

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072404.D
 Acq On : 10 May 2022 20:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 11 03:04:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	243575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	399887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	370995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	163315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	177911	47.688	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.380%		
35) Dibromofluoromethane	8.016	113	129353	48.621	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.240%		
50) Toluene-d8	10.439	98	506812	50.019	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.040%		
62) 4-Bromofluorobenzene	12.727	95	177428	52.728	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	139410	45.892	ug/l	97
3) Chloromethane	2.298	50	139210	48.935	ug/l	97
4) Vinyl Chloride	2.440	62	113120	43.733	ug/l	97
5) Bromomethane	2.828	94	69961	45.429	ug/l	99
6) Chloroethane	2.998	64	64213	47.309	ug/l	98
7) Trichlorofluoromethane	3.363	101	232264	48.448	ug/l	99
8) Diethyl Ether	3.828	74	83253	48.137	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	118792	45.411	ug/l	96
10) Methyl Iodide	4.422	142	164385	47.405	ug/l #	88
11) Tert butyl alcohol	5.369	59	143121	234.614	ug/l	98
12) 1,1-Dichloroethene	4.181	96	116450	47.510	ug/l	94
13) Acrolein	4.040	56	133576	223.803	ug/l	97
14) Allyl chloride	4.839	41	218707	47.924	ug/l	96
15) Acrylonitrile	5.545	53	403341	243.319	ug/l	100
16) Acetone	4.287	43	338778	229.291	ug/l	93
17) Carbon Disulfide	4.528	76	299506	47.116	ug/l	99
18) Methyl Acetate	4.851	43	206801	47.539	ug/l	92
19) Methyl tert-butyl Ether	5.610	73	443822	50.105	ug/l	97
20) Methylene Chloride	5.092	84	135792	44.824	ug/l #	83
21) trans-1,2-Dichloroethene	5.598	96	122041	47.591	ug/l	95
22) Diisopropyl ether	6.492	45	437706	47.200	ug/l	96
23) Vinyl Acetate	6.428	43	1921796	247.675	ug/l	95
24) 1,1-Dichloroethane	6.386	63	245770	46.965	ug/l	99
25) 2-Butanone	7.328	43	541256	232.113	ug/l	97
26) 2,2-Dichloropropane	7.322	77	198461	45.130	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	144482	46.865	ug/l	94
28) Bromochloromethane	7.657	49	108681	48.913	ug/l	89
29) Tetrahydrofuran	7.680	42	366012	241.512	ug/l	91
30) Chloroform	7.816	83	255716	48.033	ug/l	96
31) Cyclohexane	8.092	56	224511	45.415	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	234695	48.064	ug/l	99
36) 1,1-Dichloropropene	8.216	75	186029	48.684	ug/l	97
37) Ethyl Acetate	7.404	43	220937	48.191	ug/l	97
38) Carbon Tetrachloride	8.204	117	204787	47.886	ug/l	98
39) Methylcyclohexane	9.457	83	219352	51.078	ug/l	97
40) Benzene	8.457	78	548739	48.072	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	118133	52.039	ug/l #	88
42) 1,2-Dichloroethane	8.527	62	215922	47.062	ug/l	97
43) Isopropyl Acetate	8.557	43	339427	48.201	ug/l	97
44) Trichloroethene	9.216	130	139536	48.153	ug/l	93
45) 1,2-Dichloropropane	9.486	63	142378	48.840	ug/l	97
46) Dibromomethane	9.574	93	96356	47.471	ug/l	96
47) Bromodichloromethane	9.757	83	203076	49.075	ug/l	99
48) Methyl methacrylate	9.557	41	170712	51.960	ug/l	92
49) 1,4-Dioxane	9.563	88	58322	1040.632	ug/l #	94
51) 4-Methyl-2-Pentanone	10.327	43	1110267	253.911	ug/l	94
52) Toluene	10.504	92	352047	50.016	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	216125	51.310	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	228124	50.762	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	143099	48.802	ug/l	98
56) Ethyl methacrylate	10.757	69	225663	53.698	ug/l	90
57) 1,3-Dichloropropane	11.039	76	249461	49.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	279886	246.621	ug/l	96
59) 2-Hexanone	11.080	43	794678	259.188	ug/l	94
60) Dibromochloromethane	11.233	129	155907	50.053	ug/l	99
61) 1,2-Dibromoethane	11.339	107	145488	49.787	ug/l	99
64) Tetrachloroethene	10.974	164	122645	45.927	ug/l	96
65) Chlorobenzene	11.768	112	363763	47.991	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	142758	47.055	ug/l	98
67) Ethyl Benzene	11.839	91	680098	52.004	ug/l	99
68) m/p-Xylenes	11.951	106	510154	102.853	ug/l	94
69) o-Xylene	12.274	106	251304	51.567	ug/l	95
70) Styrene	12.286	104	412128	55.278	ug/l	97
71) Bromoform	12.451	173	116194	51.920	ug/l #	98
73) Isopropylbenzene	12.574	105	665582	49.195	ug/l	99
74) N-amyl acetate	12.380	43	237800	49.726	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	210861	42.930	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	189834m	44.566	ug/l	
77) Bromobenzene	12.857	156	153495	47.421	ug/l	95
78) n-propylbenzene	12.915	91	744954	51.456	ug/l	98
79) 2-Chlorotoluene	13.004	91	463622	48.747	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	556601	50.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	63238	49.527	ug/l	96
82) 4-Chlorotoluene	13.098	91	438206	48.617	ug/l	97
83) tert-Butylbenzene	13.315	119	495303	51.060	ug/l	97
84) 1,2,4-Trimethylbenzene	13.362	105	547771	50.818	ug/l	97
85) sec-Butylbenzene	13.498	105	671387	51.897	ug/l	98
86) p-Isopropyltoluene	13.610	119	546416	54.223	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	267689	47.953	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	261024	47.002	ug/l	96
89) n-Butylbenzene	13.939	91	413408	53.668	ug/l	99
90) Hexachloroethane	14.204	117	95944	47.644	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	266638	47.824	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.598	75	43626	51.078	ug/l	90
93) 1,2,4-Trichlorobenzene	15.256	180	118324	56.025	ug/l	96
94) Hexachlorobutadiene	15.362	225	67942	48.587	ug/l	97
95) Naphthalene	15.504	128	385648	49.445	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	122021	57.652	ug/l	99

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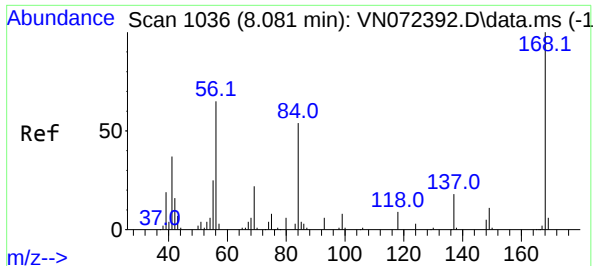
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

Quant Time: May 11 03:04:55 2022
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Quant Title : SW846 8260
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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



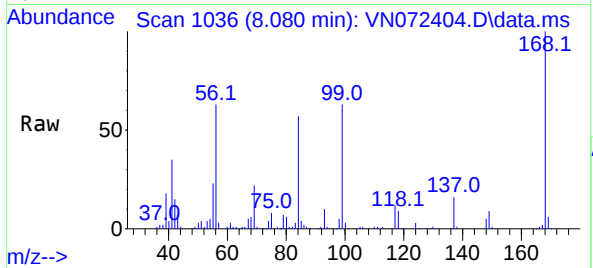
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

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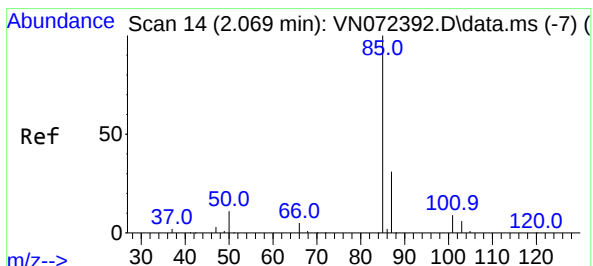
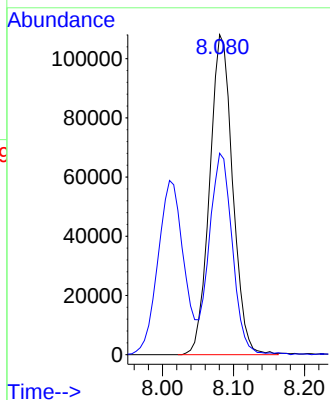
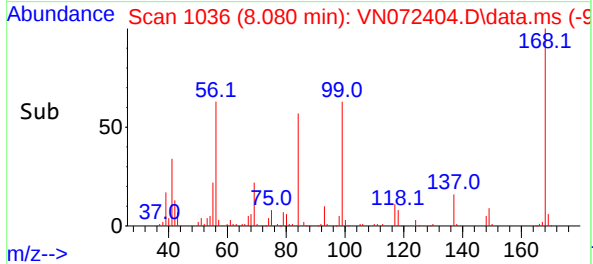


Tgt Ion:168 Resp: 243579
Ion Ratio Lower Upper
168 100
99 62.4 42.3 63.5

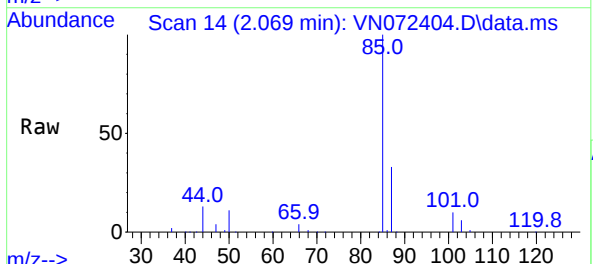
Manual Integrations

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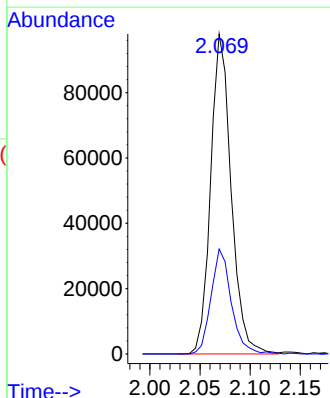
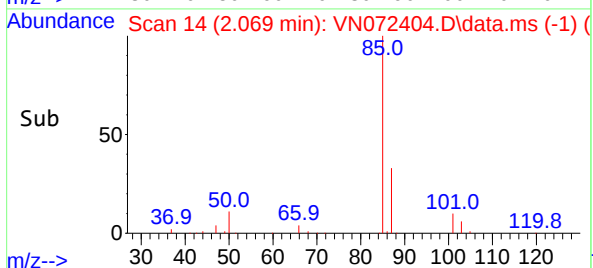
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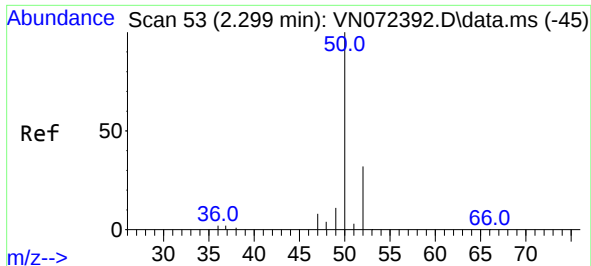


#2
Dichlorodifluoromethane
Concen: 45.892 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



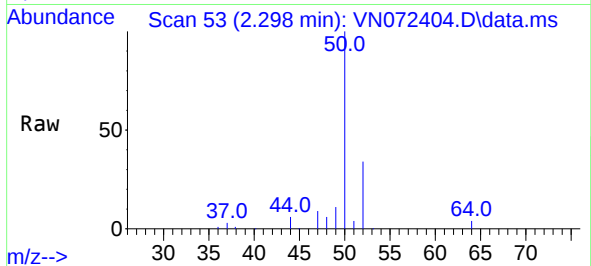
Tgt Ion: 85 Resp: 139410
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





#3
Chloromethane
Concen: 48.935 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

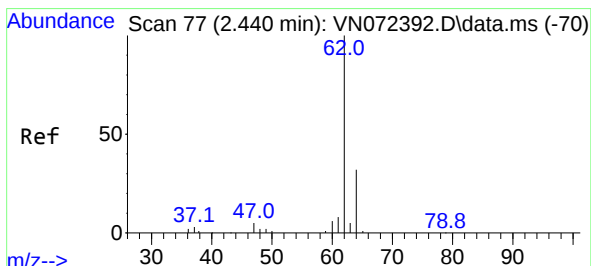
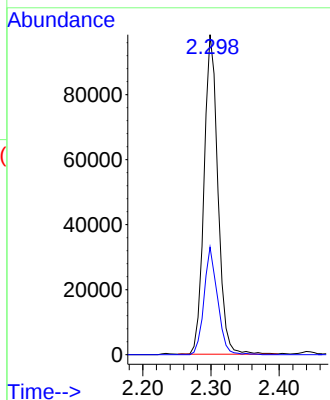
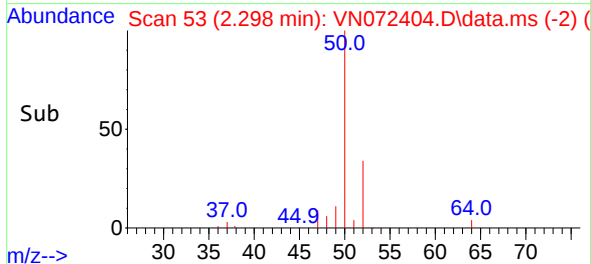
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



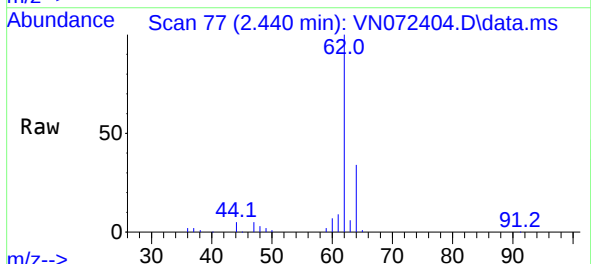
Tgt Ion: 50 Resp: 139210
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5

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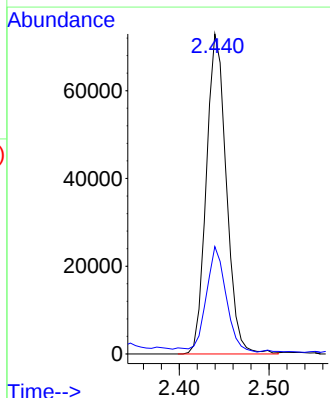
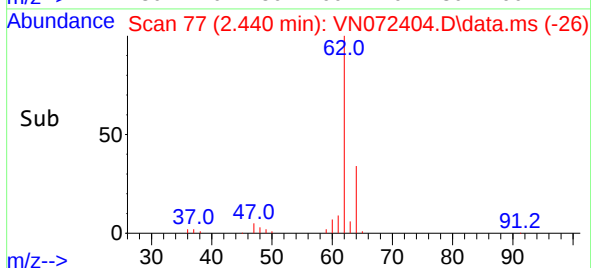
Reviewed By :John Carlone 05/11/2022
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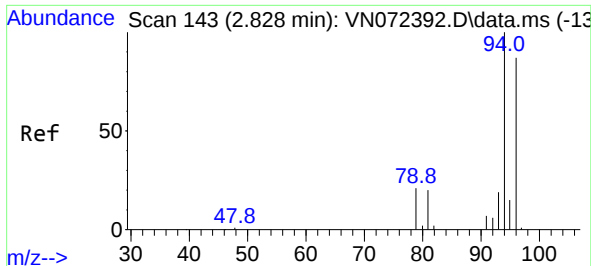


#4
Vinyl Chloride
Concen: 43.733 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



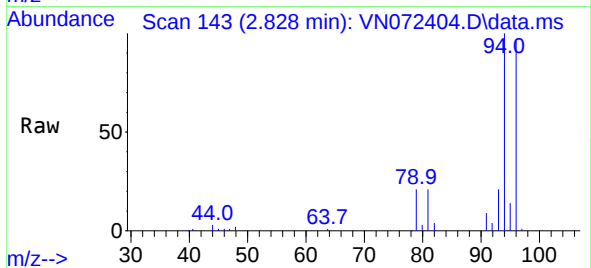
Tgt Ion: 62 Resp: 113120
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.4





#5
Bromomethane
Concen: 45.429 ug/l
RT: 2.828 min Scan# 143
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

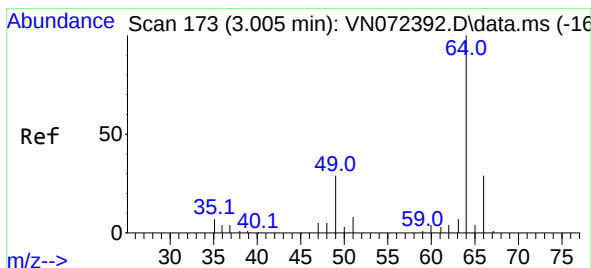
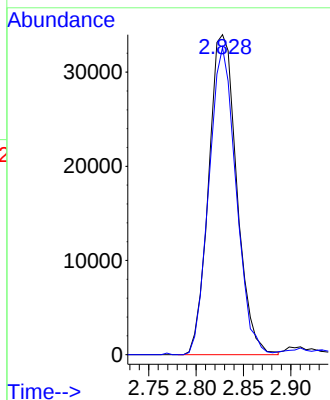
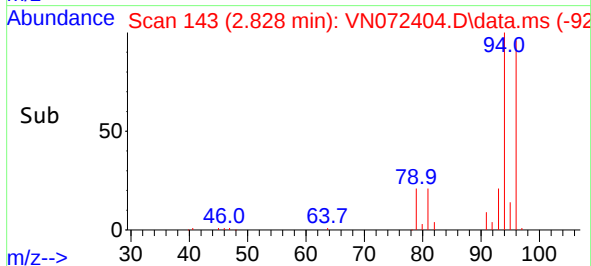
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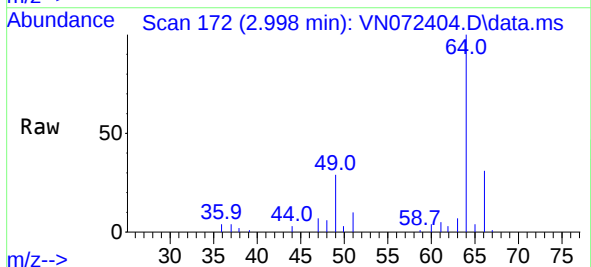
Tgt Ion: 94 Resp: 6996
Ion Ratio Lower Upper
94 100
96 96.0 76.0 114.0

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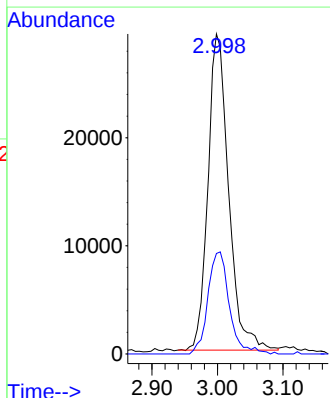
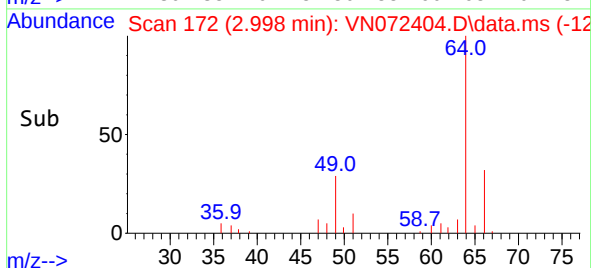
Reviewed By :John Carlone 05/11/2022
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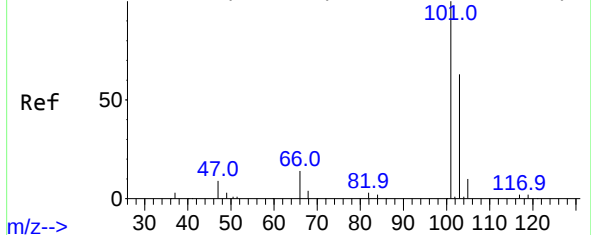
#6
Chloroethane
Concen: 47.309 ug/l
RT: 2.998 min Scan# 172
Delta R.T. -0.007 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion: 64 Resp: 64213
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4



Abundance Scan 235 (3.369 min): VN072392.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 48.448 ug/l

RT: 3.363 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072404.D

Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:101 Resp: 232264

Ion Ratio Lower Upper

101 100

103 63.9 51.5 77.3

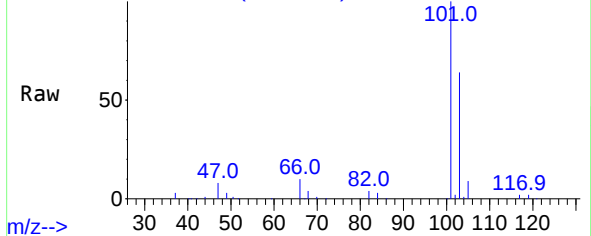
Manual Integrations

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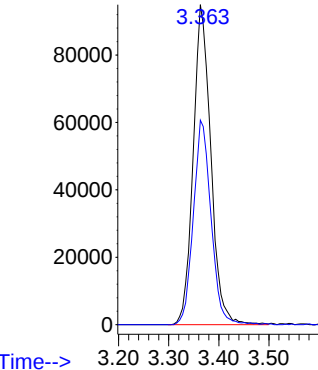
Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022

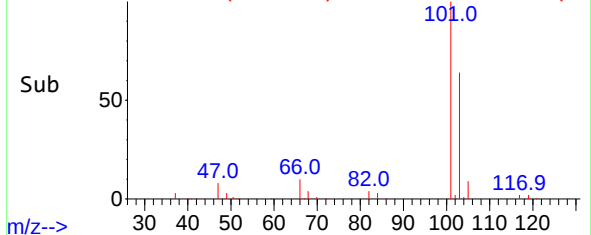
Abundance Scan 234 (3.363 min): VN072404.D\data.ms



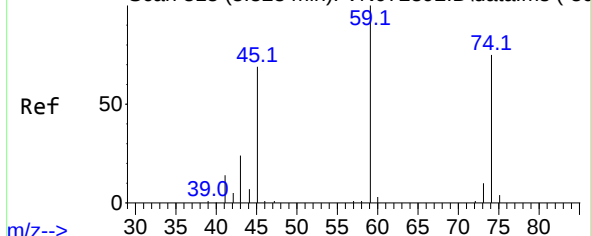
Abundance



Abundance Scan 234 (3.363 min): VN072404.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN072392.D\data.ms (-30



#8

Diethyl Ether

Concen: 48.137 ug/l

RT: 3.828 min Scan# 313

Delta R.T. -0.000 min

Lab File: VN072404.D

Acq: 10 May 2022 20:15

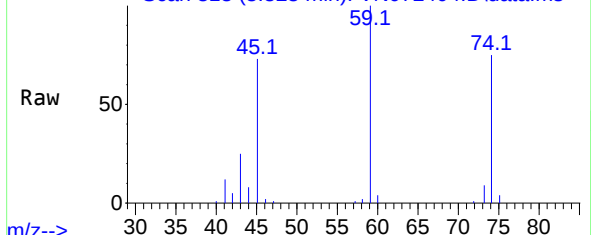
Tgt Ion: 74 Resp: 83253

Ion Ratio Lower Upper

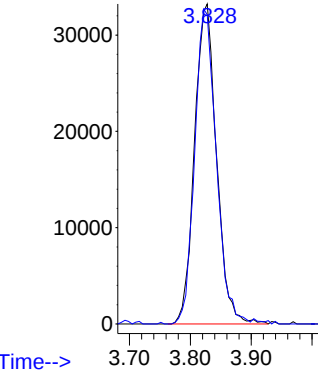
74 100

45 96.6 42.9 128.5

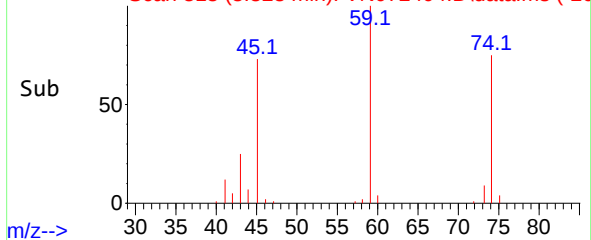
Abundance Scan 313 (3.828 min): VN072404.D\data.ms

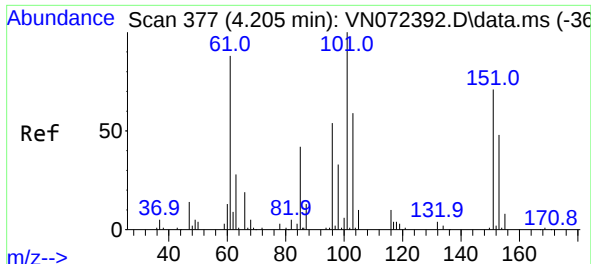


Abundance



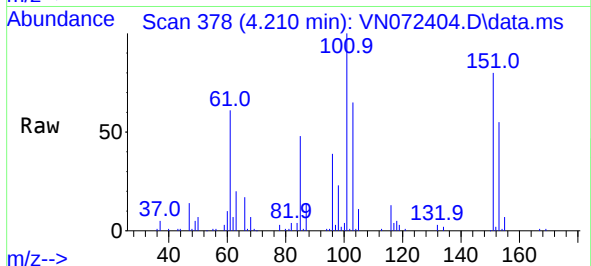
Abundance Scan 313 (3.828 min): VN072404.D\data.ms (-26





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.411 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

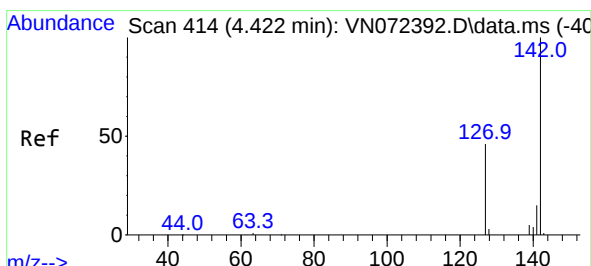
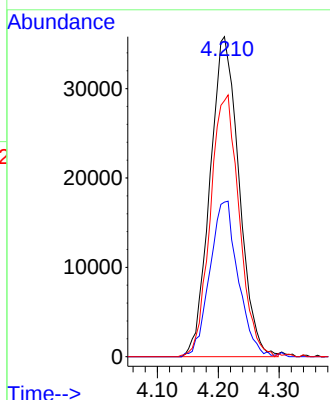
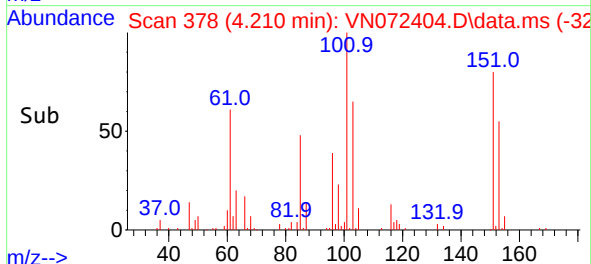
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



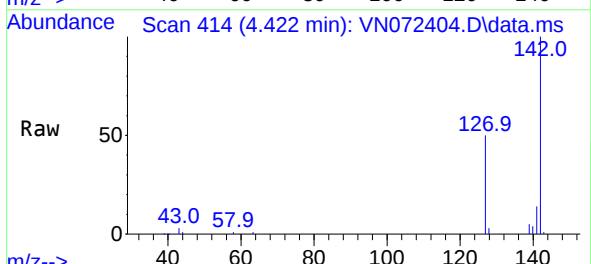
Tgt Ion:101 Resp: 118792
Ion Ratio Lower Upper
101 100
85 47.4 34.7 52.1
151 81.1 63.0 94.4

