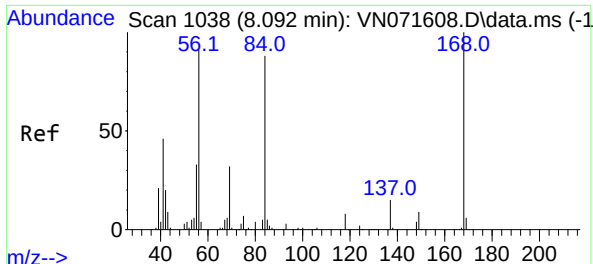
Lab File: VN071645.D

Acq: 29 Mar 2022 20:30

Tgt Ion: 83 Resp: 594860

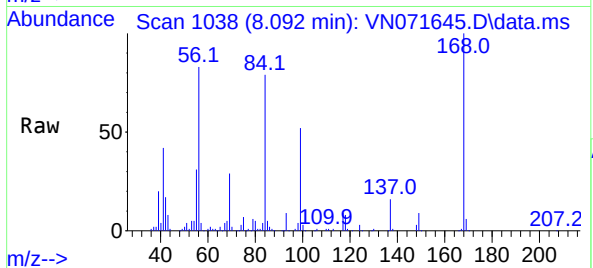
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.8





#31
Cyclohexane
Concen: 44.094 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

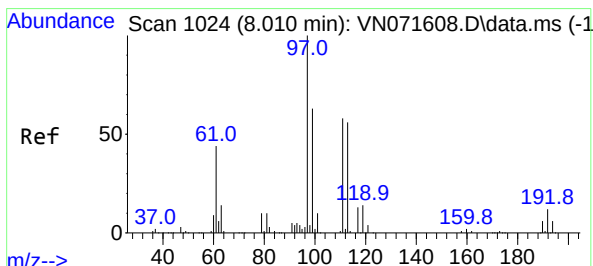
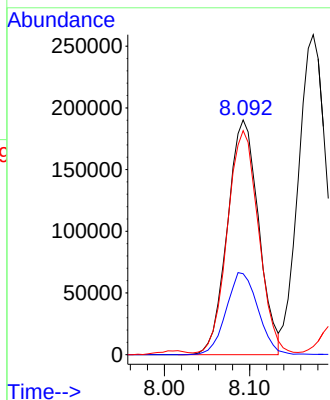
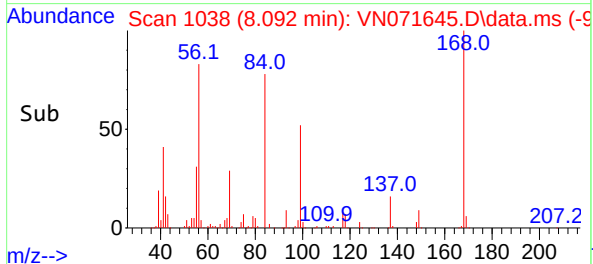
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



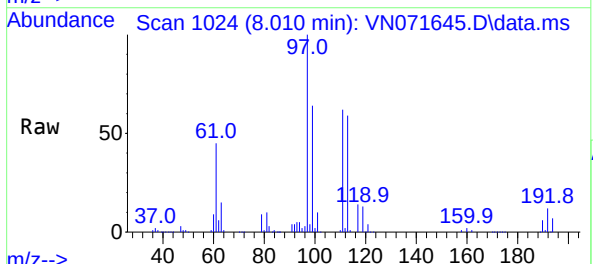
Tgt Ion: 56 Resp: 484670
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.8
84 93.7 76.9 115.3

Manual Integrations
APPROVED

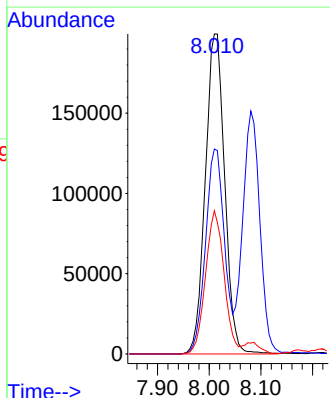
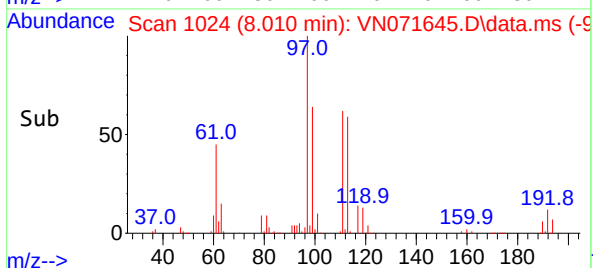
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

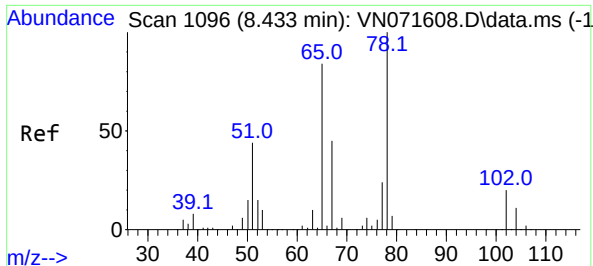


#32
1,1,1-Trichloroethane
Concen: 48.751 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 97 Resp: 518863
Ion Ratio Lower Upper
97 100
99 62.5 50.6 76.0
61 42.9 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 49.178 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

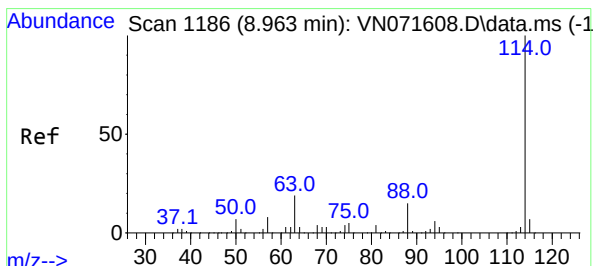
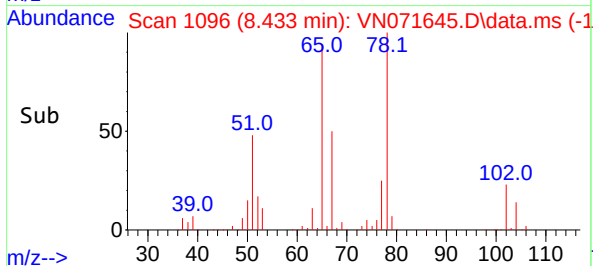
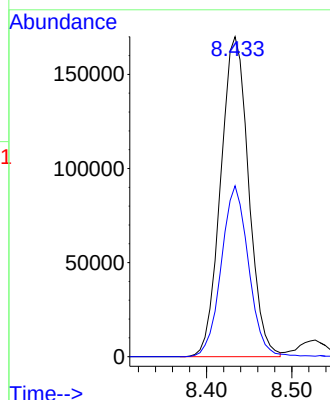
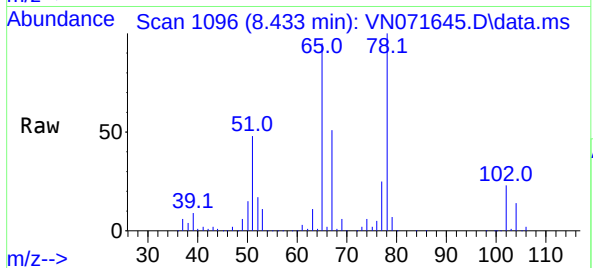
VSTDCCC050EC

Tgt Ion: 65 Resp: 387070
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.8

Manual Integrations

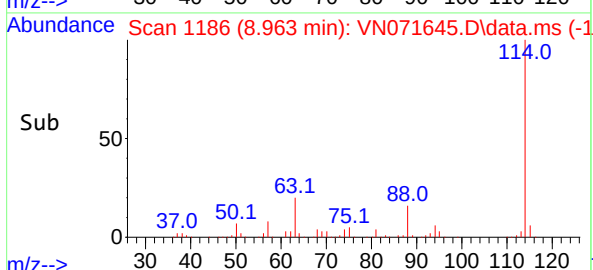
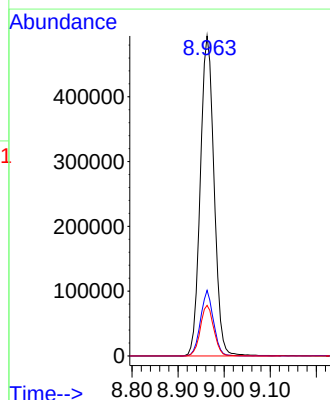
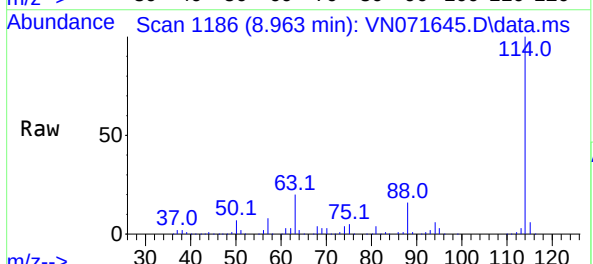
APPROVED

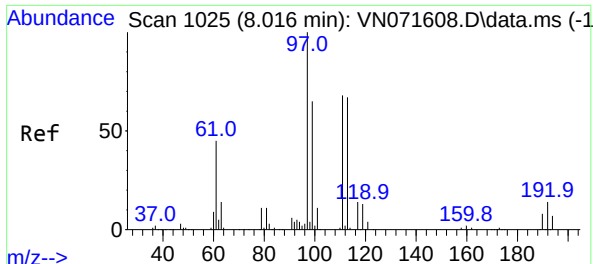
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

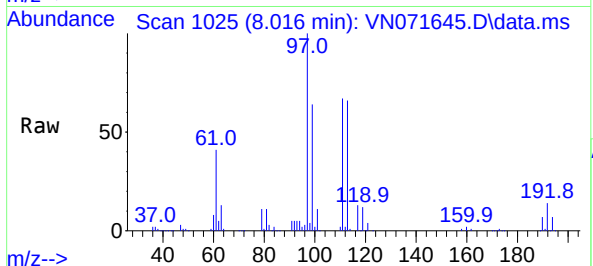
Tgt Ion:114 Resp: 1028969
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.0
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.929 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

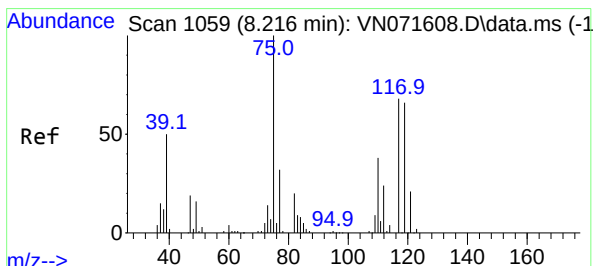
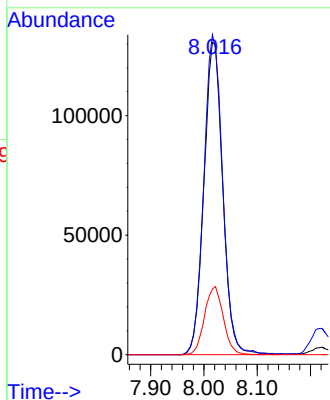
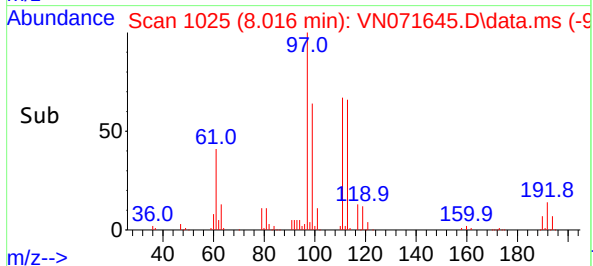
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



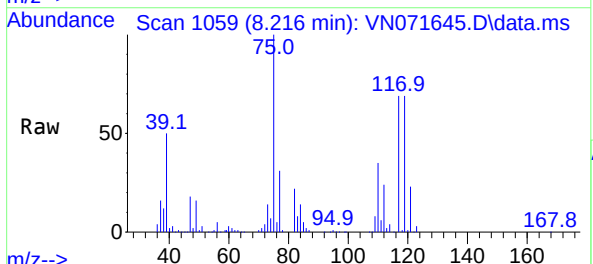
Tgt Ion:113 Resp: 321844
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 21.7 17.0 25.6

Manual Integrations
APPROVED

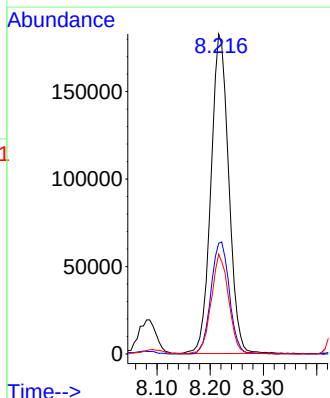
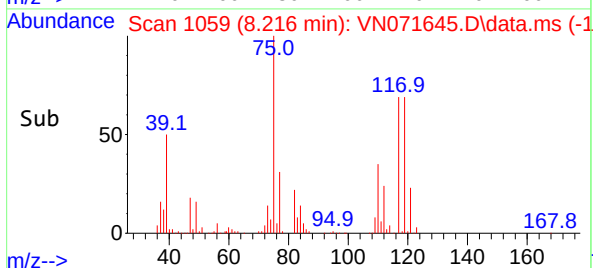
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

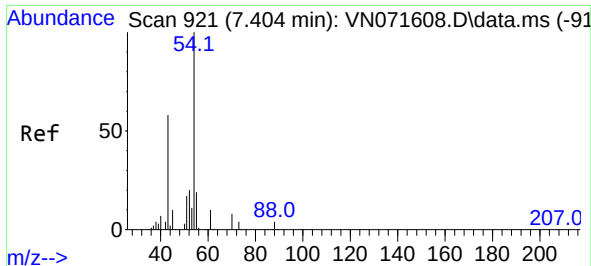


#36
1,1-Dichloropropene
Concen: 46.759 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



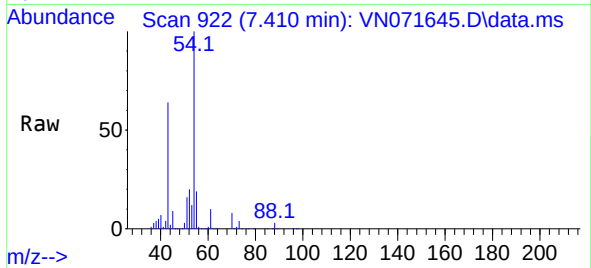
Tgt Ion: 75 Resp: 424791
Ion Ratio Lower Upper
75 100
110 36.2 18.3 54.8
77 30.6 25.1 37.7





#37
Ethyl Acetate
Concen: 51.089 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

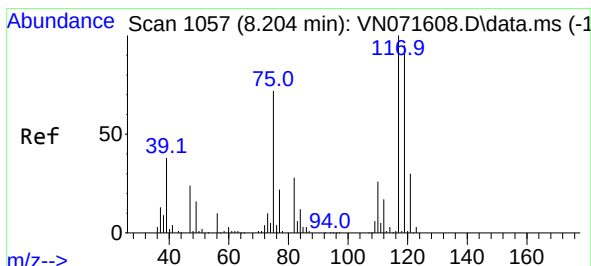
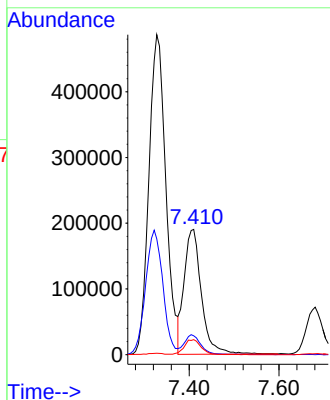
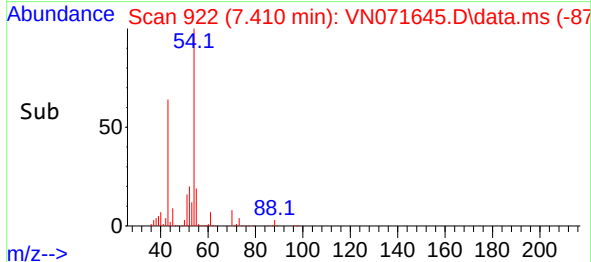
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 507500
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 11.6 9.3 13.9

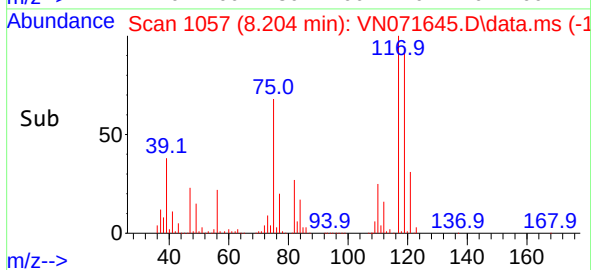
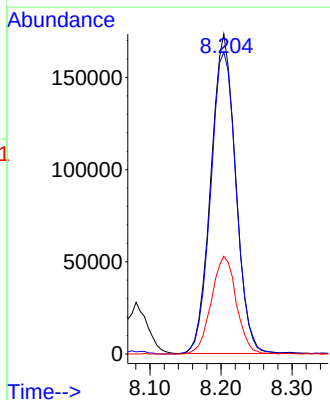
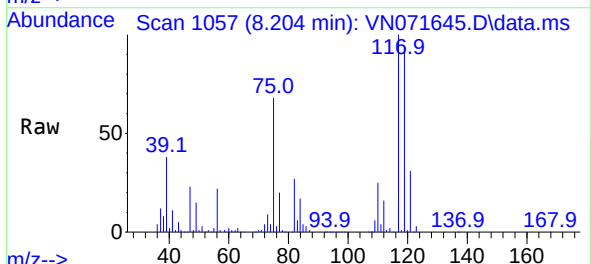
Manual Integrations
APPROVED

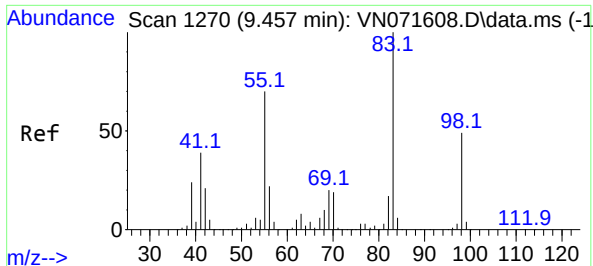
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#38
Carbon Tetrachloride
Concen: 46.521 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

