

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072097.D
 Acq On : 20 Apr 2022 23:53
 Operator : JC\MD
 Sample : VN0420WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD02

Quant Time: Apr 21 08:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	476600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	737858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	665106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	268767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	262389	48.225	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.440%		
35) Dibromofluoromethane	8.022	113	232266	53.494	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.980%		
50) Toluene-d8	10.439	98	897836	50.549	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.100%		
62) 4-Bromofluorobenzene	12.727	95	291524	50.749	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	96325	25.422	ug/l	99
3) Chloromethane	2.298	50	105002	21.869	ug/l	98
4) Vinyl Chloride	2.440	62	110947	21.042	ug/l	98
5) Bromomethane	2.845	94	76136	22.213	ug/l	95
6) Chloroethane	3.010	64	69001	18.191	ug/l	93
7) Trichlorofluoromethane	3.375	101	147298	21.958	ug/l	95
8) Diethyl Ether	3.828	74	62425	22.019	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	90162	21.810	ug/l	95
10) Methyl Iodide	4.422	142	128058	22.160	ug/l	99
11) Tert butyl alcohol	5.369	59	107186	121.392	ug/l	98
12) 1,1-Dichloroethene	4.181	96	85261	21.674	ug/l	99
13) Acrolein	4.045	56	42192	39.190	ug/l	97
14) Allyl chloride	4.839	41	131590	20.609	ug/l	95
15) Acrylonitrile	5.551	53	295518	115.144	ug/l	98
16) Acetone	4.287	43	223883	96.283	ug/l	96
17) Carbon Disulfide	4.534	76	200214	22.182	ug/l	97
18) Methyl Acetate	4.851	43	130981	21.896	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	318878	21.819	ug/l	99
20) Methylene Chloride	5.098	84	107112	21.855	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	92755	21.478	ug/l	98
22) Diisopropyl ether	6.492	45	295708	21.274	ug/l	97
23) Vinyl Acetate	6.433	43	1235852	111.805	ug/l	99
24) 1,1-Dichloroethane	6.386	63	174845	21.427	ug/l	98
25) 2-Butanone	7.328	43	372360	111.081	ug/l	98
26) 2,2-Dichloropropane	7.322	77	129469	18.469	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	116704	22.038	ug/l	94
28) Bromochloromethane	7.657	49	71353	21.676	ug/l	95
29) Tetrahydrofuran	7.680	42	244844	112.802	ug/l	97
30) Chloroform	7.816	83	185290	21.504	ug/l	98
31) Cyclohexane	8.092	56	157535	21.290	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	159050	21.577	ug/l	98
36) 1,1-Dichloropropene	8.222	75	131036	21.611	ug/l	99
37) Ethyl Acetate	7.410	43	145927	21.989	ug/l	95
38) Carbon Tetrachloride	8.204	117	137220	23.092	ug/l	96
39) Methylcyclohexane	9.457	83	160862	22.288	ug/l	99
40) Benzene	8.457	78	425031	22.191	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	73311	22.561	ug/l	95
42) 1,2-Dichloroethane	8.527	62	138956	20.972	ug/l	97
43) Isopropyl Acetate	8.557	43	233568	21.160	ug/l	99
44) Trichloroethene	9.210	130	111925	22.682	ug/l	98
45) 1,2-Dichloropropane	9.486	63	104276	21.793	ug/l	100
46) Dibromomethane	9.574	93	73277	22.555	ug/l	97
47) Bromodichloromethane	9.757	83	142824	22.333	ug/l	97
48) Methyl methacrylate	9.557	41	104111	22.733	ug/l	93
49) 1,4-Dioxane	9.563	88	50704	459.217	ug/l	96
51) 4-Methyl-2-Pentanone	10.327	43	730926	115.170	ug/l	97
52) Toluene	10.504	92	278742	23.022	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	146018	21.786	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	163011	22.012	ug/l	92
55) 1,1,2-Trichloroethane	10.898	97	112282	22.533	ug/l	97
56) Ethyl methacrylate	10.757	69	164021	23.074	ug/l	93
57) 1,3-Dichloropropane	11.039	76	186262	22.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	194014	99.603	ug/l	99
59) 2-Hexanone	11.080	43	524100	117.294	ug/l	96
60) Dibromochloromethane	11.233	129	112773	23.211	ug/l	99
61) 1,2-Dibromoethane	11.339	107	112706	22.978	ug/l	99
64) Tetrachloroethene	10.974	164	98682	22.469	ug/l	99
65) Chlorobenzene	11.768	112	298069	22.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	107272	22.322	ug/l	98
67) Ethyl Benzene	11.839	91	499637	22.162	ug/l	99
68) m/p-Xylenes	11.951	106	394454	45.536	ug/l	98
69) o-Xylene	12.274	106	197715	22.995	ug/l	96
70) Styrene	12.292	104	308447	23.677	ug/l	98
71) Bromoform	12.457	173	88641	24.221	ug/l #	100
73) Isopropylbenzene	12.574	105	492184	21.732	ug/l	99
74) N-amyl acetate	12.380	43	143469	22.109	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	165248	21.868	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	143059m	22.977	ug/l	
77) Bromobenzene	12.857	156	122237	21.530	ug/l	95
78) n-propylbenzene	12.915	91	514377	21.591	ug/l	100
79) 2-Chlorotoluene	13.004	91	332217	21.744	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	407078	22.685	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	41802	20.806	ug/l	97
82) 4-Chlorotoluene	13.098	91	303794	21.451	ug/l	99
83) tert-Butylbenzene	13.315	119	362112	22.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	395088	22.566	ug/l	99
85) sec-Butylbenzene	13.498	105	469726	22.090	ug/l	99
86) p-Isopropyltoluene	13.609	119	381064	22.476	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	194808	21.537	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	190438	21.581	ug/l	99
89) n-Butylbenzene	13.939	91	256663	20.411	ug/l	99
90) Hexachloroethane	14.209	117	68283	22.001	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	196664	22.147	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	27115	23.133	ug/l	96
93) 1,2,4-Trichlorobenzene	15.256	180	90576	22.378	ug/l	100
94) Hexachlorobutadiene	15.362	225	54771	20.913	ug/l	98
95) Naphthalene	15.503	128	254815	23.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	91121	23.343	ug/l	98

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02

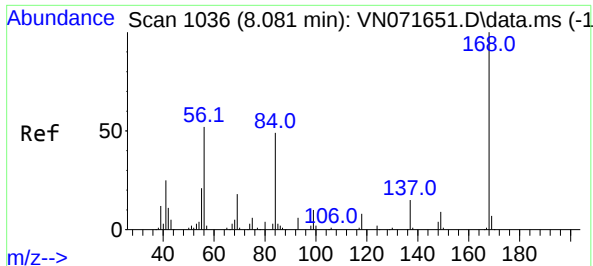
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 04/21/2022

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

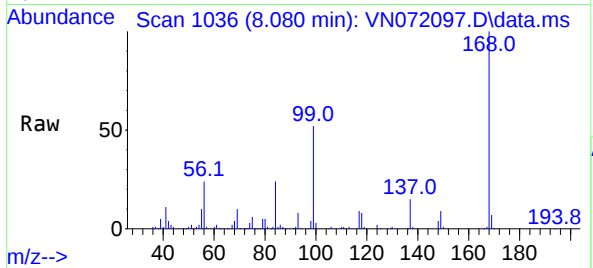
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072097.D
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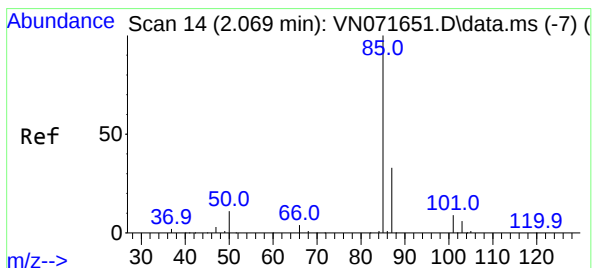
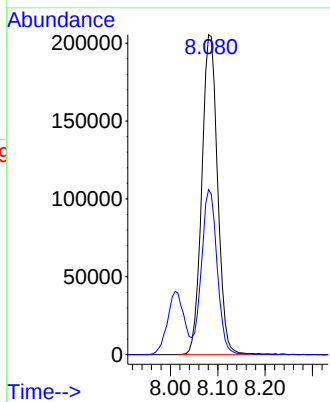
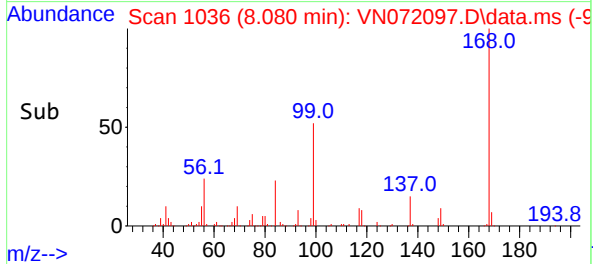
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



Tgt Ion:168 Resp: 476600
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5

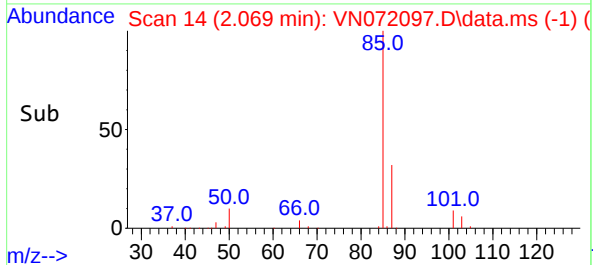
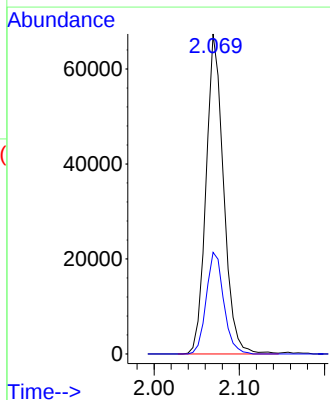
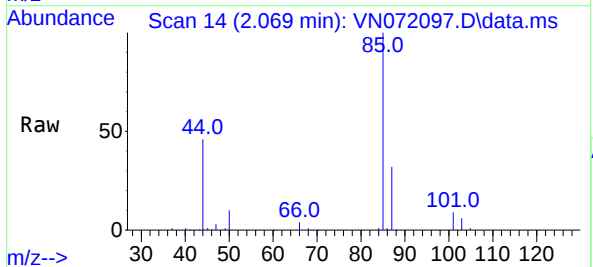
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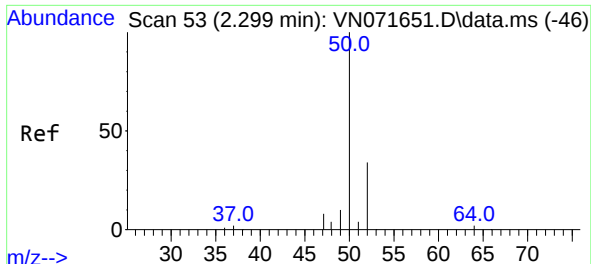
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#2
Dichlorodifluoromethane
Concen: 25.422 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Tgt Ion: 85 Resp: 96325
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.1





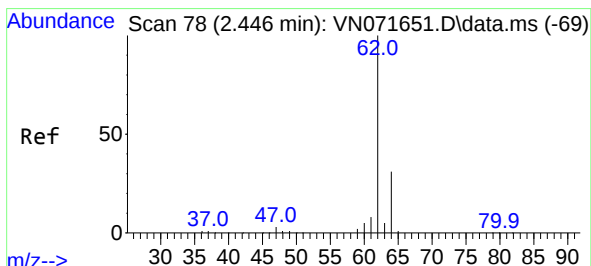
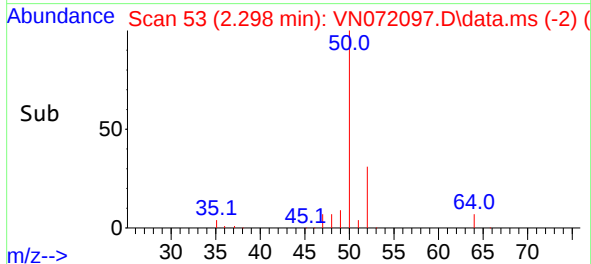
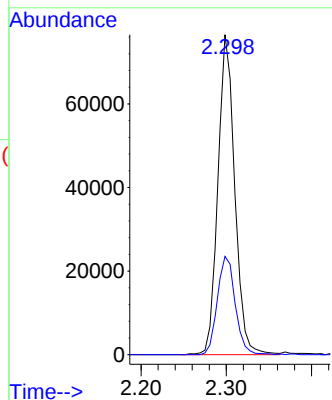
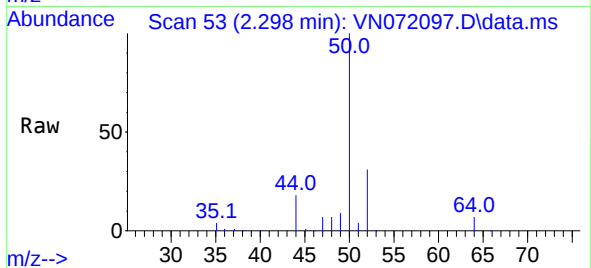
#3
Chloromethane
Concen: 21.869 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Instrument :
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Tgt Ion: 50 Resp: 10500
Ion Ratio Lower Upper
50 100
52 30.7 25.7 38.5

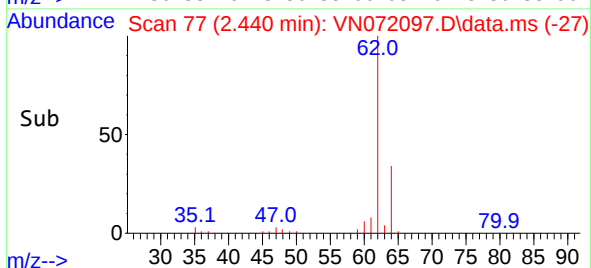
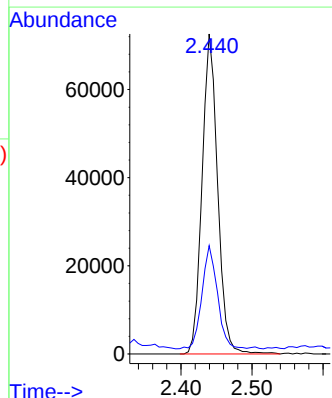
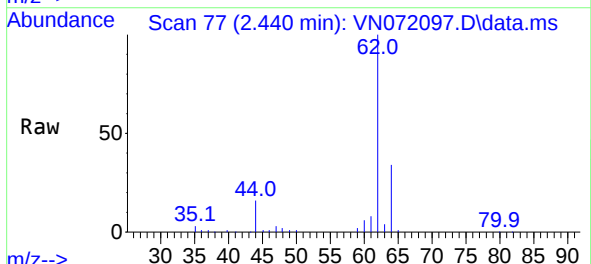
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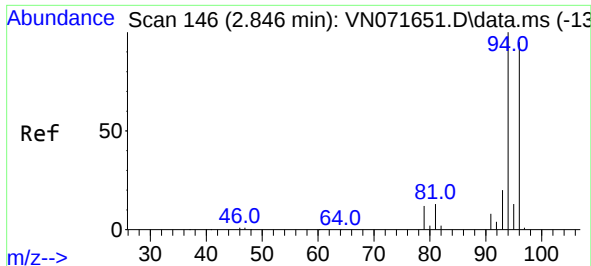
Reviewed By :John Carlone 04/21/2022
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#4
Vinyl Chloride
Concen: 21.042 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

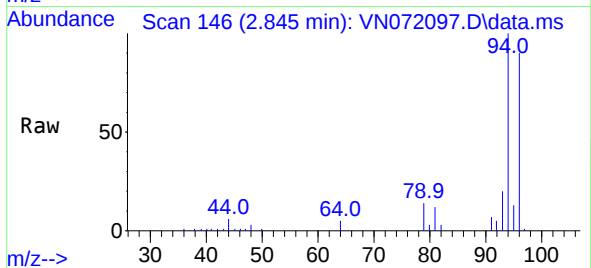
Tgt Ion: 62 Resp: 110947
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.4





#5
Bromomethane
Concen: 22.213 ug/l
RT: 2.845 min Scan# 146
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

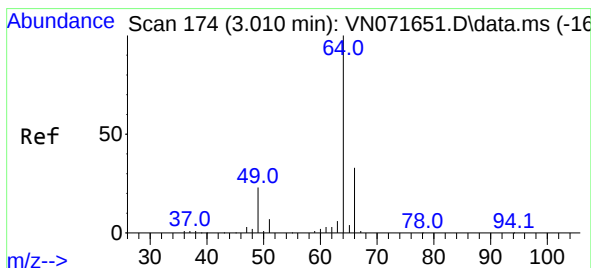
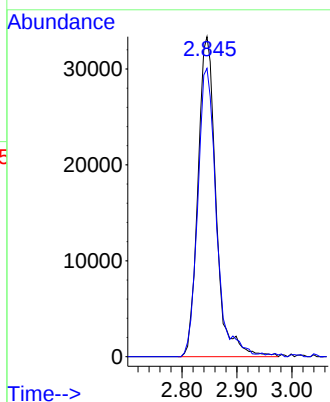
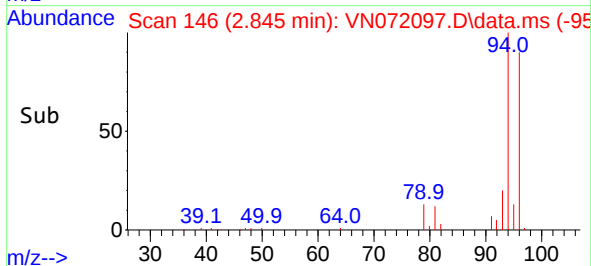
Instrument :
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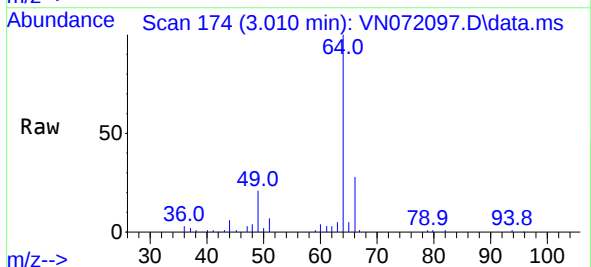
Tgt Ion: 94 Resp: 76130
Ion Ratio Lower Upper
94 100
96 90.1 76.0 114.0

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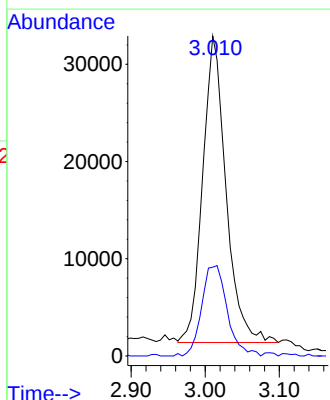
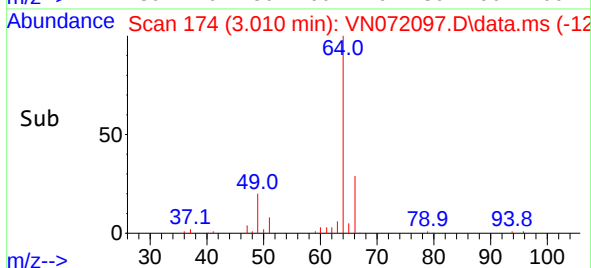
Reviewed By :John Carlone 04/21/2022
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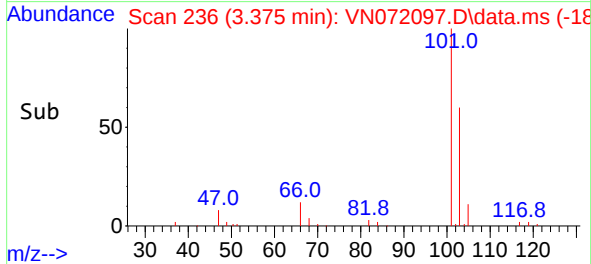
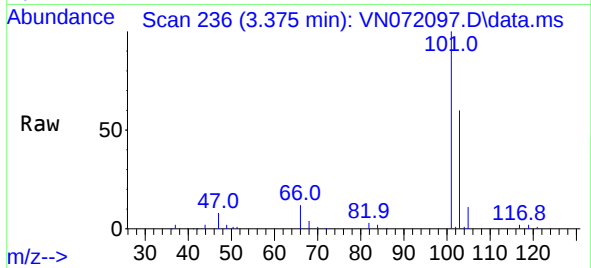
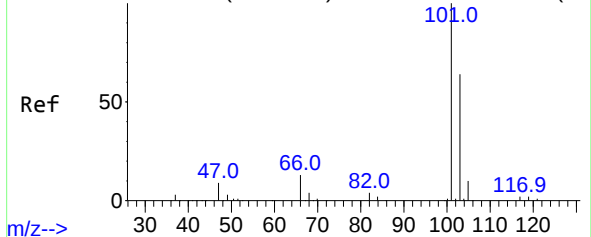
#6
Chloroethane
Concen: 18.191 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



Tgt Ion: 64 Resp: 69001
Ion Ratio Lower Upper
64 100
66 29.0 26.2 39.4



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



#7

Trichlorofluoromethane

Concen: 21.958 ug/l

RT: 3.375 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072097.D

Acq: 20 Apr 2022 23:53

Tgt Ion:101 Resp: 147298

Ion Ratio Lower Upper

101 100

103 60.5 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

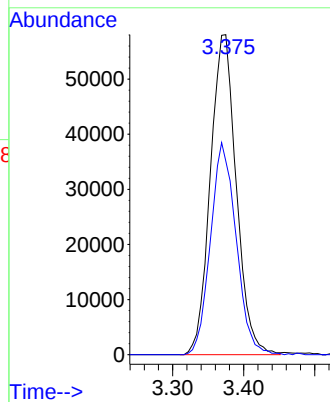
VN0420WBSD02

Manual Integrations

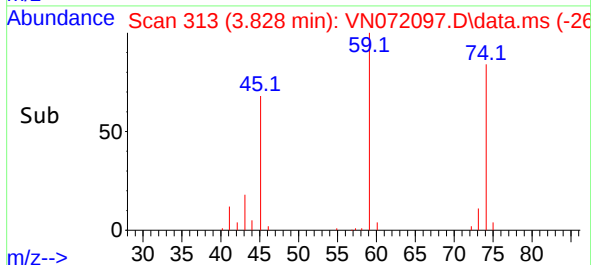
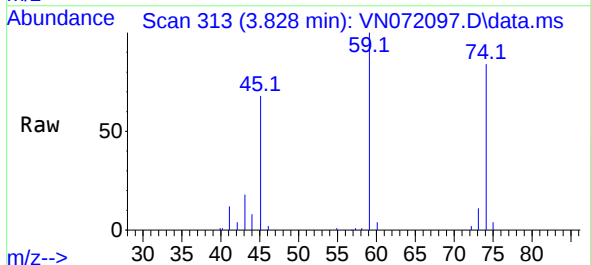
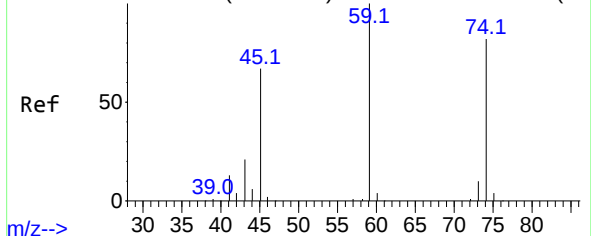
APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



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



#8

Diethyl Ether

Concen: 22.019 ug/l

RT: 3.828 min Scan# 313

Delta R.T. -0.000 min

Lab File: VN072097.D

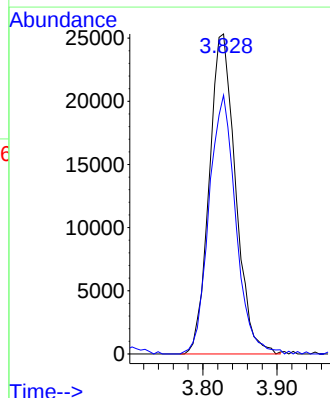
Acq: 20 Apr 2022 23:53

Tgt Ion: 74 Resp: 62425

Ion Ratio Lower Upper

74 100

45 82.6 42.9 128.5





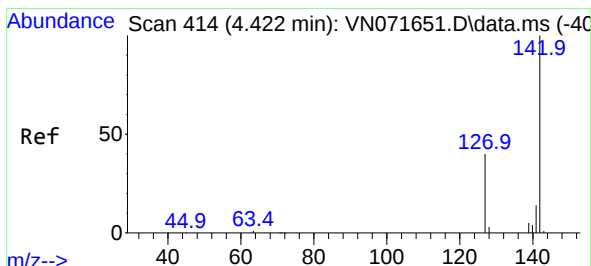
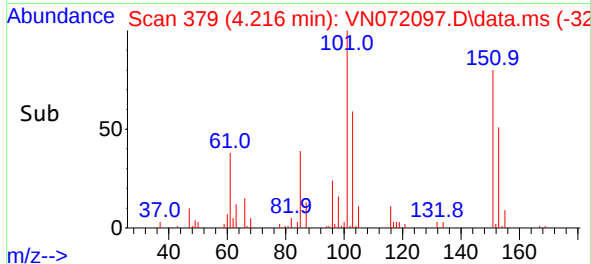
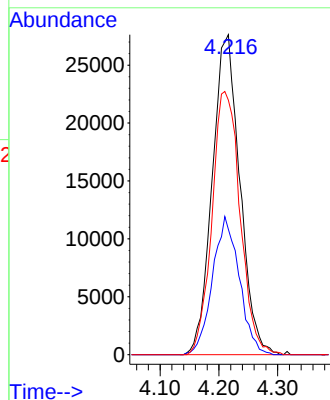
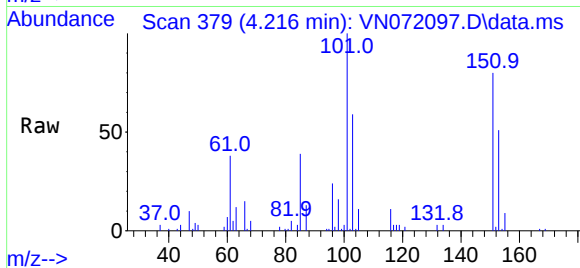
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.810 ug/l
RT: 4.216 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02

