

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071434.D
 Acq On : 21 Mar 2022 21:42
 Operator : JC\MD
 Sample : VN0321WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 06:24:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	607892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1018699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	905255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	353030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	463760	55.664	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.320%			
35) Dibromofluoromethane	8.016	113	346866	53.959	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.920%			
50) Toluene-d8	10.439	98	1363792	52.692	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.380%			
62) 4-Bromofluorobenzene	12.727	95	457434	52.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	108852	16.338	ug/l	98
3) Chloromethane	2.299	50	158470	17.695	ug/l	100
4) Vinyl Chloride	2.440	62	144473	17.695	ug/l	99
5) Bromomethane	2.834	94	78023	17.519	ug/l	97
6) Chloroethane	3.005	64	94309	19.073	ug/l	97
7) Trichlorofluoromethane	3.369	101	199533	18.567	ug/l	96
8) Diethyl Ether	3.822	74	89462	19.454	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.204	101	119137	19.150	ug/l	94
10) Methyl Iodide	4.422	142	147473	16.784	ug/l	99
11) Tert butyl alcohol	5.363	59	183371	112.039	ug/l	99
12) 1,1-Dichloroethene	4.181	96	111608	18.314	ug/l	97
13) Acrolein	4.040	56	70712	40.819	ug/l	100
14) Allyl chloride	4.840	41	241013	18.183	ug/l #	86
15) Acrylonitrile	5.551	53	501244	103.141	ug/l	99
16) Acetone	4.281	43	430628	106.229	ug/l	100
17) Carbon Disulfide	4.528	76	257689	14.852	ug/l	100
18) Methyl Acetate	4.851	43	250251	23.240	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	471858	20.622	ug/l	95
20) Methylene Chloride	5.093	84	145290	19.842	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	118875	17.833	ug/l	90
22) Diisopropyl ether	6.493	45	530236	20.305	ug/l	92
23) Vinyl Acetate	6.428	43	2264855	102.448	ug/l	98
24) 1,1-Dichloroethane	6.387	63	270127	19.576	ug/l	100
25) 2-Butanone	7.328	43	713321	109.235	ug/l	96
26) 2,2-Dichloropropane	7.322	77	197284	18.532	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	150987	19.084	ug/l	89
28) Bromochloromethane	7.651	49	96592	15.719	ug/l #	81
29) Tetrahydrofuran	7.681	42	481628	106.462	ug/l	92
30) Chloroform	7.816	83	262956	19.980	ug/l	99
31) Cyclohexane	8.092	56	243406	18.295	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	221665	19.773	ug/l	98
36) 1,1-Dichloropropene	8.216	75	182659	17.735	ug/l	96
37) Ethyl Acetate	7.410	43	282376	19.921	ug/l	97
38) Carbon Tetrachloride	8.204	117	182551	18.324	ug/l	99
39) Methylcyclohexane	9.457	83	213388	17.611	ug/l	92
40) Benzene	8.457	78	583339	18.798	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	143293	20.657	ug/l	86
42) 1,2-Dichloroethane	8.528	62	216791	20.076	ug/l	99
43) Isopropyl Acetate	8.557	43	451280	21.290	ug/l	94
44) Trichloroethene	9.210	130	137966	18.843	ug/l	98
45) 1,2-Dichloropropane	9.486	63	162158	19.466	ug/l	98
46) Dibromomethane	9.575	93	96993	18.917	ug/l	97
47) Bromodichloromethane	9.757	83	198157	19.124	ug/l	99
48) Methyl methacrylate	9.557	41	198535	20.211	ug/l #	84
49) 1,4-Dioxane	9.563	88	78056	457.142	ug/l	91
51) 4-Methyl-2-Pentanone	10.328	43	1392827	105.878	ug/l	100
52) Toluene	10.504	92	364741	19.088	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	212998	18.648	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	236106	18.918	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	151744	19.817	ug/l	99
56) Ethyl methacrylate	10.757	69	247429	19.787	ug/l	88
57) 1,3-Dichloropropane	11.039	76	267778	19.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	261815	116.415	ug/l	95
59) 2-Hexanone	11.080	43	1029677	114.717	ug/l	100
60) Dibromochloromethane	11.233	129	148538	19.524	ug/l	100
61) 1,2-Dibromoethane	11.345	107	149022	19.042	ug/l	100
64) Tetrachloroethene	10.975	164	116292	18.419	ug/l	98
65) Chlorobenzene	11.769	112	373284	19.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	142744	20.024	ug/l	99
67) Ethyl Benzene	11.839	91	671812	19.544	ug/l	96
68) m/p-Xylenes	11.951	106	498470	39.640	ug/l	97
69) o-Xylene	12.275	106	250493	19.872	ug/l	96
70) Styrene	12.292	104	392300	20.106	ug/l	98
71) Bromoform	12.457	173	110639	20.438	ug/l #	100
73) Isopropylbenzene	12.574	105	649335	19.080	ug/l	98
74) N-amyl acetate	12.386	43	277275	21.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	241822	22.503	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	219782m	24.232	ug/l	
77) Bromobenzene	12.857	156	151451	19.085	ug/l	78
78) n-propylbenzene	12.916	91	697402	19.097	ug/l	96
79) 2-Chlorotoluene	13.004	91	444829	18.976	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	517072	19.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	63886	19.562	ug/l	96
82) 4-Chlorotoluene	13.104	91	415341	19.891	ug/l	93
83) tert-Butylbenzene	13.321	119	467072	19.767	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	500202	19.724	ug/l	99
85) sec-Butylbenzene	13.498	105	609316	19.401	ug/l	98
86) p-Isopropyltoluene	13.610	119	489340	19.812	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	245395	19.032	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	234773	18.627	ug/l	97
89) n-Butylbenzene	13.939	91	358653	18.566	ug/l	96
90) Hexachloroethane	14.210	117	92211	18.774	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	245385	19.795	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	44066	22.255	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	105235	20.091	ug/l	97
94) Hexachlorobutadiene	15.363	225	67753	19.469	ug/l	100
95) Naphthalene	15.504	128	330941	23.444	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	109301	21.375	ug/l	99

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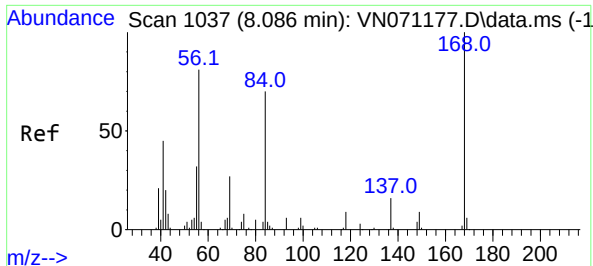
Manual Integrations
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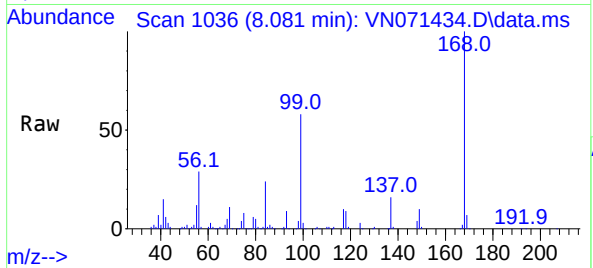
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
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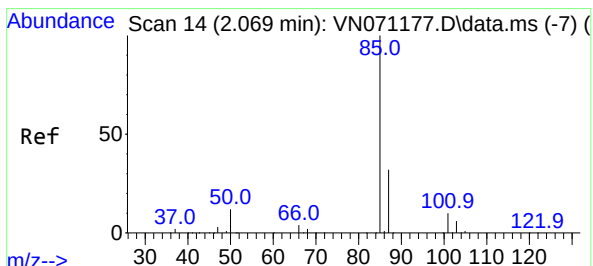
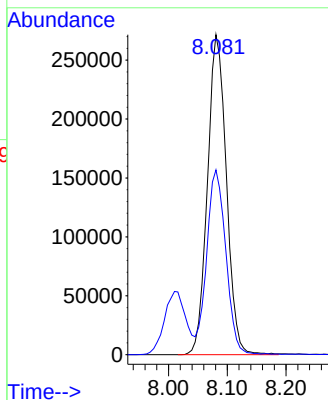
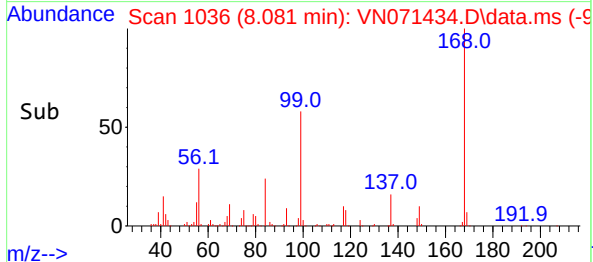
Instrument :
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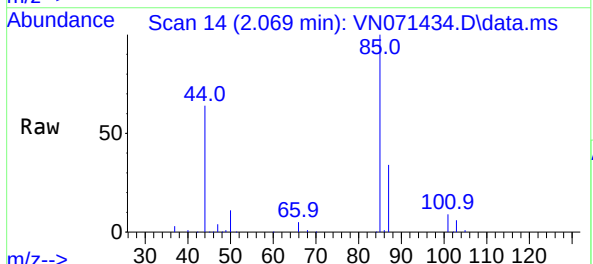
Tgt Ion:168 Resp: 607892
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9

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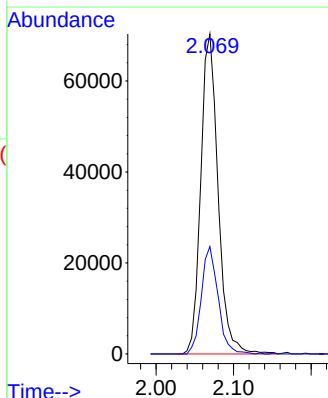
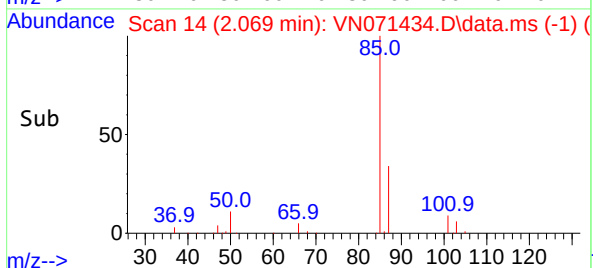
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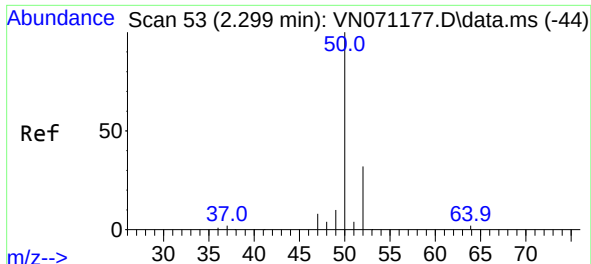


#2
Dichlorodifluoromethane
Concen: 16.338 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



Tgt Ion: 85 Resp: 108852
Ion Ratio Lower Upper
85 100
87 33.5 16.3 48.9





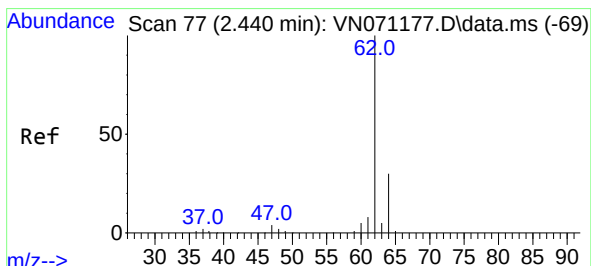
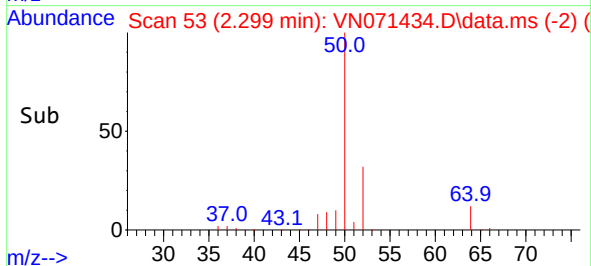
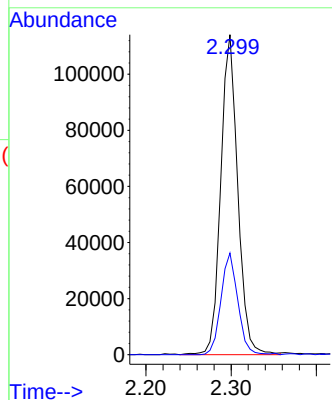
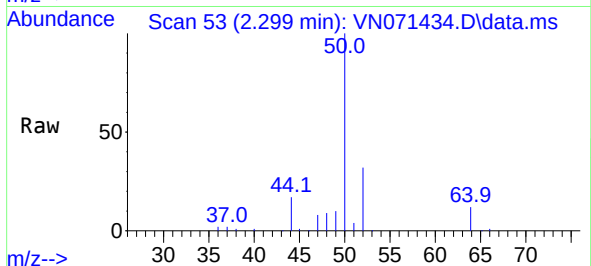
#3
Chloromethane
Concen: 17.695 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

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Tgt Ion: 50 Resp: 158470
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

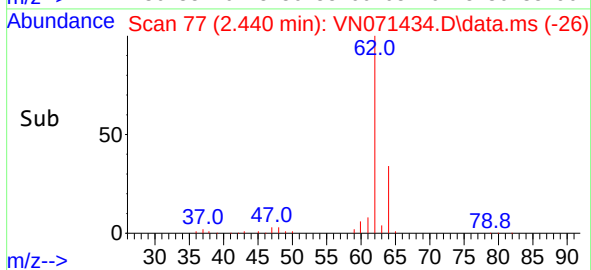
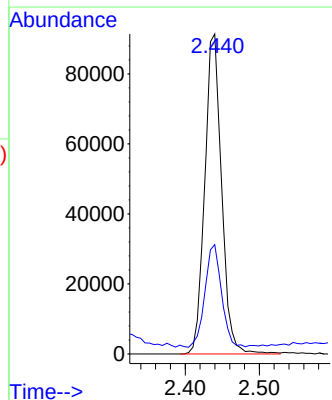
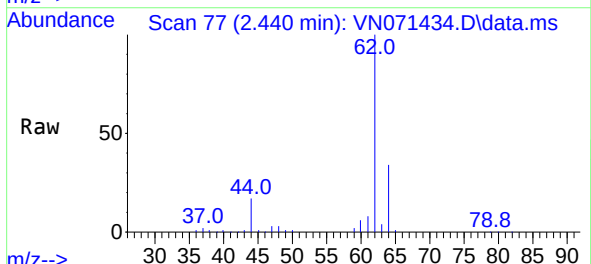
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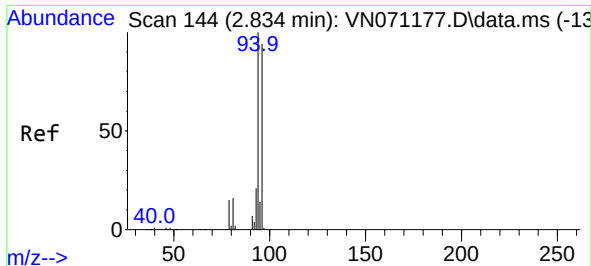
Reviewed By :John Carlone 03/22/2022
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#4
Vinyl Chloride
Concen: 17.695 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

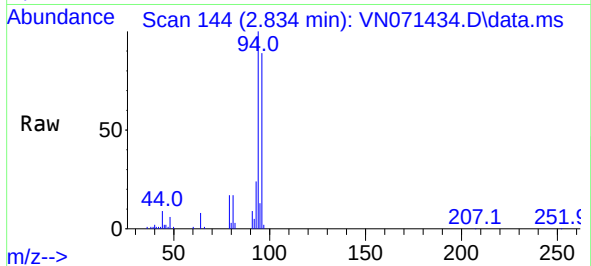
Tgt Ion: 62 Resp: 144473
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.6





#5
Bromomethane
Concen: 17.519 ug/l
RT: 2.834 min Scan# 144
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

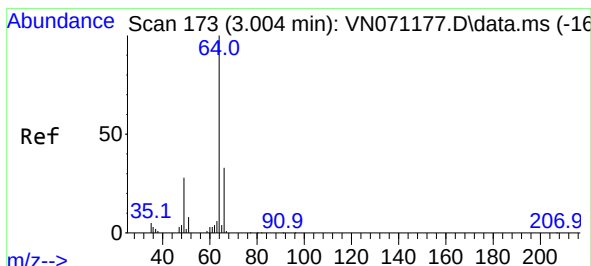
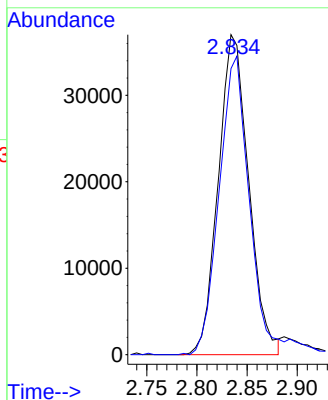
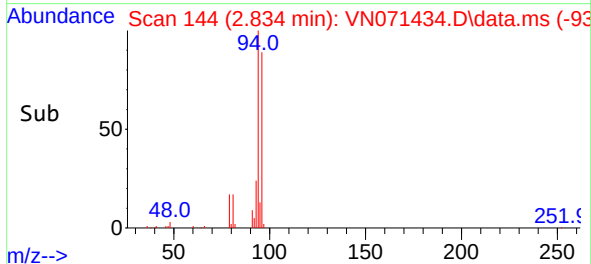
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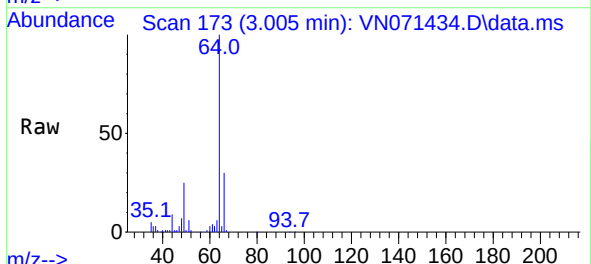
Tgt Ion: 94 Resp: 7802
Ion Ratio Lower Upper
94 100
96 89.4 73.8 110.8

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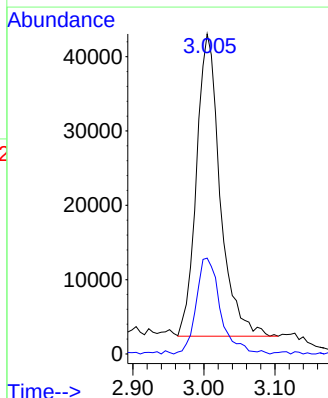
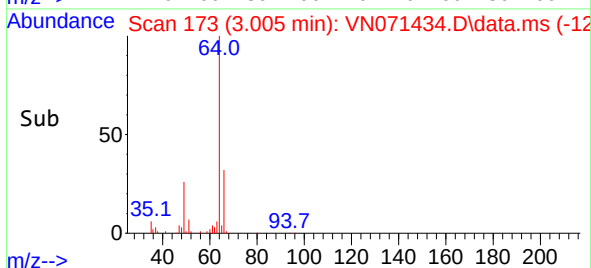
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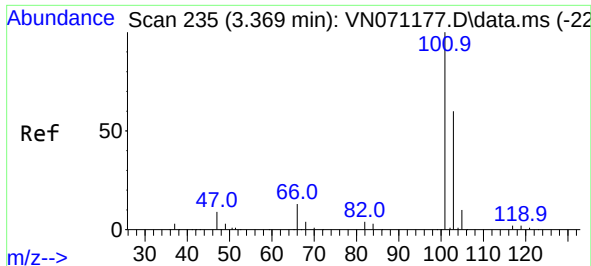


#6
Chloroethane
Concen: 19.073 ug/l
RT: 3.005 min Scan# 173
Delta R.T. 0.001 min
Lab File: VN071434.D
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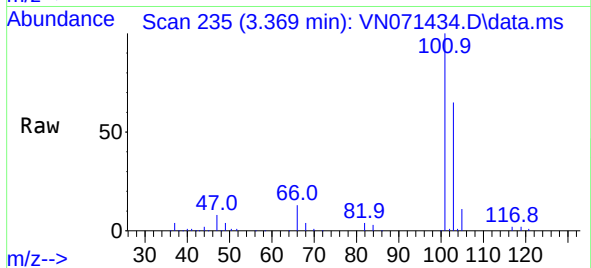
Tgt Ion: 64 Resp: 94309
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 18.567 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

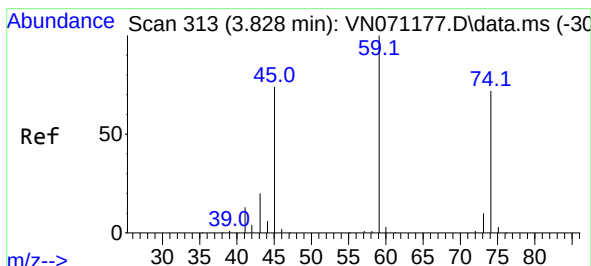
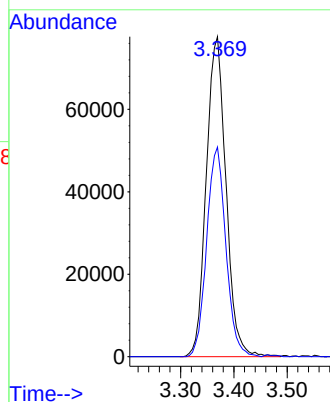
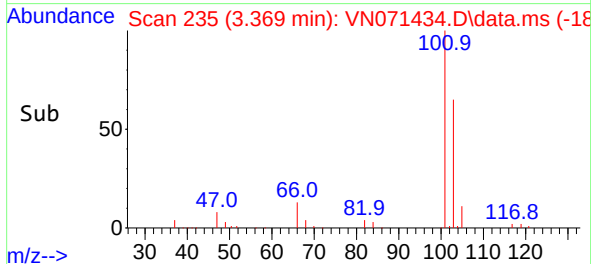
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VN0321WBSD01



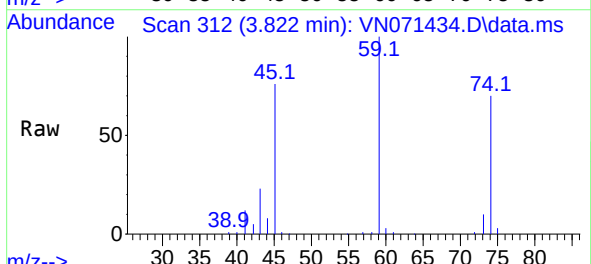
Tgt Ion:101 Resp: 19953
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

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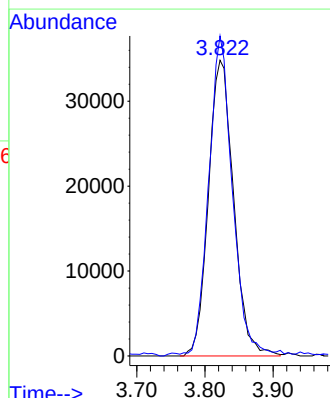
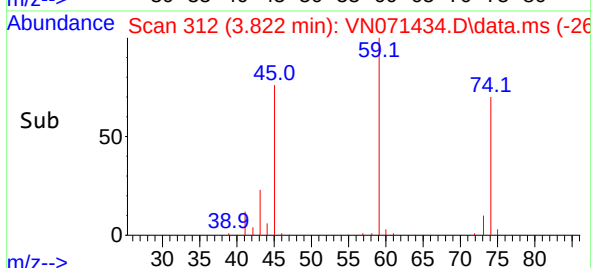
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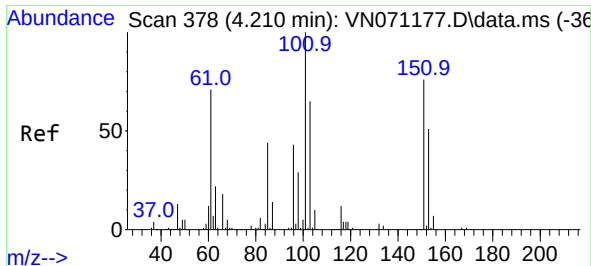


#8
Diethyl Ether
Concen: 19.454 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 89462
Ion Ratio Lower Upper
74 100
45 100.4 47.0 141.2





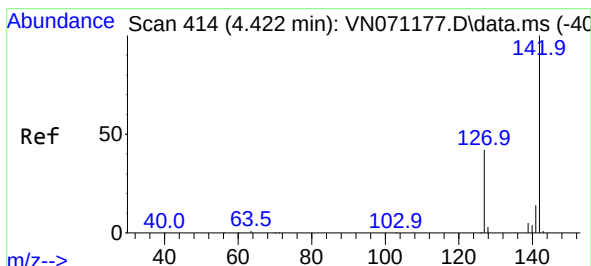
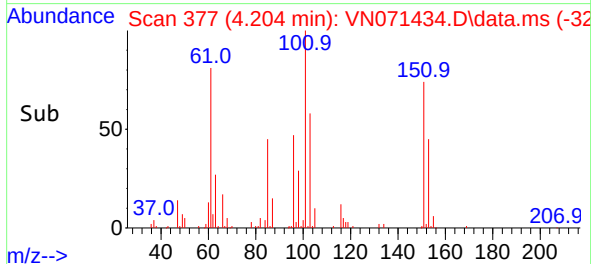
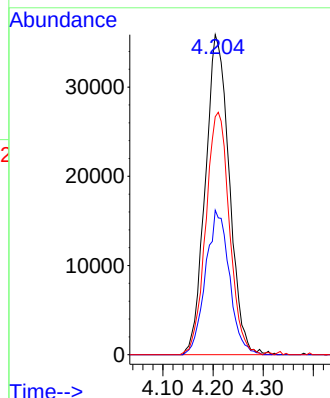
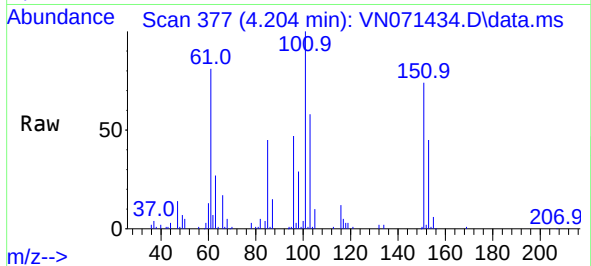
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.150 ug/l
RT: 4.204 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion:101 Resp: 11913
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 74.7 65.9 98.9

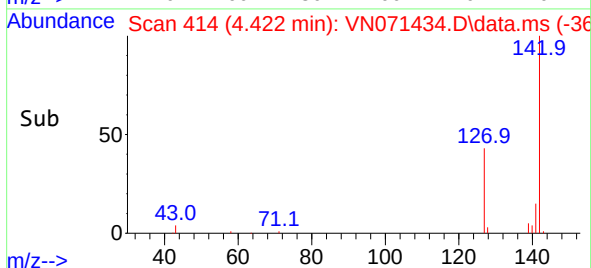
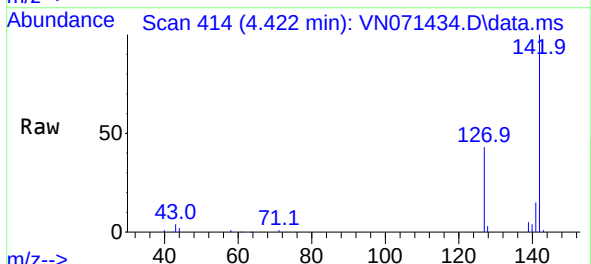
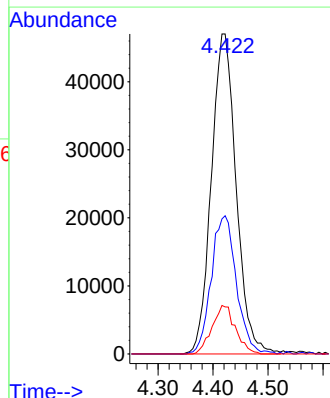
Manual Integrations
APPROVED