Manual Integrations
APPROVED

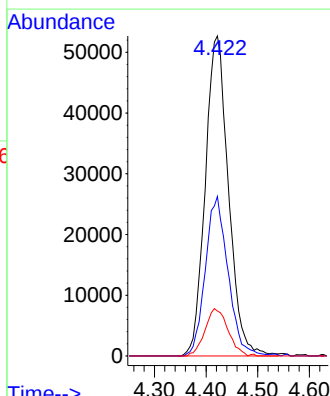
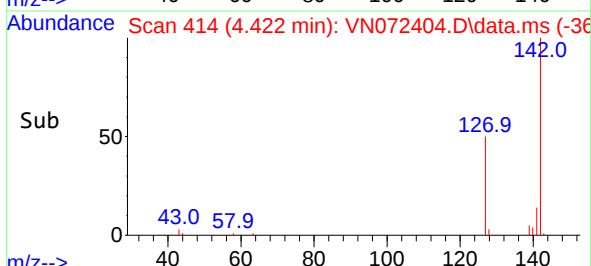
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

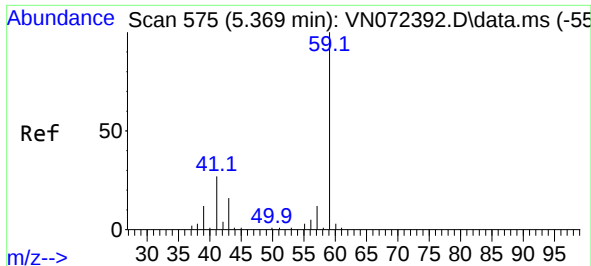


#10
Methyl Iodide
Concen: 47.405 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion:142 Resp: 164385
Ion Ratio Lower Upper
142 100
127 48.6 31.3 46.9#
141 14.6 11.2 16.8





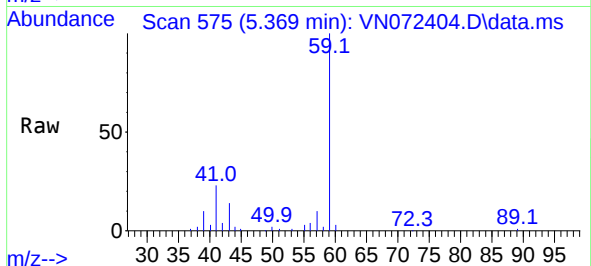
#11
Tert butyl alcohol
Concen: 234.614 ug/l
RT: 5.369 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

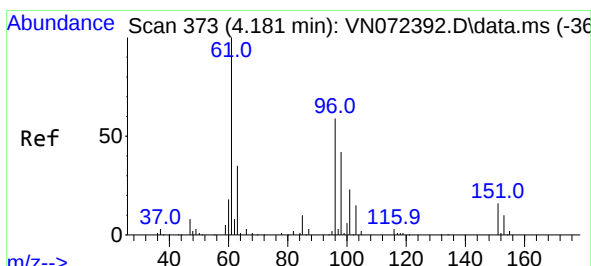
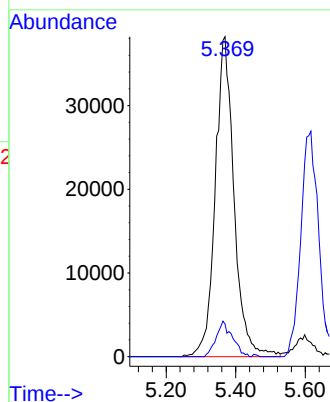
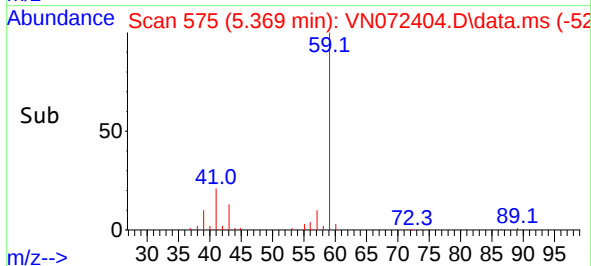


Tgt Ion: 59 Resp: 14312
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5

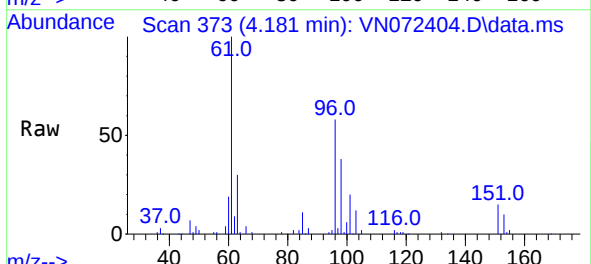
Manual Integrations

APPROVED

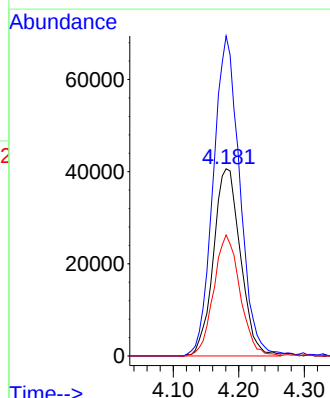
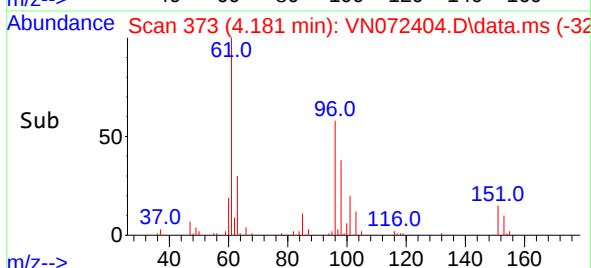
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

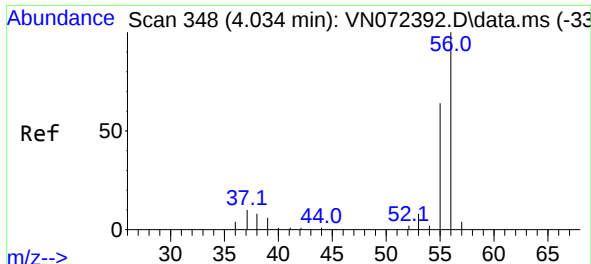


#12
1,1-Dichloroethene
Concen: 47.510 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



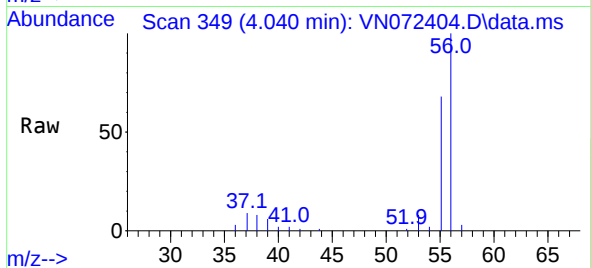
Tgt Ion: 96 Resp: 116450
Ion Ratio Lower Upper
96 100
61 171.0 127.6 191.4
98 64.6 51.2 76.8





#13
Acrolein
Concen: 223.803 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

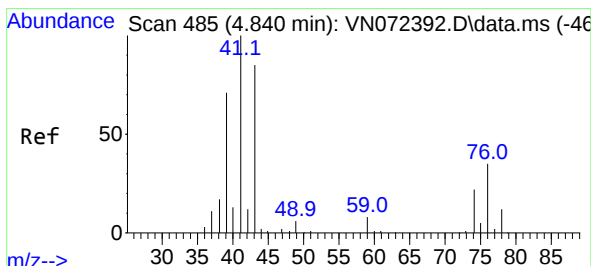
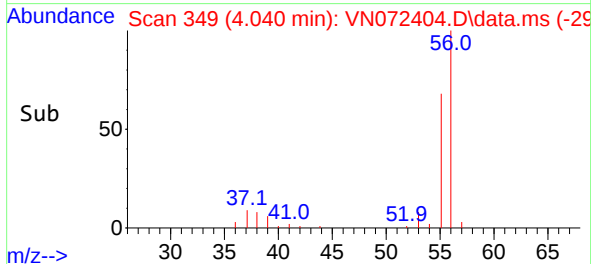
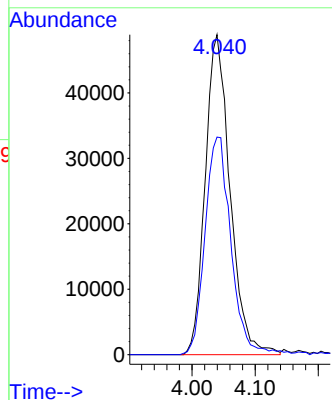
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 133570
Ion Ratio Lower Upper
56 100
55 71.0 54.8 82.2

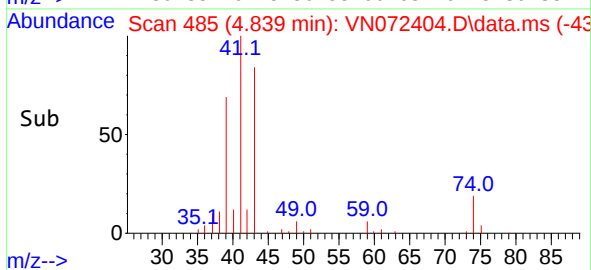
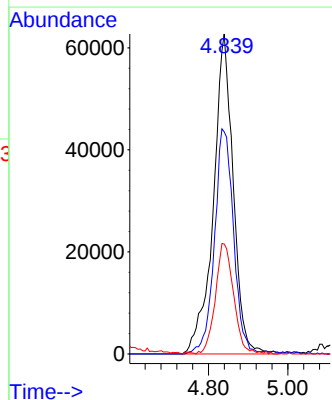
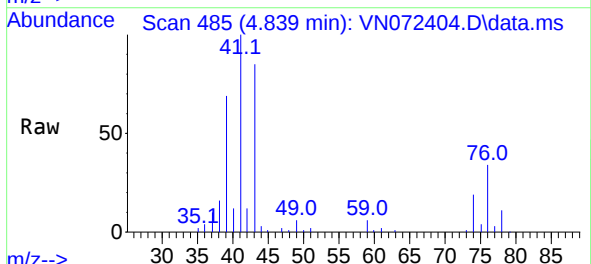
Manual Integrations
APPROVED

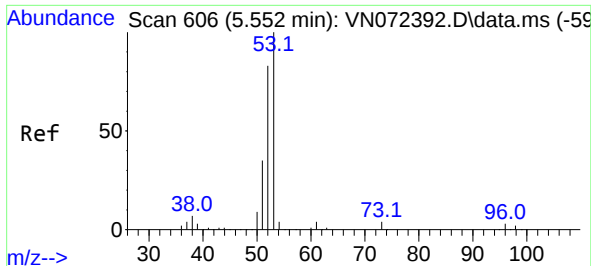
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#14
Allyl chloride
Concen: 47.924 ug/l
RT: 4.839 min Scan# 485
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

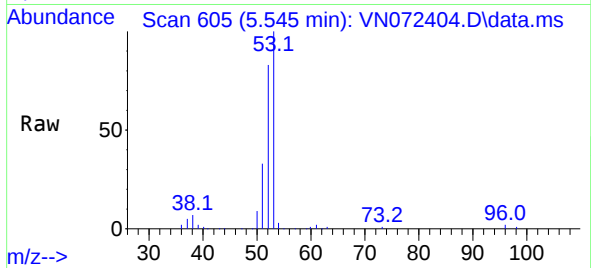
Tgt Ion: 41 Resp: 218707
Ion Ratio Lower Upper
41 100
39 67.4 53.2 79.8
76 31.6 29.9 44.9





#15
Acrylonitrile
Concen: 243.319 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.007 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

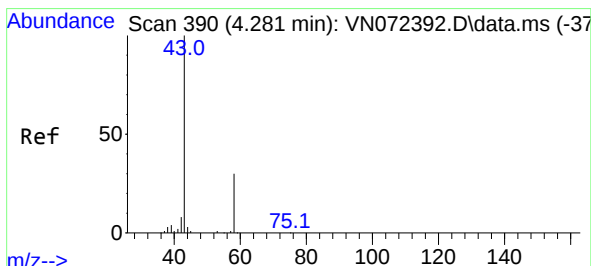
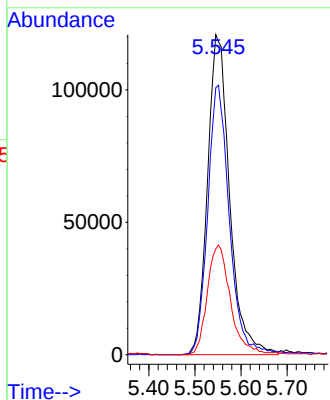
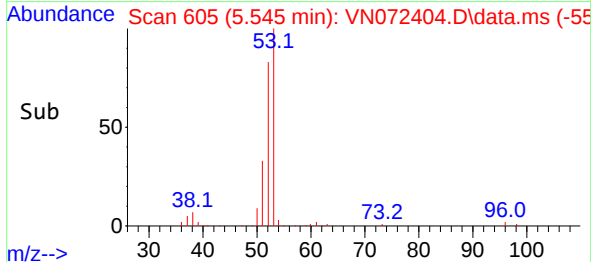
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



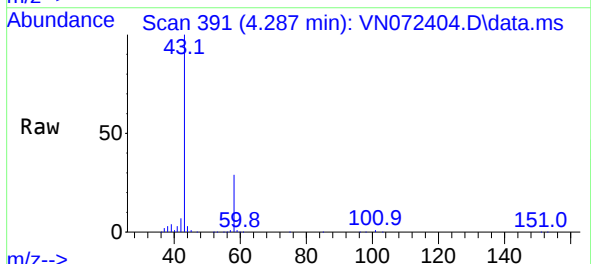
Tgt Ion: 53 Resp: 40334
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 35.7 28.5 42.7

Manual Integrations
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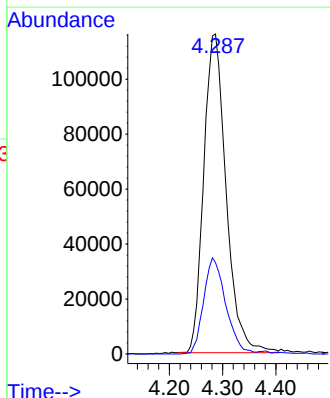
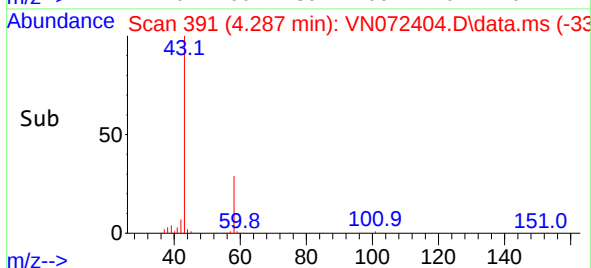
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

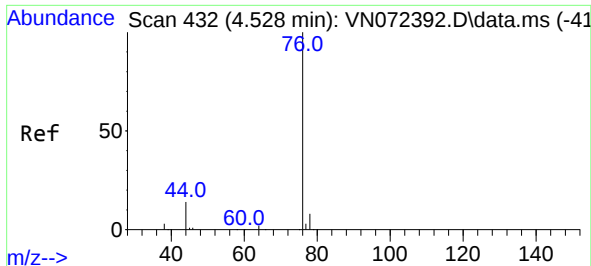


#16
Acetone
Concen: 229.291 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



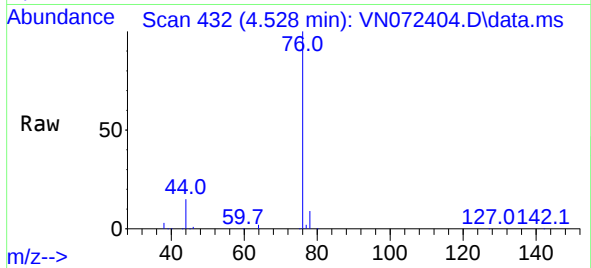
Tgt Ion: 43 Resp: 338778
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0





#17
Carbon Disulfide
Concen: 47.116 ug/l
RT: 4.528 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

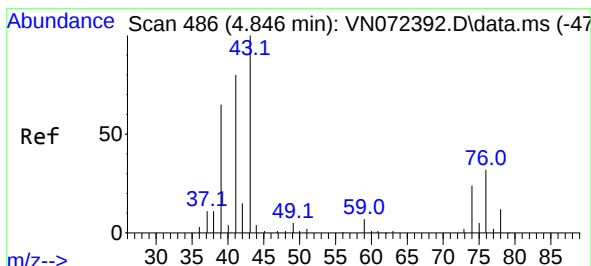
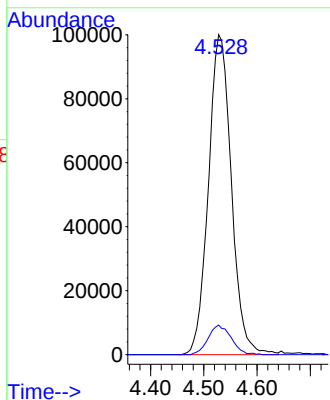
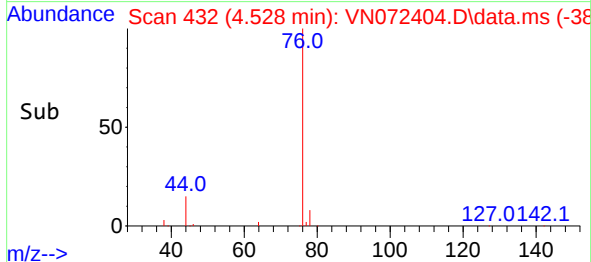
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



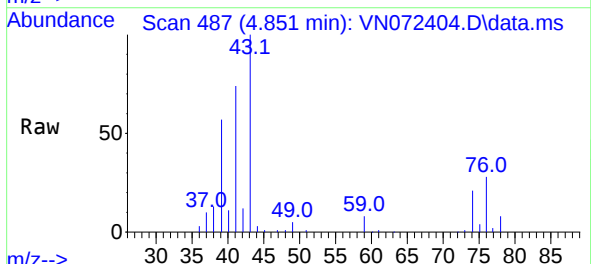
Tgt Ion: 76 Resp: 299500
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

Manual Integrations
APPROVED

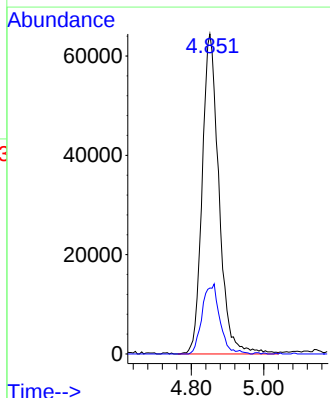
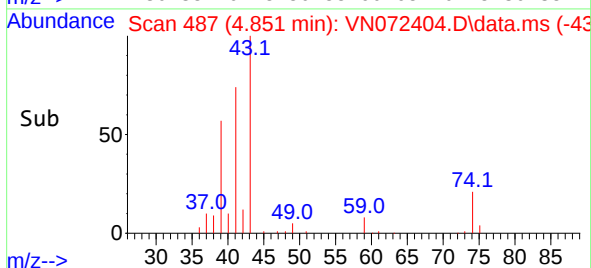
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

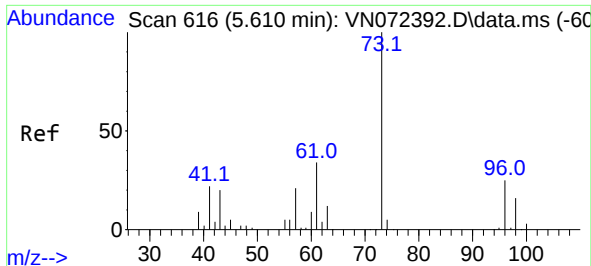


#18
Methyl Acetate
Concen: 47.539 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



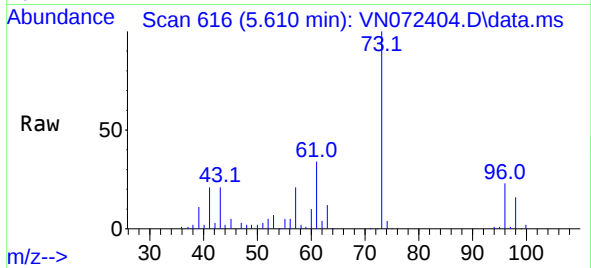
Tgt Ion: 43 Resp: 206801
Ion Ratio Lower Upper
43 100
74 23.0 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 50.105 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

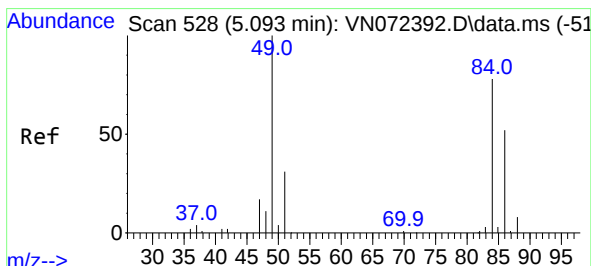
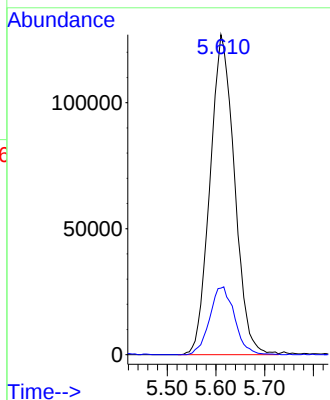
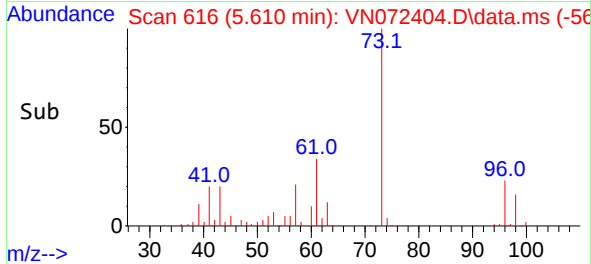
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



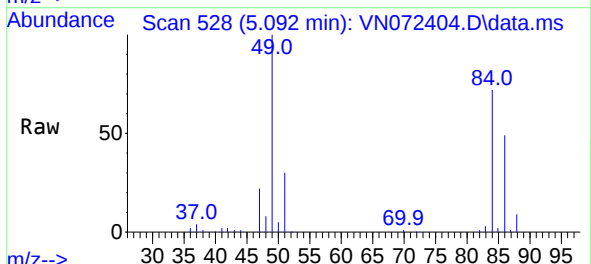
Tgt Ion: 73 Resp: 44382
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

Manual Integrations
APPROVED

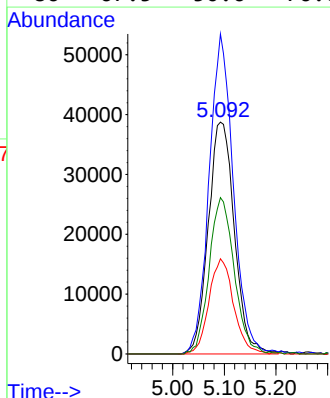
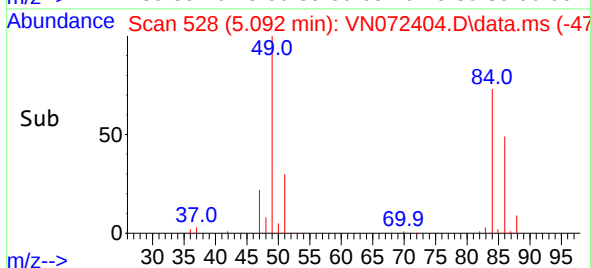
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

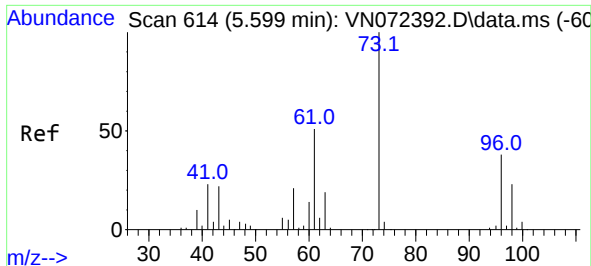


#20
Methylene Chloride
Concen: 44.824 ug/l
RT: 5.092 min Scan# 528
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion: 84 Resp: 135792
Ion Ratio Lower Upper
84 100
49 138.1 88.3 132.5#
51 41.1 28.2 42.2
86 67.5 50.6 76.0





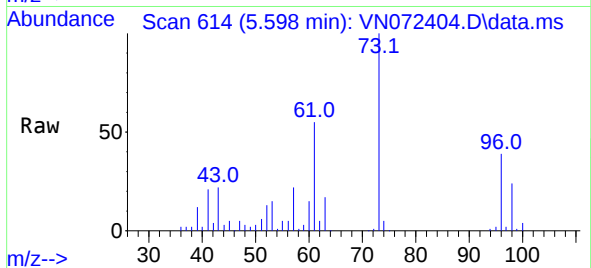
#21
trans-1,2-Dichloroethene
Concen: 47.591 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



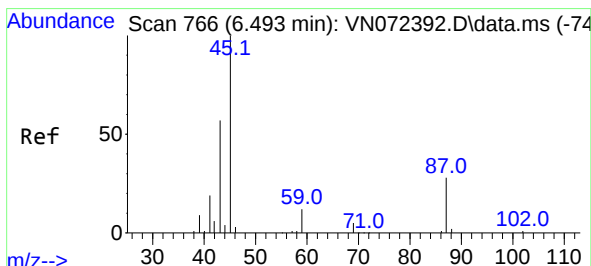
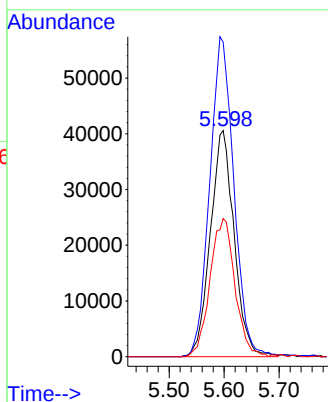
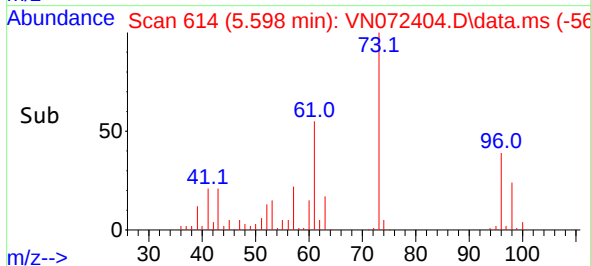
Tgt Ion: 96 Resp: 12204
Ion Ratio Lower Upper
96 100
61 139.1 105.8 158.8
98 61.1 50.3 75.5

Manual Integrations

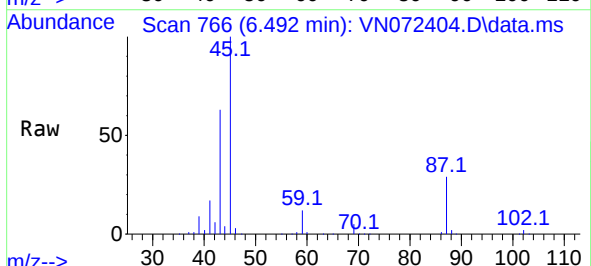
APPROVED

Reviewed By :John Carlone 05/11/2022

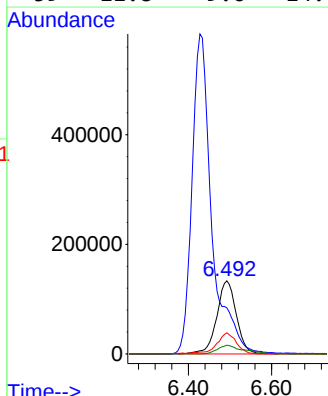
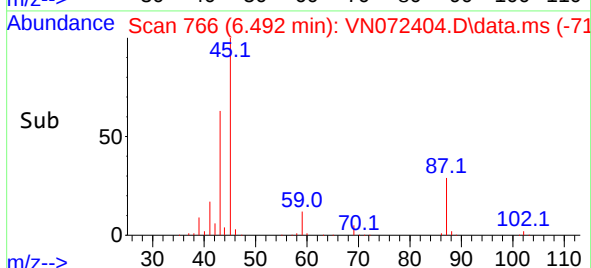
Supervised By :Mahesh Dadoda 05/11/2022