Tgt Ion:101 Resp: 90162
Ion Ratio Lower Upper
101 100
85 41.9 34.7 52.1
151 83.8 63.0 94.4

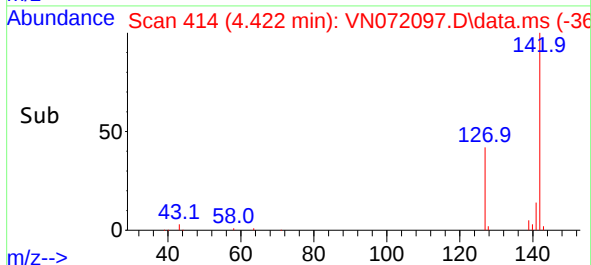
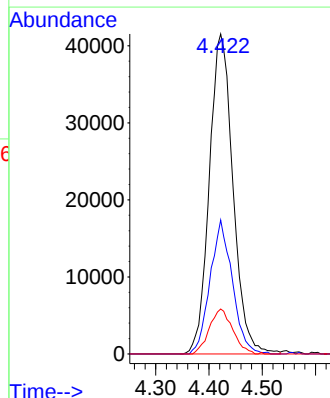
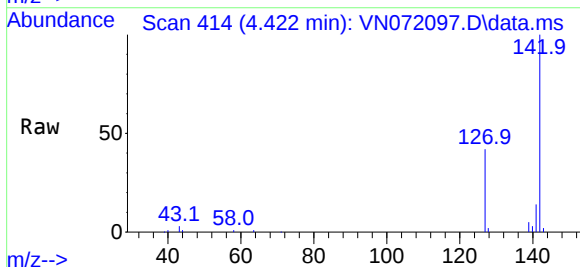
Manual Integrations
APPROVED

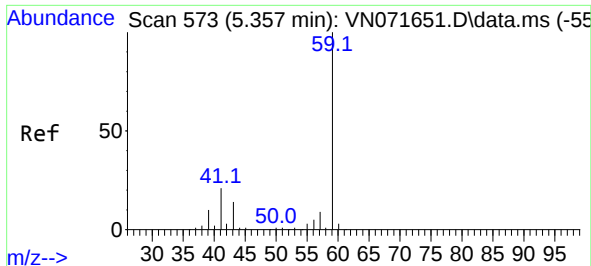
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#10
Methyl Iodide
Concen: 22.160 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

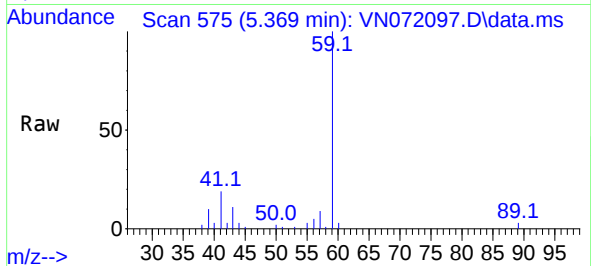
Tgt Ion:142 Resp: 128058
Ion Ratio Lower Upper
142 100
127 39.5 31.3 46.9
141 13.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 121.392 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

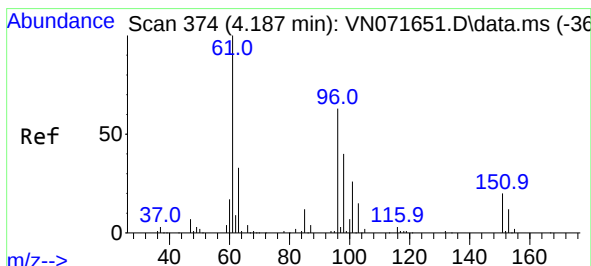
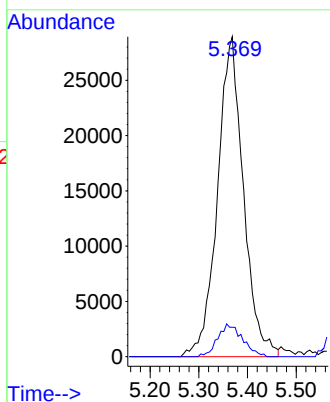
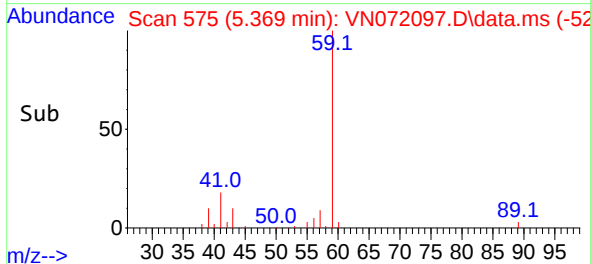
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



Tgt Ion: 59 Resp: 107180
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

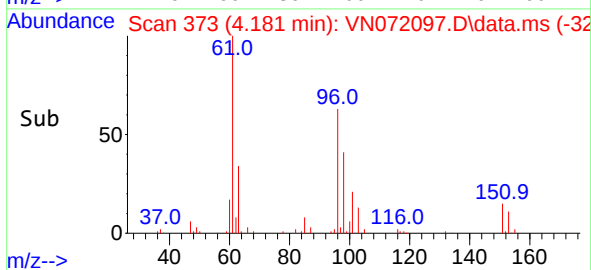
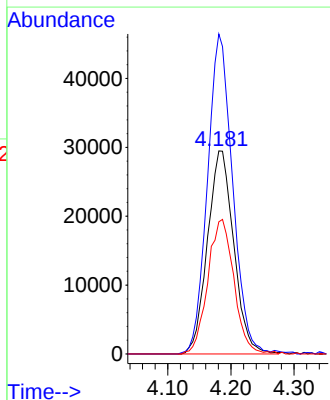
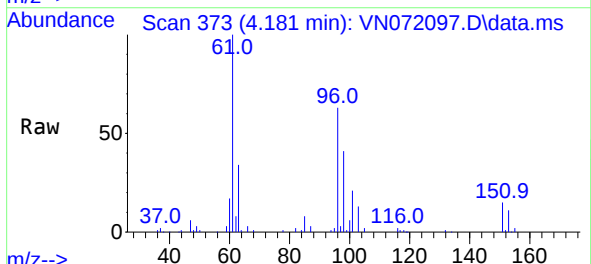
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#12
1,1-Dichloroethene
Concen: 21.674 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

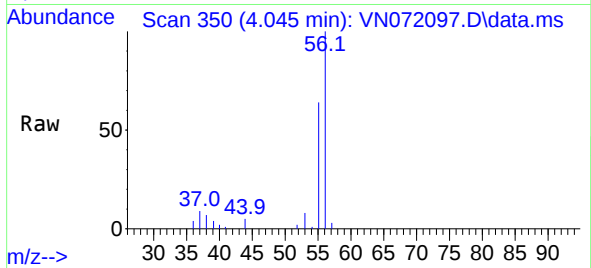
Tgt Ion: 96 Resp: 85261
Ion Ratio Lower Upper
96 100
61 157.7 127.6 191.4
98 65.1 51.2 76.8





#13
Acrolein
Concen: 39.190 ug/l
RT: 4.045 min Scan# 349
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

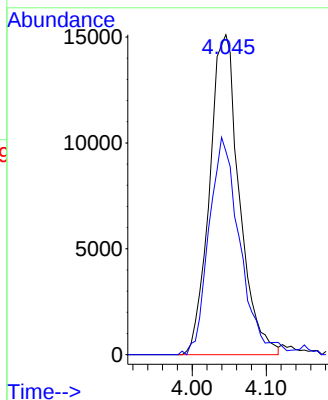
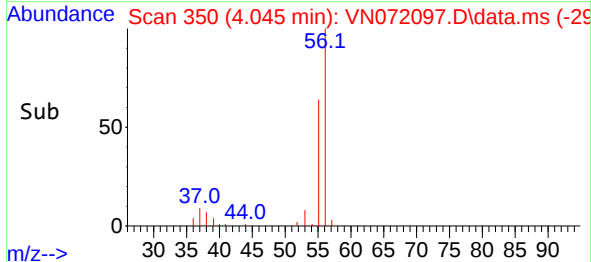
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



Tgt Ion: 56 Resp: 42192
Ion Ratio Lower Upper
56 100
55 70.6 54.8 82.2

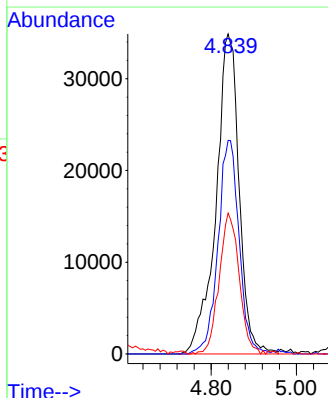
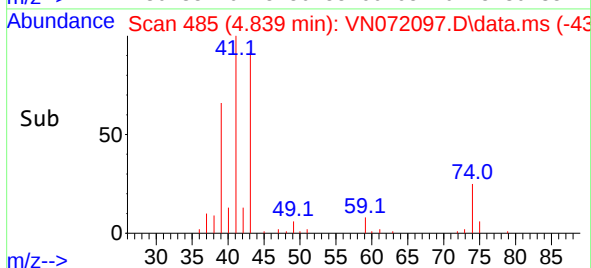
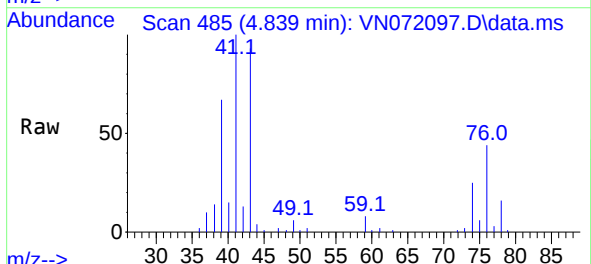
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#14
Allyl chloride
Concen: 20.609 ug/l
RT: 4.839 min Scan# 485
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

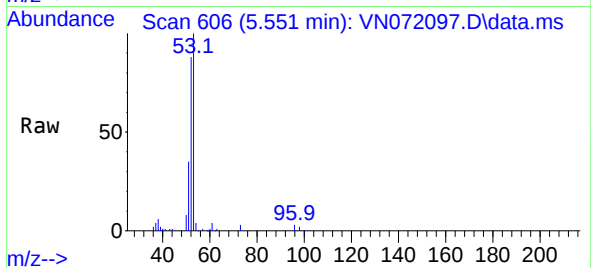
Tgt Ion: 41 Resp: 131590
Ion Ratio Lower Upper
41 100
39 60.7 53.2 79.8
76 38.2 29.9 44.9





#15
Acrylonitrile
Concen: 115.144 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

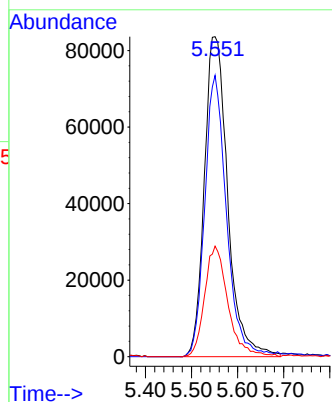
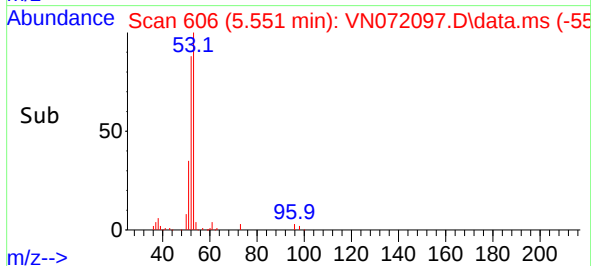
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



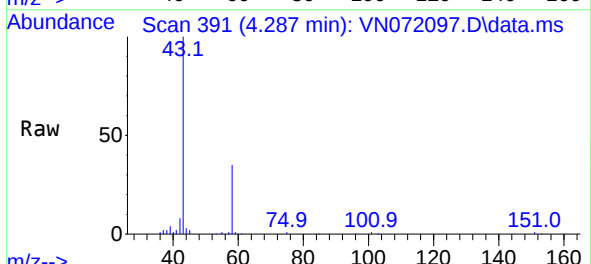
Tgt Ion: 53 Resp: 295518
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 34.4 28.5 42.7

Manual Integrations
APPROVED

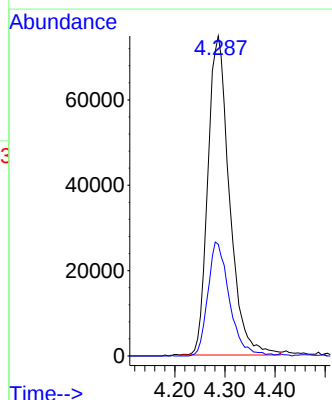
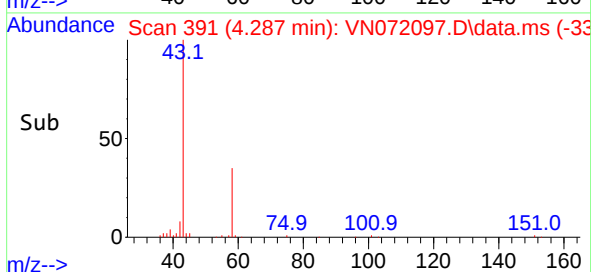
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

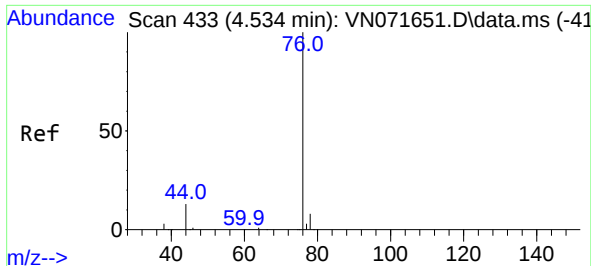


#16
Acetone
Concen: 96.283 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



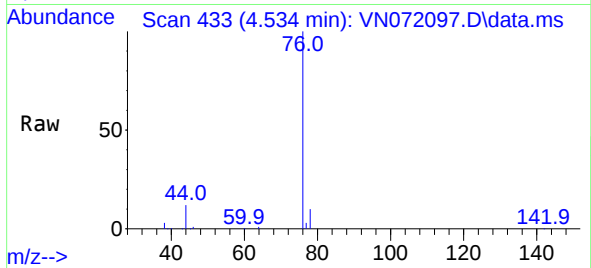
Tgt Ion: 43 Resp: 223883
Ion Ratio Lower Upper
43 100
58 35.0 26.0 39.0





#17
Carbon Disulfide
Concen: 22.182 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

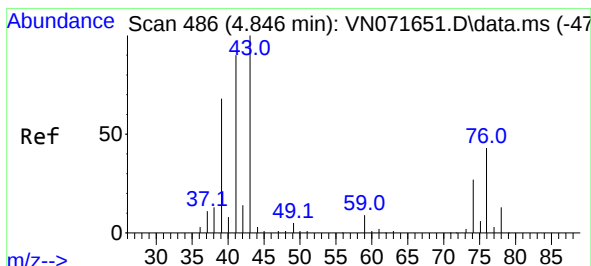
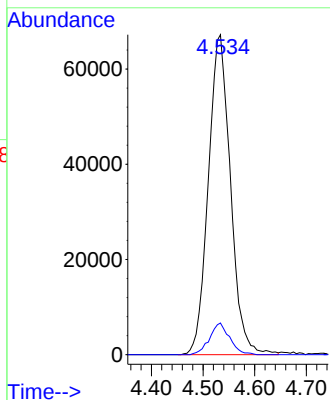
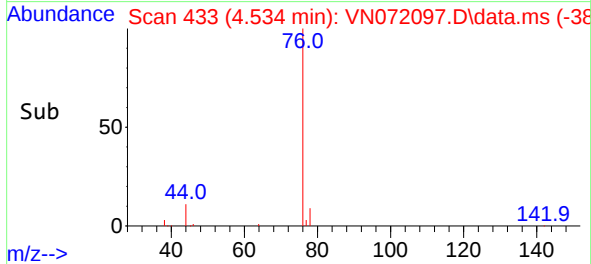
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



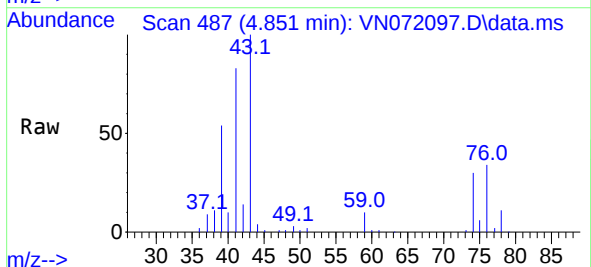
Tgt Ion: 76 Resp: 200214
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

Manual Integrations
APPROVED

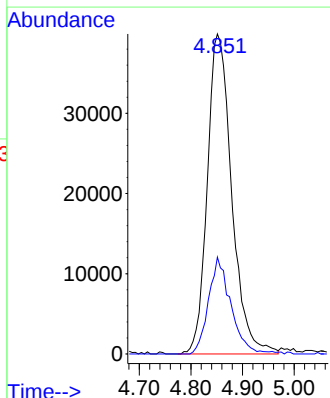
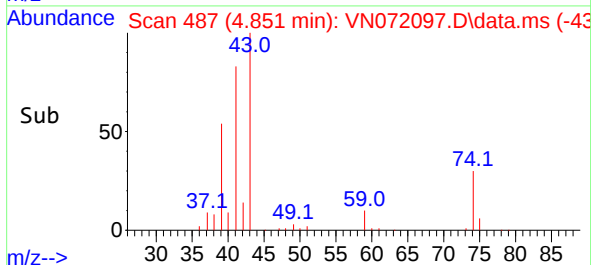
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#18
Methyl Acetate
Concen: 21.896 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



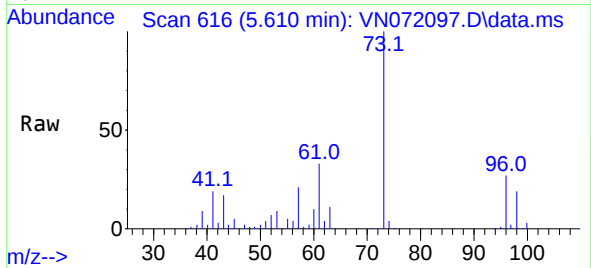
Tgt Ion: 43 Resp: 130981
Ion Ratio Lower Upper
43 100
74 27.7 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 21.819 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

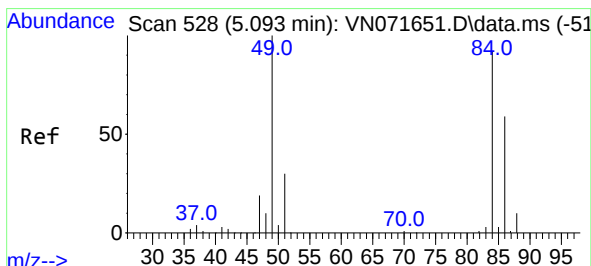
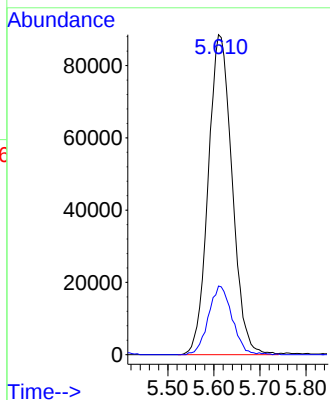
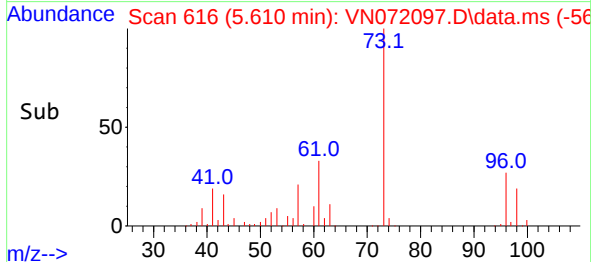
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



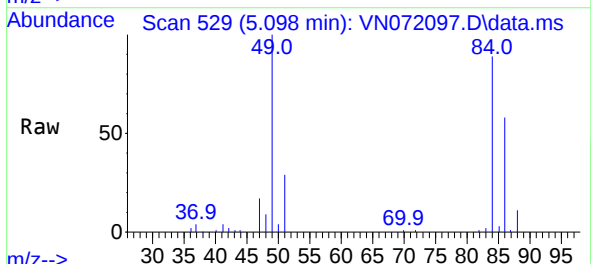
Tgt Ion: 73 Resp: 318878
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

Manual Integrations
APPROVED

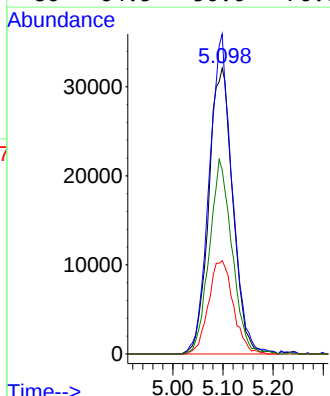
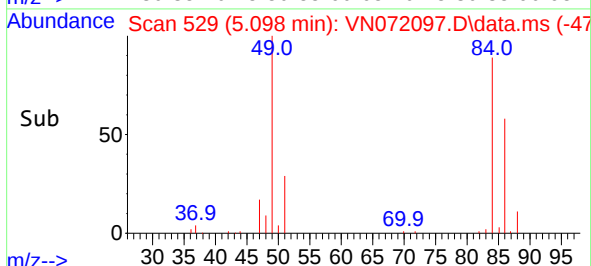
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#20
Methylene Chloride
Concen: 21.855 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



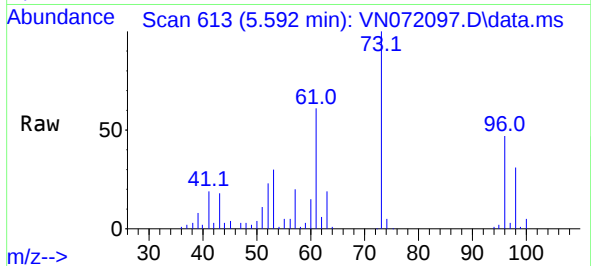
Tgt Ion: 84 Resp: 107112
Ion Ratio Lower Upper
84 100
49 112.0 88.3 132.5
51 32.6 28.2 42.2
86 64.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 21.478 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.007 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

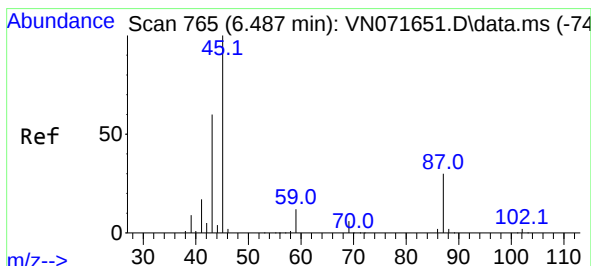
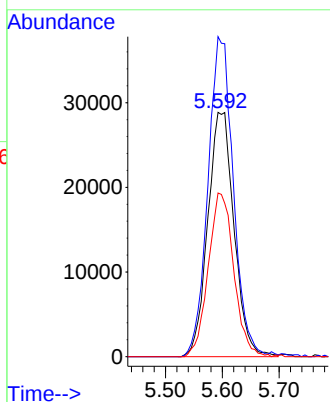
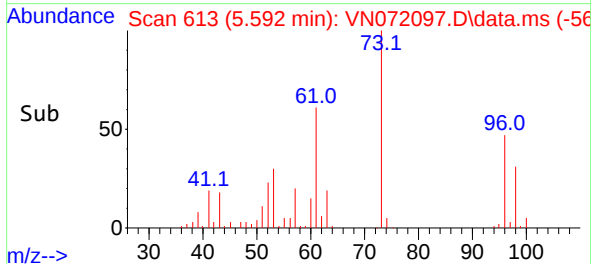
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



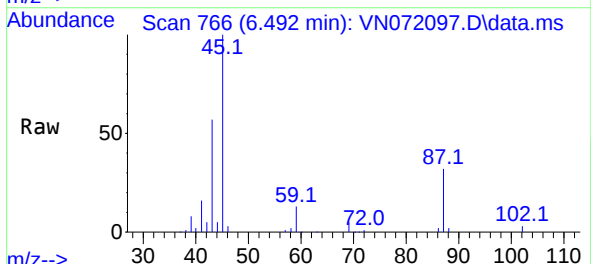
Tgt Ion: 96 Resp: 92758
Ion Ratio Lower Upper
96 100
61 131.0 105.8 158.8
98 67.0 50.3 75.5

Manual Integrations
APPROVED

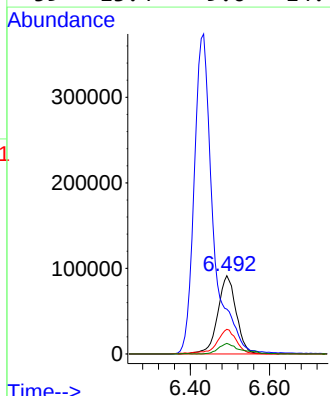
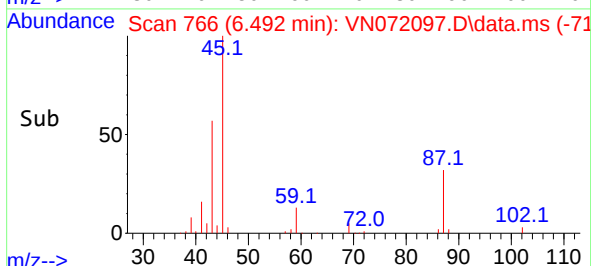
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

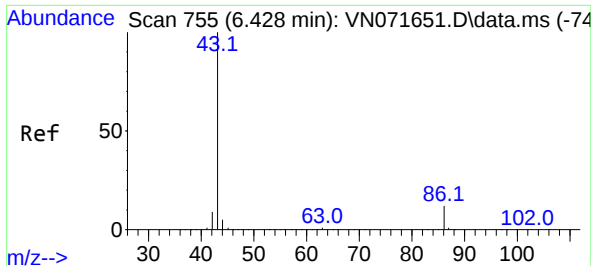


#22
Diisopropyl ether
Concen: 21.274 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