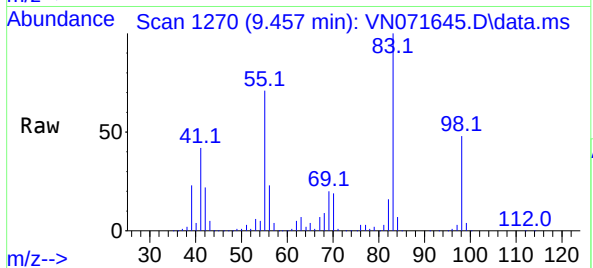
Tgt Ion:117 Resp: 418832
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
121 30.6 24.6 37.0





#39
Methylcyclohexane
Concen: 46.455 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

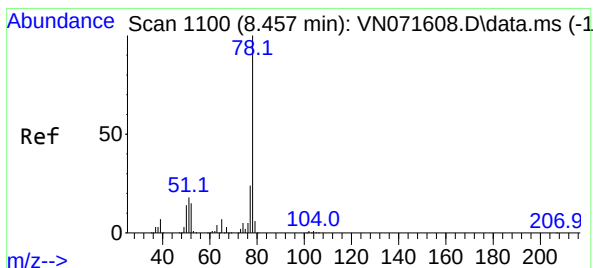
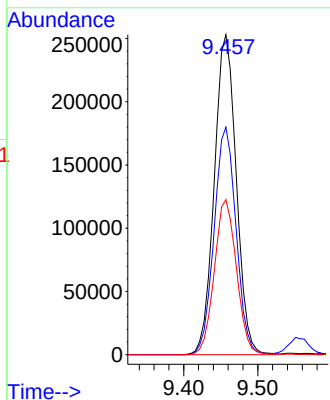
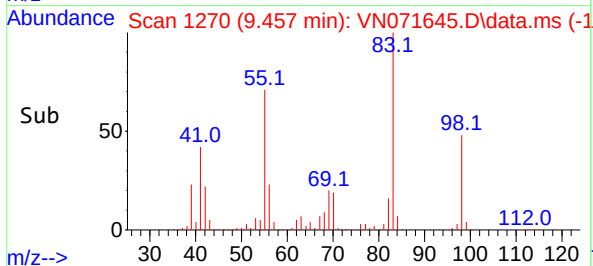
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



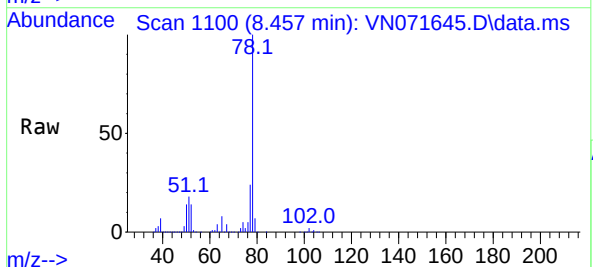
Tgt Ion: 83 Resp: 521979
Ion Ratio Lower Upper
83 100
55 71.1 57.8 86.8
98 48.5 39.4 59.2

Manual Integrations
APPROVED

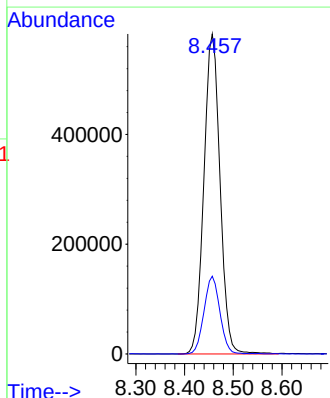
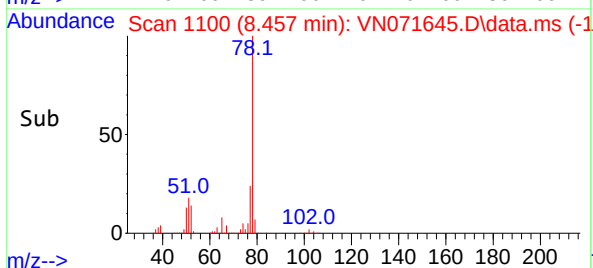
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

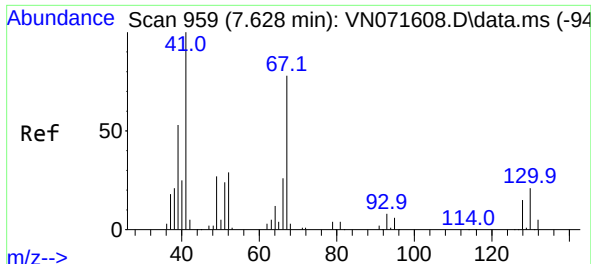


#40
Benzene
Concen: 47.980 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



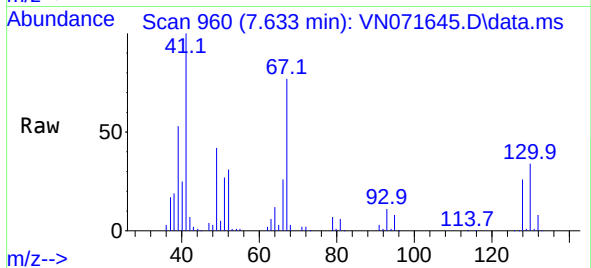
Tgt Ion: 78 Resp: 1338279
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0





#41
Methacrylonitrile
Concen: 56.152 ug/l
RT: 7.633 min Scan# 960
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

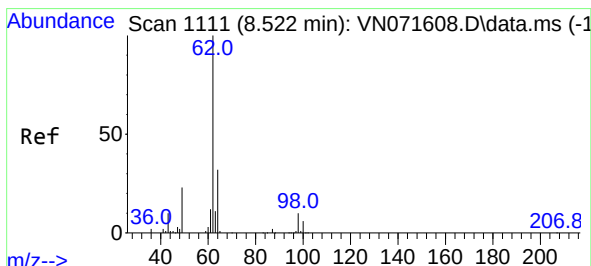
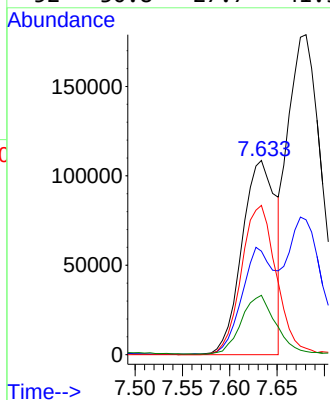
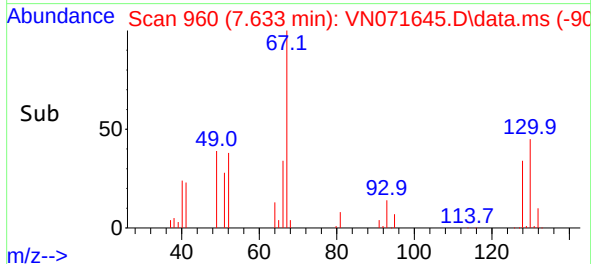
Instrument :
MSVOA_N
Client SampleId :
VSTDCCC050EC



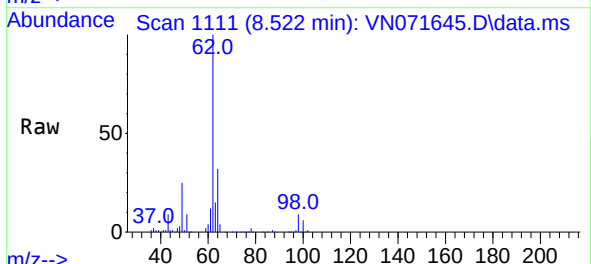
Tgt Ion: 41 Resp: 271294
Ion Ratio Lower Upper
41 100
39 53.6 48.6 73.0
67 80.0 73.4 110.2
52 30.8 27.7 41.5

Manual Integrations
APPROVED

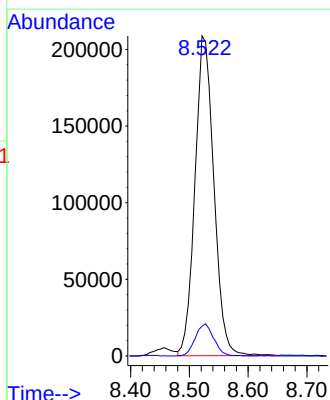
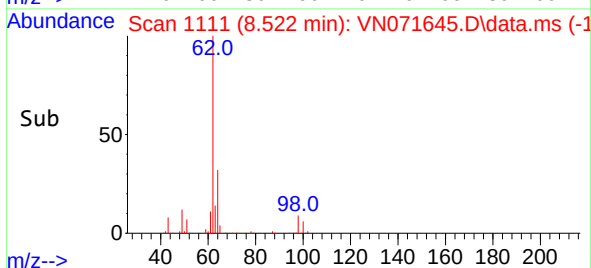
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

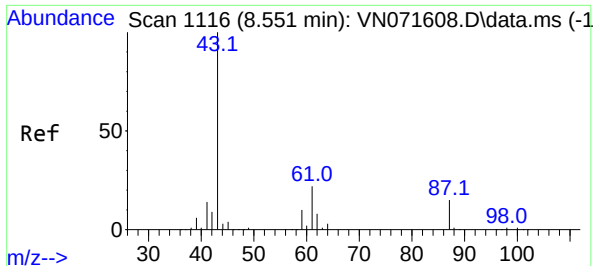


#42
1,2-Dichloroethane
Concen: 48.318 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 62 Resp: 465819
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





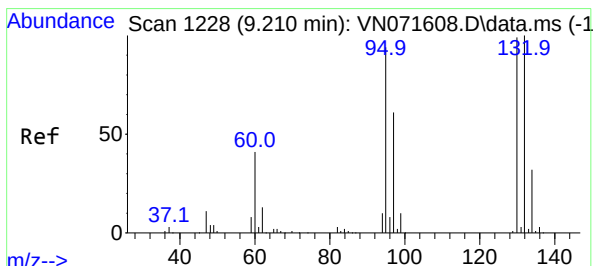
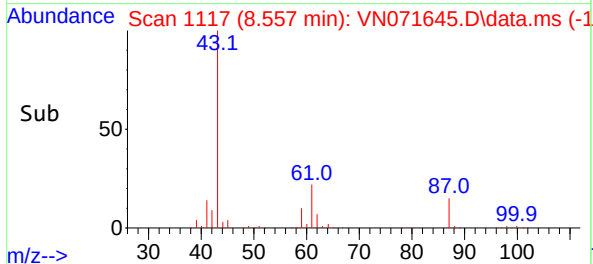
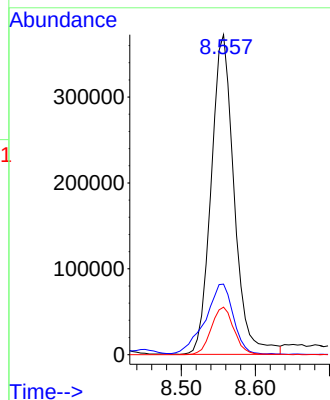
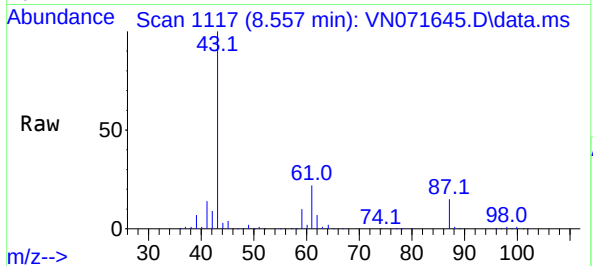
#43
Isopropyl Acetate
Concen: 49.362 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 801452
Ion Ratio Lower Upper
43 100
61 27.2 21.9 32.9
87 14.8 12.0 18.0

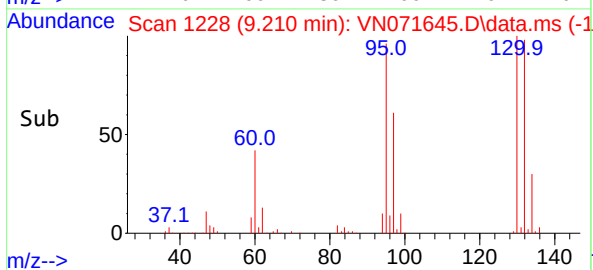
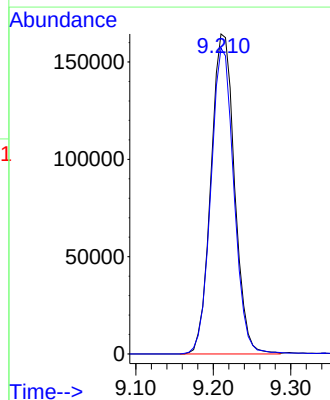
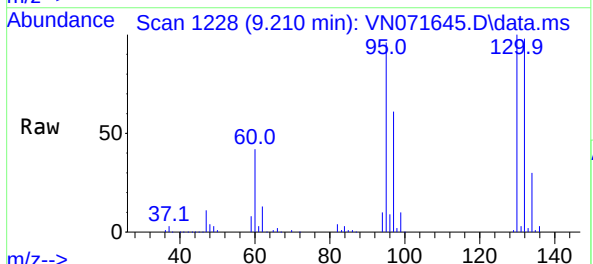
Manual Integrations
APPROVED

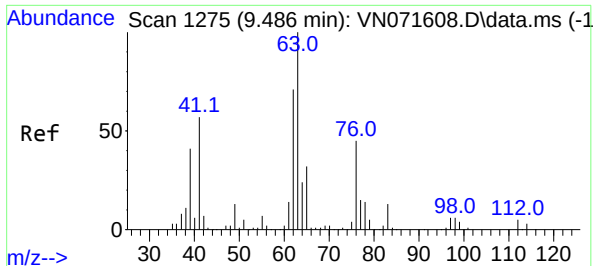
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#44
Trichloroethene
Concen: 47.338 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Tgt Ion:130 Resp: 347044
Ion Ratio Lower Upper
130 100
95 95.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.197 ug/l

RT: 9.486 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071645.D

Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 33804

Ion Ratio Lower Upper

63 100

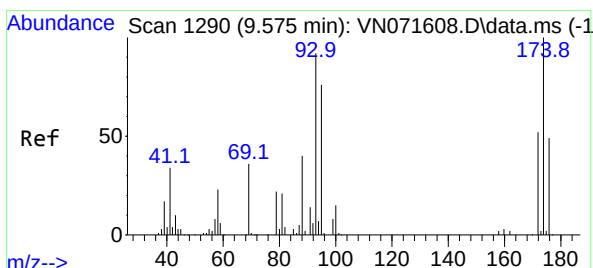
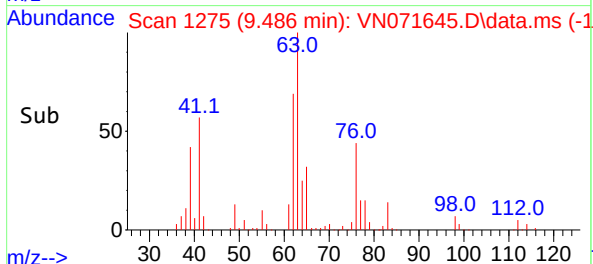
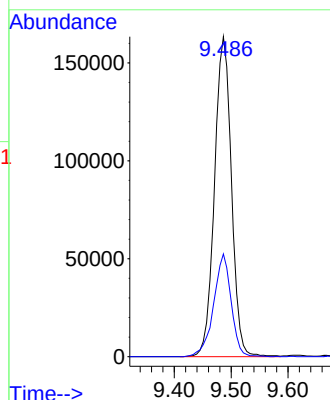
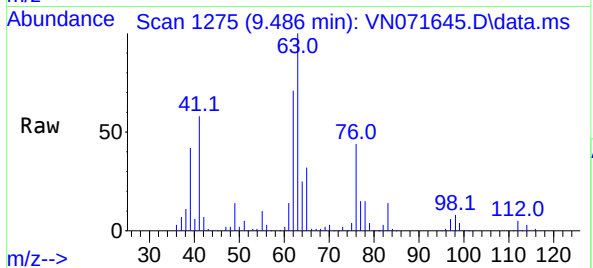
65 32.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#46

Dibromomethane

Concen: 48.833 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071645.D

Acq: 29 Mar 2022 20:30

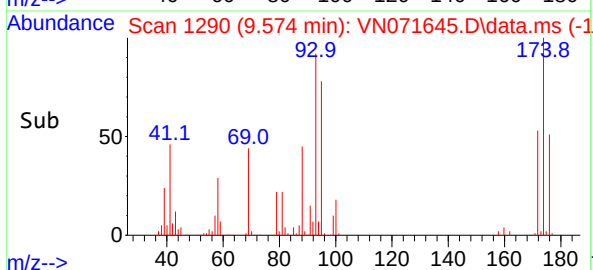
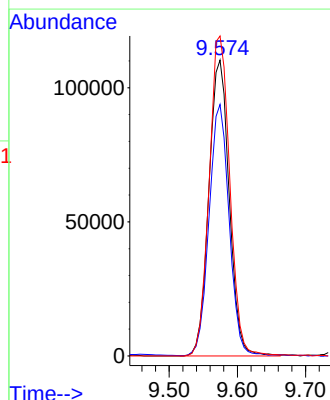
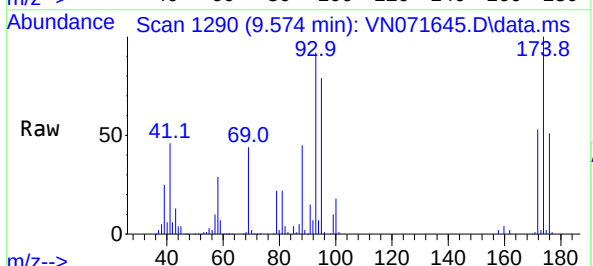
Tgt Ion: 93 Resp: 229645

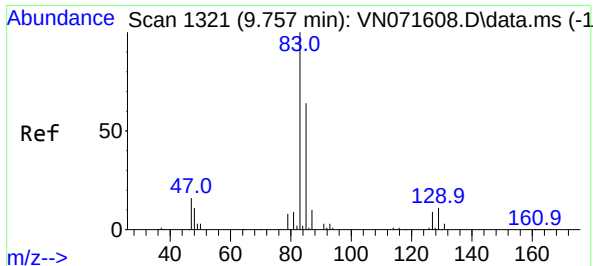
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