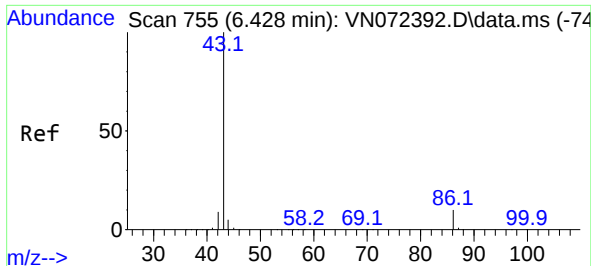


#22
Diisopropyl ether
Concen: 47.200 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



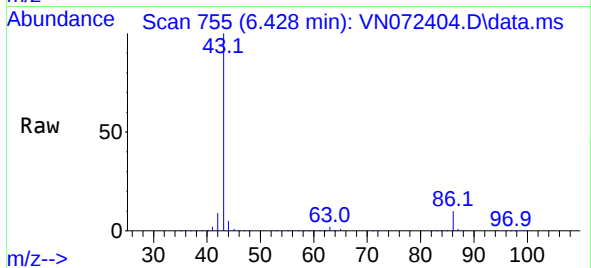
Tgt Ion: 45 Resp: 437706
Ion Ratio Lower Upper
45 100
43 61.9 46.6 70.0
87 28.9 24.3 36.5
59 11.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 247.675 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072404.D
 Acq: 10 May 2022 20:15

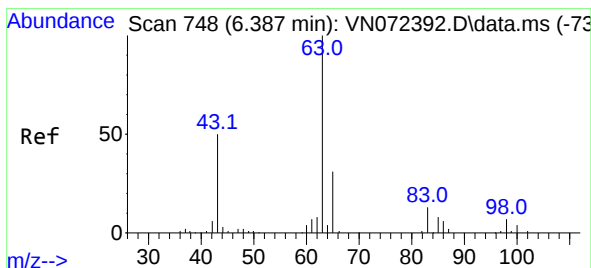
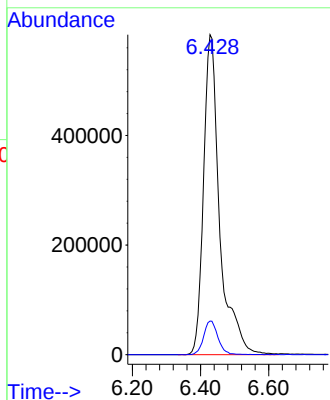
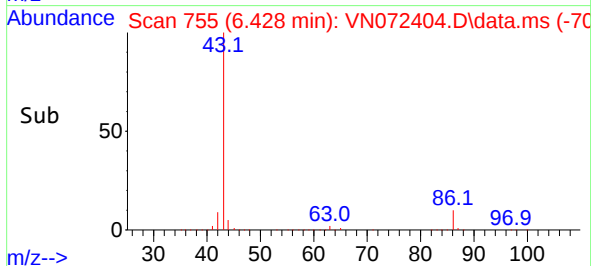
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



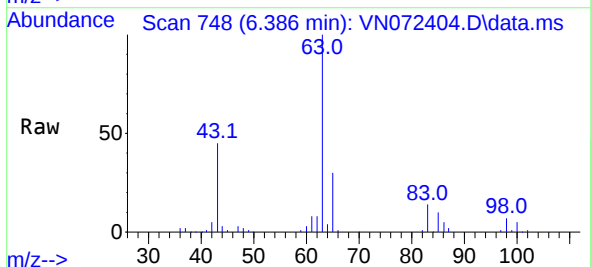
Tgt Ion: 43 Resp: 1921790
 Ion Ratio Lower Upper
 43 100
 86 10.5 10.0 15.0

Manual Integrations
 APPROVED

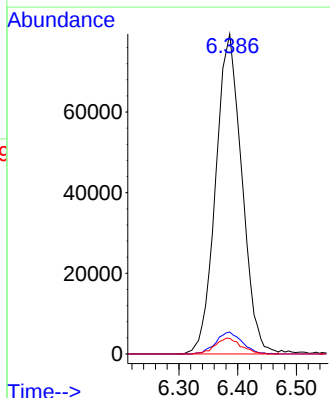
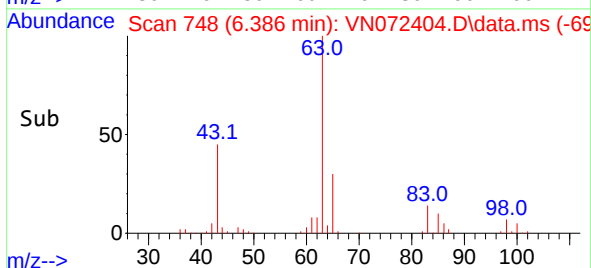
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

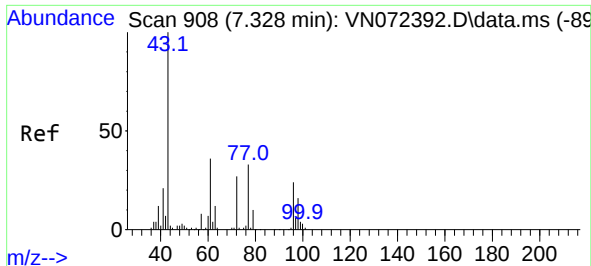


#24
 1,1-Dichloroethane
 Concen: 46.965 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.001 min
 Lab File: VN072404.D
 Acq: 10 May 2022 20:15



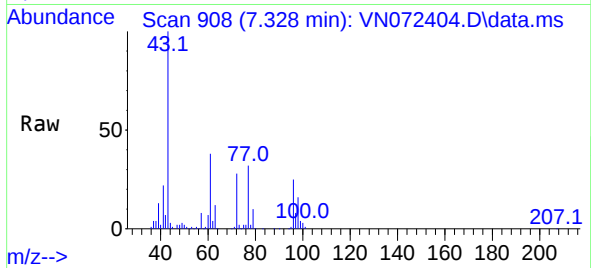
Tgt Ion: 63 Resp: 245770
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 232.113 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

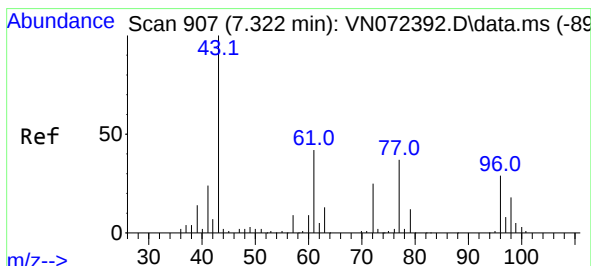
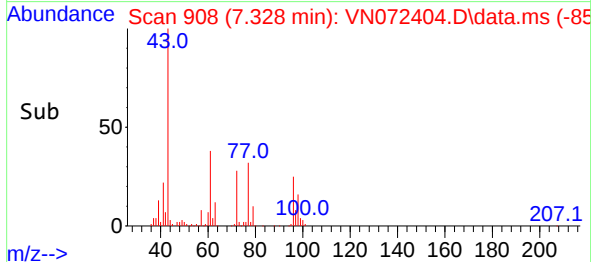
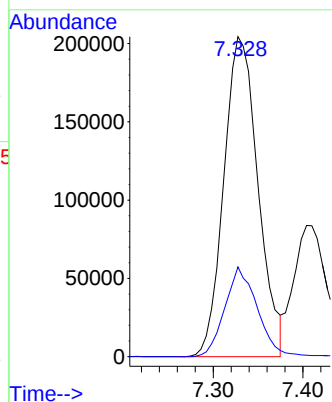
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC



Tgt Ion: 43 Resp: 541250
Ion Ratio Lower Upper
43 100
72 28.0 23.7 35.5

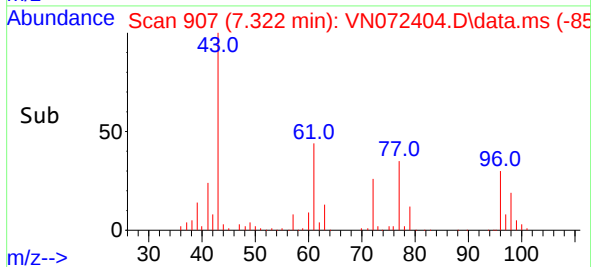
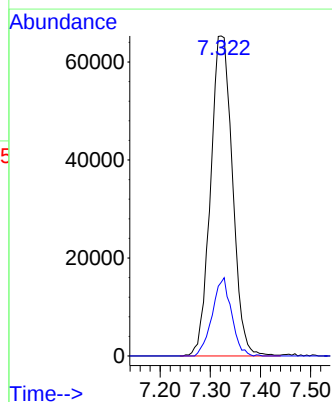
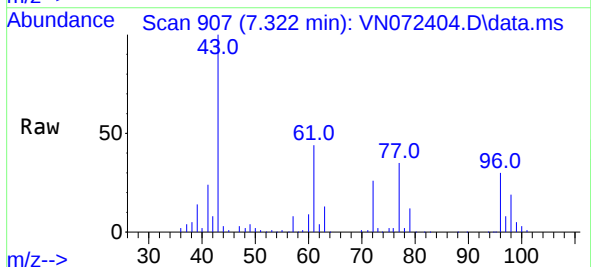
Manual Integrations
APPROVED

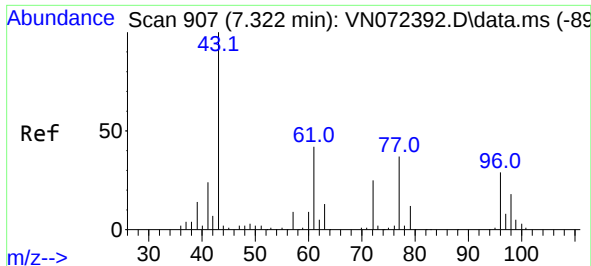
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#26
2,2-Dichloropropane
Concen: 45.130 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Tgt Ion: 77 Resp: 198461
Ion Ratio Lower Upper
77 100
97 21.4 11.4 34.2





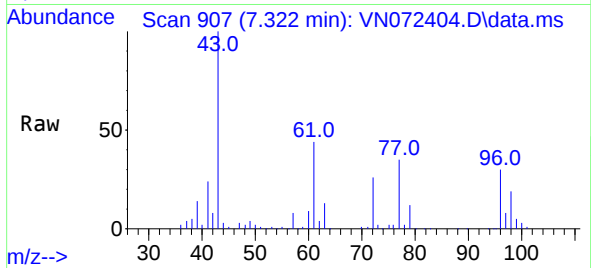
#27
cis-1,2-Dichloroethene
Concen: 46.865 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



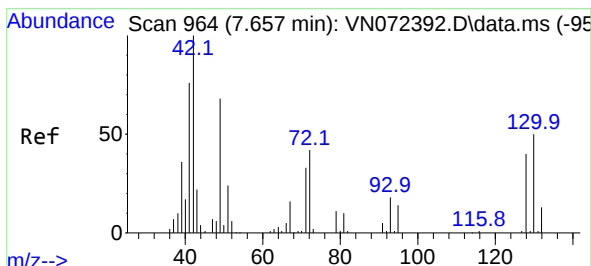
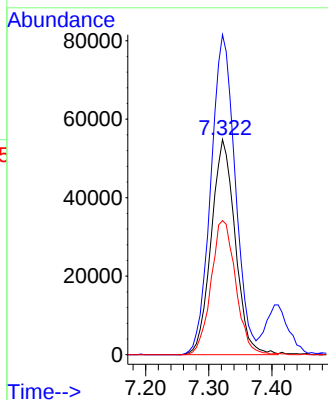
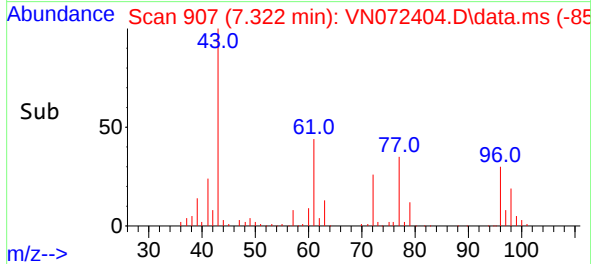
Tgt Ion: 96 Resp: 14448
Ion Ratio Lower Upper
96 100
61 151.1 0.0 280.6
98 64.0 0.0 128.4

Manual Integrations

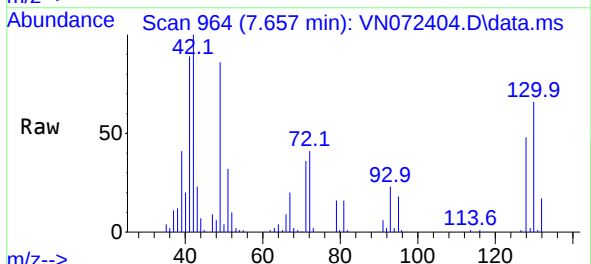
APPROVED

Reviewed By :John Carlone 05/11/2022

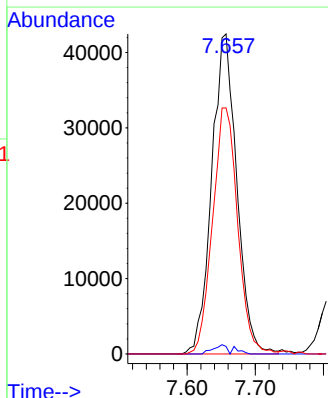
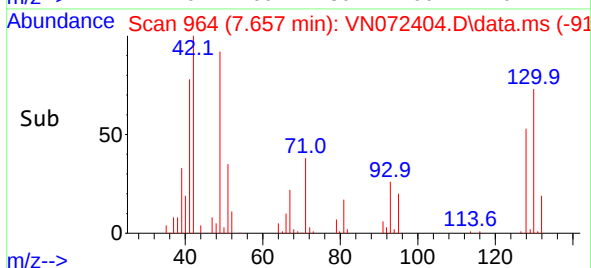
Supervised By :Mahesh Dadoda 05/11/2022

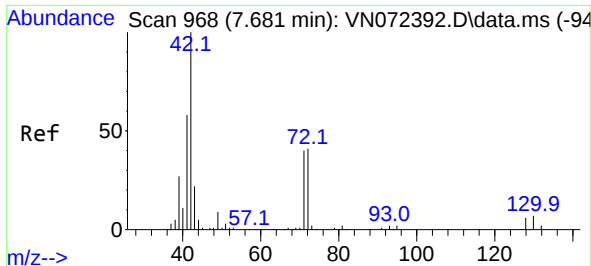


#28
Bromochloromethane
Concen: 48.913 ug/l
RT: 7.657 min Scan# 964
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



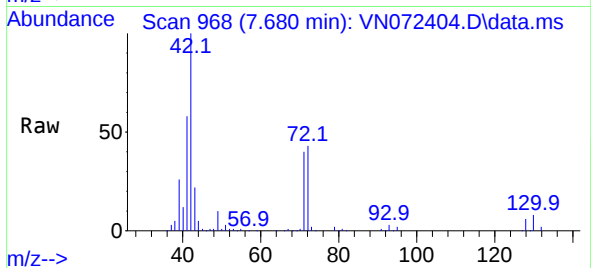
Tgt Ion: 49 Resp: 108681
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.6
130 76.9 69.7 104.5





#29
Tetrahydrofuran
Concen: 241.512 ug/l
RT: 7.680 min Scan# 901
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

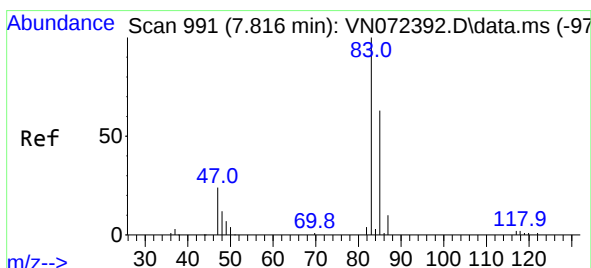
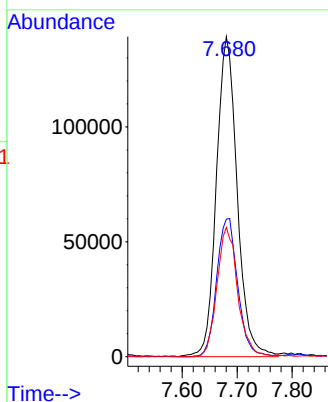
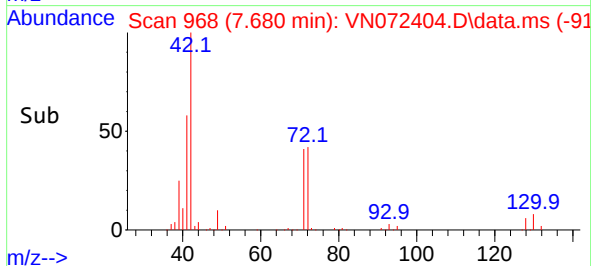
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



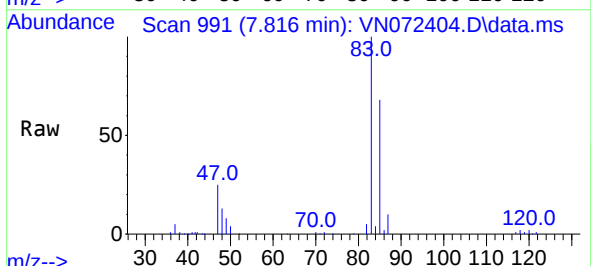
Tgt Ion: 42 Resp: 366012
Ion Ratio Lower Upper
42 100
72 43.8 39.7 59.5
71 40.0 36.6 55.0

Manual Integrations
APPROVED

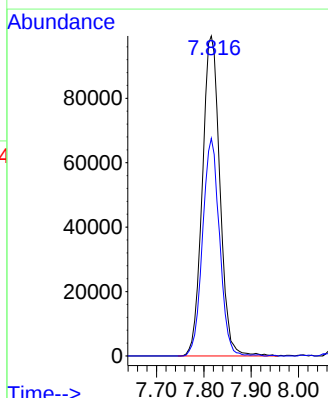
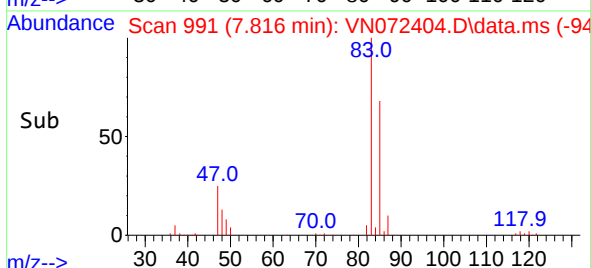
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

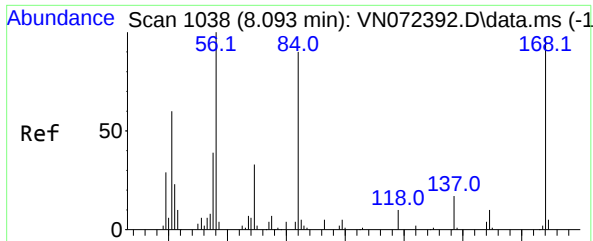


#30
Chloroform
Concen: 48.033 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



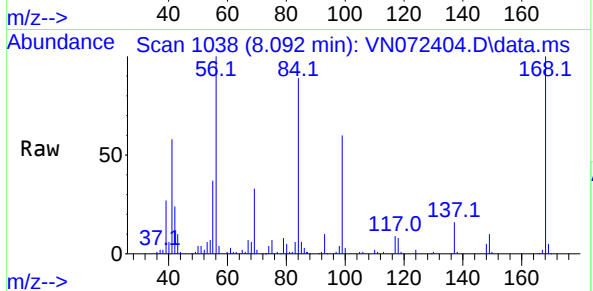
Tgt Ion: 83 Resp: 255716
Ion Ratio Lower Upper
83 100
85 68.0 51.8 77.8





#31
Cyclohexane
Concen: 45.415 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

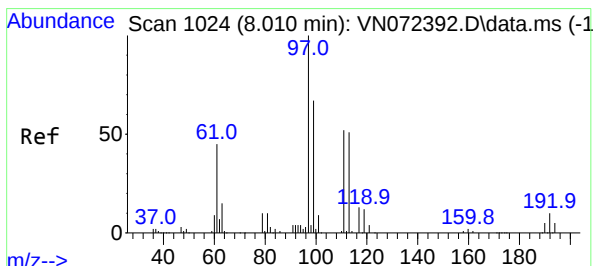
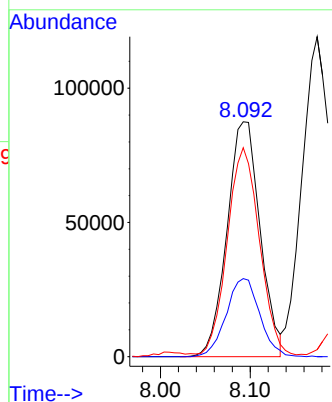
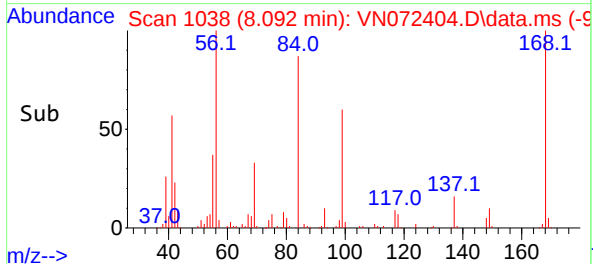
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



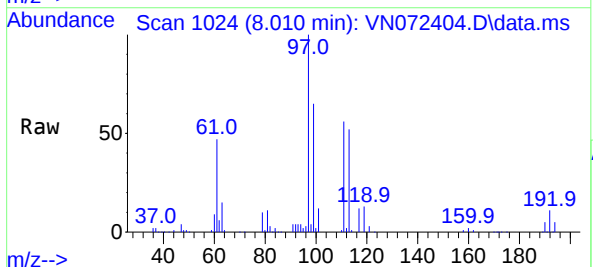
Tgt Ion: 56 Resp: 22451
Ion Ratio Lower Upper
56 100
69 33.3 27.8 41.8
84 87.4 76.9 115.3

Manual Integrations
APPROVED

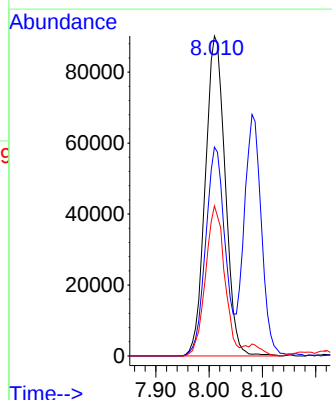
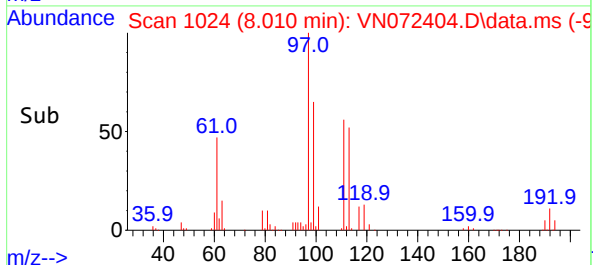
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

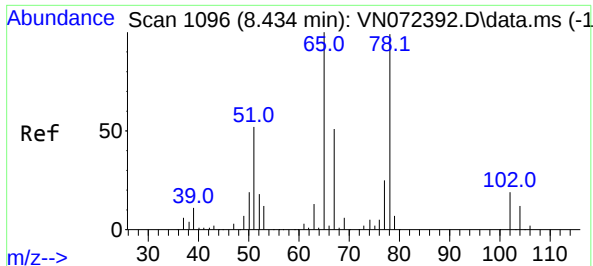


#32
1,1,1-Trichloroethane
Concen: 48.064 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



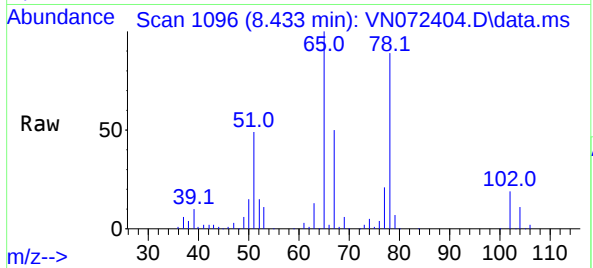
Tgt Ion: 97 Resp: 234695
Ion Ratio Lower Upper
97 100
99 64.5 50.6 76.0
61 44.9 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 47.688 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

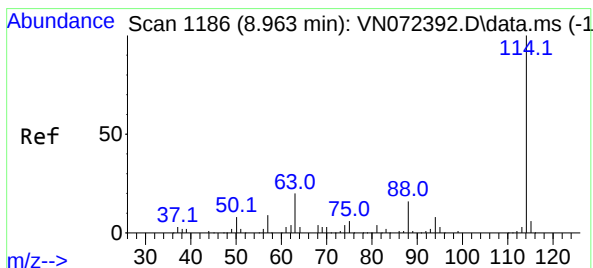
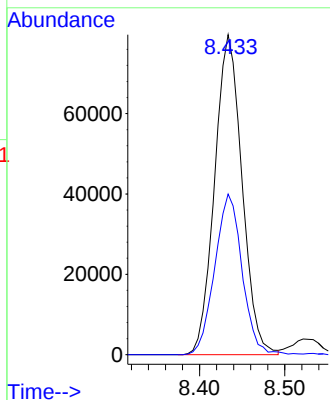
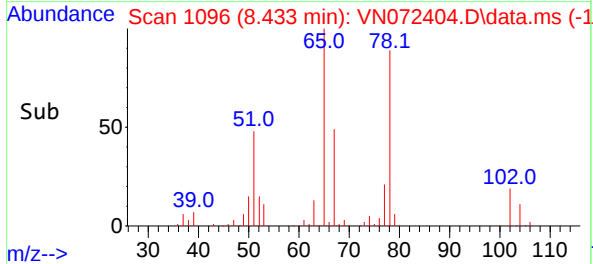
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



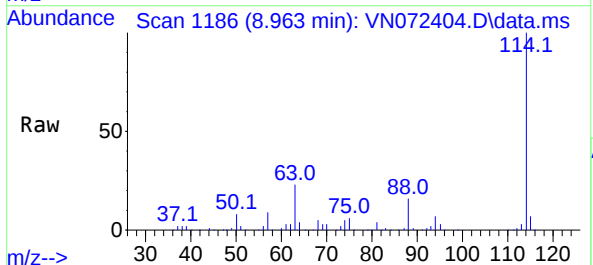
Tgt Ion: 65 Resp: 17791
Ion Ratio Lower Upper
65 100
67 50.1 0.0 104.8