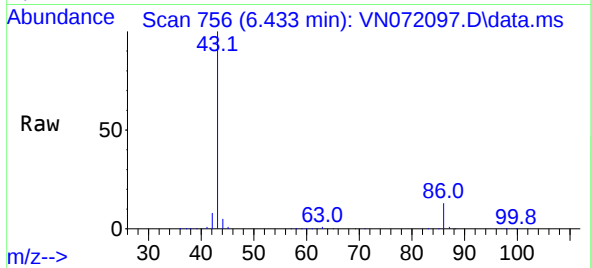
Tgt Ion: 45 Resp: 295708
Ion Ratio Lower Upper
45 100
43 56.0 46.6 70.0
87 31.6 24.3 36.5
59 13.4 9.6 14.4





#23
 Vinyl Acetate
 Concen: 111.805 ug/l
 RT: 6.433 min Scan# 755
 Delta R.T. 0.005 min
 Lab File: VN072097.D
 Acq: 20 Apr 2022 23:53

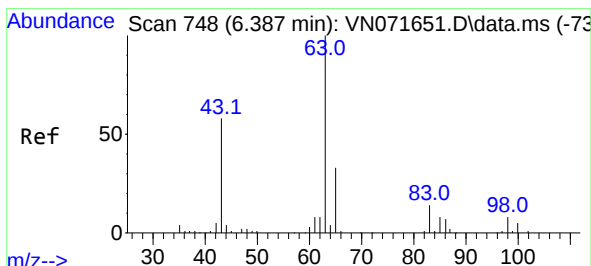
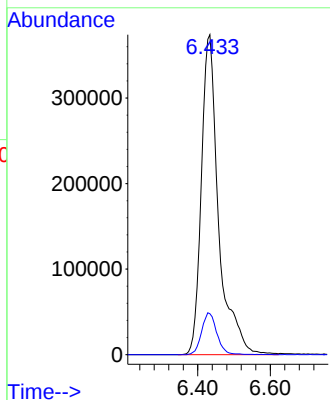
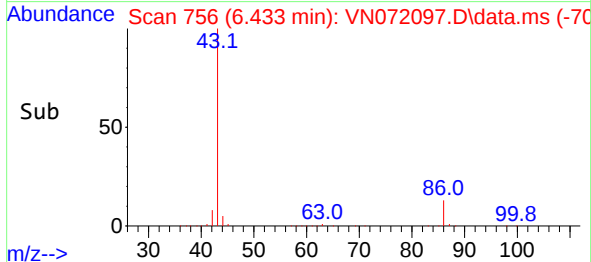
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD02



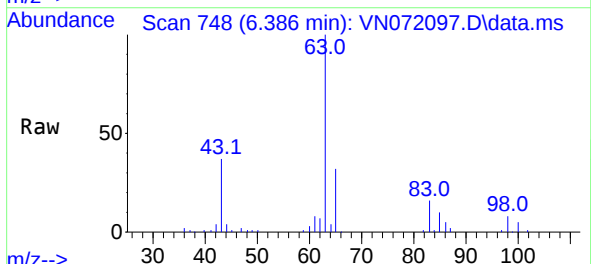
Tgt Ion: 43 Resp: 123585
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.0 15.0

Manual Integrations
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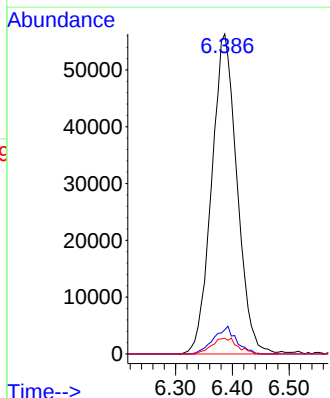
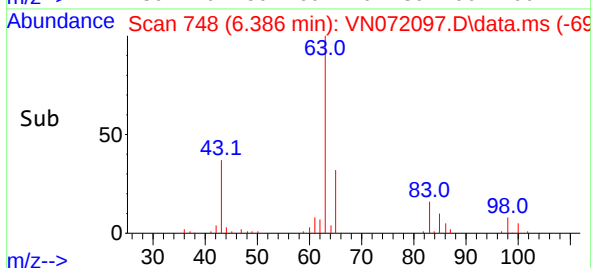
Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022

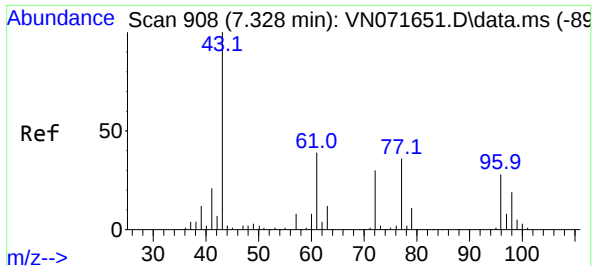


#24
 1,1-Dichloroethane
 Concen: 21.427 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.001 min
 Lab File: VN072097.D
 Acq: 20 Apr 2022 23:53



Tgt Ion: 63 Resp: 174845
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 111.081 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072097.D

Acq: 20 Apr 2022 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD02

Tgt Ion: 43 Resp: 372360

Ion Ratio Lower Upper

43 100

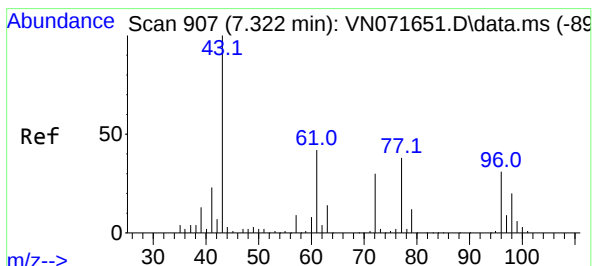
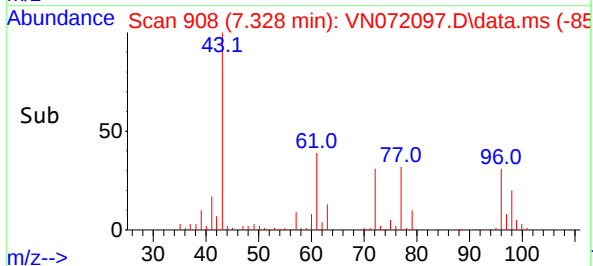
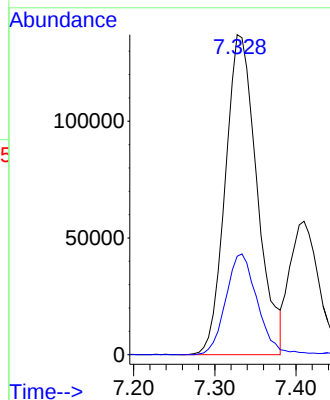
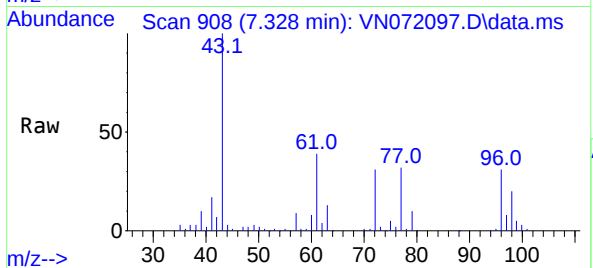
72 30.7 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#26

2,2-Dichloropropane

Concen: 18.469 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072097.D

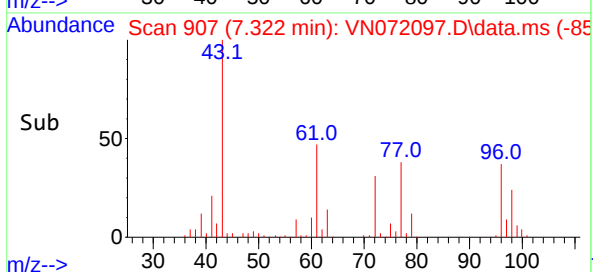
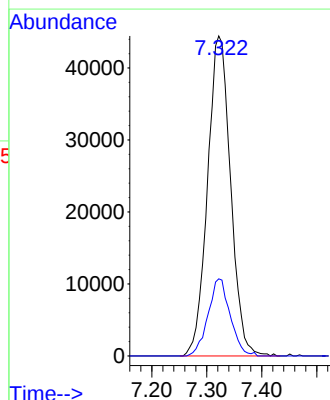
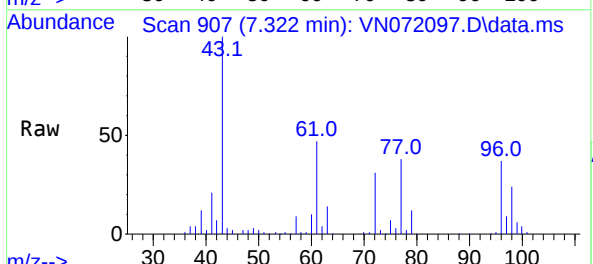
Acq: 20 Apr 2022 23:53

Tgt Ion: 77 Resp: 129469

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.038 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072097.D

Acq: 20 Apr 2022 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD02

Tgt Ion: 96 Resp: 116704

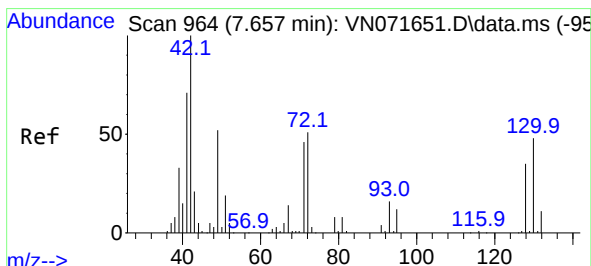
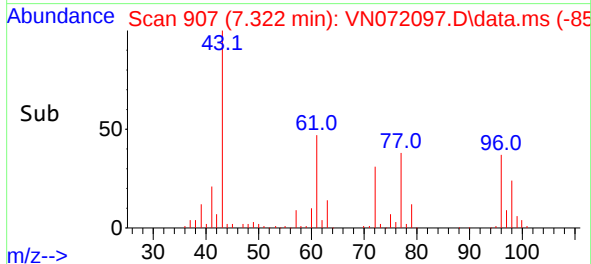
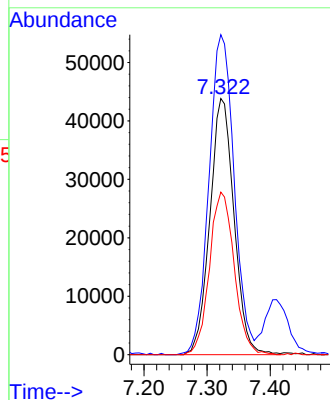
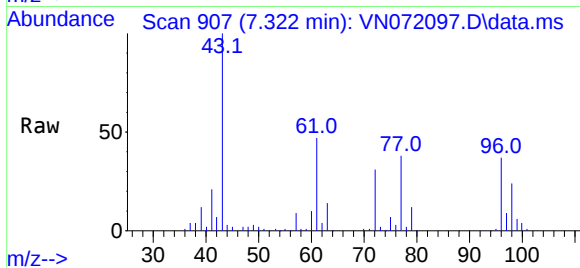
Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	280.6
98	65.0	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#28

Bromochloromethane

Concen: 21.676 ug/l

RT: 7.657 min Scan# 964

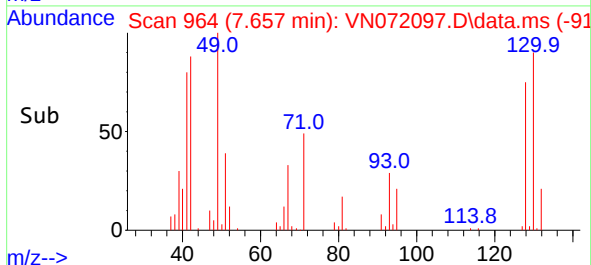
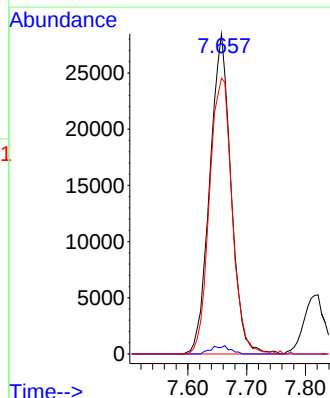
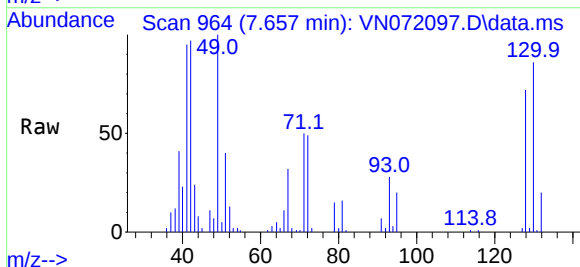
Delta R.T. -0.000 min

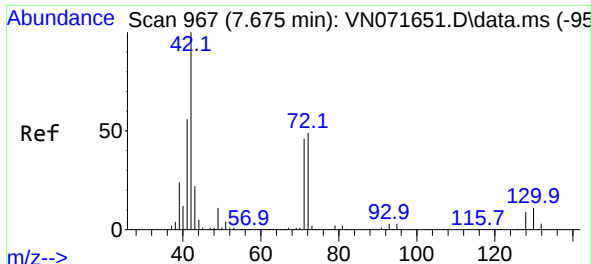
Lab File: VN072097.D

Acq: 20 Apr 2022 23:53

Tgt Ion: 49 Resp: 71353

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	91.9	69.7	104.5





#29

Tetrahydrofuran

Concen: 112.802 ug/l

RT: 7.680 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072097.D

Acq: 20 Apr 2022 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD02

Tgt Ion: 42 Resp: 24484

Ion Ratio Lower Upper

42 100

72 51.7 39.7 59.5

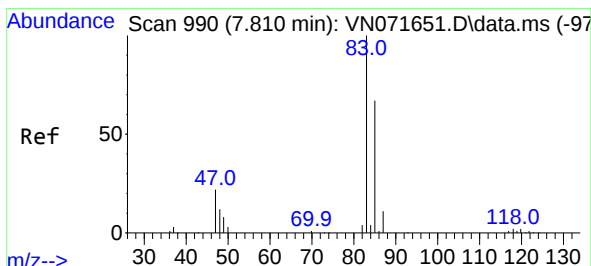
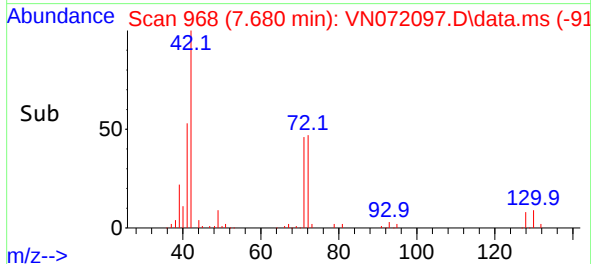
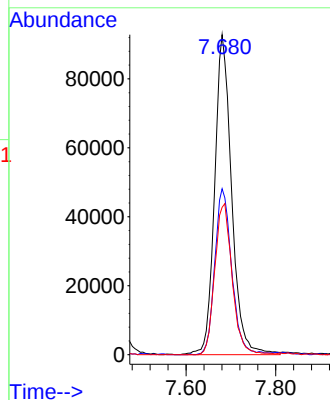
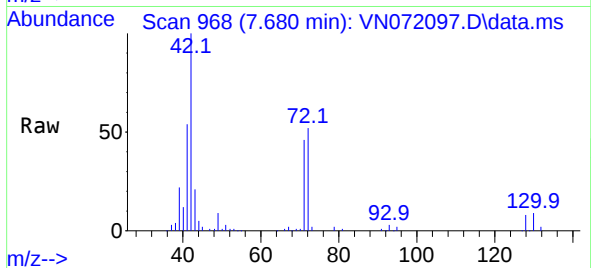
71 48.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#30

Chloroform

Concen: 21.504 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072097.D

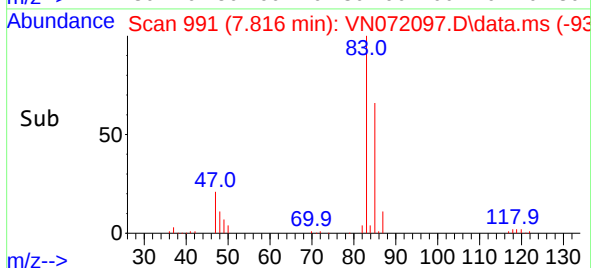
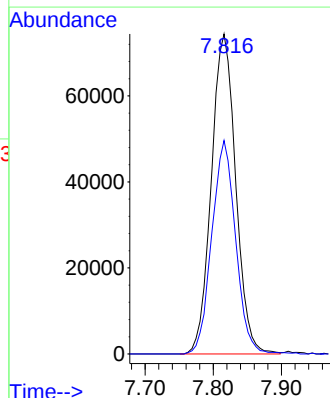
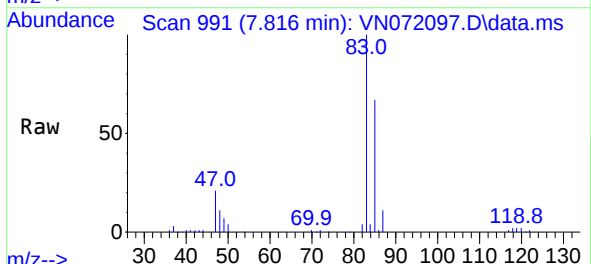
Acq: 20 Apr 2022 23:53

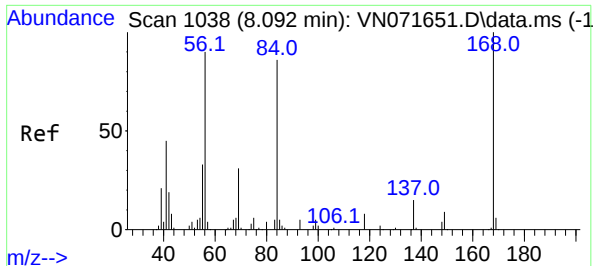
Tgt Ion: 83 Resp: 185290

Ion Ratio Lower Upper

83 100

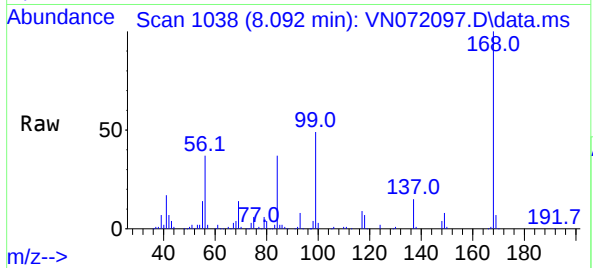
85 66.7 51.8 77.8





#31
Cyclohexane
Concen: 21.290 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

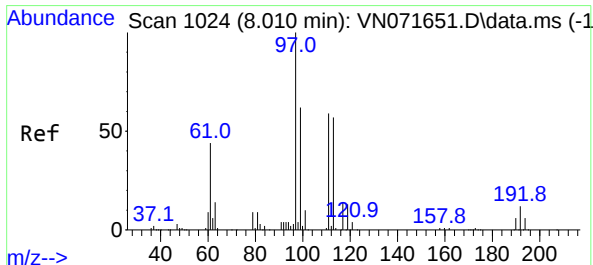
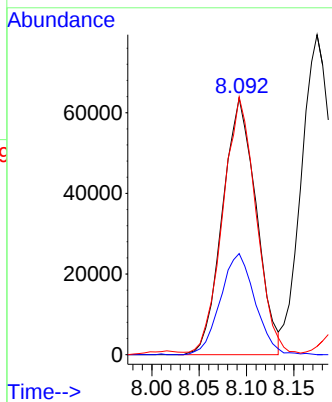
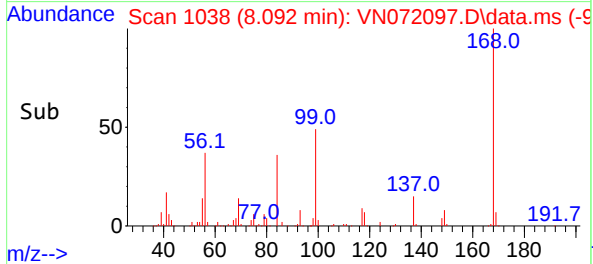
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



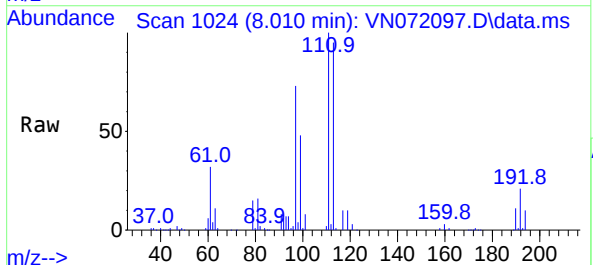
Tgt Ion: 56 Resp: 15753
Ion Ratio Lower Upper
56 100
69 39.4 27.8 41.8
84 99.5 76.9 115.3

Manual Integrations
APPROVED

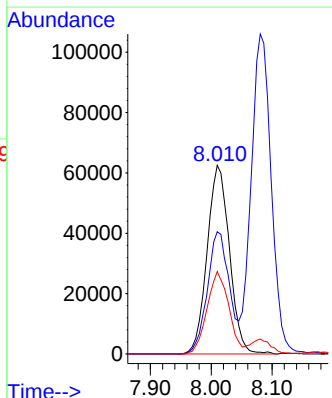
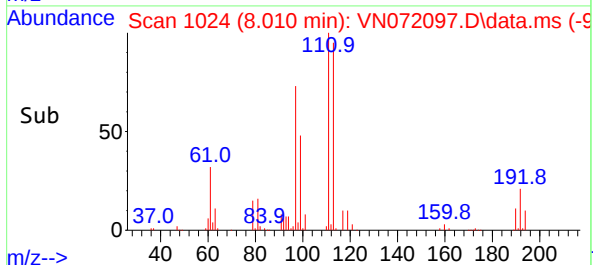
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

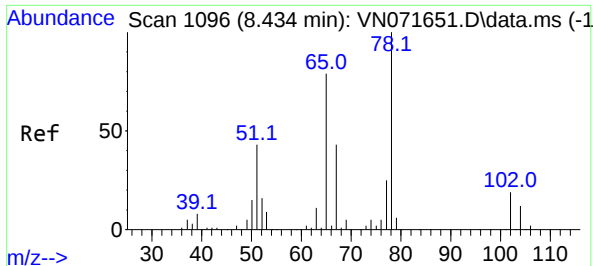


#32
1,1,1-Trichloroethane
Concen: 21.577 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



Tgt Ion: 97 Resp: 159050
Ion Ratio Lower Upper
97 100
99 64.3 50.6 76.0
61 42.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 48.225 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Instrument :

MSVOA_N

ClientSampleId :

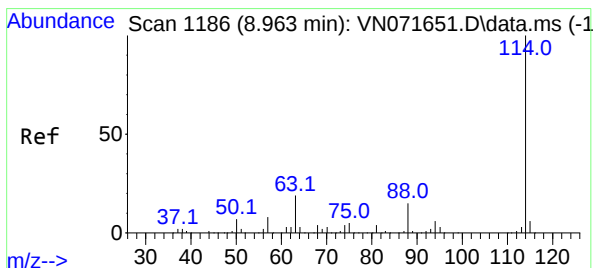
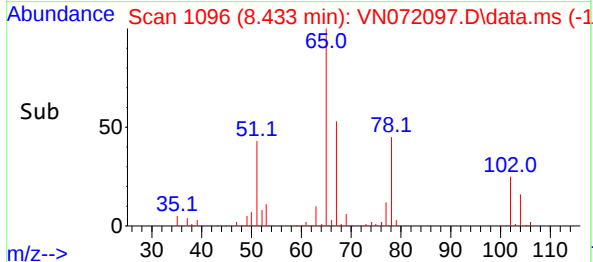
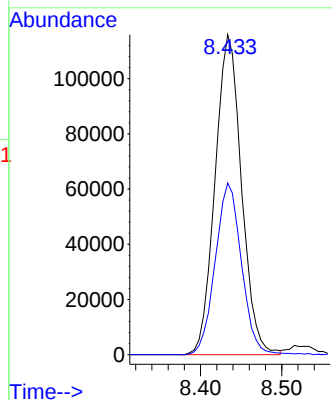
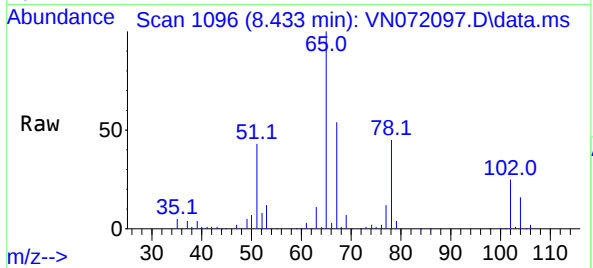
VN0420WBSD02

Tgt Ion: 65 Resp: 262389
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8

Manual Integrations

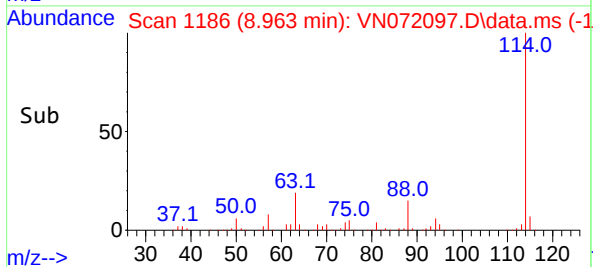
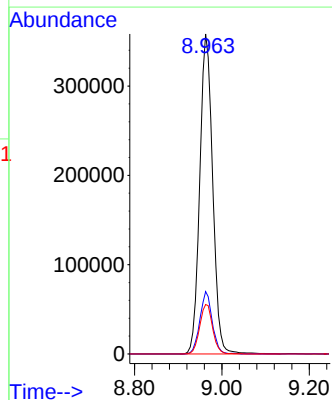
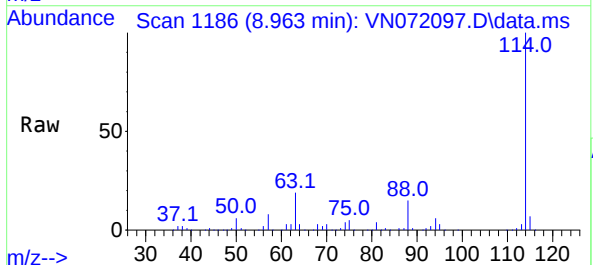
APPROVED

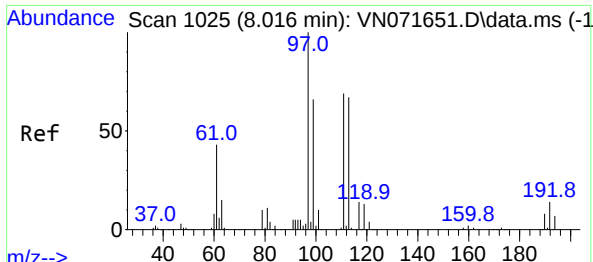
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