174 109.9 86.6 130.0





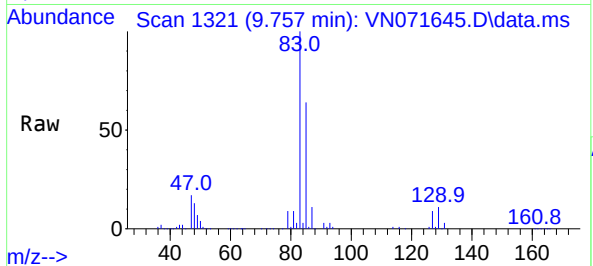
#47
Bromodichloromethane
Concen: 50.395 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



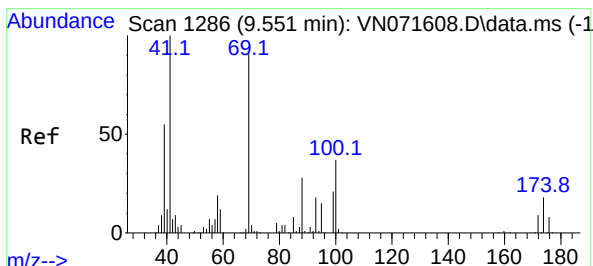
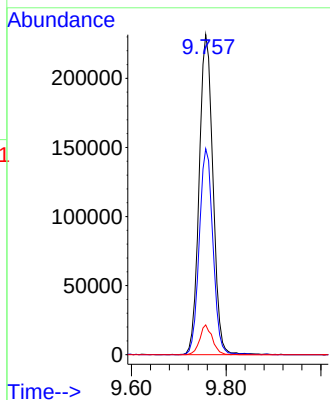
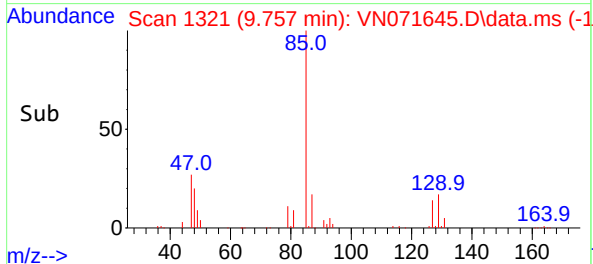
Tgt Ion: 83 Resp: 466944
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7
127 9.3 6.8 10.2

Manual Integrations

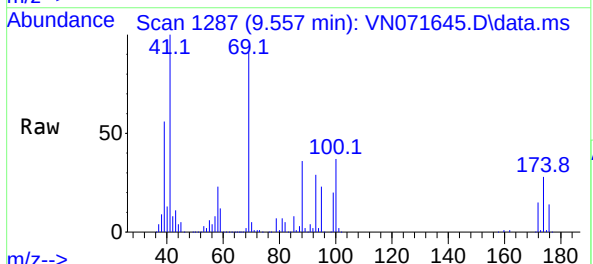
APPROVED

Reviewed By :John Carlone 03/30/2022

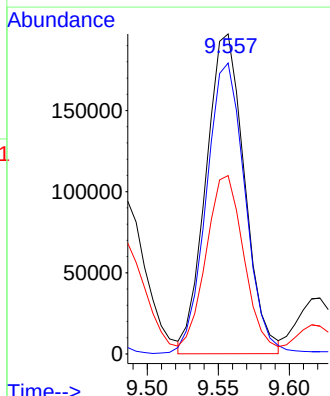
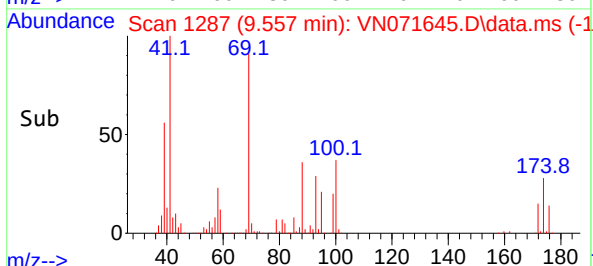
Supervised By :Mahesh Dadoda 03/30/2022

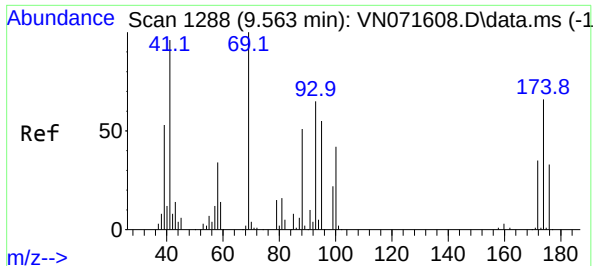


#48
Methyl methacrylate
Concen: 51.997 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



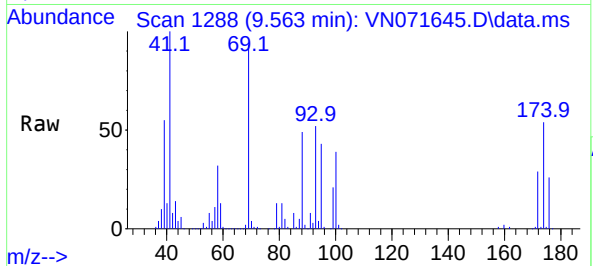
Tgt Ion: 41 Resp: 372007
Ion Ratio Lower Upper
41 100
69 92.0 74.7 112.1
39 55.3 45.6 68.4





#49
1,4-Dioxane
Concen: 1047.787 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

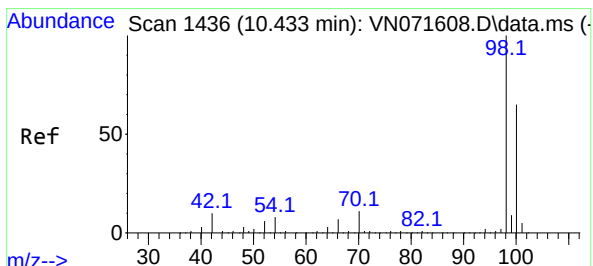
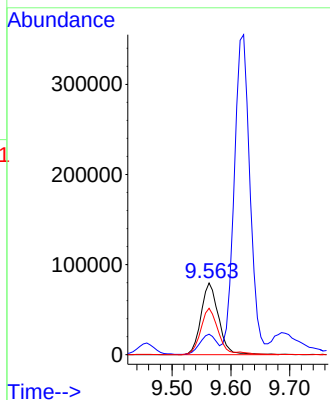
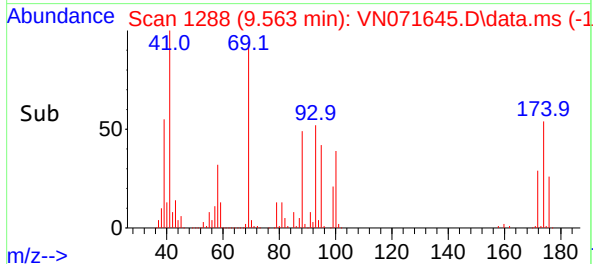
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



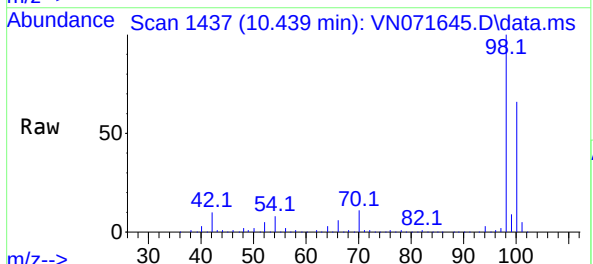
Tgt Ion: 88 Resp: 165048
Ion Ratio Lower Upper
88 100
43 26.3 20.2 30.4
58 66.1 54.2 81.4

Manual Integrations
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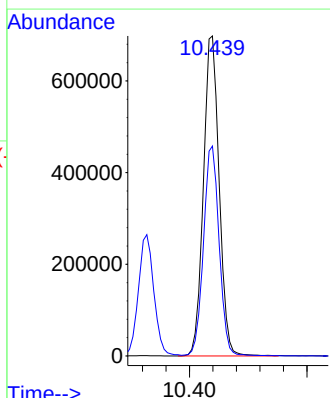
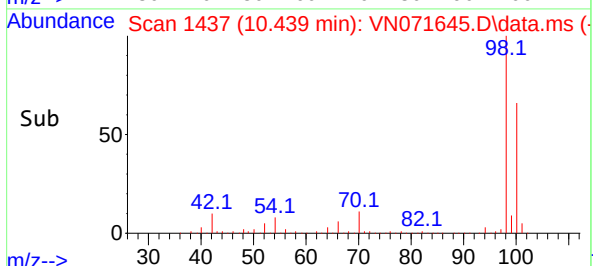
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

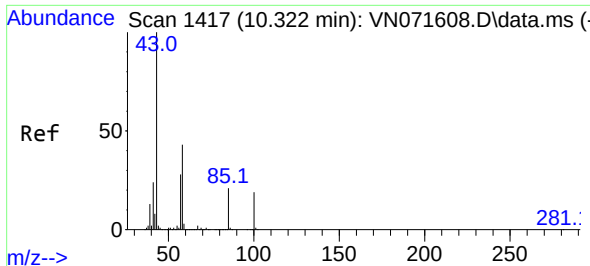


#50
Toluene-d8
Concen: 49.917 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



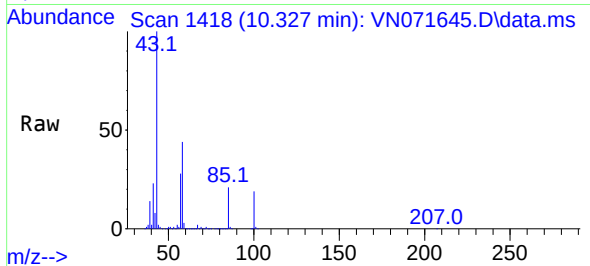
Tgt Ion: 98 Resp: 1301171
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 260.644 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

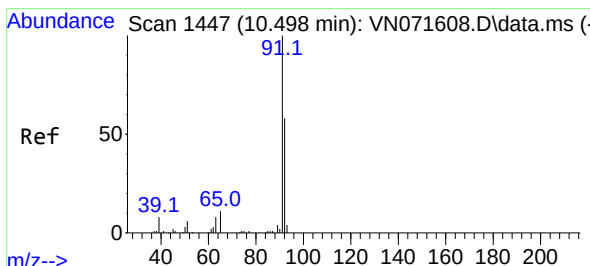
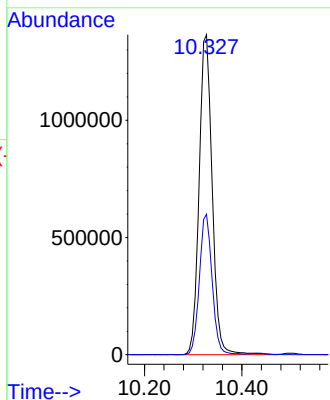
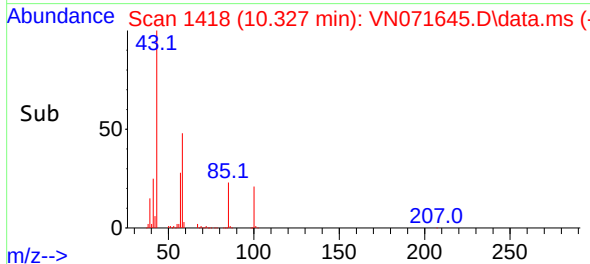
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



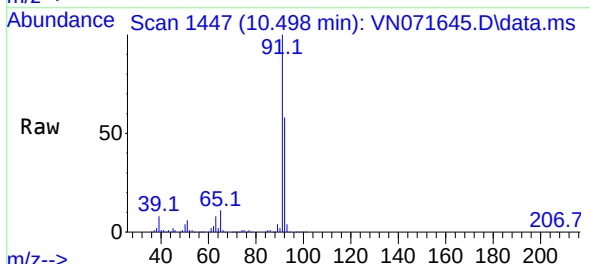
Tgt Ion: 43 Resp: 253868
Ion Ratio Lower Upper
43 100
58 42.8 34.1 51.1

Manual Integrations
APPROVED

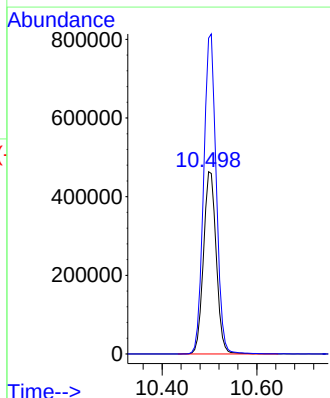
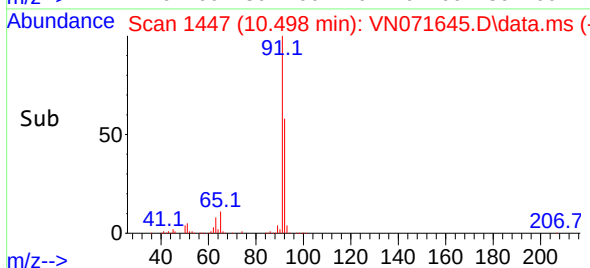
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

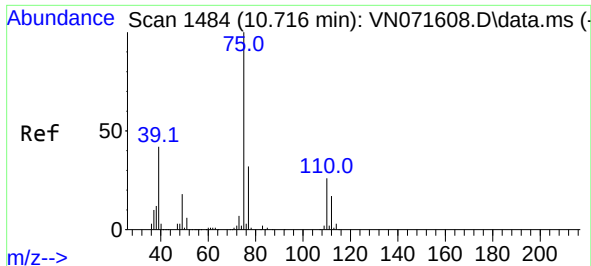


#52
Toluene
Concen: 48.275 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 92 Resp: 865932
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8





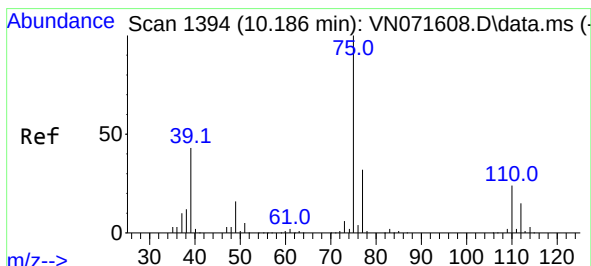
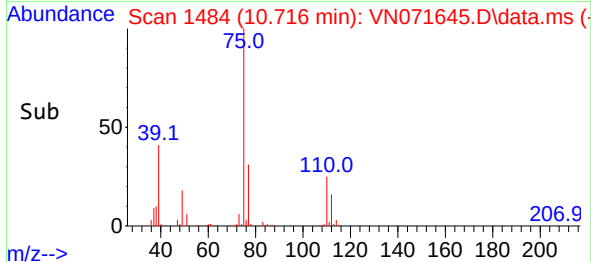
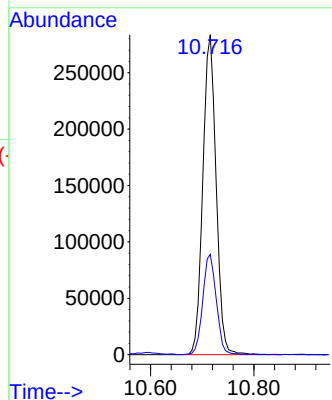
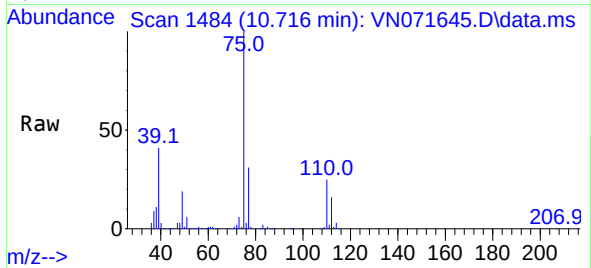
#53
t-1,3-Dichloropropene
Concen: 50.160 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 50525
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

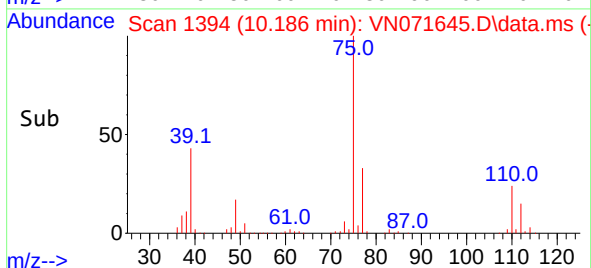
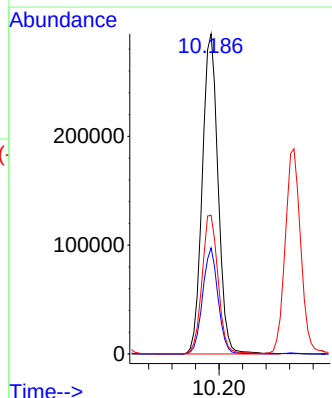
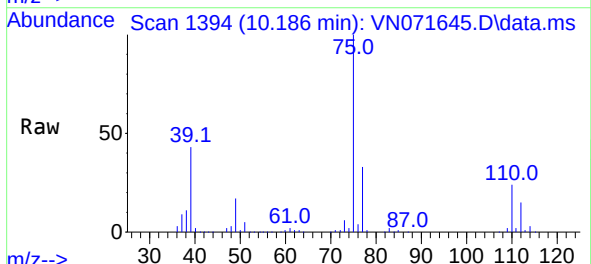
Manual Integrations
APPROVED

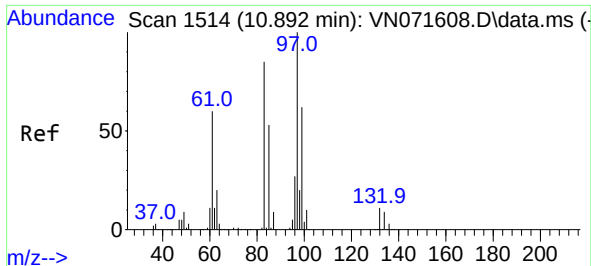
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#54
cis-1,3-Dichloropropene
Concen: 49.999 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

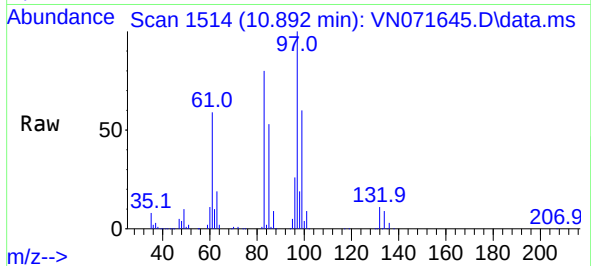
Tgt Ion: 75 Resp: 547940
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8
39 43.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.231 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

