

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031622\
 Data File : VN071320.D
 Acq On : 16 Mar 2022 14:52
 Operator : JC\MD
 Sample : VN0316MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 17 05:17:49 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	8.080	168	685019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1120333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1008513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	414090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	467091	49.752	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.500%		
35) Dibromofluoromethane	8.022	113	351306	49.692	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.380%		
50) Toluene-d8	10.439	98	1394200	48.980	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.727	95	463579	48.095	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	121633	16.201	ug/l	100
3) Chloromethane	2.299	50	172363	17.078	ug/l	99
4) Vinyl Chloride	2.440	62	156574	17.018	ug/l	98
5) Bromomethane	2.851	94	93844	19.156	ug/l	95
6) Chloroethane	3.016	64	99487	17.855	ug/l	100
7) Trichlorofluoromethane	3.375	101	213881	17.662	ug/l	94
8) Diethyl Ether	3.822	74	94142	18.167	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	125751	17.938	ug/l	94
10) Methyl Iodide	4.422	142	162969	16.459	ug/l	98
11) Tert butyl alcohol	5.363	59	158485	85.931	ug/l	99
12) 1,1-Dichloroethene	4.181	96	121301	17.663	ug/l	93
13) Acrolein	4.040	56	95559	48.951	ug/l	99
14) Allyl chloride	4.840	41	255607	17.113	ug/l	88
15) Acrylonitrile	5.551	53	474829	86.705	ug/l	99
16) Acetone	4.287	43	396401	86.776	ug/l	99
17) Carbon Disulfide	4.534	76	283337	14.492	ug/l	99
18) Methyl Acetate	4.851	43	234694	19.420	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	489170	18.971	ug/l	98
20) Methylene Chloride	5.098	84	150790	18.305	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	130733	17.404	ug/l	94
22) Diisopropyl ether	6.492	45	544090	18.490	ug/l	95
23) Vinyl Acetate	6.428	43	2312604	92.830	ug/l	97
24) 1,1-Dichloroethane	6.386	63	280830	18.060	ug/l	100
25) 2-Butanone	7.333	43	661674	89.917	ug/l	97
26) 2,2-Dichloropropane	7.328	77	222683	18.563	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	160566	18.010	ug/l	91
28) Bromochloromethane	7.657	49	113020	16.322	ug/l	85
29) Tetrahydrofuran	7.681	42	447593	87.799	ug/l	93
30) Chloroform	7.816	83	270709	18.253	ug/l	99
31) Cyclohexane	8.092	56	261505	17.442	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	234808	18.587	ug/l	98
36) 1,1-Dichloropropene	8.222	75	203086	17.929	ug/l	96
37) Ethyl Acetate	7.410	43	274226	17.591	ug/l	97
38) Carbon Tetrachloride	8.204	117	195934	17.883	ug/l	97
39) Methylcyclohexane	9.457	83	242343	18.187	ug/l	94
40) Benzene	8.457	78	619550	18.154	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	139156	18.240	ug/l #	87
42) 1,2-Dichloroethane	8.527	62	220907	18.601	ug/l	99
43) Isopropyl Acetate	8.557	43	449785	19.294	ug/l	94
44) Trichloroethene	9.216	130	148159	18.399	ug/l	98
45) 1,2-Dichloropropane	9.486	63	166953	18.224	ug/l	99
46) Dibromomethane	9.574	93	102949	18.257	ug/l	96
47) Bromodichloromethane	9.757	83	207197	18.183	ug/l	99
48) Methyl methacrylate	9.557	41	198169	18.343	ug/l #	83
49) 1,4-Dioxane	9.569	88	66668	355.027	ug/l	91
51) 4-Methyl-2-Pentanone	10.327	43	1338858	92.542	ug/l	99
52) Toluene	10.504	92	387365	18.433	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	231536	18.432	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	253963	18.503	ug/l	99
55) 1,1,2-Trichloroethane	10.898	97	156211	18.550	ug/l	96
56) Ethyl methacrylate	10.757	69	252819	18.384	ug/l	90
57) 1,3-Dichloropropane	11.039	76	278474	18.423	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	313632	124.317	ug/l	95
59) 2-Hexanone	11.080	43	960089	97.260	ug/l	99
60) Dibromochloromethane	11.233	129	155764	18.616	ug/l	100
61) 1,2-Dibromoethane	11.345	107	156869	18.227	ug/l	99
64) Tetrachloroethene	10.974	164	128146	18.219	ug/l	96
65) Chlorobenzene	11.768	112	404466	18.675	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	150619	18.966	ug/l	99
67) Ethyl Benzene	11.839	91	728294	19.018	ug/l	96
68) m/p-Xylenes	11.951	106	544223	38.847	ug/l	98
69) o-Xylene	12.274	106	277554	19.765	ug/l	97
70) Styrene	12.292	104	437135	20.110	ug/l	97
71) Bromoform	12.451	173	113352	18.795	ug/l #	99
73) Isopropylbenzene	12.574	105	708519	17.750	ug/l	100
74) N-amyl acetate	12.386	43	283690	18.901	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	239833	18.610	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	220792m	20.325	ug/l	
77) Bromobenzene	12.857	156	169317	18.190	ug/l	83
78) n-propylbenzene	12.915	91	775985	18.116	ug/l	98
79) 2-Chlorotoluene	13.004	91	480671	17.481	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	570969	18.385	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	69193	18.063	ug/l	98
82) 4-Chlorotoluene	13.104	91	455356	18.592	ug/l	94
83) tert-Butylbenzene	13.321	119	530744	19.150	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	566150	19.032	ug/l	100
85) sec-Butylbenzene	13.498	105	686964	18.648	ug/l	99
86) p-Isopropyltoluene	13.610	119	555483	19.174	ug/l	98
87) 1,3-Dichlorobenzene	13.615	146	266743	17.637	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	259023	17.520	ug/l	98
89) n-Butylbenzene	13.939	91	424611	18.739	ug/l	96
90) Hexachloroethane	14.204	117	96304	16.716	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	264150	18.166	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	44483	19.153	ug/l	89
93) 1,2,4-Trichlorobenzene	15.256	180	127454	20.648	ug/l	98
94) Hexachlorobutadiene	15.362	225	74070	18.146	ug/l	97
95) Naphthalene	15.504	128	420884	24.992	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	129036	21.496	ug/l	98

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Sample : VN0316MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

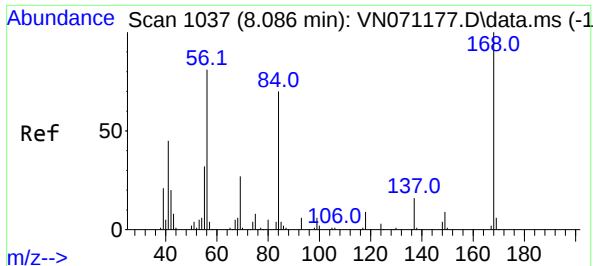
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/17/2022

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Quant Title : SW846 8260
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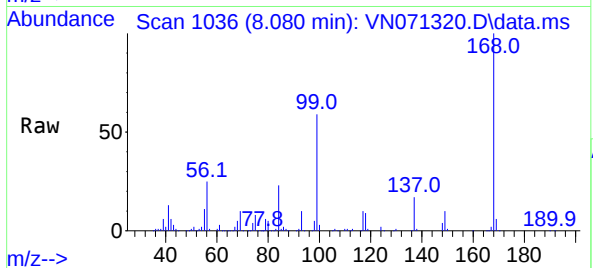
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

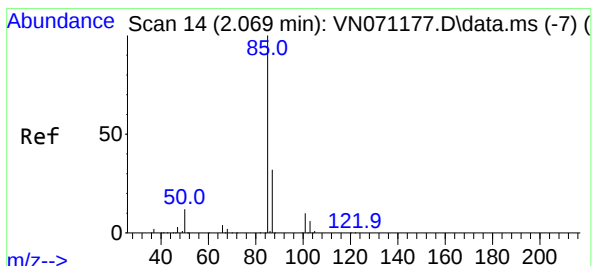
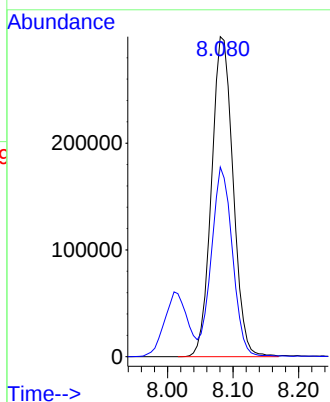
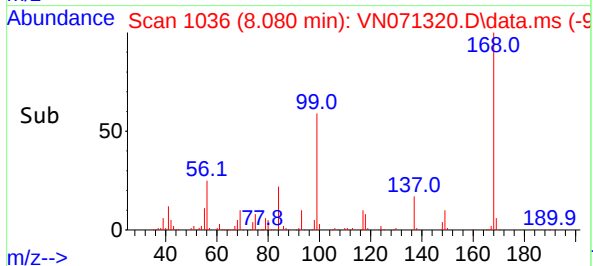
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



Tgt Ion:168 Resp: 685019
Ion Ratio Lower Upper
168 100
99 59.0 41.3 61.9

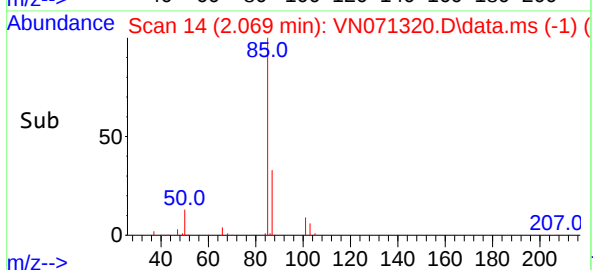
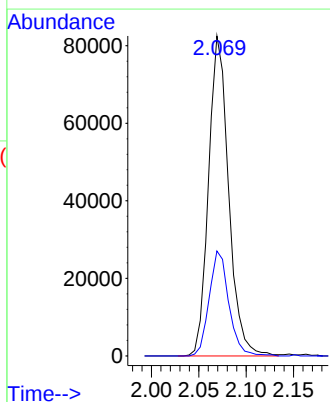
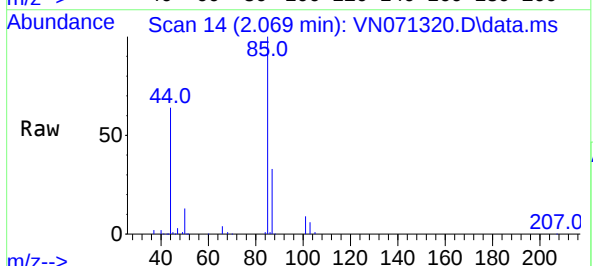
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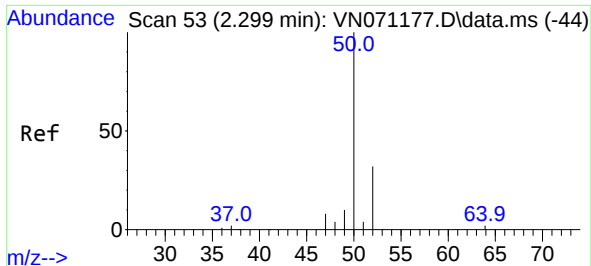
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#2
Dichlorodifluoromethane
Concen: 16.201 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

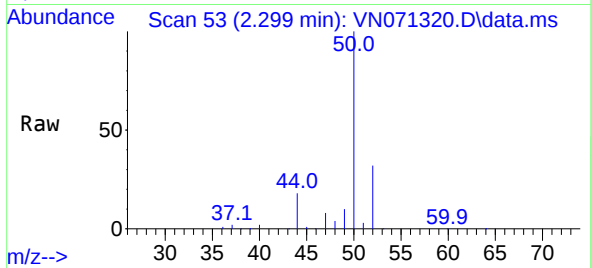
Tgt Ion: 85 Resp: 121633
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.9





#3
Chloromethane
Concen: 17.078 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

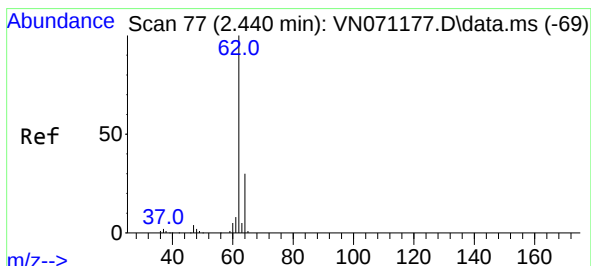
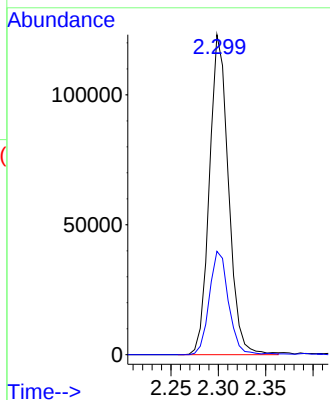
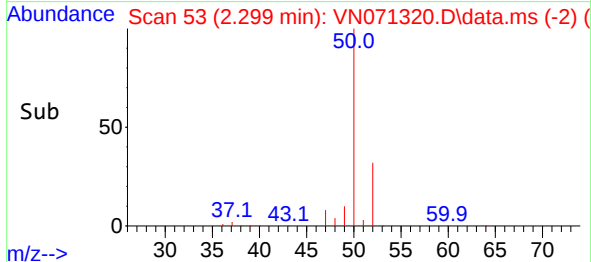
Instrument :
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VN0316MBS01