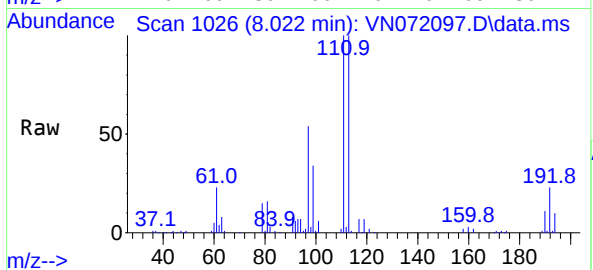
Tgt Ion:114 Resp: 737858
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.494 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

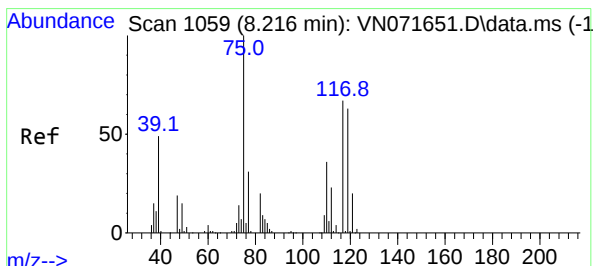
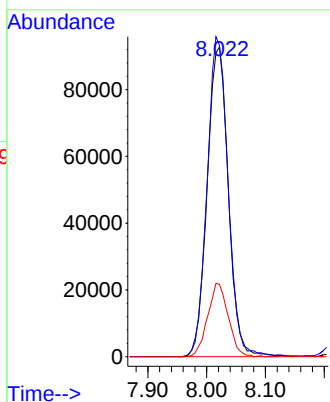
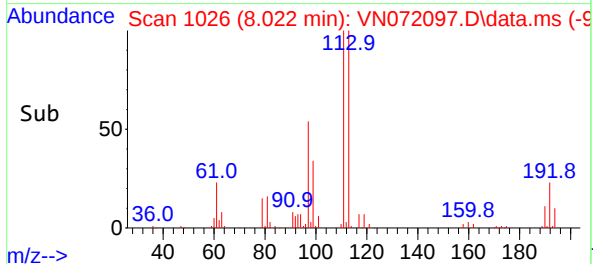
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



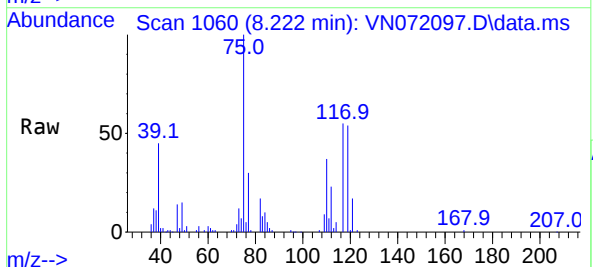
Tgt Ion: 113 Resp: 232260
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 23.0 17.0 25.6

Manual Integrations
APPROVED

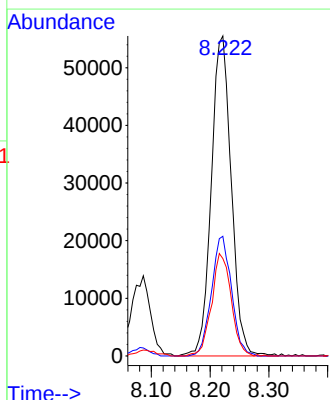
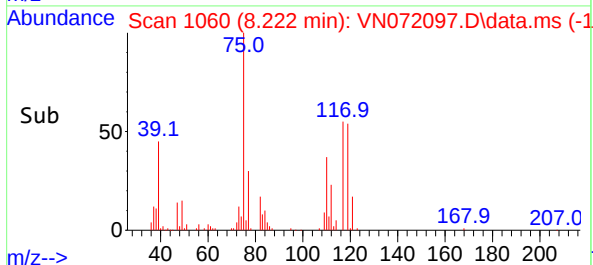
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

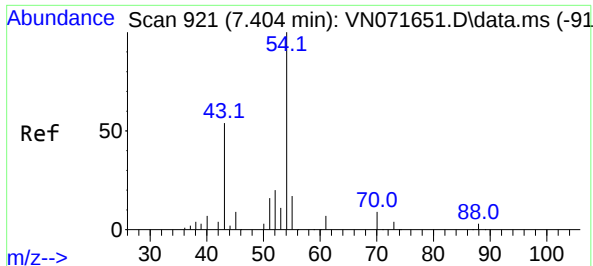


#36
1,1-Dichloropropene
Concen: 21.611 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



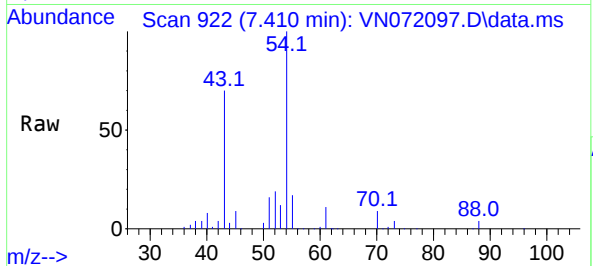
Tgt Ion: 75 Resp: 131036
Ion Ratio Lower Upper
75 100
110 37.5 18.3 54.8
77 31.5 25.1 37.7





#37
Ethyl Acetate
Concen: 21.989 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

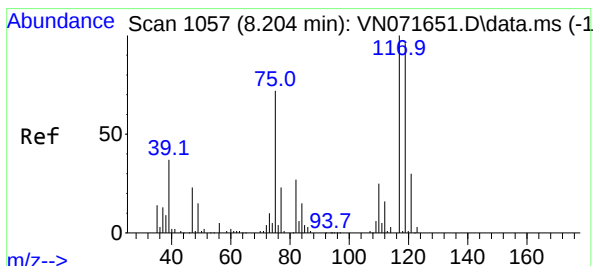
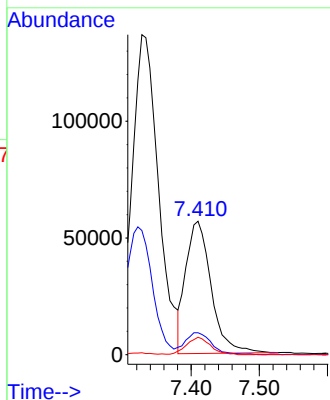
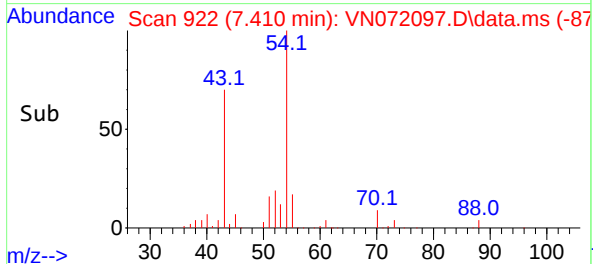
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



Tgt Ion: 43 Resp: 14592
Ion Ratio Lower Upper
43 100
61 17.5 11.8 17.6
70 12.3 9.3 13.9

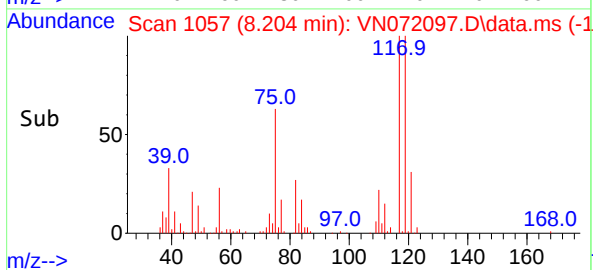
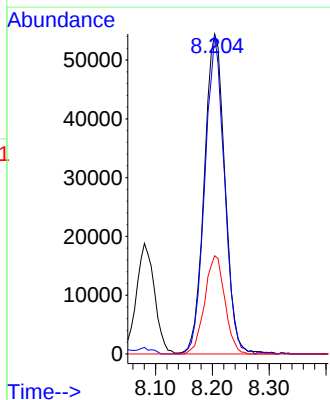
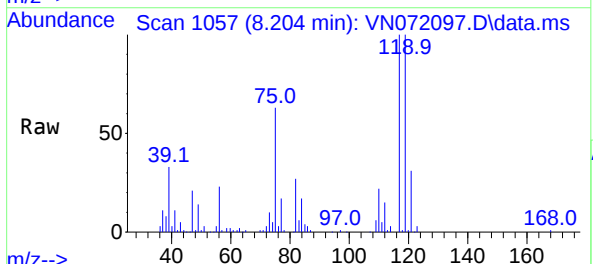
Manual Integrations
APPROVED

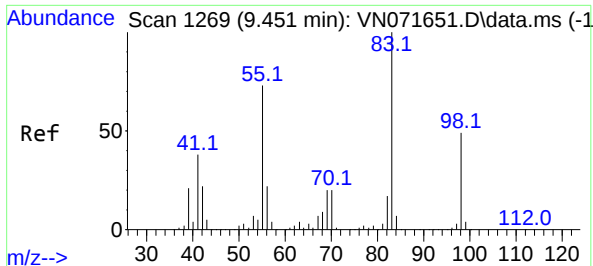
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#38
Carbon Tetrachloride
Concen: 23.092 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Tgt Ion:117 Resp: 137220
Ion Ratio Lower Upper
117 100
119 99.6 75.8 113.8
121 30.7 24.6 37.0





#39

Methylcyclohexane

Concen: 22.288 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072097.D

Acq: 20 Apr 2022 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD02

Tgt Ion: 83 Resp: 160862

Ion Ratio Lower Upper

83 100

55 71.0 57.8 86.8

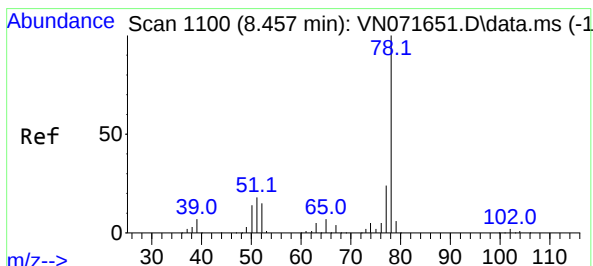
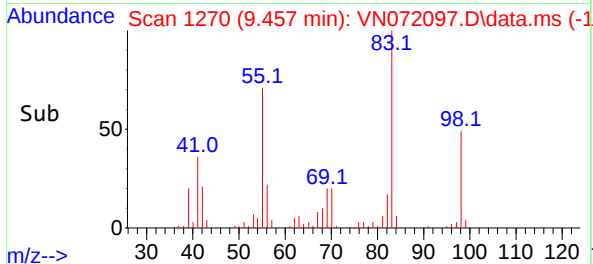
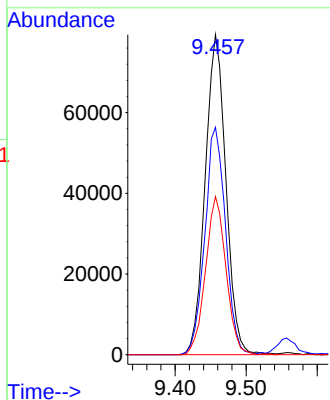
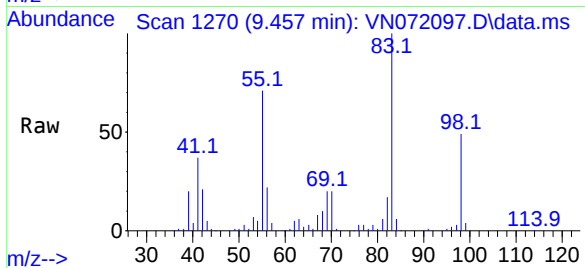
98 49.4 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#40

Benzene

Concen: 22.191 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072097.D

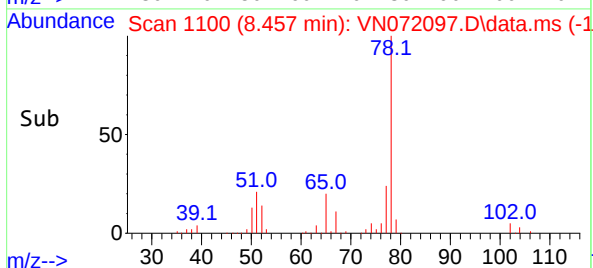
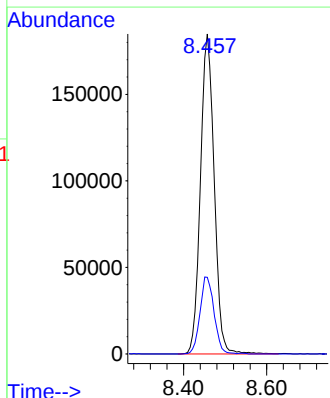
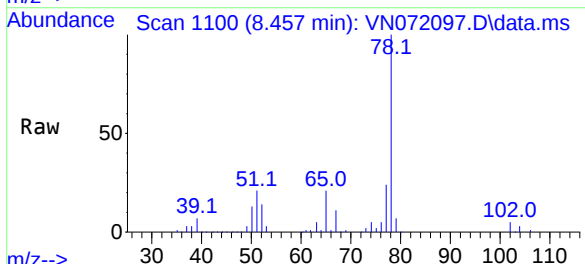
Acq: 20 Apr 2022 23:53

Tgt Ion: 78 Resp: 425031

Ion Ratio Lower Upper

78 100

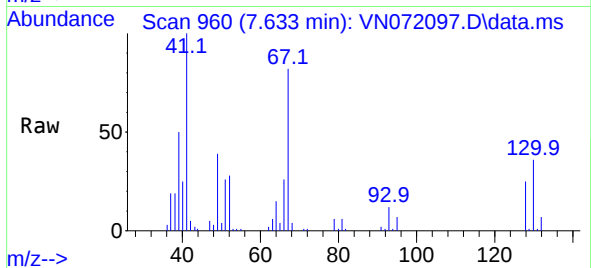
77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 22.561 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

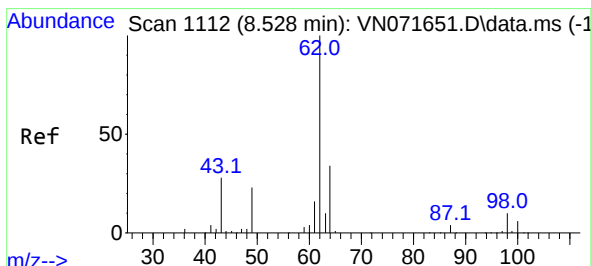
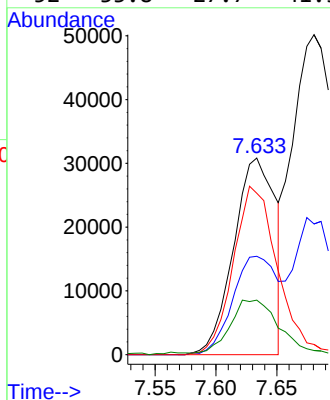
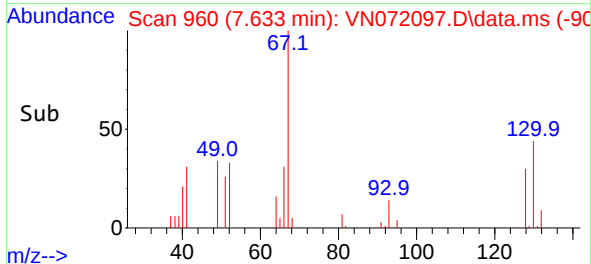
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



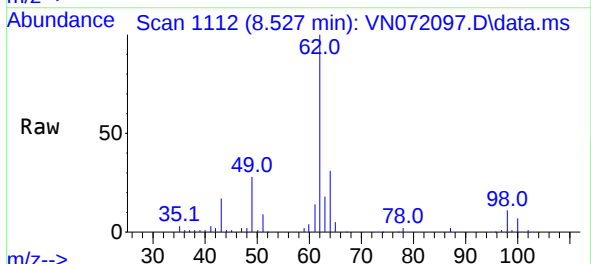
Tgt Ion: 41 Resp: 7331
Ion Ratio Lower Upper
41 100
39 51.6 48.6 73.0
67 92.7 73.4 110.2
52 33.8 27.7 41.5

Manual Integrations
APPROVED

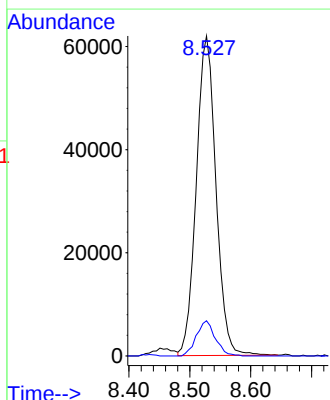
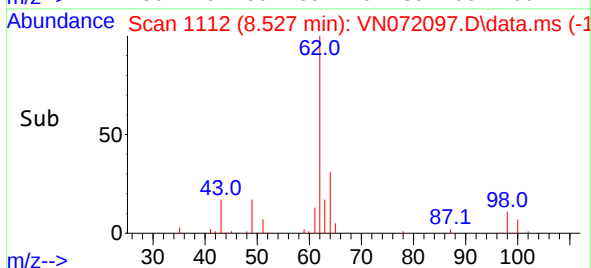
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#42
1,2-Dichloroethane
Concen: 20.972 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



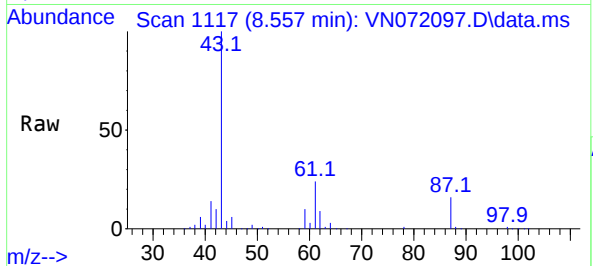
Tgt Ion: 62 Resp: 138956
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 21.160 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

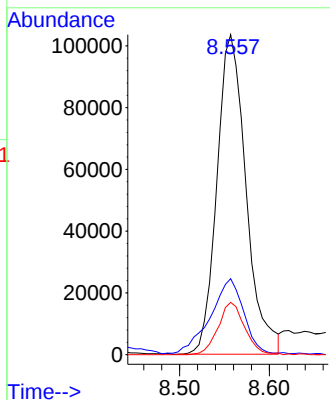
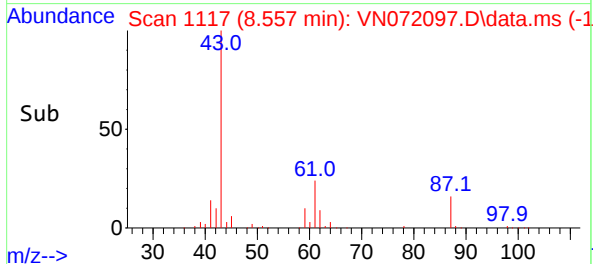
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



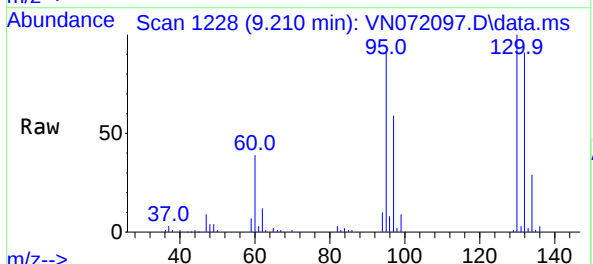
Tgt Ion: 43 Resp: 23356
Ion Ratio Lower Upper
43 100
61 26.8 21.9 32.9
87 14.9 12.0 18.0

Manual Integrations
APPROVED

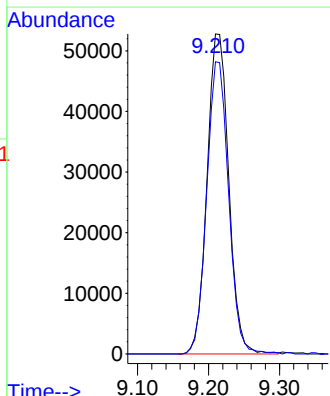
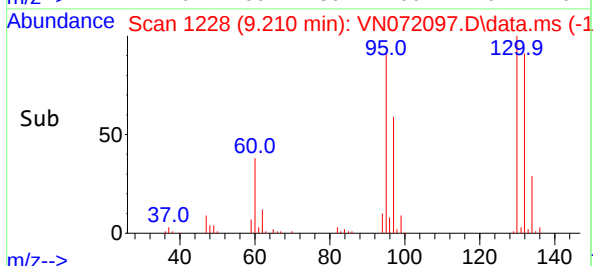
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

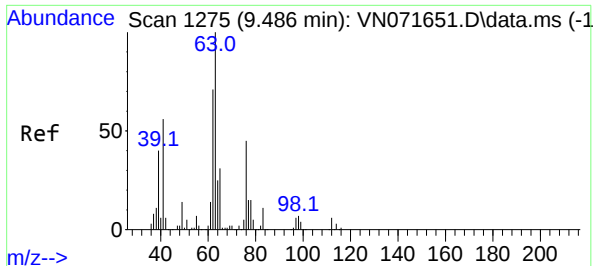


#44
Trichloroethene
Concen: 22.682 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



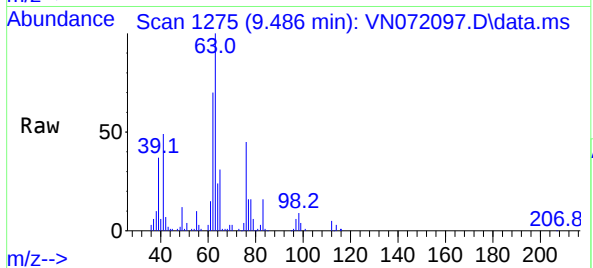
Tgt Ion:130 Resp: 111925
Ion Ratio Lower Upper
130 100
95 91.3 0.0 186.8





#45
1,2-Dichloropropane
Concen: 21.793 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

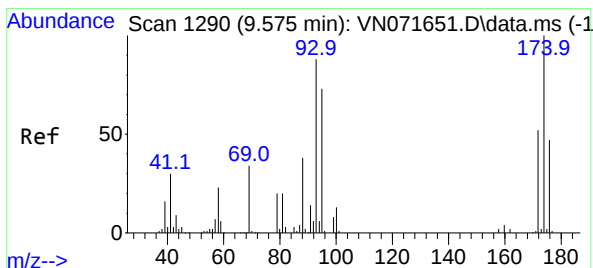
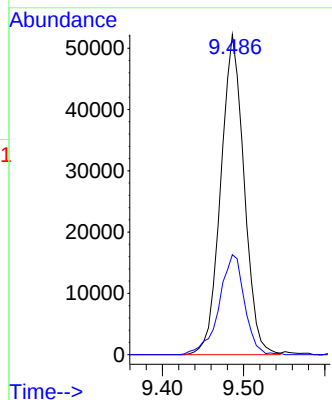
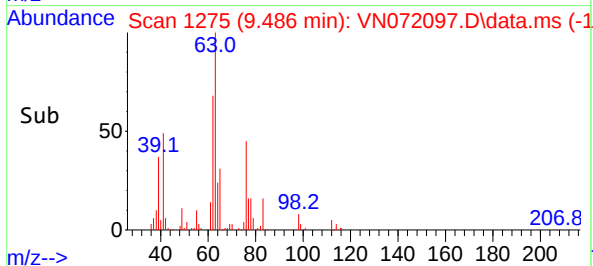
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



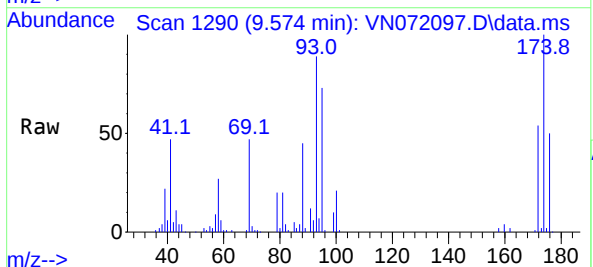
Tgt Ion: 63 Resp: 104270
Ion Ratio Lower Upper
63 100
65 31.2 24.9 37.3

Manual Integrations
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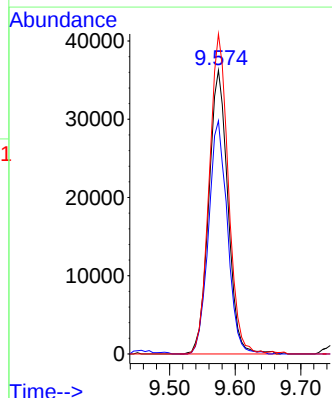
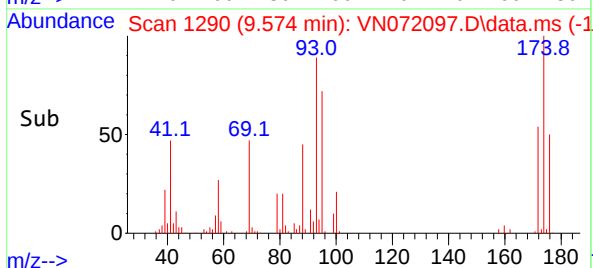
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

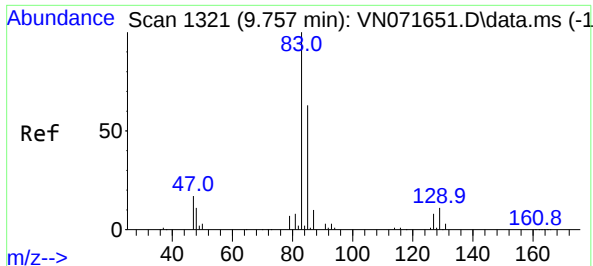


#46
Dibromomethane
Concen: 22.555 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



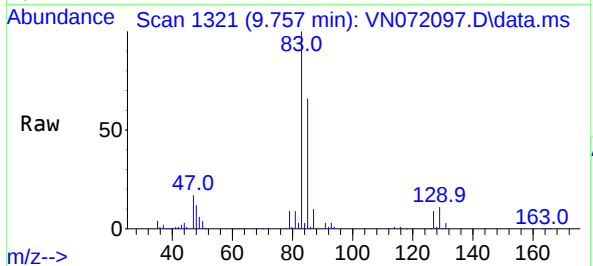
Tgt Ion: 93 Resp: 73277
Ion Ratio Lower Upper
93 100
95 81.4 66.9 100.3
174 112.8 86.6 130.0