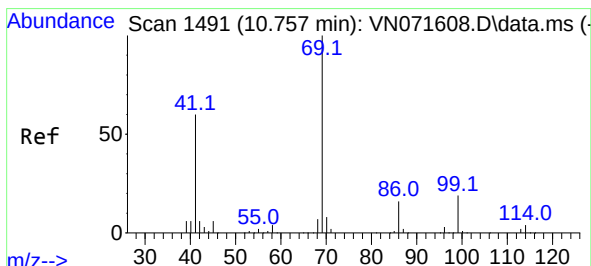
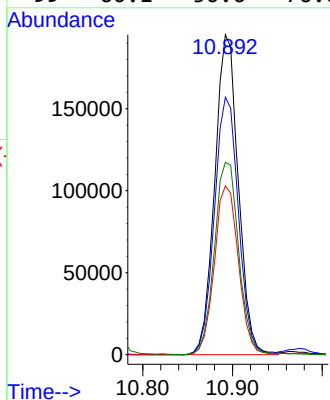
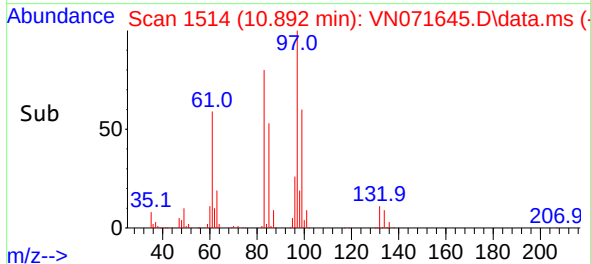
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



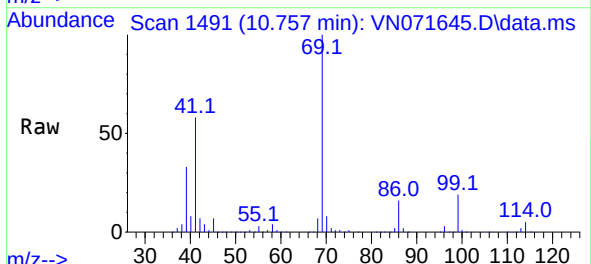
Tgt Ion: 97 Resp: 355608
Ion Ratio Lower Upper
97 100
83 80.5 66.2 99.4
85 52.8 43.9 65.9
99 60.1 50.6 76.0

Manual Integrations
APPROVED

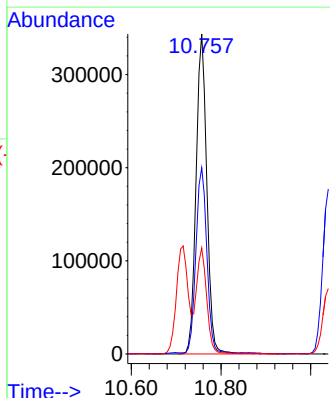
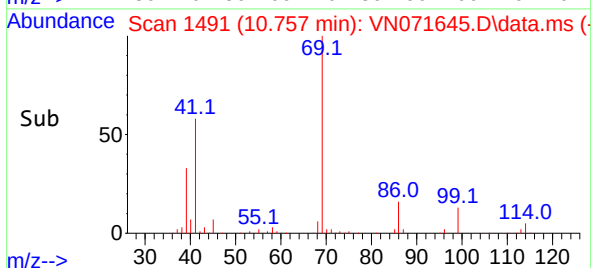
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

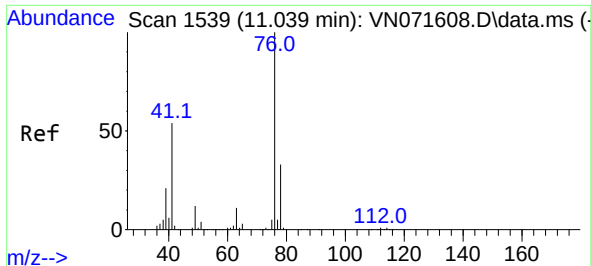


#56
Ethyl methacrylate
Concen: 52.815 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 69 Resp: 570078
Ion Ratio Lower Upper
69 100
41 58.6 47.8 71.6
39 32.4 27.3 40.9





#57

1,3-Dichloropropane

Concen: 49.084 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071645.D

Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 591884

Ion Ratio Lower Upper

76 100

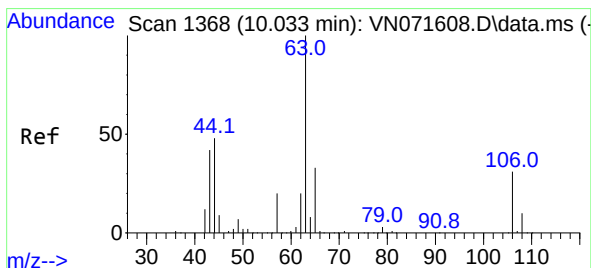
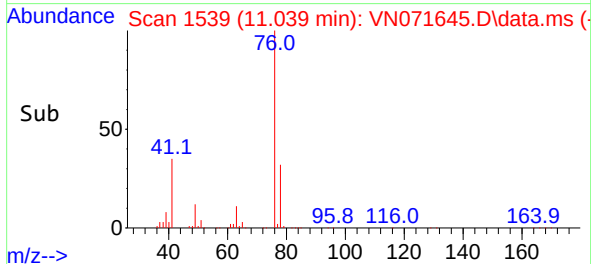
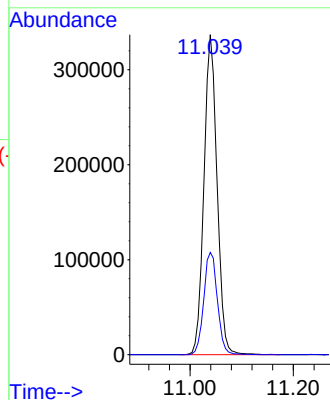
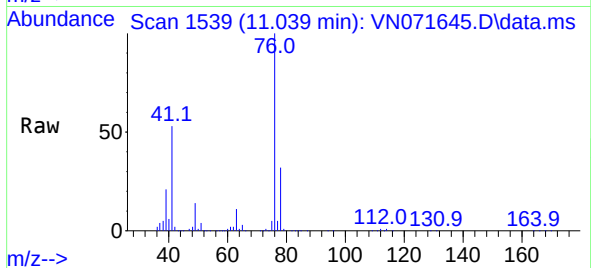
78 33.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/30/2022

Supervised By :Mahesh Dadoda 03/30/2022



#58

2-Chloroethyl Vinyl ether

Concen: 235.984 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071645.D

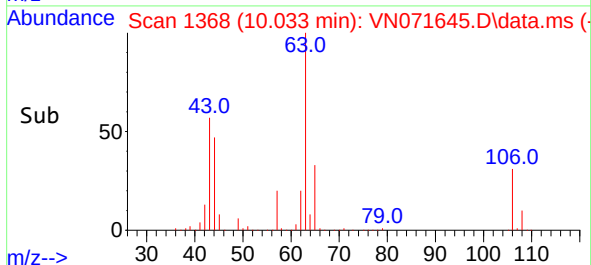
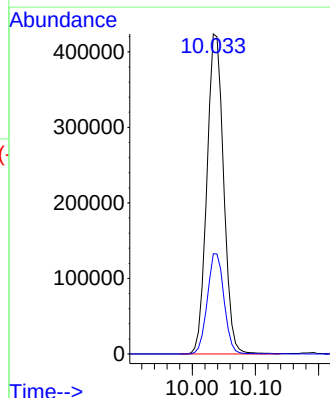
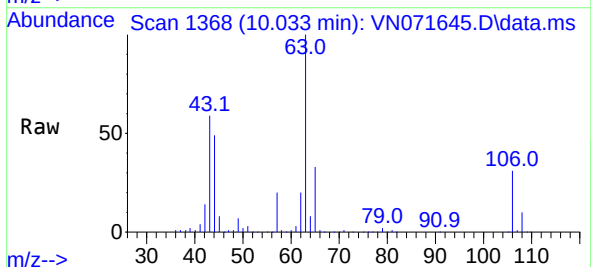
Acq: 29 Mar 2022 20:30

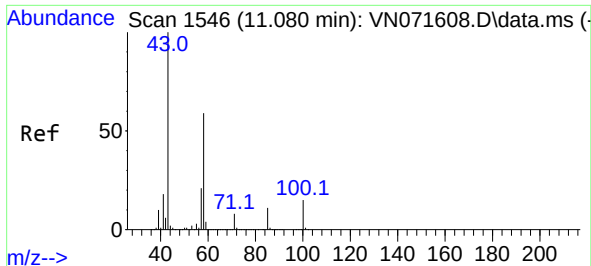
Tgt Ion: 63 Resp: 780315

Ion Ratio Lower Upper

63 100

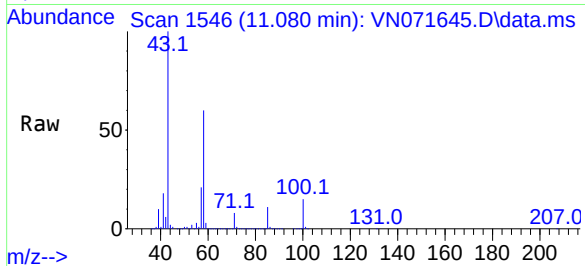
106 31.3 24.6 36.8





#59
2-Hexanone
Concen: 264.798 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

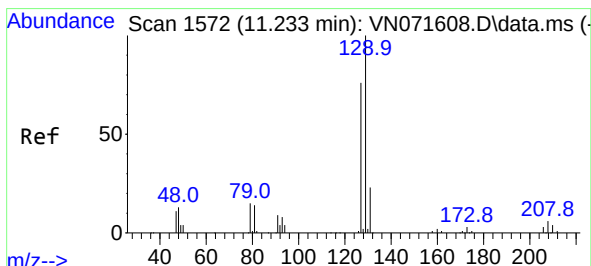
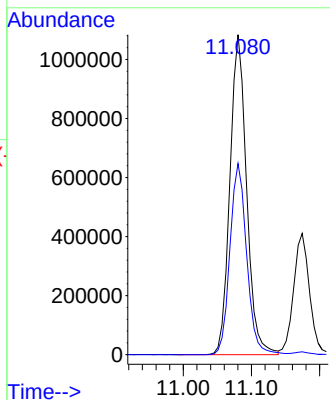
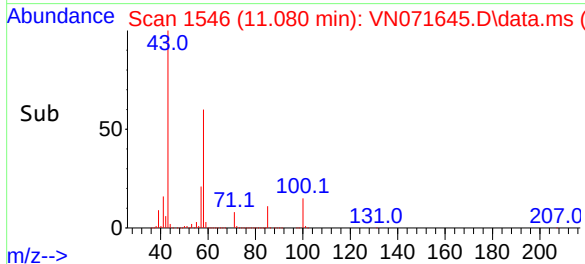
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1845100
Ion Ratio Lower Upper
43 100
58 60.0 29.7 89.1

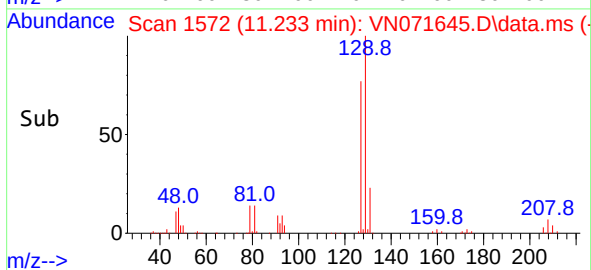
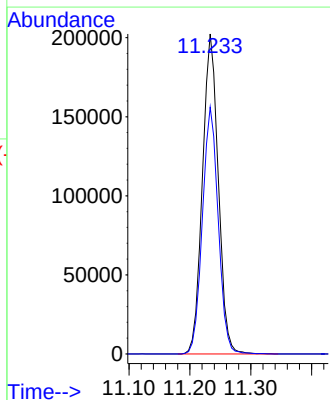
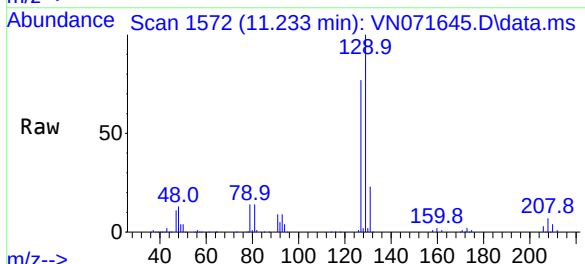
Manual Integrations
APPROVED

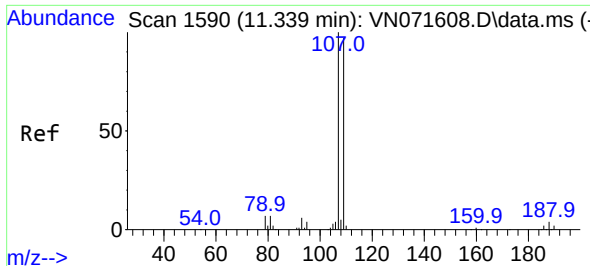
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#60
Dibromochloromethane
Concen: 50.552 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

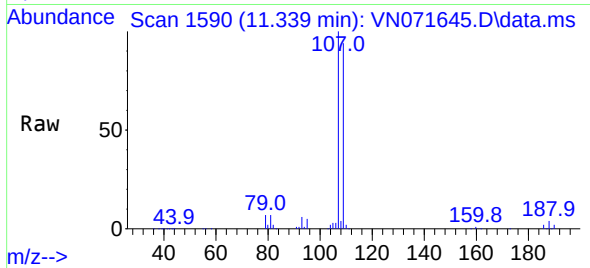
Tgt Ion:129 Resp: 366172
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.368 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

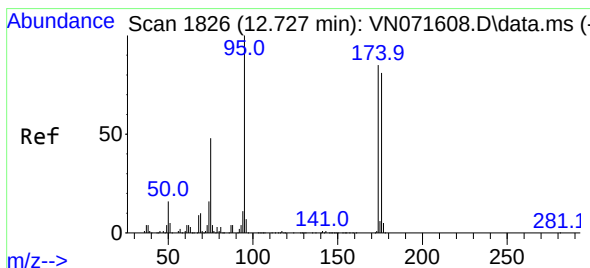
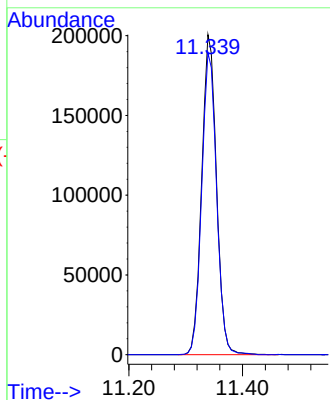
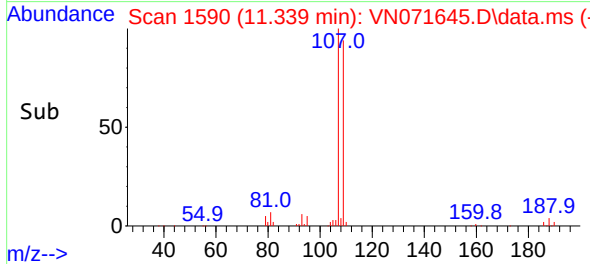
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



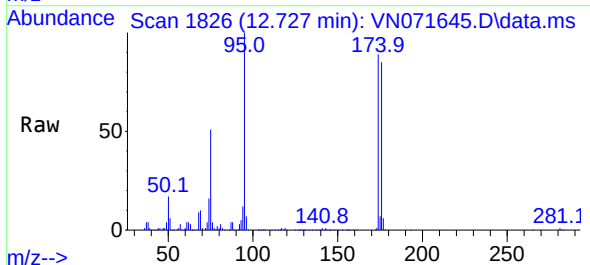
Tgt Ion:107 Resp: 361014
Ion Ratio Lower Upper
107 100
109 95.2 75.0 112.6

Manual Integrations
APPROVED

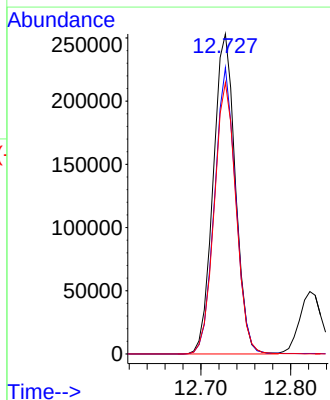
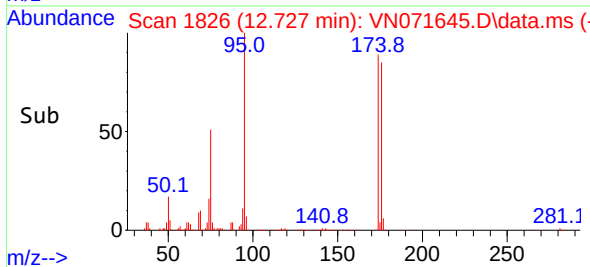
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

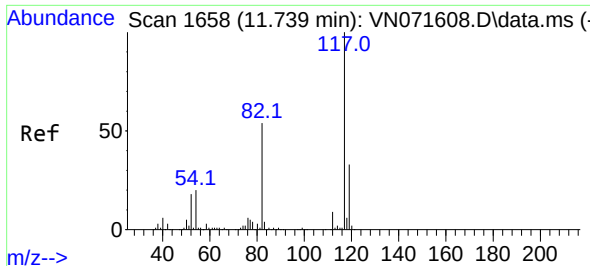


#62
4-Bromofluorobenzene
Concen: 50.857 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



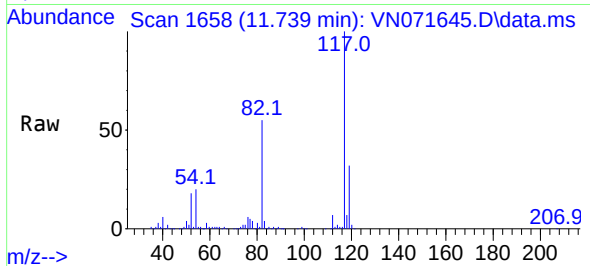
Tgt Ion: 95 Resp: 432470
Ion Ratio Lower Upper
95 100
174 85.9 0.0 167.6
176 83.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