Tgt Ion: 50 Resp: 17236
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.0

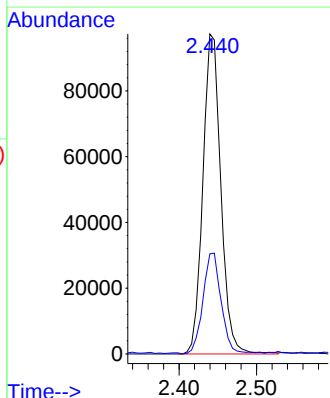
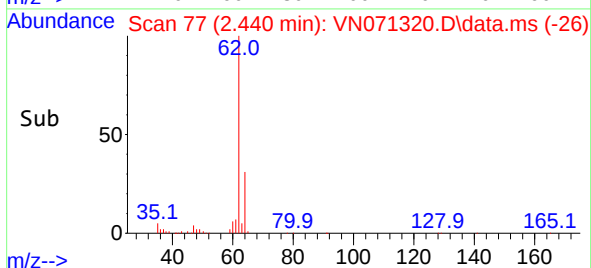
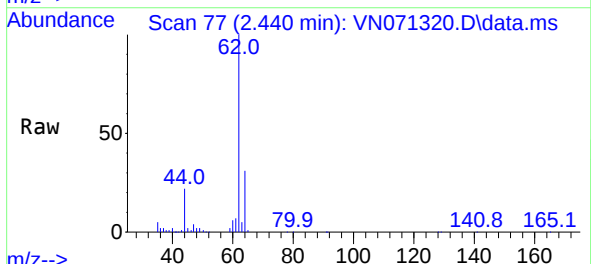
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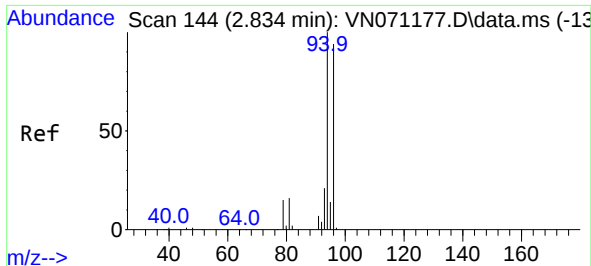
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#4
Vinyl Chloride
Concen: 17.018 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

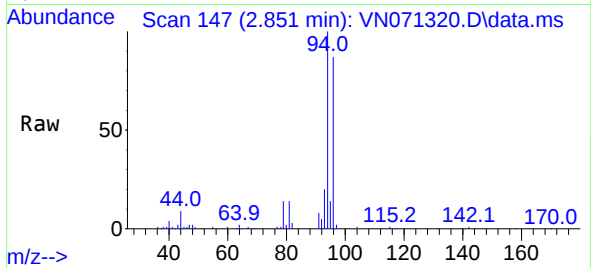
Tgt Ion: 62 Resp: 156574
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 19.156 ug/l
RT: 2.851 min Scan# 144
Delta R.T. 0.017 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

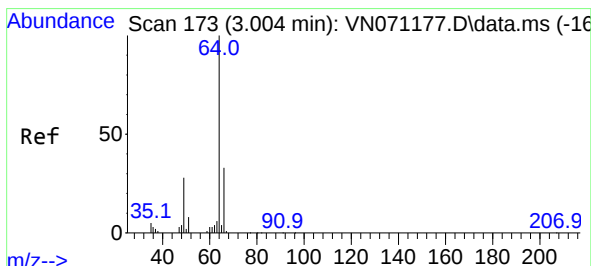
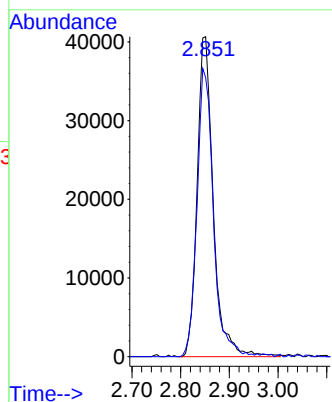
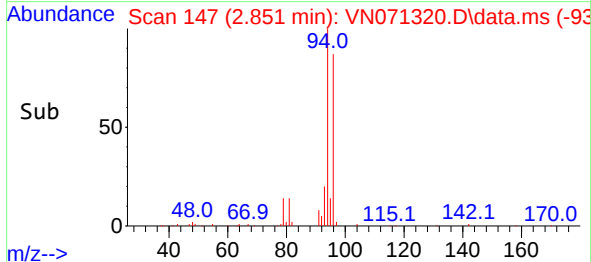
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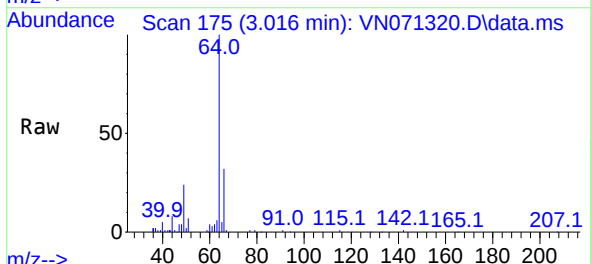
Tgt Ion: 94 Resp: 93844
Ion Ratio Lower Upper
94 100
96 87.3 73.8 110.8

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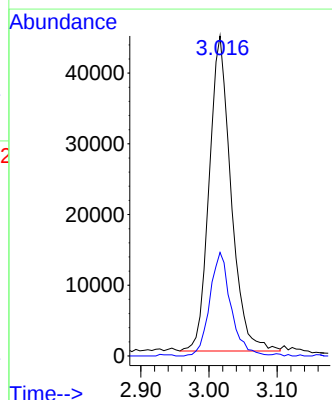
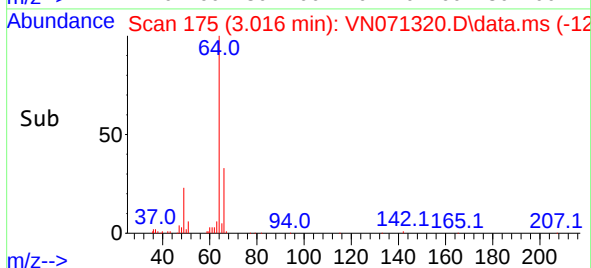
Reviewed By :John Carlone 03/17/2022
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#6
Chloroethane
Concen: 17.855 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion: 64 Resp: 99487
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5





#7

Trichlorofluoromethane

Concen: 17.662 ug/l

RT: 3.375 min Scan# 21388

Delta R.T. 0.006 min

Lab File: VN071320.D

Acq: 16 Mar 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:101 Resp: 21388

Ion Ratio Lower Upper

101 100

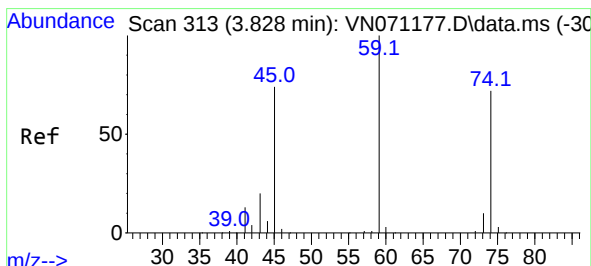
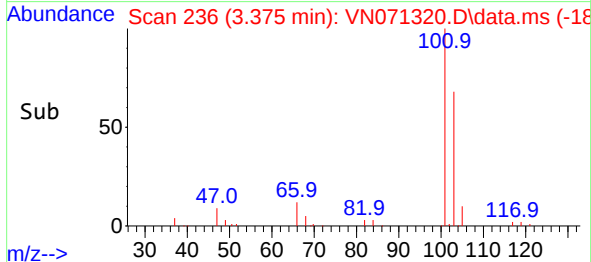
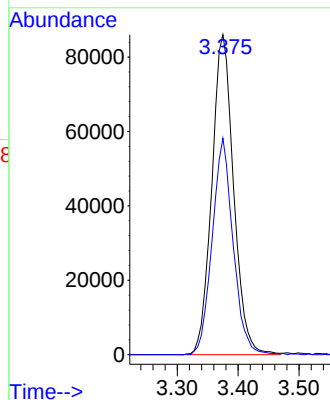
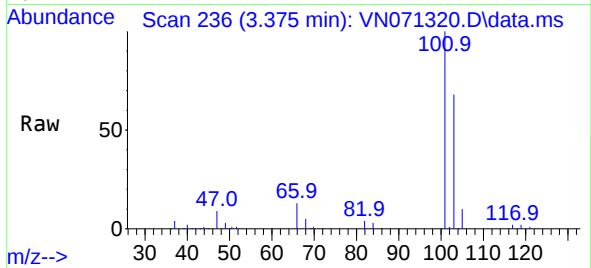
103 67.6 50.1 75.1

Manual Integrations

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#8

Diethyl Ether

Concen: 18.167 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071320.D

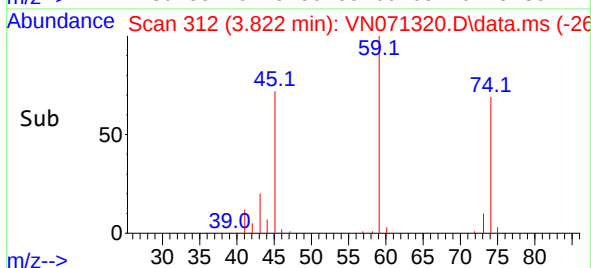
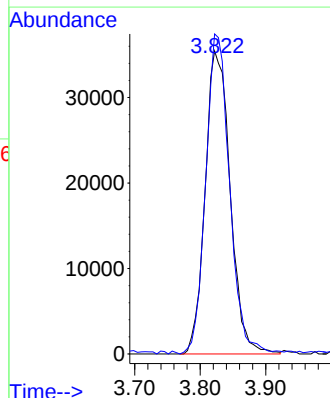
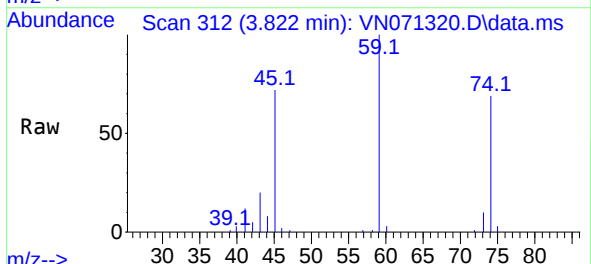
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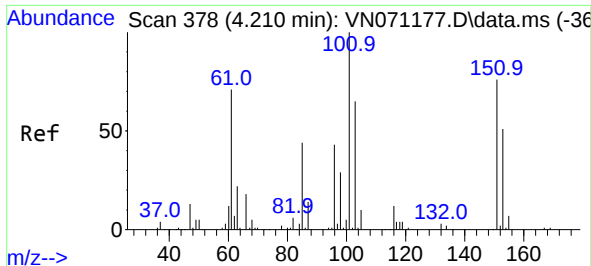
Tgt Ion: 74 Resp: 94142

Ion Ratio Lower Upper

74 100

45 100.9 47.0 141.2





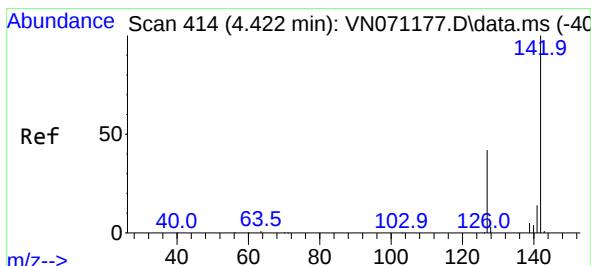
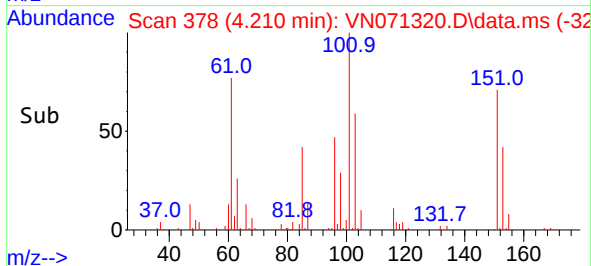
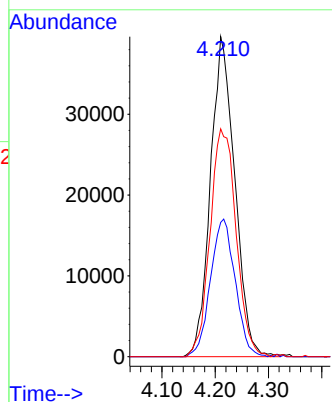
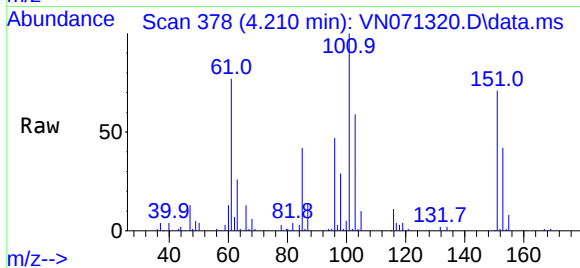
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.938 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion:101 Resp: 12575
Ion Ratio Lower Upper
101 100
85 43.7 37.2 55.8
151 76.1 65.9 98.9