Manual Integrations
APPROVED

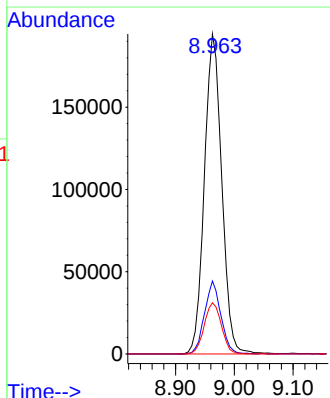
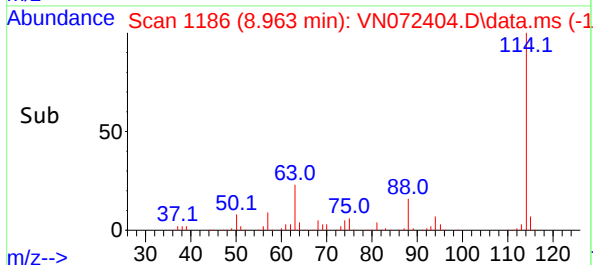
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

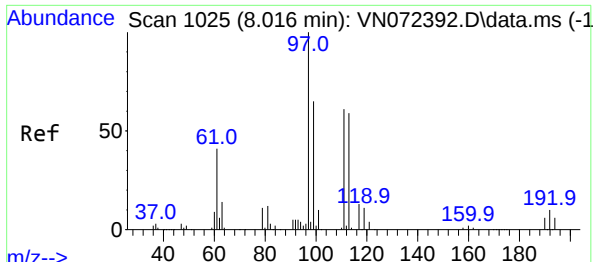


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



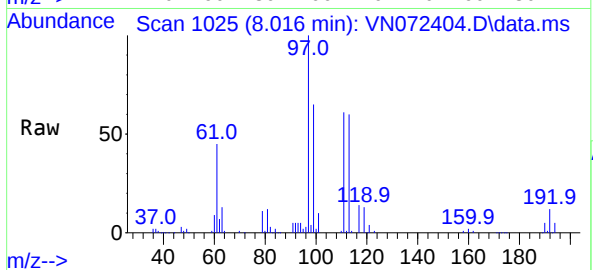
Tgt Ion:114 Resp: 399887
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.0
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.621 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

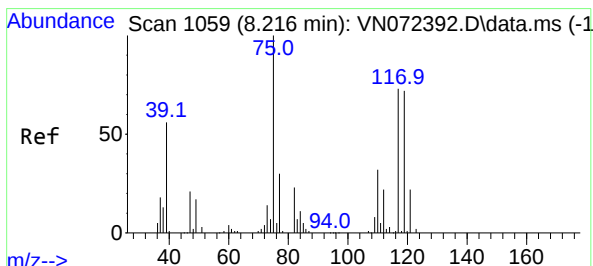
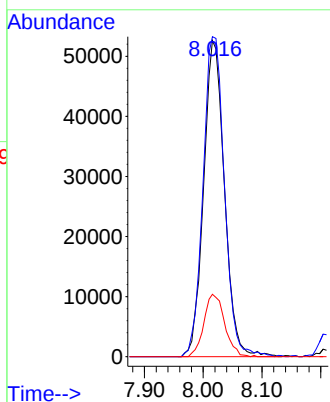
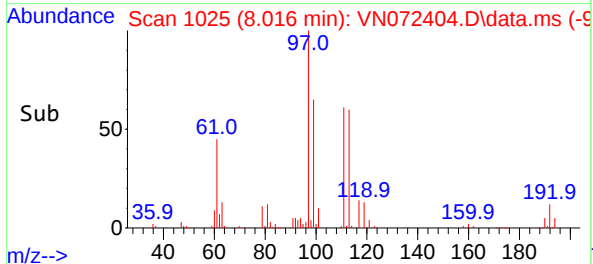
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



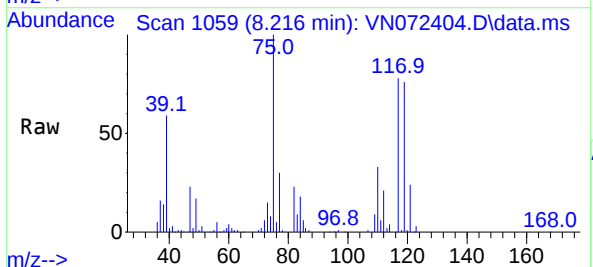
Tgt Ion:113 Resp: 12935
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 19.7 17.0 25.6

Manual Integrations
APPROVED

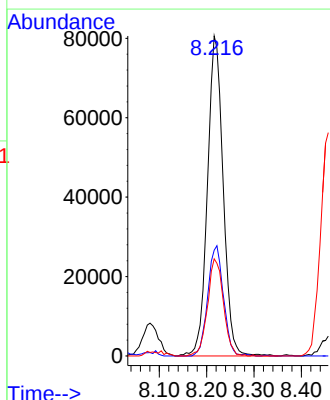
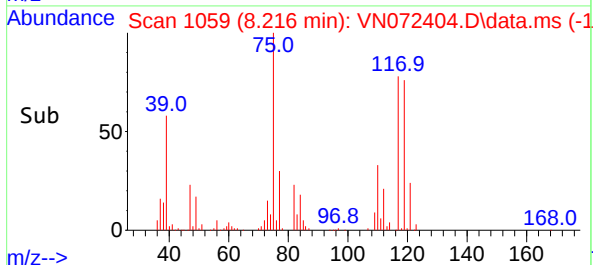
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

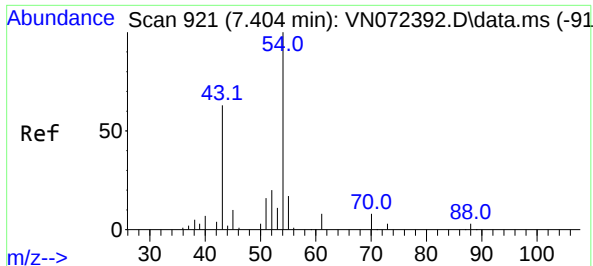


#36
1,1-Dichloropropene
Concen: 48.684 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



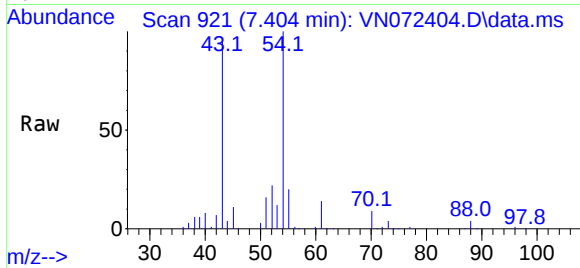
Tgt Ion: 75 Resp: 186029
Ion Ratio Lower Upper
75 100
110 34.3 18.3 54.8
77 30.6 25.1 37.7





#37
Ethyl Acetate
Concen: 48.191 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

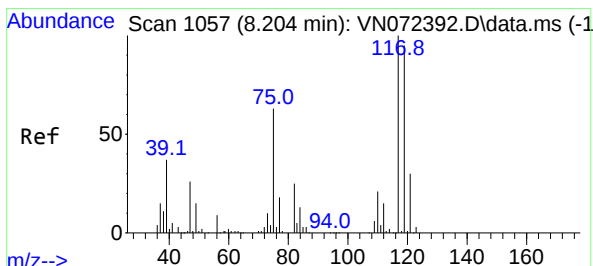
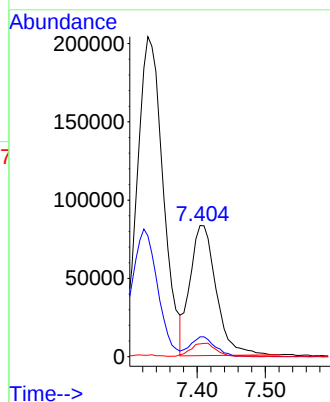
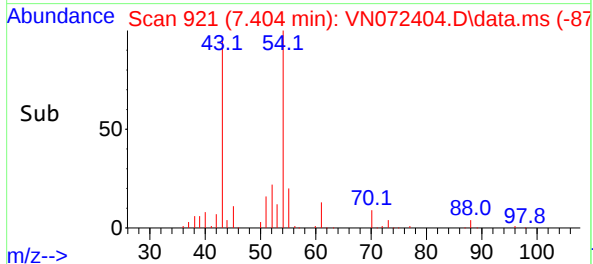
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



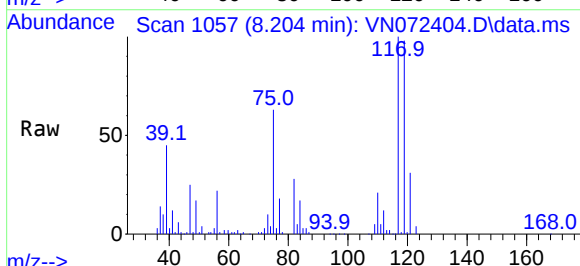
Tgt Ion: 43 Resp: 22093
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.2 9.3 13.9

Manual Integrations
APPROVED

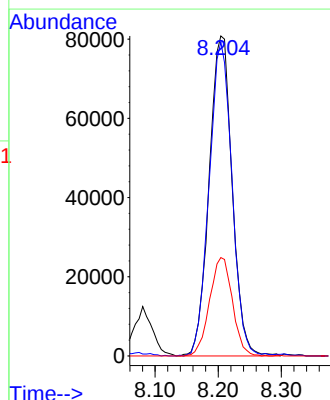
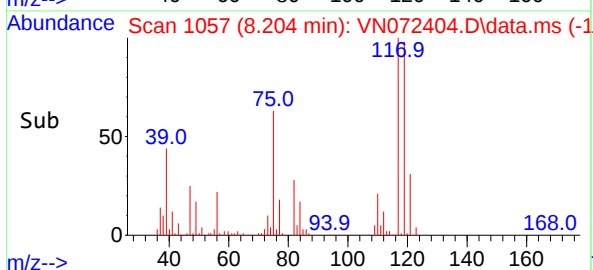
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

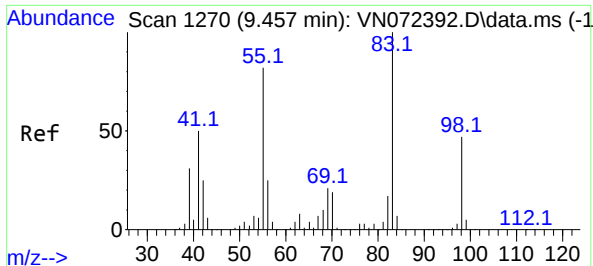


#38
Carbon Tetrachloride
Concen: 47.886 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion:117 Resp: 204787
Ion Ratio Lower Upper
117 100
119 97.8 75.8 113.8
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 51.078 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072404.D

Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21935

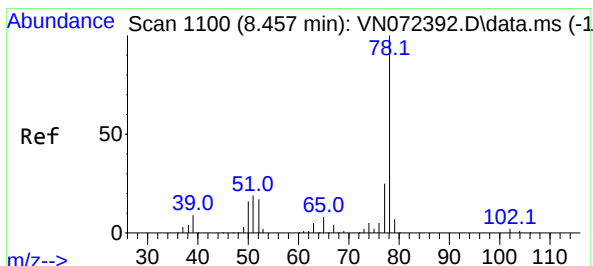
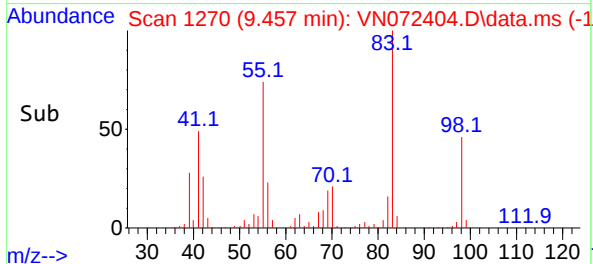
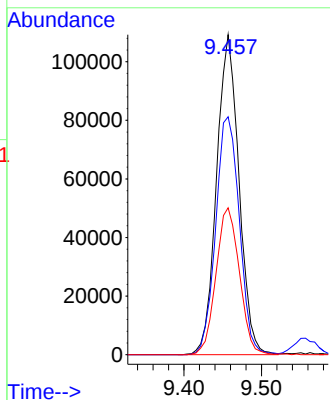
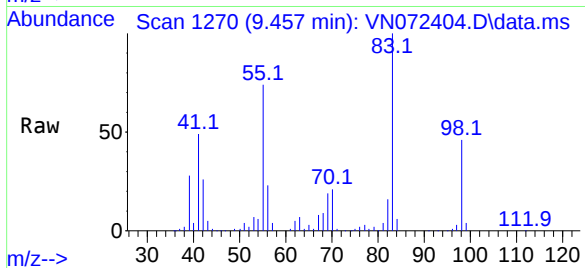
Ion	Ratio	Lower	Upper
83	100		
55	74.3	57.8	86.8
98	45.9	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#40

Benzene

Concen: 48.072 ug/l

RT: 8.457 min Scan# 1100

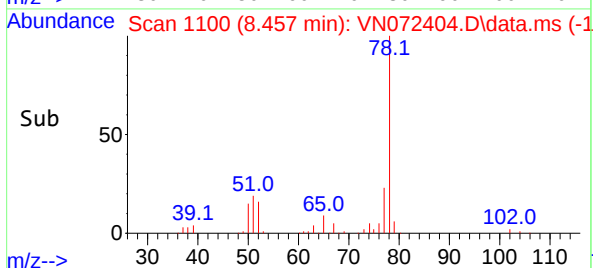
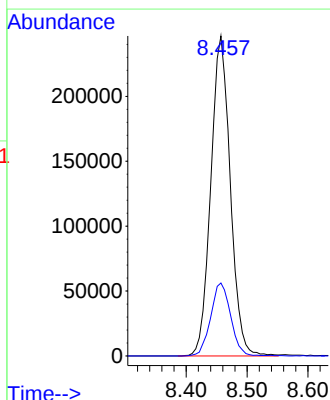
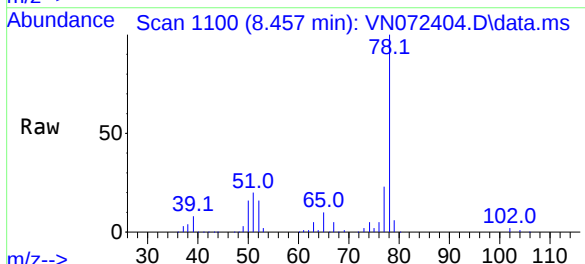
Delta R.T. -0.000 min

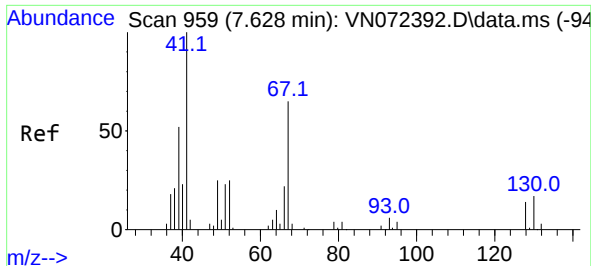
Lab File: VN072404.D

Acq: 10 May 2022 20:15

Tgt Ion: 78 Resp: 548739

Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.0





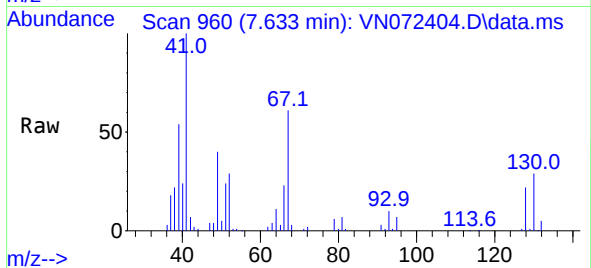
#41
Methacrylonitrile
Concen: 52.039 ug/l
RT: 7.633 min Scan# 911
Delta R.T. 0.005 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



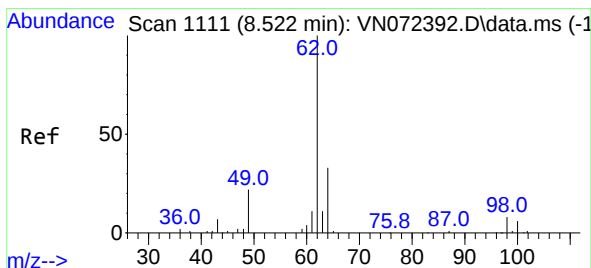
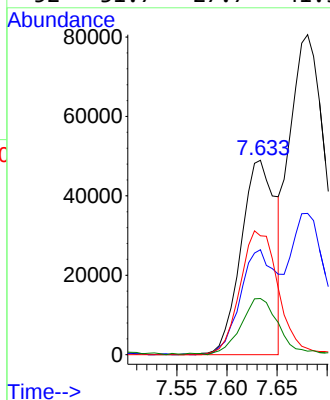
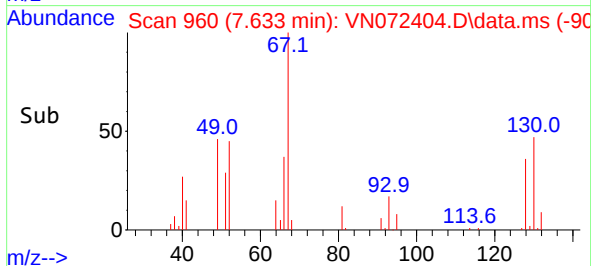
Tgt Ion: 41 Resp: 11813
Ion Ratio Lower Upper
41 100
39 60.2 48.6 73.0
67 70.6 73.4 110.2
52 31.7 27.7 41.5

Manual Integrations

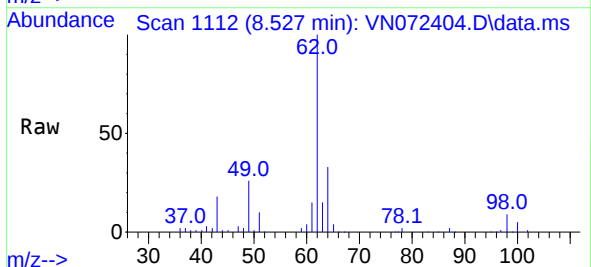
APPROVED

Reviewed By :John Carlone 05/11/2022

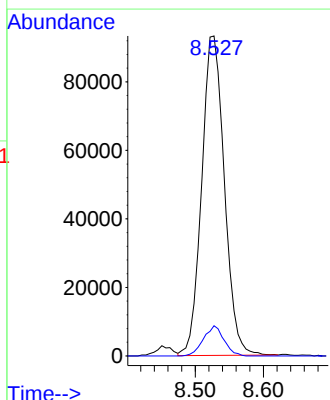
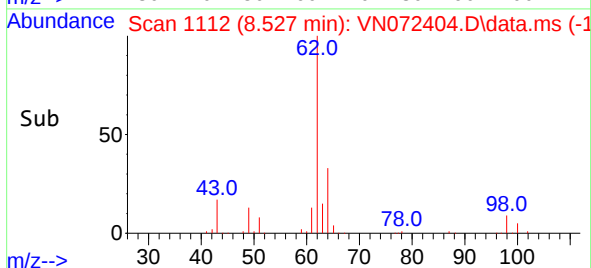
Supervised By :Mahesh Dadoda 05/11/2022

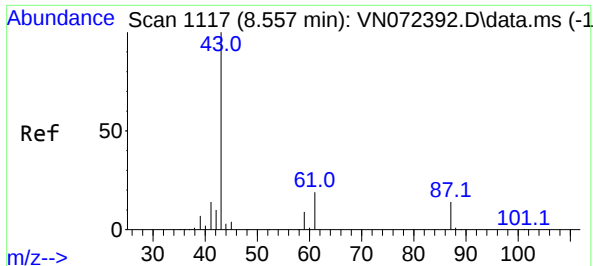


#42
1,2-Dichloroethane
Concen: 47.062 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.005 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion: 62 Resp: 215922
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 48.201 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

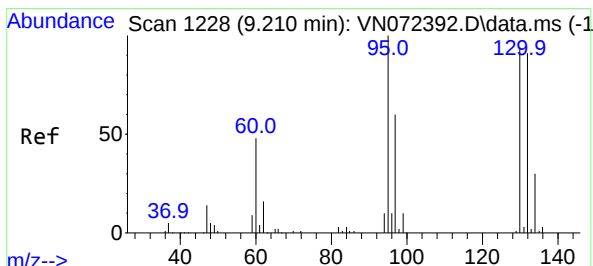
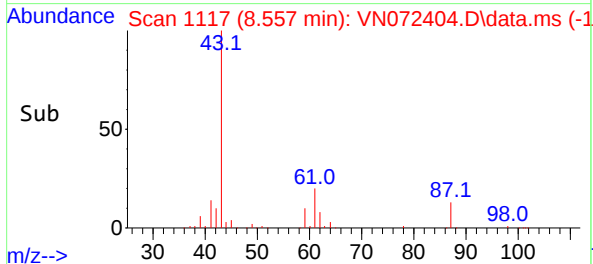
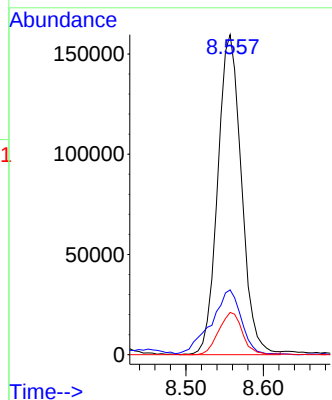
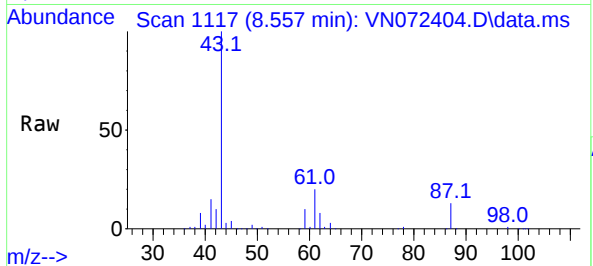
VSTDCCC050EC

Tgt Ion: 43 Resp: 33942
Ion Ratio Lower Upper
43 100
61 25.9 21.9 32.9
87 13.1 12.0 18.0

Manual Integrations

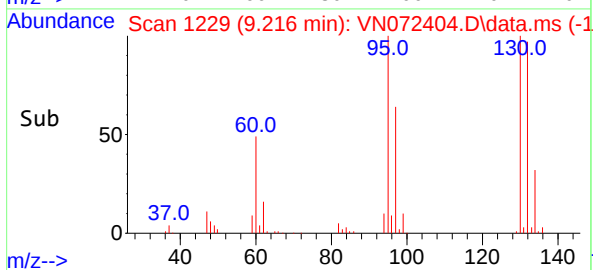
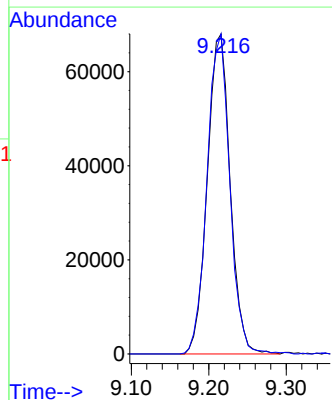
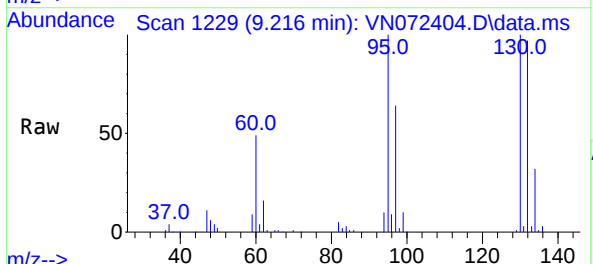
APPROVED

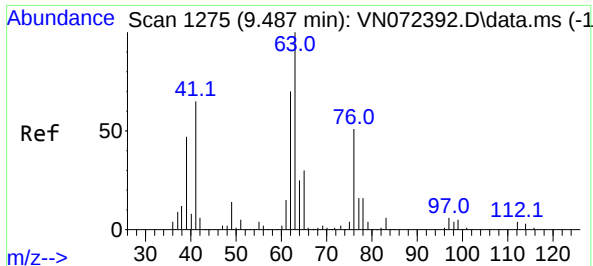
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#44
Trichloroethene
Concen: 48.153 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Tgt Ion:130 Resp: 139536
Ion Ratio Lower Upper
130 100
95 99.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 48.840 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.001 min

Lab File: VN072404.D

Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 142378

Ion Ratio Lower Upper

63 100

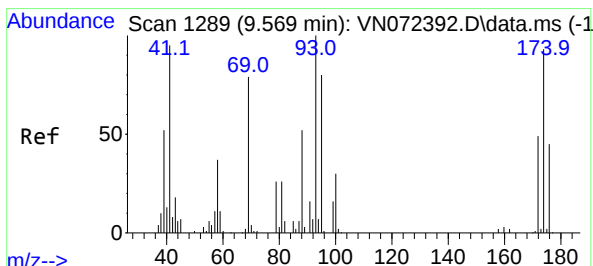
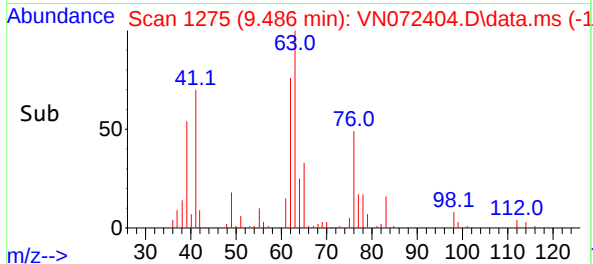
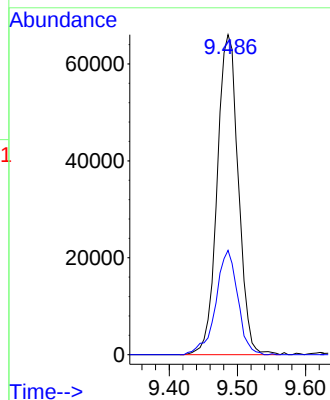
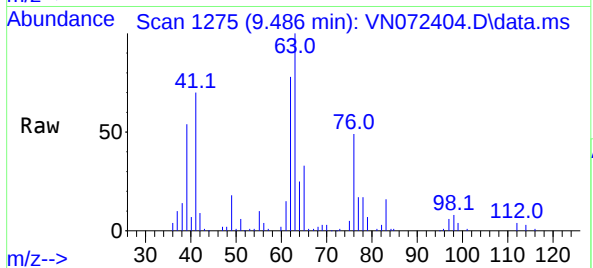
65 32.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#46

Dibromomethane

Concen: 47.471 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.005 min

Lab File: VN072404.D

Acq: 10 May 2022 20:15

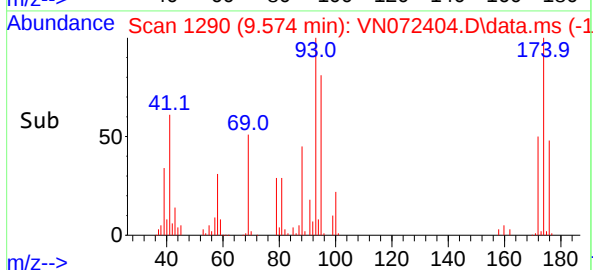
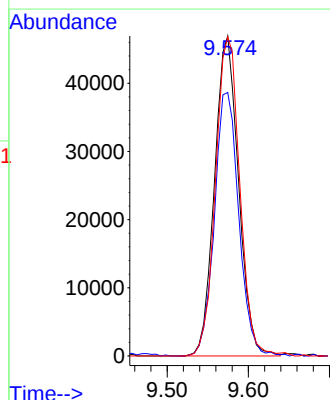
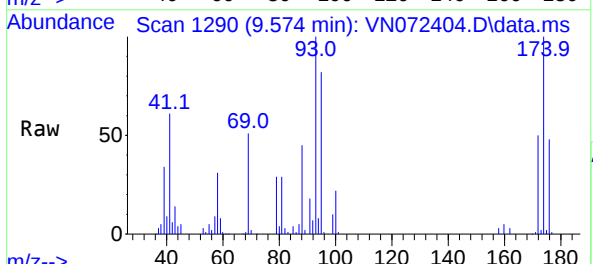
Tgt Ion: 93 Resp: 96356