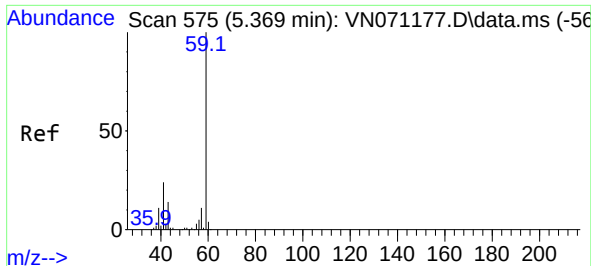
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 16.784 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

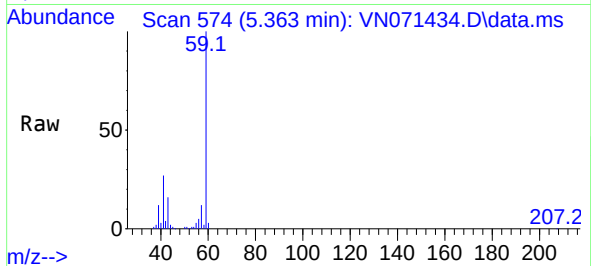
Tgt Ion:142 Resp: 147473
Ion Ratio Lower Upper
142 100
127 43.8 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 112.039 ug/l
RT: 5.363 min Scan# 575
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

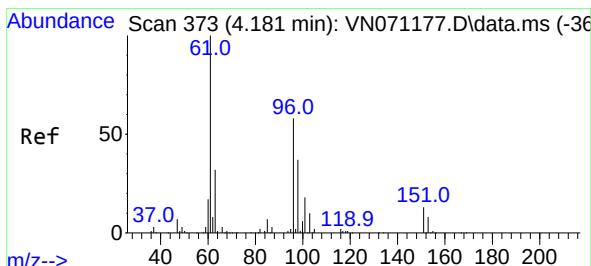
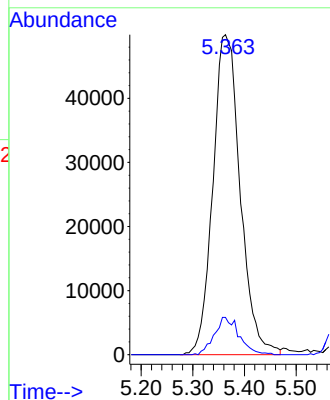
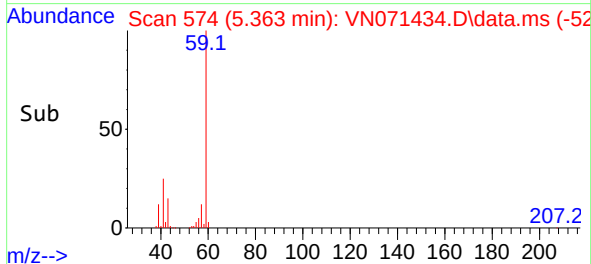
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



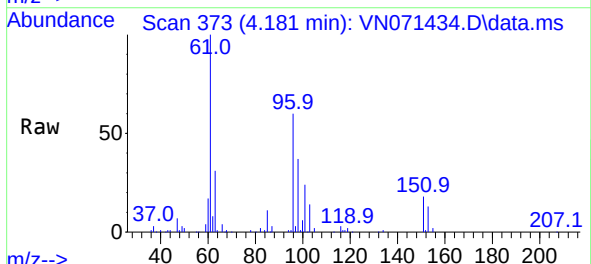
Tgt Ion: 59 Resp: 18337
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
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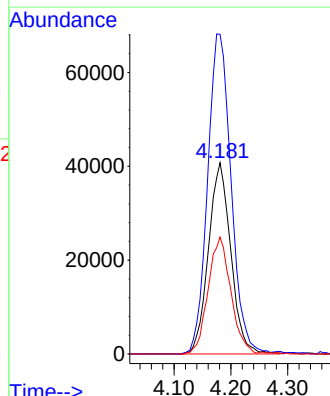
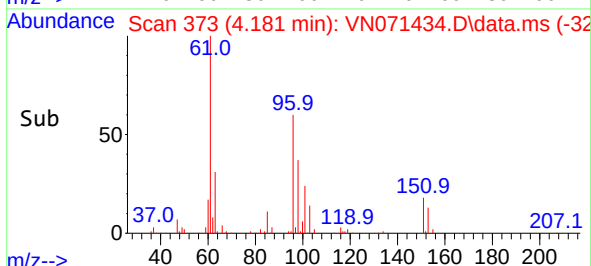
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

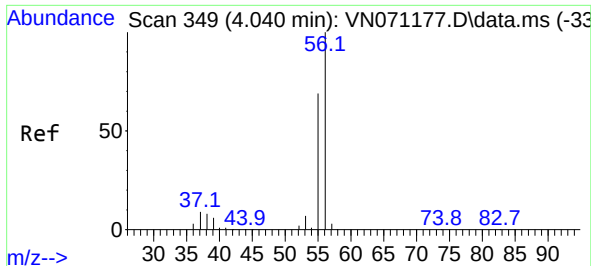


#12
1,1-Dichloroethene
Concen: 18.314 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



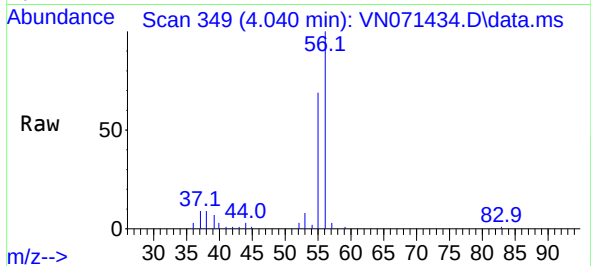
Tgt Ion: 96 Resp: 111608
Ion Ratio Lower Upper
96 100
61 167.3 131.0 196.6
98 61.2 52.4 78.6





#13
Acrolein
Concen: 40.819 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

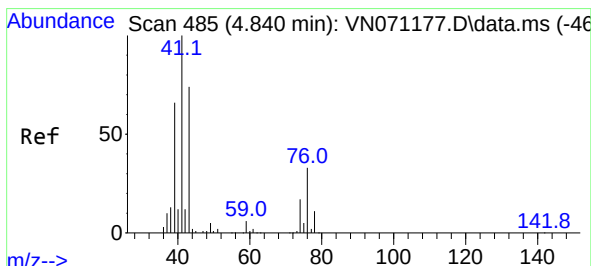
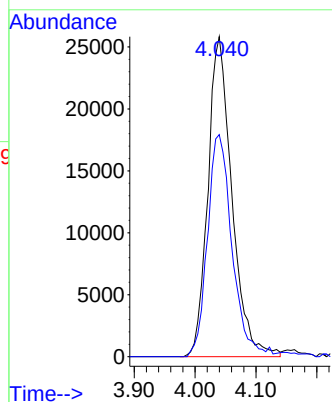
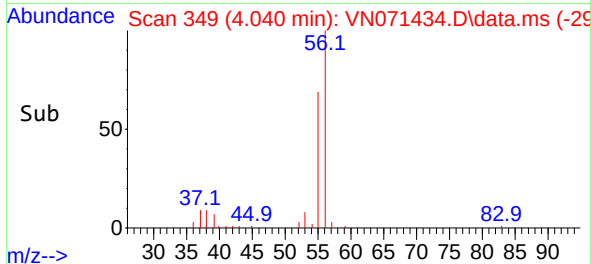
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



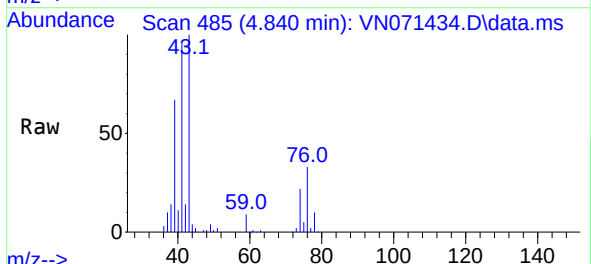
Tgt Ion: 56 Resp: 70712
Ion Ratio Lower Upper
56 100
55 71.1 56.6 85.0

Manual Integrations
APPROVED

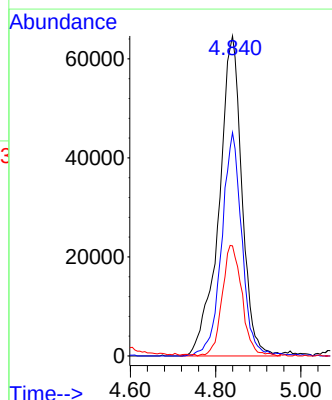
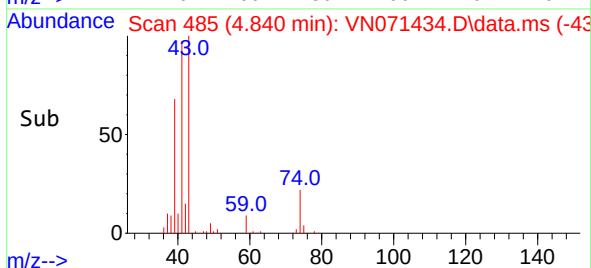
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

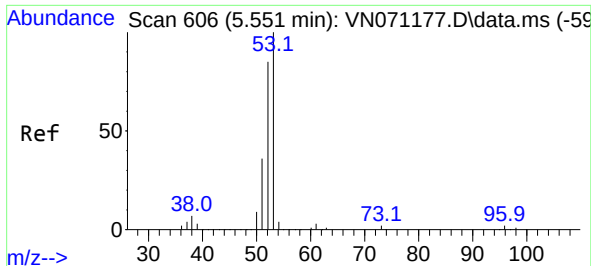


#14
Allyl chloride
Concen: 18.183 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



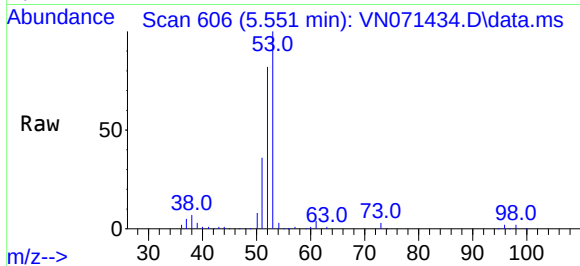
Tgt Ion: 41 Resp: 241013
Ion Ratio Lower Upper
41 100
39 61.2 61.2 91.8#
76 30.0 26.0 39.0





#15
Acrylonitrile
Concen: 103.141 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

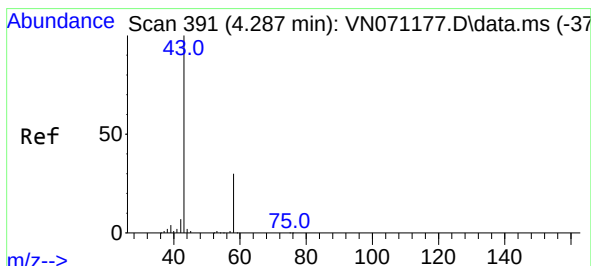
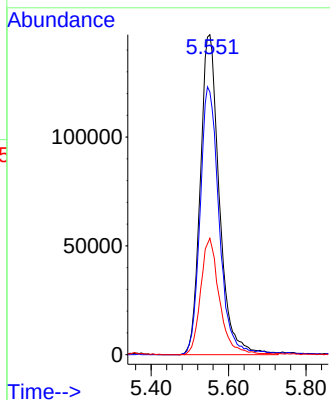
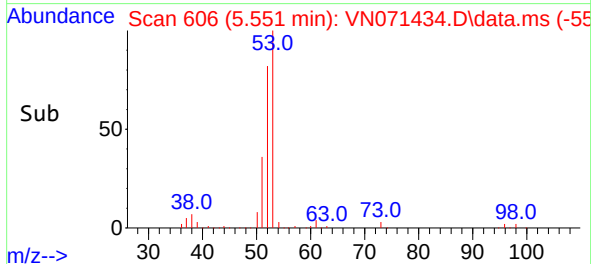
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 53 Resp: 501244
Ion Ratio Lower Upper
53 100
52 83.0 66.2 99.2
51 35.9 29.6 44.4

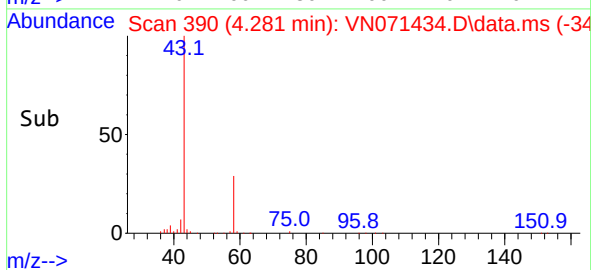
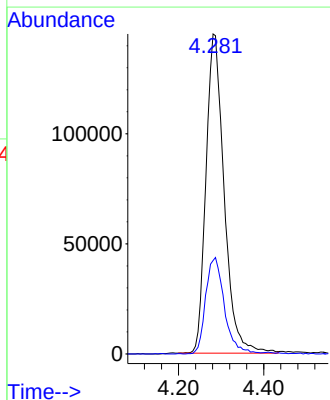
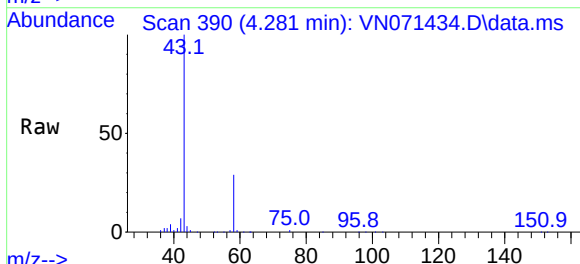
Manual Integrations
APPROVED

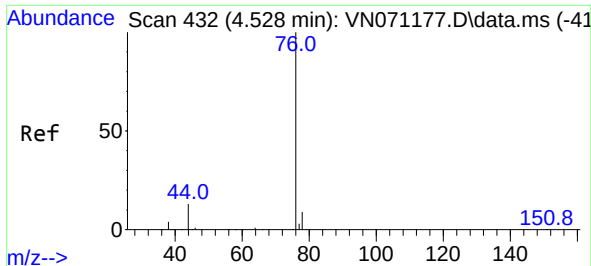
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 106.229 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

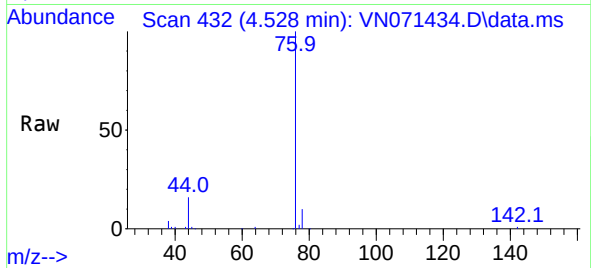
Tgt Ion: 43 Resp: 430628
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7





#17
Carbon Disulfide
Concen: 14.852 ug/l
RT: 4.528 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

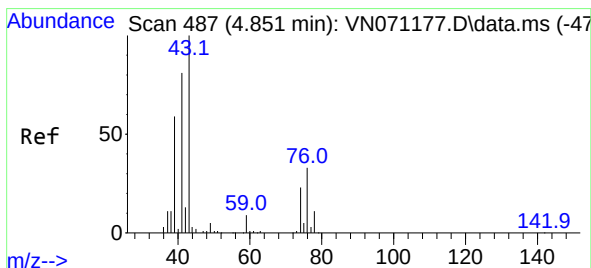
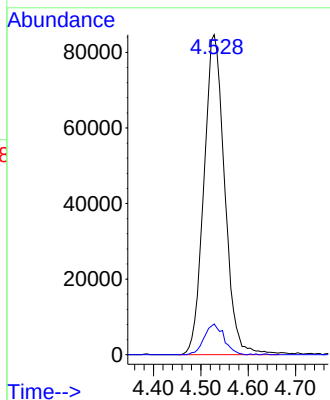
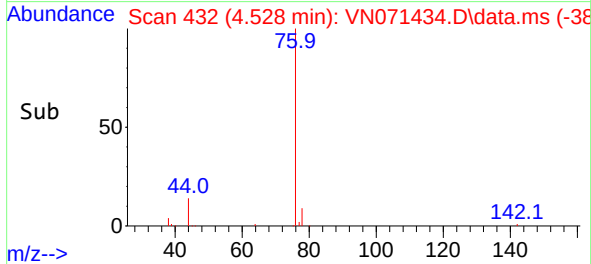
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



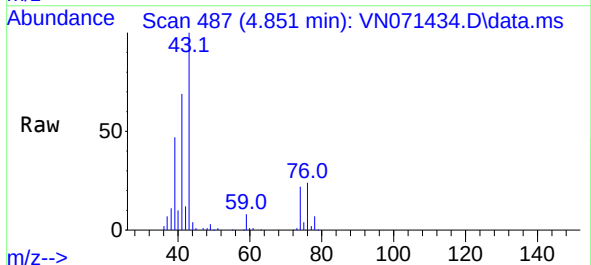
Tgt Ion: 76 Resp: 257689
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

Manual Integrations
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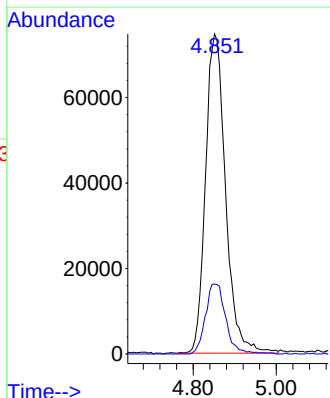
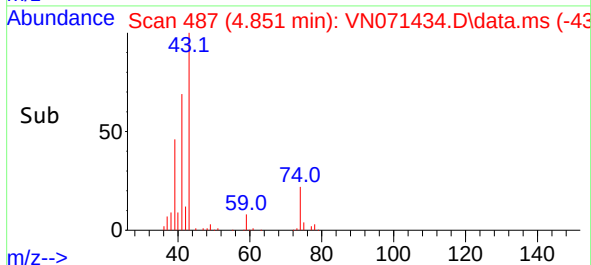
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

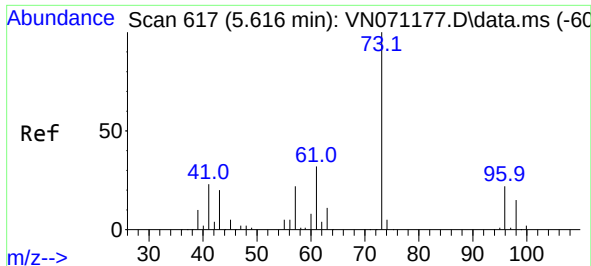


#18
Methyl Acetate
Concen: 23.240 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



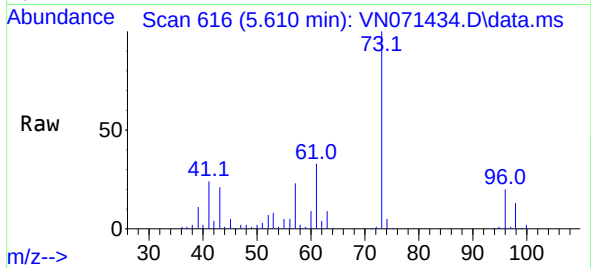
Tgt Ion: 43 Resp: 250251
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.622 ug/l
RT: 5.610 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

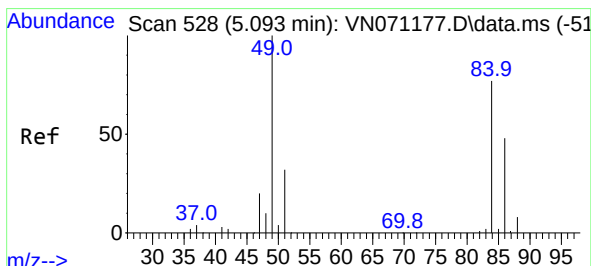
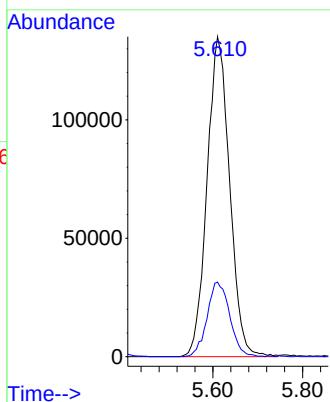
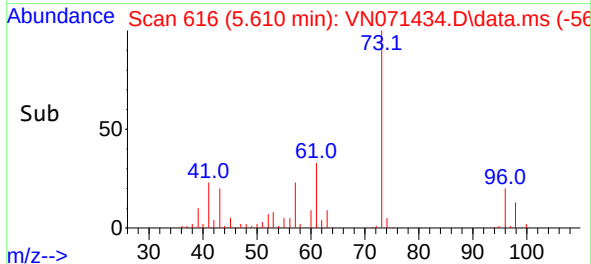
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 73 Resp: 471858
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

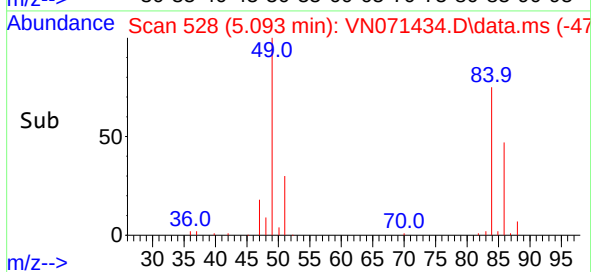
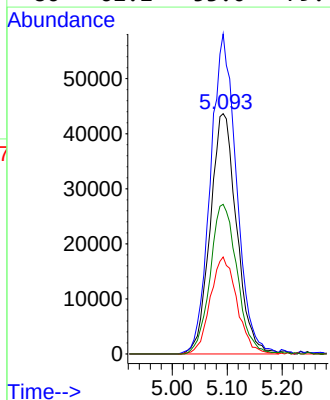
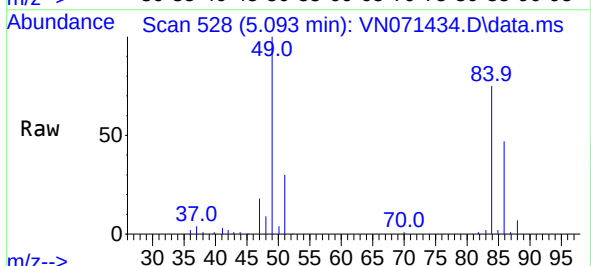
Manual Integrations
APPROVED

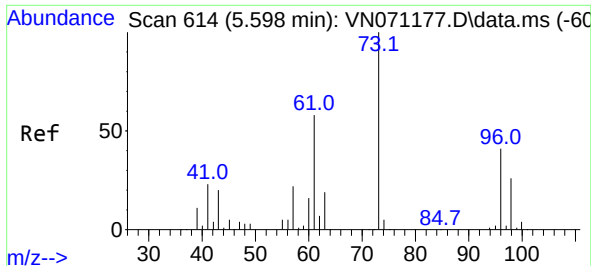
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#20
Methylene Chloride
Concen: 19.842 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

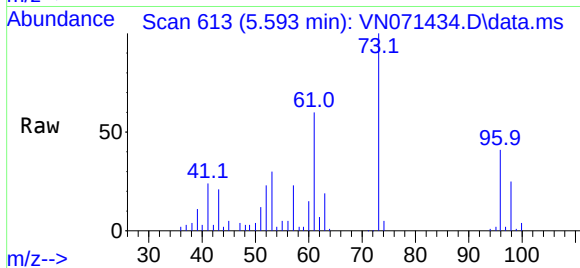
Tgt Ion: 84 Resp: 145290
Ion Ratio Lower Upper
84 100
49 133.2 93.5 140.3
51 40.4 29.4 44.2
86 62.2 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.833 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

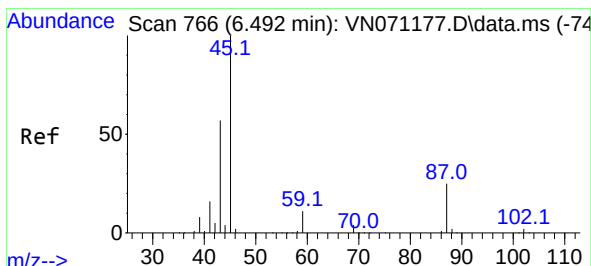
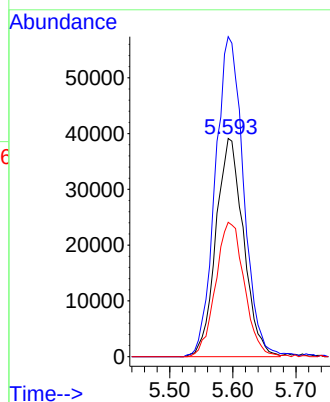
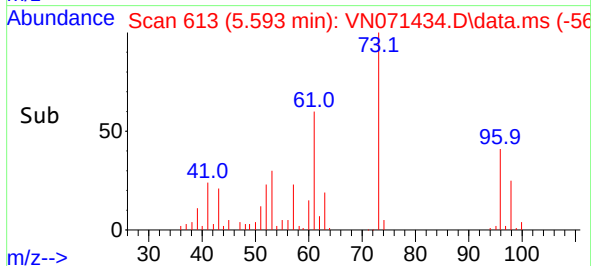
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



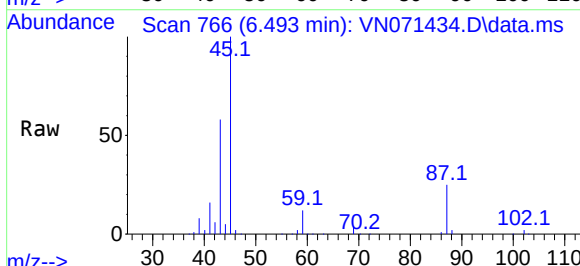
Tgt Ion: 96 Resp: 118875
Ion Ratio Lower Upper
96 100
61 146.7 105.8 158.6
98 61.6 52.0 78.0

Manual Integrations
APPROVED

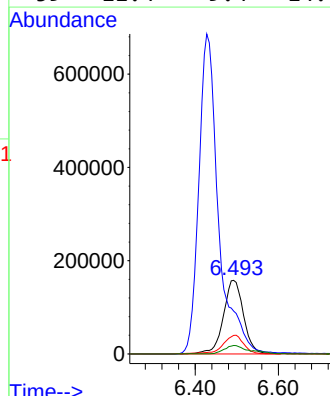
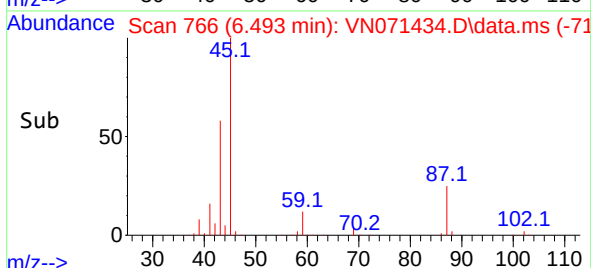
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