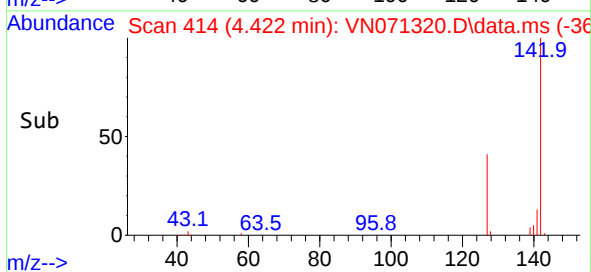
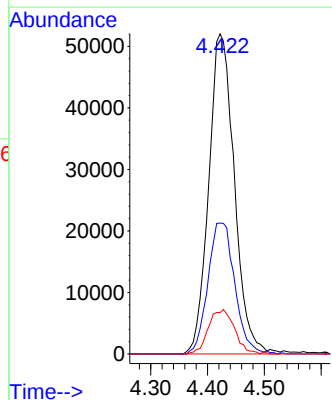
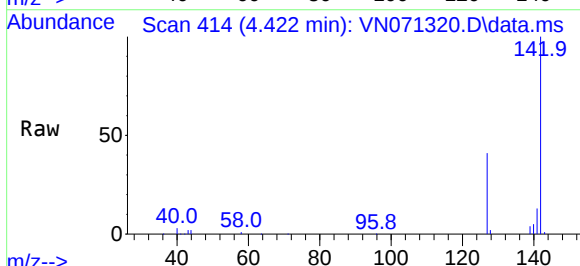
Manual Integrations
APPROVED

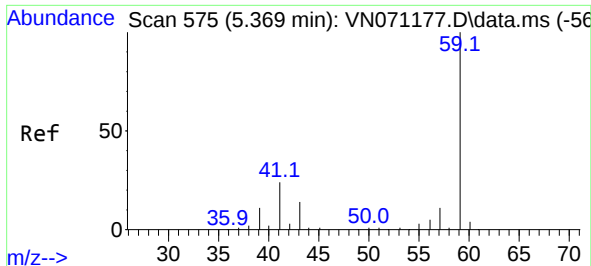
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#10
Methyl Iodide
Concen: 16.459 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

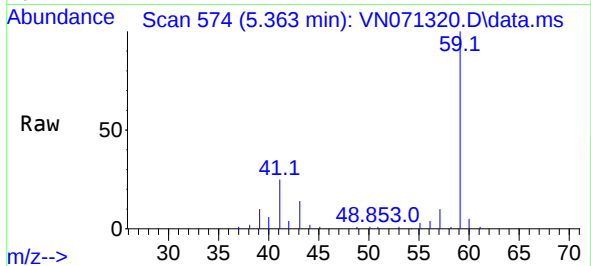
Tgt Ion:142 Resp: 162969
Ion Ratio Lower Upper
142 100
127 42.8 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 85.931 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

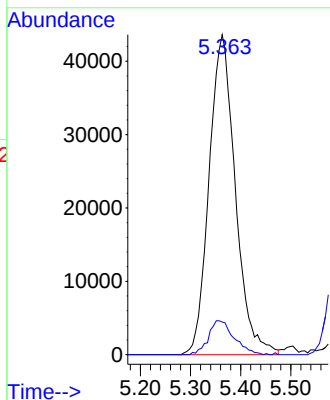
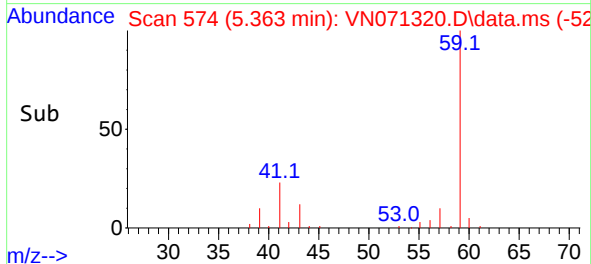
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



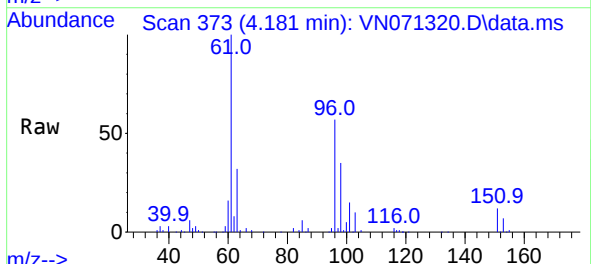
Tgt Ion: 59 Resp: 15848
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
APPROVED

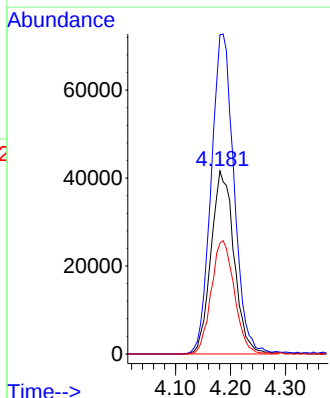
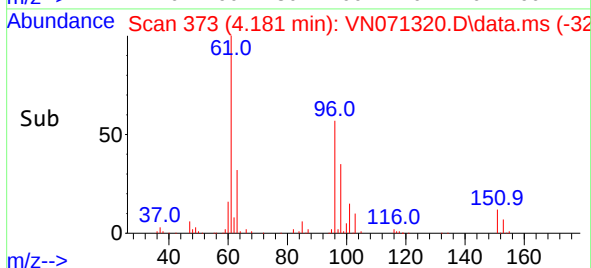
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#12
1,1-Dichloroethene
Concen: 17.663 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



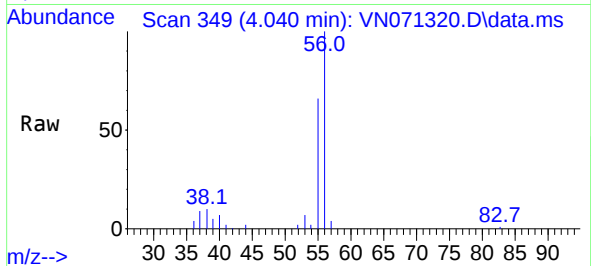
Tgt Ion: 96 Resp: 121301
Ion Ratio Lower Upper
96 100
61 174.5 131.0 196.6
98 60.6 52.4 78.6





#13
Acrolein
Concen: 48.951 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

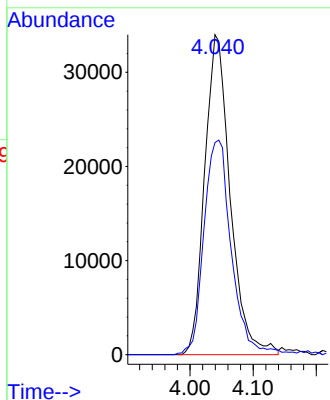
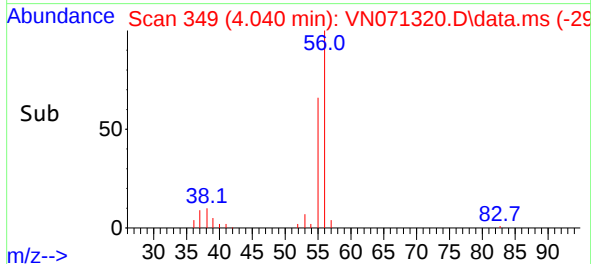
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



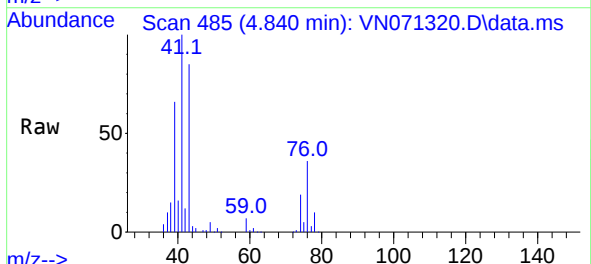
Tgt Ion: 56 Resp: 9555
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

Manual Integrations
APPROVED

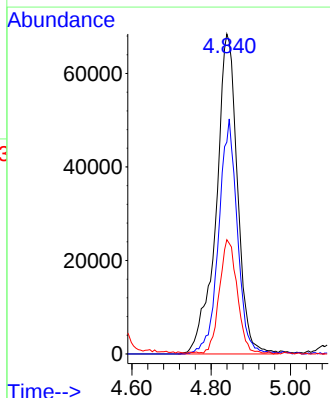
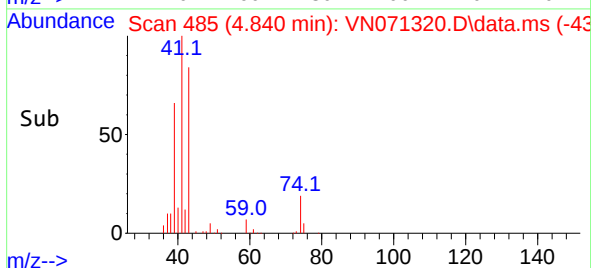
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

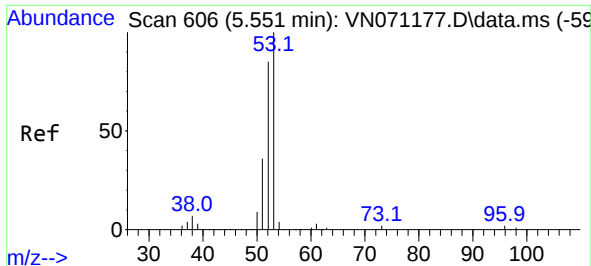


#14
Allyl chloride
Concen: 17.113 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



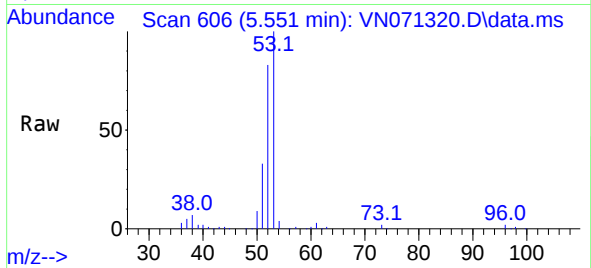
Tgt Ion: 41 Resp: 255607
Ion Ratio Lower Upper
41 100
39 64.3 61.2 91.8
76 29.3 26.0 39.0





#15
Acrylonitrile
Concen: 86.705 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

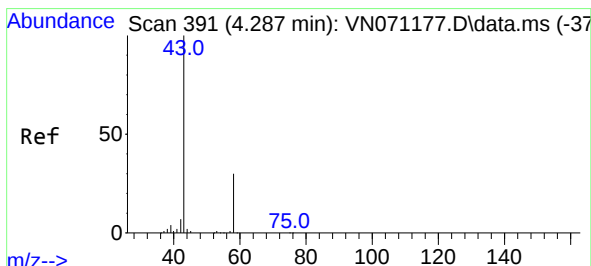
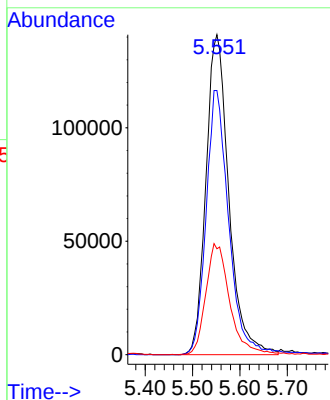
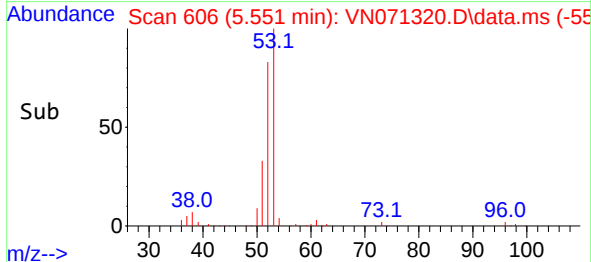
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



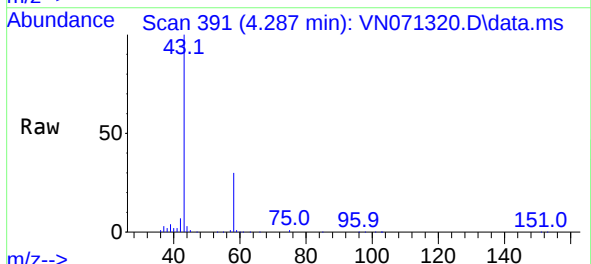
Tgt Ion: 53 Resp: 474829
Ion Ratio Lower Upper
53 100
52 82.1 66.2 99.2
51 36.3 29.6 44.4