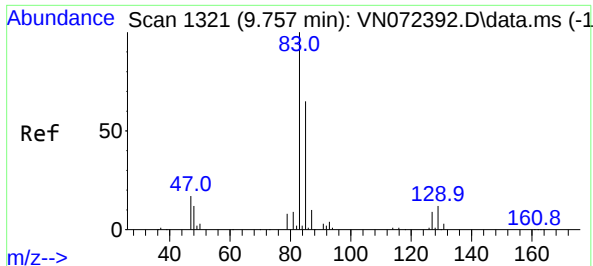
Ion Ratio Lower Upper

93 100

95 83.9 66.9 100.3

174 100.9 86.6 130.0





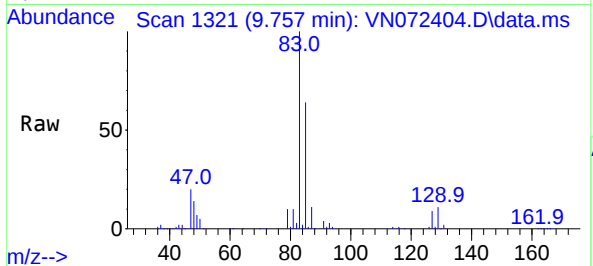
#47
Bromodichloromethane
Concen: 49.075 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



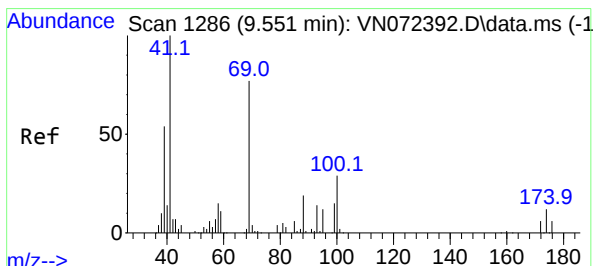
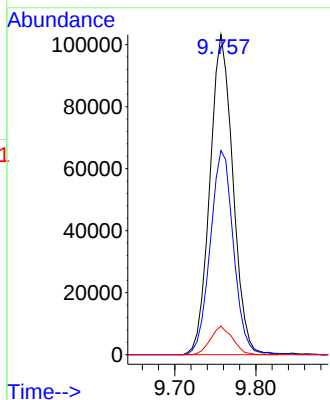
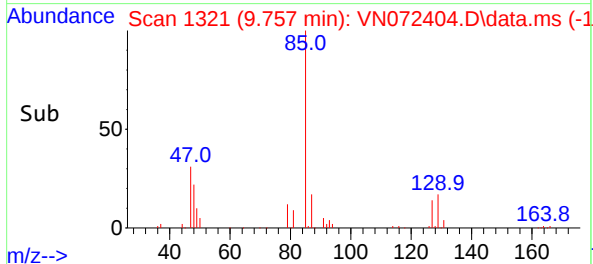
Tgt Ion: 83 Resp: 203070
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7
127 8.9 6.8 10.2

Manual Integrations

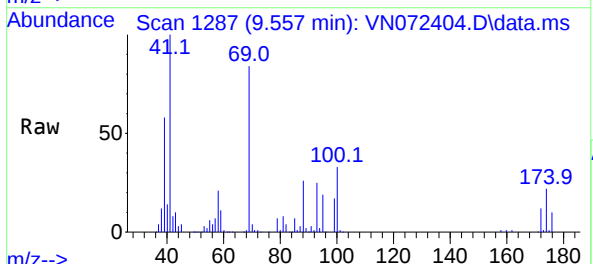
APPROVED

Reviewed By :John Carlone 05/11/2022

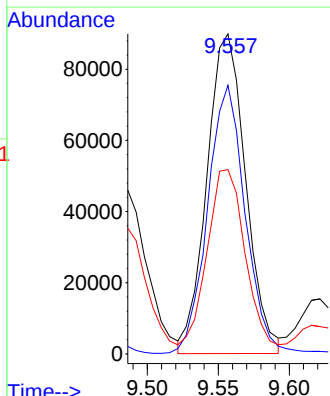
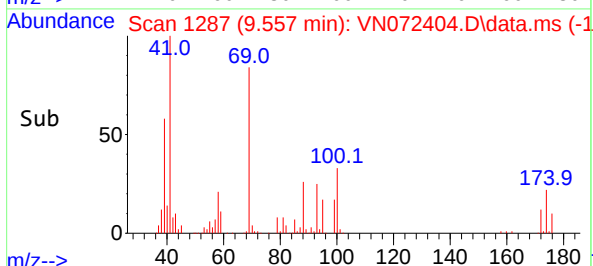
Supervised By :Mahesh Dadoda 05/11/2022

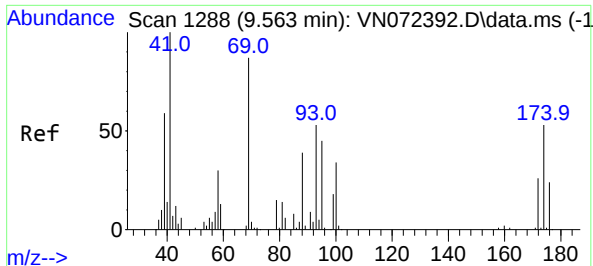


#48
Methyl methacrylate
Concen: 51.960 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion: 41 Resp: 170712
Ion Ratio Lower Upper
41 100
69 81.7 74.7 112.1
39 57.5 45.6 68.4





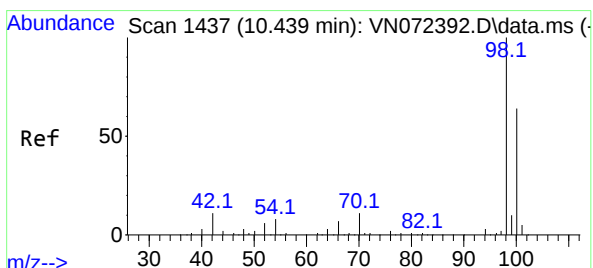
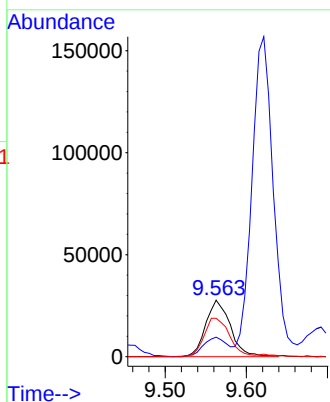
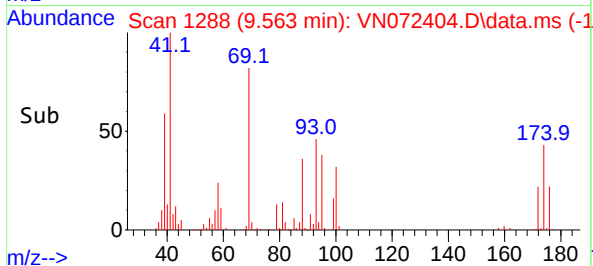
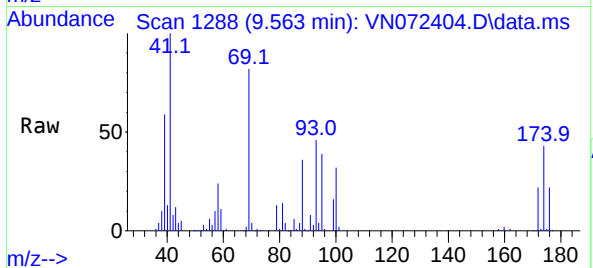
#49
1,4-Dioxane
Concen: 1040.632 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 5832
Ion Ratio Lower Upper
88 100
43 32.7 20.2 30.4
58 70.0 54.2 81.4

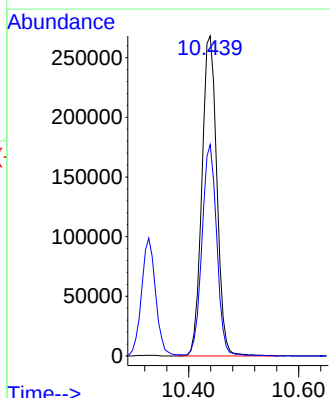
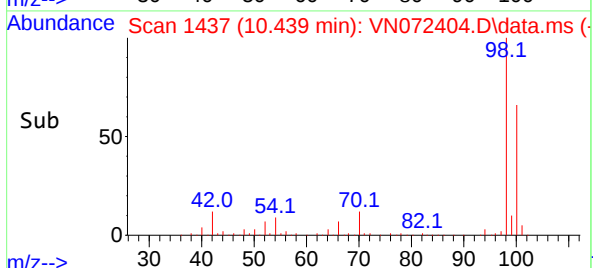
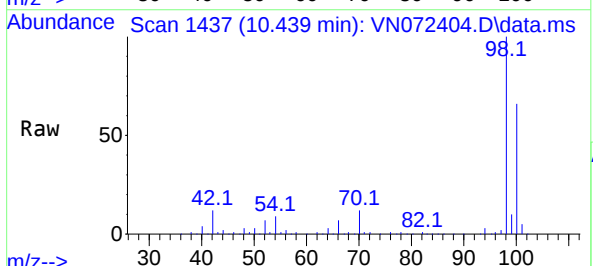
Manual Integrations
APPROVED

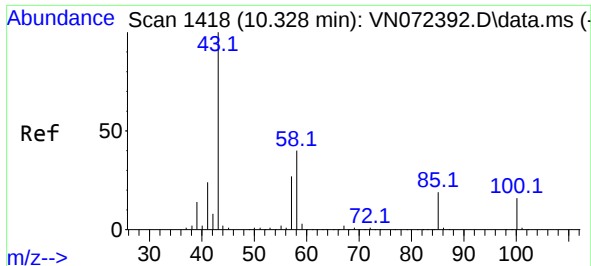
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#50
Toluene-d8
Concen: 50.019 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

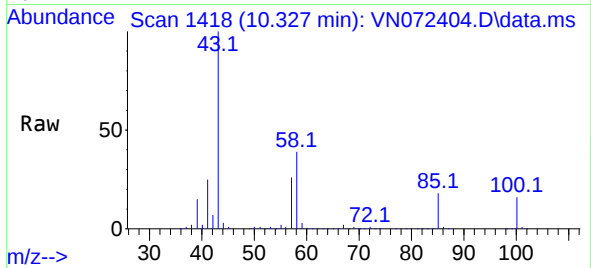
Tgt Ion: 98 Resp: 506812
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 253.911 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

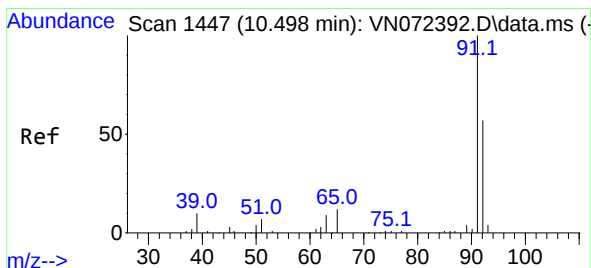
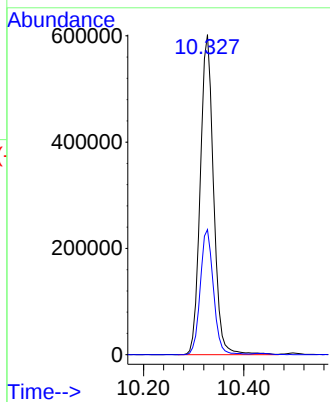
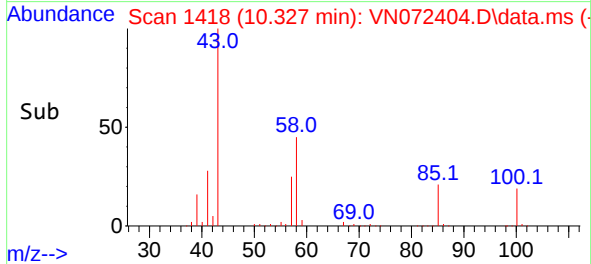
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



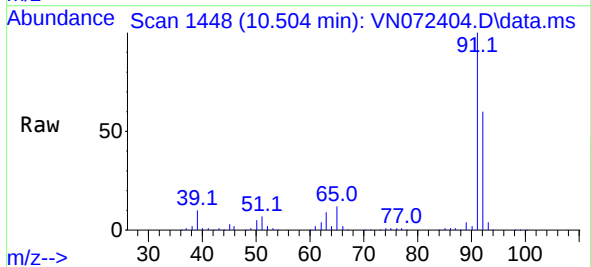
Tgt Ion: 43 Resp: 111026
Ion Ratio Lower Upper
43 100
58 38.7 34.1 51.1

Manual Integrations
APPROVED

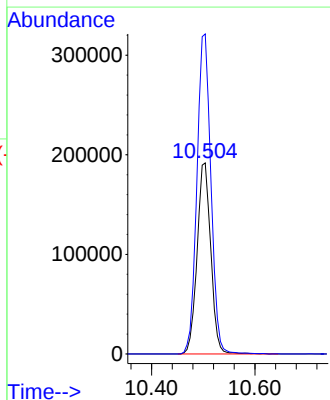
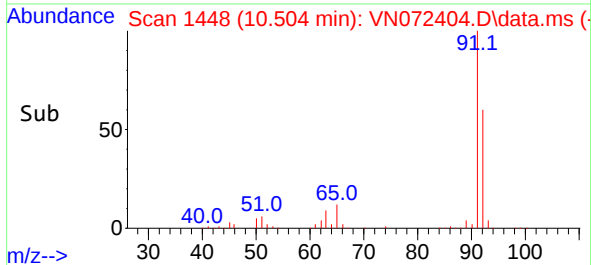
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

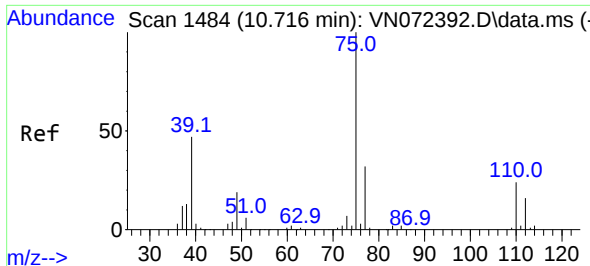


#52
Toluene
Concen: 50.016 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



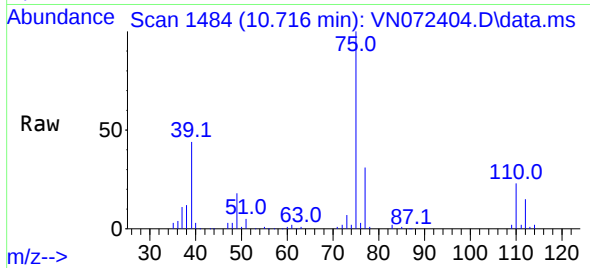
Tgt Ion: 92 Resp: 352047
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 51.310 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

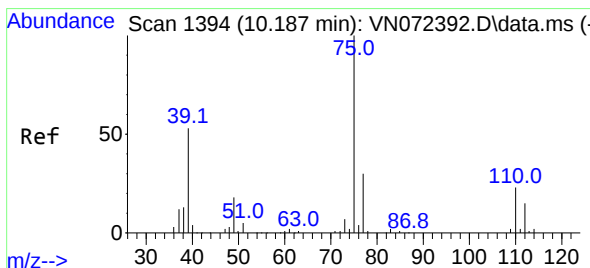
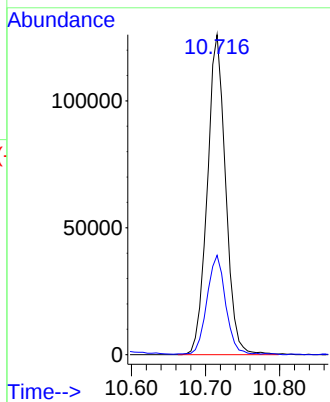
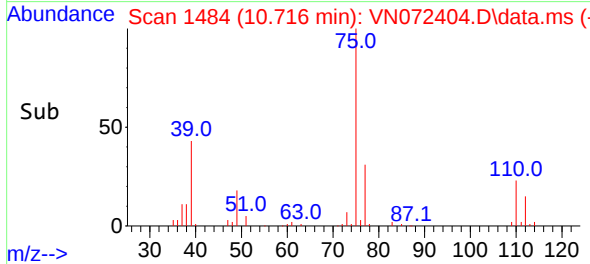
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



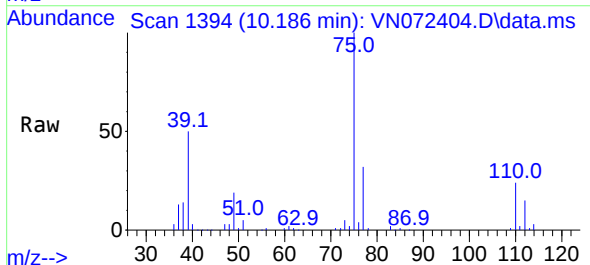
Tgt Ion: 75 Resp: 216125
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
APPROVED

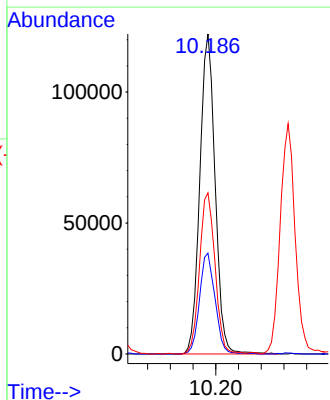
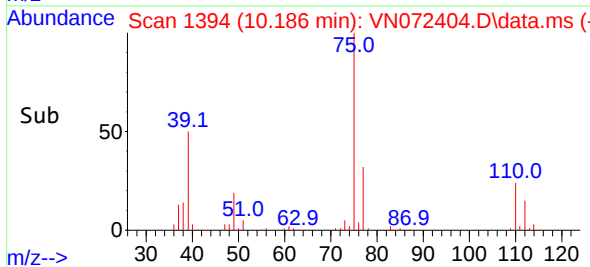
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

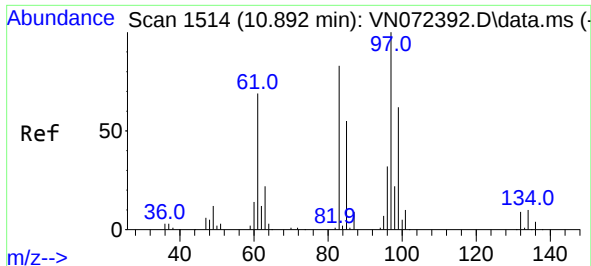


#54
cis-1,3-Dichloropropene
Concen: 50.762 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion: 75 Resp: 228124
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 50.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 48.802 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

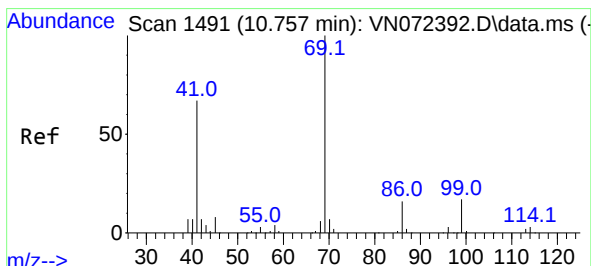
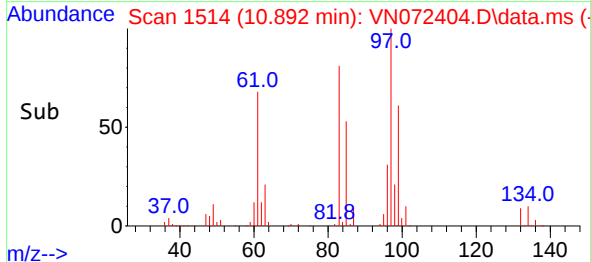
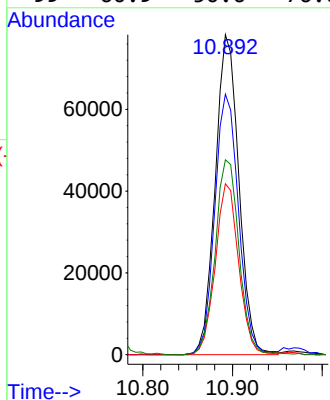
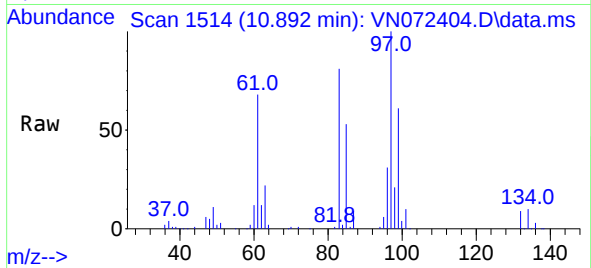
VSTDCCC050EC

Tgt Ion: 97 Resp: 143099
Ion Ratio Lower Upper
97 100
83 81.4 66.2 99.4
85 53.4 43.9 65.9
99 60.9 50.6 76.0

Manual Integrations

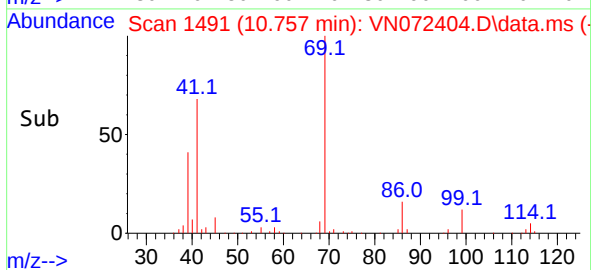
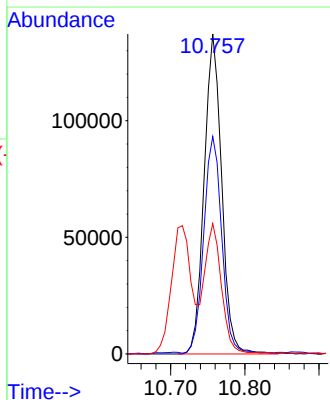
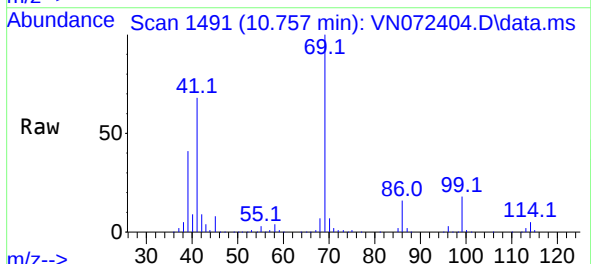
APPROVED

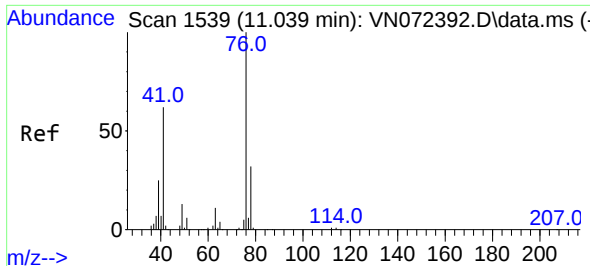
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#56
Ethyl methacrylate
Concen: 53.698 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

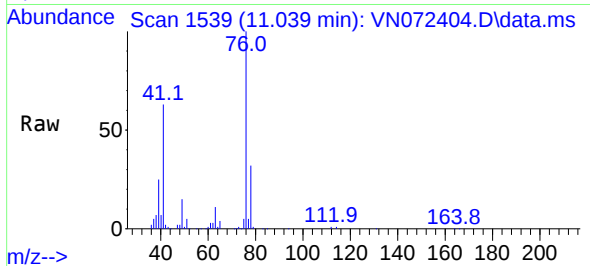
Tgt Ion: 69 Resp: 225663
Ion Ratio Lower Upper
69 100
41 69.5 47.8 71.6
39 37.5 27.3 40.9





#57
1,3-Dichloropropane
Concen: 49.961 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

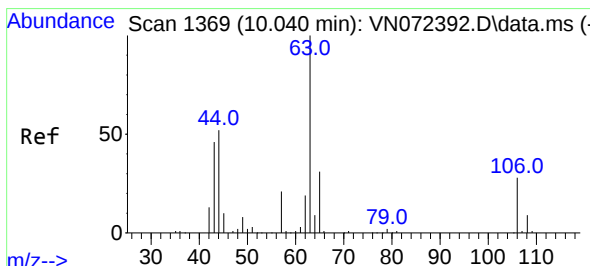
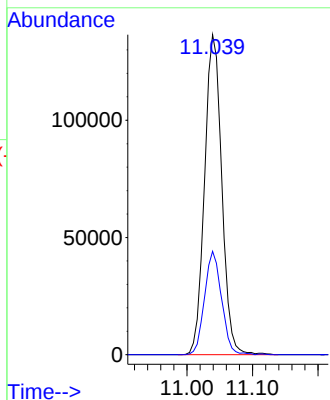
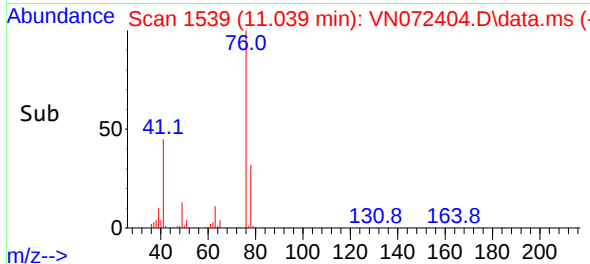
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



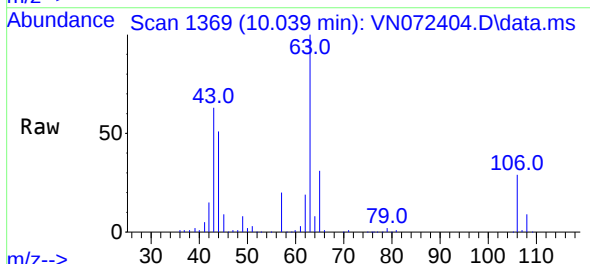
Tgt Ion: 76 Resp: 24946
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.2

Manual Integrations
APPROVED

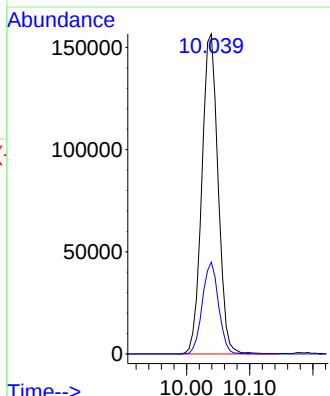
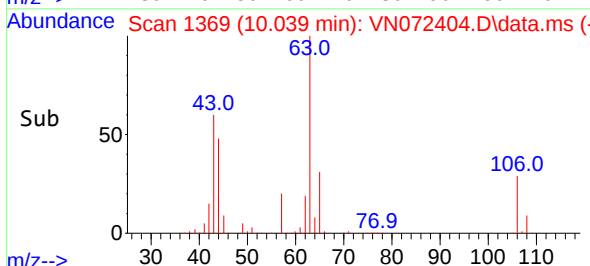
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

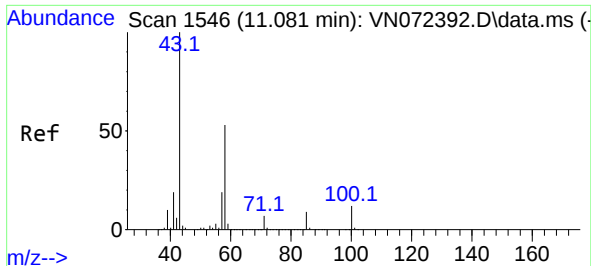


#58
2-Chloroethyl Vinyl ether
Concen: 246.621 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