#47
Bromodichloromethane
Concen: 22.333 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

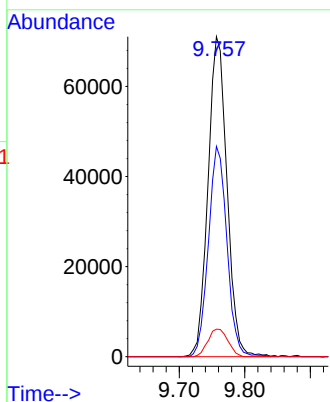
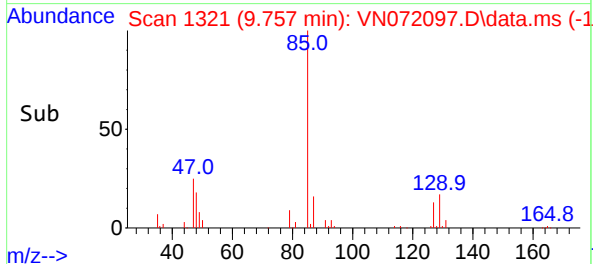
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



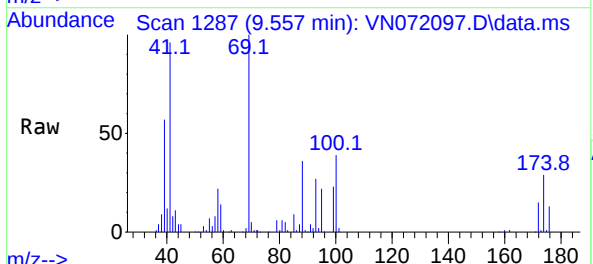
Tgt Ion: 83 Resp: 142824
Ion Ratio Lower Upper
83 100
85 65.7 50.5 75.7
127 8.6 6.8 10.2

Manual Integrations
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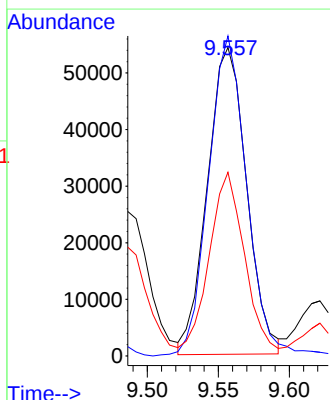
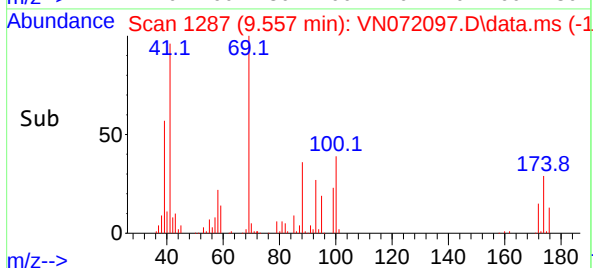
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

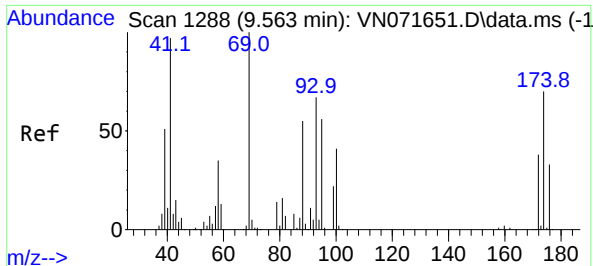


#48
Methyl methacrylate
Concen: 22.733 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



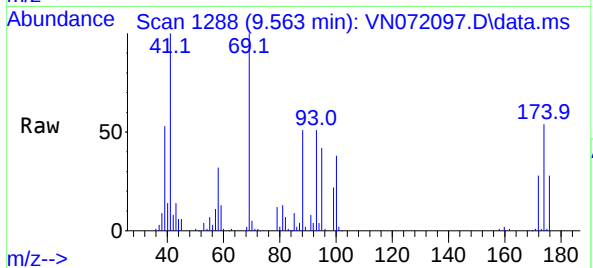
Tgt Ion: 41 Resp: 104111
Ion Ratio Lower Upper
41 100
69 102.3 74.7 112.1
39 54.4 45.6 68.4





#49
1,4-Dioxane
Concen: 459.217 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

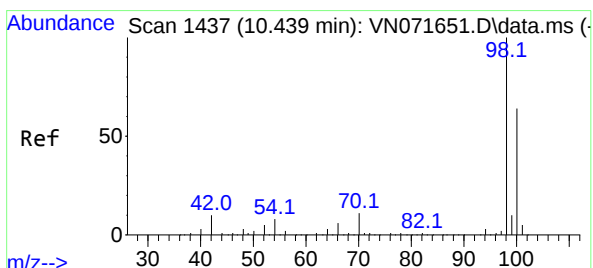
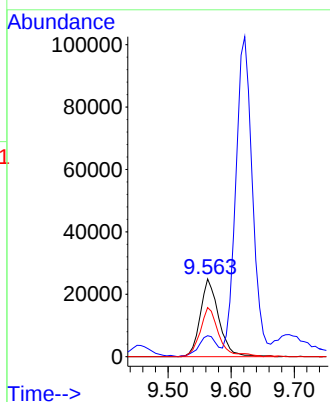
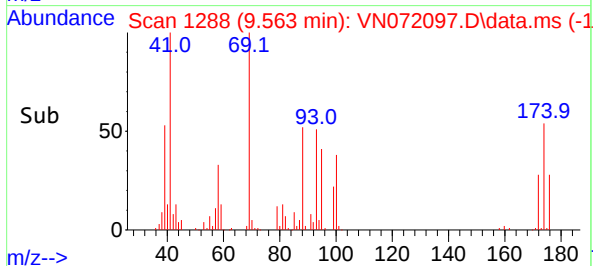
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



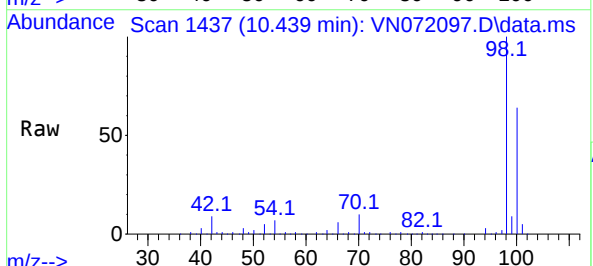
Tgt Ion: 88 Resp: 50704
Ion Ratio Lower Upper
88 100
43 27.1 20.2 30.4
58 64.0 54.2 81.4

Manual Integrations
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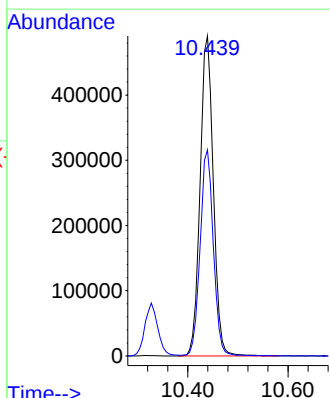
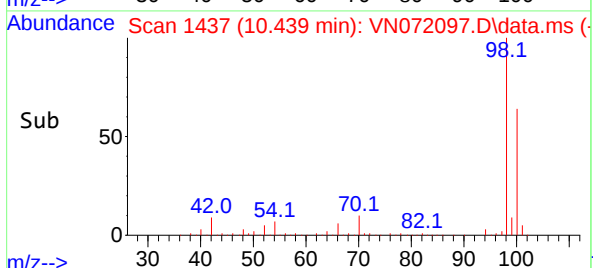
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#50
Toluene-d8
Concen: 50.549 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



Tgt Ion: 98 Resp: 897836
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8





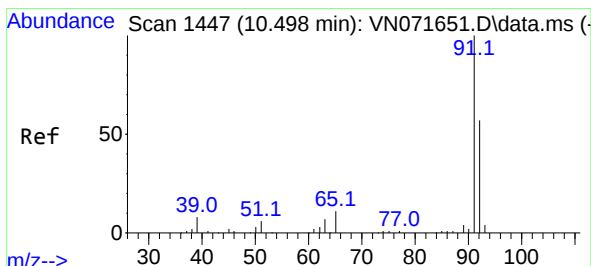
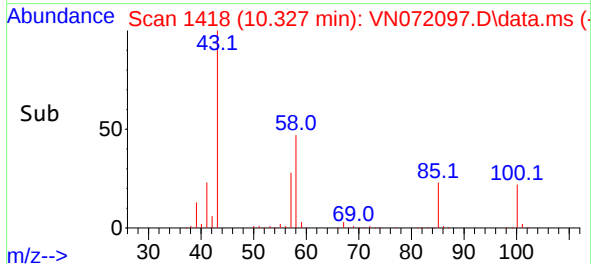
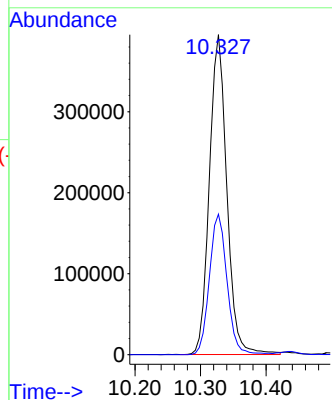
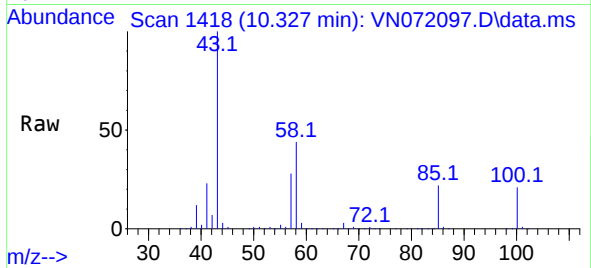
#51
4-Methyl-2-Pentanone
Concen: 115.170 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02

Tgt Ion: 43 Resp: 730920
Ion Ratio Lower Upper
43 100
58 44.4 34.1 51.1

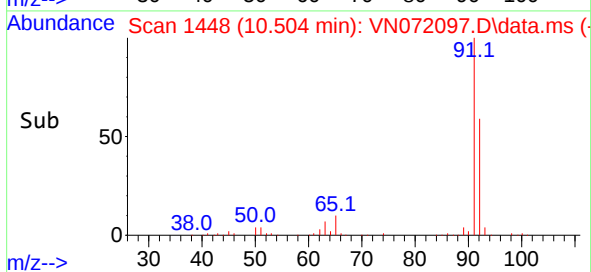
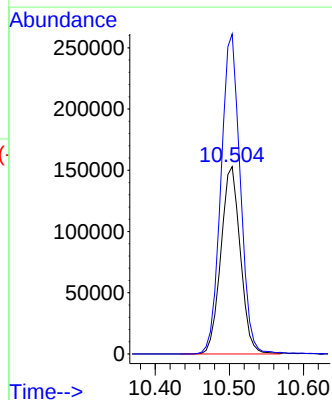
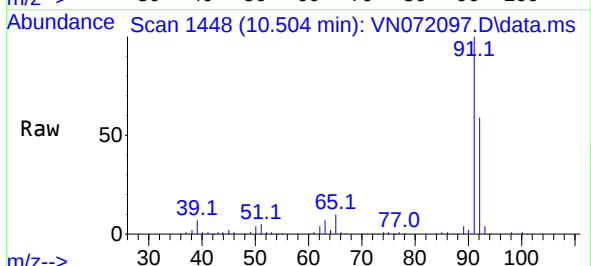
Manual Integrations
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Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#52
Toluene
Concen: 23.022 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

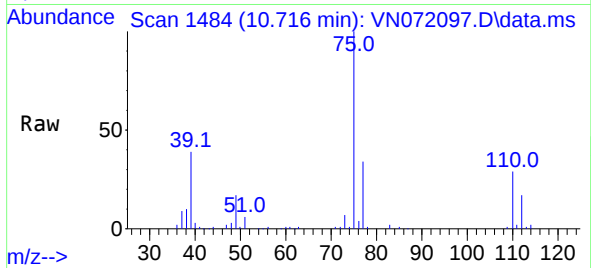
Tgt Ion: 92 Resp: 278742
Ion Ratio Lower Upper
92 100
91 170.2 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 21.786 ug/l
 RT: 10.716 min Scan# 1483
 Delta R.T. 0.006 min
 Lab File: VN072097.D
 Acq: 20 Apr 2022 23:53

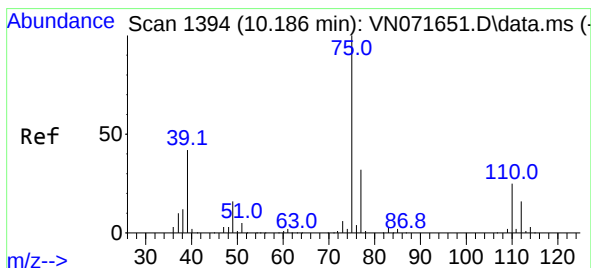
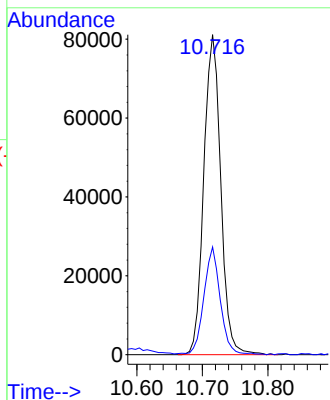
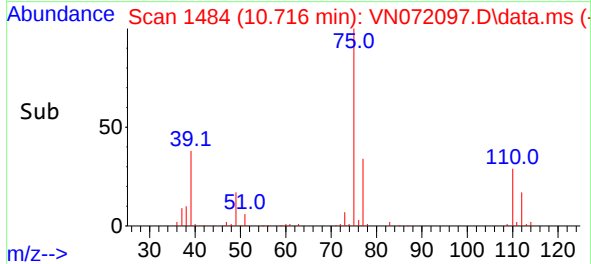
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD02



Tgt Ion: 75 Resp: 146018
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.6 38.4

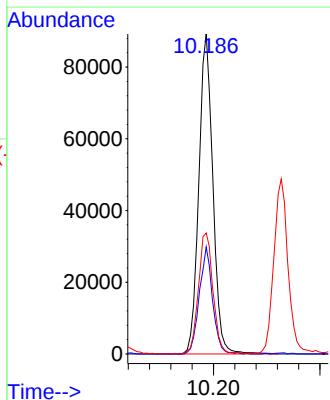
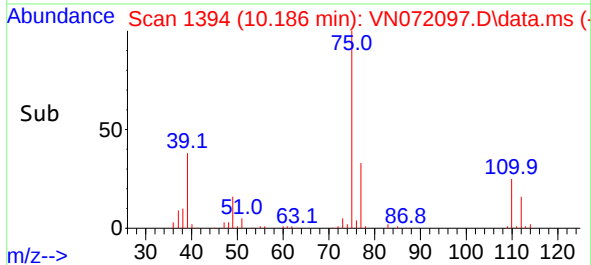
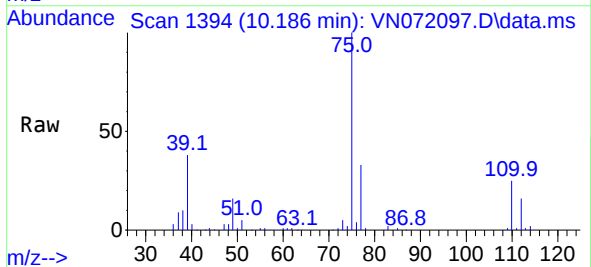
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 22.012 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072097.D
 Acq: 20 Apr 2022 23:53

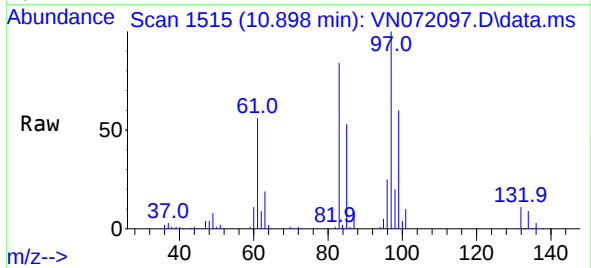
Tgt Ion: 75 Resp: 163011
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.2 37.8
 39 37.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 22.533 ug/l
RT: 10.898 min Scan# 11228
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02

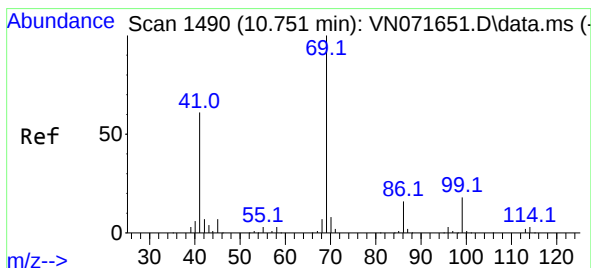
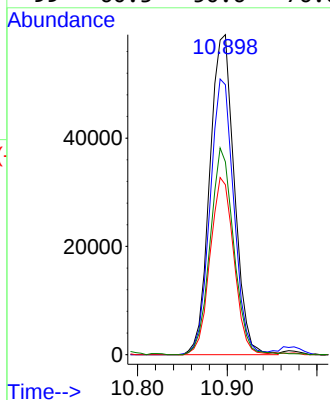
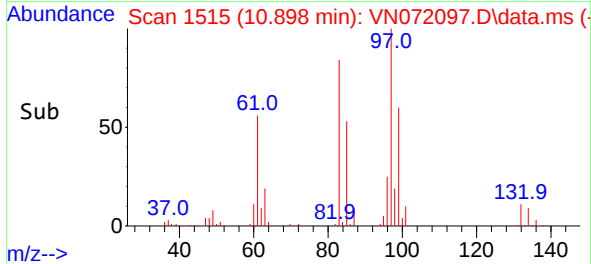


Tgt Ion: 97 Resp: 11228

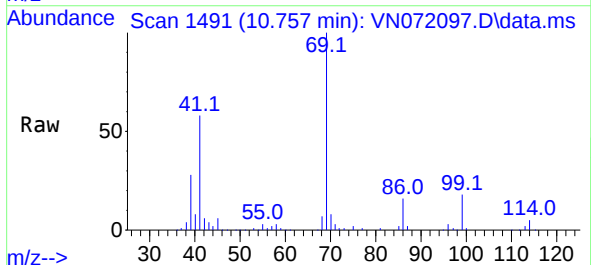
Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.2	99.4
85	53.1	43.9	65.9
99	60.3	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

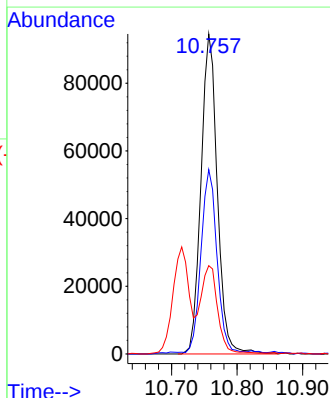
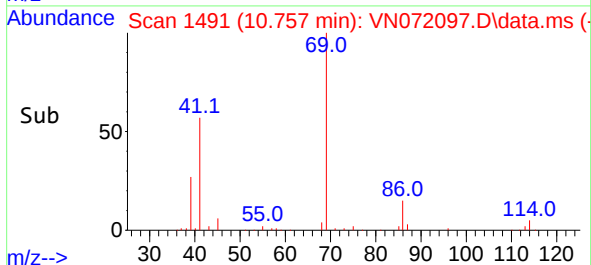


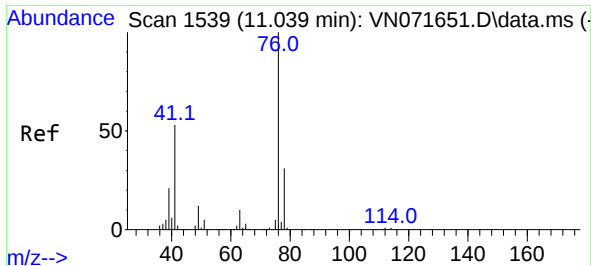
#56
Ethyl methacrylate
Concen: 23.074 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



Tgt Ion: 69 Resp: 164021

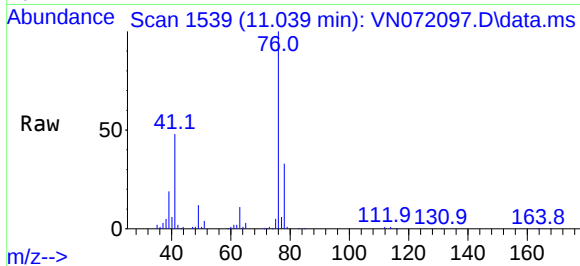
Ion	Ratio	Lower	Upper
69	100		
41	55.3	47.8	71.6
39	28.8	27.3	40.9





#57
1,3-Dichloropropane
Concen: 22.357 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

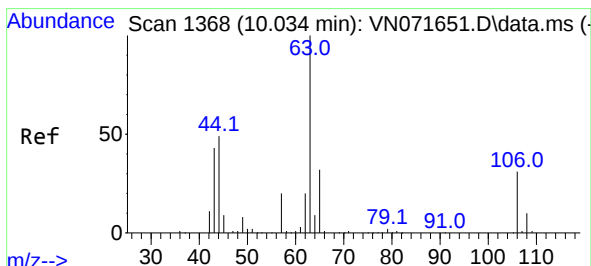
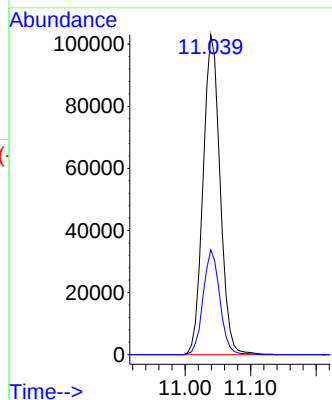
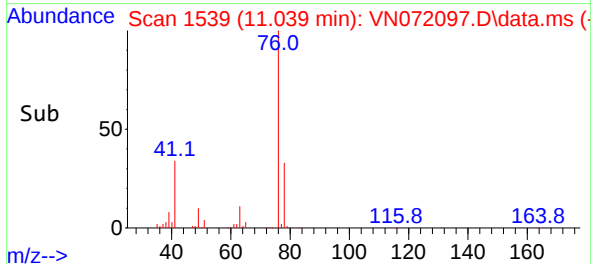
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



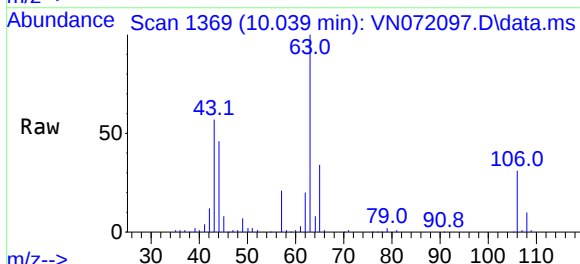
Tgt Ion: 76 Resp: 186262
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

Manual Integrations
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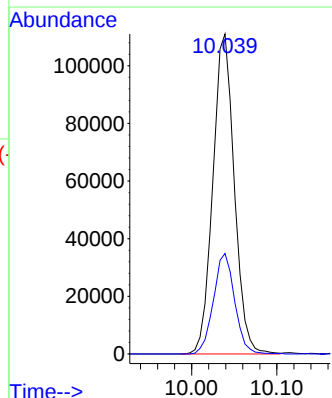
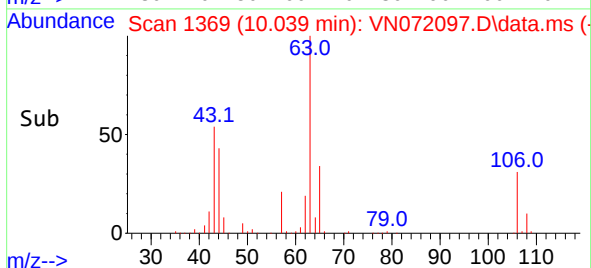
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

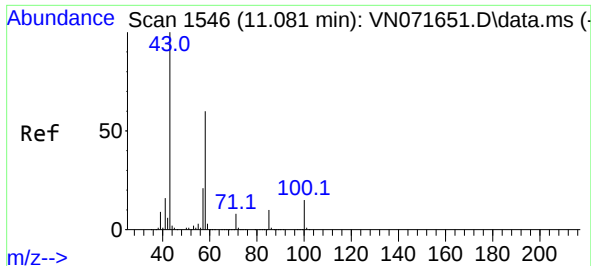


#58
2-Chloroethyl Vinyl ether
Concen: 99.603 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



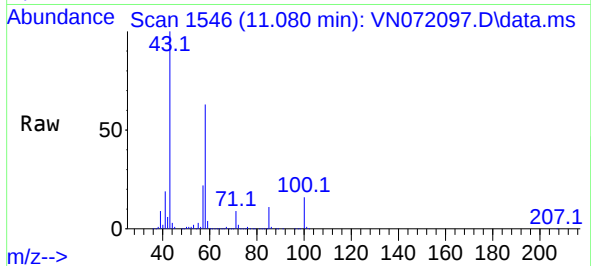
Tgt Ion: 63 Resp: 194014
Ion Ratio Lower Upper
63 100
106 31.1 24.6 36.8





#59
2-Hexanone
Concen: 117.294 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

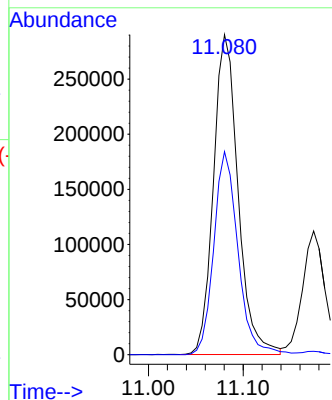
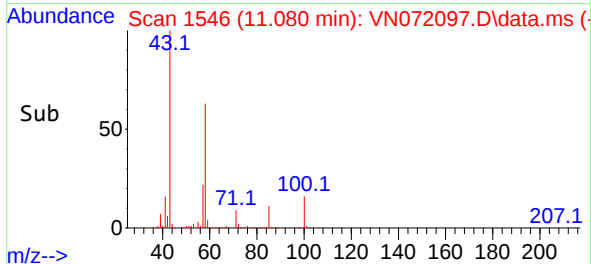
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