Manual Integrations
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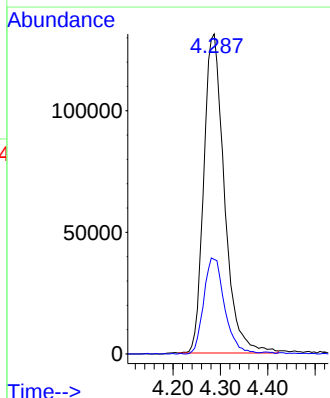
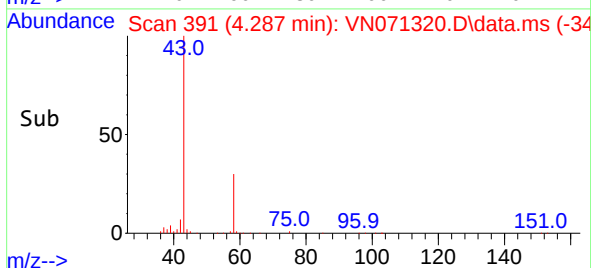
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

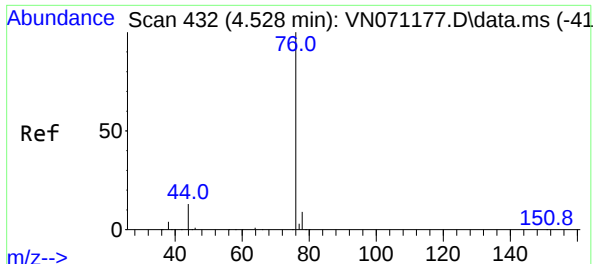


#16
Acetone
Concen: 86.776 ug/l
RT: 4.287 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion: 43 Resp: 396401
Ion Ratio Lower Upper
43 100
58 29.7 23.1 34.7





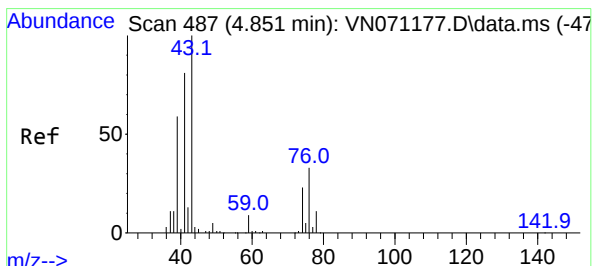
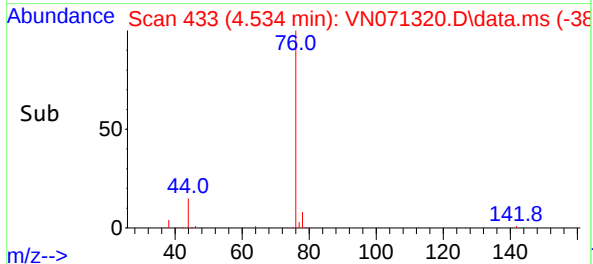
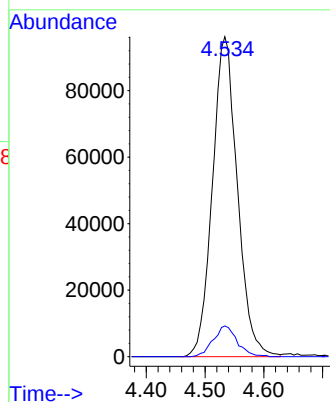
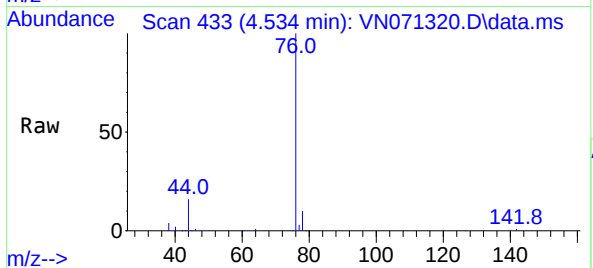
#17
Carbon Disulfide
Concen: 14.492 ug/l
RT: 4.534 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion: 76 Resp: 28333
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

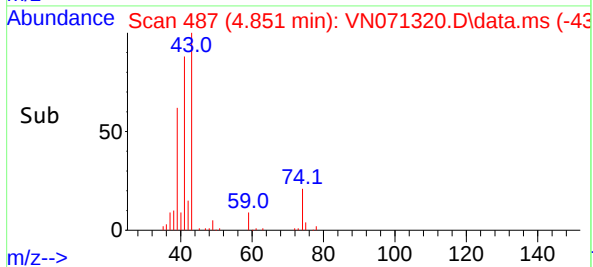
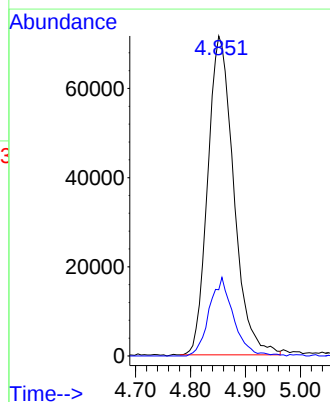
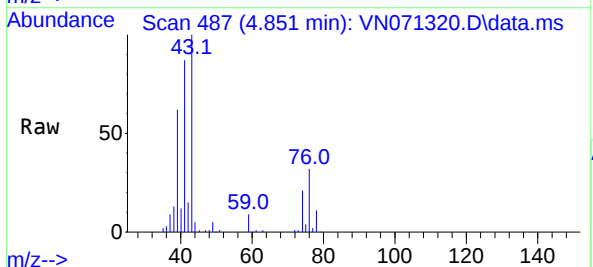
Manual Integrations
APPROVED

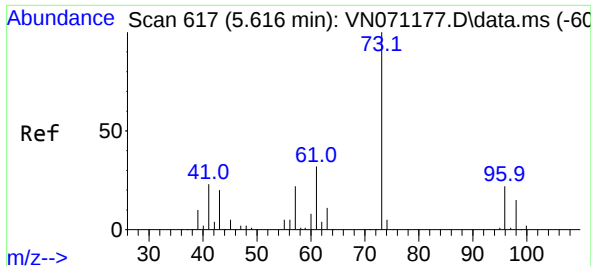
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#18
Methyl Acetate
Concen: 19.420 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

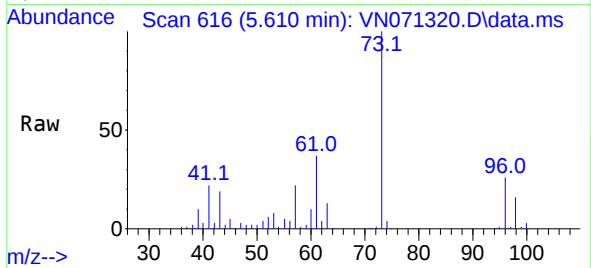
Tgt Ion: 43 Resp: 234694
Ion Ratio Lower Upper
43 100
74 23.0 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.971 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

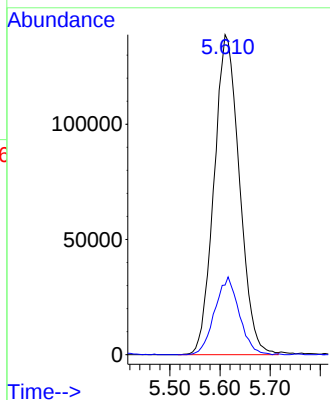
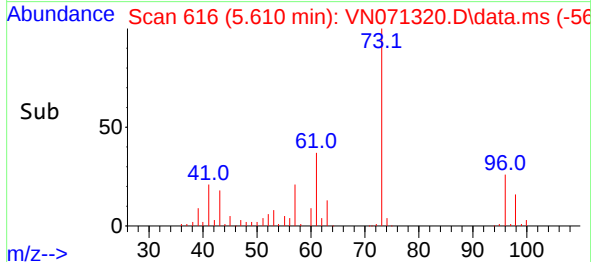
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



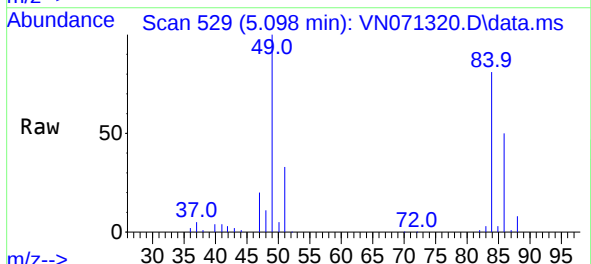
Tgt Ion: 73 Resp: 489170
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

Manual Integrations
APPROVED

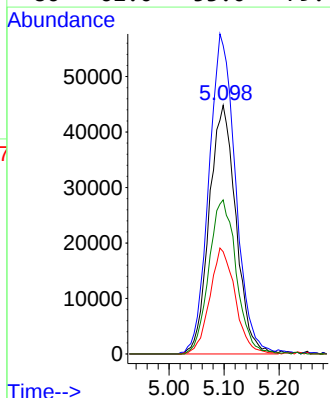
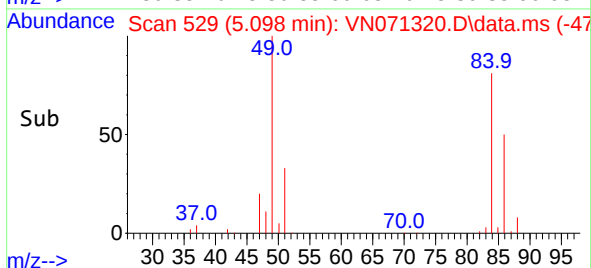
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#20
Methylene Chloride
Concen: 18.305 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



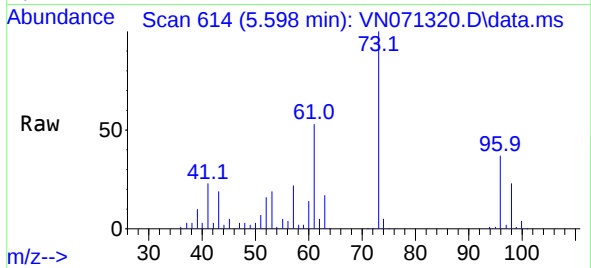
Tgt Ion: 84 Resp: 150790
Ion Ratio Lower Upper
84 100
49 124.1 93.5 140.3
51 41.1 29.4 44.2
86 62.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.404 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

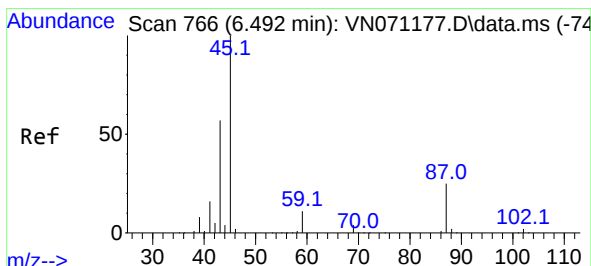
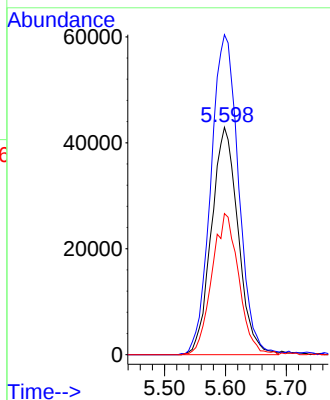
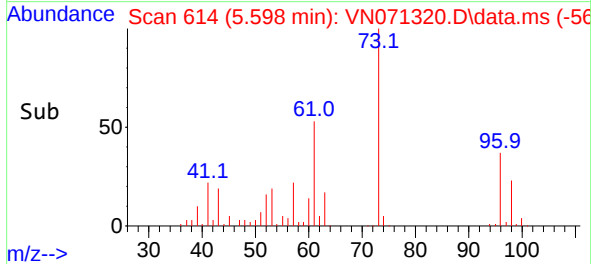
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



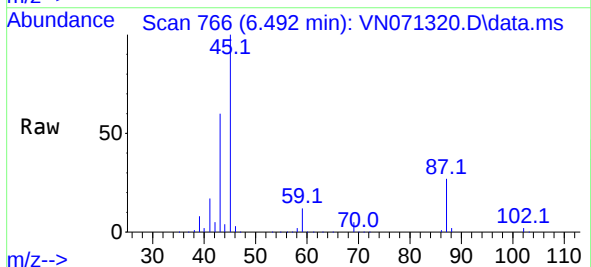
Tgt Ion: 96 Resp: 130733
Ion Ratio Lower Upper
96 100
61 140.7 105.8 158.6
98 62.1 52.0 78.0

Manual Integrations
APPROVED

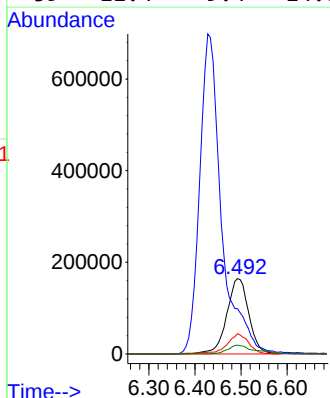
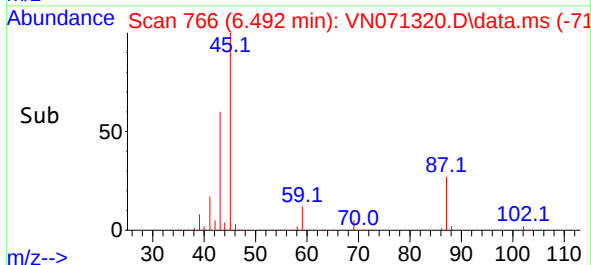
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#22
Diisopropyl ether
Concen: 18.490 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion: 45 Resp: 544090
Ion Ratio Lower Upper
45 100
43 59.7 51.7 77.5
87 27.0 23.2 34.8
59 11.4 9.4 14.0