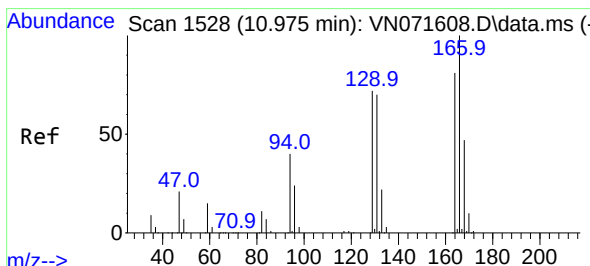
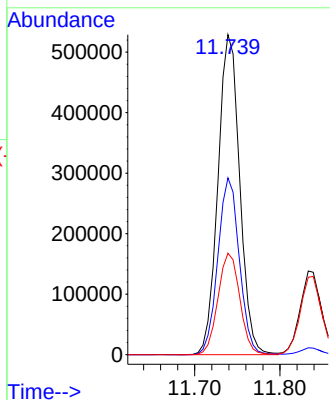
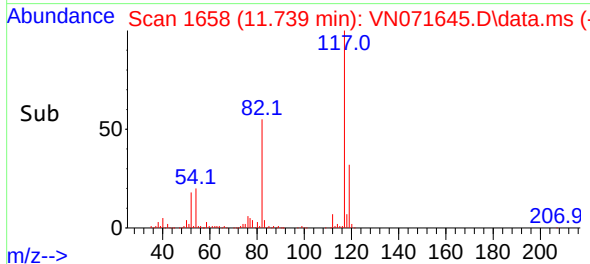
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



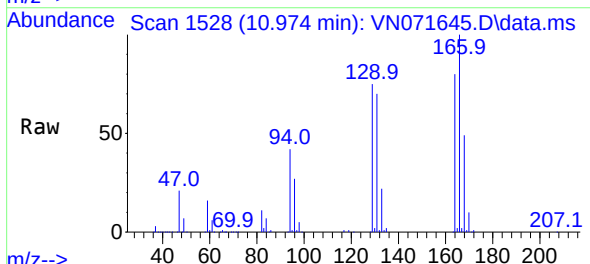
Tgt Ion:117 Resp: 94016
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 31.7 25.4 38.0

Manual Integrations
APPROVED

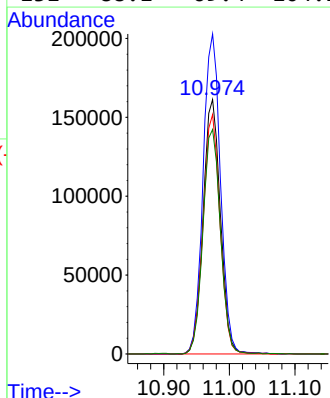
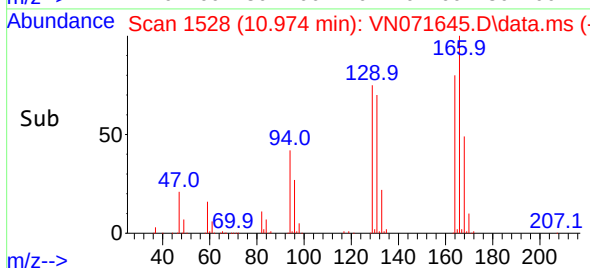
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

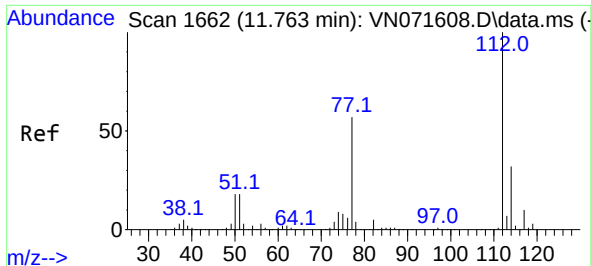


#64
Tetrachloroethene
Concen: 45.571 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



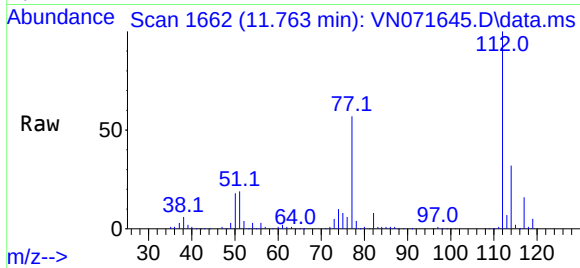
Tgt Ion:164 Resp: 296518
Ion Ratio Lower Upper
164 100
166 125.7 104.2 156.2
129 94.0 73.9 110.9
131 88.1 69.4 104.2





#65
Chlorobenzene
Concen: 48.033 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

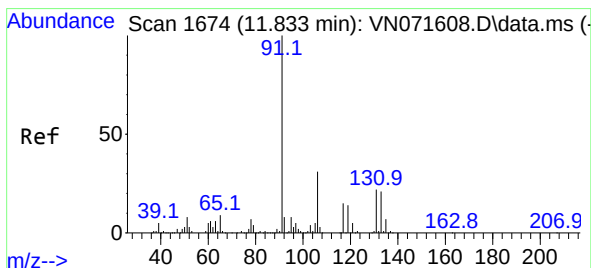
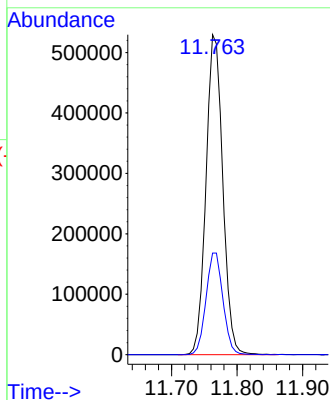
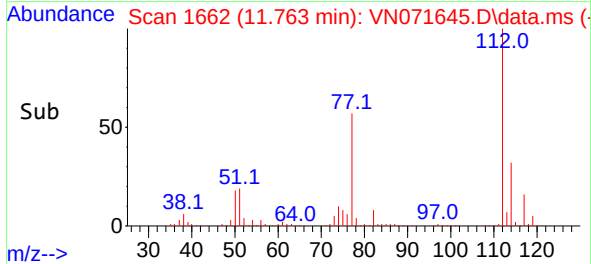
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



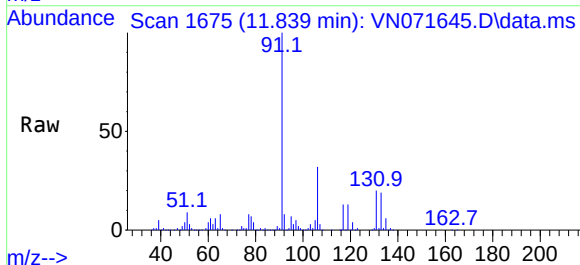
Tgt Ion:112 Resp: 942314
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

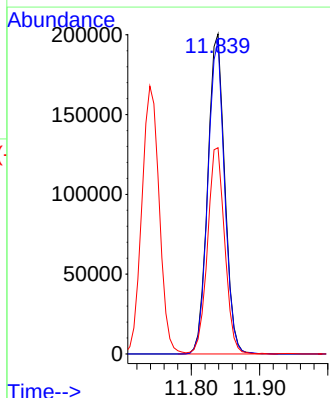
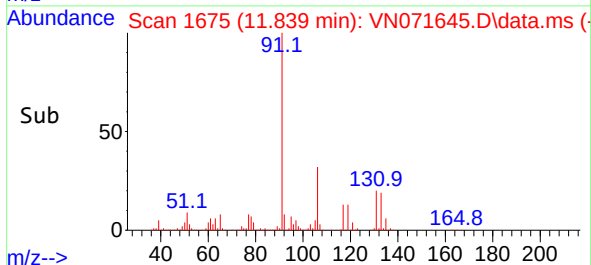
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

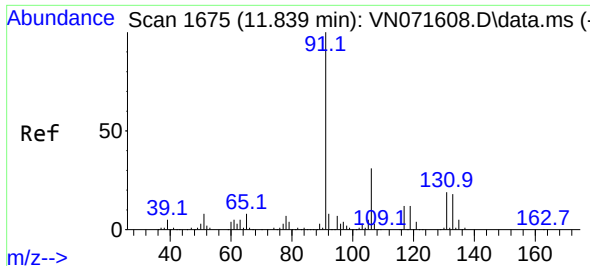


#66
1,1,1,2-Tetrachloroethane
Concen: 49.477 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion:131 Resp: 348341
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 65.2 33.4 100.2





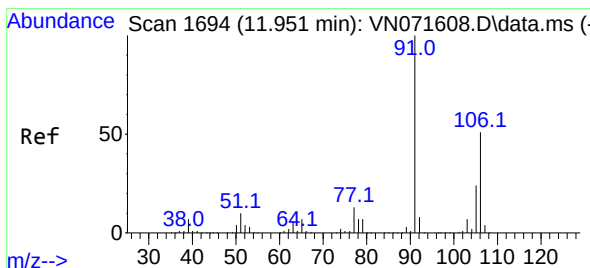
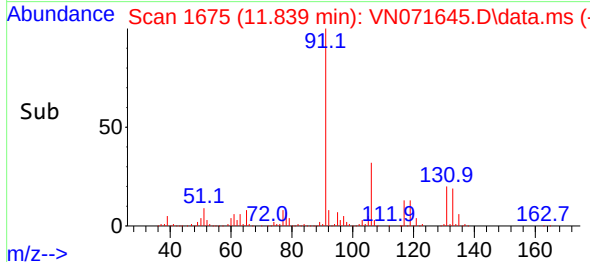
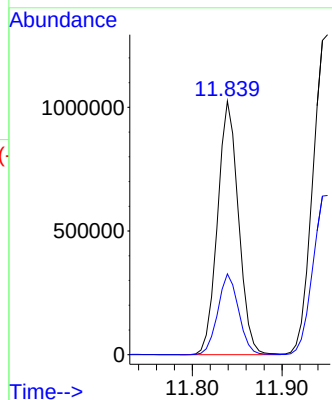
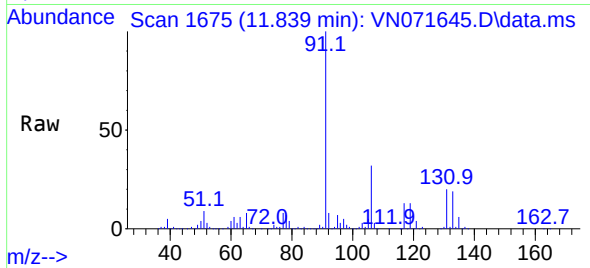
#67
Ethyl Benzene
Concen: 49.044 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1661164
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

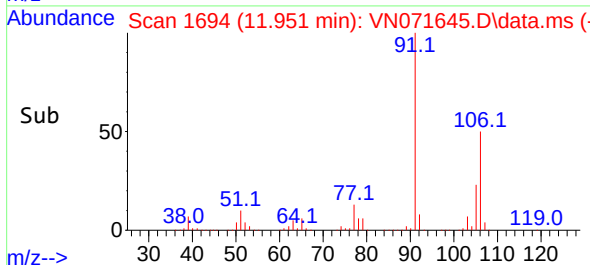
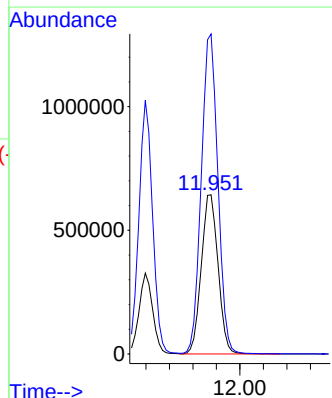
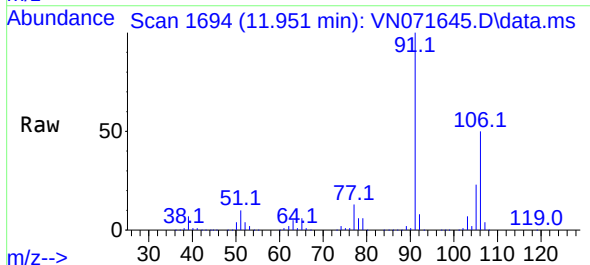
Manual Integrations
APPROVED

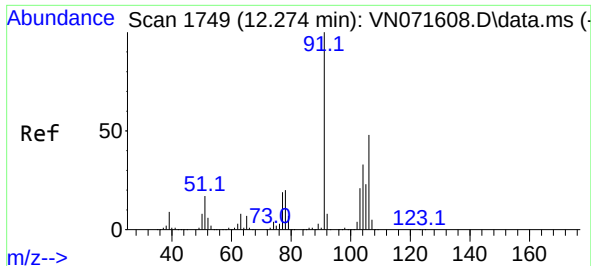
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#68
m/p-Xylenes
Concen: 99.239 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

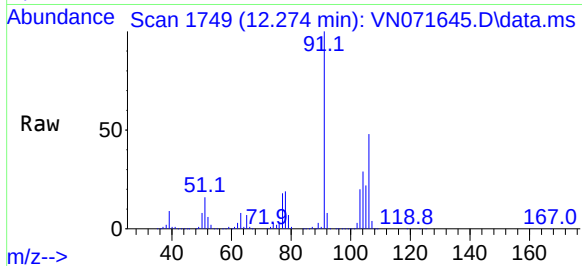
Tgt Ion:106 Resp: 1276913
Ion Ratio Lower Upper
106 100
91 198.8 158.9 238.3





#69
o-Xylene
Concen: 50.013 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

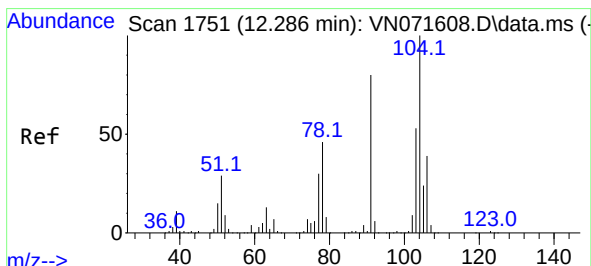
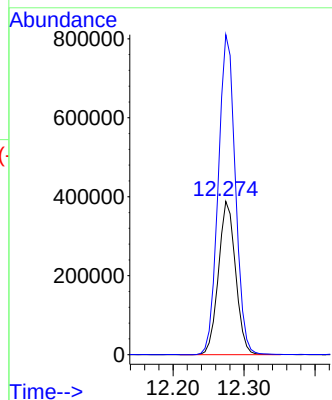
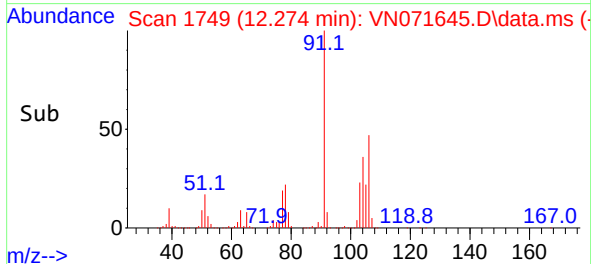
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



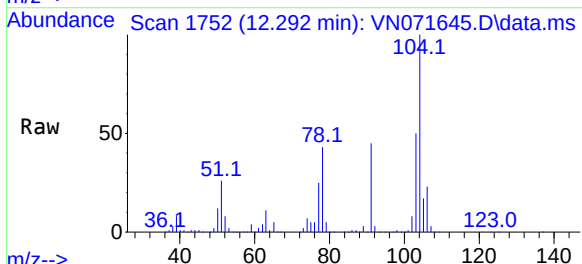
Tgt Ion:106 Resp: 64658
Ion Ratio Lower Upper
106 100
91 209.1 106.0 318.0

Manual Integrations
APPROVED

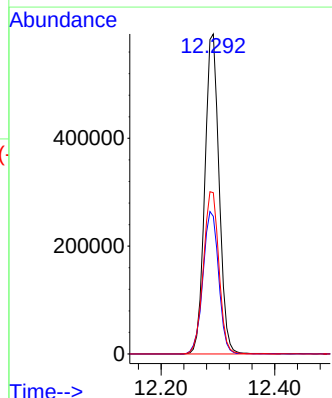
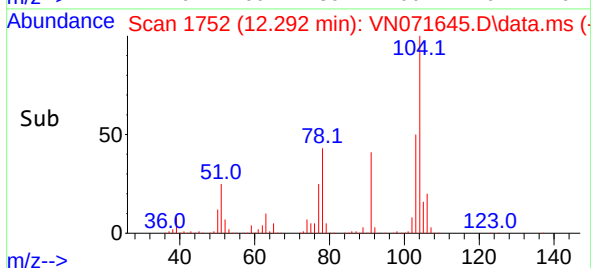
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

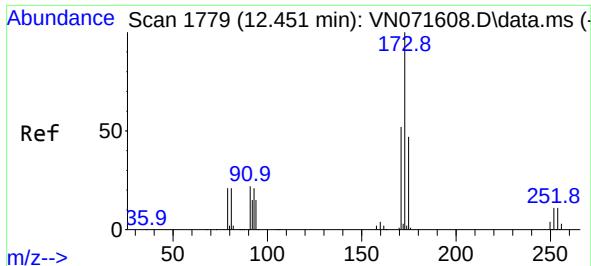


#70
Styrene
Concen: 52.339 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



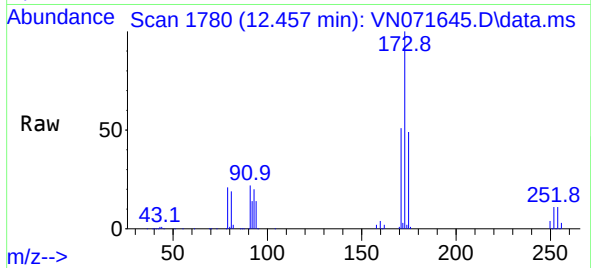
Tgt Ion:104 Resp: 1033036
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 55.1 44.0 66.0





#71
Bromoform
Concen: 51.193 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

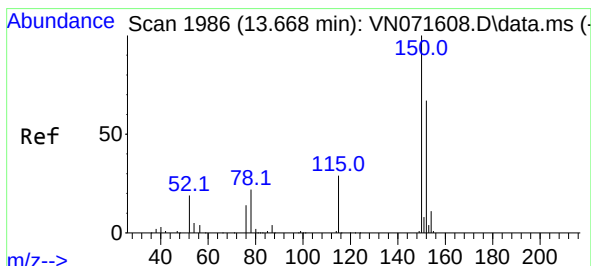
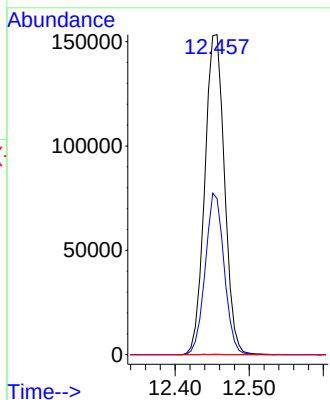
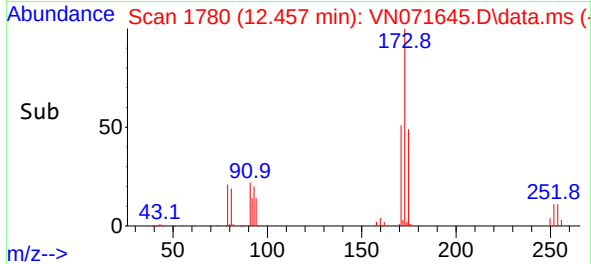
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