Tgt Ion: 43 Resp: 524100
Ion Ratio Lower Upper
43 100
58 62.3 29.7 89.1

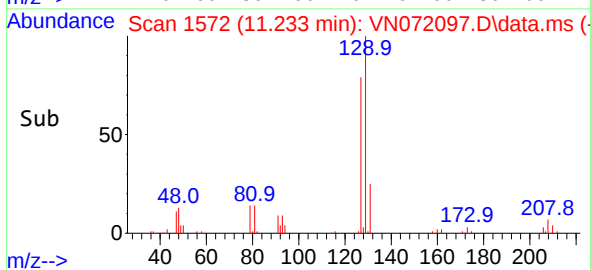
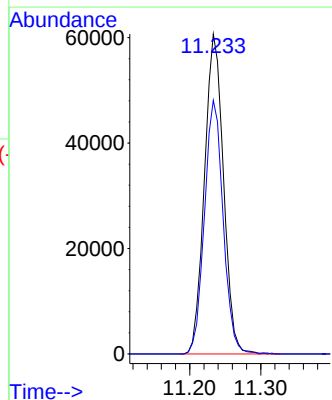
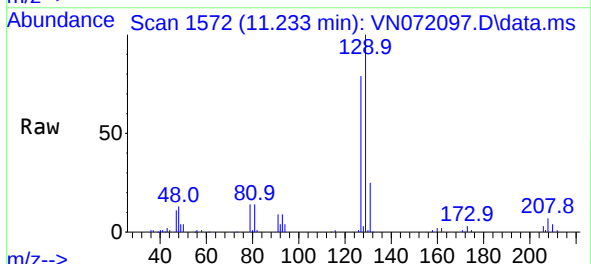
Manual Integrations
APPROVED

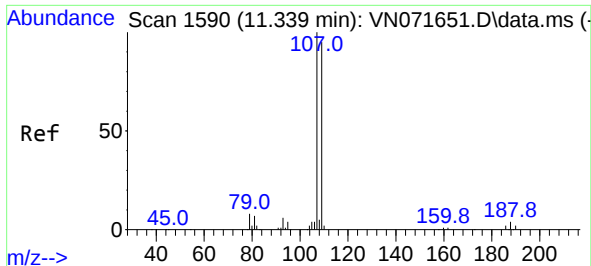
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#60
Dibromochloromethane
Concen: 23.211 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

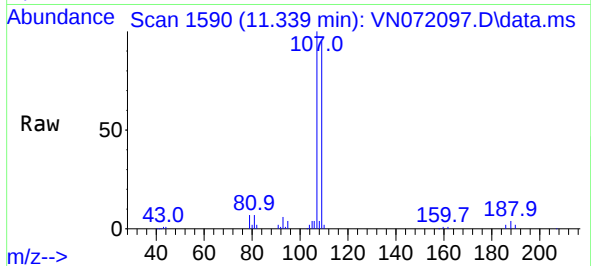
Tgt Ion:129 Resp: 112773
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 22.978 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

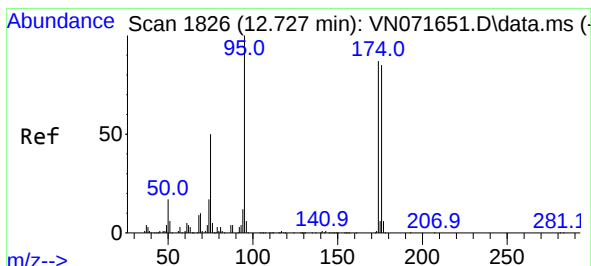
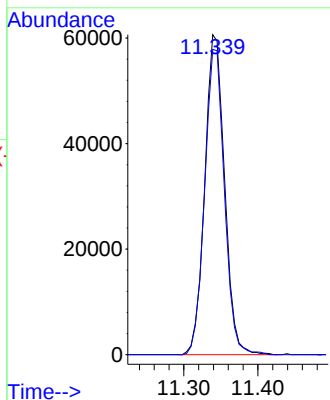
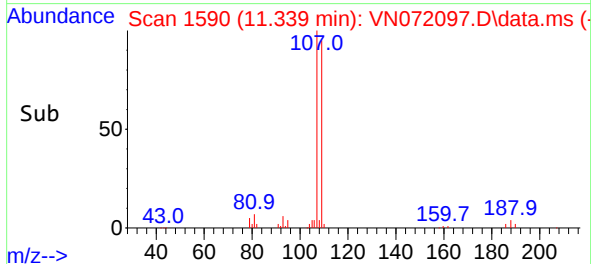
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



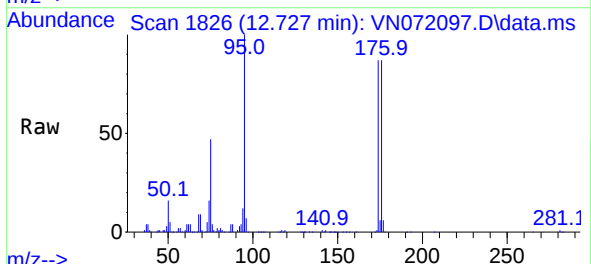
Tgt Ion:107 Resp: 112700
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6

Manual Integrations
APPROVED

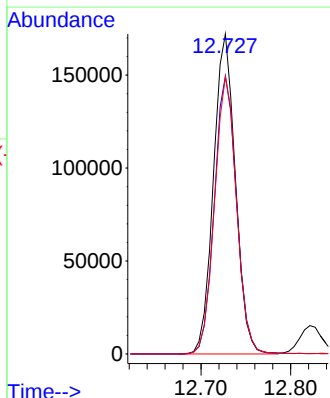
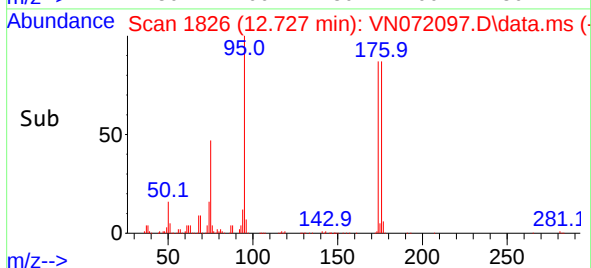
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

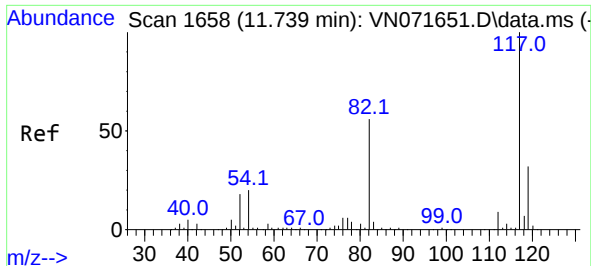


#62
4-Bromofluorobenzene
Concen: 50.749 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



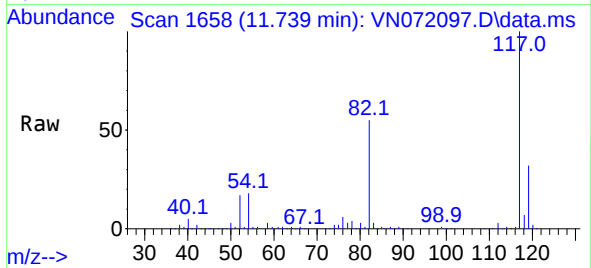
Tgt Ion: 95 Resp: 291524
Ion Ratio Lower Upper
95 100
174 88.1 0.0 167.6
176 86.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

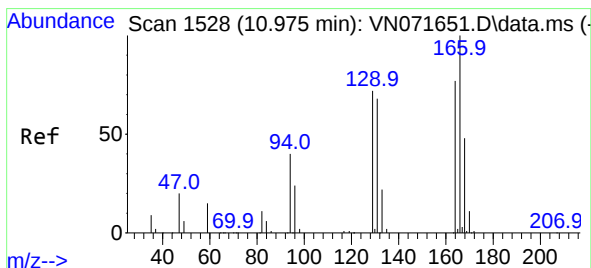
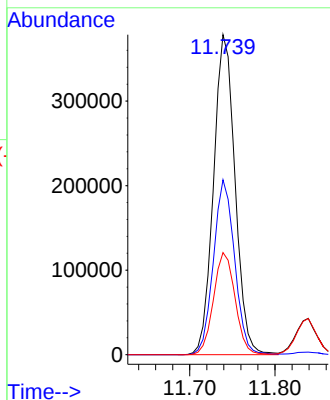
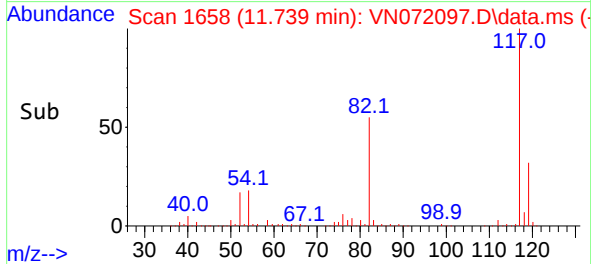
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



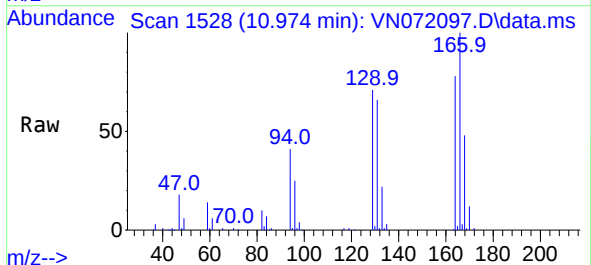
Tgt Ion:117 Resp: 665100
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations
APPROVED

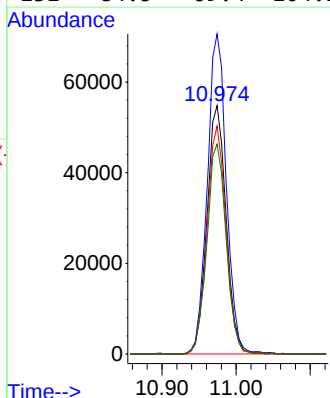
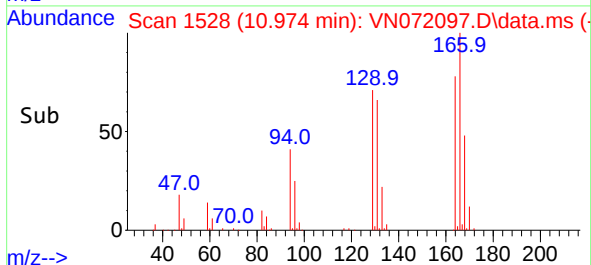
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

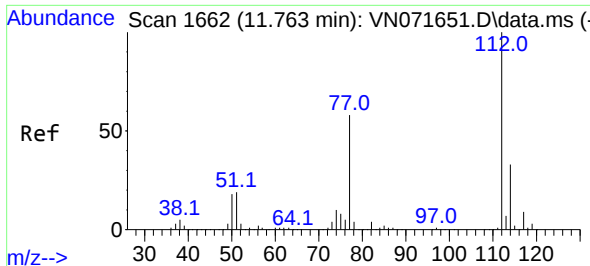


#64
Tetrachloroethene
Concen: 22.469 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



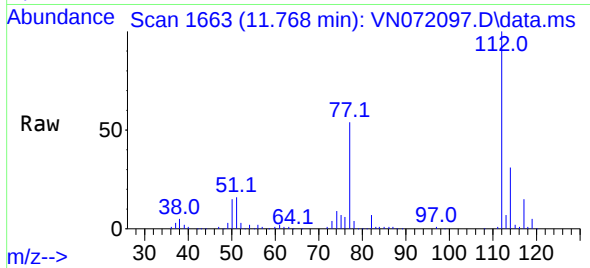
Tgt Ion:164 Resp: 98682
Ion Ratio Lower Upper
164 100
166 128.9 104.2 156.2
129 91.8 73.9 110.9
131 84.5 69.4 104.2





#65
Chlorobenzene
Concen: 22.381 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

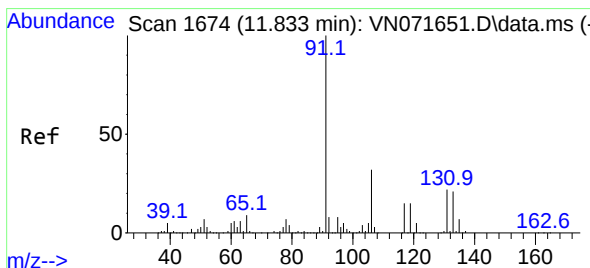
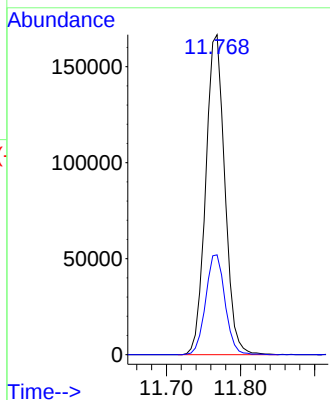
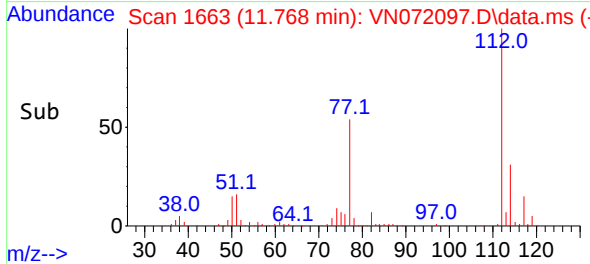
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



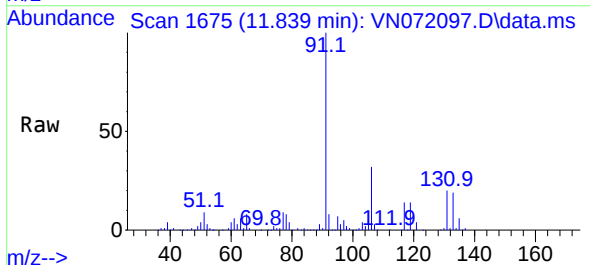
Tgt Ion:112 Resp: 298069
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

Manual Integrations
APPROVED

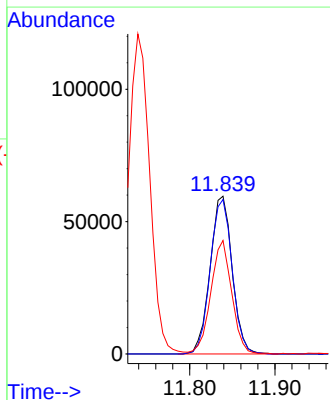
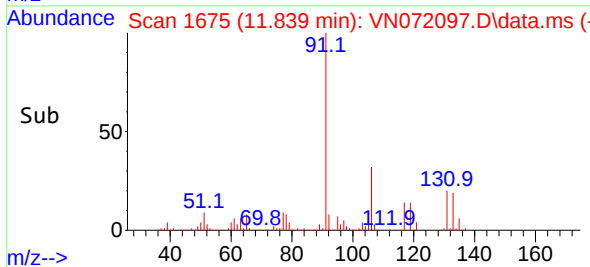
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 22.322 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



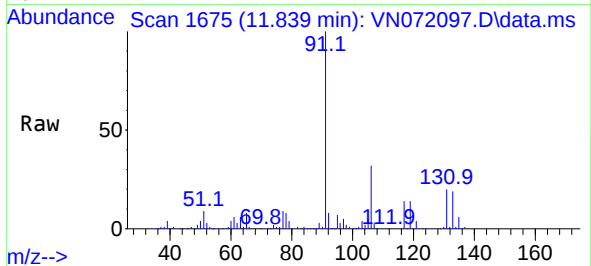
Tgt Ion:131 Resp: 107272
Ion Ratio Lower Upper
131 100
133 97.3 47.8 143.4
119 68.1 33.4 100.2





#67
Ethyl Benzene
Concen: 22.162 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

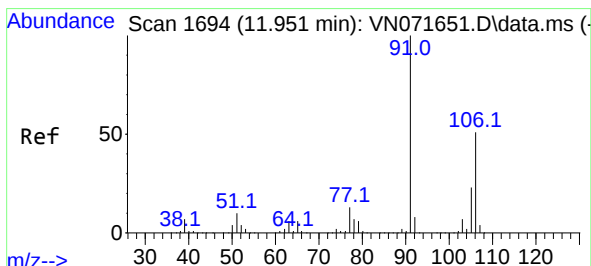
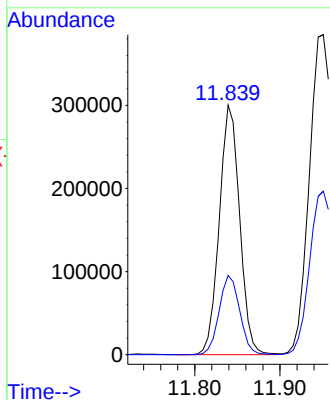
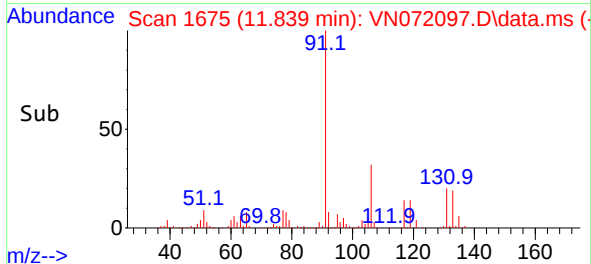
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



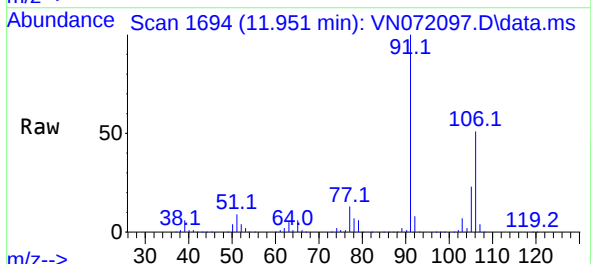
Tgt Ion: 91 Resp: 49963
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations
APPROVED

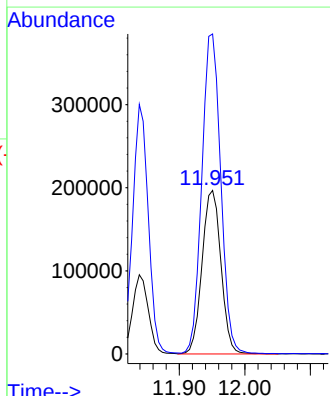
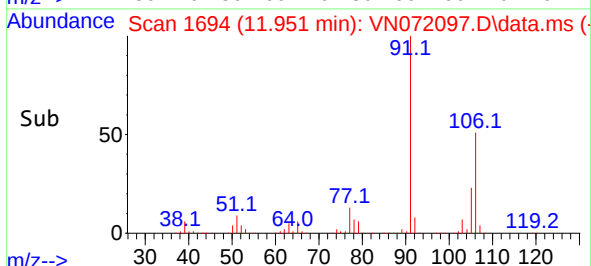
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

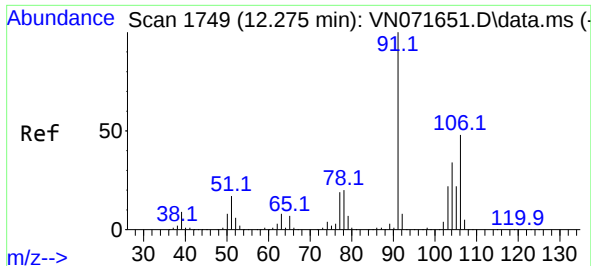


#68
m/p-Xylenes
Concen: 45.536 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



Tgt Ion:106 Resp: 394454
Ion Ratio Lower Upper
106 100
91 195.8 158.9 238.3





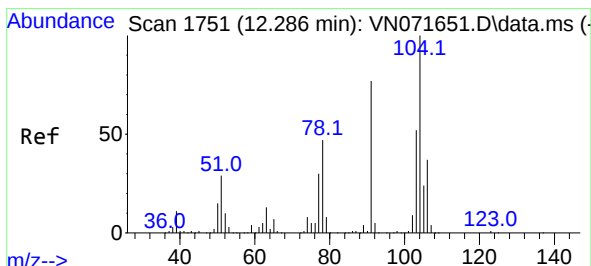
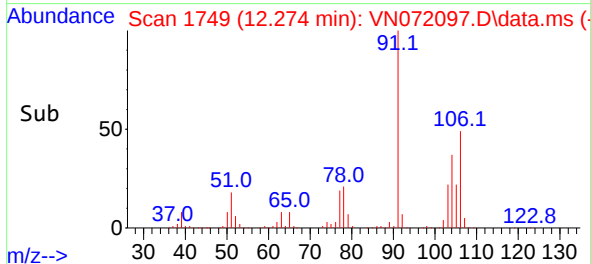
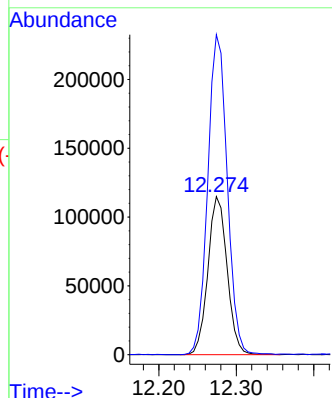
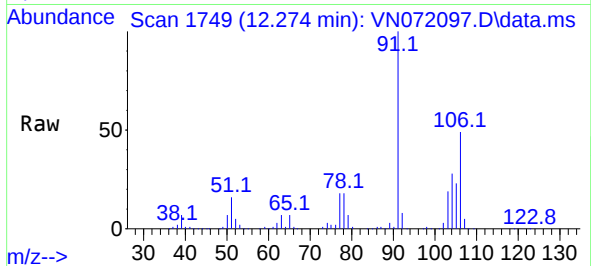
#69
o-Xylene
Concen: 22.995 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02

Tgt Ion:106 Resp: 197715
Ion Ratio Lower Upper
106 100
91 205.1 106.0 318.0

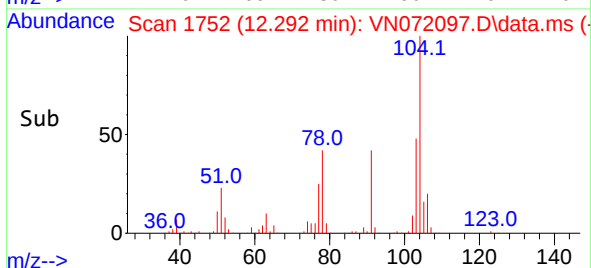
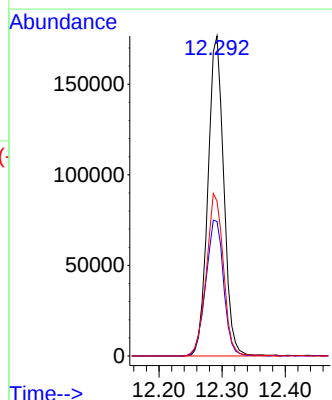
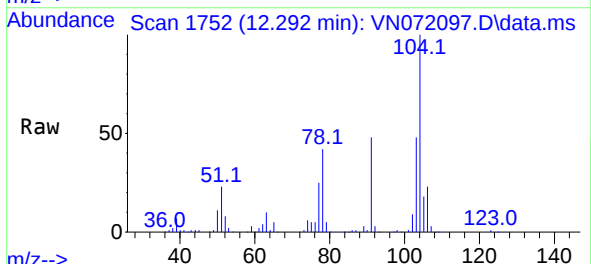
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#70
Styrene
Concen: 23.677 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

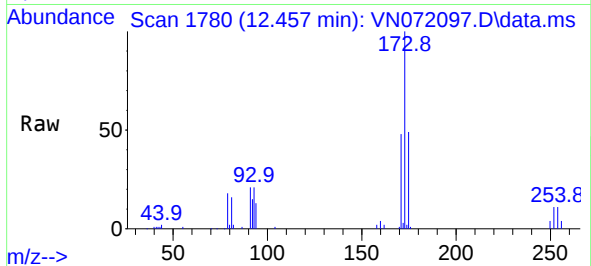
Tgt Ion:104 Resp: 308447
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 54.5 44.0 66.0





#71
Bromoform
Concen: 24.221 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

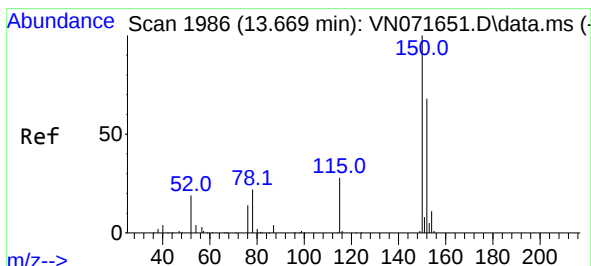
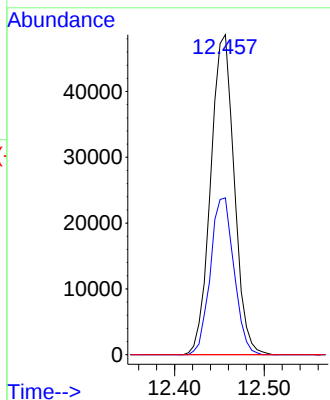
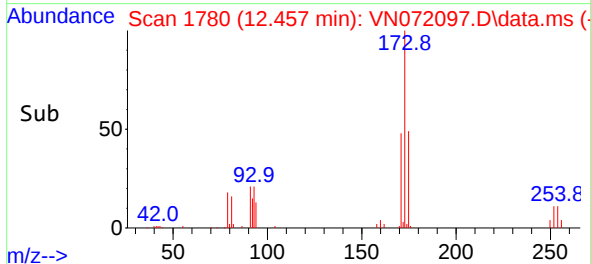
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



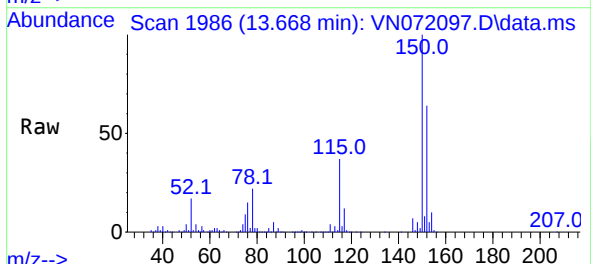
Tgt Ion:173 Resp: 8864
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