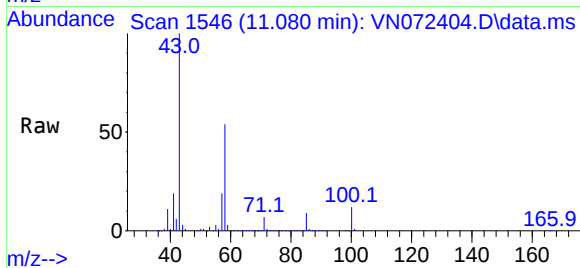
Tgt Ion: 63 Resp: 279886
Ion Ratio Lower Upper
63 100
106 28.6 24.6 36.8





#59
2-Hexanone
Concen: 259.188 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

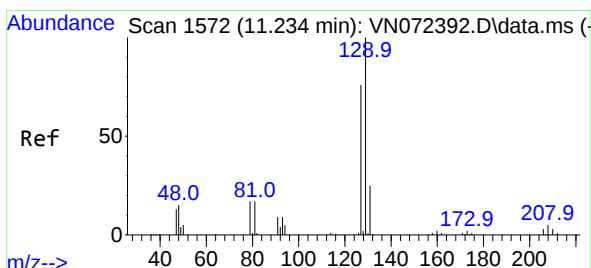
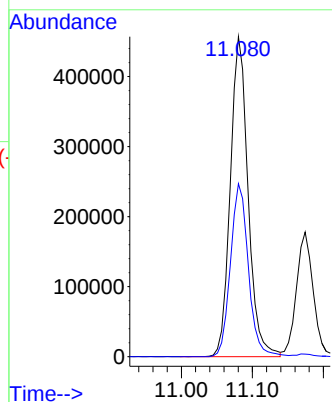
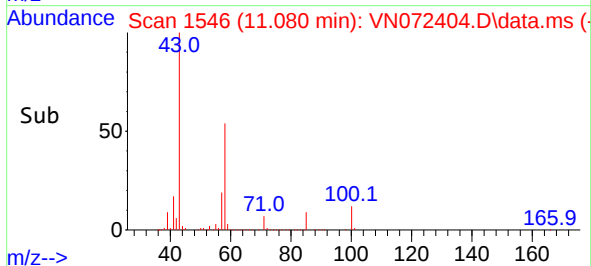
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 794678
Ion Ratio Lower Upper
43 100
58 54.5 29.7 89.1

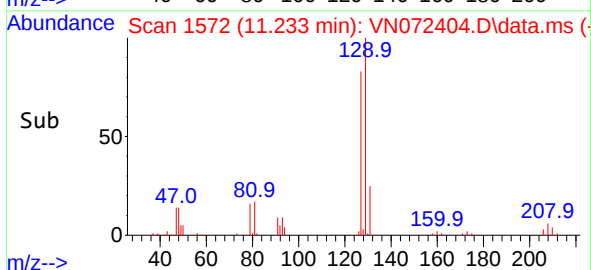
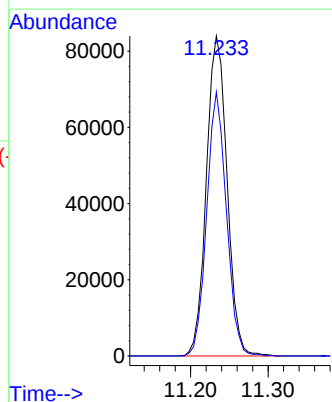
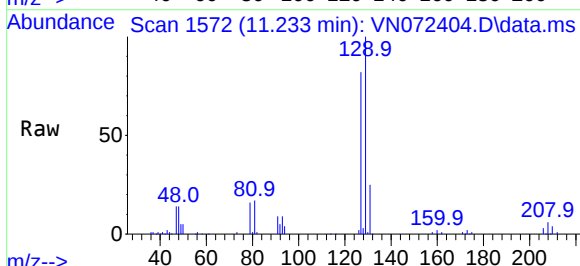
Manual Integrations
APPROVED

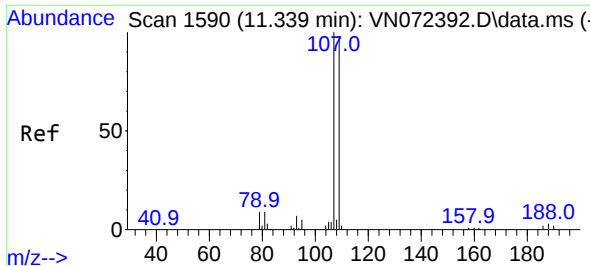
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#60
Dibromochloromethane
Concen: 50.053 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

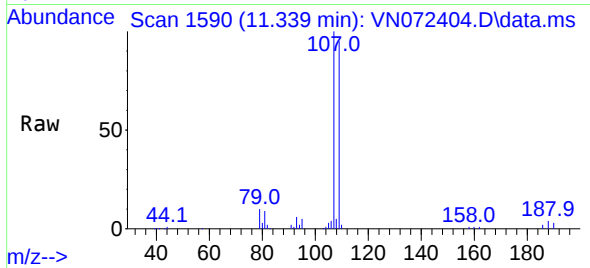
Tgt Ion:129 Resp: 155907
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 49.787 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

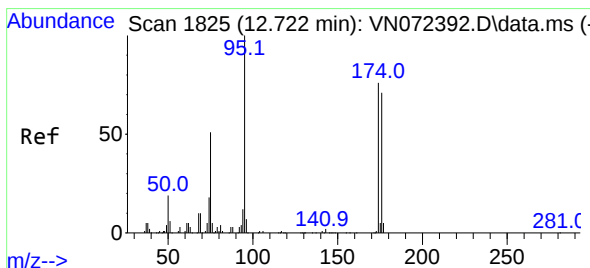
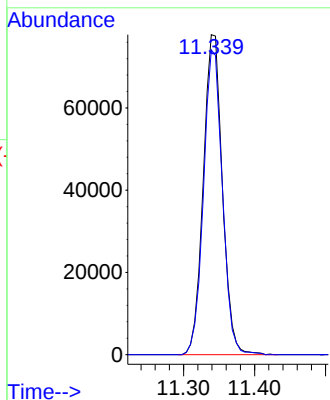
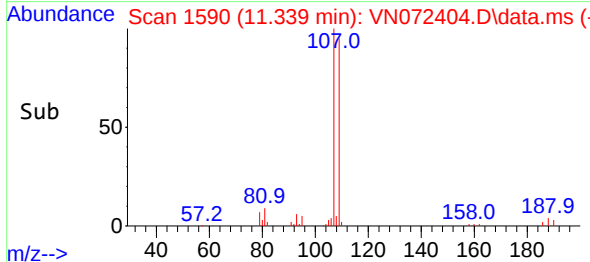
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



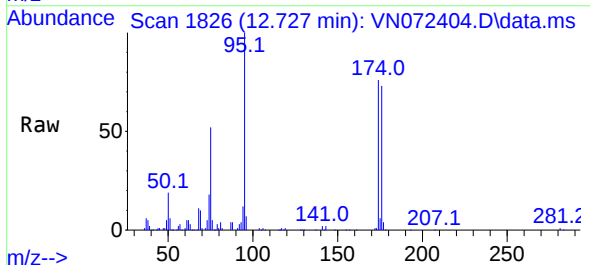
Tgt Ion:107 Resp: 145488
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

Manual Integrations
APPROVED

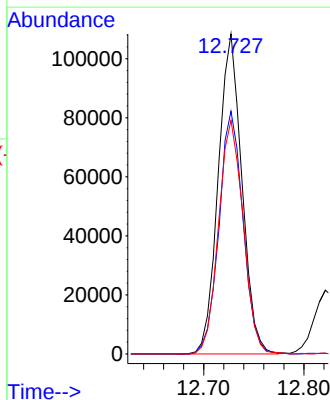
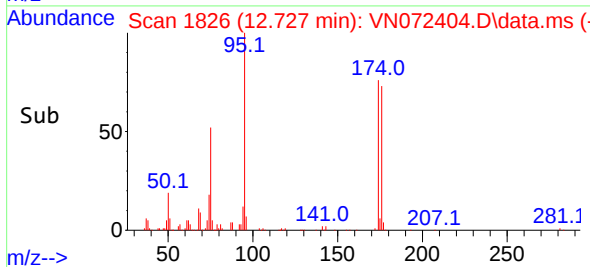
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

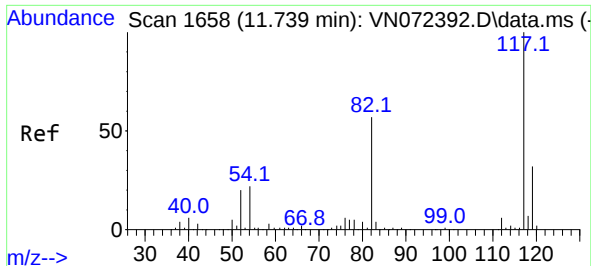


#62
4-Bromofluorobenzene
Concen: 52.728 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



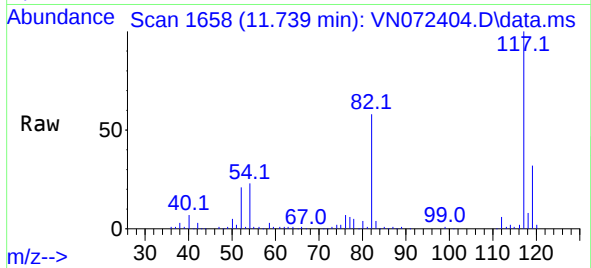
Tgt Ion: 95 Resp: 177428
Ion Ratio Lower Upper
95 100
174 76.9 0.0 167.6
176 75.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

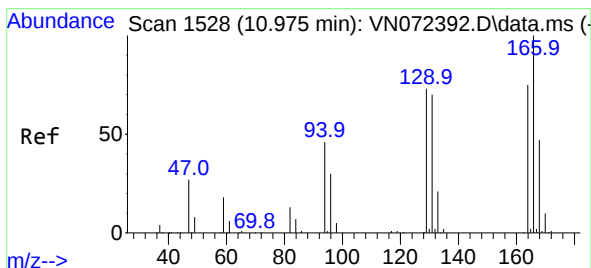
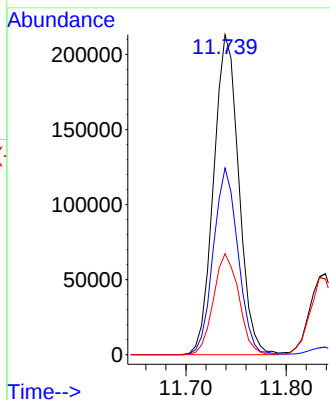
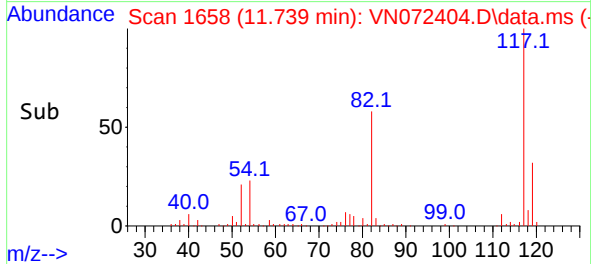
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



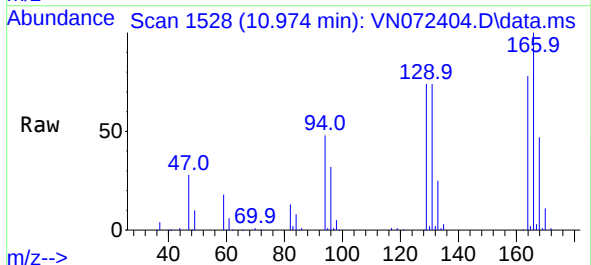
Tgt Ion:117 Resp: 370995
Ion Ratio Lower Upper
117 100
82 58.4 44.2 66.2
119 31.6 25.4 38.0

Manual Integrations
APPROVED

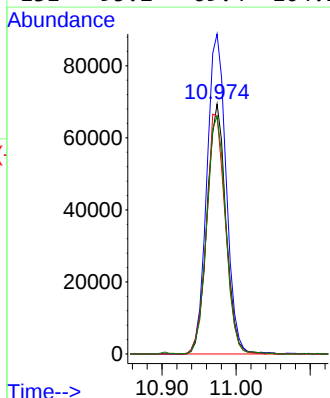
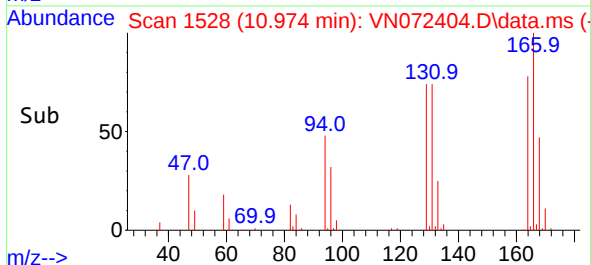
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

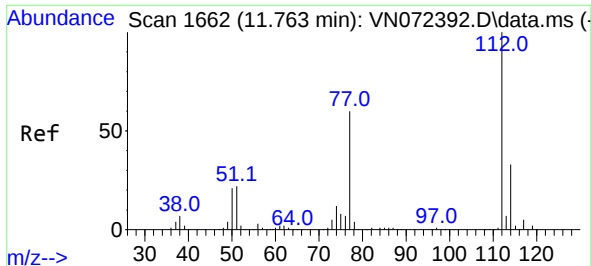


#64
Tetrachloroethene
Concen: 45.927 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion:164 Resp: 122645
Ion Ratio Lower Upper
164 100
166 128.1 104.2 156.2
129 95.2 73.9 110.9
131 95.2 69.4 104.2





#65
Chlorobenzene
Concen: 47.991 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

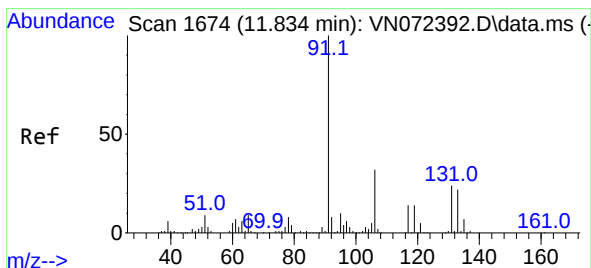
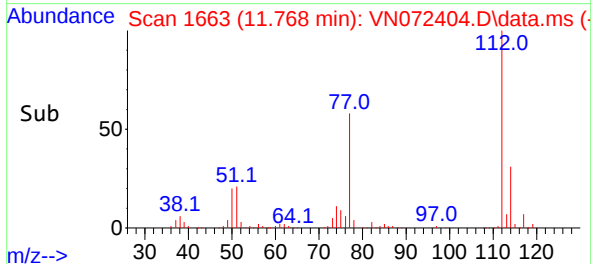
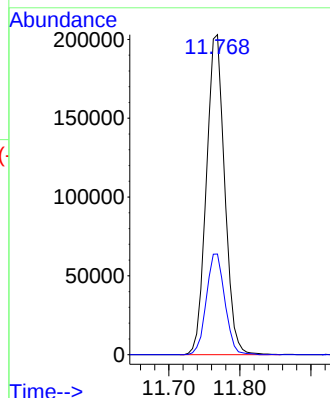
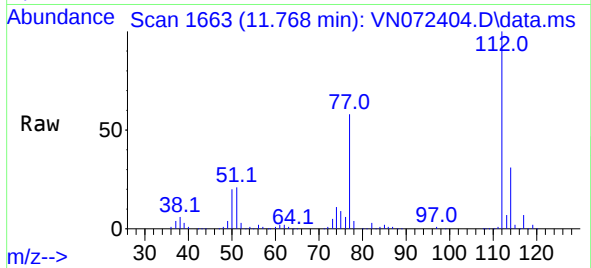
VSTDCCC050EC

Tgt Ion:112 Resp: 36376
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

Manual Integrations

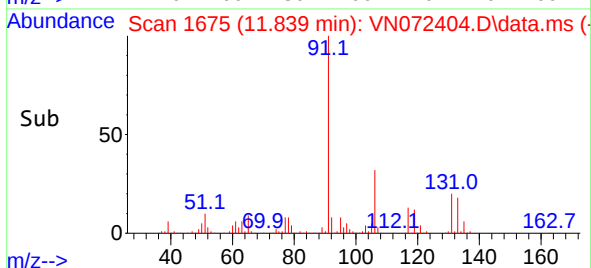
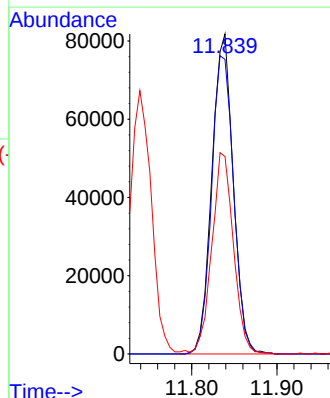
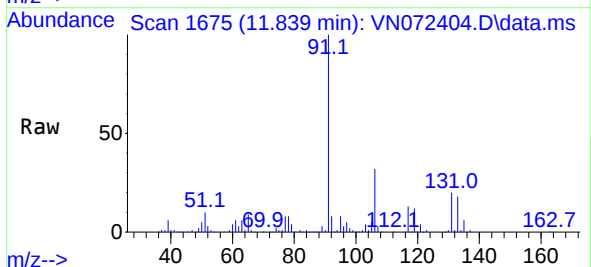
APPROVED

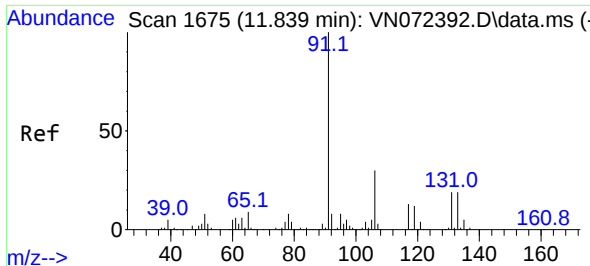
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 47.055 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.005 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

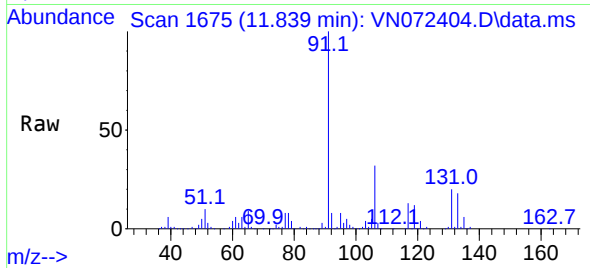
Tgt Ion:131 Resp: 142758
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 63.8 33.4 100.2





#67
Ethyl Benzene
Concen: 52.004 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

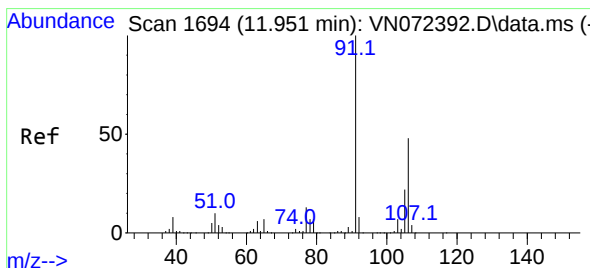
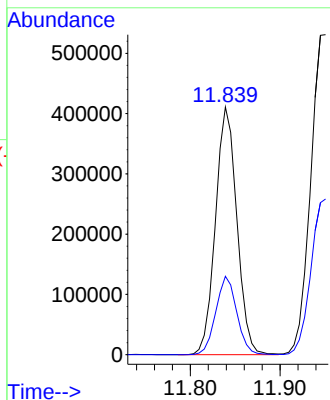
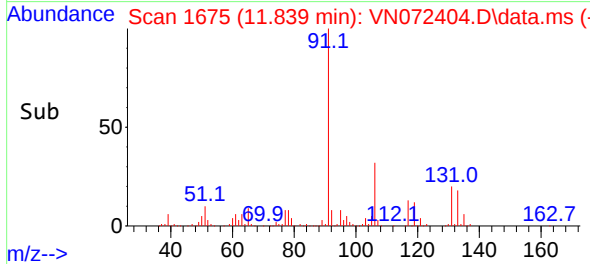
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



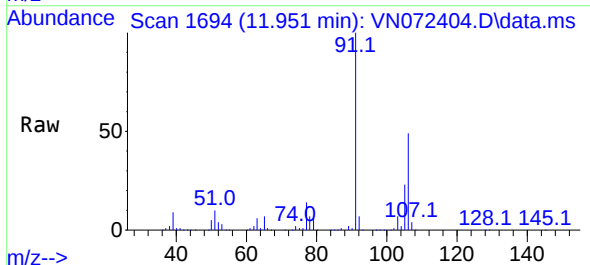
Tgt Ion: 91 Resp: 680098
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

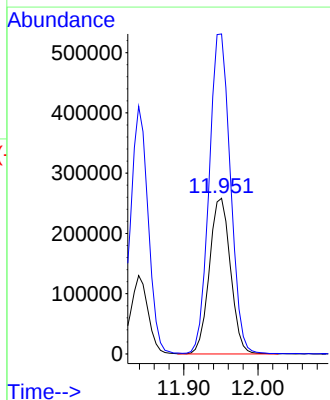
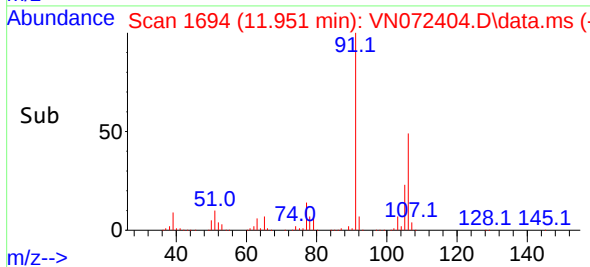
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

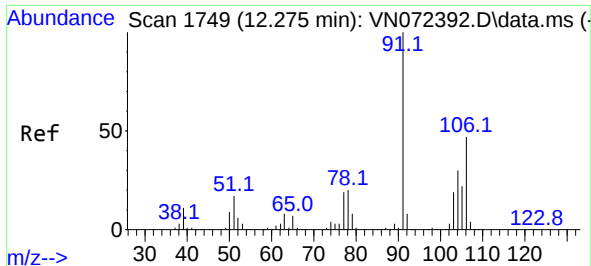


#68
m/p-Xylenes
Concen: 102.853 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion:106 Resp: 510154
Ion Ratio Lower Upper
106 100
91 207.6 158.9 238.3





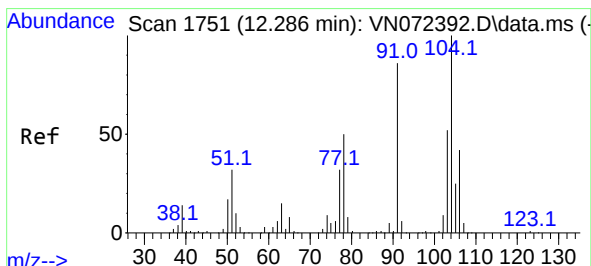
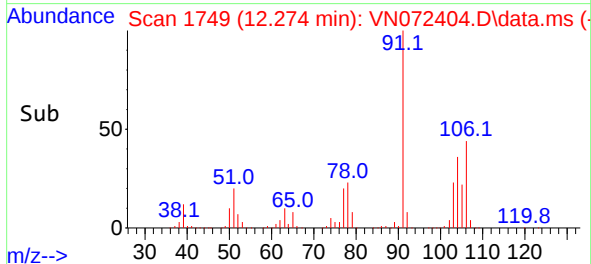
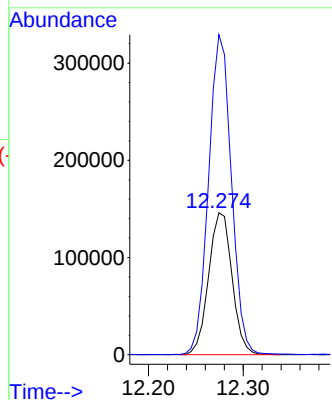
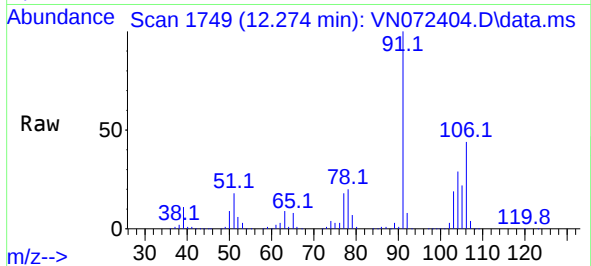
#69
o-Xylene
Concen: 51.567 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 251304
Ion Ratio Lower Upper
106 100
91 220.1 106.0 318.0

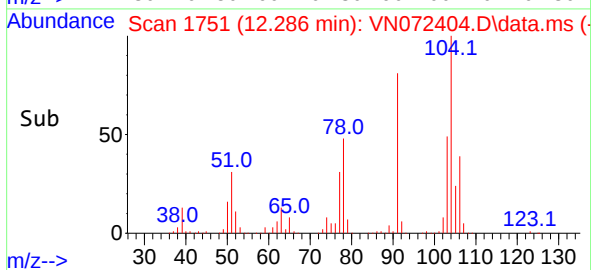
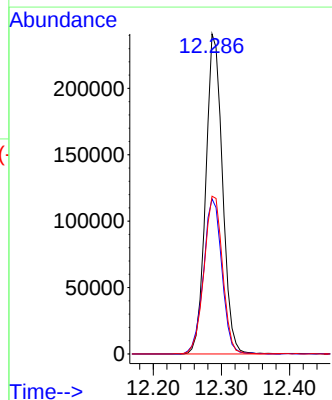
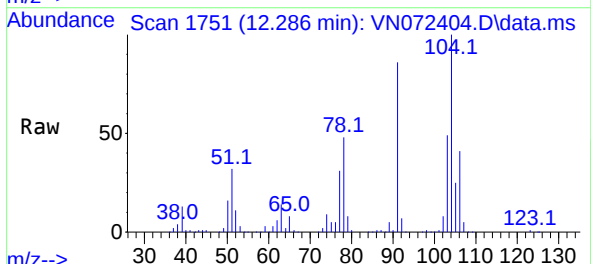
Manual Integrations
APPROVED

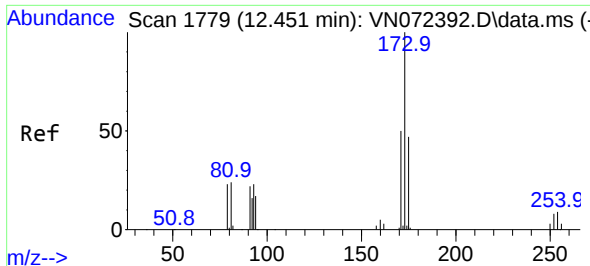
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#70
Styrene
Concen: 55.278 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

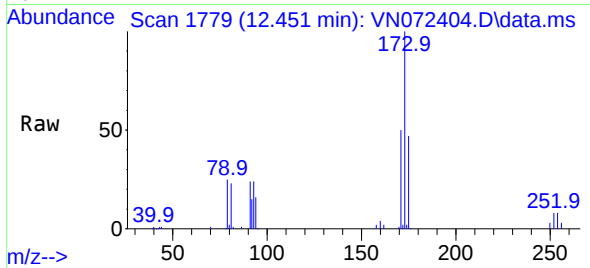
Tgt Ion:104 Resp: 412128
Ion Ratio Lower Upper
104 100
78 53.0 39.5 59.3
103 54.4 44.0 66.0





#71
Bromoform
Concen: 51.920 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