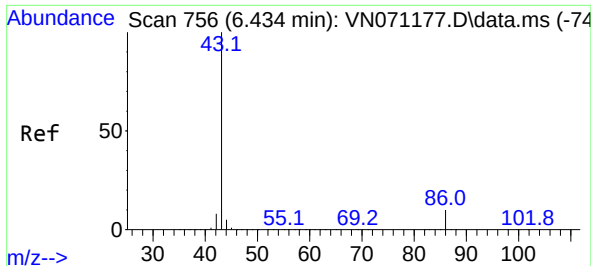


#22
Diisopropyl ether
Concen: 20.305 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



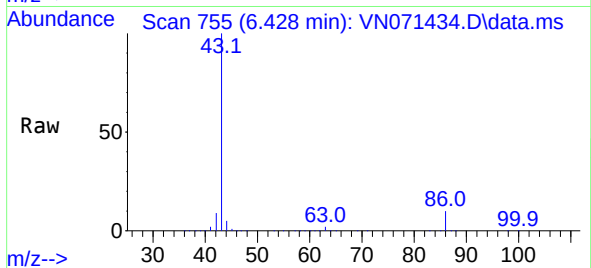
Tgt Ion: 45 Resp: 530236
Ion Ratio Lower Upper
45 100
43 57.5 51.7 77.5
87 25.1 23.2 34.8
59 11.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 102.448 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071434.D
 Acq: 21 Mar 2022 21:42

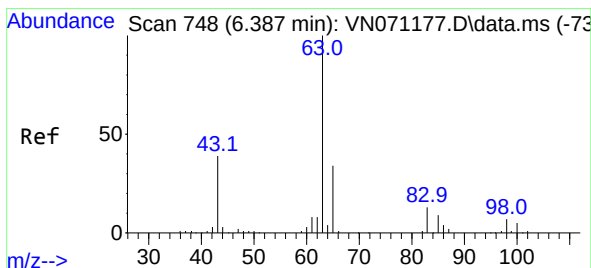
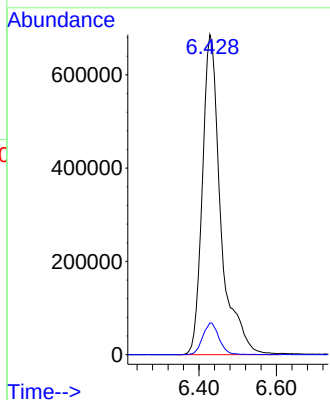
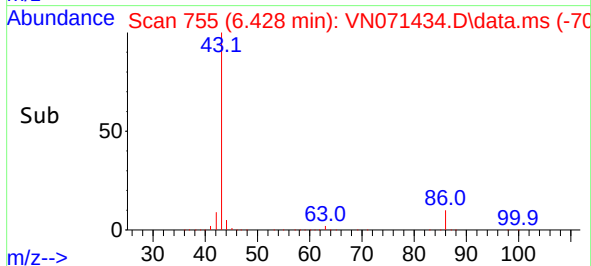
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01



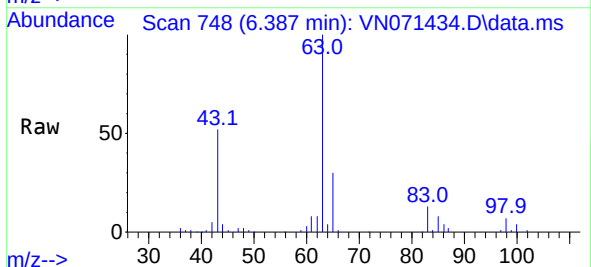
Tgt Ion: 43 Resp: 226485
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

Manual Integrations
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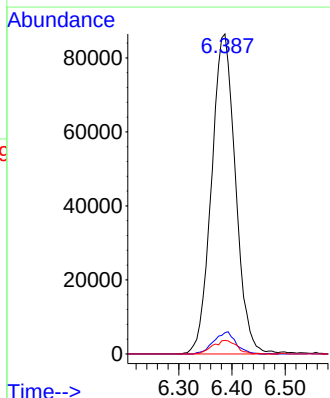
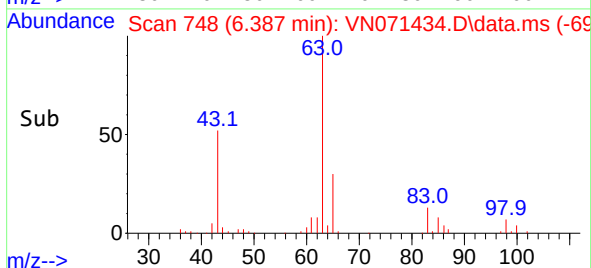
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

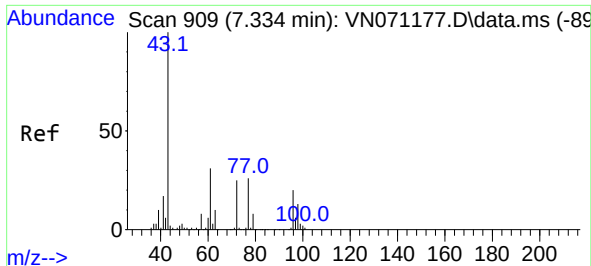


#24
 1,1-Dichloroethane
 Concen: 19.576 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071434.D
 Acq: 21 Mar 2022 21:42



Tgt Ion: 63 Resp: 270127
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 109.235 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071434.D

Acq: 21 Mar 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 43 Resp: 71332

Ion Ratio Lower Upper

43 100

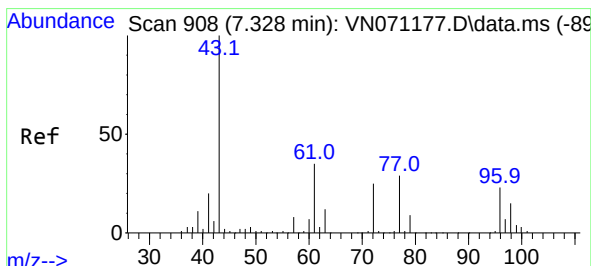
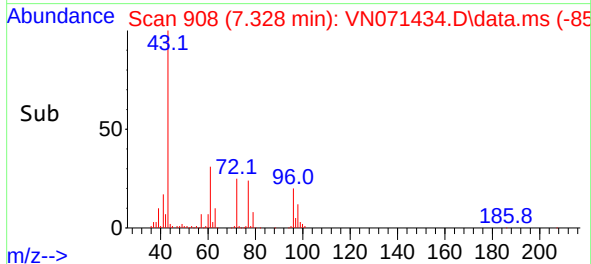
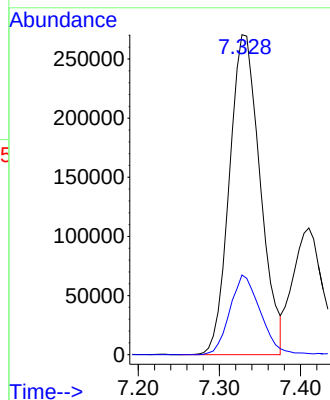
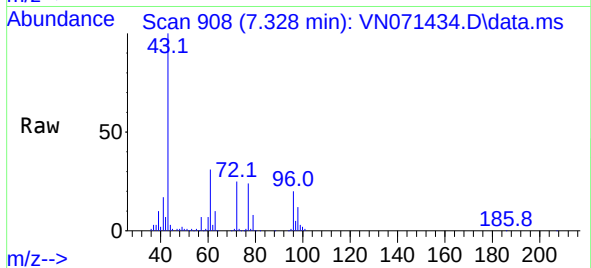
72 24.9 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#26

2,2-Dichloropropane

Concen: 18.532 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071434.D

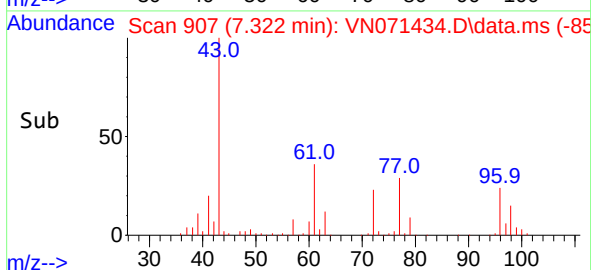
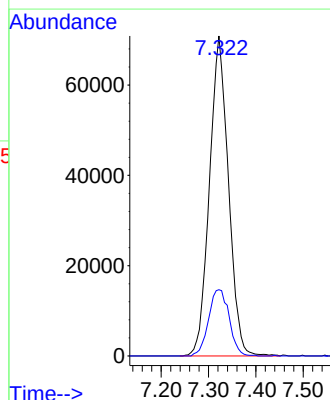
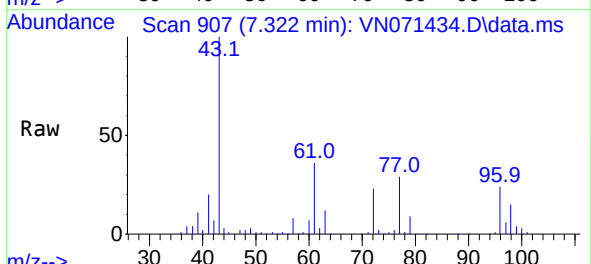
Acq: 21 Mar 2022 21:42

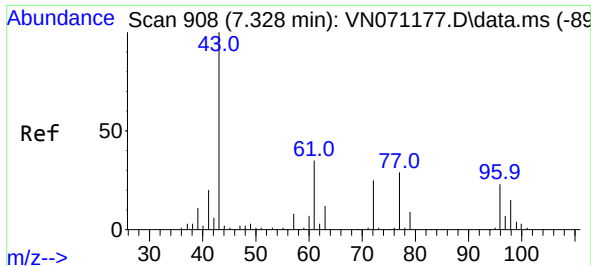
Tgt Ion: 77 Resp: 197284

Ion Ratio Lower Upper

77 100

97 22.5 11.6 34.8





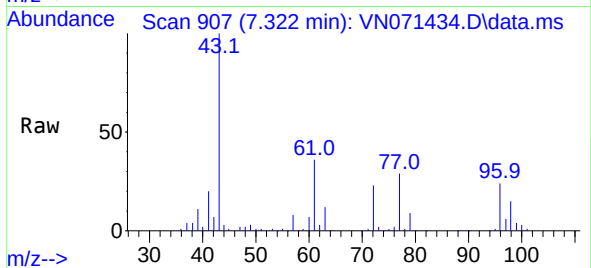
#27
 cis-1,2-Dichloroethene
 Concen: 19.084 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071434.D
 Acq: 21 Mar 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

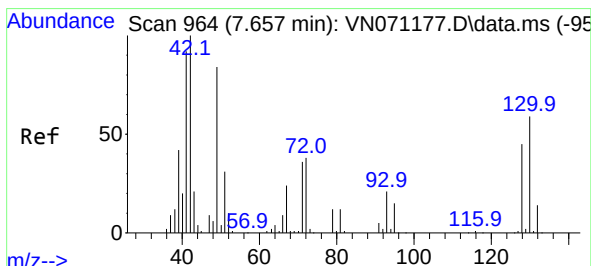
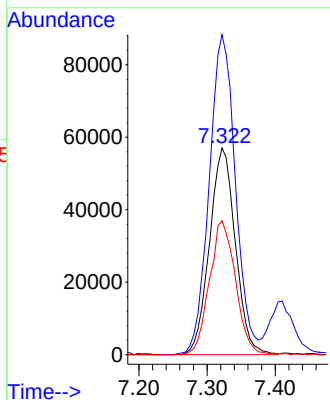
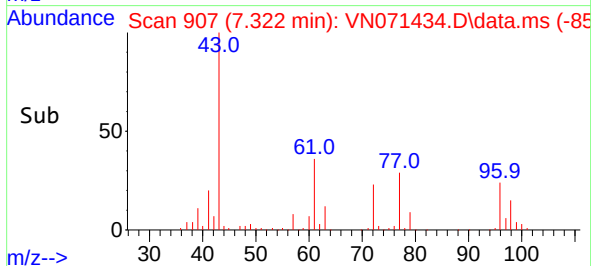


Tgt Ion: 96 Resp: 15098
 Ion Ratio Lower Upper
 96 100
 61 156.5 0.0 275.0
 98 65.2 0.0 129.6

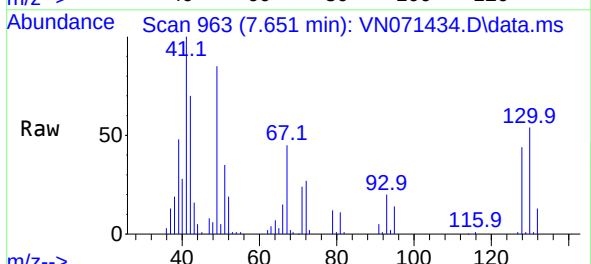
Manual Integrations

APPROVED

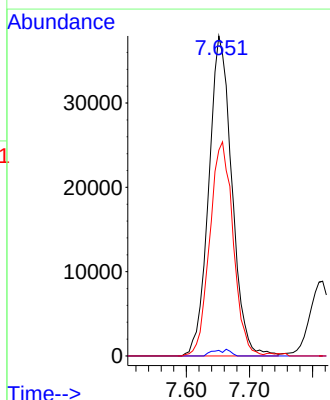
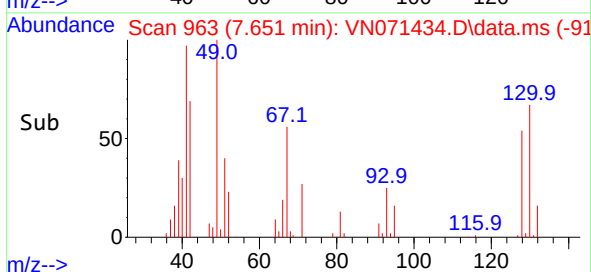
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

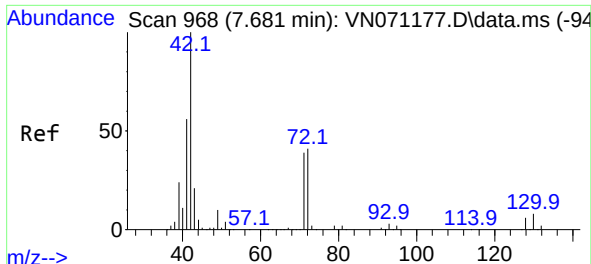


#28
 Bromochloromethane
 Concen: 15.719 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071434.D
 Acq: 21 Mar 2022 21:42



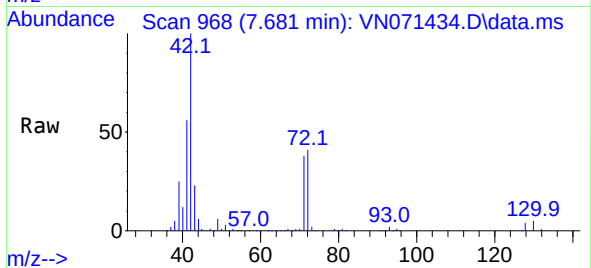
Tgt Ion: 49 Resp: 96592
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 67.6 67.8 101.8#





#29
Tetrahydrofuran
Concen: 106.462 ug/l
RT: 7.681 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

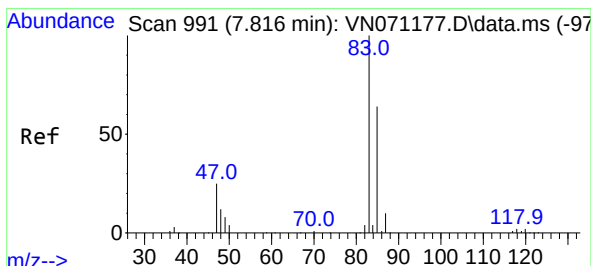
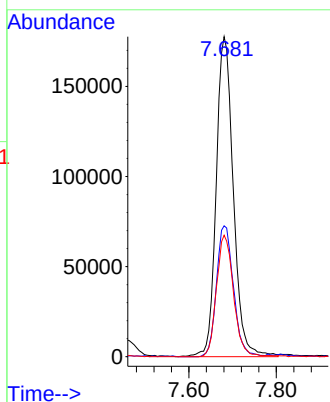
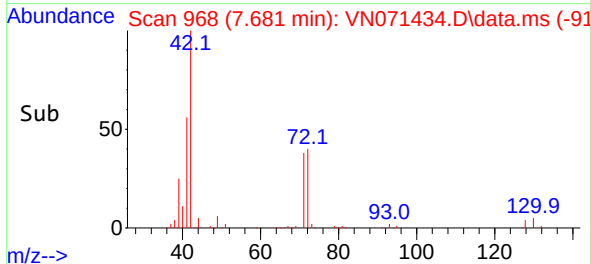
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



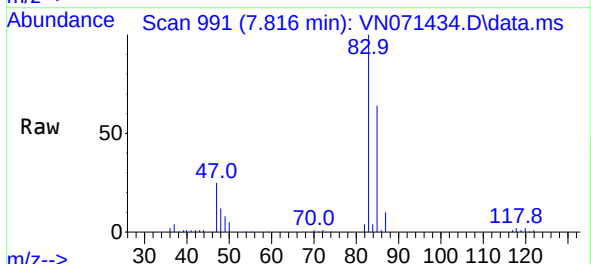
Tgt Ion: 42 Resp: 481628
Ion Ratio Lower Upper
42 100
72 40.6 36.3 54.5
71 37.7 34.7 52.1

Manual Integrations
APPROVED

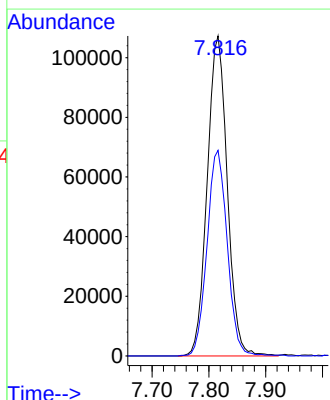
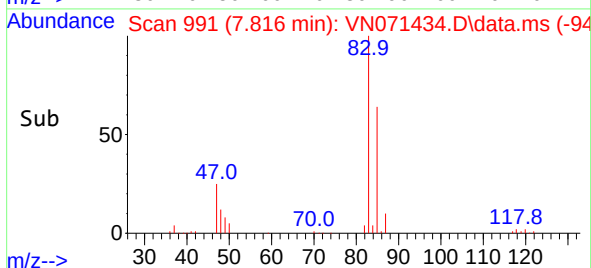
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

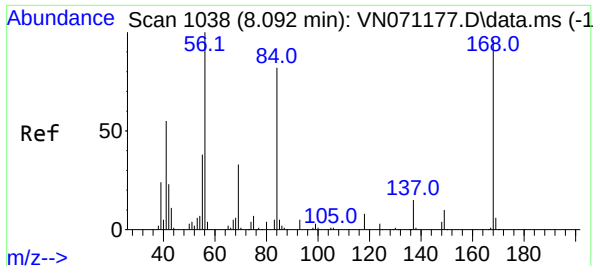


#30
Chloroform
Concen: 19.980 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



Tgt Ion: 83 Resp: 262956
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9





#31

Cyclohexane

Concen: 18.295 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071434.D

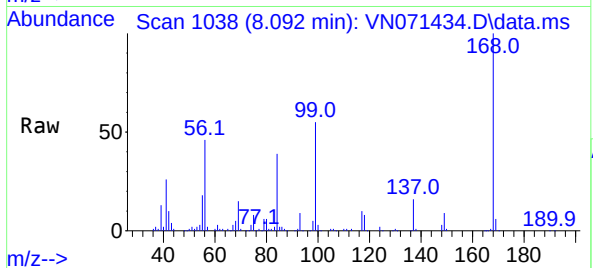
Acq: 21 Mar 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01



Tgt Ion: 56 Resp: 243400

Ion Ratio Lower Upper

56 100

69 33.5 27.1 40.7

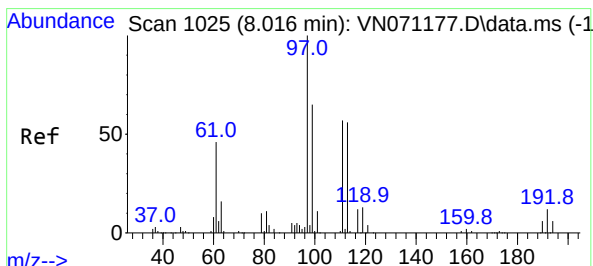
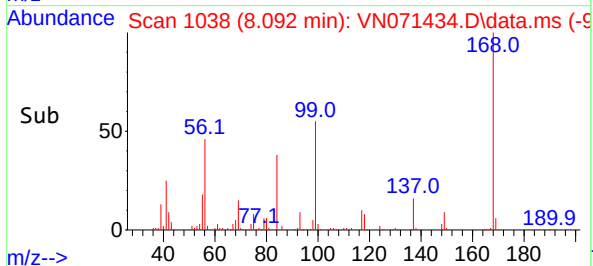
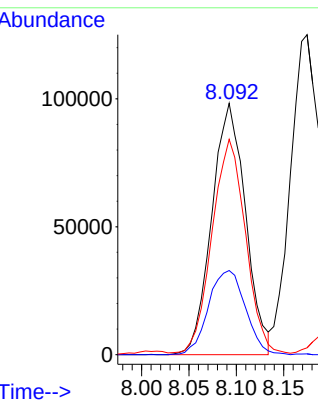
84 85.0 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#32

1,1,1-Trichloroethane

Concen: 19.773 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071434.D

Acq: 21 Mar 2022 21:42

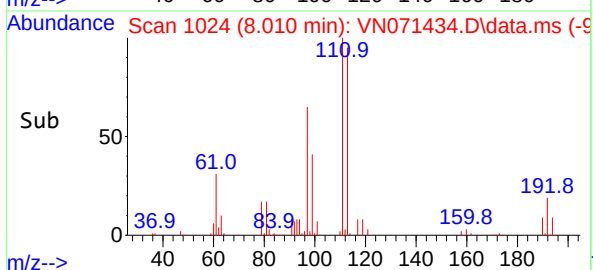
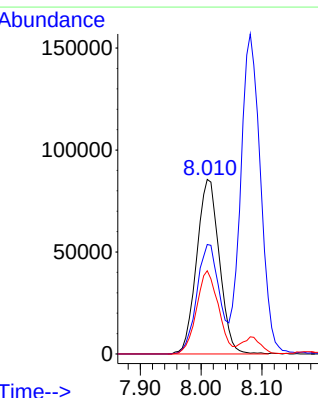
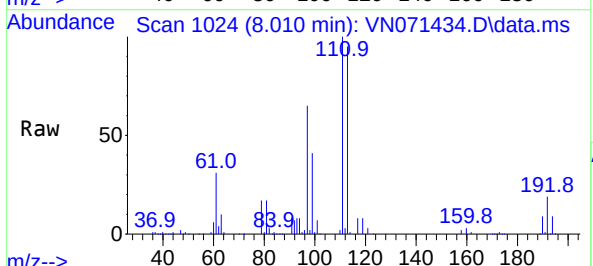
Tgt Ion: 97 Resp: 221665

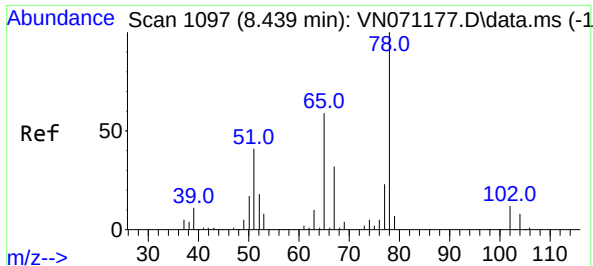
Ion Ratio Lower Upper

97 100

99 62.9 50.1 75.1

61 46.0 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 55.664 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

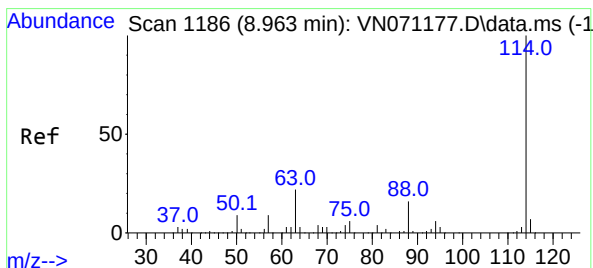
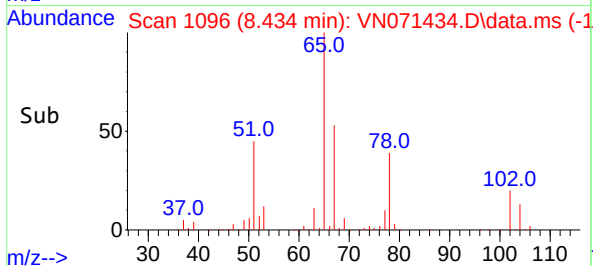
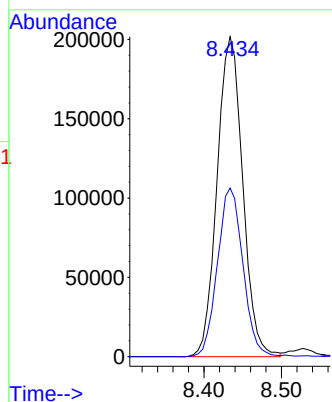
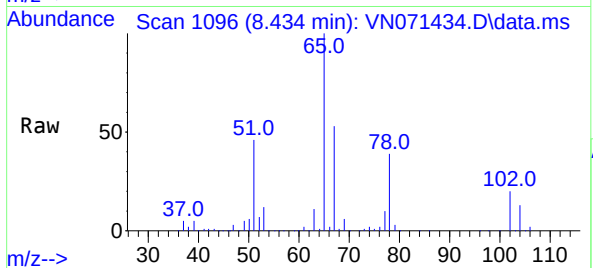
VN0321WBSD01

Tgt Ion: 65 Resp: 463760
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

Manual Integrations

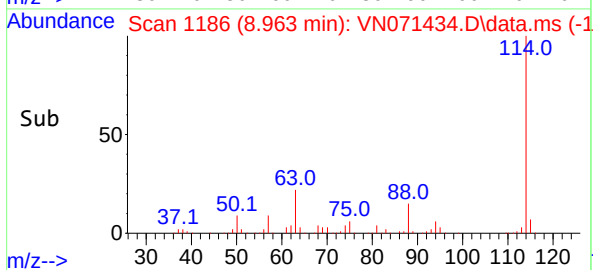
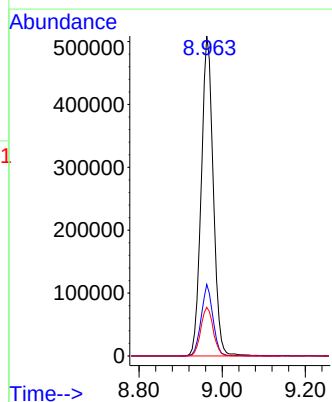
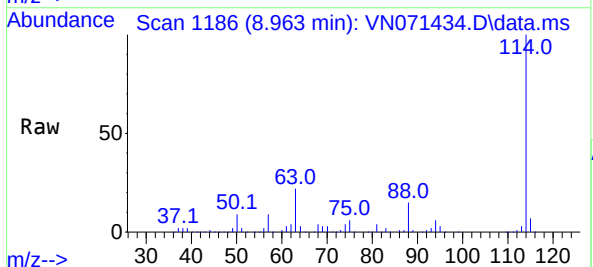
APPROVED

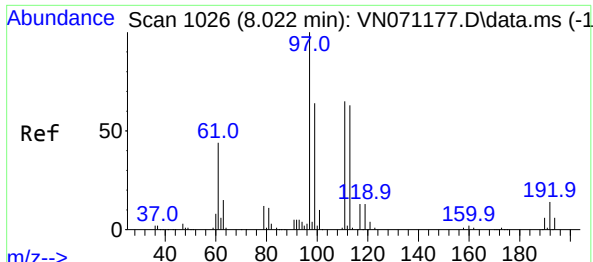
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