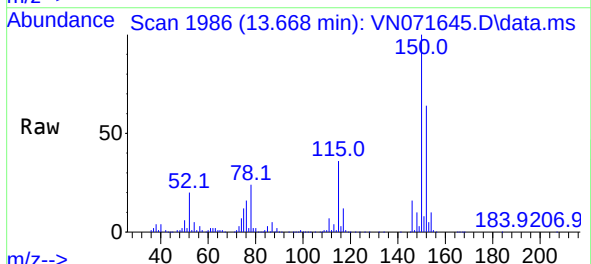
Tgt Ion:173 Resp: 28366
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

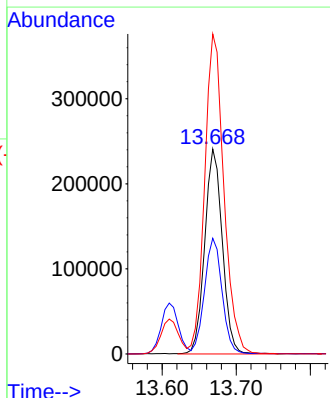
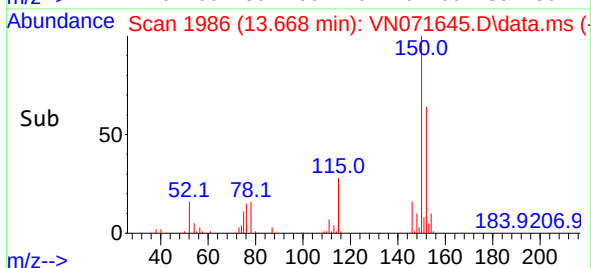
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

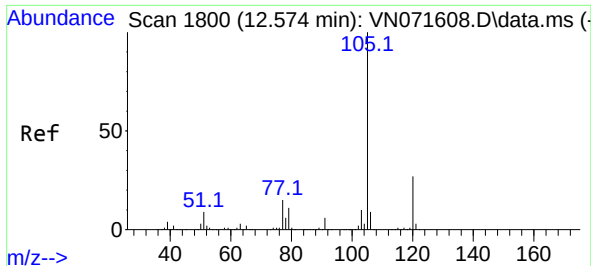


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



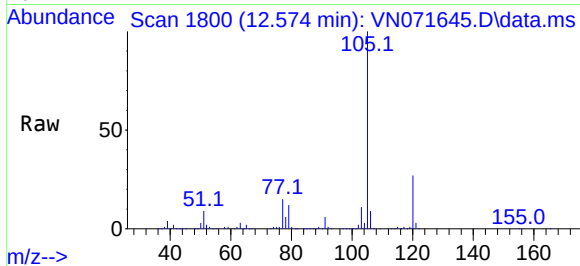
Tgt Ion:152 Resp: 398691
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 170.2 0.0 356.2





#73
Isopropylbenzene
Concen: 47.326 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

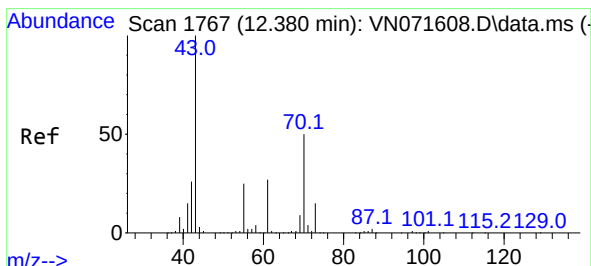
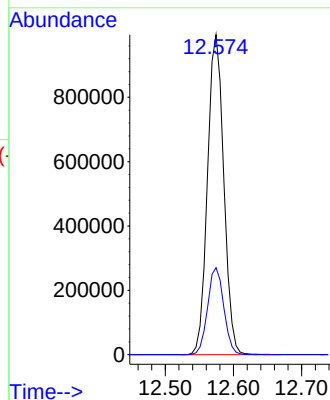
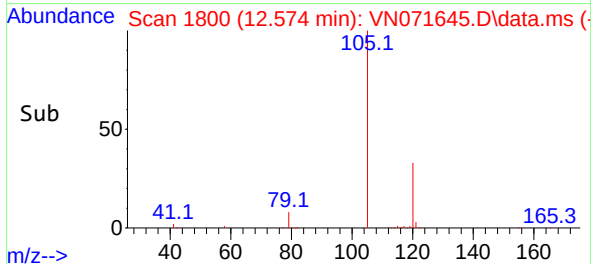
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



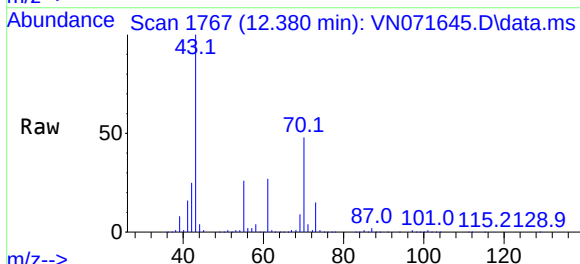
Tgt Ion:105 Resp: 165039
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

Manual Integrations
APPROVED

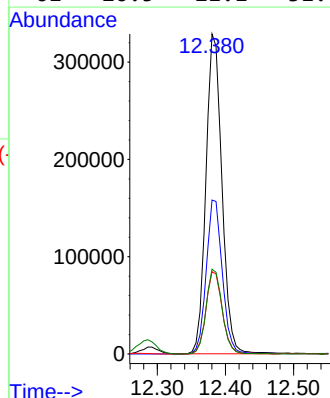
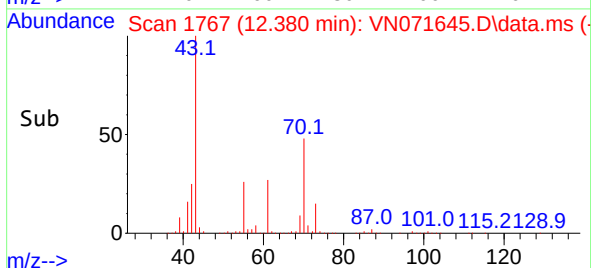
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

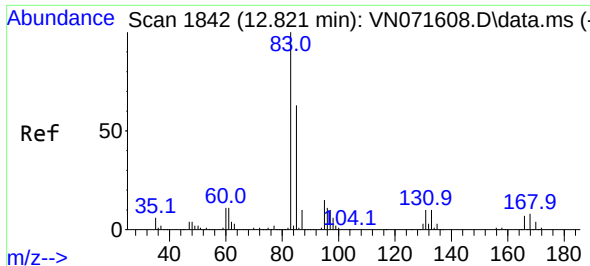


#74
N-ethyl acetate
Concen: 50.771 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



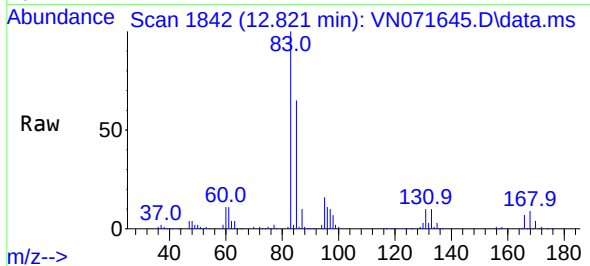
Tgt Ion: 43 Resp: 537540
Ion Ratio Lower Upper
43 100
70 48.3 39.0 58.4
55 26.4 21.1 31.7
61 26.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 45.801 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

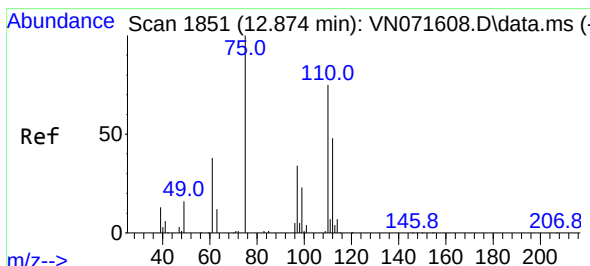
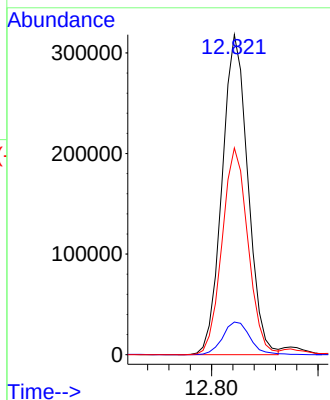
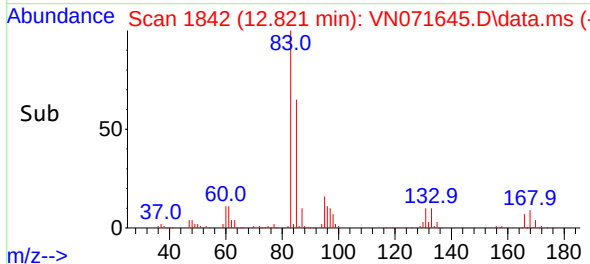
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



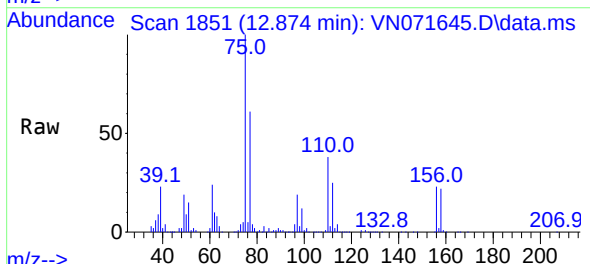
Tgt Ion: 83 Resp: 534638
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.9
85 64.8 32.3 96.9

Manual Integrations
APPROVED

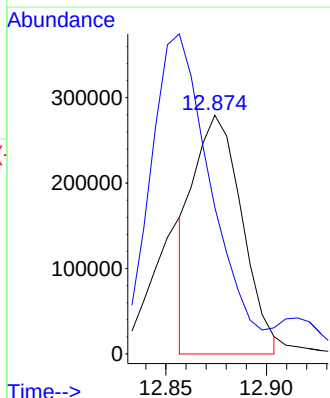
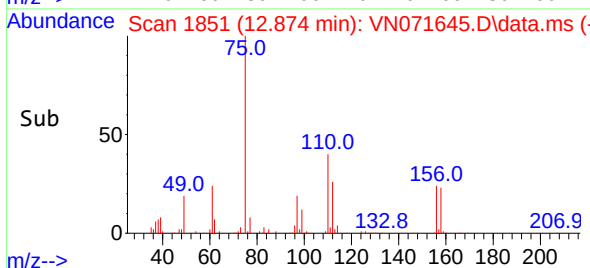
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

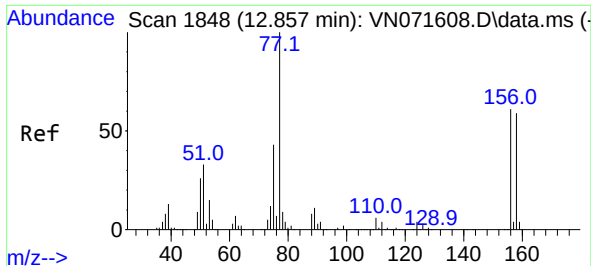


#76
1,2,3-Trichloropropane
Concen: 49.181 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



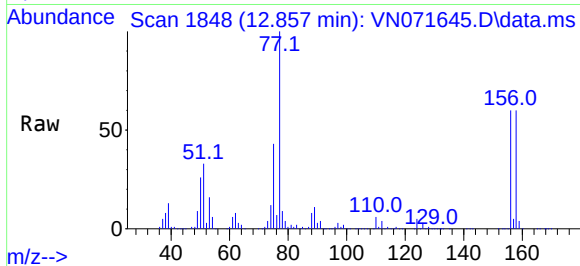
Tgt Ion: 75 Resp: 470817
Ion Ratio Lower Upper
75 100
77 167.3 98.5 295.5





#77
Bromobenzene
Concen: 45.347 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

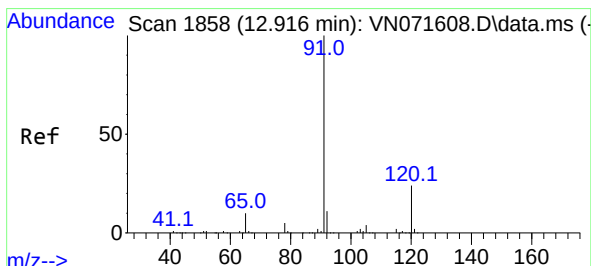
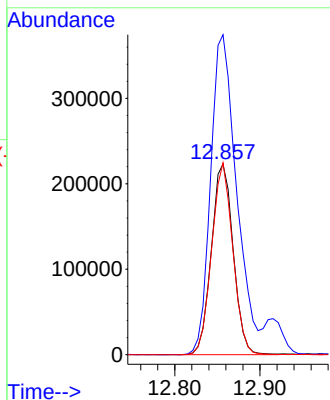
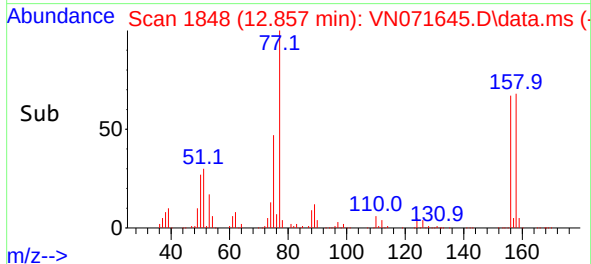
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



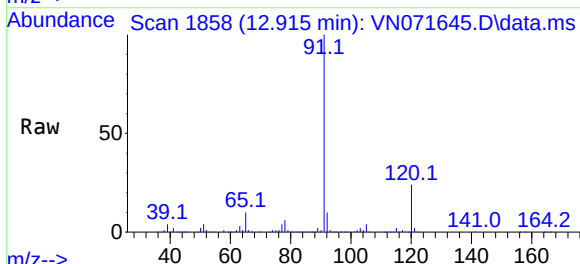
Tgt Ion:156 Resp: 39766
Ion Ratio Lower Upper
156 100
77 198.0 100.5 301.5
158 97.2 48.9 146.6

Manual Integrations
APPROVED

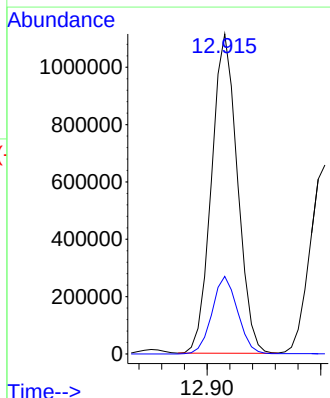
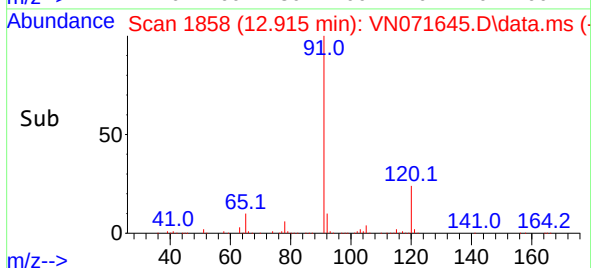
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

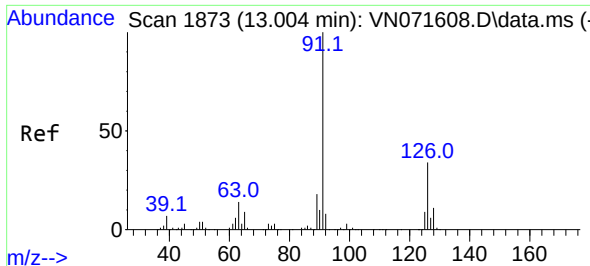


#78
n-propylbenzene
Concen: 46.967 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 91 Resp: 1765923
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





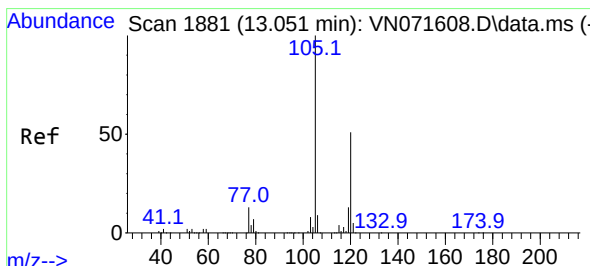
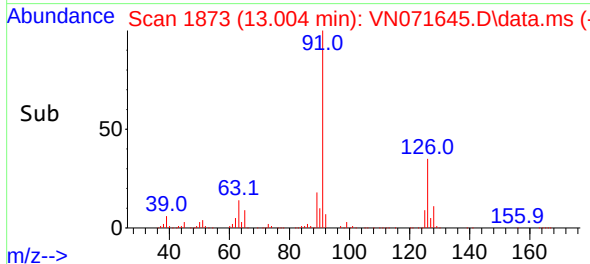
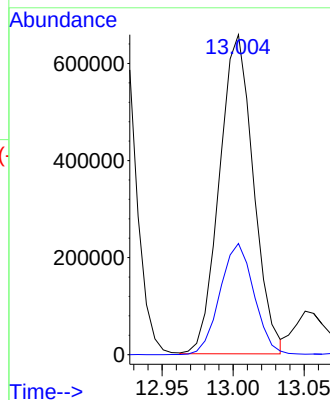
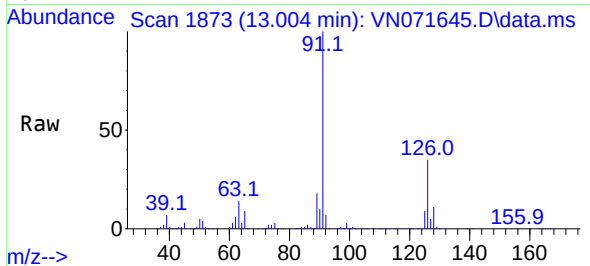
#79
2-Chlorotoluene
Concen: 46.537 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 109575
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.9