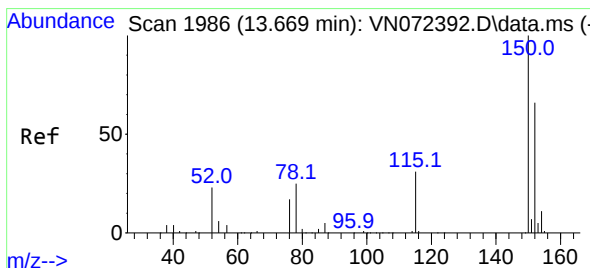
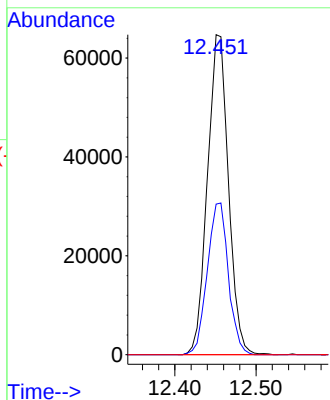
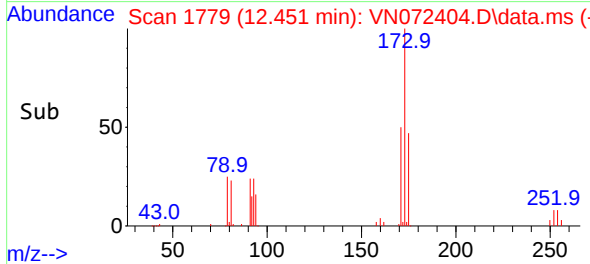
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



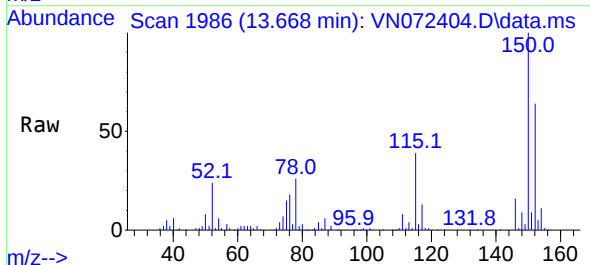
Tgt Ion:173 Resp: 116194
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

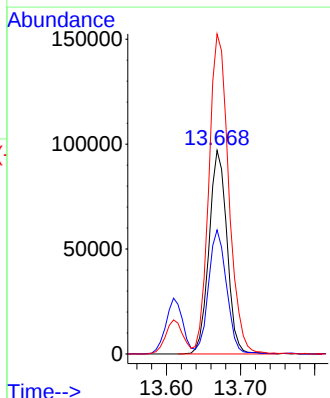
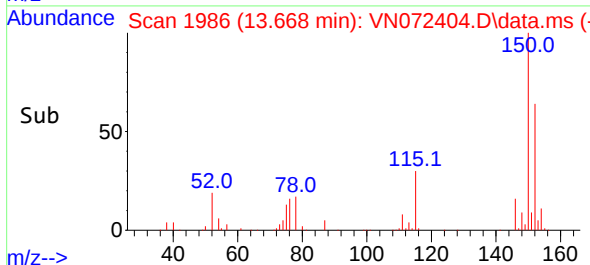
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

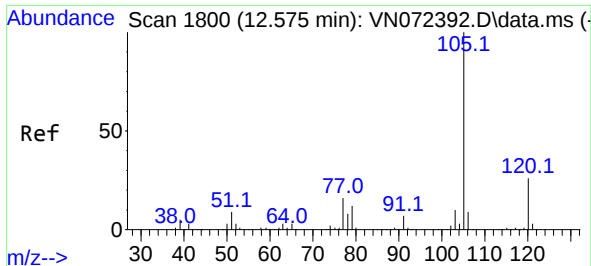


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion:152 Resp: 163315
Ion Ratio Lower Upper
152 100
115 60.5 28.9 86.7
150 173.9 0.0 356.2





#73
Isopropylbenzene
Concen: 49.195 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

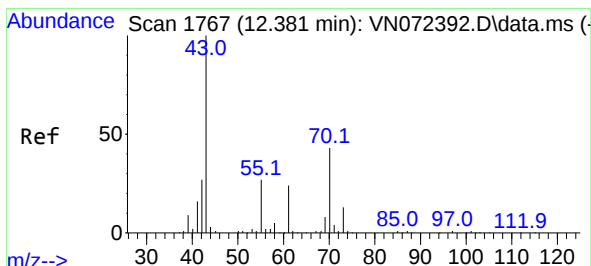
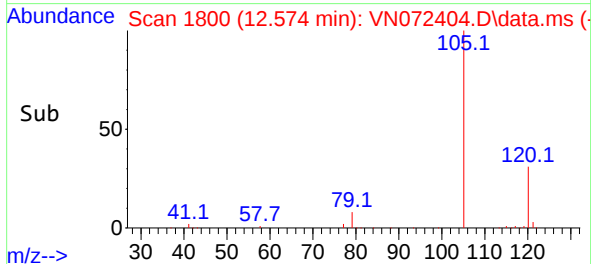
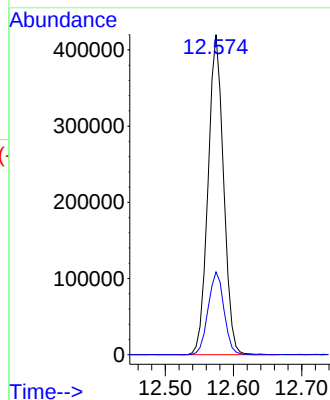
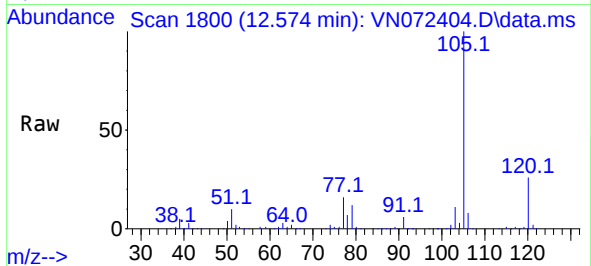
VSTDCCC050EC

Tgt Ion:105 Resp: 66558
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4

Manual Integrations

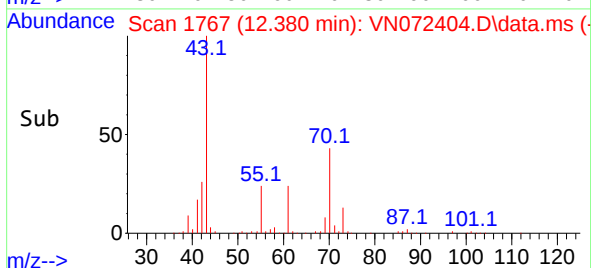
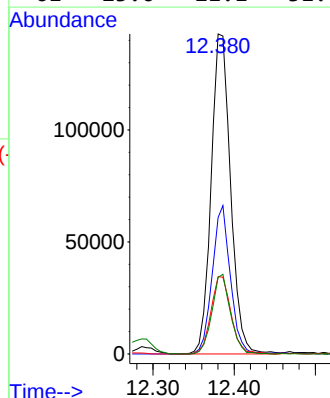
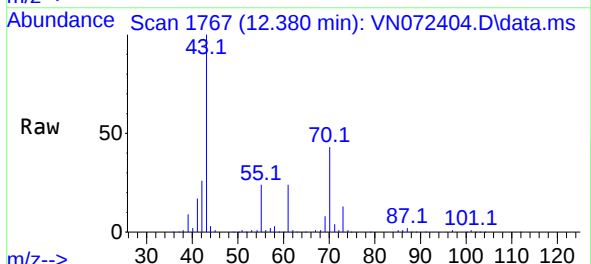
APPROVED

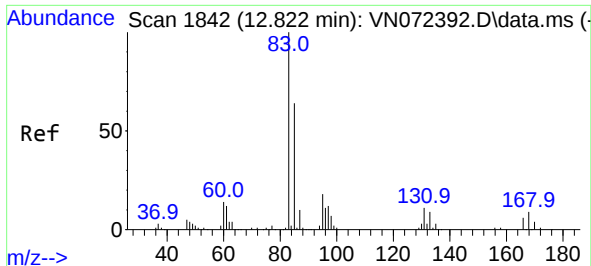
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#74
N-ethyl acetate
Concen: 49.726 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

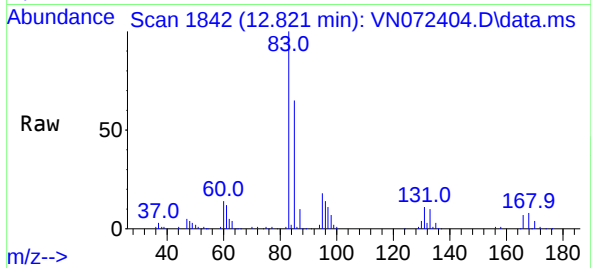
Tgt Ion: 43 Resp: 237800
Ion Ratio Lower Upper
43 100
70 43.2 39.0 58.4
55 25.0 21.1 31.7
61 23.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 42.930 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

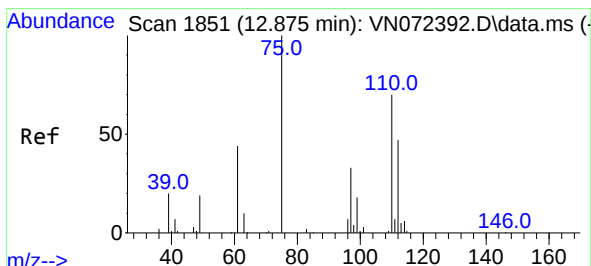
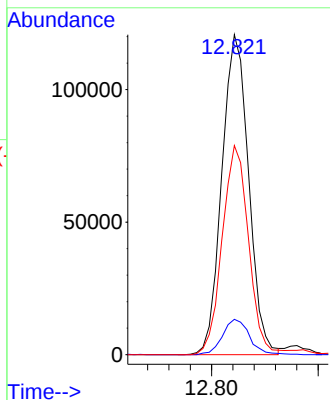
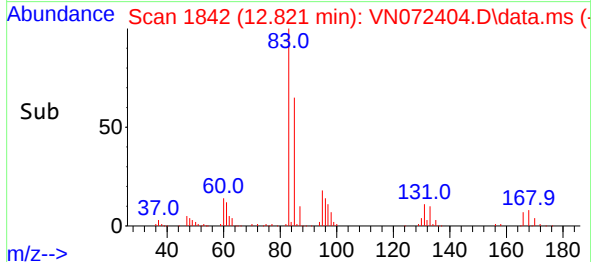
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



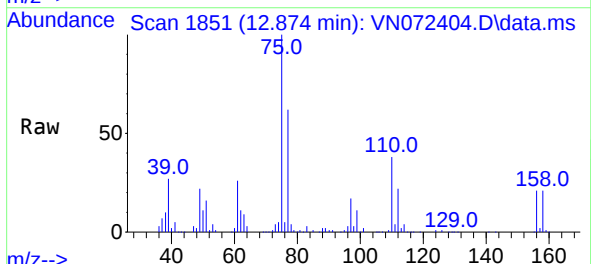
Tgt Ion: 83 Resp: 21086
Ion Ratio Lower Upper
83 100
131 11.1 5.3 15.9
85 64.3 32.3 96.9

Manual Integrations
APPROVED

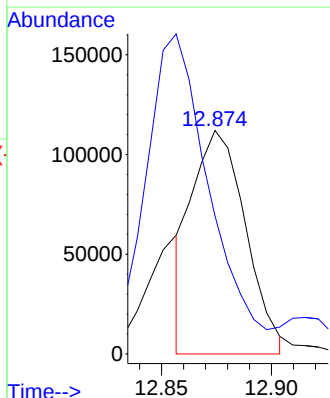
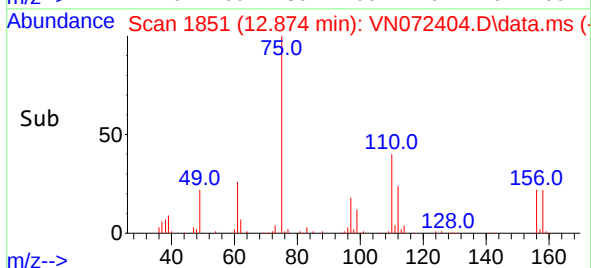
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

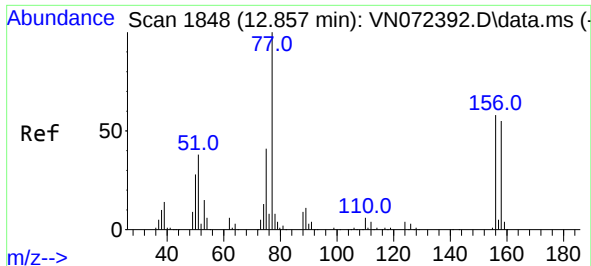


#76
1,2,3-Trichloropropane
Concen: 44.566 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



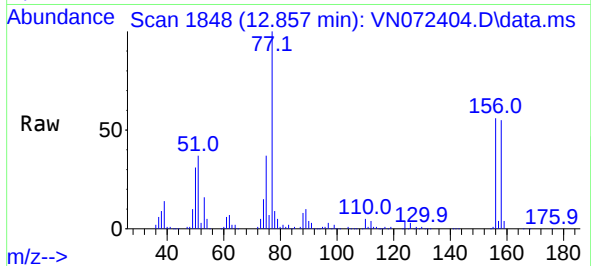
Tgt Ion: 75 Resp: 189834
Ion Ratio Lower Upper
75 100
77 171.4 98.5 295.5





#77
Bromobenzene
Concen: 47.421 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

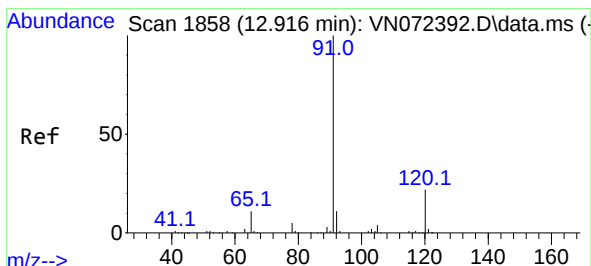
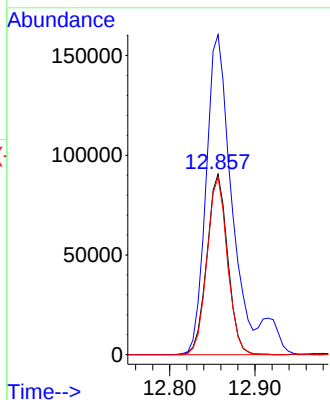
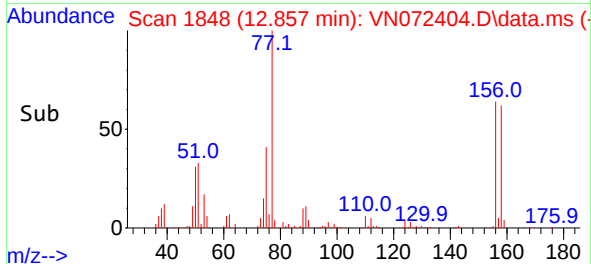
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



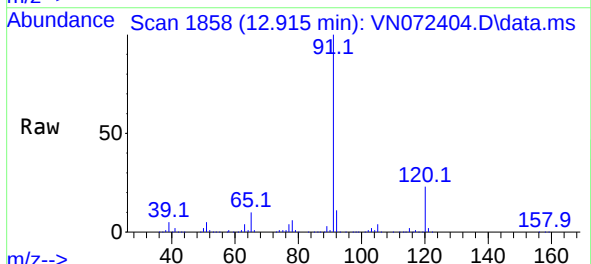
Tgt Ion:156 Resp: 153495
Ion Ratio Lower Upper
156 100
77 212.0 100.5 301.5
158 96.5 48.9 146.6

Manual Integrations
APPROVED

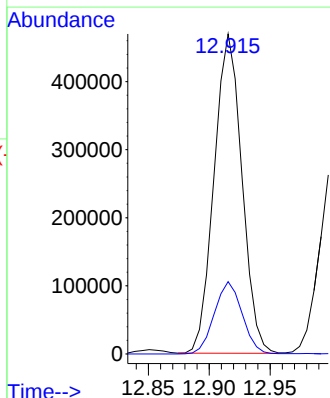
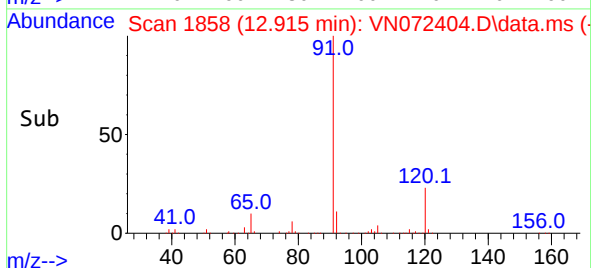
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

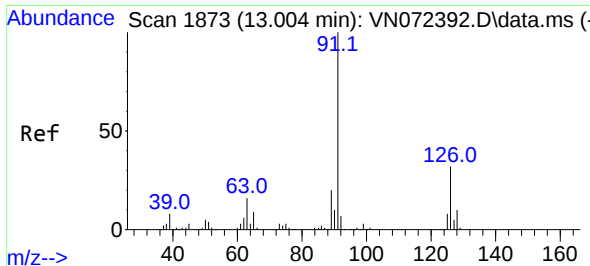


#78
n-propylbenzene
Concen: 51.456 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion: 91 Resp: 744954
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5





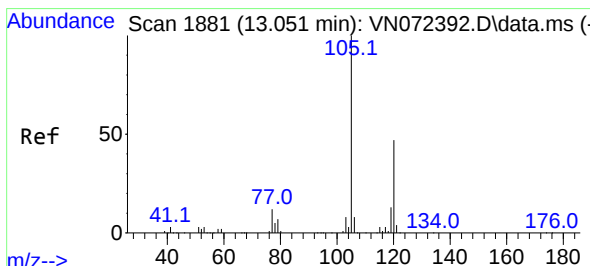
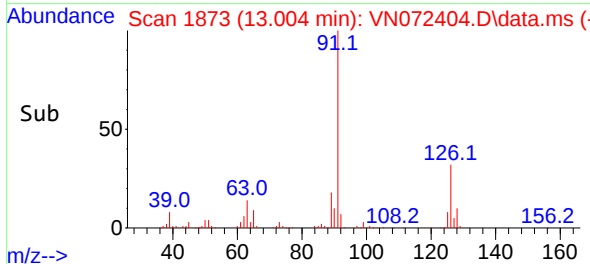
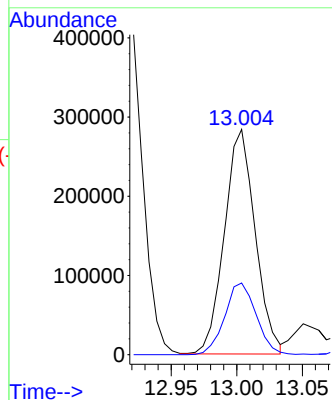
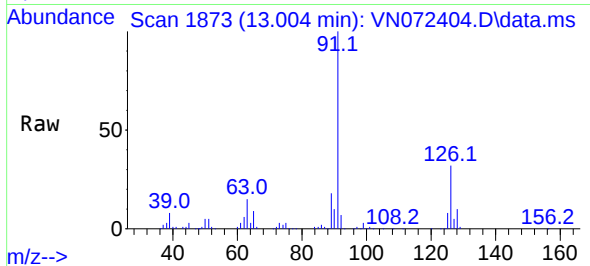
#79
2-Chlorotoluene
Concen: 48.747 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 46362
Ion Ratio Lower Upper
91 100
126 32.7 17.3 51.9

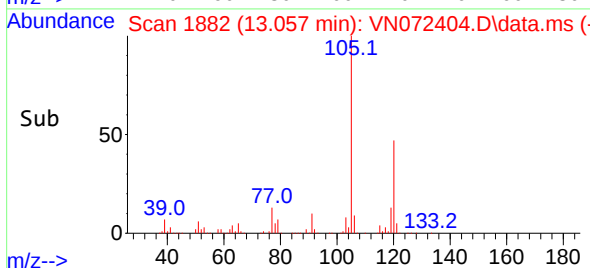
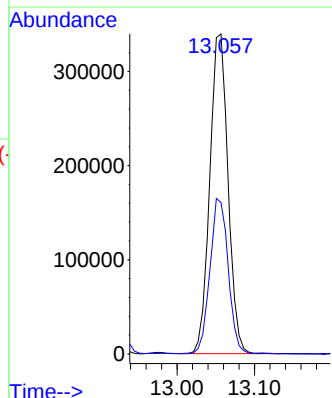
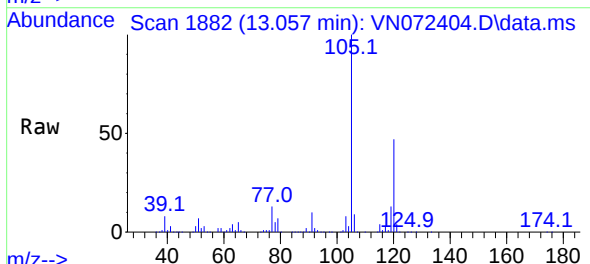
Manual Integrations
APPROVED

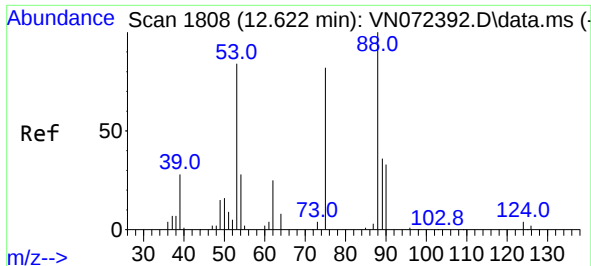
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.232 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

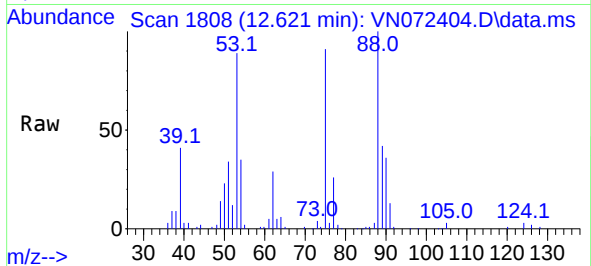
Tgt Ion:105 Resp: 556601
Ion Ratio Lower Upper
105 100
120 48.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.527 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

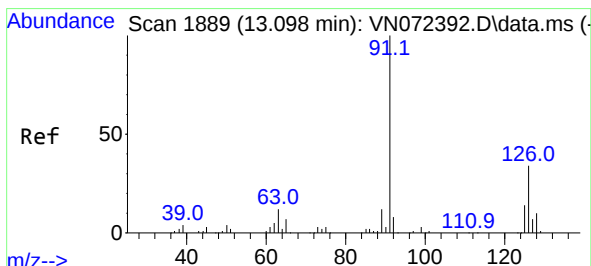
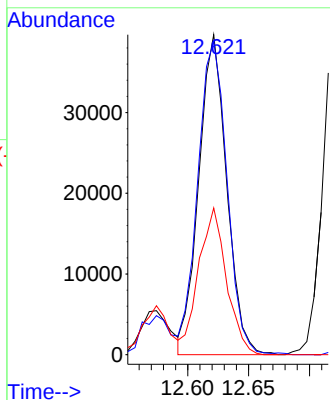
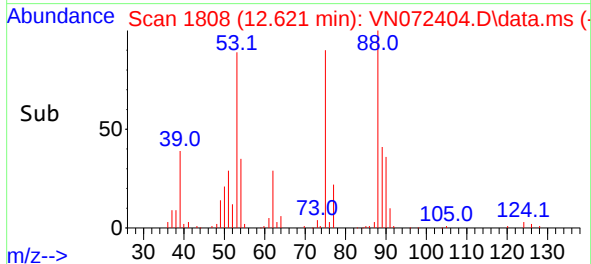
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



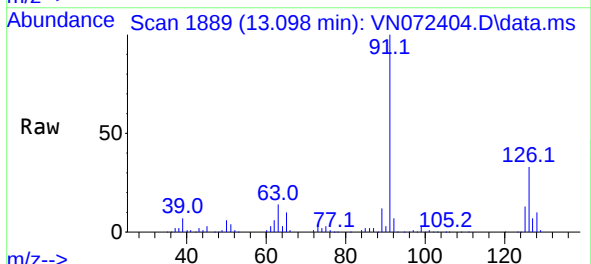
Tgt Ion: 75 Resp: 63238
Ion Ratio Lower Upper
75 100
53 102.5 78.0 117.0
89 46.0 37.2 55.8

Manual Integrations
APPROVED

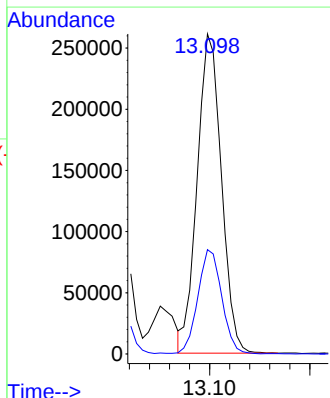
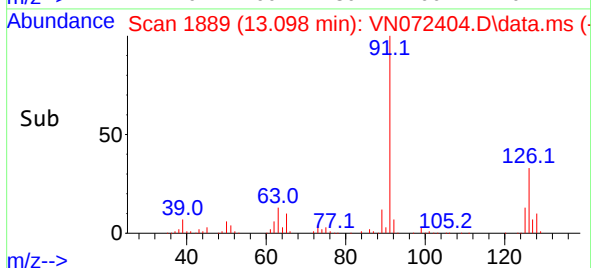
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

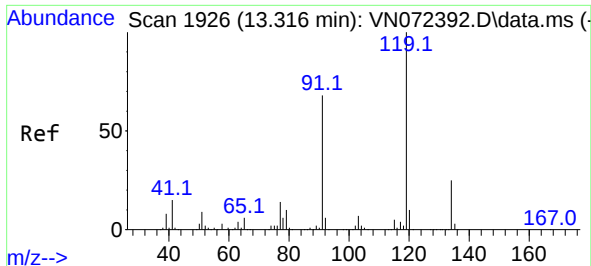


#82
4-Chlorotoluene
Concen: 48.617 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



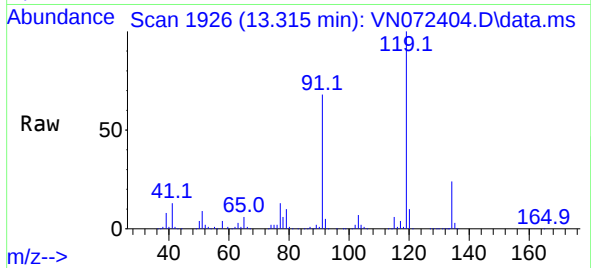
Tgt Ion: 91 Resp: 438206
Ion Ratio Lower Upper
91 100
126 32.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 51.060 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

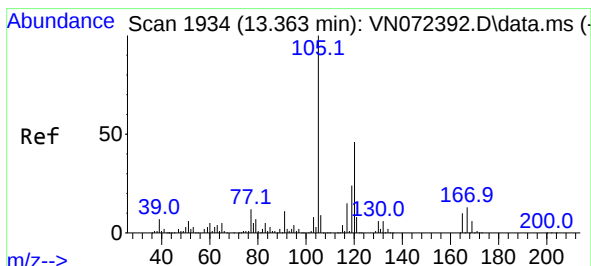
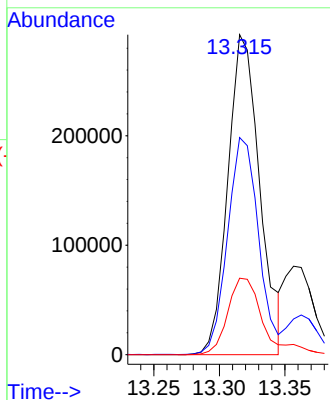
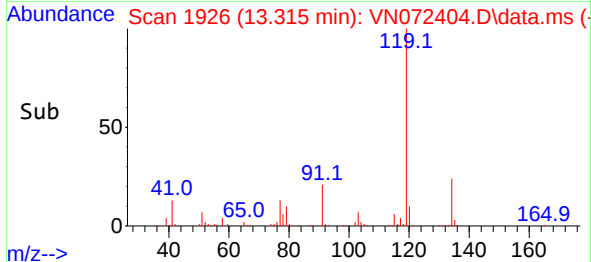
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