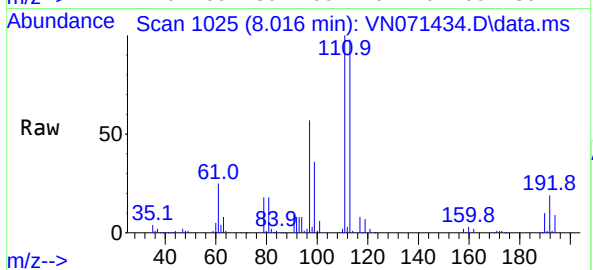
Tgt Ion:114 Resp: 1018699
Ion Ratio Lower Upper
114 100
63 22.3 0.0 37.8
88 15.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.959 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

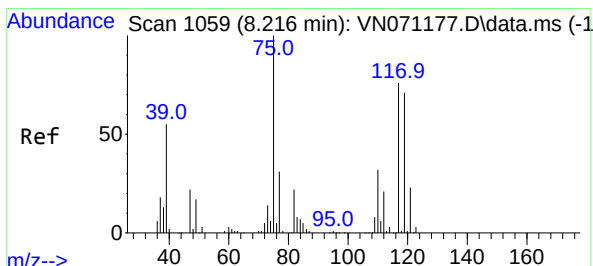
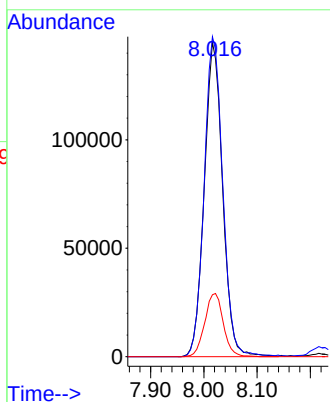
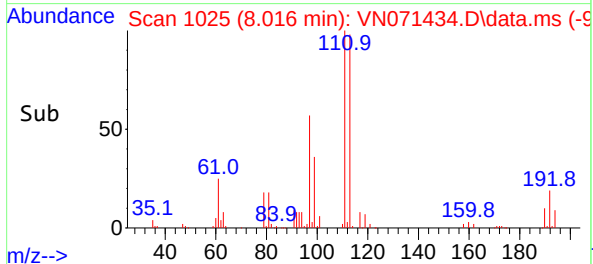
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



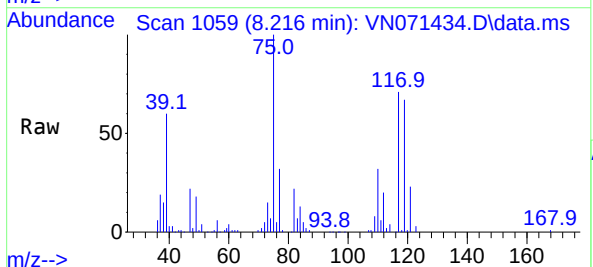
Tgt Ion: 113 Resp: 346860
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.3 16.9 25.3

Manual Integrations
APPROVED

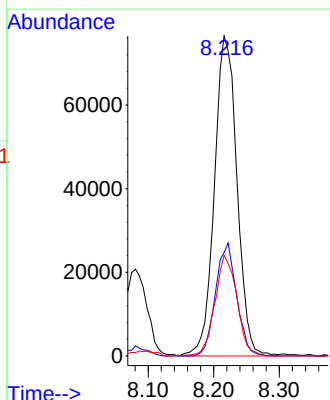
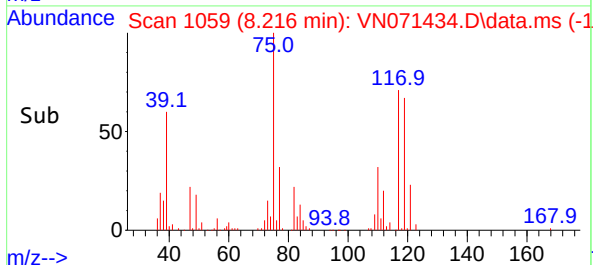
Reviewed By : John Carlone 03/22/2022
Supervised By : Mahesh Dadoda 03/22/2022

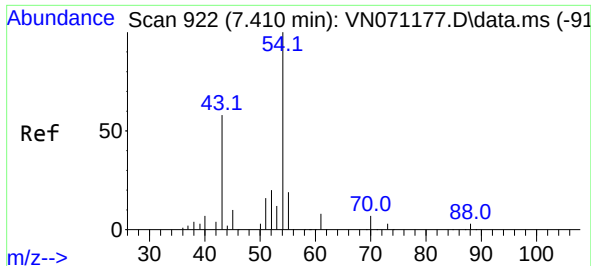


#36
1,1-Dichloropropene
Concen: 17.735 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



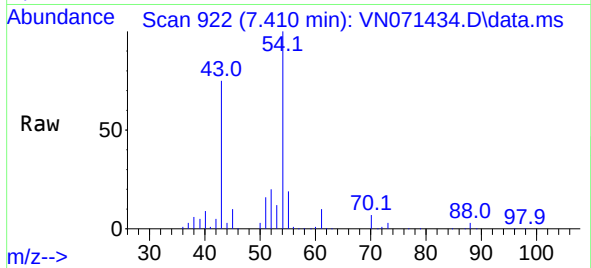
Tgt Ion: 75 Resp: 182659
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 19.921 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

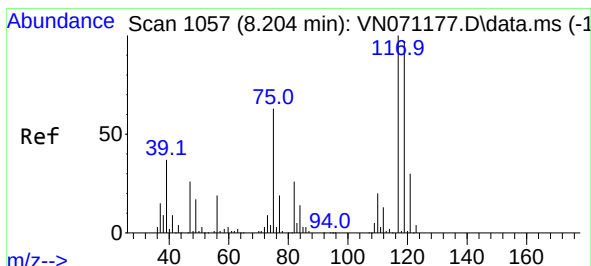
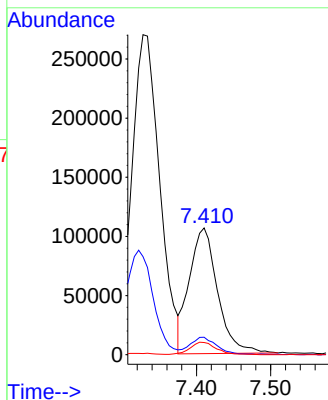
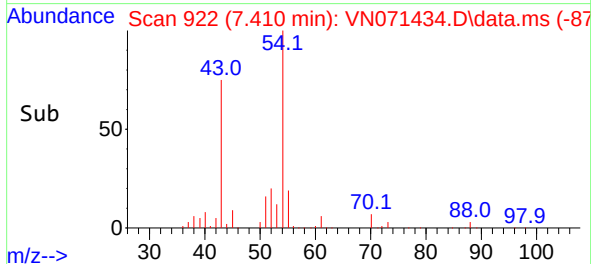
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 43 Resp: 282370
Ion Ratio Lower Upper
43 100
61 12.9 11.5 17.3
70 9.2 7.9 11.9

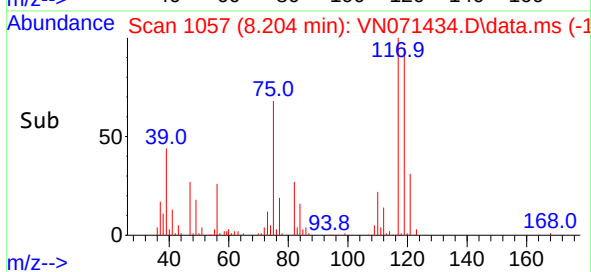
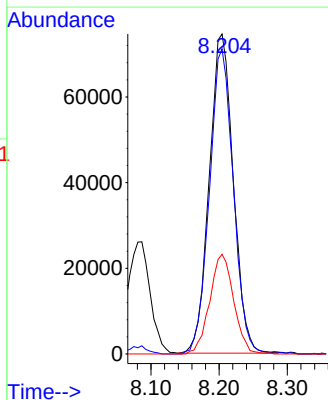
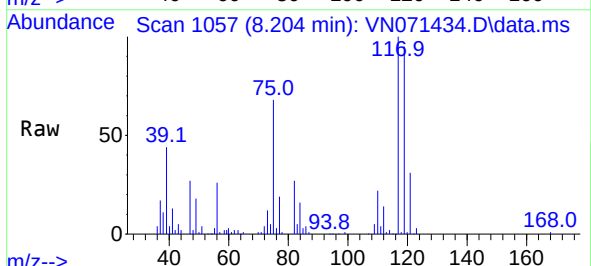
Manual Integrations
APPROVED

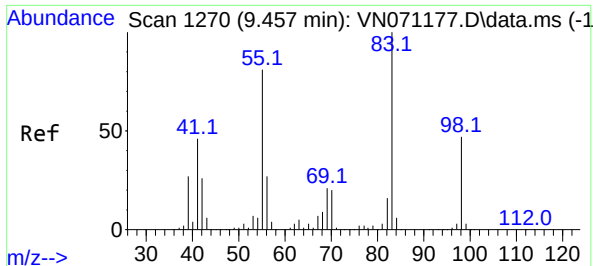
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#38
Carbon Tetrachloride
Concen: 18.324 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Tgt Ion:117 Resp: 182551
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1
121 31.2 24.2 36.2





#39

Methylcyclohexane

Concen: 17.611 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071434.D

Acq: 21 Mar 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 83 Resp: 21338

Ion Ratio Lower Upper

83 100

55 81.8 58.1 87.1

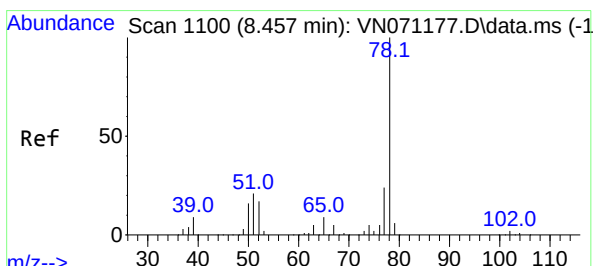
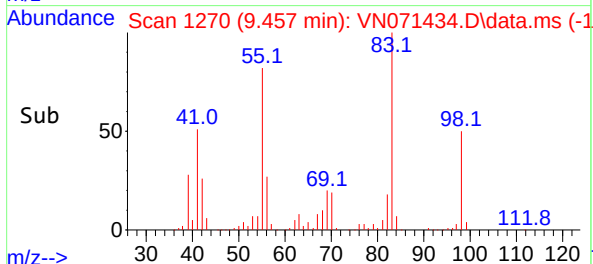
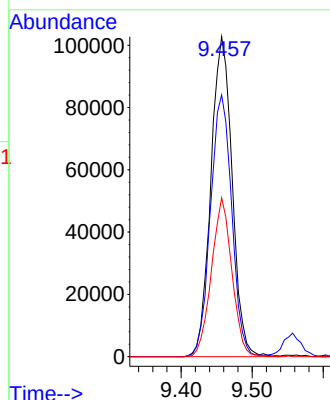
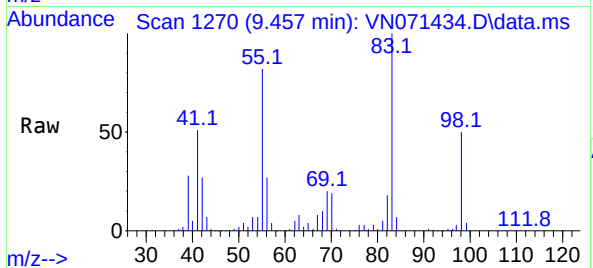
98 49.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#40

Benzene

Concen: 18.798 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071434.D

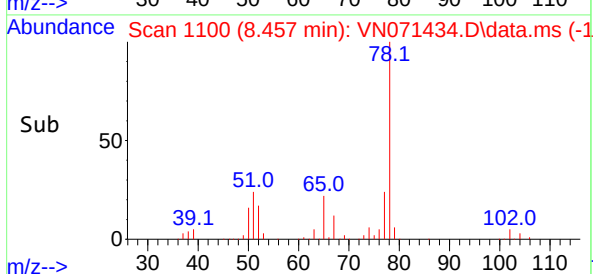
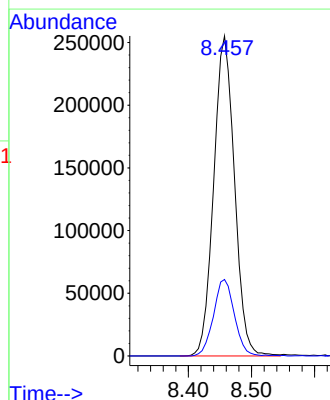
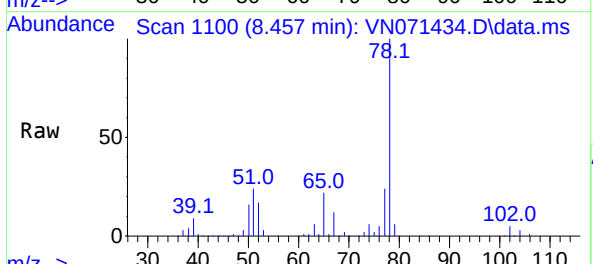
Acq: 21 Mar 2022 21:42

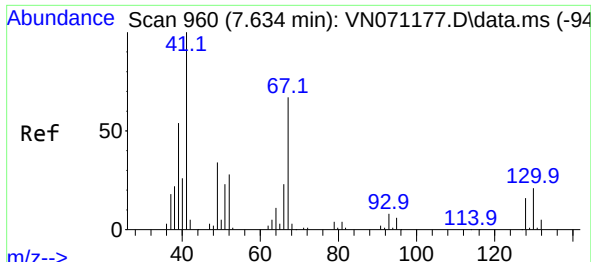
Tgt Ion: 78 Resp: 583339

Ion Ratio Lower Upper

78 100

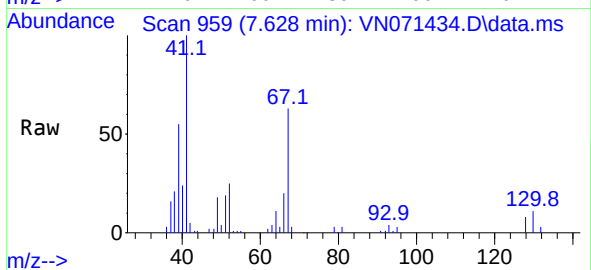
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 20.657 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

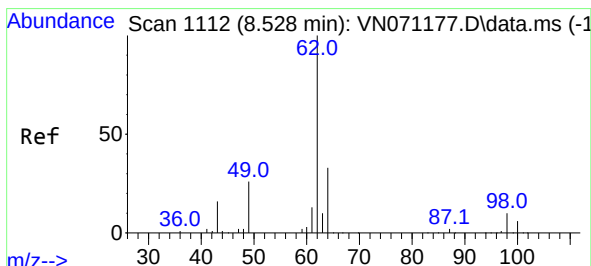
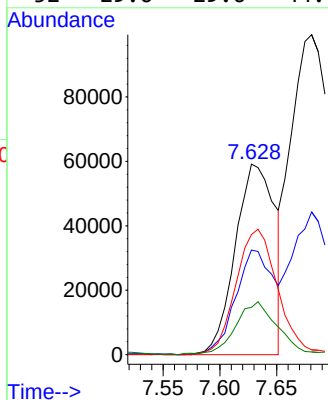
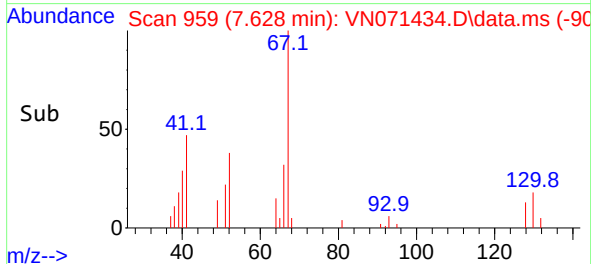
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



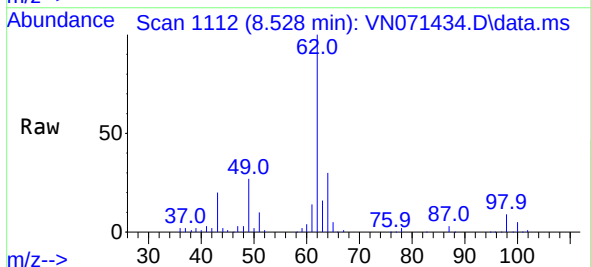
Tgt Ion: 41 Resp: 14329
Ion Ratio Lower Upper
41 100
39 52.7 48.1 72.1
67 69.8 68.3 102.5
52 29.6 29.6 44.4

Manual Integrations
APPROVED

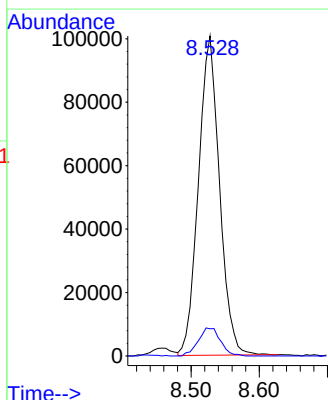
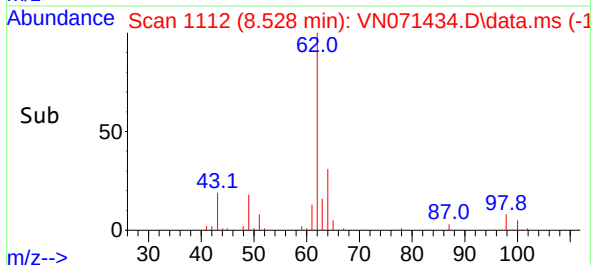
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

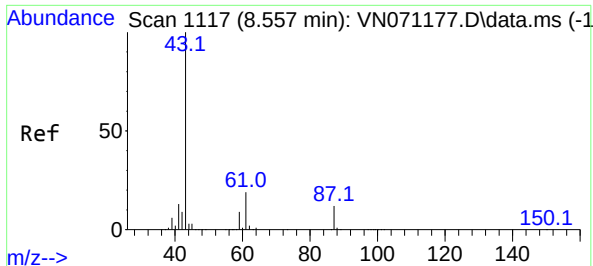


#42
1,2-Dichloroethane
Concen: 20.076 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



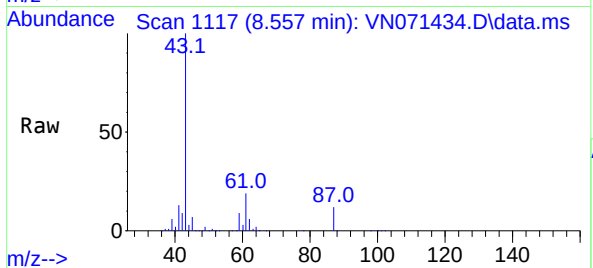
Tgt Ion: 62 Resp: 216791
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 21.290 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

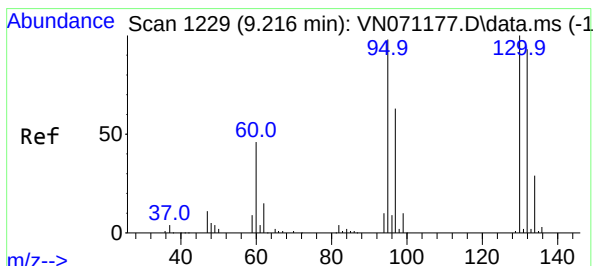
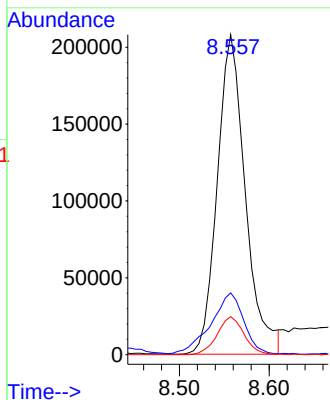
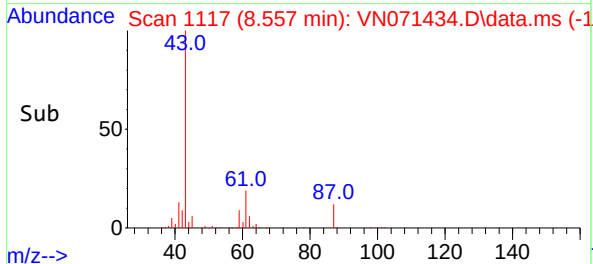
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



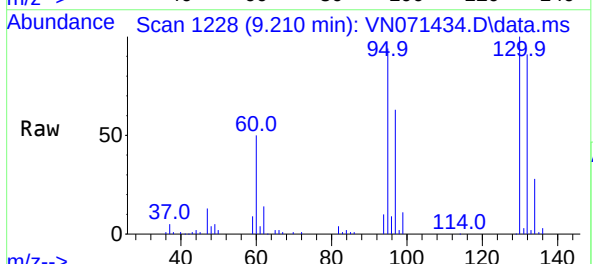
Tgt Ion: 43 Resp: 451280
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 11.4 11.2 16.8

Manual Integrations
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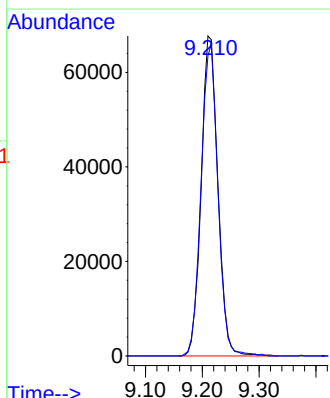
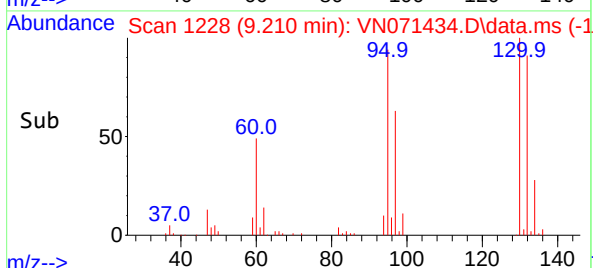
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

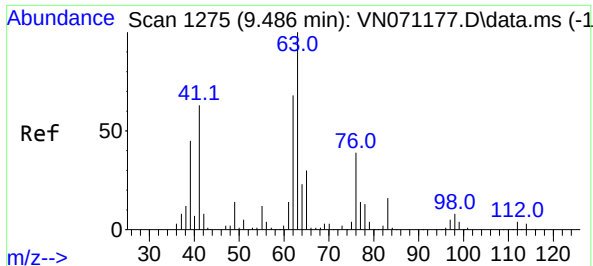


#44
Trichloroethene
Concen: 18.843 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



Tgt Ion:130 Resp: 137966
Ion Ratio Lower Upper
130 100
95 93.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.466 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071434.D

Acq: 21 Mar 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

Tgt Ion: 63 Resp: 162158

Ion Ratio Lower Upper

63 100

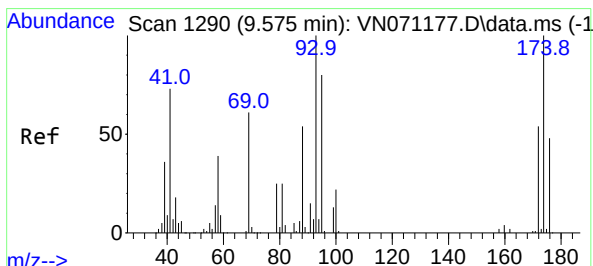
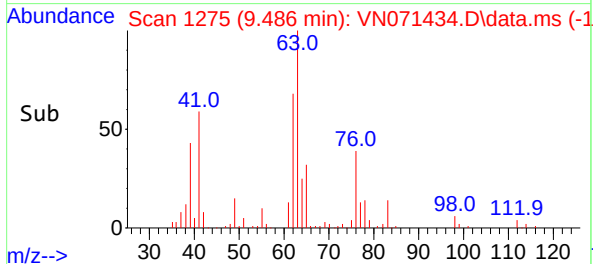
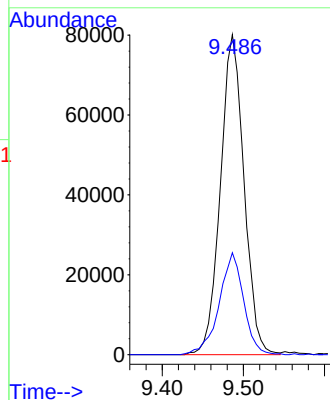
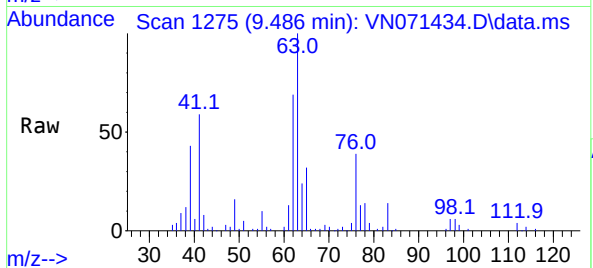
65 31.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#46

Dibromomethane

Concen: 18.917 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071434.D

Acq: 21 Mar 2022 21:42

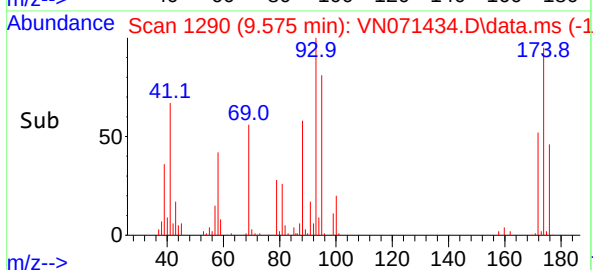
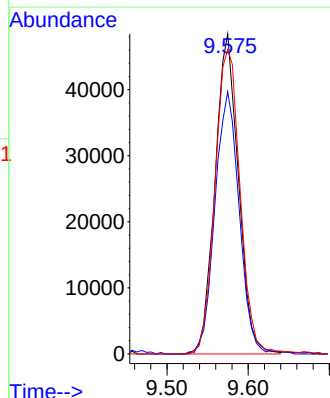
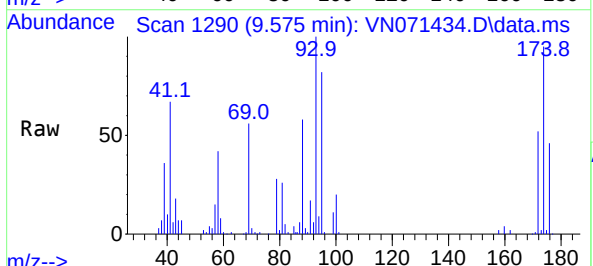
Tgt Ion: 93 Resp: 96993

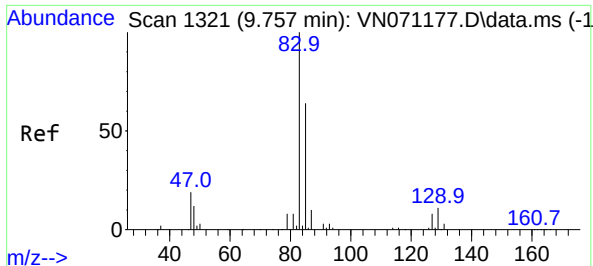
Ion Ratio Lower Upper

93 100

95 85.1 65.9 98.9

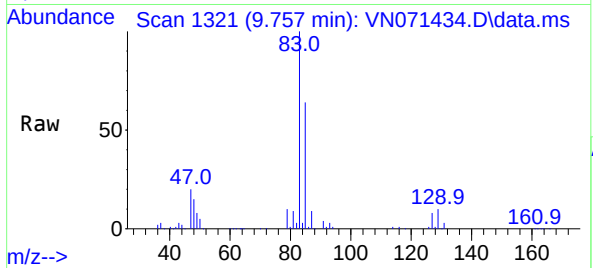
174 102.0 84.6 127.0





#47
Bromodichloromethane
Concen: 19.124 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