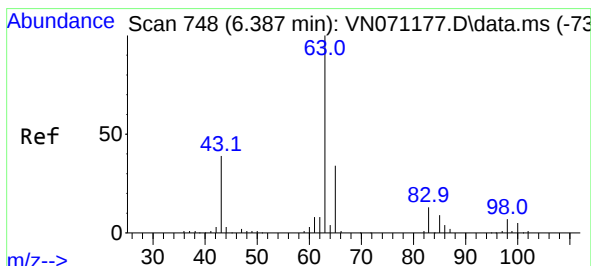
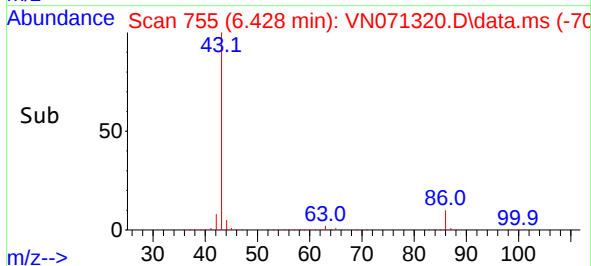
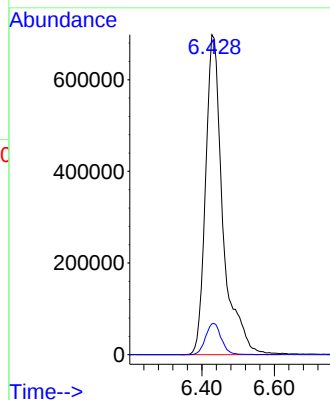
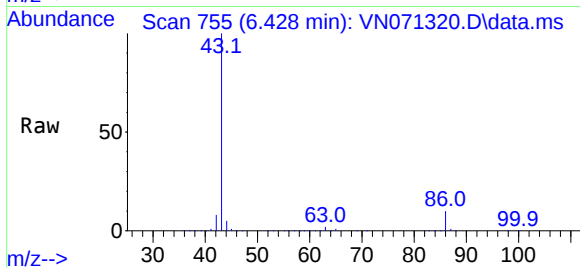
#23
 Vinyl Acetate
 Concen: 92.830 ug/l
 RT: 6.428 min Scan# 756
 Delta R.T. -0.006 min
 Lab File: VN071320.D
 Acq: 16 Mar 2022 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0316MBS01

Tgt Ion: 43 Resp: 231260
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

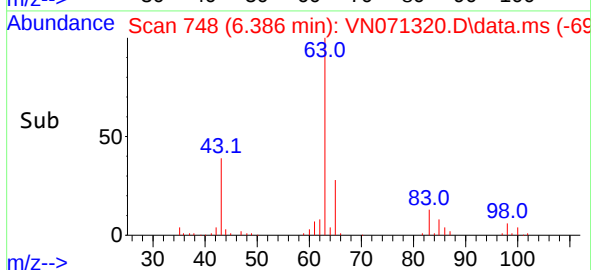
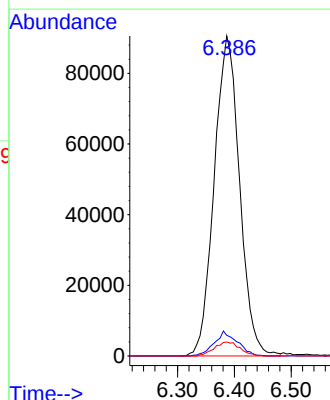
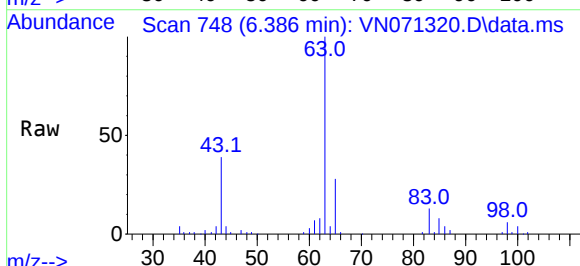
Manual Integrations
 APPROVED

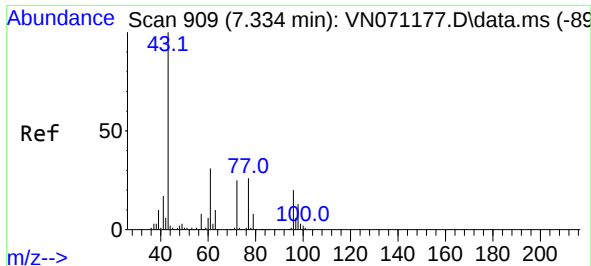
Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#24
 1,1-Dichloroethane
 Concen: 18.060 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071320.D
 Acq: 16 Mar 2022 14:52

Tgt Ion: 63 Resp: 280830
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 89.917 ug/l

RT: 7.333 min Scan# 909

Delta R.T. -0.000 min

Lab File: VN071320.D

Acq: 16 Mar 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

Tgt Ion: 43 Resp: 661674

Ion Ratio Lower Upper

43 100

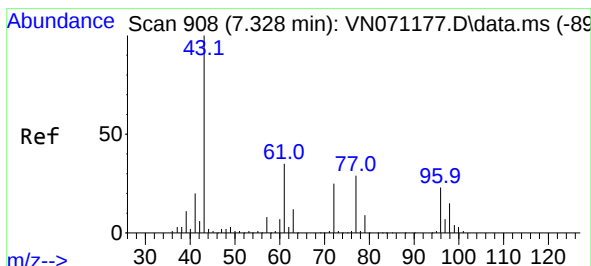
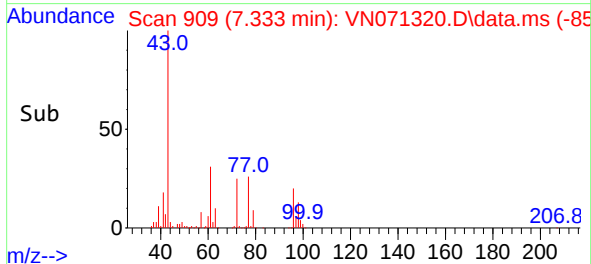
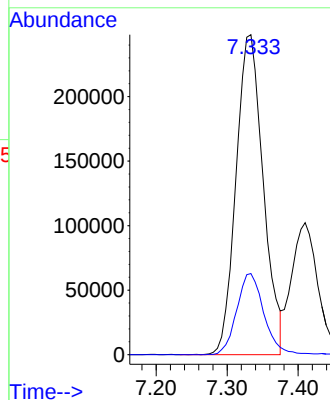
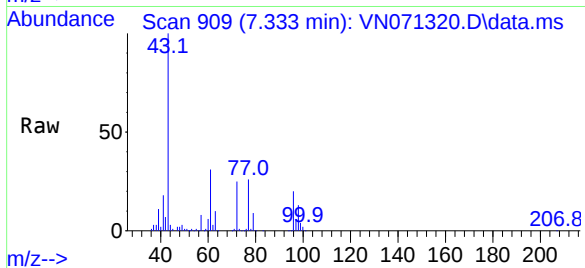
72 25.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#26

2,2-Dichloropropane

Concen: 18.563 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071320.D

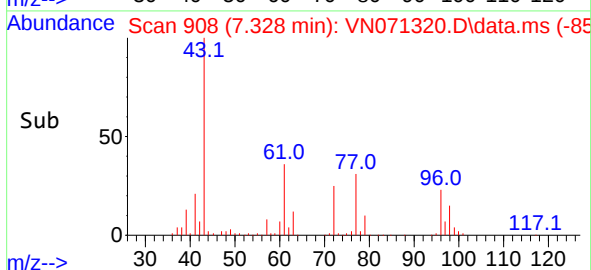
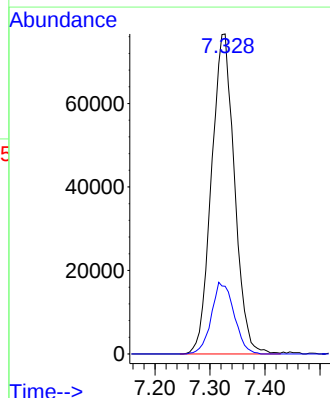
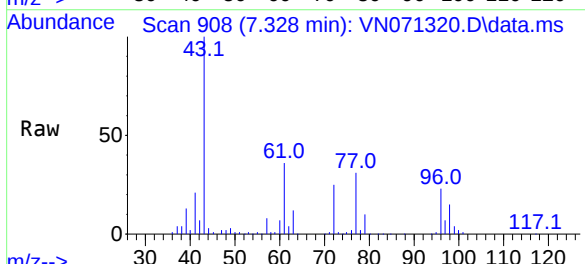
Acq: 16 Mar 2022 14:52

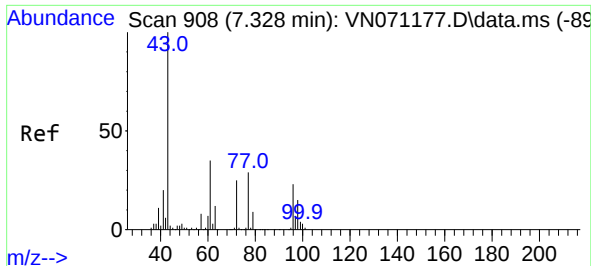
Tgt Ion: 77 Resp: 222683

Ion Ratio Lower Upper

77 100

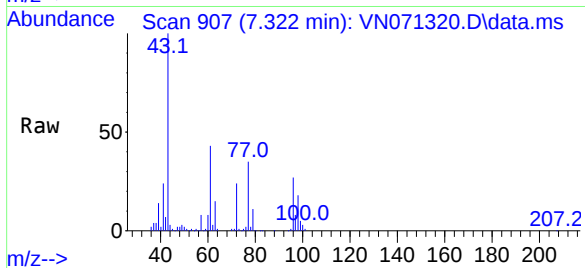
97 22.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.010 ug/l
RT: 7.322 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

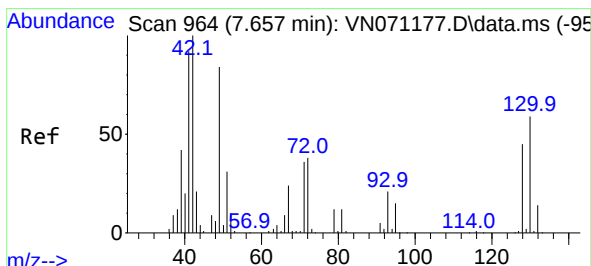
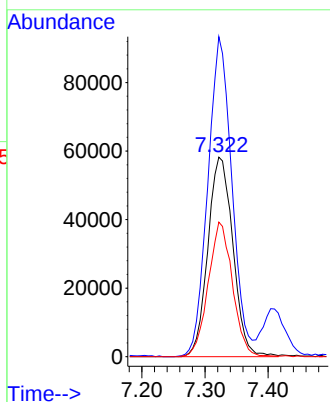
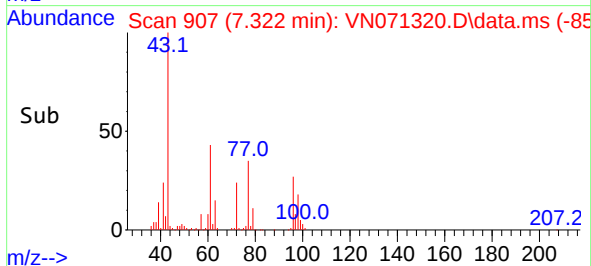
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



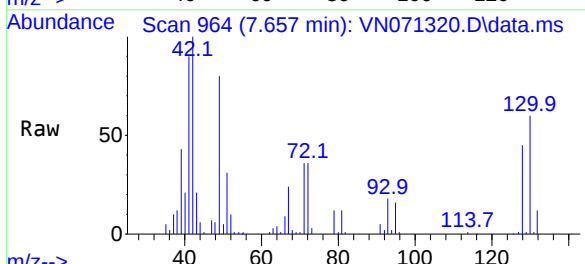
Tgt Ion: 96 Resp: 160560
Ion Ratio Lower Upper
96 100
61 153.7 0.0 275.0
98 65.2 0.0 129.6