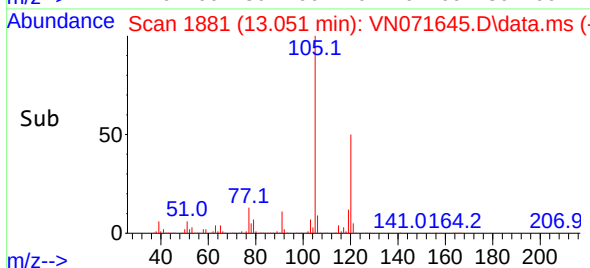
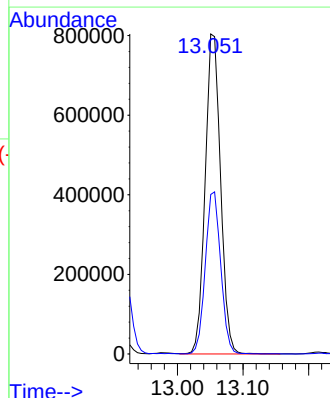
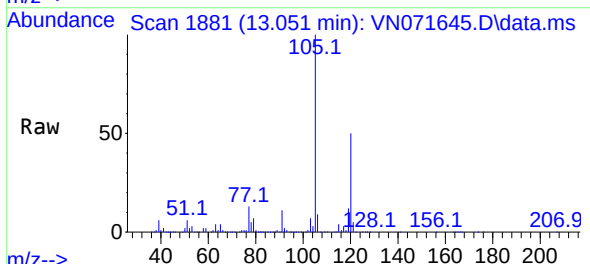
Manual Integrations
APPROVED

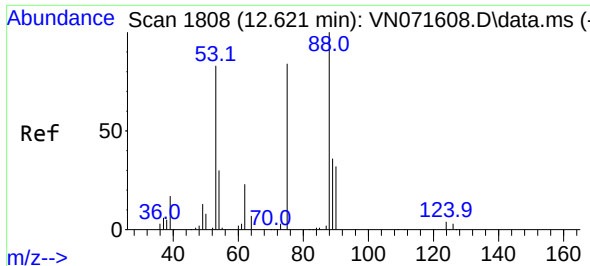
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.679 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

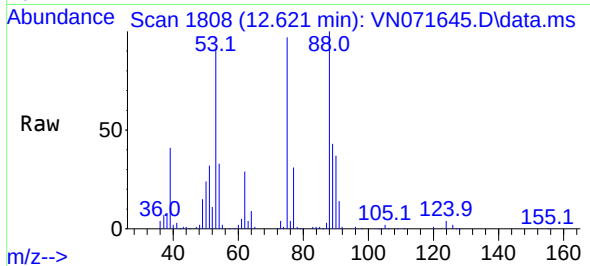
Tgt Ion:105 Resp: 1312631
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 48.898 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

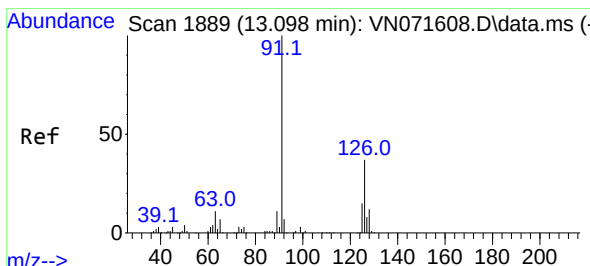
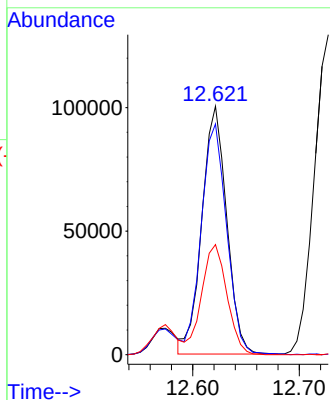
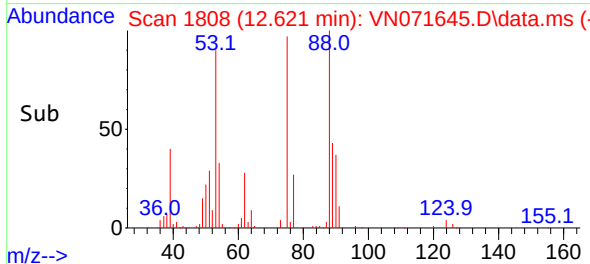
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



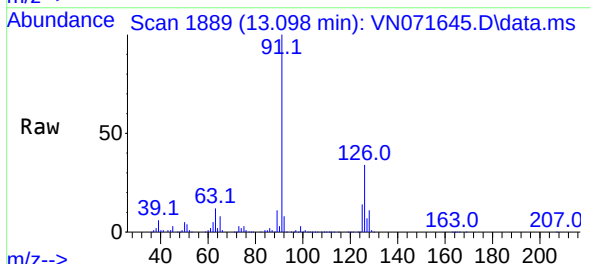
Tgt Ion: 75 Resp: 162174
Ion Ratio Lower Upper
75 100
53 95.4 78.0 117.0
89 45.5 37.2 55.8

Manual Integrations
APPROVED

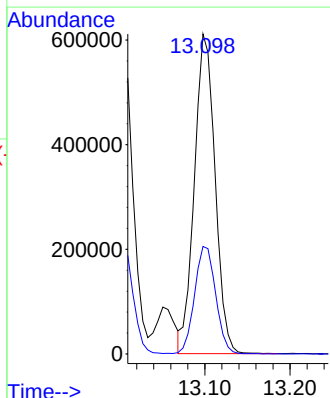
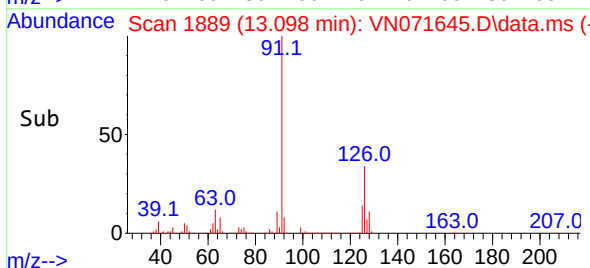
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

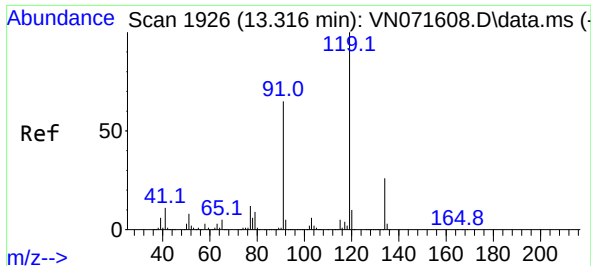


#82
4-Chlorotoluene
Concen: 46.887 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion: 91 Resp: 1029713
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.774 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

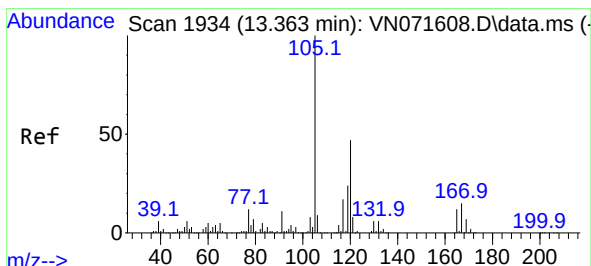
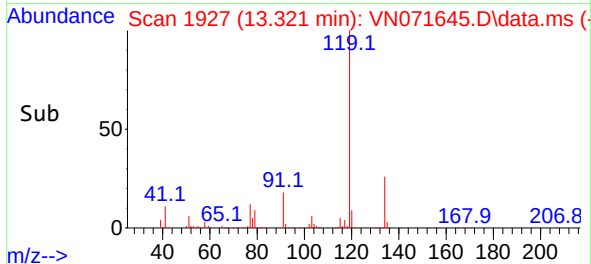
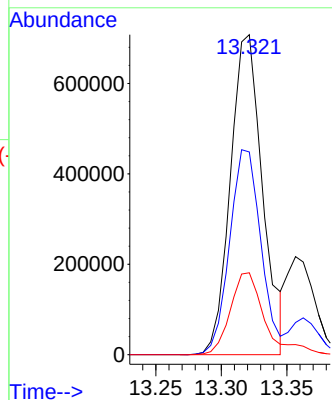
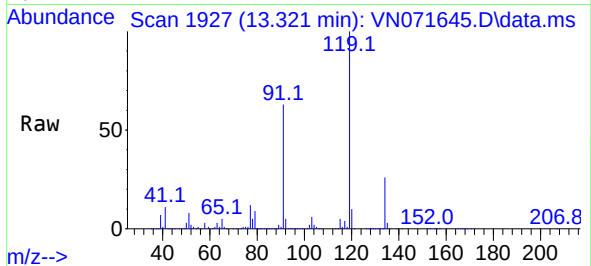
VSTDCCC050EC

Tgt Ion:119 Resp: 1207100
Ion Ratio Lower Upper
119 100
91 62.4 31.6 94.8
134 27.5 13.7 41.1

Manual Integrations

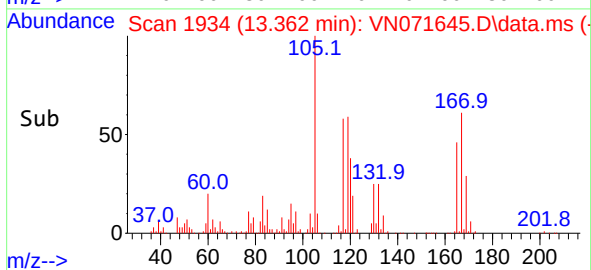
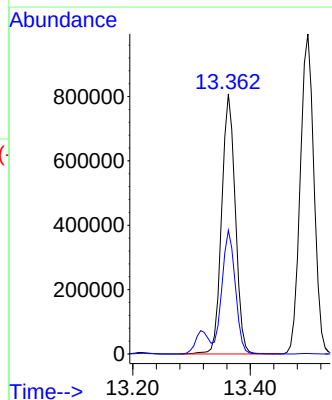
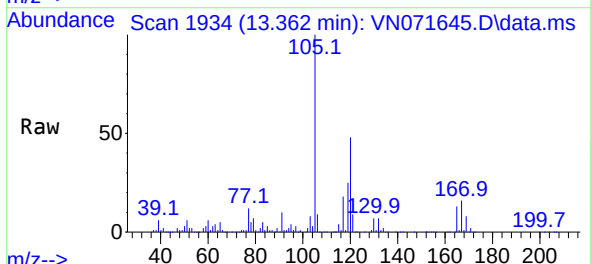
APPROVED

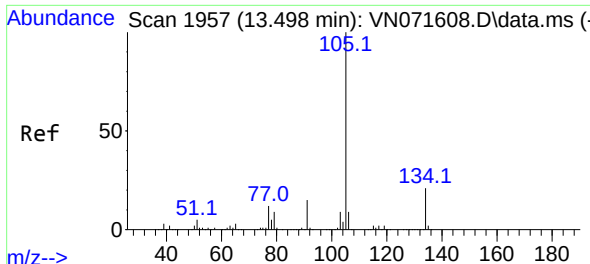
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#84
1,2,4-Trimethylbenzene
Concen: 48.122 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

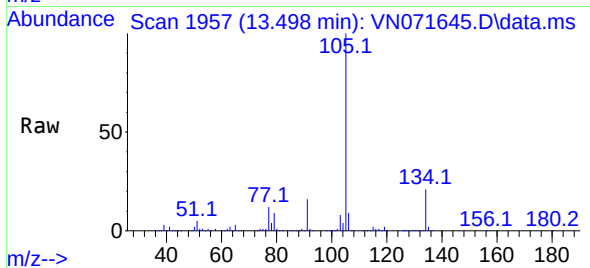
Tgt Ion:105 Resp: 1297500
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 48.103 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071645.D
 Acq: 29 Mar 2022 20:30

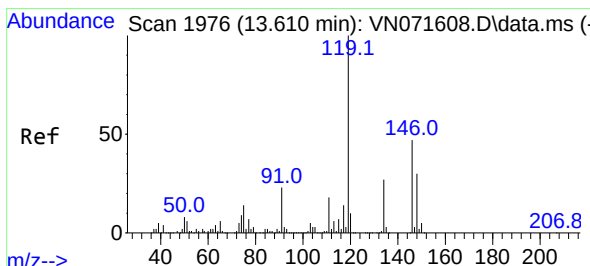
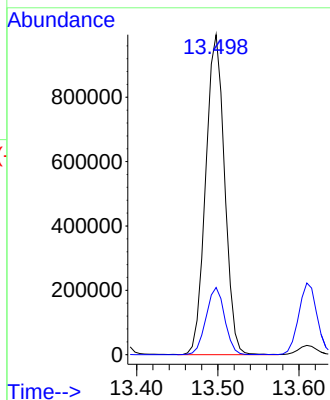
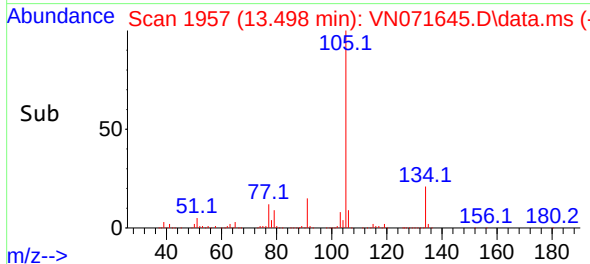
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



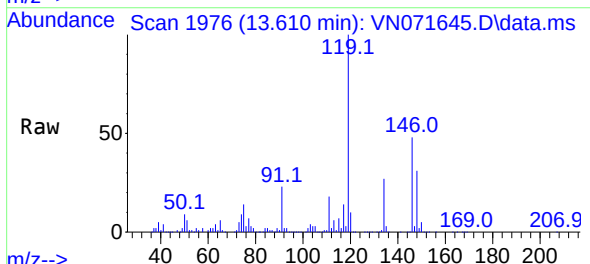
Tgt Ion:105 Resp: 1605714
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1

Manual Integrations
 APPROVED

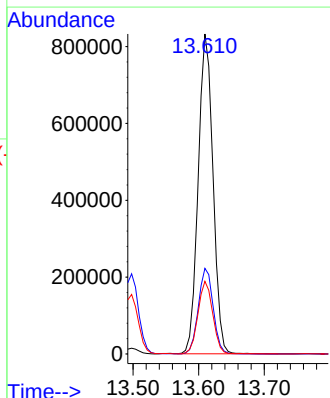
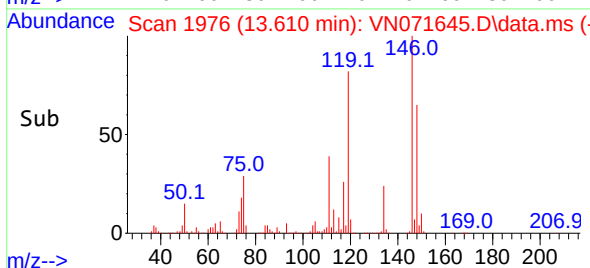
Reviewed By :John Carlone 03/30/2022
 Supervised By :Mahesh Dadoda 03/30/2022

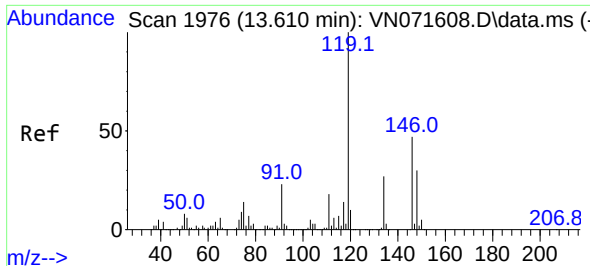


#86
 p-Isopropyltoluene
 Concen: 49.425 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071645.D
 Acq: 29 Mar 2022 20:30



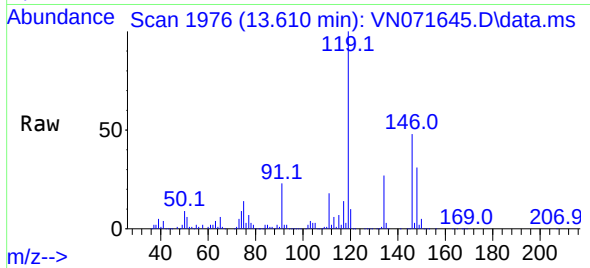
Tgt Ion:119 Resp: 1310893
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 46.503 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

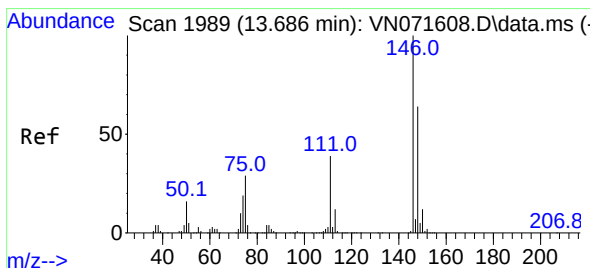
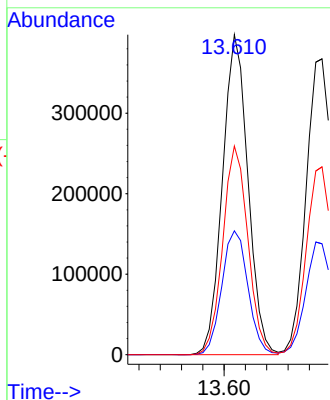
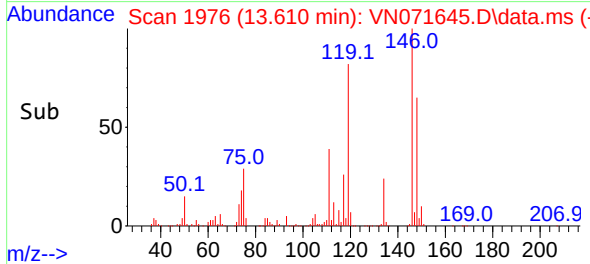
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



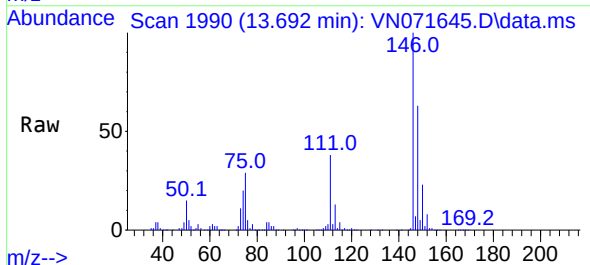
Tgt Ion:146 Resp: 65841
Ion Ratio Lower Upper
146 100
111 39.9 20.0 60.0
148 64.4 32.0 96.0