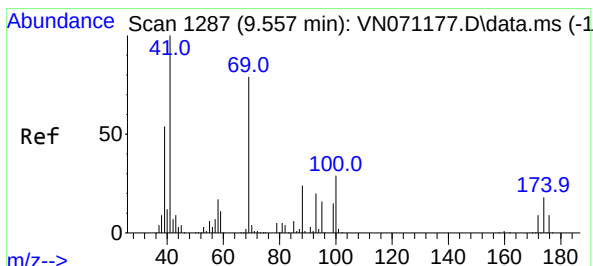
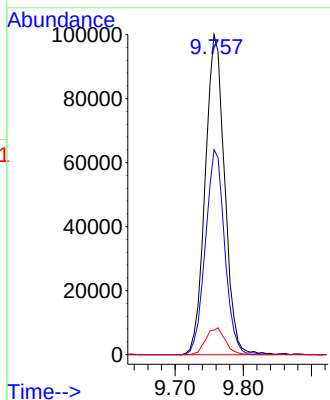
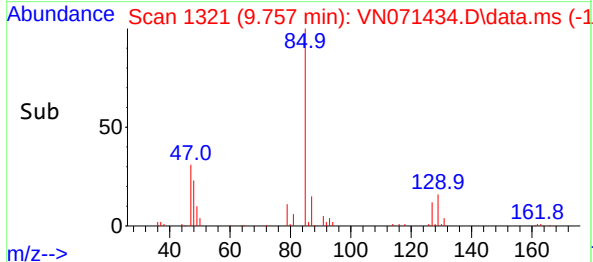
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



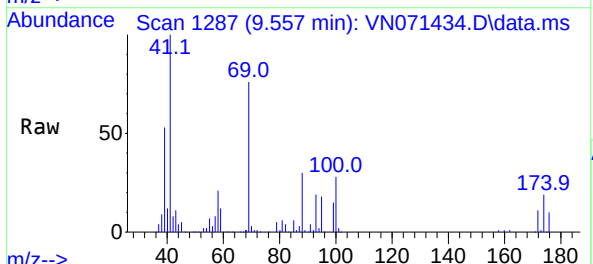
Tgt Ion: 83 Resp: 19815
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 7.7 7.1 10.7

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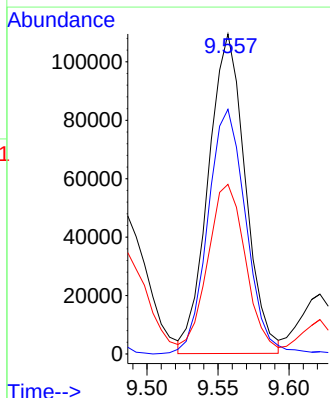
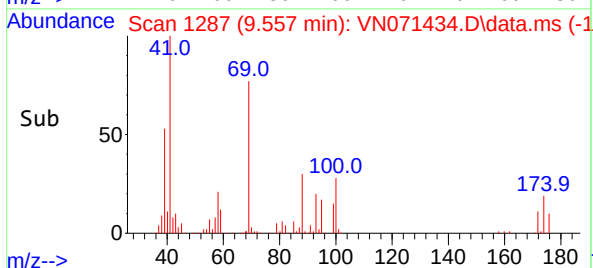
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

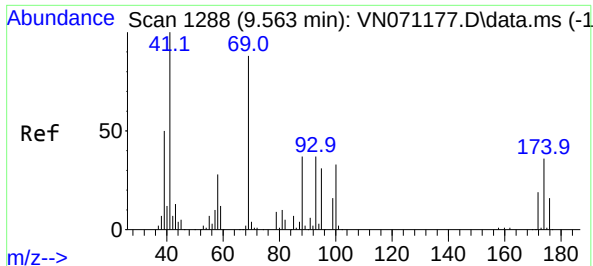


#48
Methyl methacrylate
Concen: 20.211 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



Tgt Ion: 41 Resp: 198535
Ion Ratio Lower Upper
41 100
69 79.6 72.4 108.6
39 54.5 58.4 87.6#





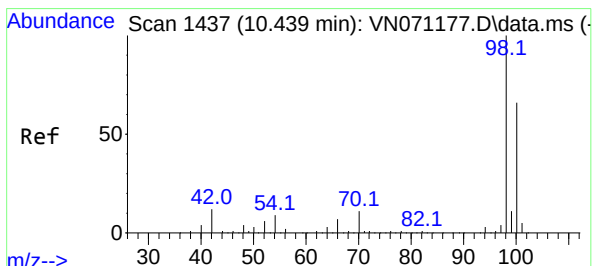
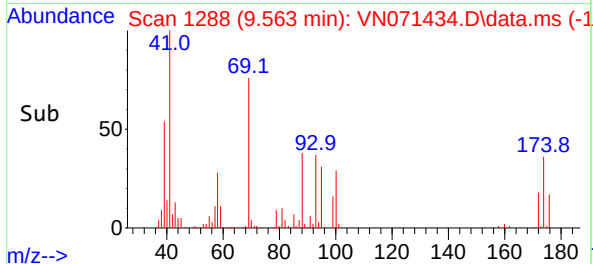
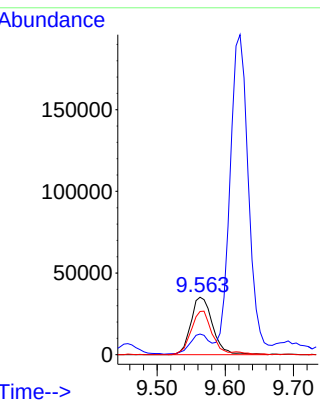
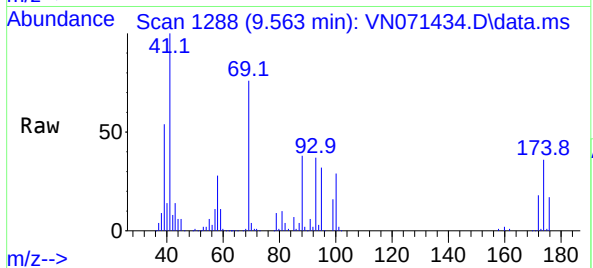
#49
1,4-Dioxane
Concen: 457.142 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 88 Resp: 78050
Ion Ratio Lower Upper
88 100
43 30.8 23.4 35.2
58 72.4 50.6 75.8

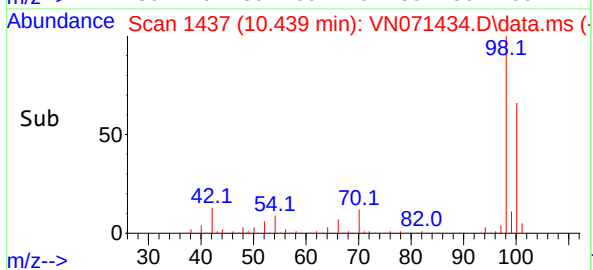
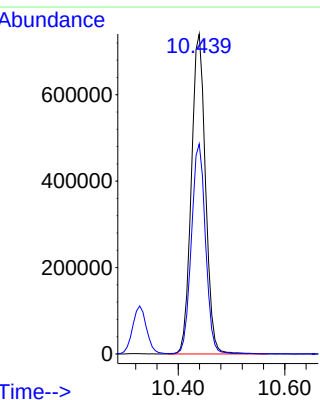
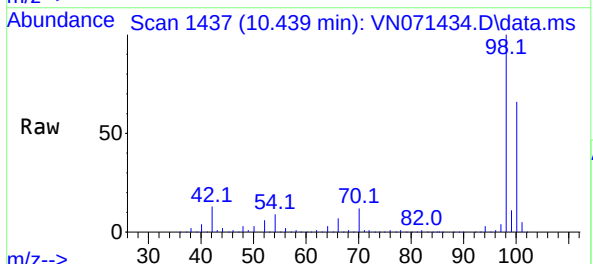
Manual Integrations
APPROVED

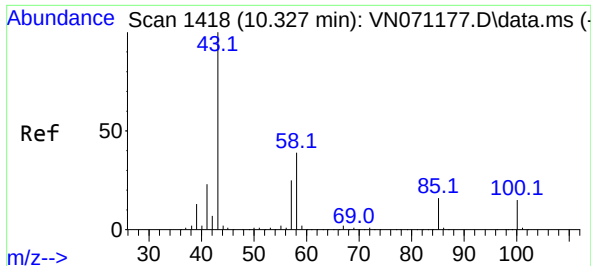
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 52.692 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Tgt Ion: 98 Resp: 1363792
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6





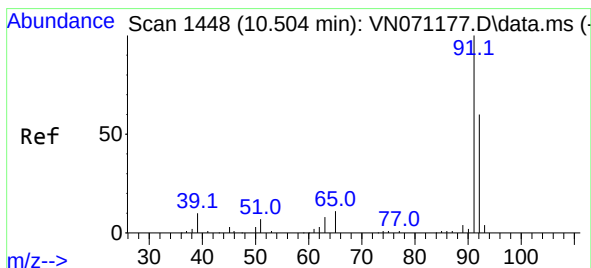
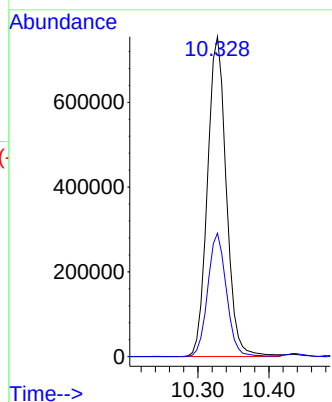
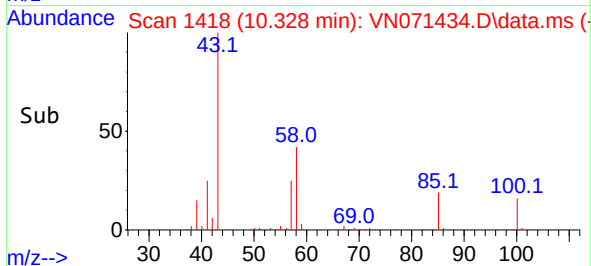
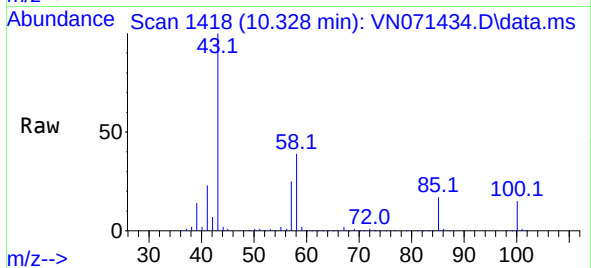
#51
4-Methyl-2-Pentanone
Concen: 105.878 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 43 Resp: 139282
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6

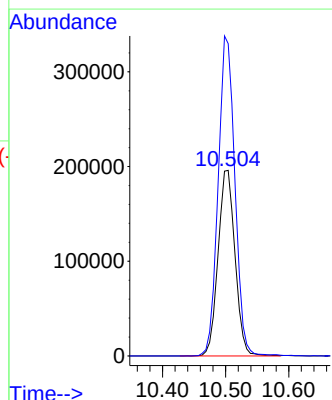
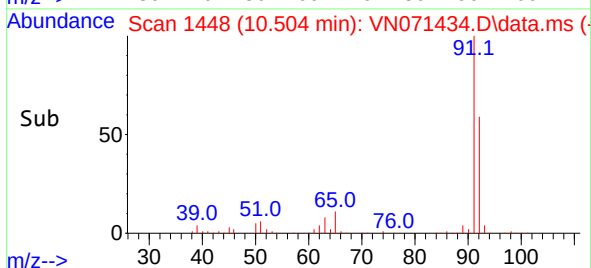
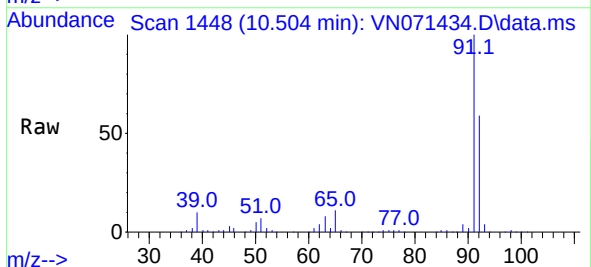
Manual Integrations
APPROVED

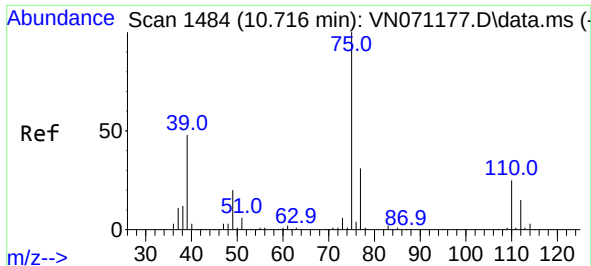
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 19.088 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

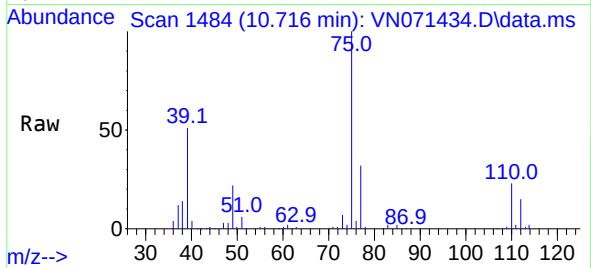
Tgt Ion: 92 Resp: 364741
Ion Ratio Lower Upper
92 100
91 170.5 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 18.648 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN071434.D
 Acq: 21 Mar 2022 21:42

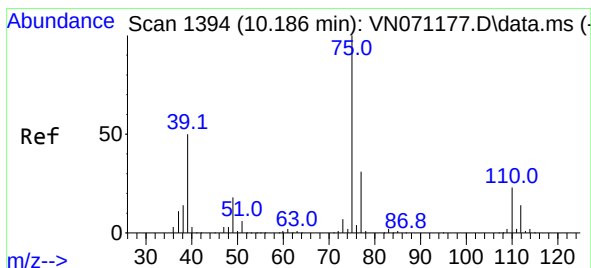
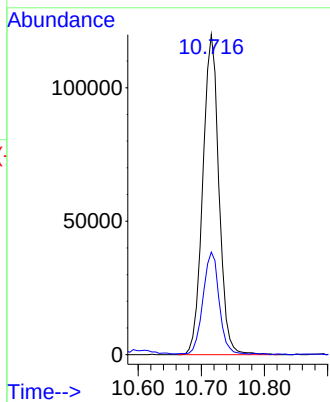
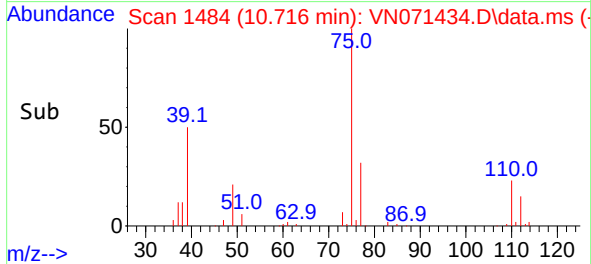
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01



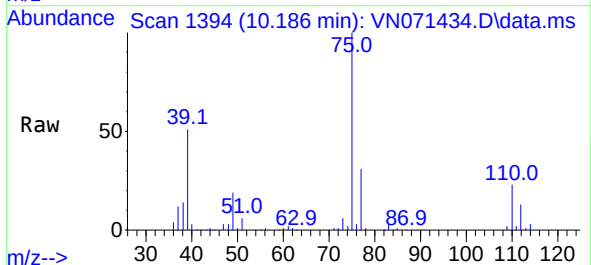
Tgt Ion: 75 Resp: 212998
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.6 38.4

Manual Integrations
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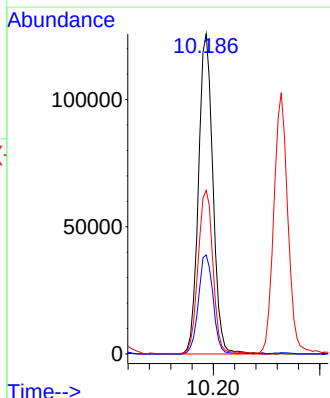
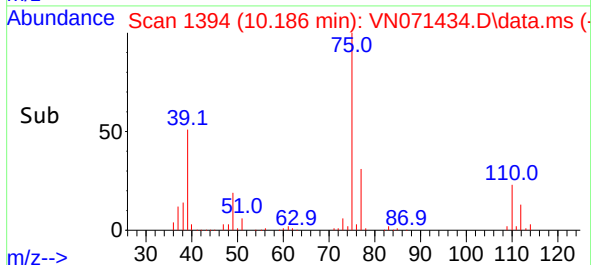
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

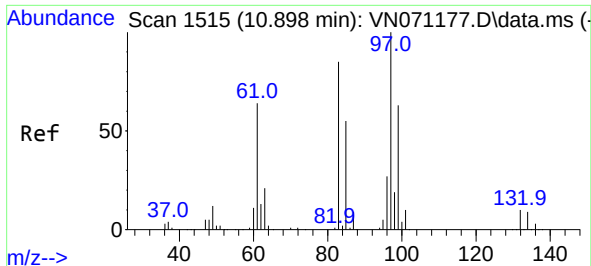


#54
 cis-1,3-Dichloropropene
 Concen: 18.918 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071434.D
 Acq: 21 Mar 2022 21:42



Tgt Ion: 75 Resp: 236106
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.4 39.6
 39 51.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.817 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

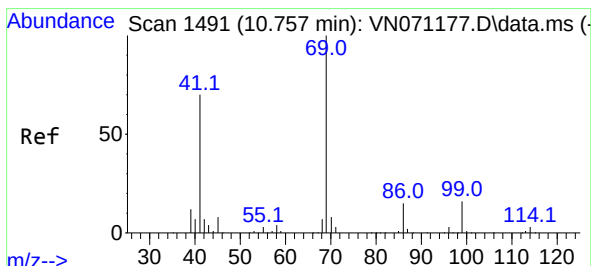
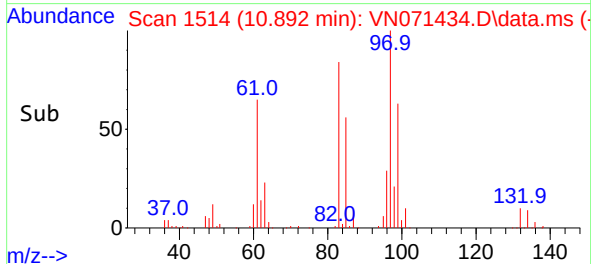
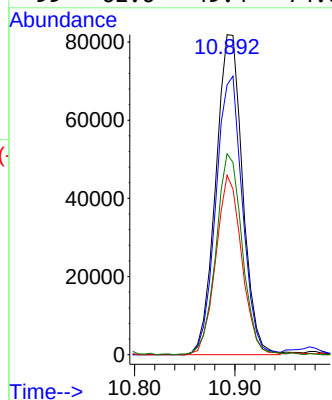
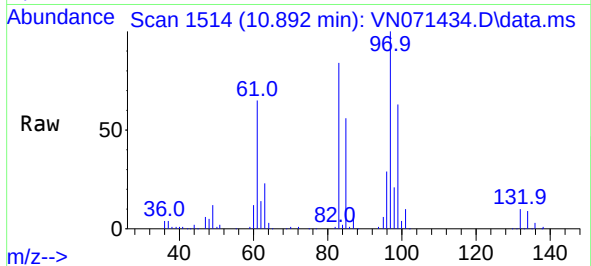
VN0321WBSD01

Tgt Ion: 97 Resp: 151744
Ion Ratio Lower Upper
97 100
83 84.3 67.8 101.6
85 56.0 45.4 68.2
99 62.6 49.4 74.0

Manual Integrations

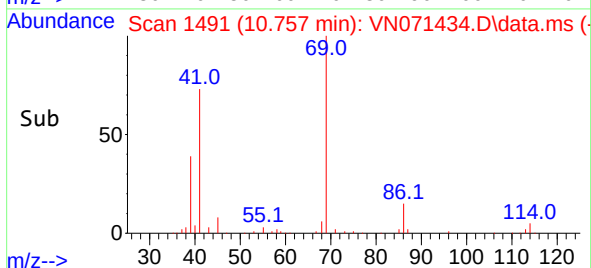
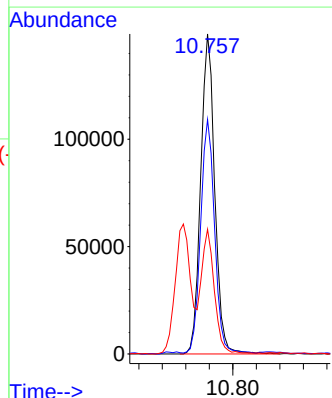
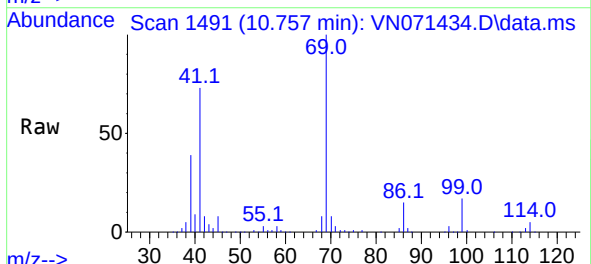
APPROVED

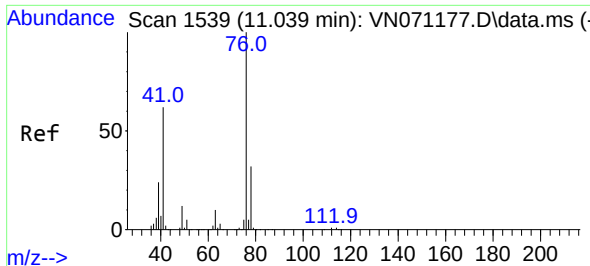
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#56
Ethyl methacrylate
Concen: 19.787 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

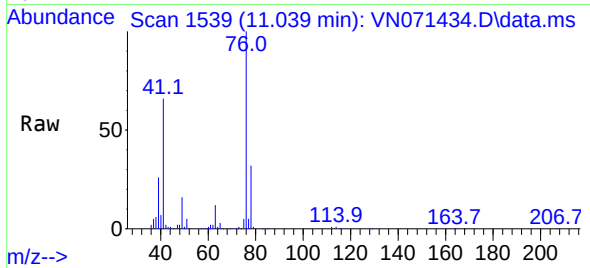
Tgt Ion: 69 Resp: 247429
Ion Ratio Lower Upper
69 100
41 72.5 51.4 77.0
39 34.7 34.6 52.0





#57
1,3-Dichloropropane
Concen: 19.483 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

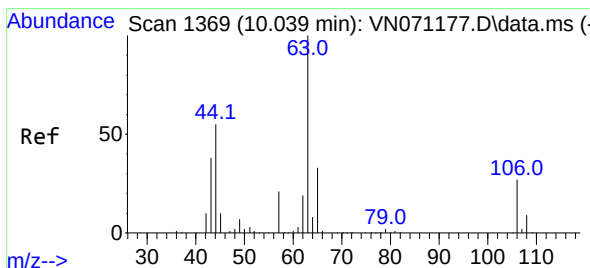
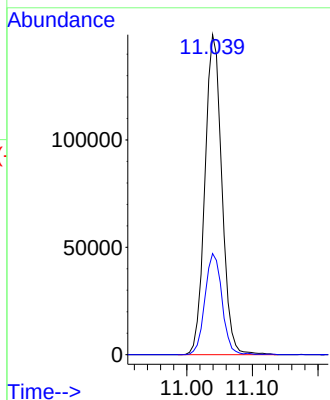
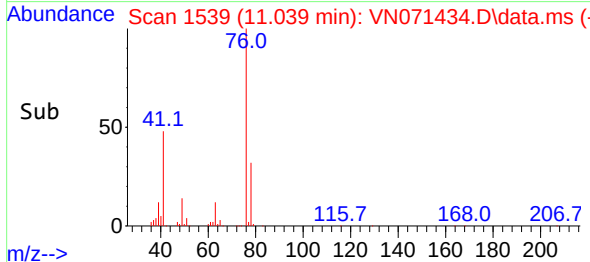
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



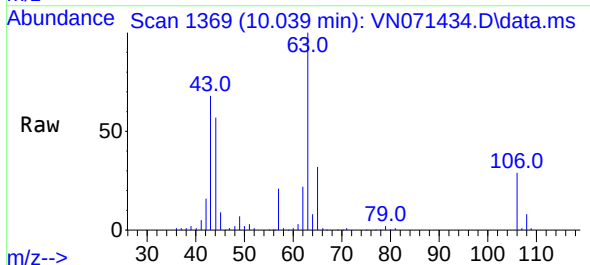
Tgt Ion: 76 Resp: 267778
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
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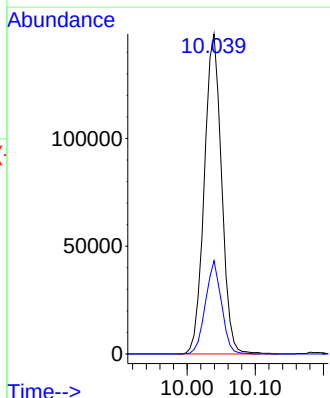
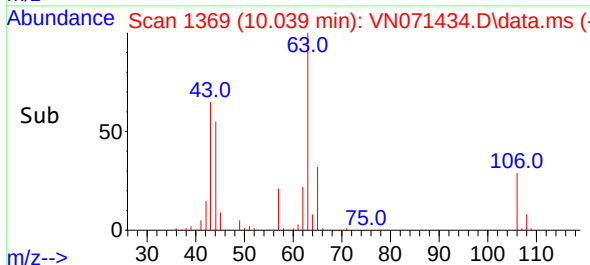
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

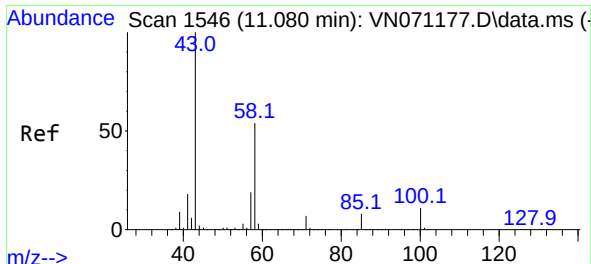


#58
2-Chloroethyl Vinyl ether
Concen: 116.415 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



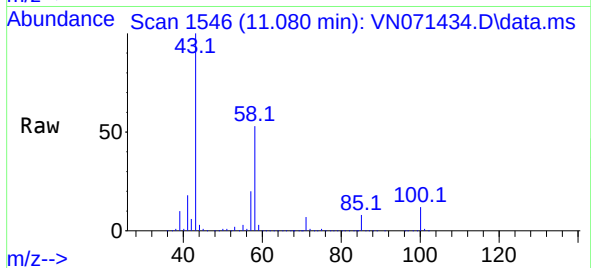
Tgt Ion: 63 Resp: 261815
Ion Ratio Lower Upper
63 100
106 27.0 23.9 35.9





#59
2-Hexanone
Concen: 114.717 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