Manual Integrations
APPROVED

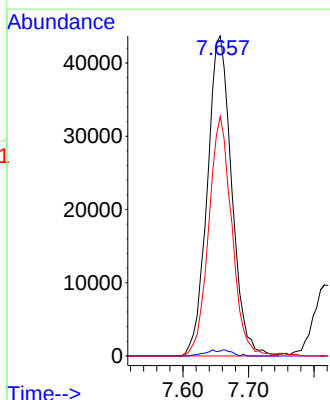
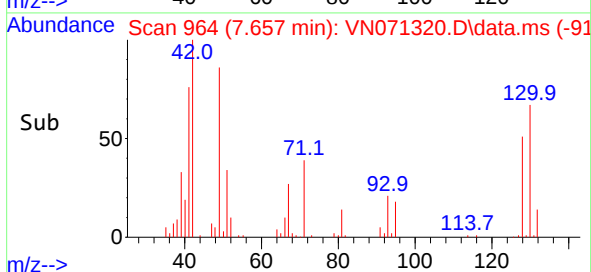
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

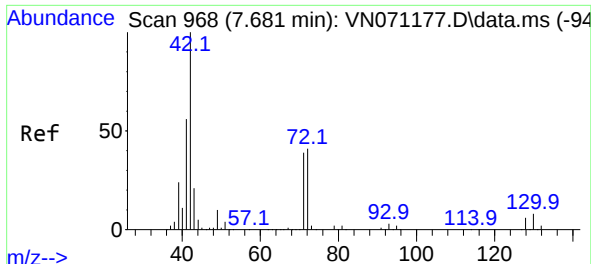


#28
Bromochloromethane
Concen: 16.322 ug/l
RT: 7.657 min Scan# 964
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion: 49 Resp: 113020
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.0
130 70.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 87.799 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071320.D

Acq: 16 Mar 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

Tgt Ion: 42 Resp: 44759

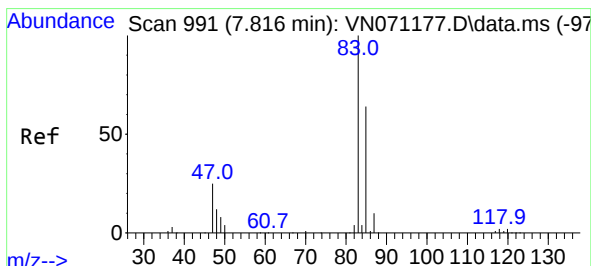
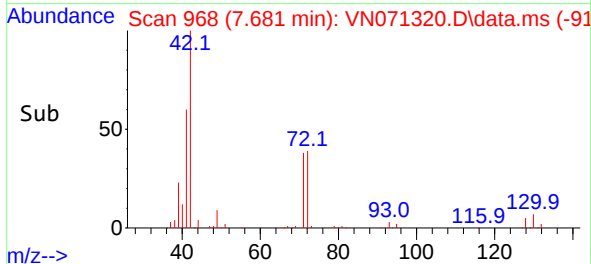
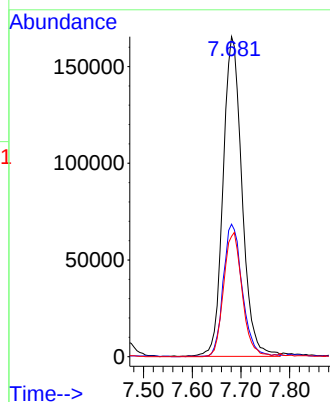
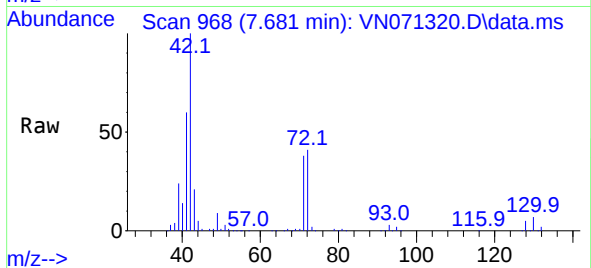
Ion	Ratio	Lower	Upper
42	100		
72	41.2	36.3	54.5
71	38.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#30

Chloroform

Concen: 18.253 ug/l

RT: 7.816 min Scan# 991

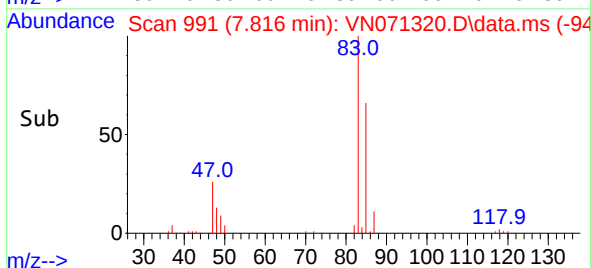
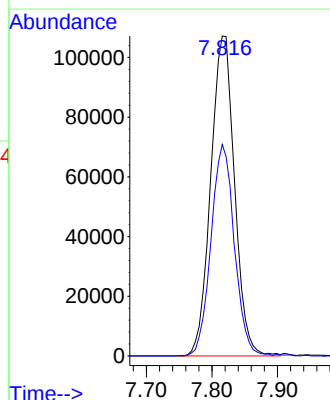
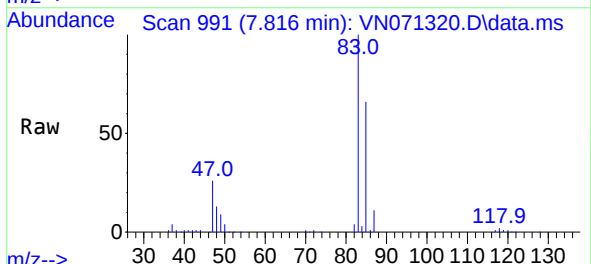
Delta R.T. -0.000 min

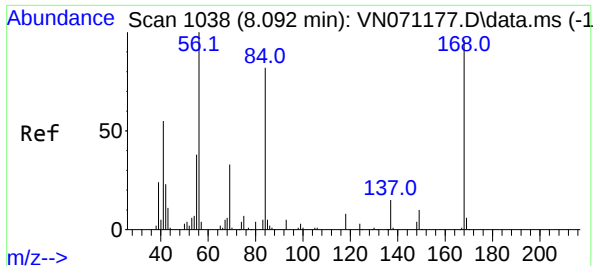
Lab File: VN071320.D

Acq: 16 Mar 2022 14:52

Tgt Ion: 83 Resp: 270709

Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.9	77.9





#31

Cyclohexane

Concen: 17.442 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN071320.D

Acq: 16 Mar 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

Tgt Ion: 56 Resp: 26150

Ion Ratio Lower Upper

56 100

69 36.9 27.1 40.7

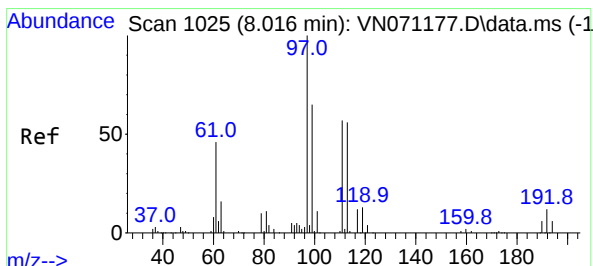
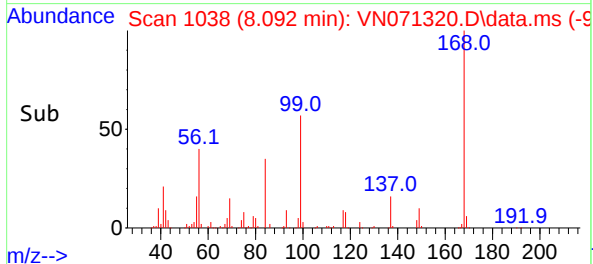
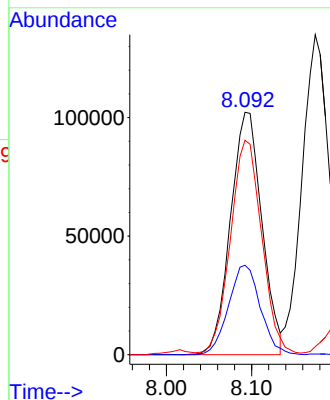
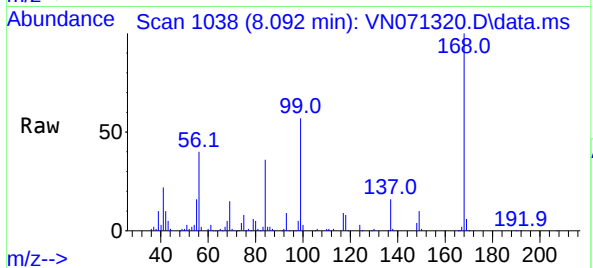
84 86.4 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#32

1,1,1-Trichloroethane

Concen: 18.587 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071320.D

Acq: 16 Mar 2022 14:52

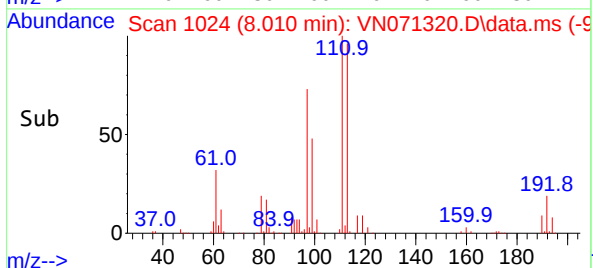
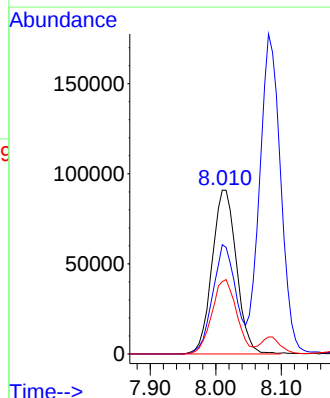
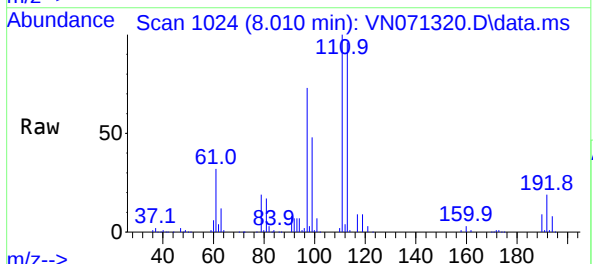
Tgt Ion: 97 Resp: 234808

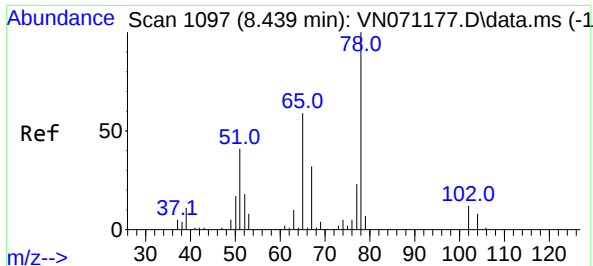
Ion Ratio Lower Upper

97 100

99 63.8 50.1 75.1

61 46.3 35.2 52.8





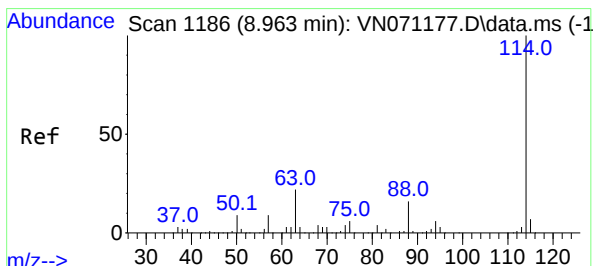
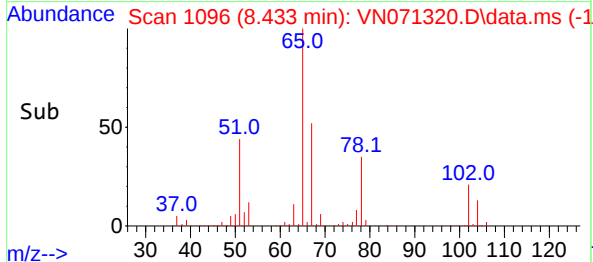
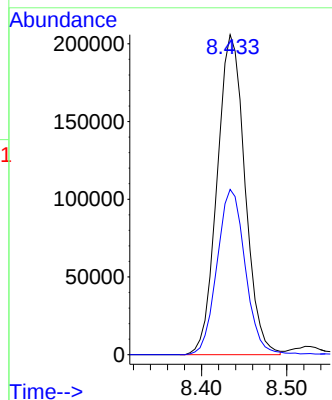
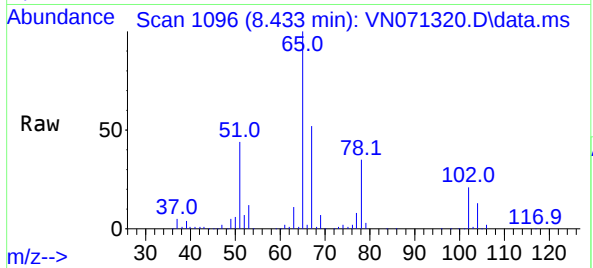
#33
1,2-Dichloroethane-d4
Concen: 49.752 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion: 65 Resp: 46709
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