Manual Integrations
APPROVED

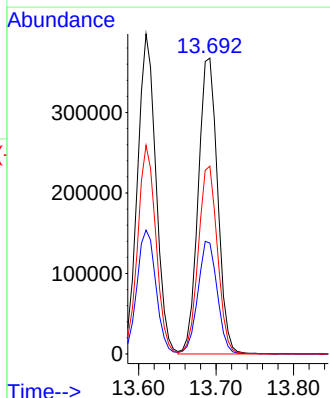
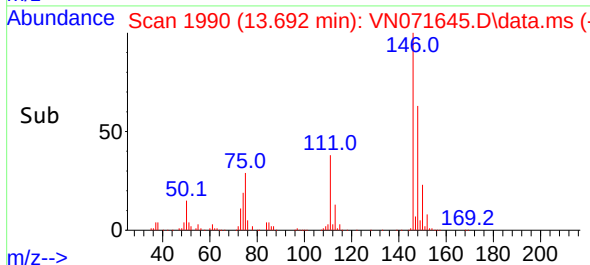
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

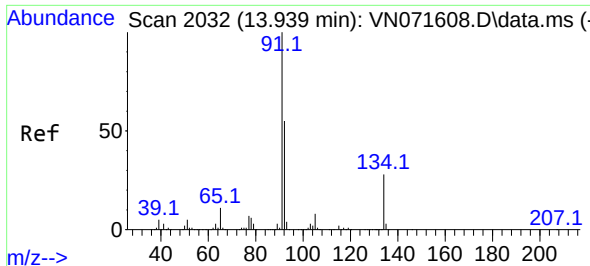


#88
1,4-Dichlorobenzene
Concen: 45.463 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion:146 Resp: 638960
Ion Ratio Lower Upper
146 100
111 38.2 19.1 57.1
148 62.8 31.4 94.3





#89
n-Butylbenzene
Concen: 49.416 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

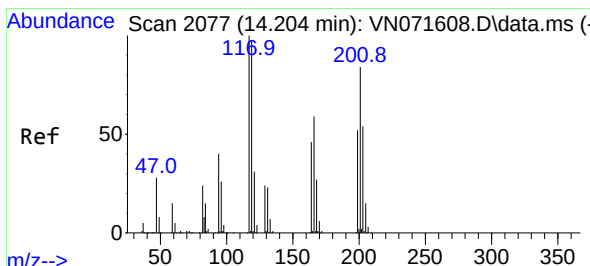
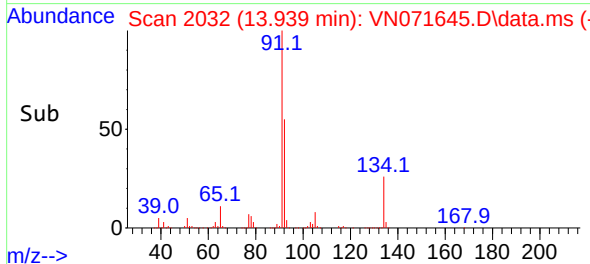
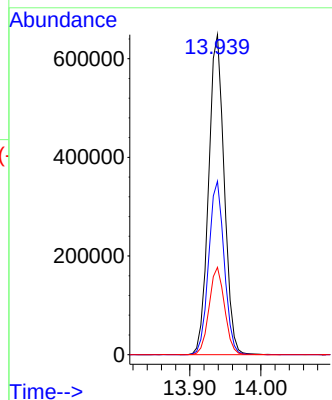
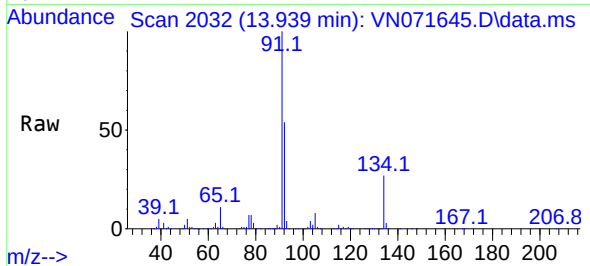
VSTDCCC050EC

Tgt Ion: 91 Resp: 99037
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 27.2 13.6 40.8

Manual Integrations

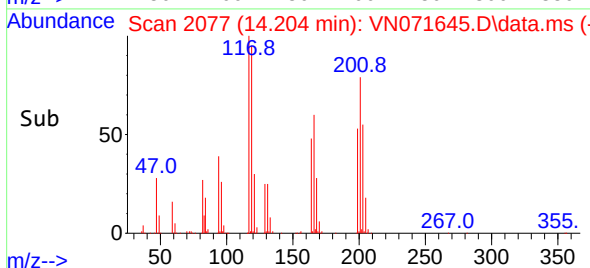
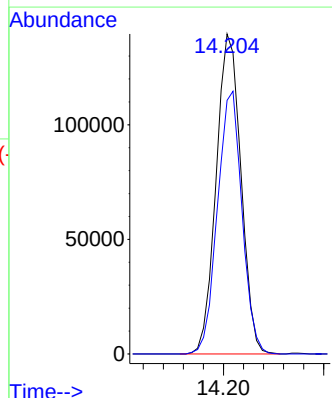
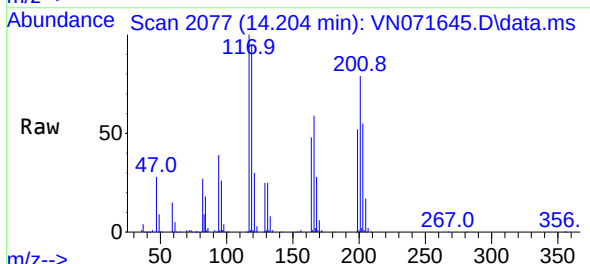
APPROVED

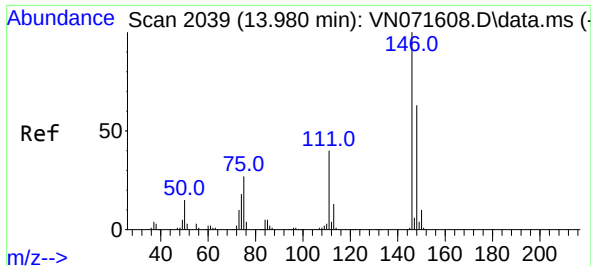
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#90
Hexachloroethane
Concen: 48.084 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Tgt Ion:117 Resp: 239481
Ion Ratio Lower Upper
117 100
201 81.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 46.110 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

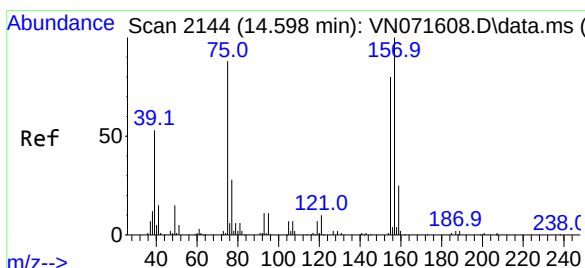
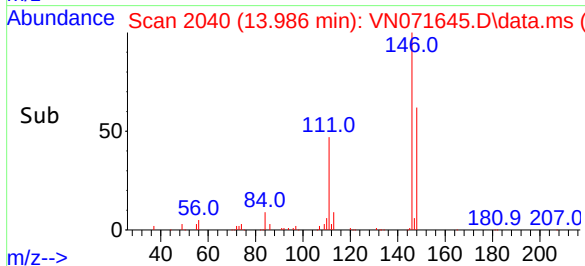
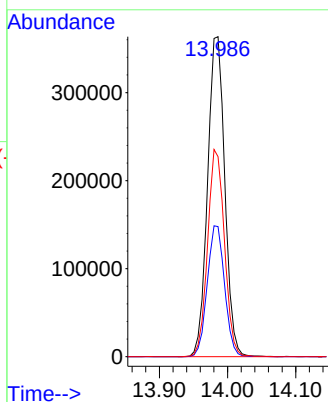
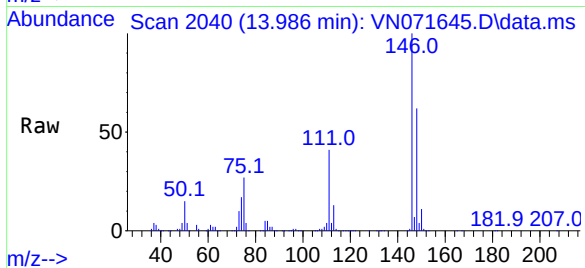
Tgt Ion:146 Resp: 639550
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 63.5 32.1 96.3

Manual Integrations

APPROVED

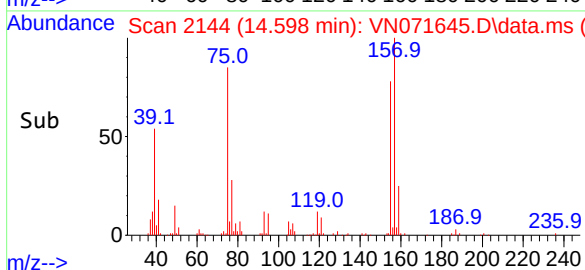
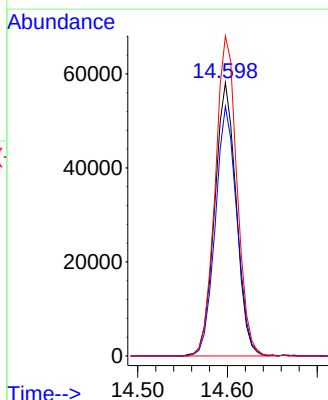
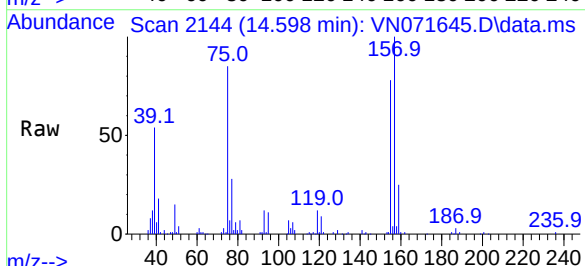
Reviewed By :John Carlone 03/30/2022

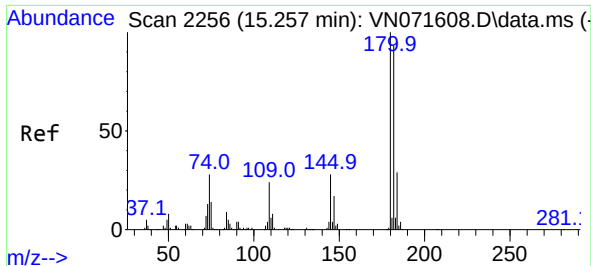
Supervised By :Mahesh Dadoda 03/30/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.977 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

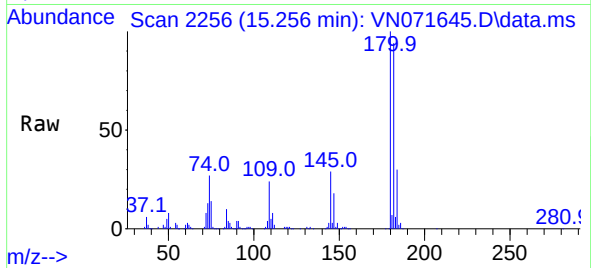
Tgt Ion: 75 Resp: 96815
Ion Ratio Lower Upper
75 100
155 92.0 44.9 134.5
157 118.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 52.643 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

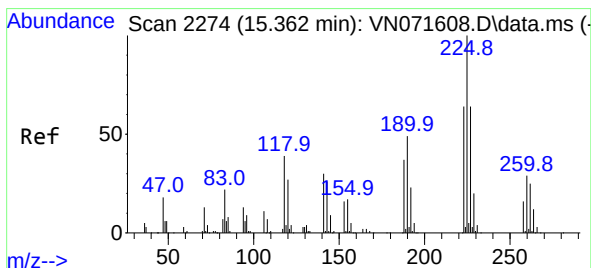
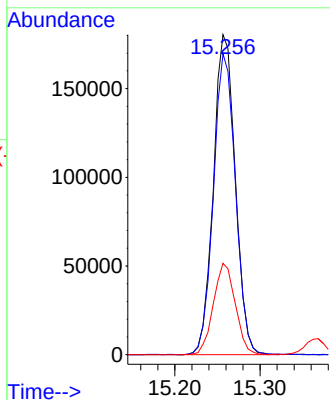
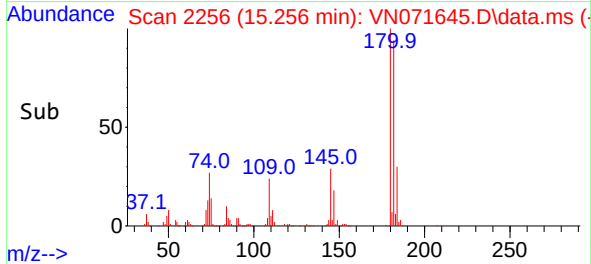
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



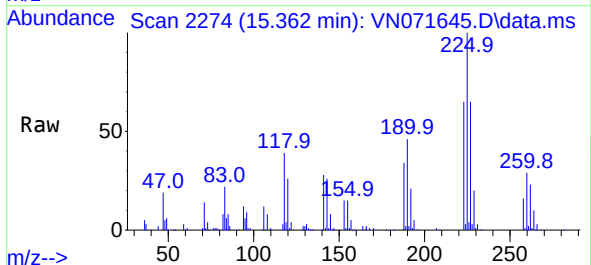
Tgt Ion:180 Resp: 32248
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 28.6 14.5 43.5

Manual Integrations
APPROVED

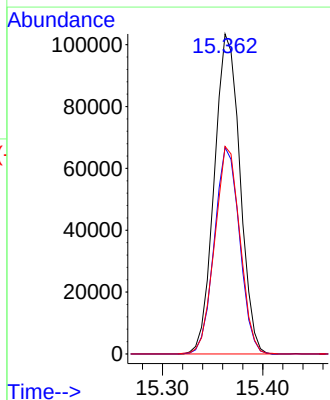
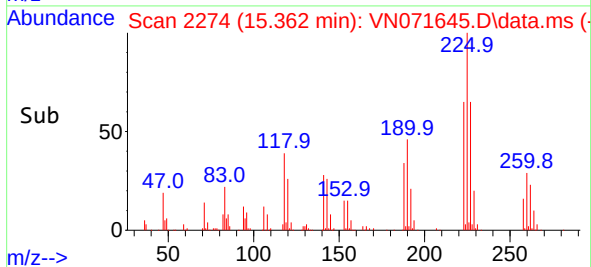
Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022

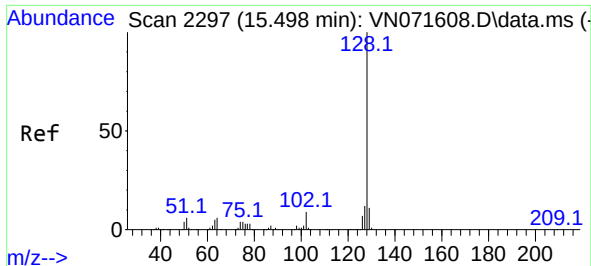


#94
Hexachlorobutadiene
Concen: 47.541 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



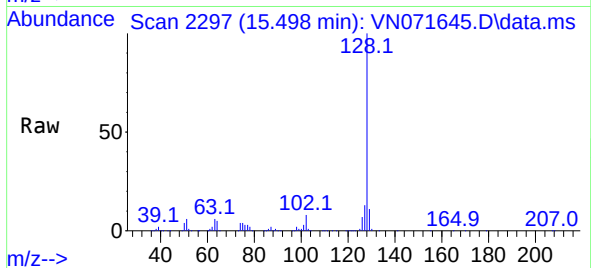
Tgt Ion:225 Resp: 183520
Ion Ratio Lower Upper
225 100
223 63.3 32.4 97.2
227 63.9 31.8 95.4





#95
Naphthalene
Concen: 51.100 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30

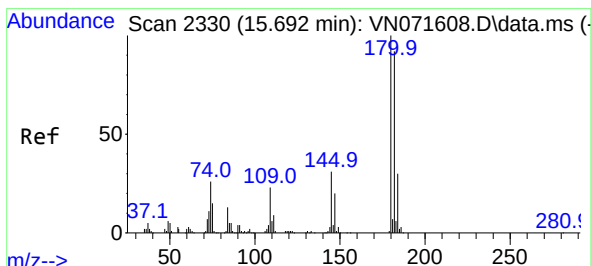
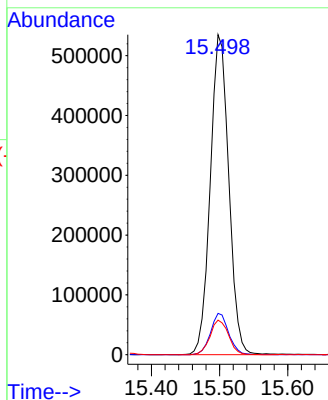
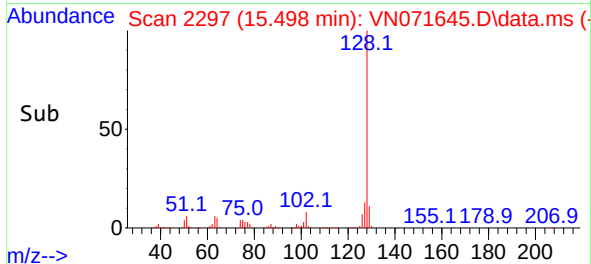
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



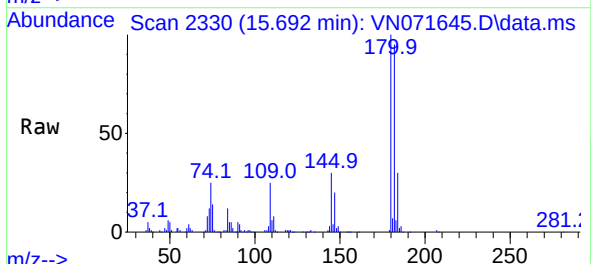
Tgt Ion:128 Resp: 1011278
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/30/2022
Supervised By :Mahesh Dadoda 03/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.816 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071645.D
Acq: 29 Mar 2022 20:30



Tgt Ion:180 Resp: 317839
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 30.1 15.5 46.5