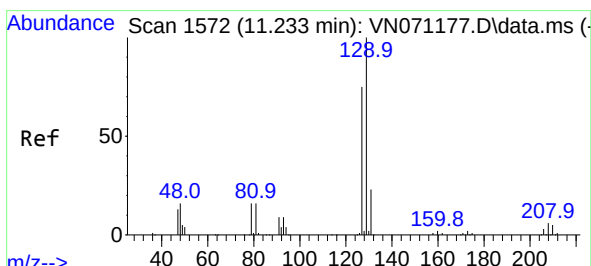
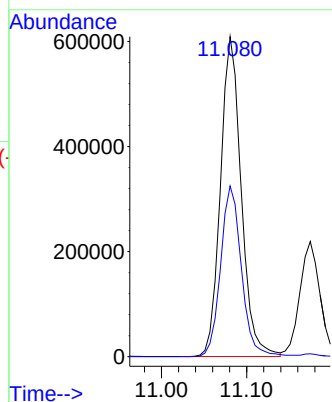
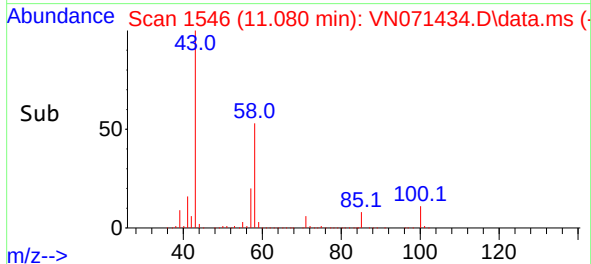
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



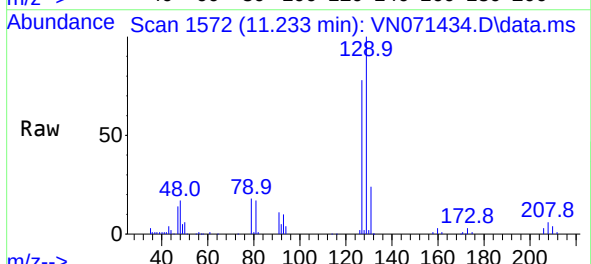
Tgt Ion: 43 Resp: 102967
Ion Ratio Lower Upper
43 100
58 53.6 26.9 80.7

Manual Integrations
APPROVED

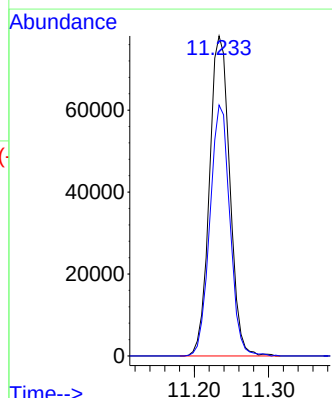
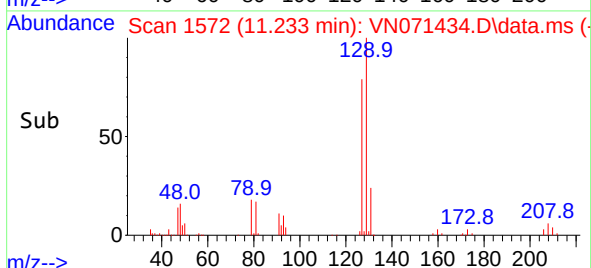
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

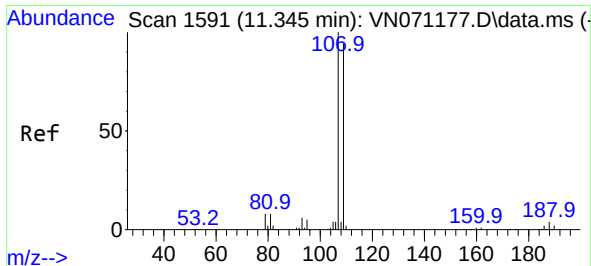


#60
Dibromochloromethane
Concen: 19.524 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



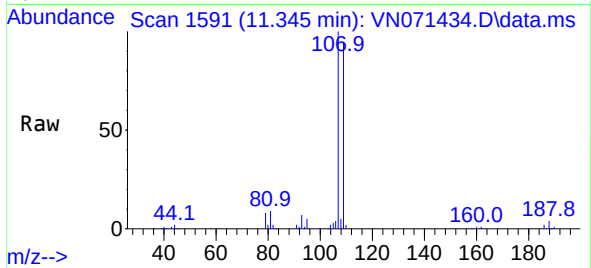
Tgt Ion:129 Resp: 148538
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.042 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

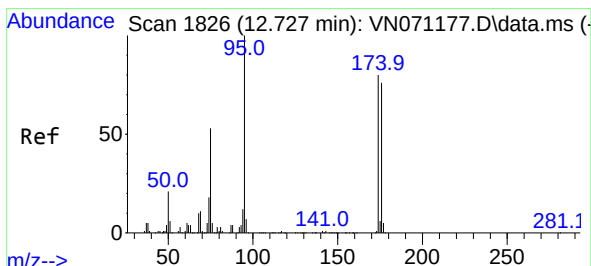
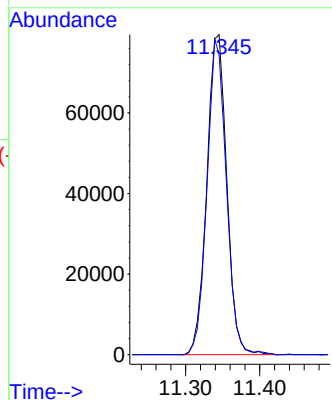
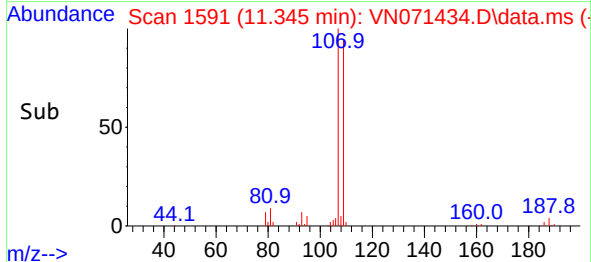
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



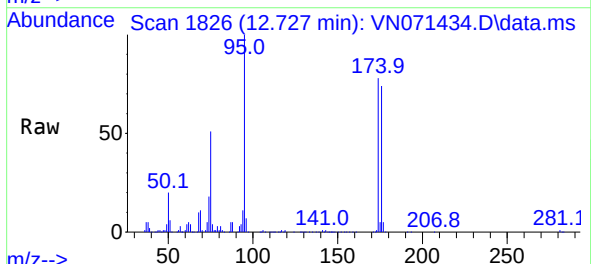
Tgt Ion:107 Resp: 14902
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5

Manual Integrations
APPROVED

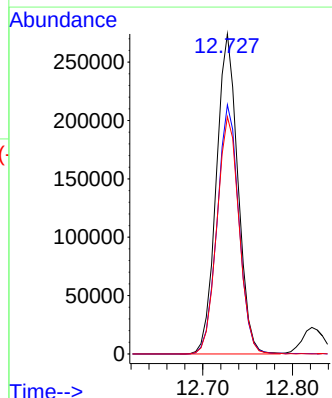
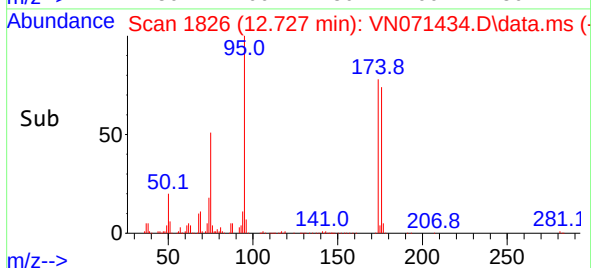
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

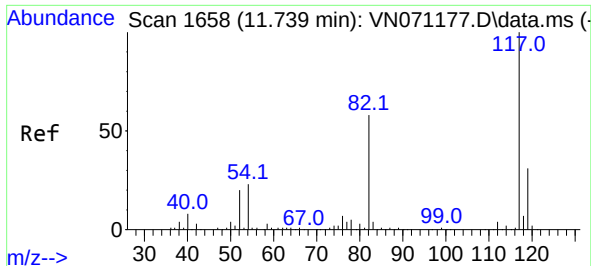


#62
4-Bromofluorobenzene
Concen: 52.192 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



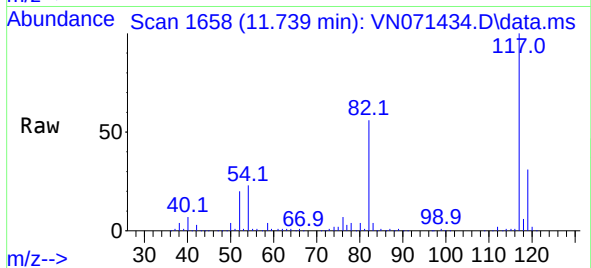
Tgt Ion: 95 Resp: 457434
Ion Ratio Lower Upper
95 100
174 78.1 0.0 187.2
176 75.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

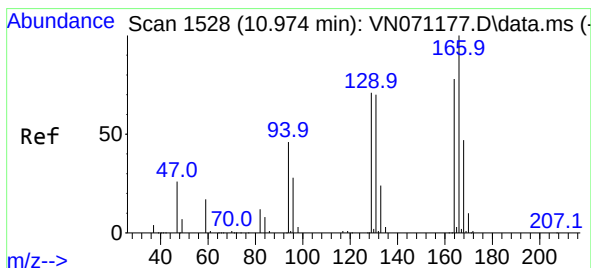
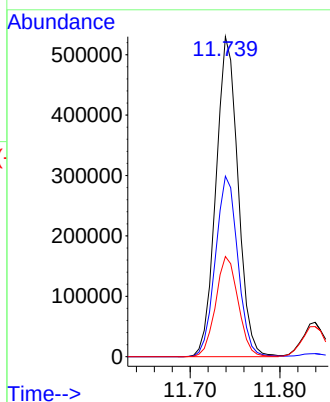
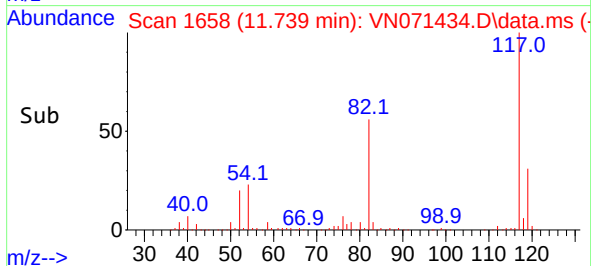
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



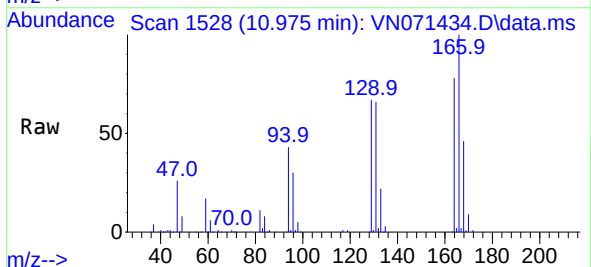
Tgt Ion:117 Resp: 90525
Ion Ratio Lower Upper
117 100
82 56.4 42.4 63.6
119 31.3 25.4 38.2

Manual Integrations
APPROVED

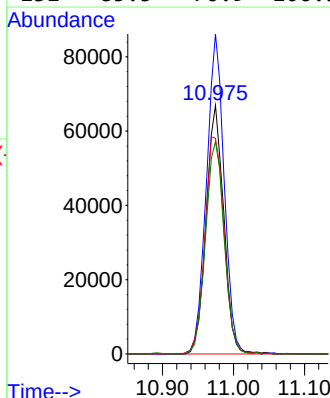
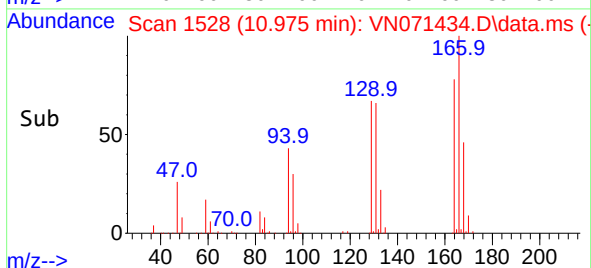
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

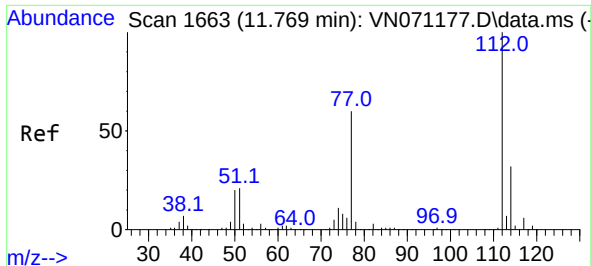


#64
Tetrachloroethene
Concen: 18.419 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



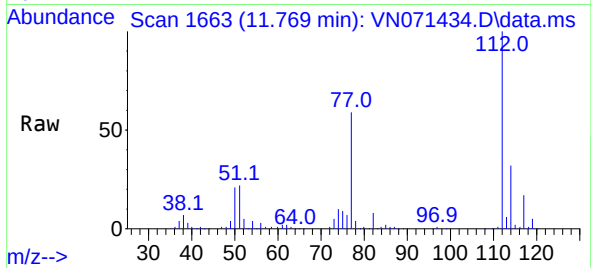
Tgt Ion:164 Resp: 116292
Ion Ratio Lower Upper
164 100
166 128.7 101.9 152.9
129 86.8 72.0 108.0
131 85.5 70.9 106.3





#65
Chlorobenzene
Concen: 19.201 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

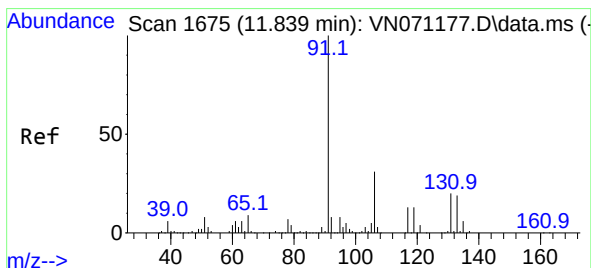
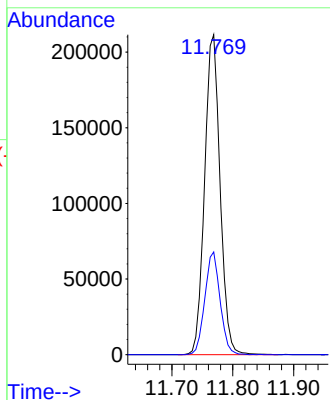
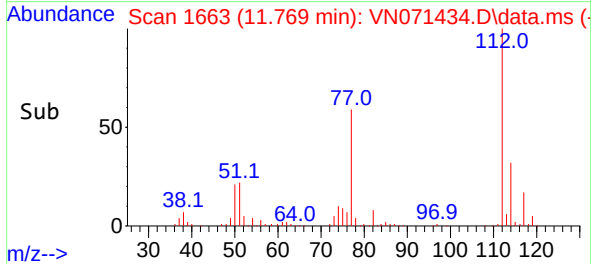
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



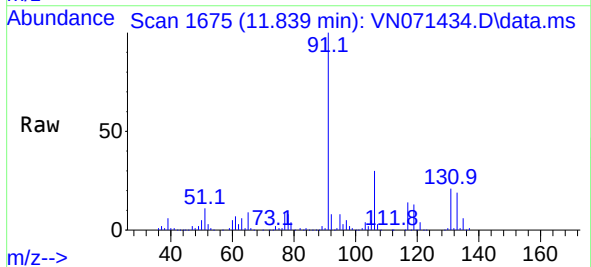
Tgt Ion:112 Resp: 373284
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0

Manual Integrations
APPROVED

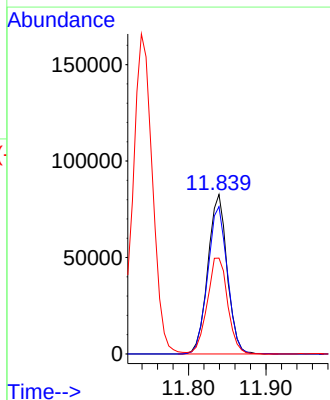
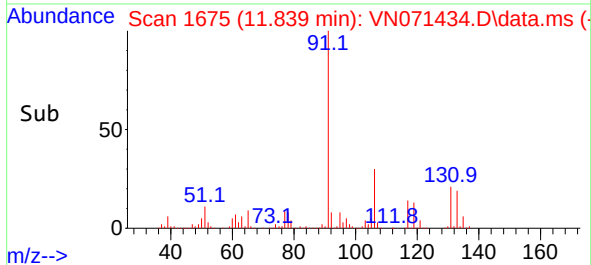
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

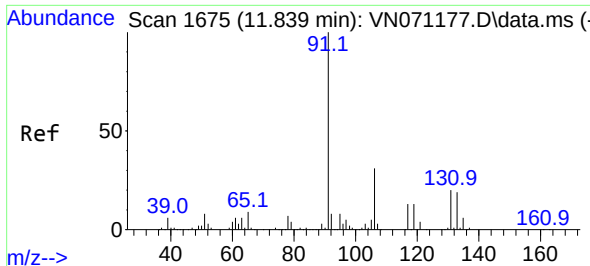


#66
1,1,1,2-Tetrachloroethane
Concen: 20.024 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



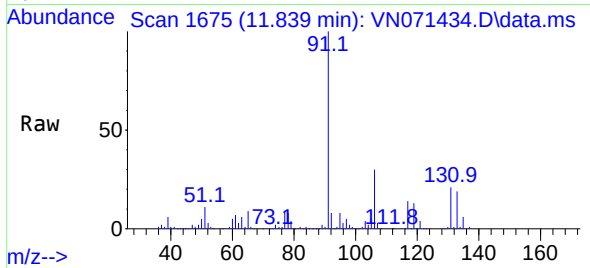
Tgt Ion:131 Resp: 142744
Ion Ratio Lower Upper
131 100
133 94.4 47.9 143.7
119 63.8 32.1 96.5





#67
Ethyl Benzene
Concen: 19.544 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

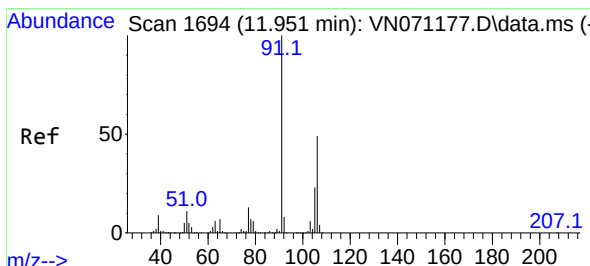
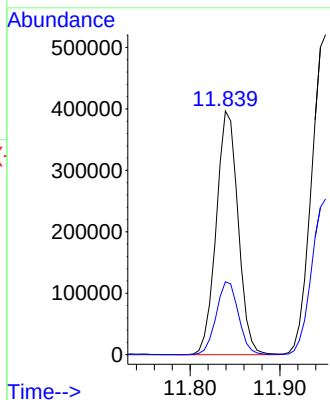
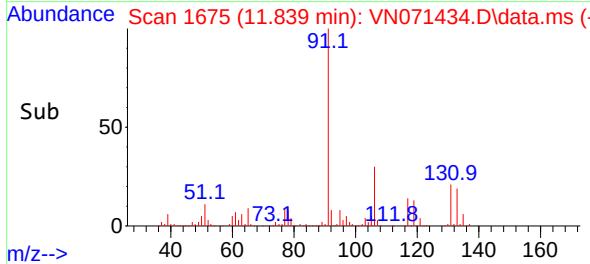
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



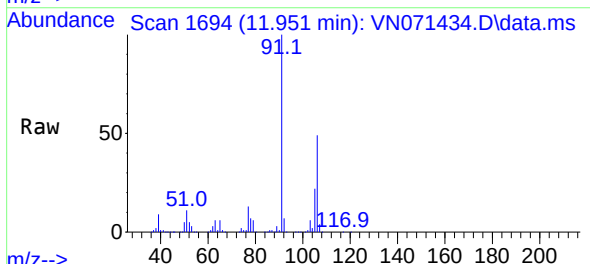
Tgt Ion: 91 Resp: 671812
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

Manual Integrations
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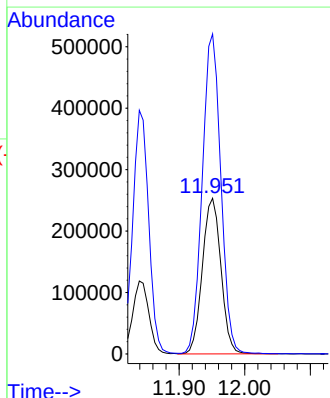
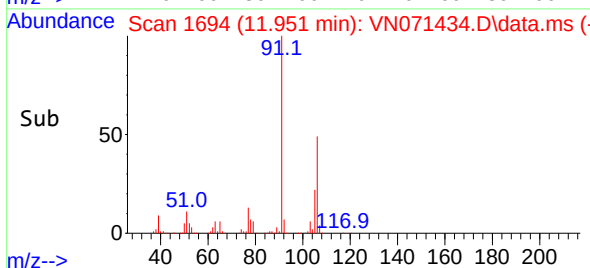
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

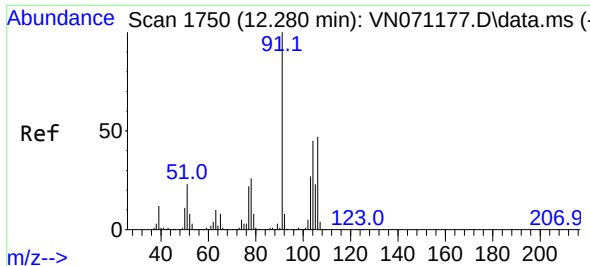


#68
m/p-Xylenes
Concen: 39.640 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



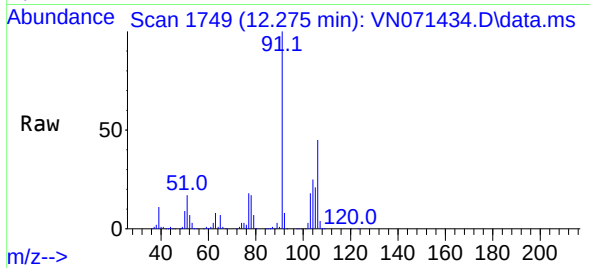
Tgt Ion:106 Resp: 498470
Ion Ratio Lower Upper
106 100
91 205.5 160.6 240.8





#69
o-Xylene
Concen: 19.872 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.005 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

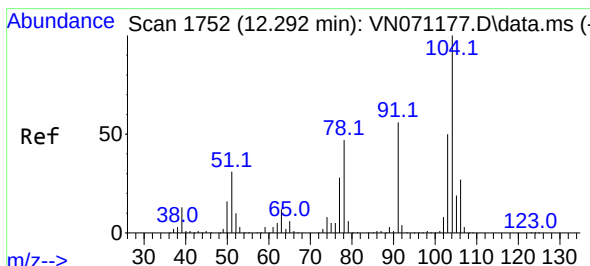
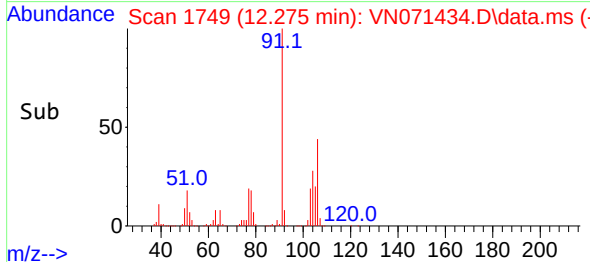
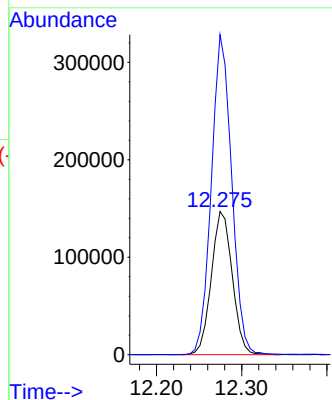
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion:106 Resp: 250493
Ion Ratio Lower Upper
106 100
91 217.5 105.8 317.3

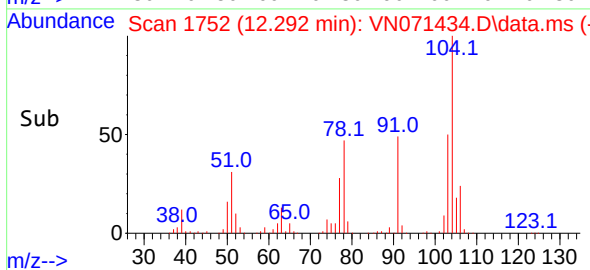
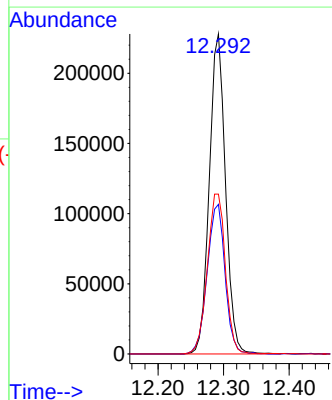
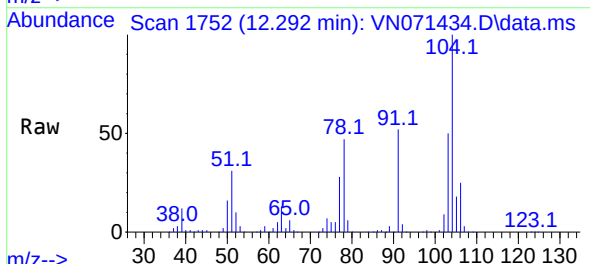
Manual Integrations
APPROVED

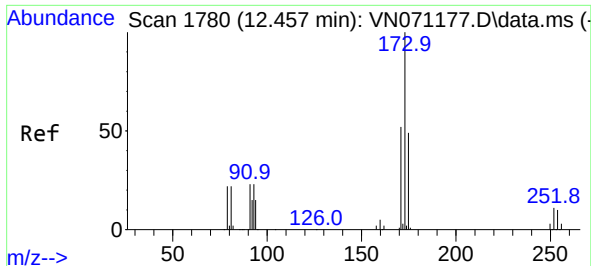
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 20.106 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

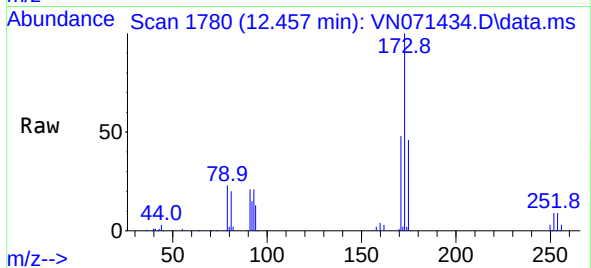
Tgt Ion:104 Resp: 392300
Ion Ratio Lower Upper
104 100
78 51.5 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 20.438 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

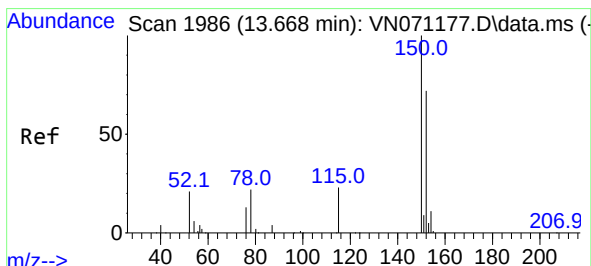
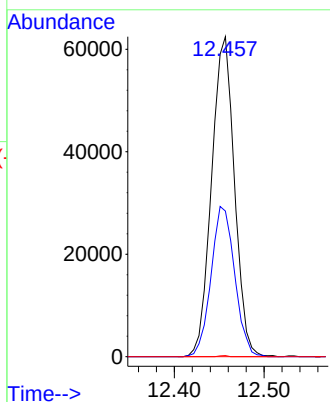
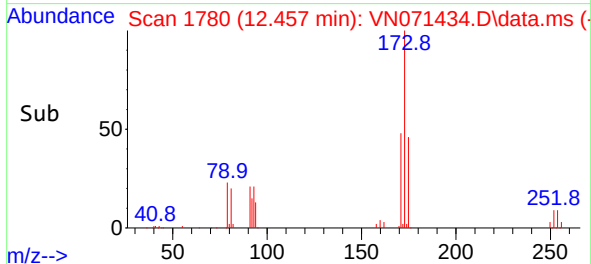
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