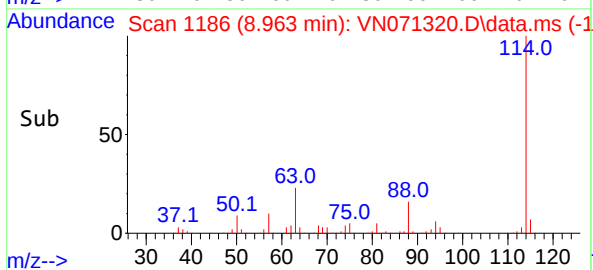
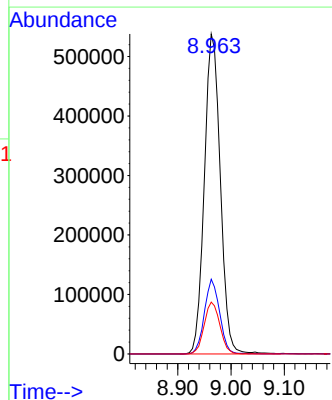
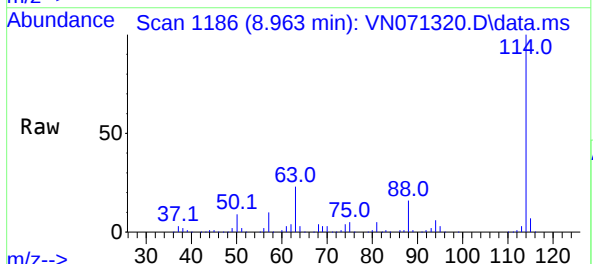
Manual Integrations
APPROVED

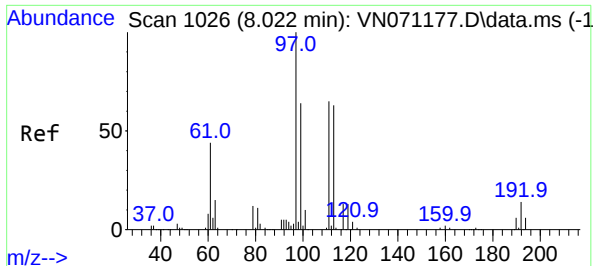
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Tgt Ion:114 Resp: 1120333
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.2 0.0 27.4





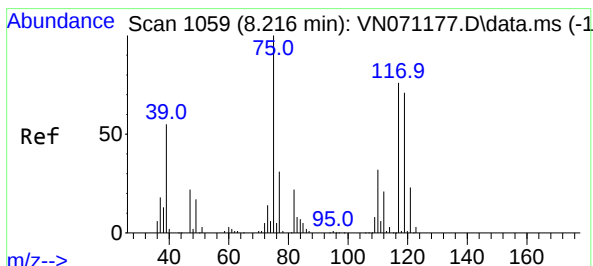
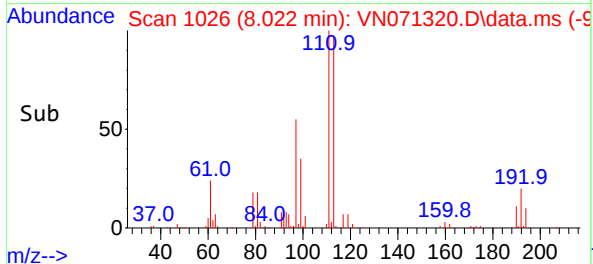
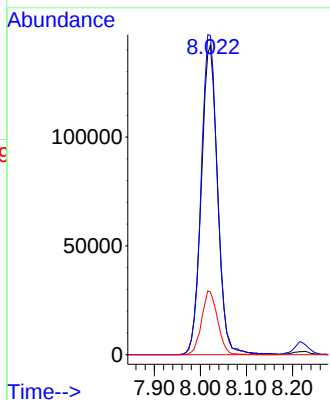
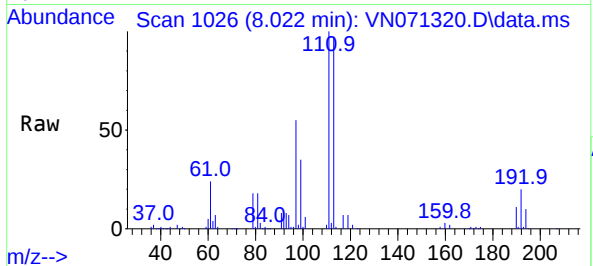
#35
Dibromofluoromethane
Concen: 49.692 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

Tgt Ion:113 Resp: 351300
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 20.1 16.9 25.3

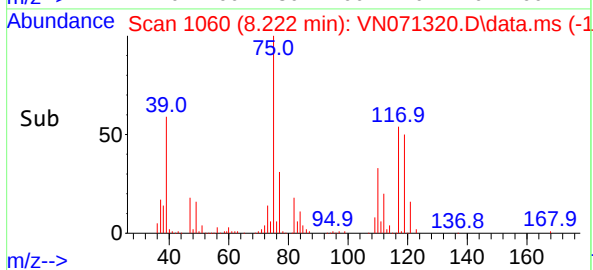
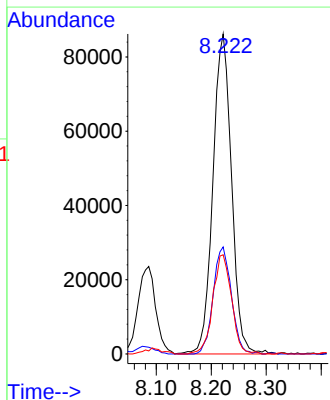
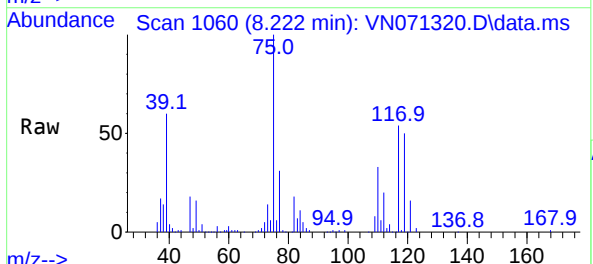
Manual Integrations
APPROVED

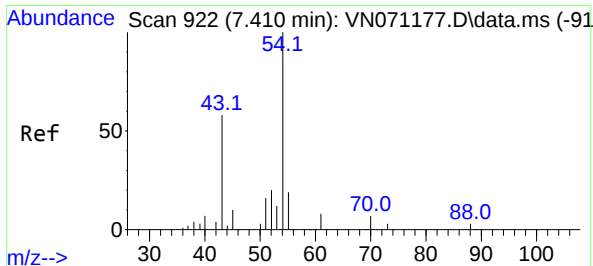
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#36
1,1-Dichloropropene
Concen: 17.929 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

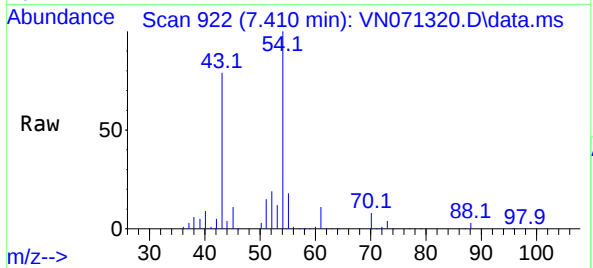
Tgt Ion: 75 Resp: 203086
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 17.591 ug/l
RT: 7.410 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

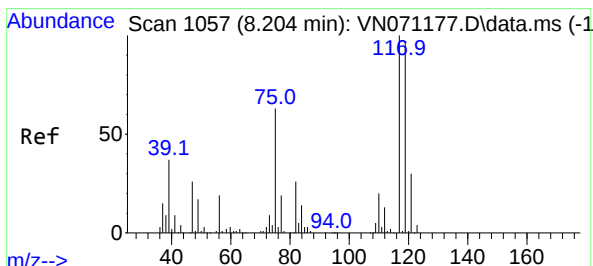
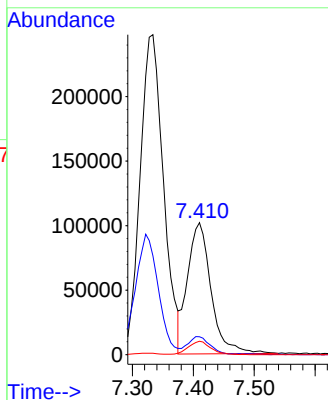
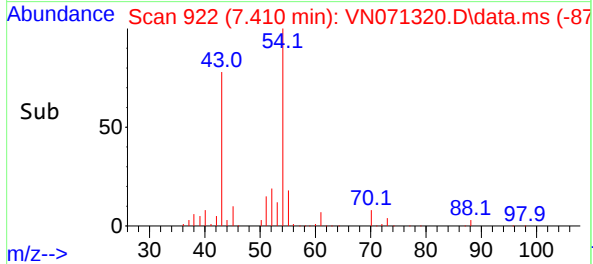
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



Tgt Ion: 43 Resp: 274220
Ion Ratio Lower Upper
43 100
61 12.7 11.5 17.3
70 9.7 7.9 11.9

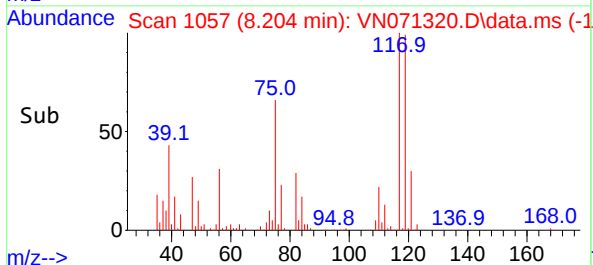
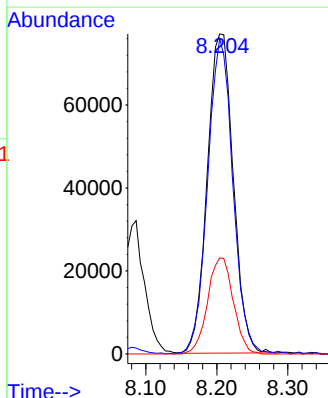
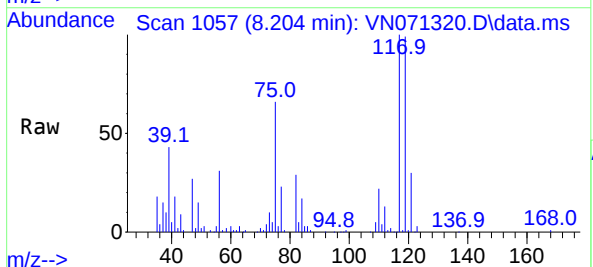
Manual Integrations
APPROVED

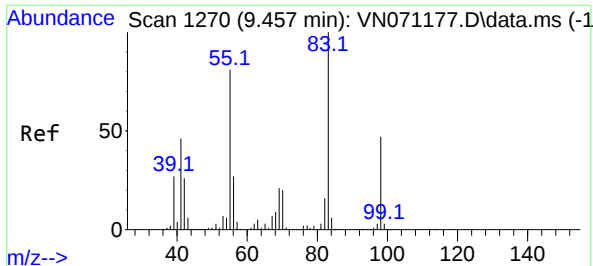
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#38
Carbon Tetrachloride
Concen: 17.883 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Tgt Ion:117 Resp: 195934
Ion Ratio Lower Upper
117 100
119 98.6 76.1 114.1
121 30.1 24.2 36.2





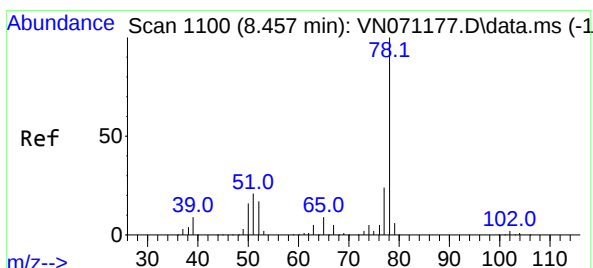
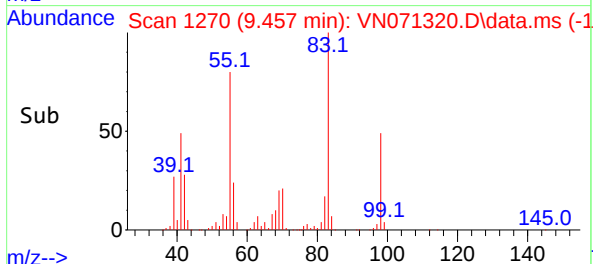
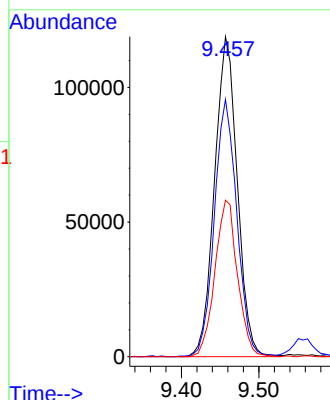
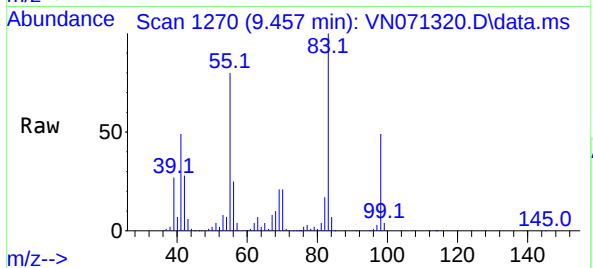
#39
Methylcyclohexane
Concen: 18.187 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion: 83 Resp: 24234
Ion Ratio Lower Upper
83 100
55 80.2 58.1 87.1
98 48.9 38.4 57.6