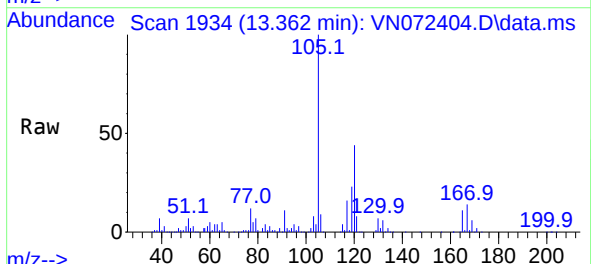
Tgt Ion:119 Resp: 49530
Ion Ratio Lower Upper
119 100
91 65.8 31.6 94.8
134 26.5 13.7 41.1

Manual Integrations
APPROVED

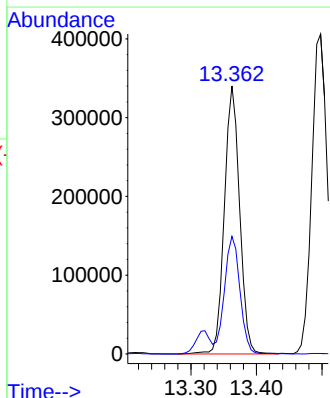
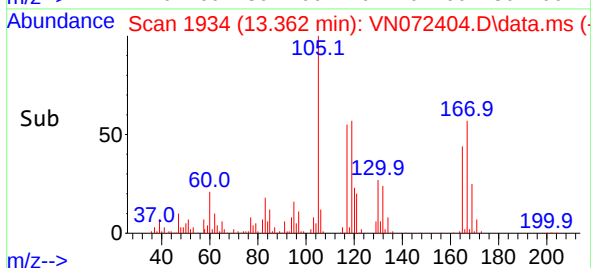
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

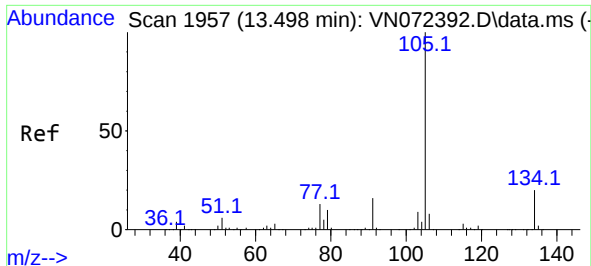


#84
1,2,4-Trimethylbenzene
Concen: 50.818 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



Tgt Ion:105 Resp: 547771
Ion Ratio Lower Upper
105 100
120 44.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 51.897 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072404.D
 Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

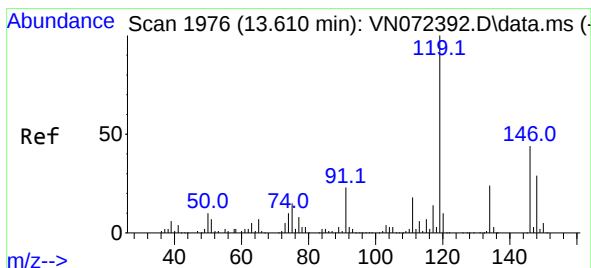
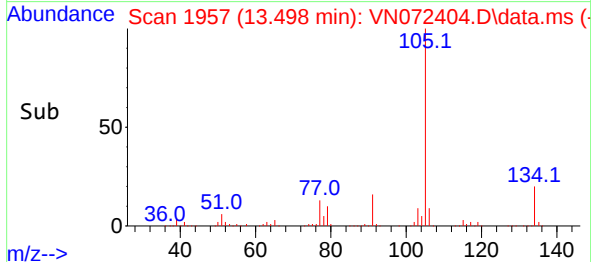
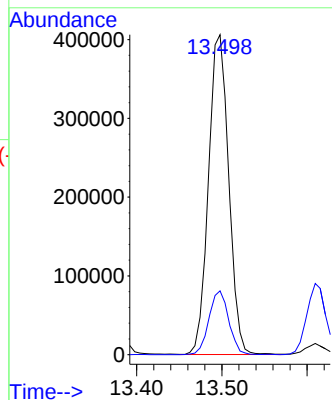
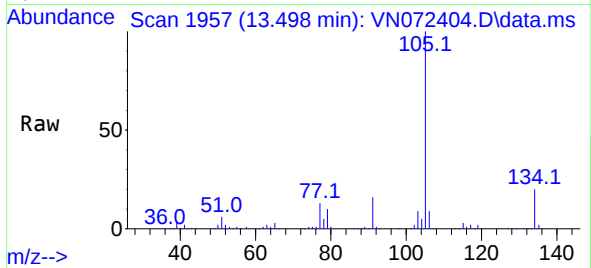
VSTDCCC050EC

Tgt Ion:105 Resp: 67138
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

Manual Integrations

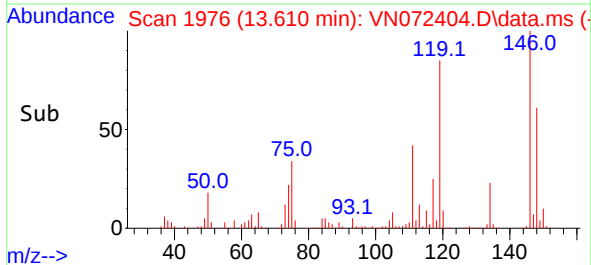
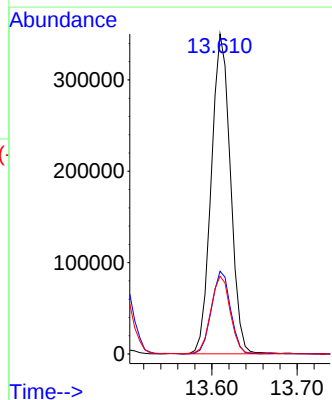
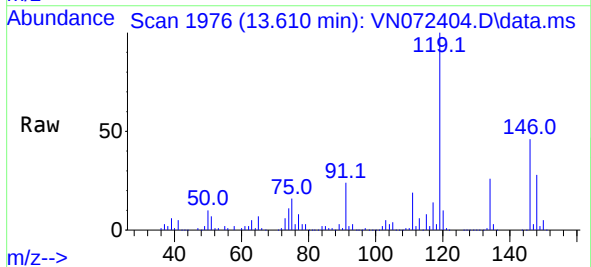
APPROVED

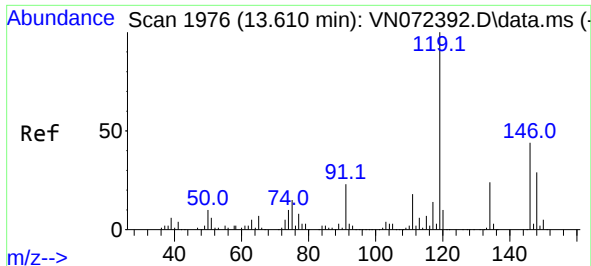
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#86
 p-Isopropyltoluene
 Concen: 54.223 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072404.D
 Acq: 10 May 2022 20:15

Tgt Ion:119 Resp: 546416
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.3 39.8
 91 24.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.953 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072404.D

Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 267689

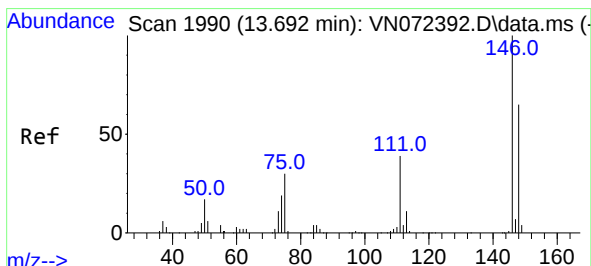
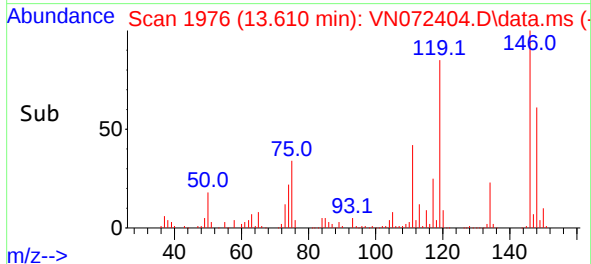
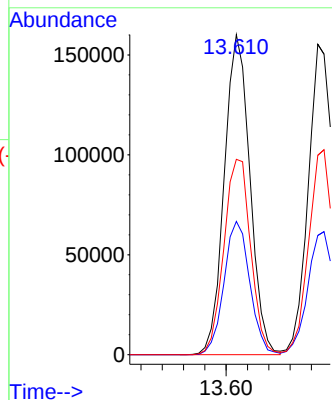
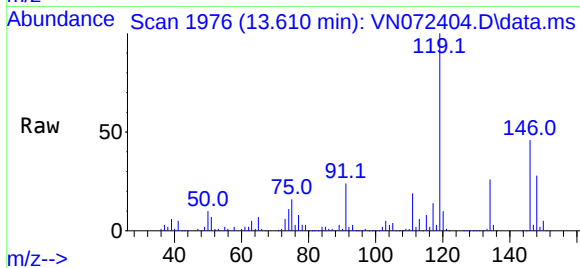
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.0	60.0
148	63.9	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#88

1,4-Dichlorobenzene

Concen: 47.002 ug/l

RT: 13.686 min Scan# 1989

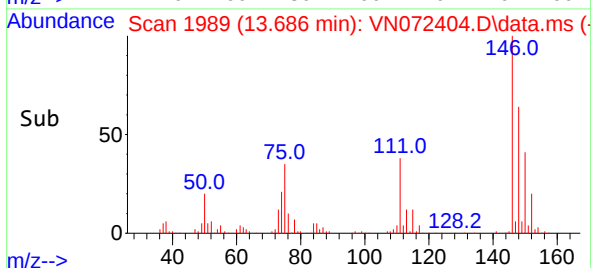
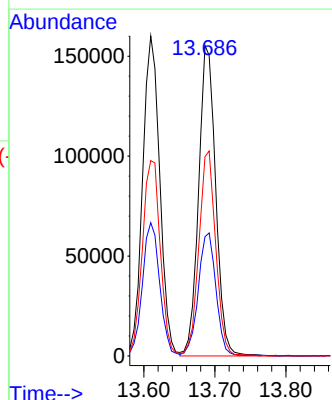
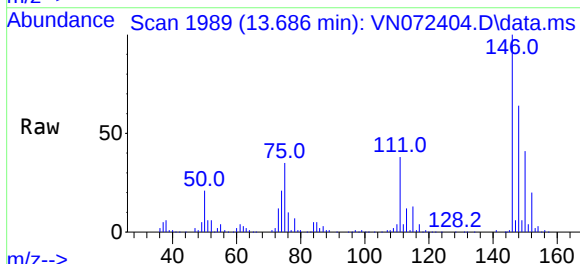
Delta R.T. -0.006 min

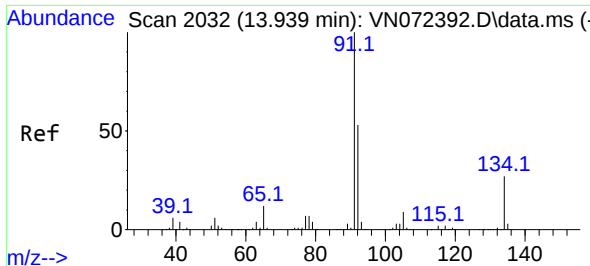
Lab File: VN072404.D

Acq: 10 May 2022 20:15

Tgt Ion:146 Resp: 261024

Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.1	57.1
148	65.2	31.4	94.3





#89
n-Butylbenzene
Concen: 53.668 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

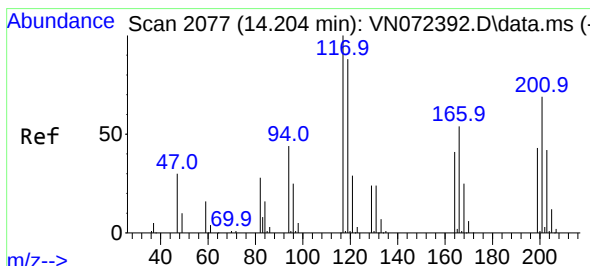
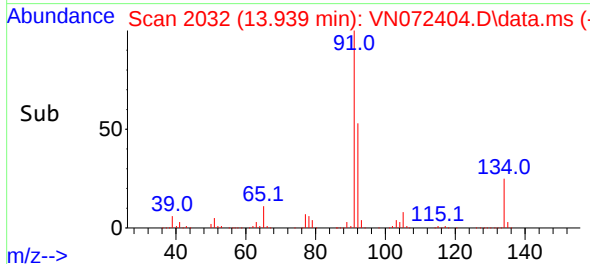
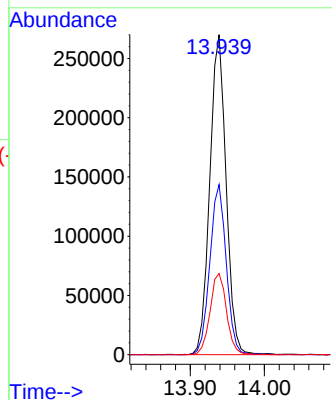
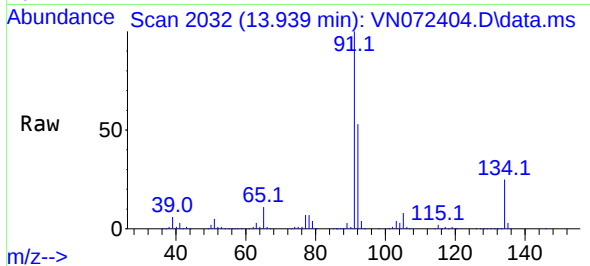
VSTDCCC050EC

Tgt Ion: 91 Resp: 413408
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 25.7 13.6 40.8

Manual Integrations

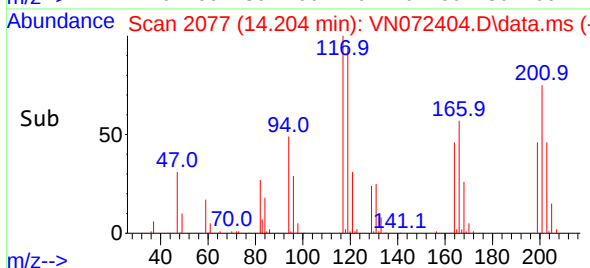
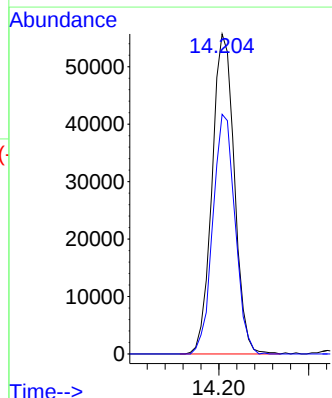
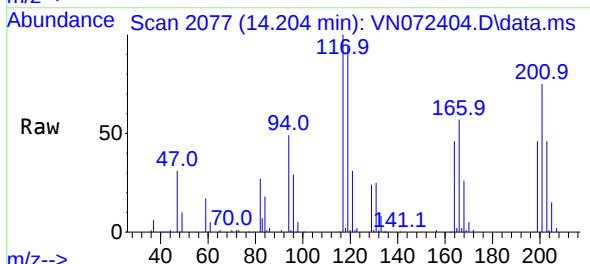
APPROVED

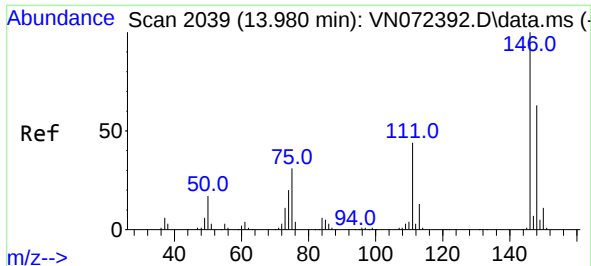
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#90
Hexachloroethane
Concen: 47.644 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Tgt Ion:117 Resp: 95944
Ion Ratio Lower Upper
117 100
201 74.7 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 47.824 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072404.D

Acq: 10 May 2022 20:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 266638

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.8

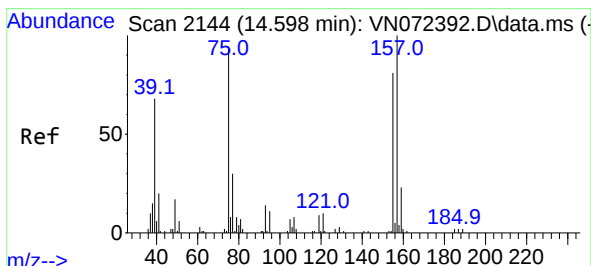
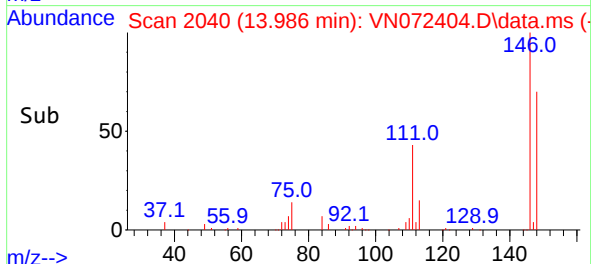
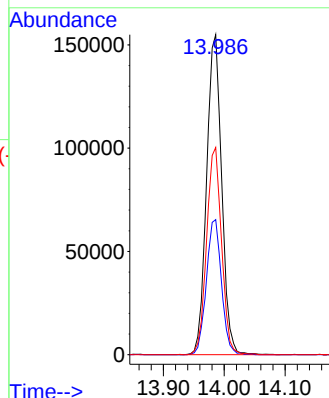
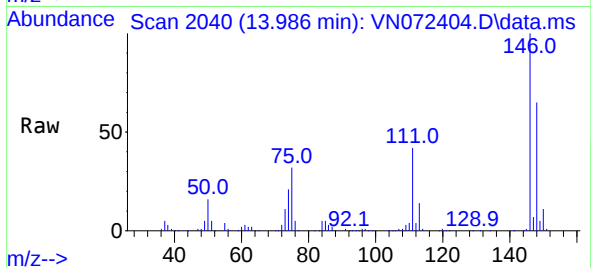
148 64.2 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.078 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072404.D

Acq: 10 May 2022 20:15

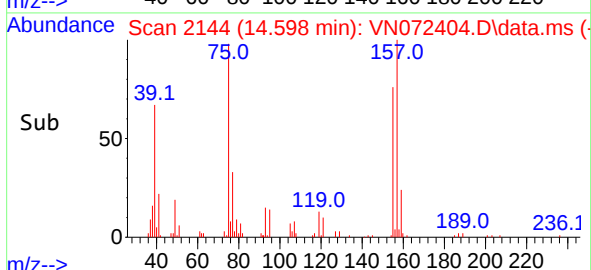
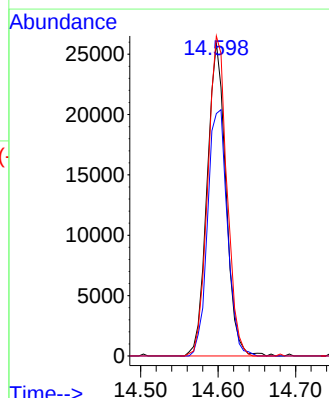
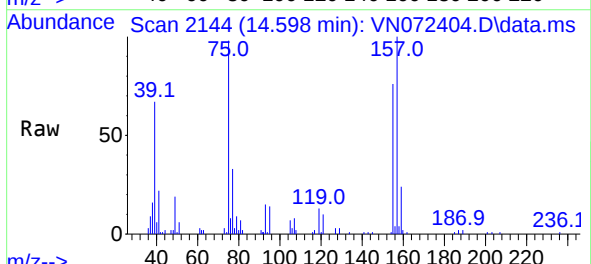
Tgt Ion: 75 Resp: 43626

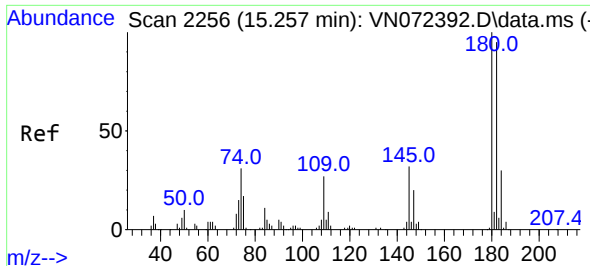
Ion Ratio Lower Upper

75 100

155 82.9 44.9 134.5

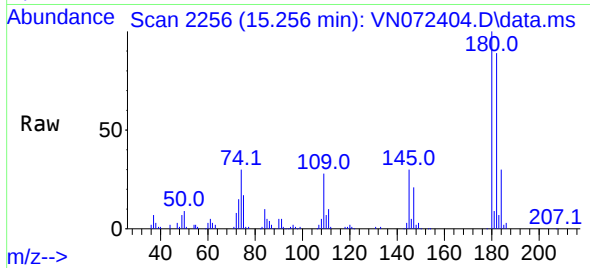
157 103.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 56.025 ug/l
RT: 15.256 min Scan# 211
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

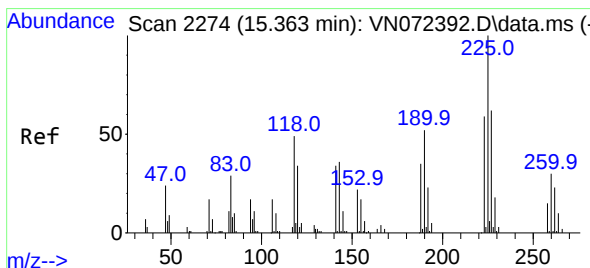
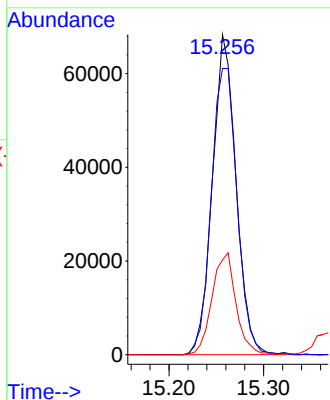
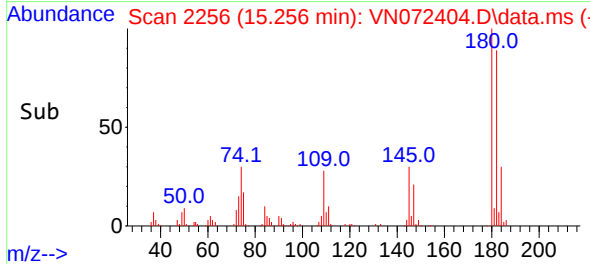
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



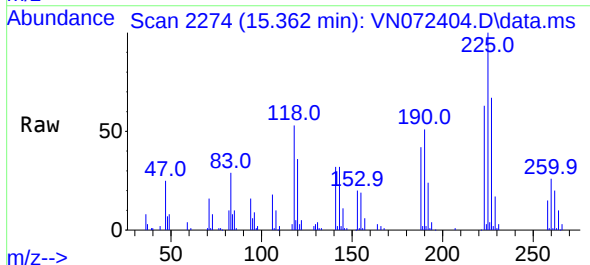
Tgt Ion:180 Resp: 118324
Ion Ratio Lower Upper
180 100
182 97.7 47.5 142.5
145 32.2 14.5 43.5

Manual Integrations
APPROVED

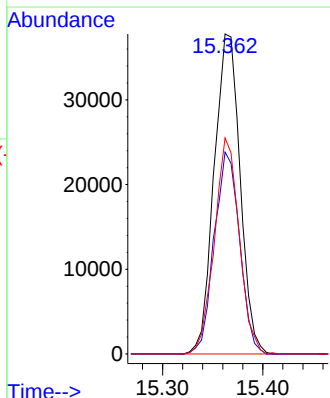
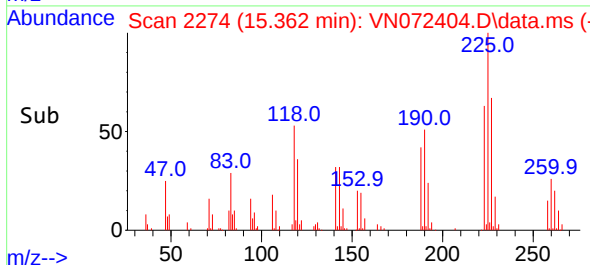
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

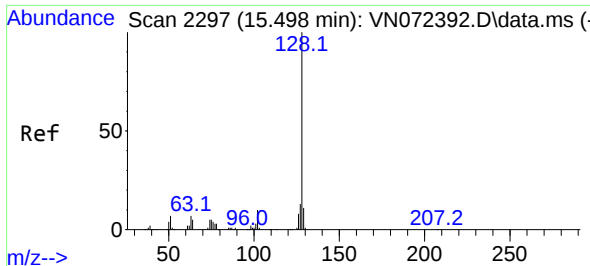


#94
Hexachlorobutadiene
Concen: 48.587 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15



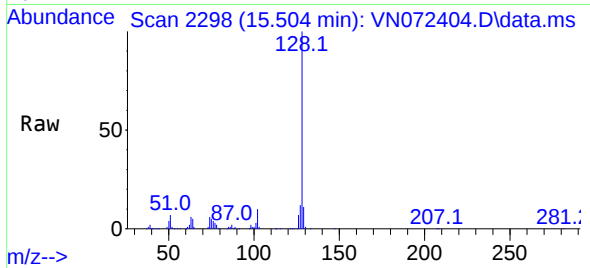
Tgt Ion:225 Resp: 67942
Ion Ratio Lower Upper
225 100
223 61.6 32.4 97.2
227 64.4 31.8 95.4





#95
Naphthalene
Concen: 49.445 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

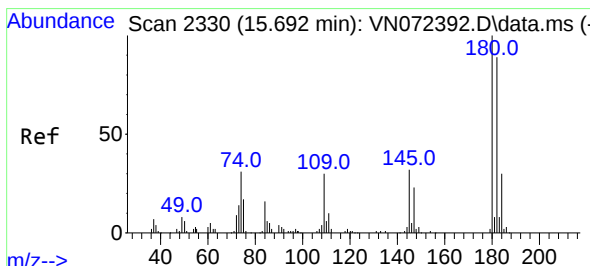
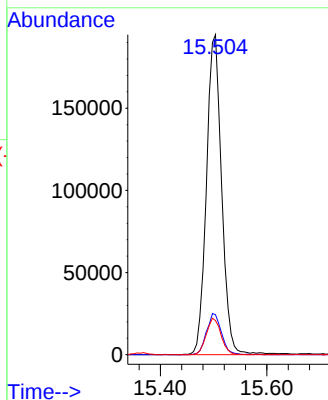
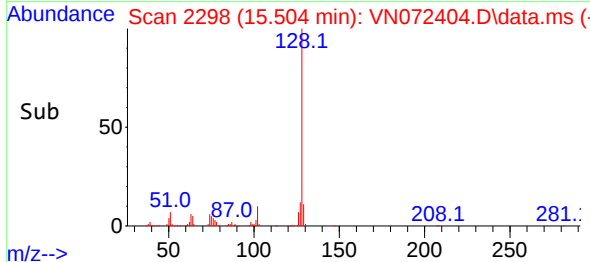
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 385648
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 57.652 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072404.D
Acq: 10 May 2022 20:15

Tgt Ion:180 Resp: 122021
Ion Ratio Lower Upper
180 100
182 95.3 47.8 143.3
145 33.5 15.5 46.5