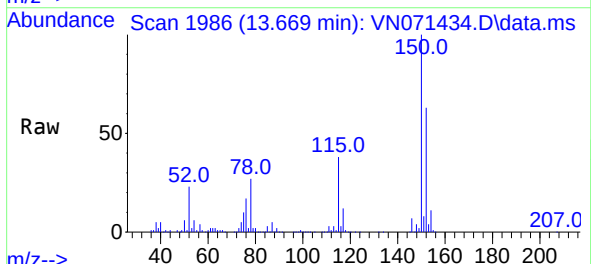
Tgt Ion:173 Resp: 110639
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

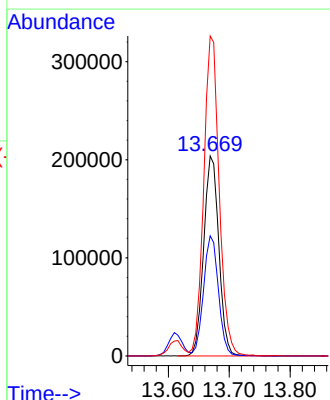
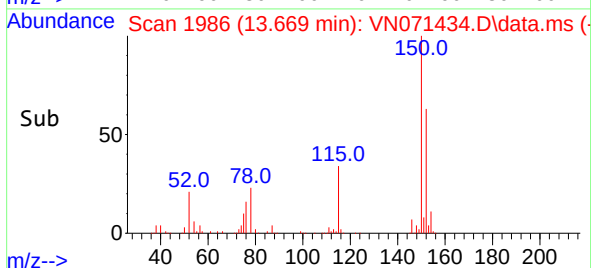
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

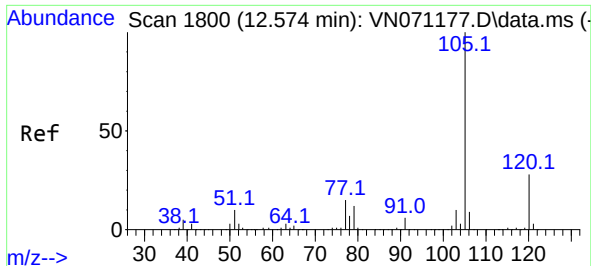


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



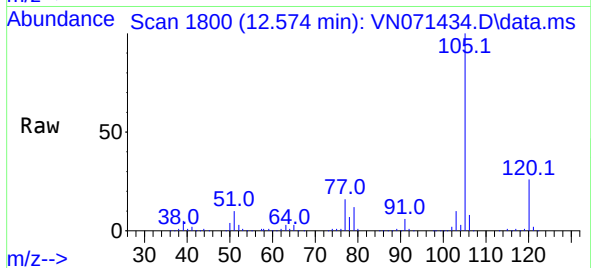
Tgt Ion:152 Resp: 353030
Ion Ratio Lower Upper
152 100
115 59.3 27.5 82.5
150 162.9 0.0 344.4





#73
Isopropylbenzene
Concen: 19.080 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

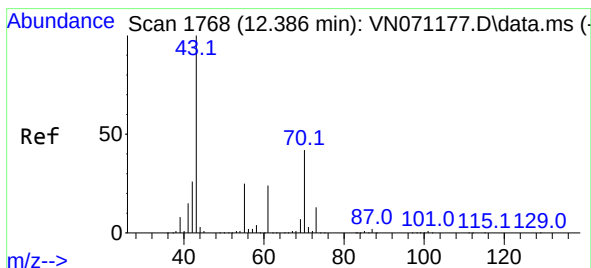
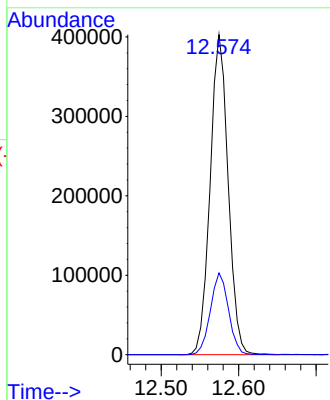
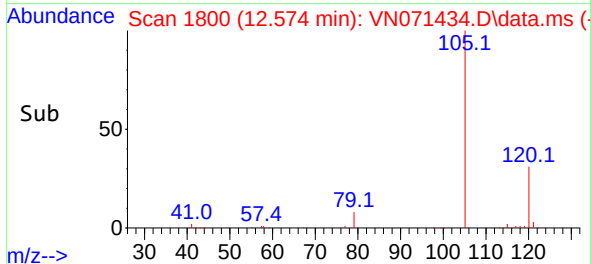
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



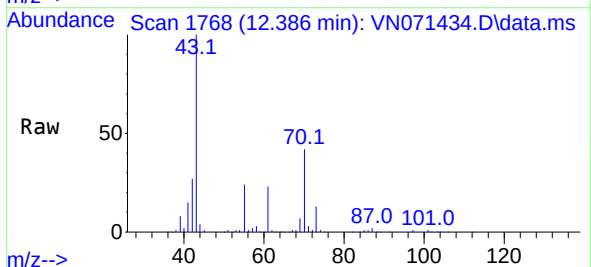
Tgt Ion:105 Resp: 649335
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
APPROVED

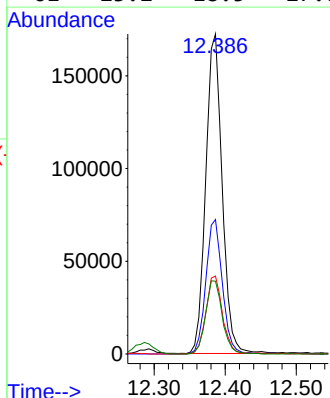
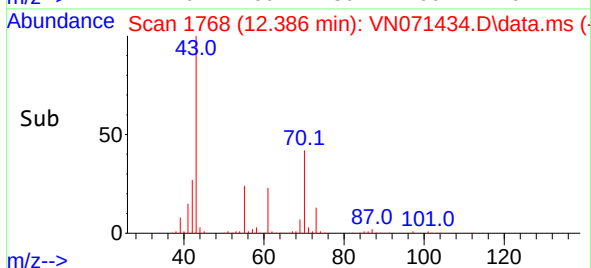
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

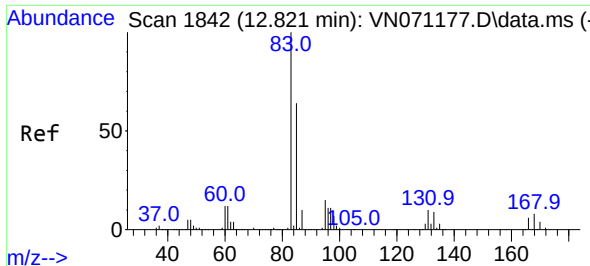


#74
N-ethyl acetate
Concen: 21.669 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



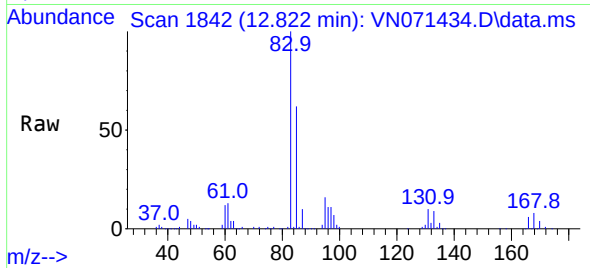
Tgt Ion: 43 Resp: 277275
Ion Ratio Lower Upper
43 100
70 42.3 33.4 50.0
55 24.7 19.3 28.9
61 23.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.503 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

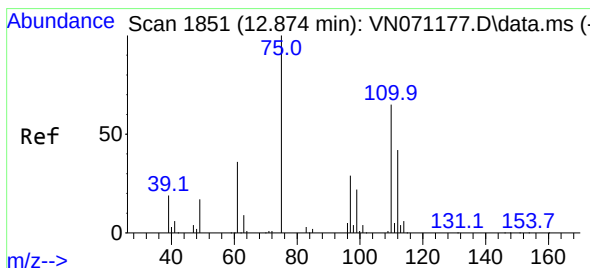
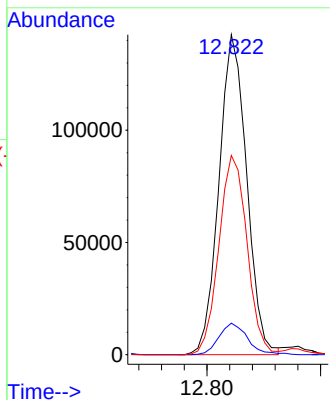
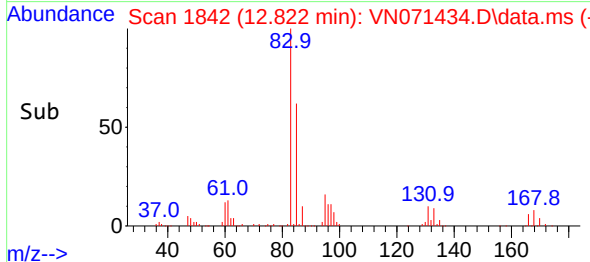
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



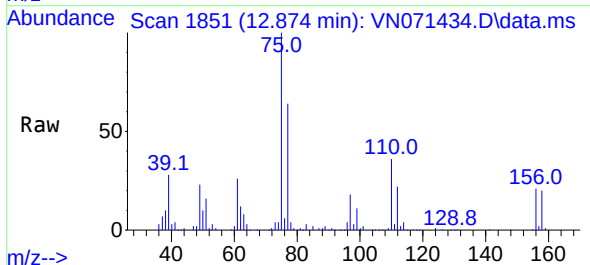
Tgt Ion: 83 Resp: 241822
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 63.1 32.4 97.2

Manual Integrations
APPROVED

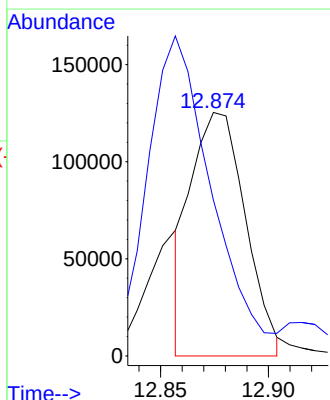
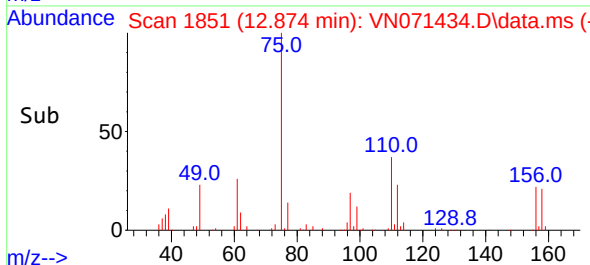
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

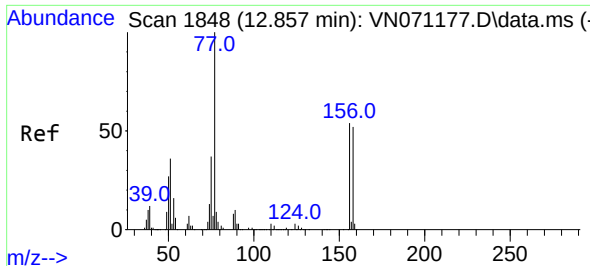


#76
1,2,3-Trichloropropane
Concen: 24.232 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



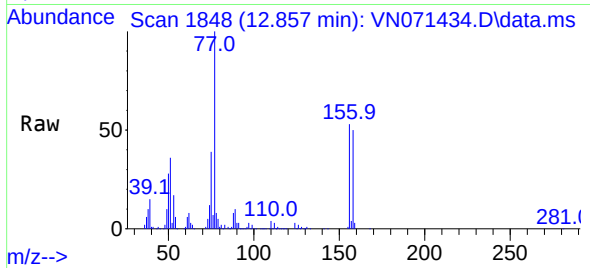
Tgt Ion: 75 Resp: 219782
Ion Ratio Lower Upper
75 100
77 156.9 82.6 247.8





#77
Bromobenzene
Concen: 19.085 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

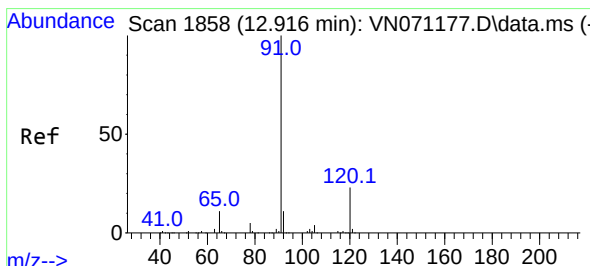
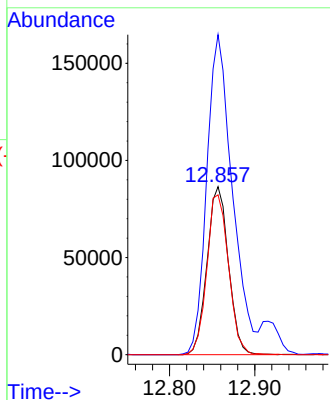
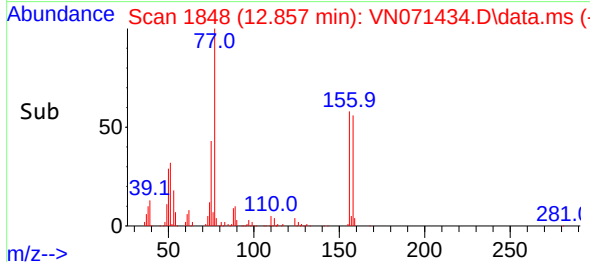
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



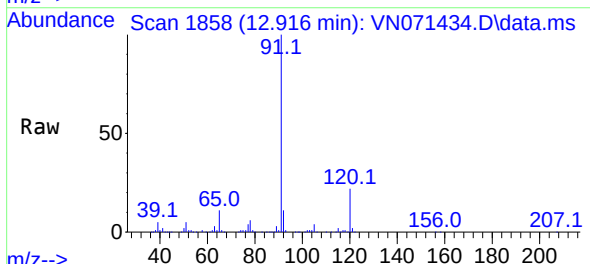
Tgt Ion:156 Resp: 15145
Ion Ratio Lower Upper
156 100
77 227.7 90.6 271.8
158 96.5 48.9 146.7

Manual Integrations
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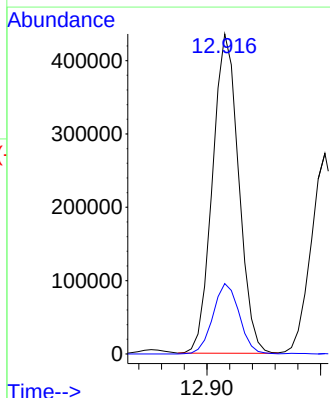
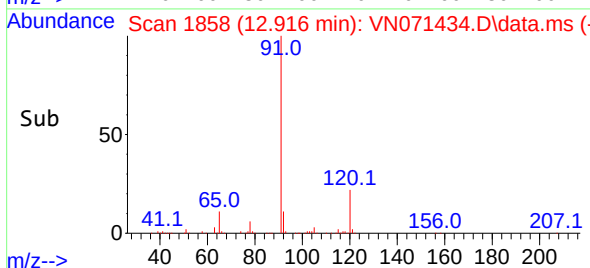
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

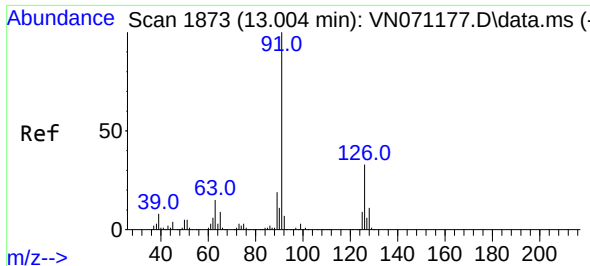


#78
n-propylbenzene
Concen: 19.097 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



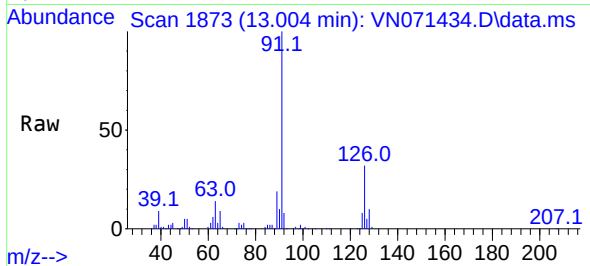
Tgt Ion: 91 Resp: 697402
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





#79
2-Chlorotoluene
Concen: 18.976 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

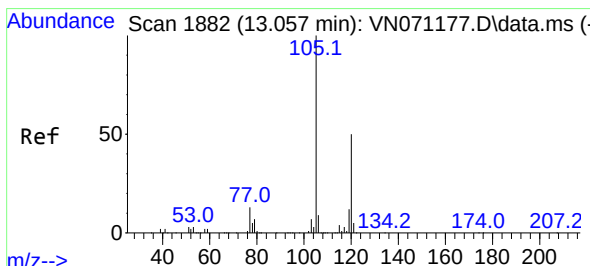
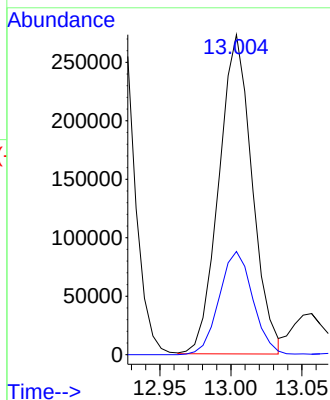
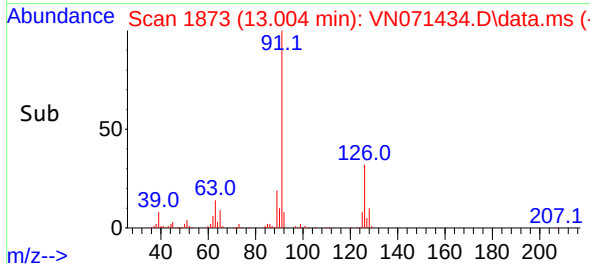
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



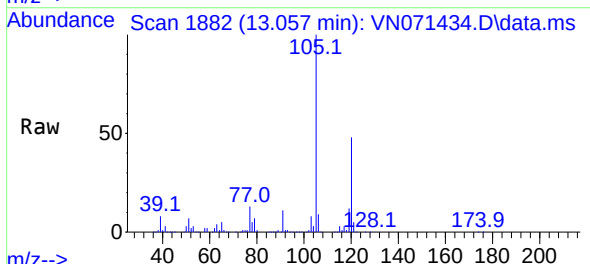
Tgt Ion: 91 Resp: 444829
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

Manual Integrations
APPROVED

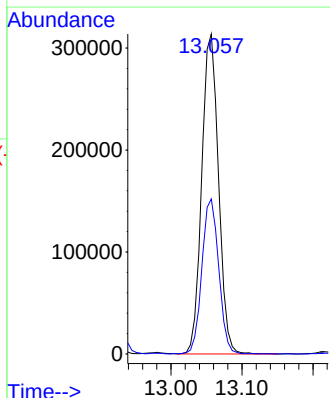
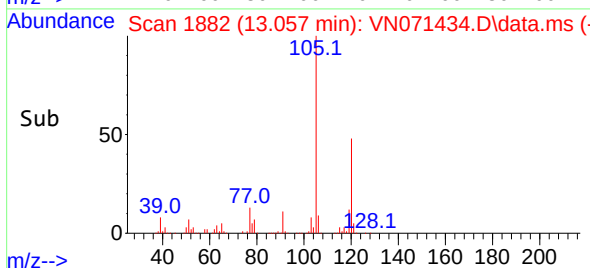
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

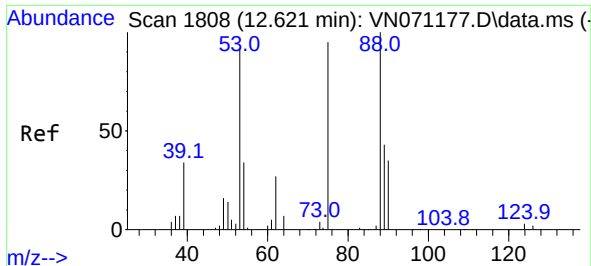


#80
1,3,5-Trimethylbenzene
Concen: 19.529 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



Tgt Ion:105 Resp: 517072
Ion Ratio Lower Upper
105 100
120 48.5 24.6 73.6





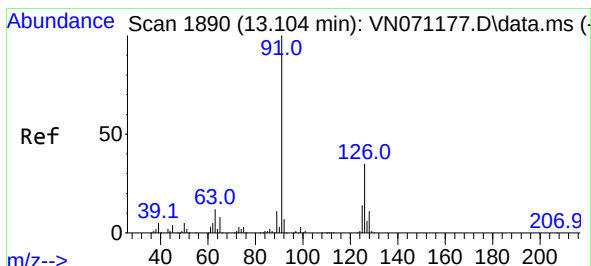
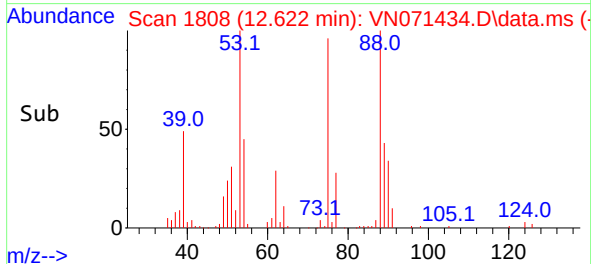
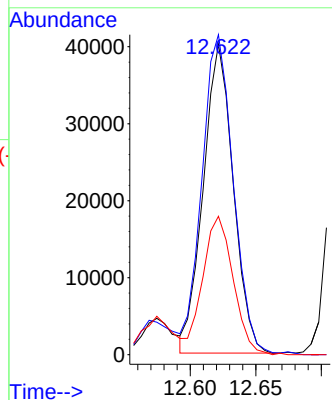
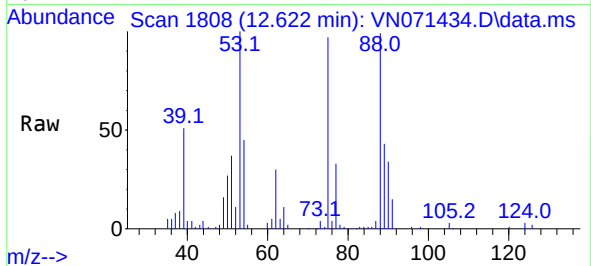
#81
trans-1,4-Dichloro-2-butene
Concen: 19.562 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01

Tgt Ion: 75 Resp: 63880
Ion Ratio Lower Upper
75 100
53 108.7 90.5 135.7
89 45.9 38.2 57.4

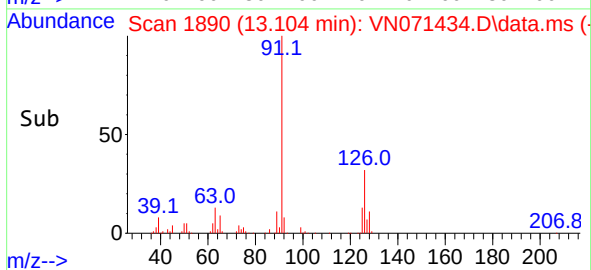
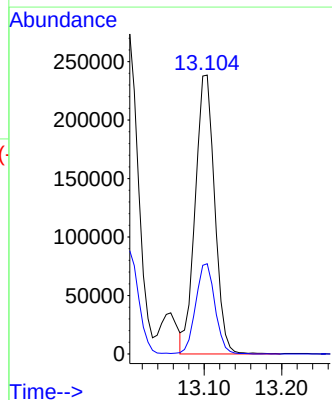
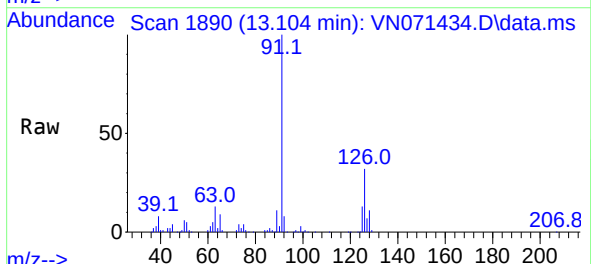
Manual Integrations
APPROVED

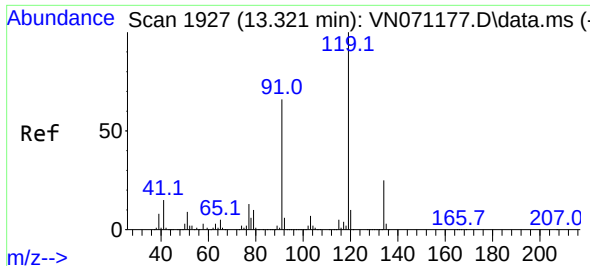
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#82
4-Chlorotoluene
Concen: 19.891 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Tgt Ion: 91 Resp: 415341
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





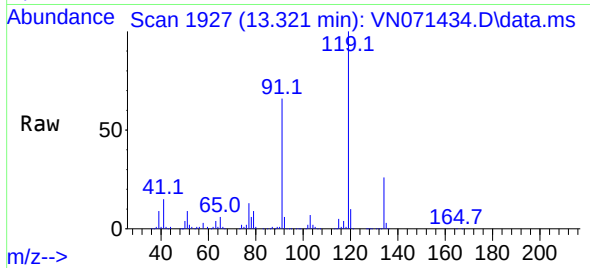
#83
tert-Butylbenzene
Concen: 19.767 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBSD01

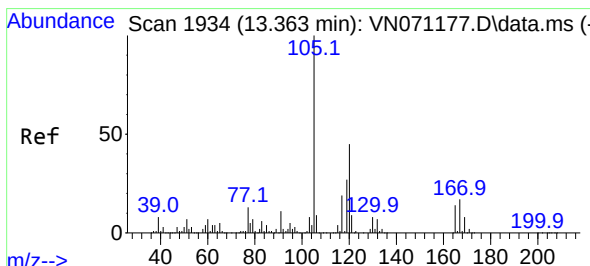
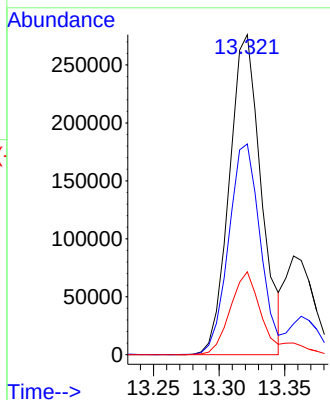
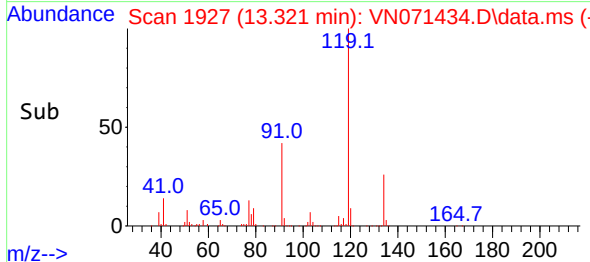


Tgt Ion:119 Resp: 467072
Ion Ratio Lower Upper
119 100
91 65.1 31.5 94.5
134 27.1 12.4 37.4