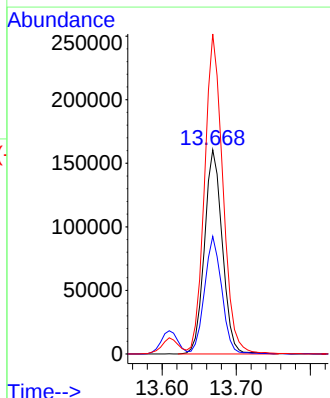
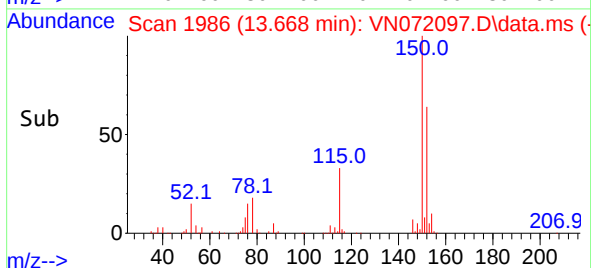
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

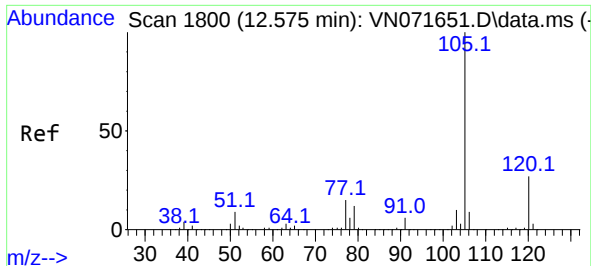


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



Tgt Ion:152 Resp: 268767
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.7
150 161.1 0.0 356.2





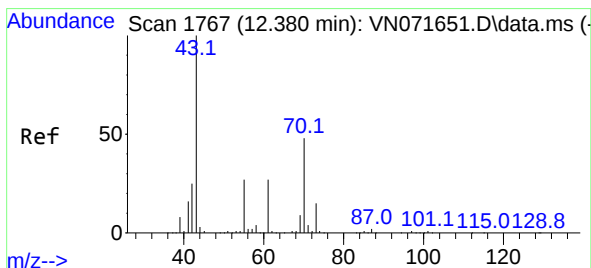
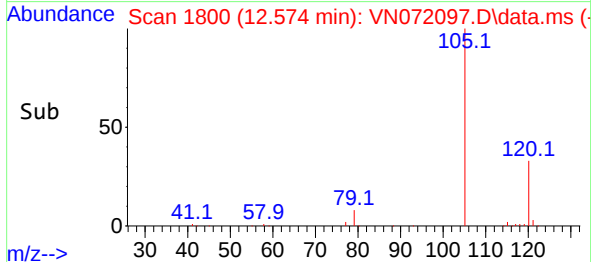
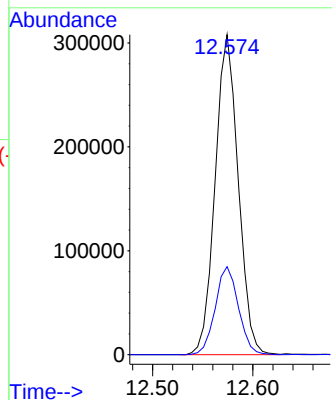
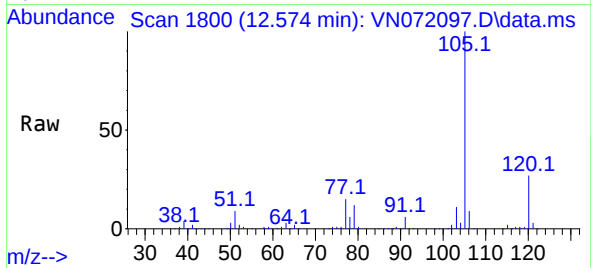
#73
Isopropylbenzene
Concen: 21.732 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02

Tgt Ion:105 Resp: 492184
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

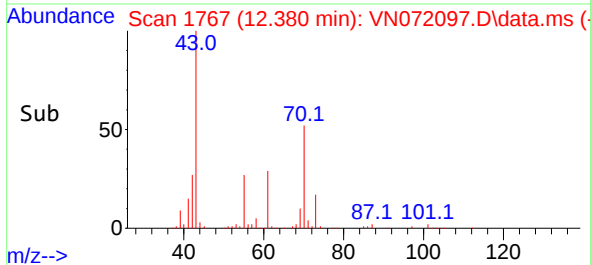
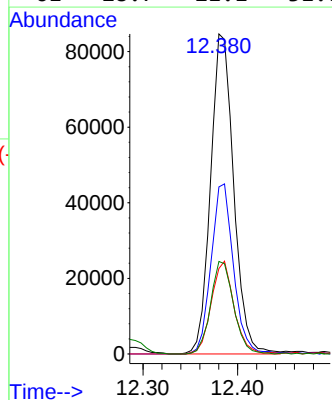
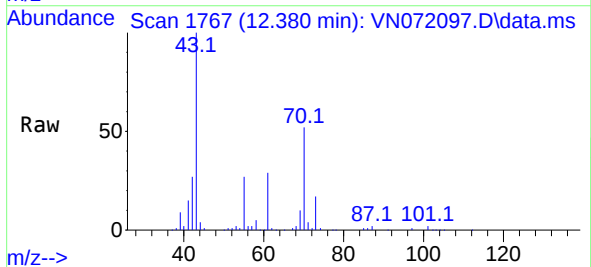
Manual Integrations
APPROVED

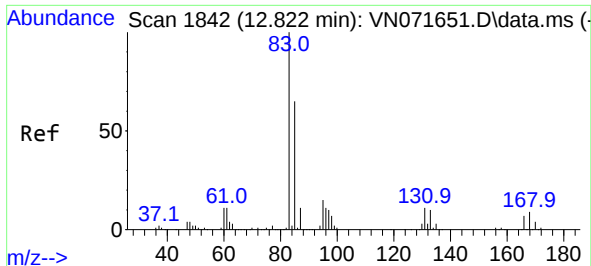
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#74
N-ethyl acetate
Concen: 22.109 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

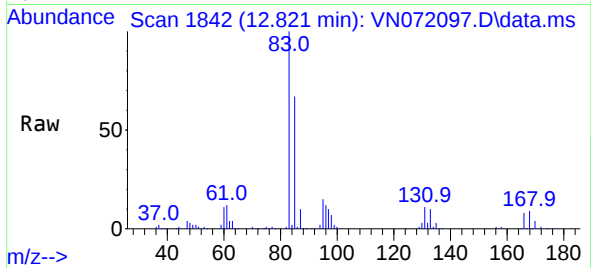
Tgt Ion: 43 Resp: 143469
Ion Ratio Lower Upper
43 100
70 51.9 39.0 58.4
55 28.6 21.1 31.7
61 28.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.868 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

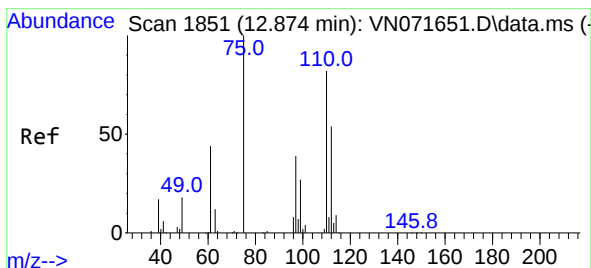
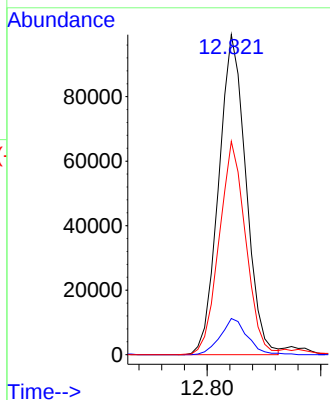
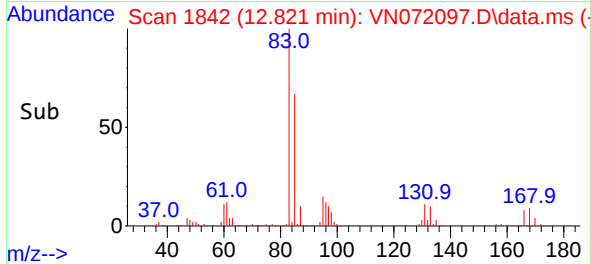
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



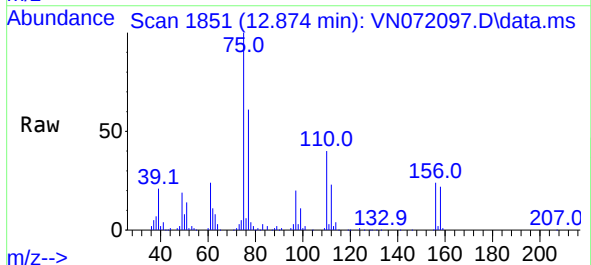
Tgt Ion: 83 Resp: 165248
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.9
85 65.0 32.3 96.9

Manual Integrations
APPROVED

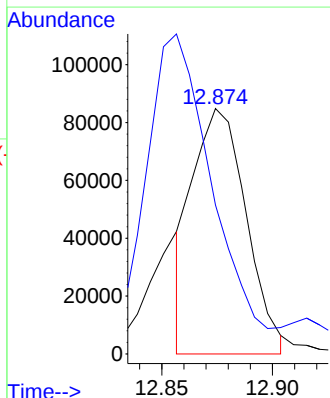
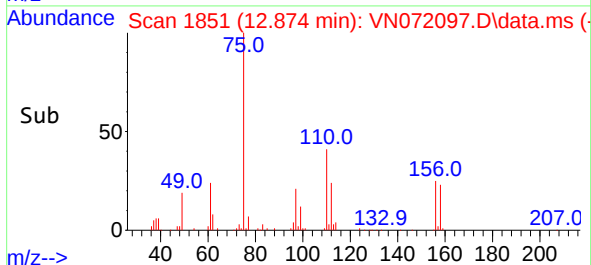
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

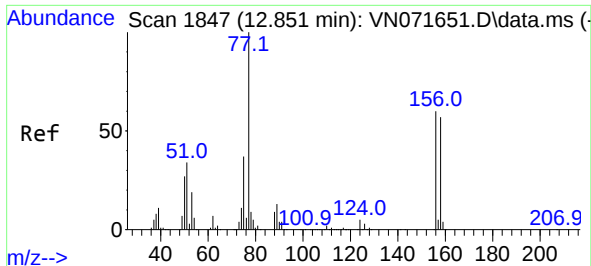


#76
1,2,3-Trichloropropane
Concen: 22.977 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



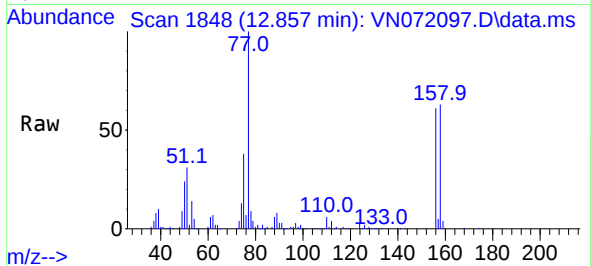
Tgt Ion: 75 Resp: 143059
Ion Ratio Lower Upper
75 100
77 162.6 98.5 295.5





#77
Bromobenzene
Concen: 21.530 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

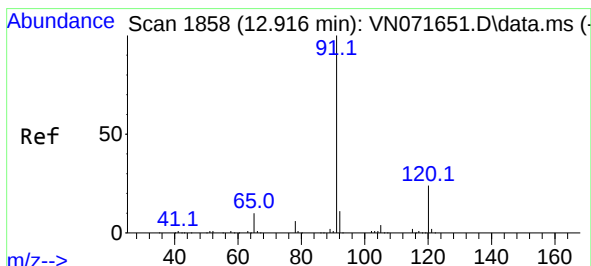
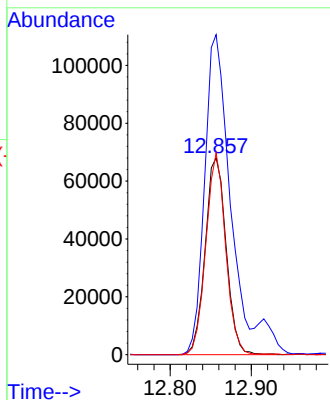
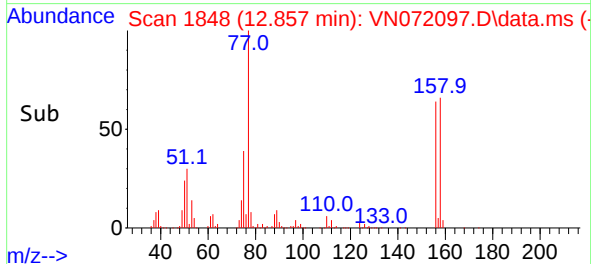
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



Tgt Ion:156 Resp: 12223
Ion Ratio Lower Upper
156 100
77 190.3 100.5 301.5
158 96.4 48.9 146.6

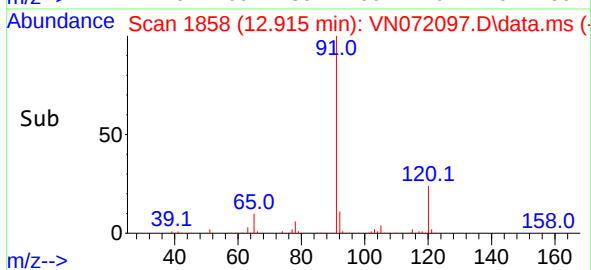
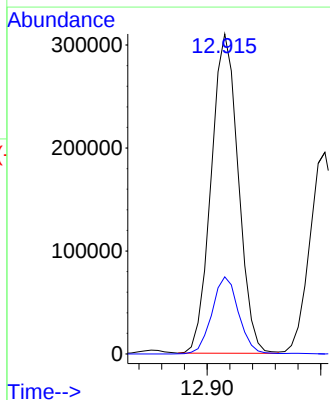
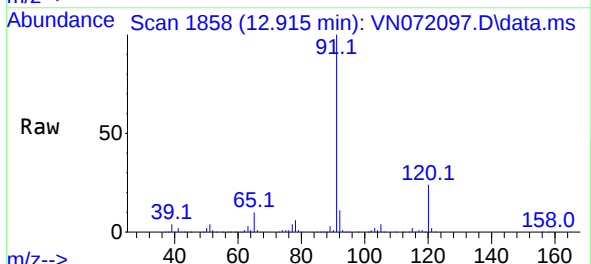
Manual Integrations
APPROVED

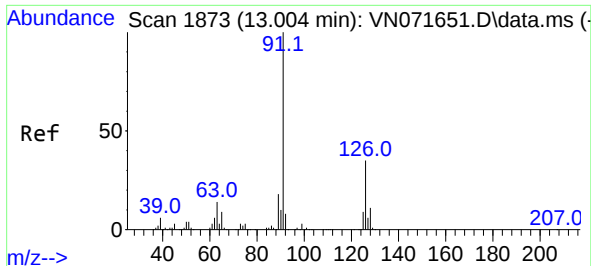
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#78
n-propylbenzene
Concen: 21.591 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

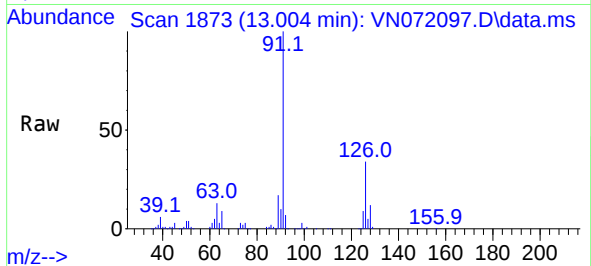
Tgt Ion: 91 Resp: 514377
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 21.744 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

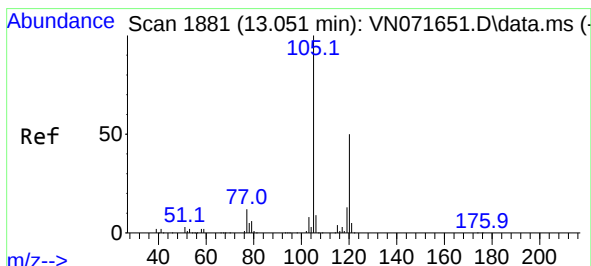
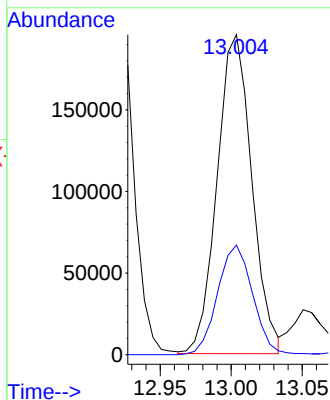
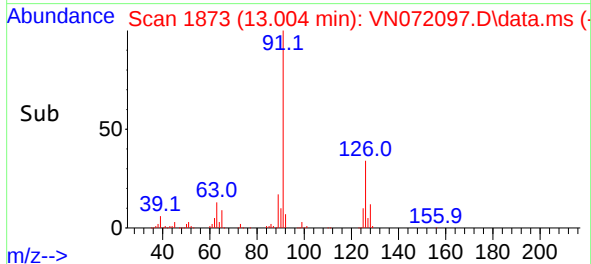
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



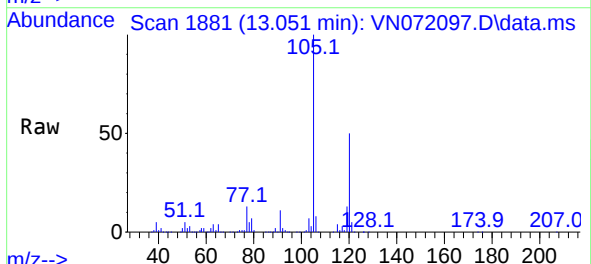
Tgt Ion: 91 Resp: 332217
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

Manual Integrations
APPROVED

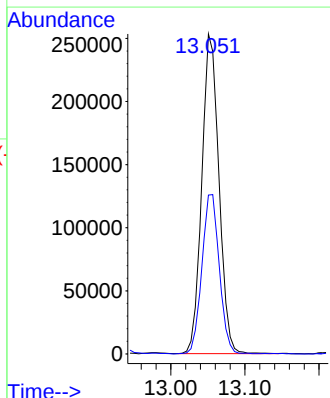
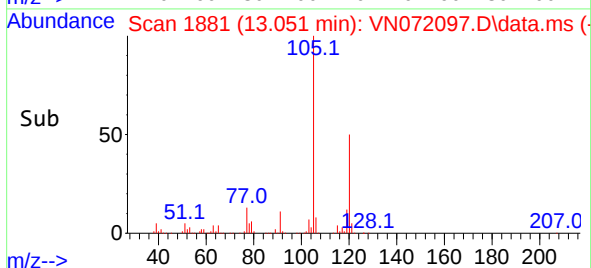
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

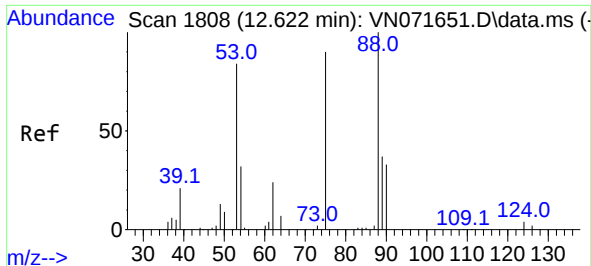


#80
1,3,5-Trimethylbenzene
Concen: 22.685 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



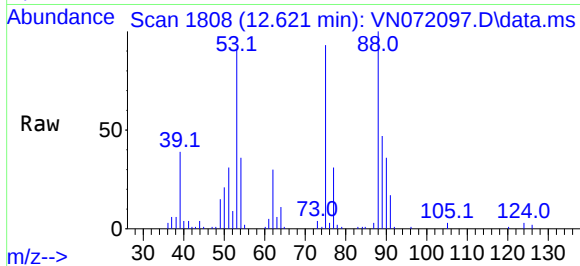
Tgt Ion:105 Resp: 407078
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.806 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

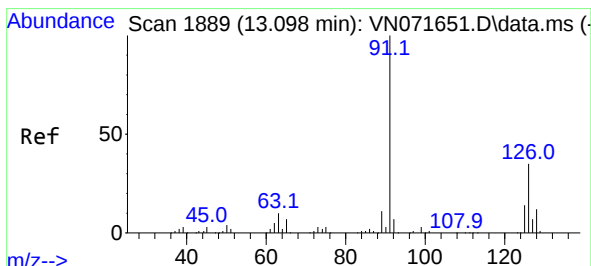
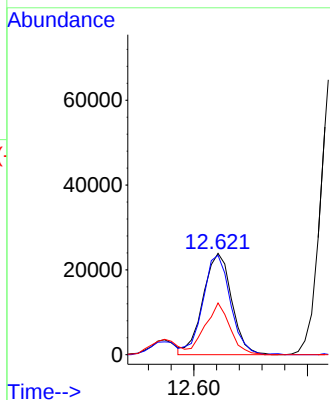
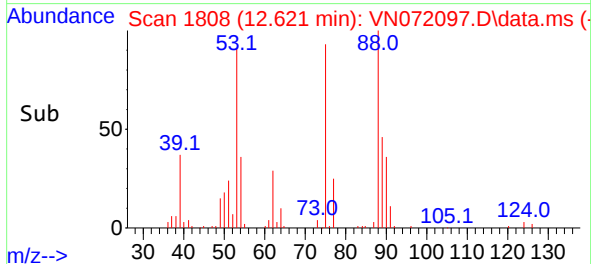
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



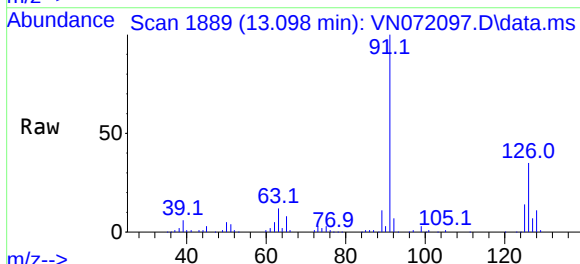
Tgt Ion: 75 Resp: 41802
Ion Ratio Lower Upper
75 100
53 94.6 78.0 117.0
89 44.6 37.2 55.8

Manual Integrations
APPROVED

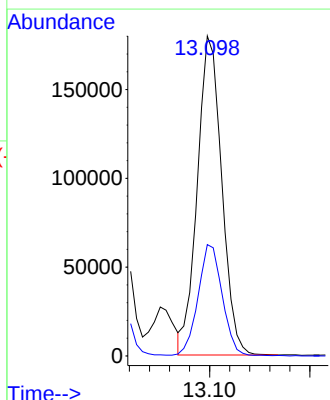
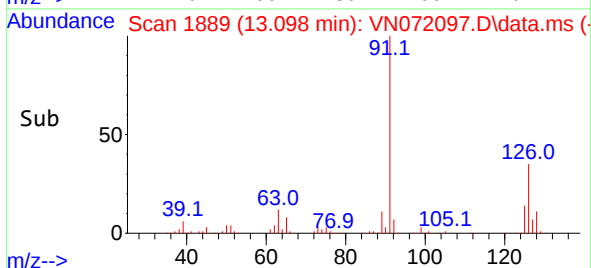
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

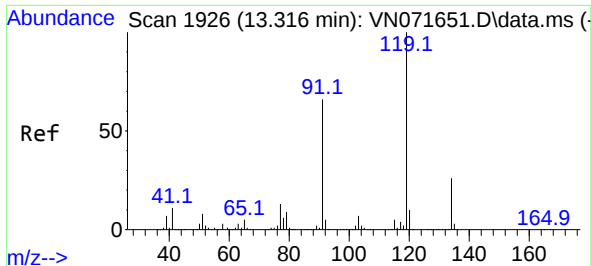


#82
4-Chlorotoluene
Concen: 21.451 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



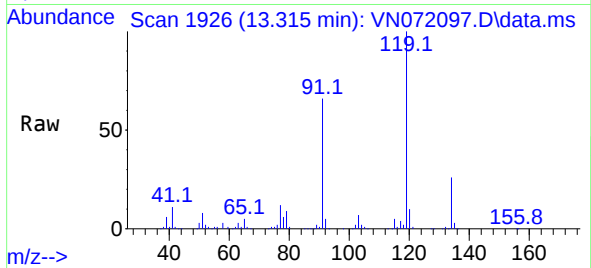
Tgt Ion: 91 Resp: 303794
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 22.076 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

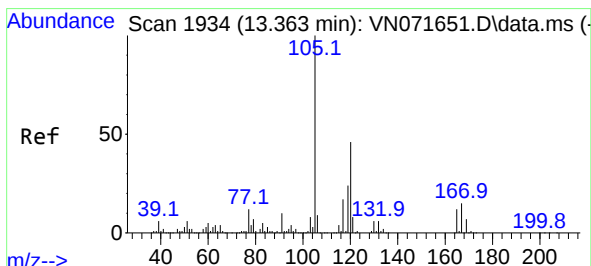
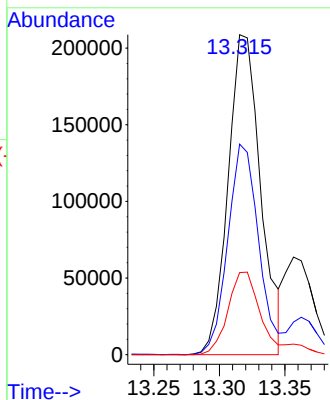
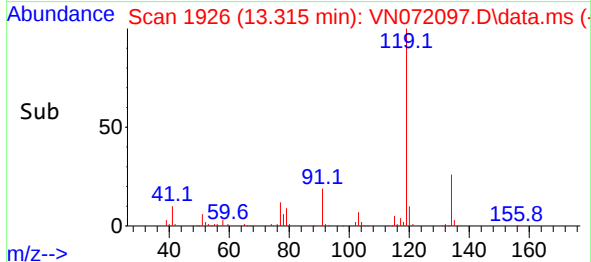
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



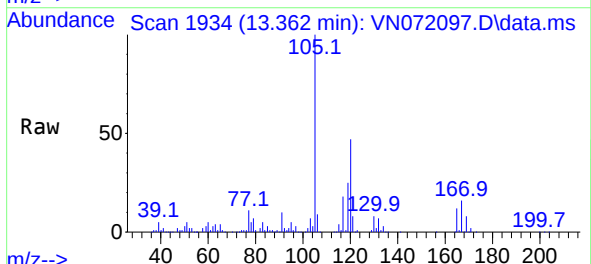
Tgt Ion:119 Resp: 362111
Ion Ratio Lower Upper
119 100
91 62.1 31.6 94.8
134 27.4 13.7 41.1