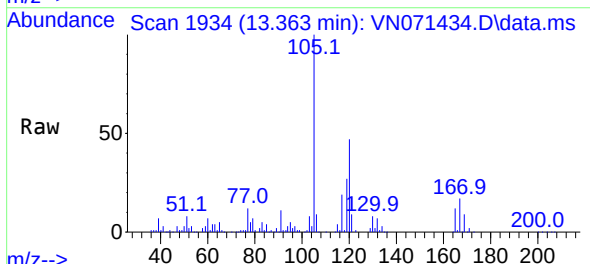
Manual Integrations

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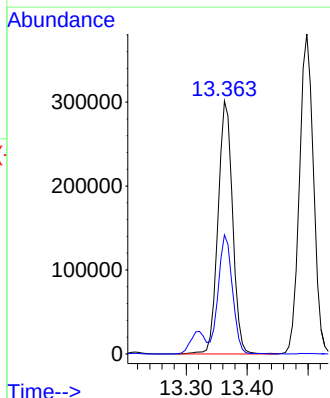
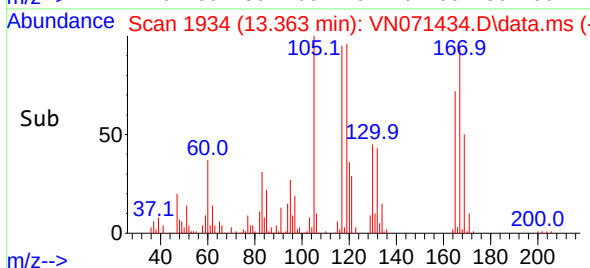
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

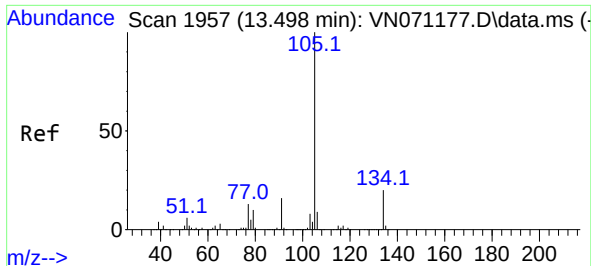


#84
1,2,4-Trimethylbenzene
Concen: 19.724 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



Tgt Ion:105 Resp: 500202
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4





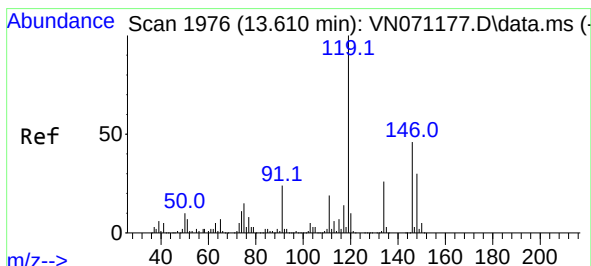
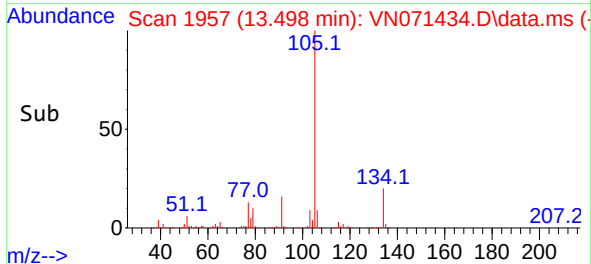
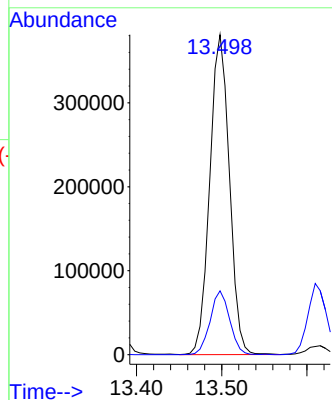
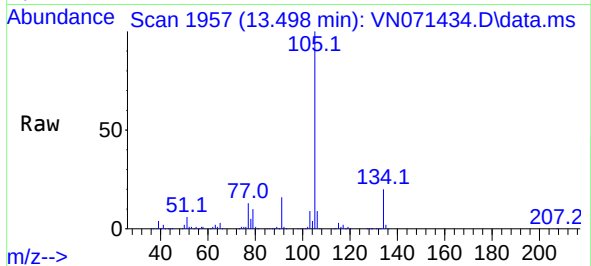
#85
 sec-Butylbenzene
 Concen: 19.401 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071434.D
 Acq: 21 Mar 2022 21:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBSD01

Tgt Ion:105 Resp: 609310
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1

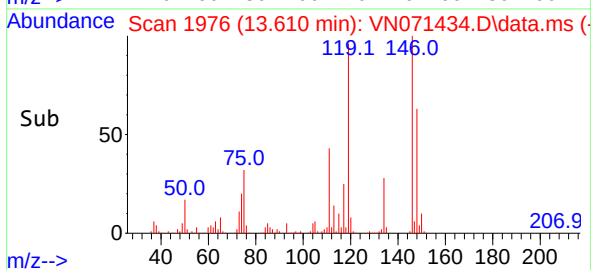
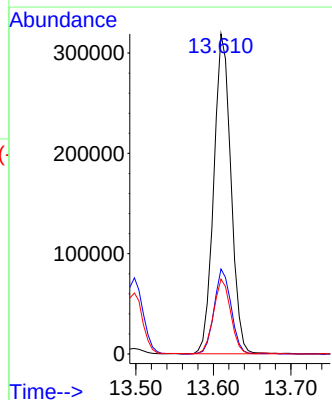
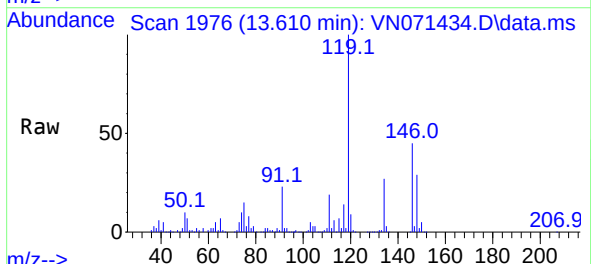
Manual Integrations
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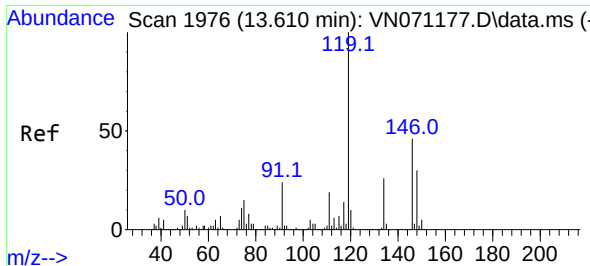
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#86
 p-Isopropyltoluene
 Concen: 19.812 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071434.D
 Acq: 21 Mar 2022 21:42

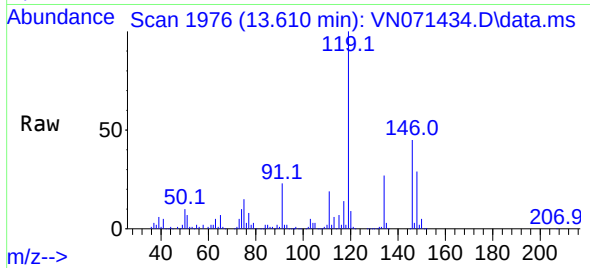
Tgt Ion:119 Resp: 489340
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 23.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.032 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

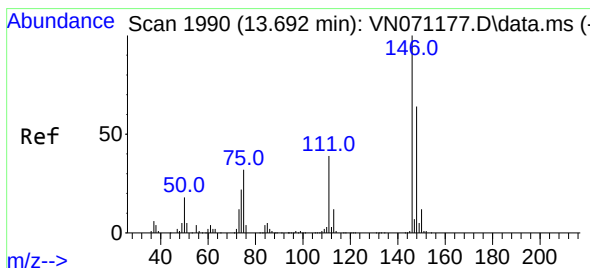
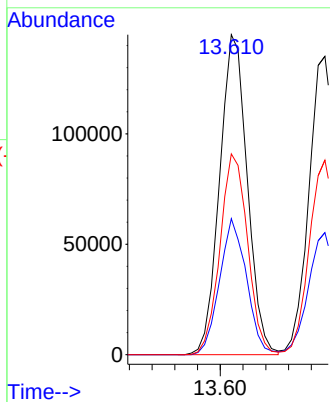
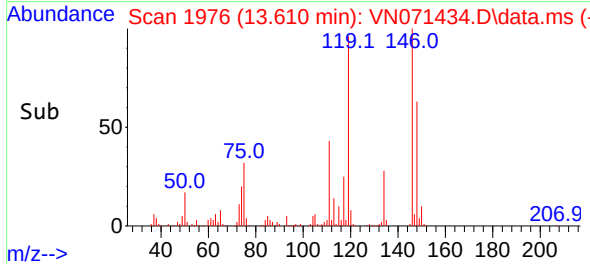
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



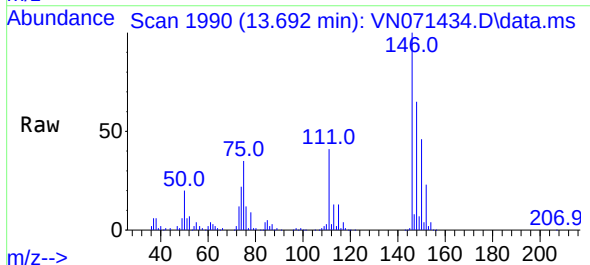
Tgt Ion:146 Resp: 245399
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 62.6 31.6 95.0

Manual Integrations
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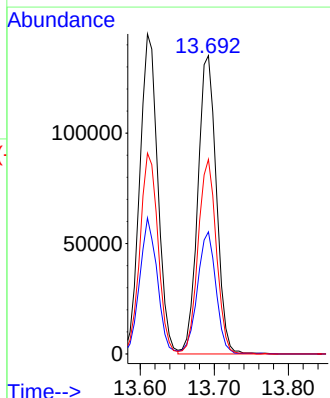
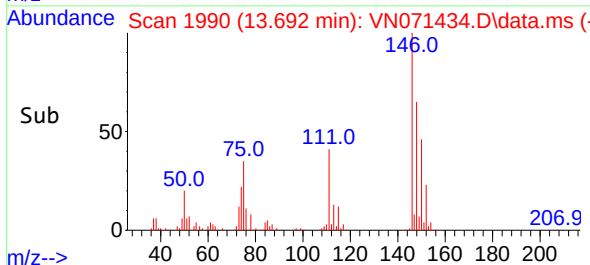
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

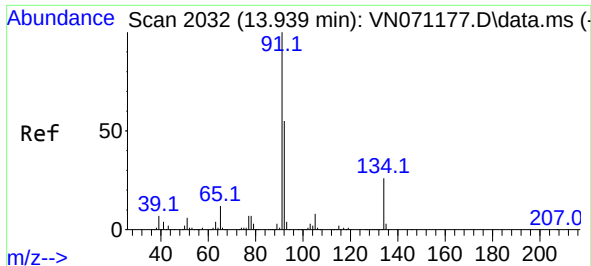


#88
1,4-Dichlorobenzene
Concen: 18.627 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



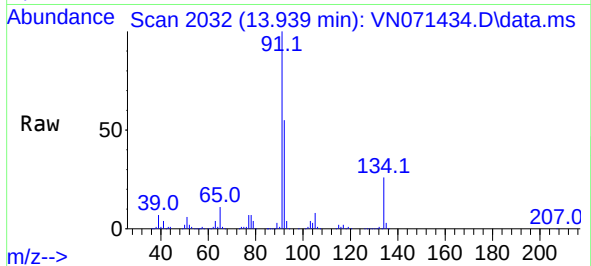
Tgt Ion:146 Resp: 234773
Ion Ratio Lower Upper
146 100
111 40.5 18.3 54.8
148 64.3 31.8 95.4





#89
n-Butylbenzene
Concen: 18.566 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

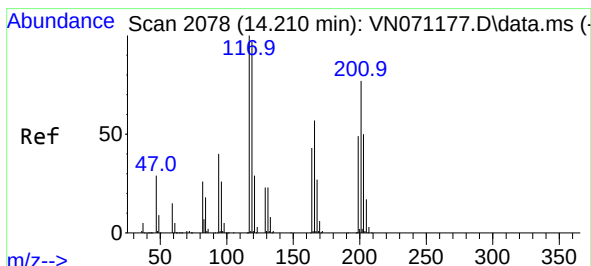
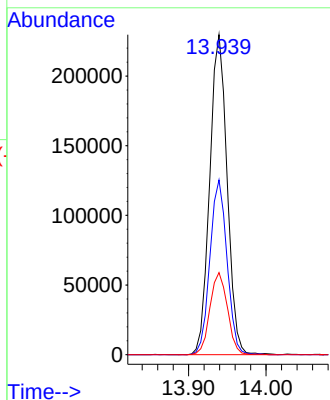
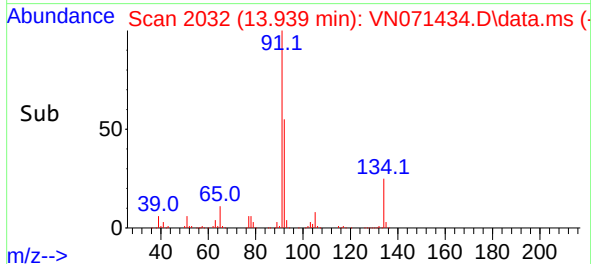
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



Tgt Ion: 91 Resp: 35865
Ion Ratio Lower Upper
91 100
92 53.7 25.4 76.0
134 25.8 13.6 40.8

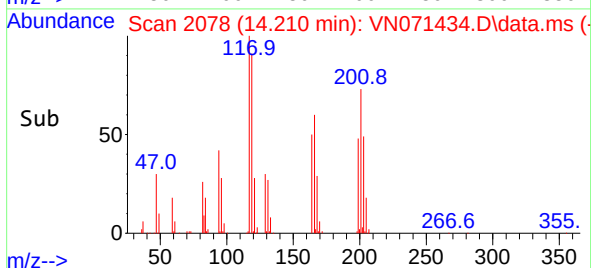
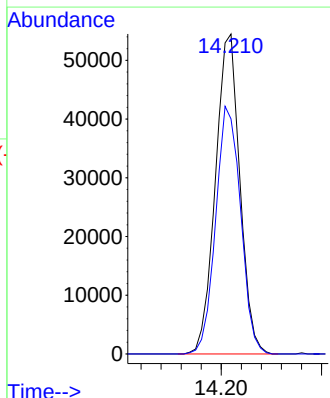
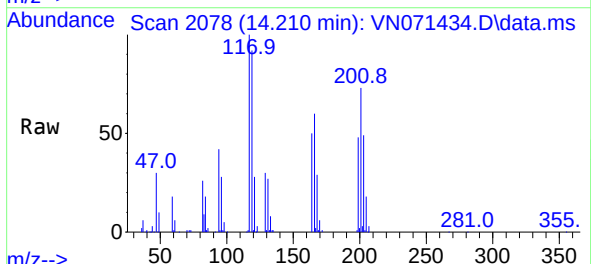
Manual Integrations
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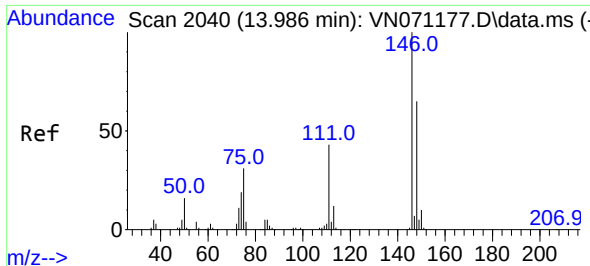
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 18.774 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

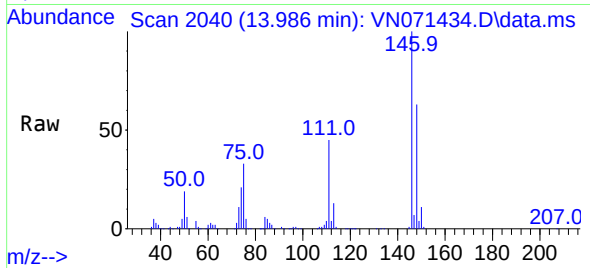
Tgt Ion:117 Resp: 92211
Ion Ratio Lower Upper
117 100
201 78.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.795 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

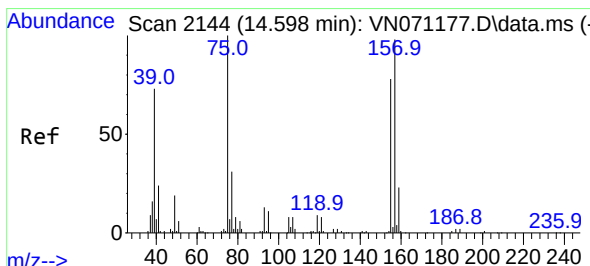
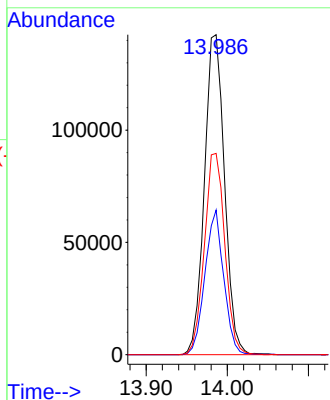
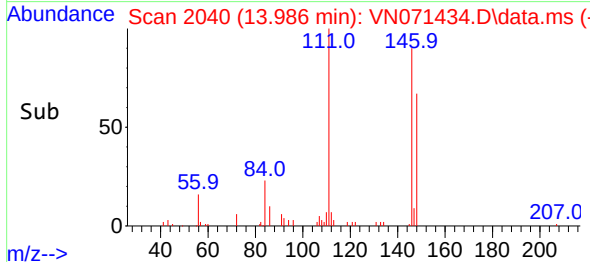
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



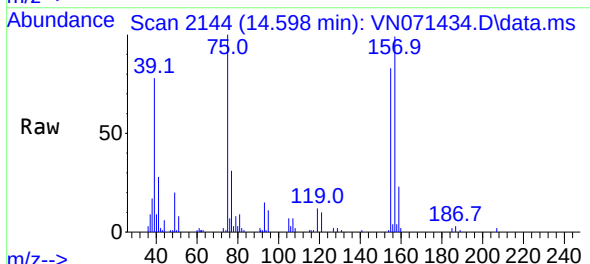
Tgt Ion:146 Resp: 245385
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
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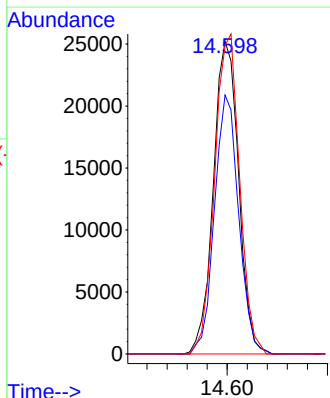
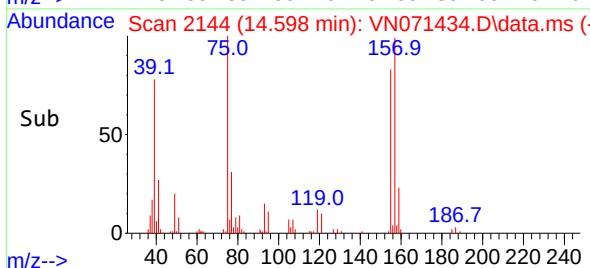
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

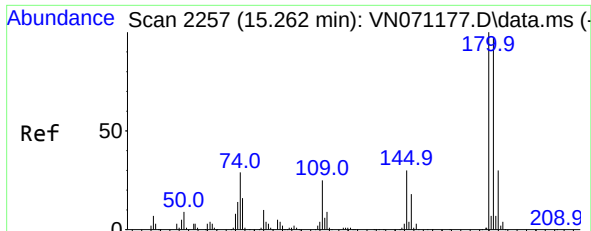


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.255 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



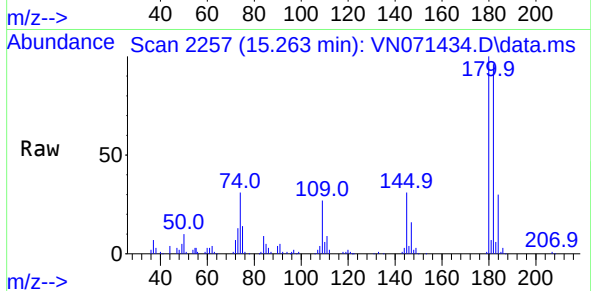
Tgt Ion: 75 Resp: 44066
Ion Ratio Lower Upper
75 100
155 79.5 46.9 140.7
157 101.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.091 ug/l
RT: 15.263 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

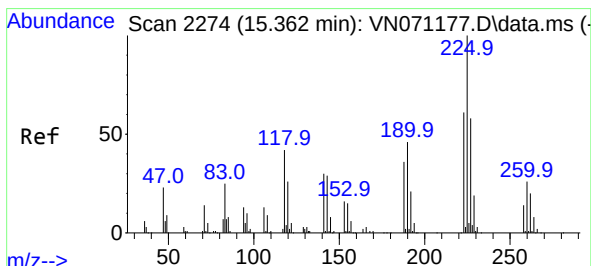
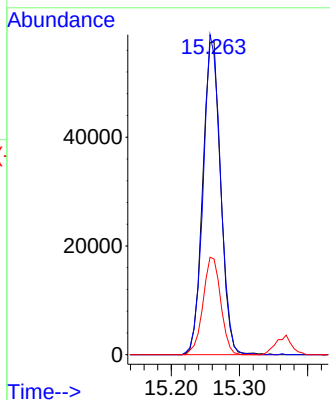
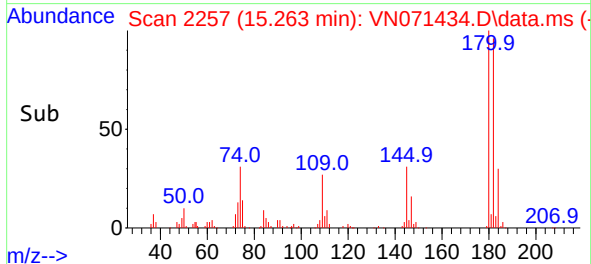
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



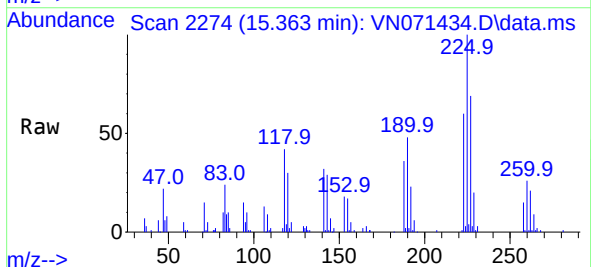
Tgt Ion:180 Resp: 105235
Ion Ratio Lower Upper
180 100
182 98.9 48.3 144.9
145 30.7 14.5 43.5

Manual Integrations
APPROVED

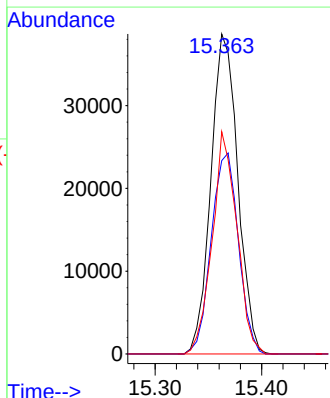
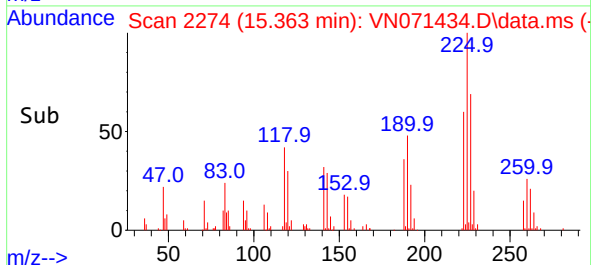
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

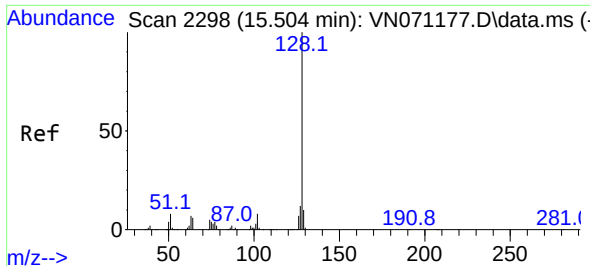


#94
Hexachlorobutadiene
Concen: 19.469 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



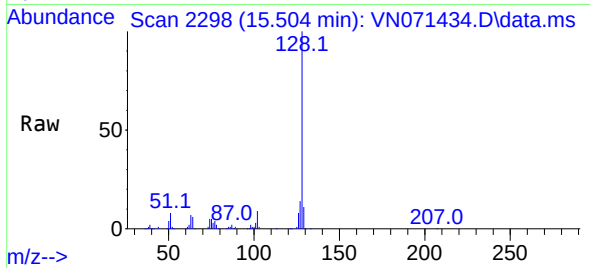
Tgt Ion:225 Resp: 67753
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 63.8 32.1 96.3





#95
Naphthalene
Concen: 23.444 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42

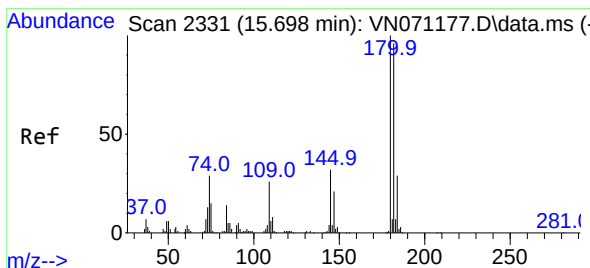
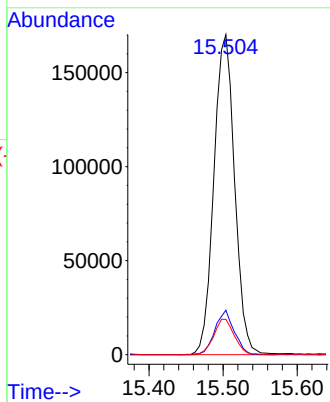
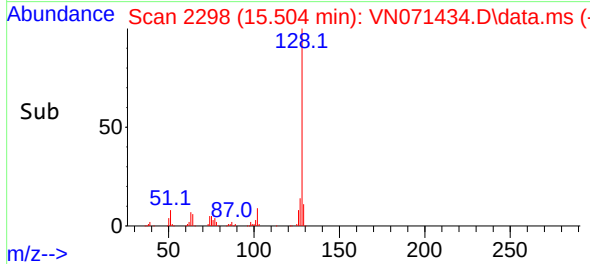
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBSD01



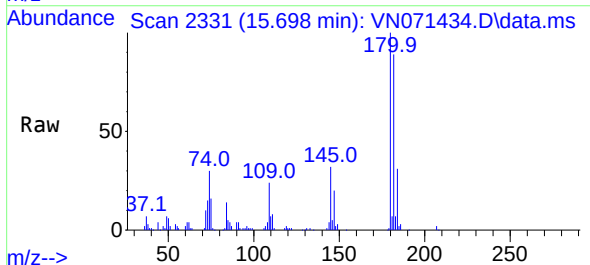
Tgt Ion:128 Resp: 33094
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.375 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071434.D
Acq: 21 Mar 2022 21:42



Tgt Ion:180 Resp: 109301
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.2
145 30.9 15.0 45.1