Manual Integrations
APPROVED

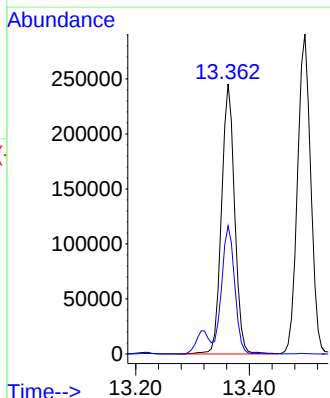
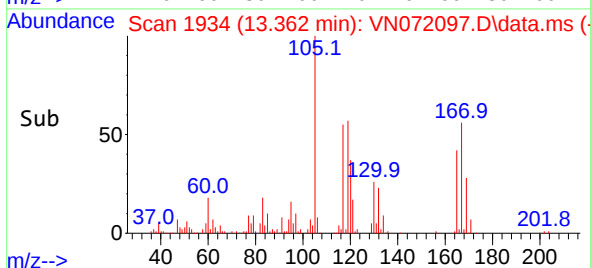
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

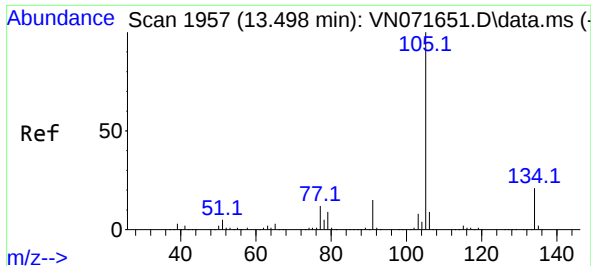


#84
1,2,4-Trimethylbenzene
Concen: 22.566 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



Tgt Ion:105 Resp: 395088
Ion Ratio Lower Upper
105 100
120 47.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 22.090 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072097.D
 Acq: 20 Apr 2022 23:53

Instrument :

MSVOA_N

ClientSampleId :

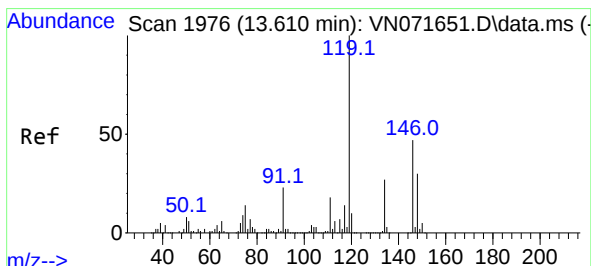
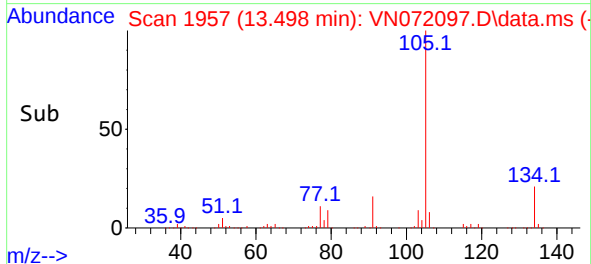
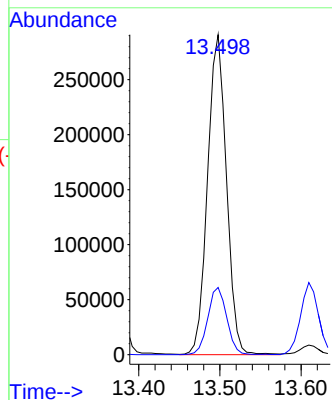
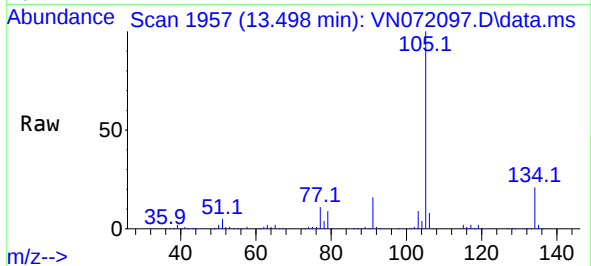
VN0420WBSD02

Tgt Ion:105 Resp: 469720
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

Manual Integrations

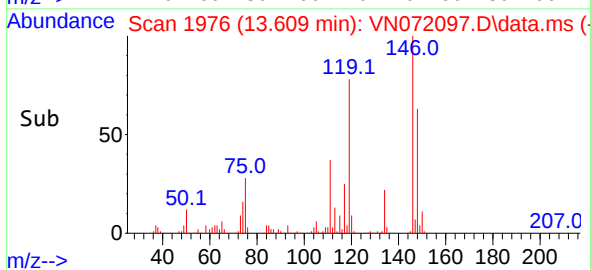
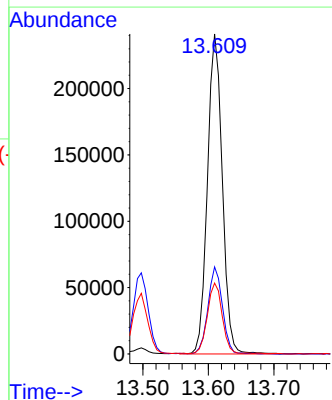
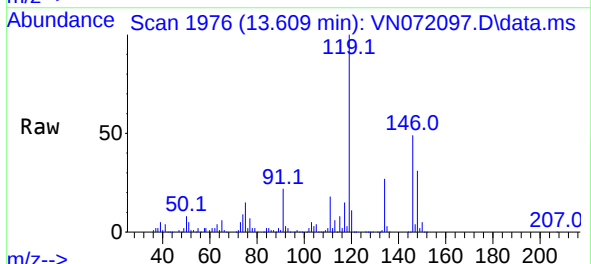
APPROVED

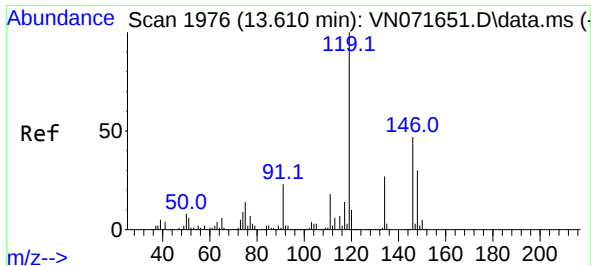
Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



#86
 p-Isopropyltoluene
 Concen: 22.476 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.001 min
 Lab File: VN072097.D
 Acq: 20 Apr 2022 23:53

Tgt Ion:119 Resp: 381064
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 21.537 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. -0.001 min

Lab File: VN072097.D

Acq: 20 Apr 2022 23:53

Instrument :

MSVOA_N

ClientSampleId :

VN0420WBSD02

Tgt Ion:146 Resp: 194808

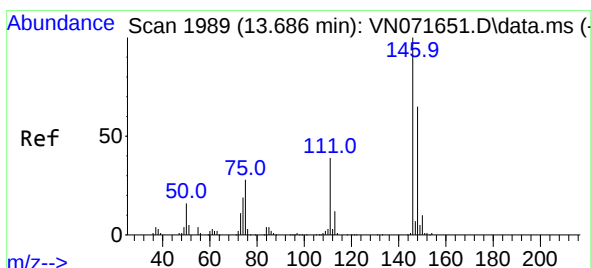
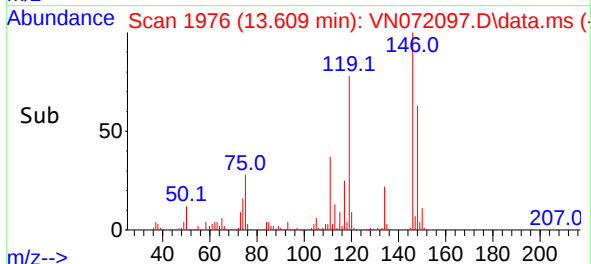
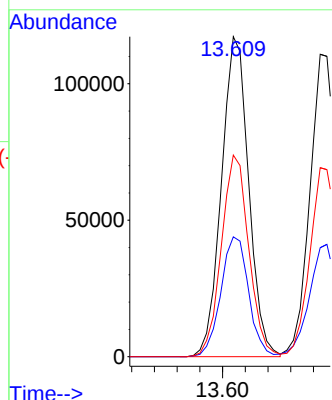
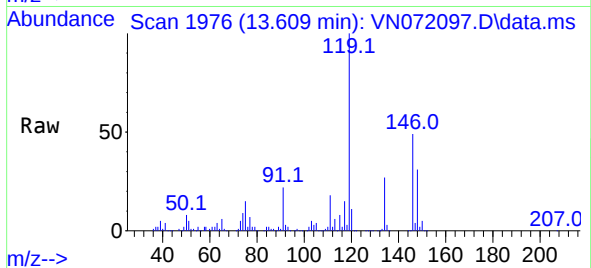
Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.0	60.0
148	63.6	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#88

1,4-Dichlorobenzene

Concen: 21.581 ug/l

RT: 13.686 min Scan# 1989

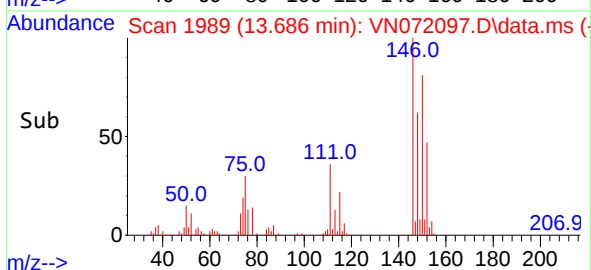
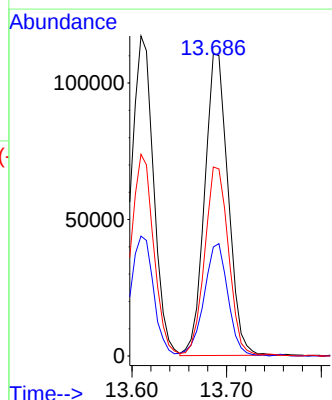
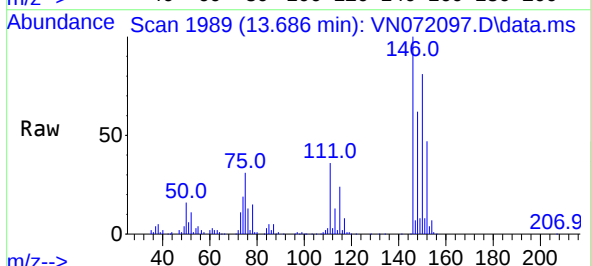
Delta R.T. -0.000 min

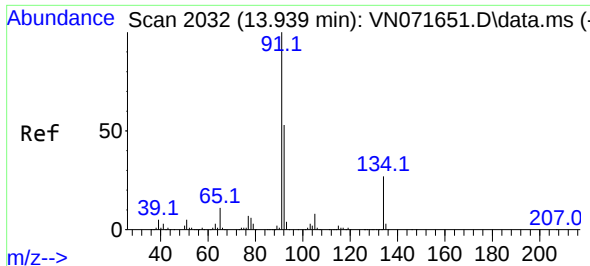
Lab File: VN072097.D

Acq: 20 Apr 2022 23:53

Tgt Ion:146 Resp: 190438

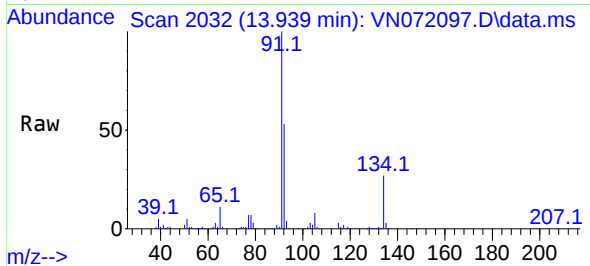
Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.1	31.4	94.3





#89
n-Butylbenzene
Concen: 20.411 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

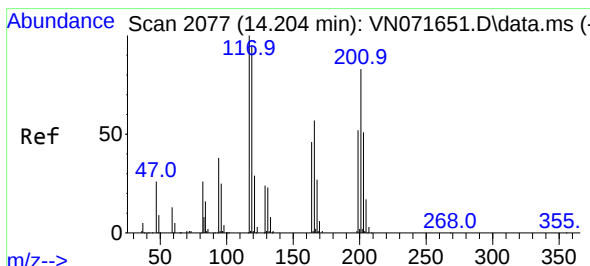
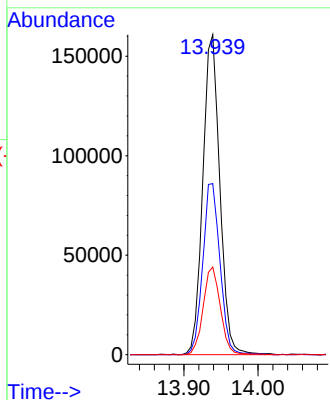
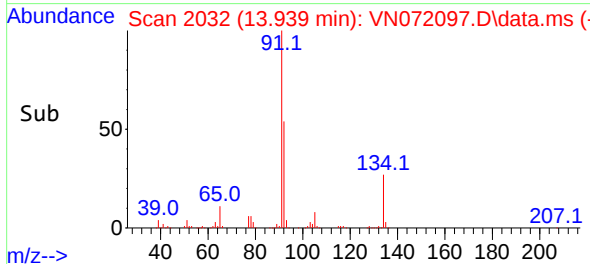
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



Tgt Ion: 91 Resp: 25666
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 27.7 13.6 40.8

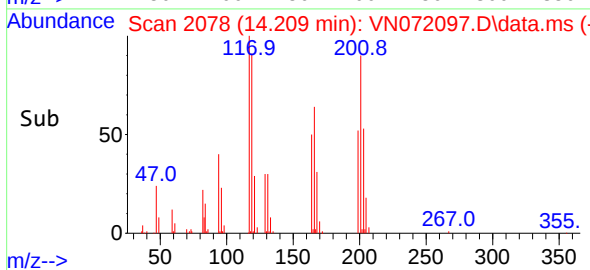
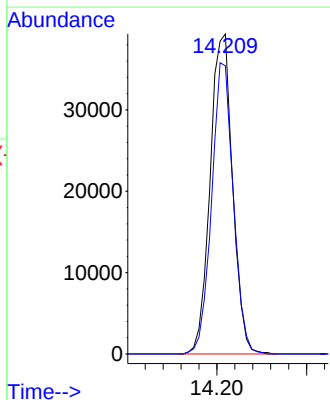
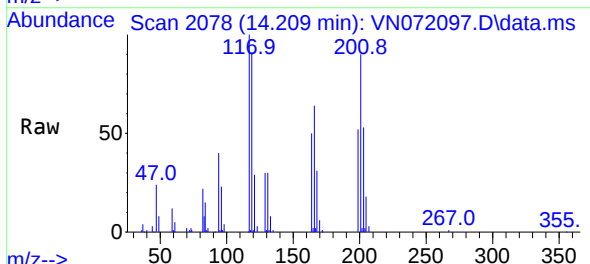
Manual Integrations
APPROVED

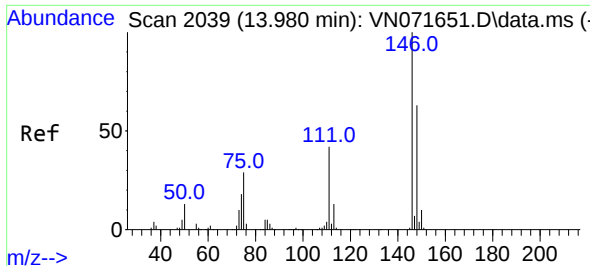
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#90
Hexachloroethane
Concen: 22.001 ug/l
RT: 14.209 min Scan# 2078
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Tgt Ion:117 Resp: 68283
Ion Ratio Lower Upper
117 100
201 87.9 40.6 122.0





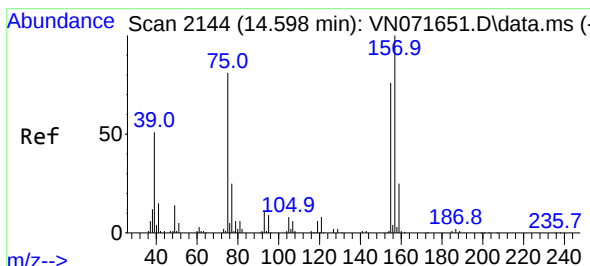
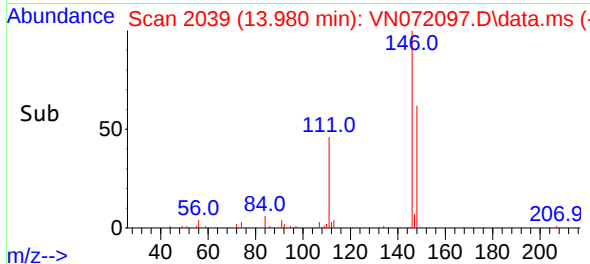
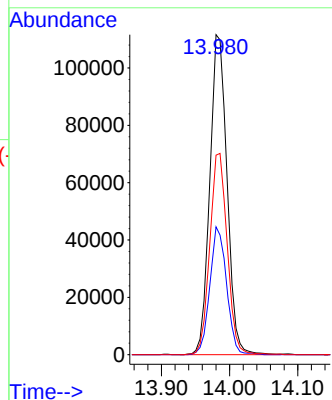
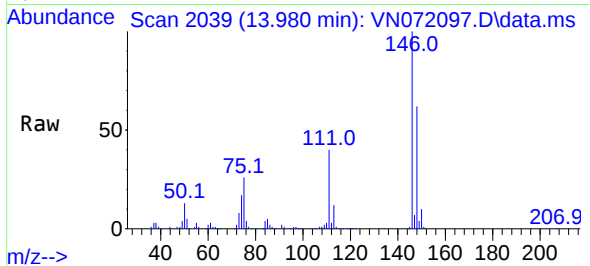
#91
1,2-Dichlorobenzene
Concen: 22.147 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02

Tgt Ion:146 Resp: 196664
Ion Ratio Lower Upper
146 100
111 38.8 20.9 62.8
148 63.7 32.1 96.3

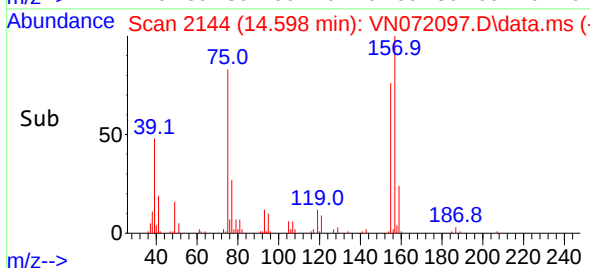
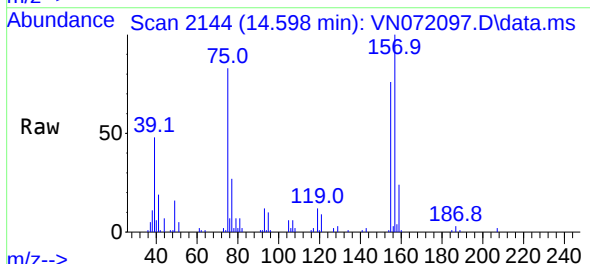
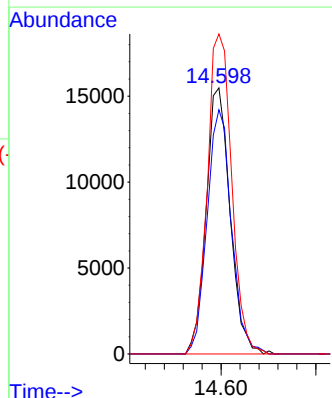
Manual Integrations
APPROVED

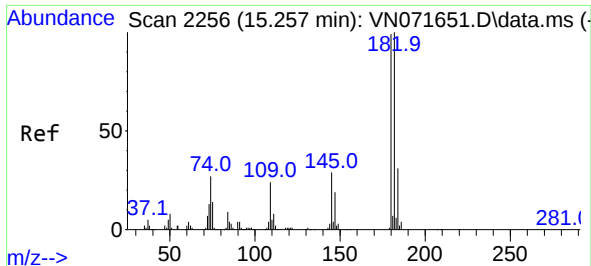
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.133 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

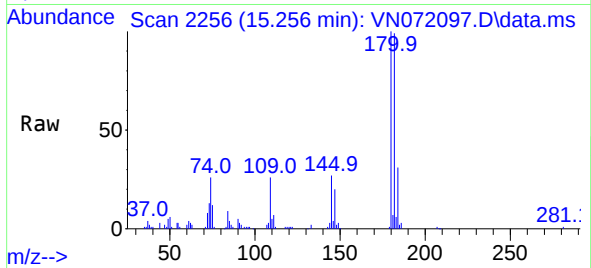
Tgt Ion: 75 Resp: 27115
Ion Ratio Lower Upper
75 100
155 93.6 44.9 134.5
157 123.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 22.378 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

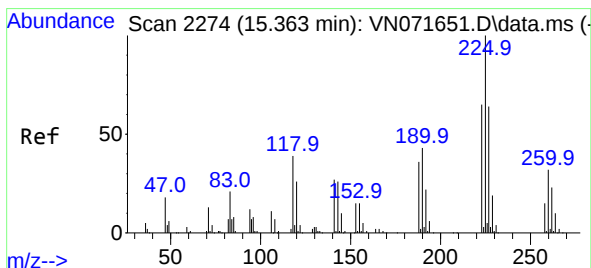
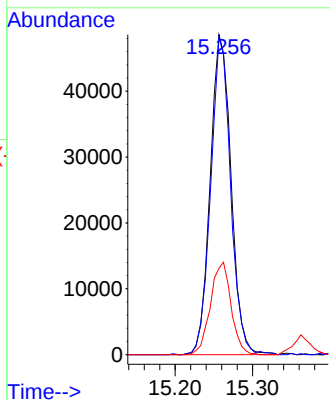
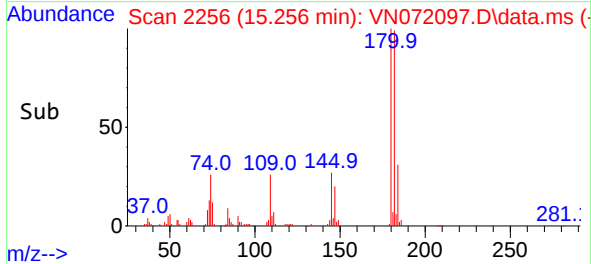
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



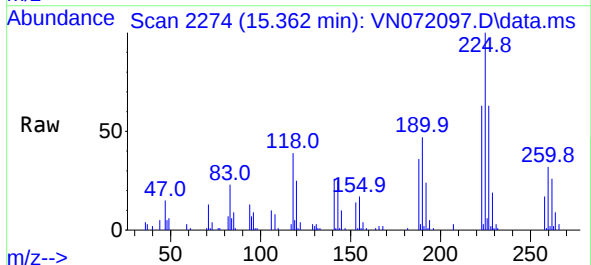
Tgt Ion:180 Resp: 90570
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 28.7 14.5 43.5

Manual Integrations
APPROVED

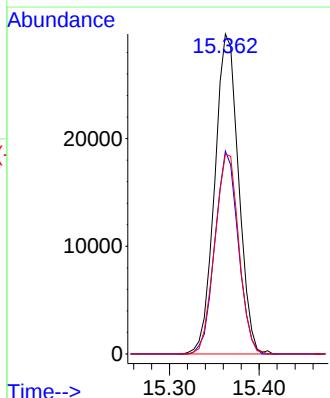
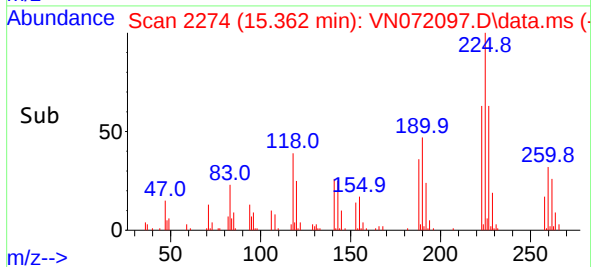
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

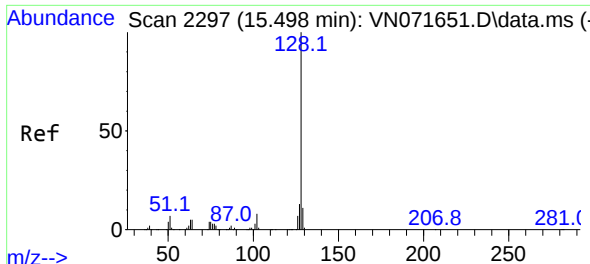


#94
Hexachlorobutadiene
Concen: 20.913 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53



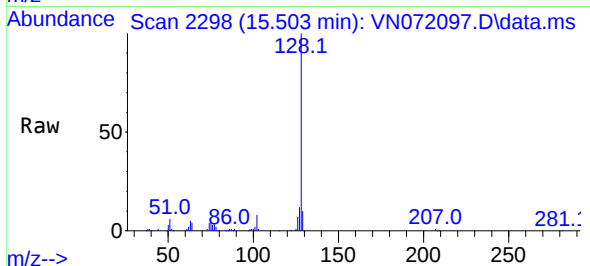
Tgt Ion:225 Resp: 54771
Ion Ratio Lower Upper
225 100
223 61.7 32.4 97.2
227 62.9 31.8 95.4





#95
Naphthalene
Concen: 23.039 ug/l
RT: 15.503 min Scan# 2297
Delta R.T. 0.005 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

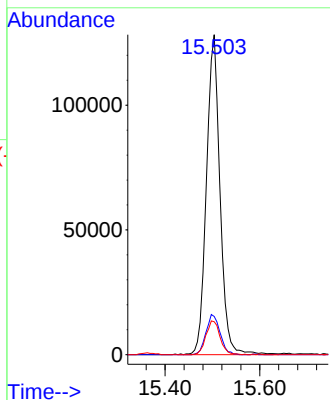
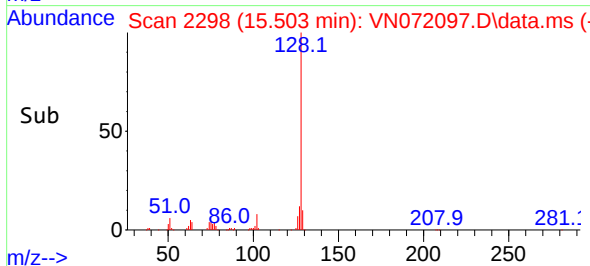
Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02



Tgt Ion:128 Resp: 254815
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 23.343 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072097.D
Acq: 20 Apr 2022 23:53

Tgt Ion:180 Resp: 91121
Ion Ratio Lower Upper
180 100
182 97.7 47.8 143.3
145 30.4 15.5 46.5