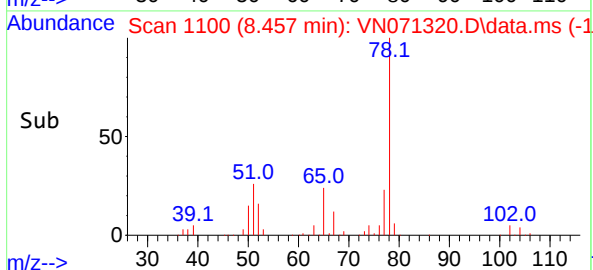
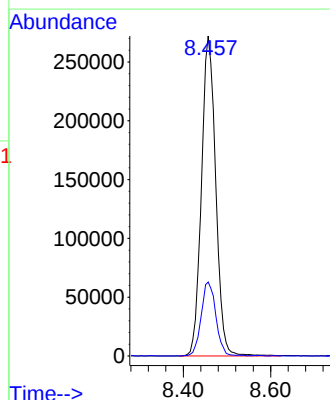
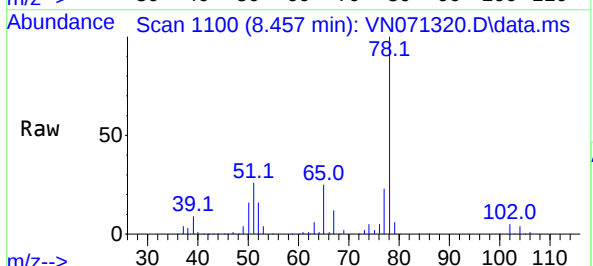
Manual Integrations
APPROVED

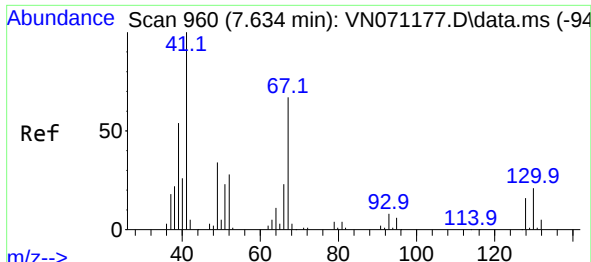
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#40
Benzene
Concen: 18.154 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

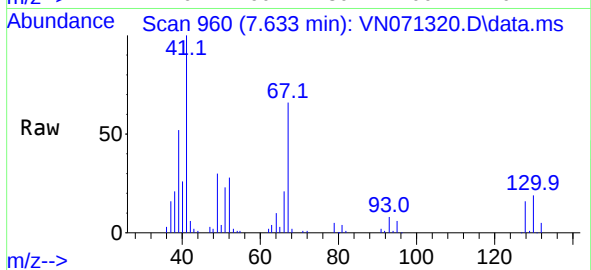
Tgt Ion: 78 Resp: 619550
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41
Methacrylonitrile
Concen: 18.240 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

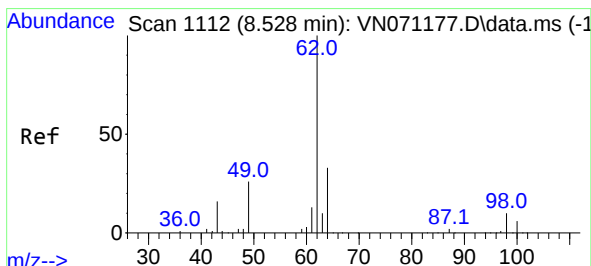
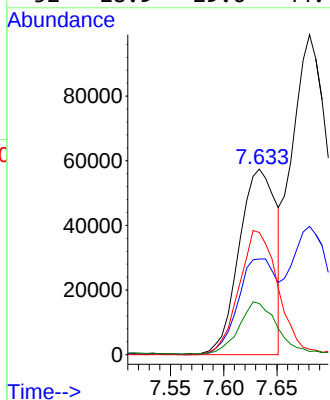
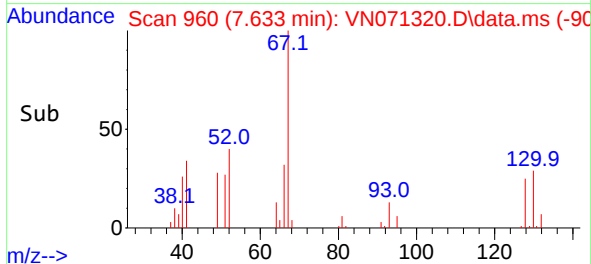
Instrument :
MSVOA_N
Client Sample Id :
VN0316MBSD01



Tgt Ion: 41 Resp: 139150
Ion Ratio Lower Upper
41 100
39 53.0 48.1 72.1
67 71.0 68.3 102.5
52 28.9 29.6 44.4#

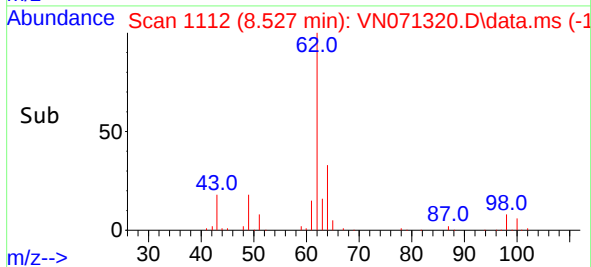
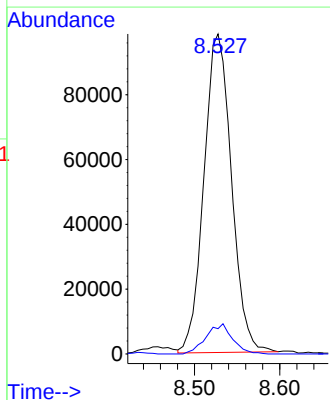
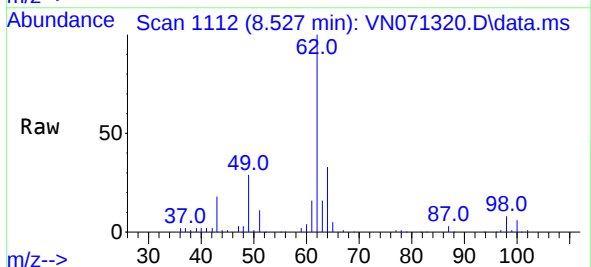
Manual Integrations
APPROVED

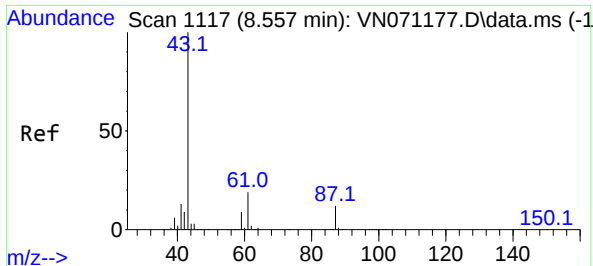
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#42
1,2-Dichloroethane
Concen: 18.601 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Tgt Ion: 62 Resp: 220907
Ion Ratio Lower Upper
62 100
98 9.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.294 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071320.D

Acq: 16 Mar 2022 14:52

Instrument :

MSVOA_N

ClientSampleId :

VN0316MBS01

Tgt Ion: 43 Resp: 44978

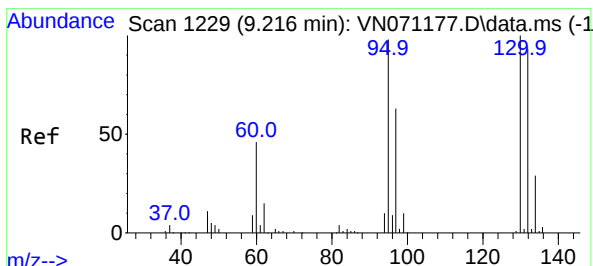
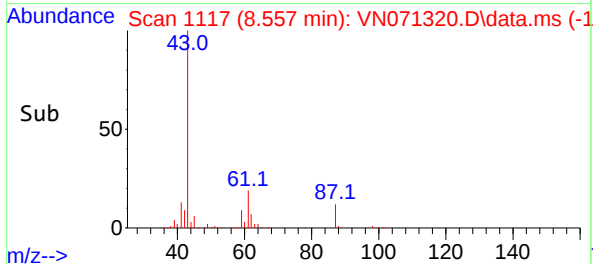
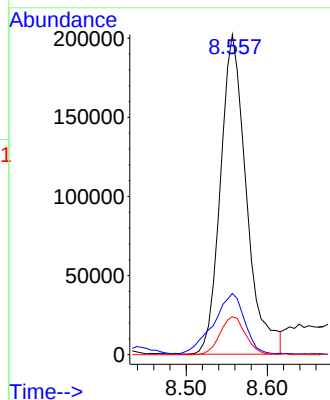
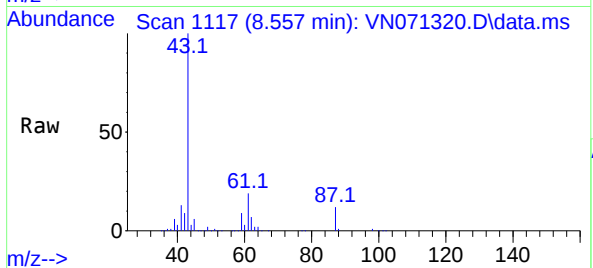
Ion	Ratio	Lower	Upper
43	100		
61	22.8	20.4	30.6
87	11.7	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#44

Trichloroethene

Concen: 18.399 ug/l

RT: 9.216 min Scan# 1229

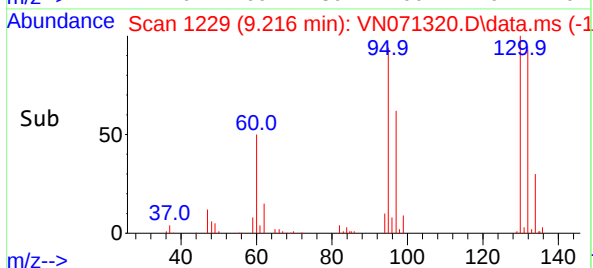
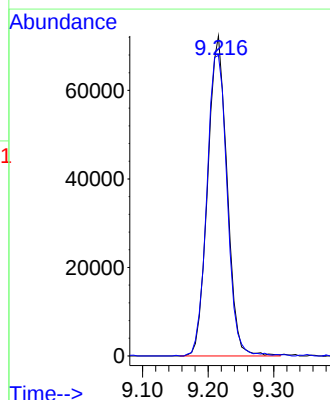
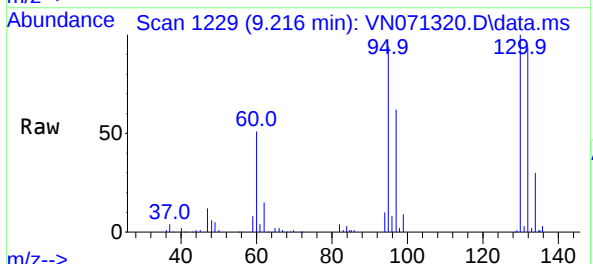
Delta R.T. -0.000 min

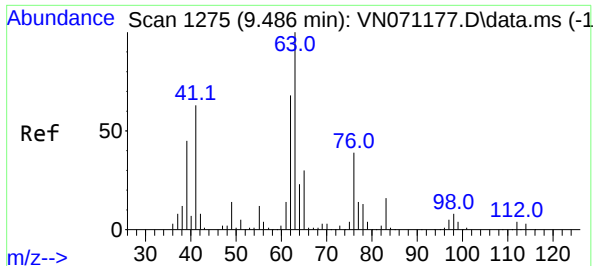
Lab File: VN071320.D

Acq: 16 Mar 2022 14:52

Tgt Ion:130 Resp: 148159

Ion	Ratio	Lower	Upper
130	100		
95	93.9	0.0	191.2





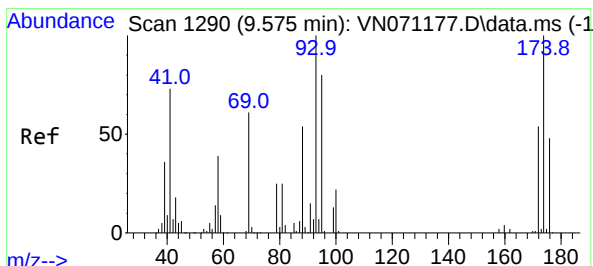
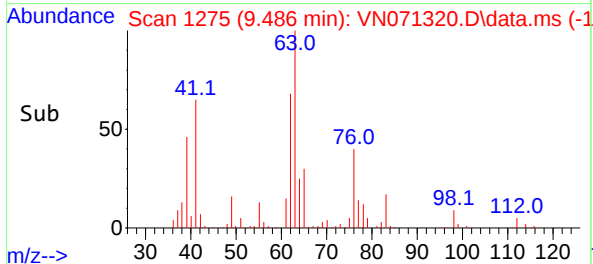
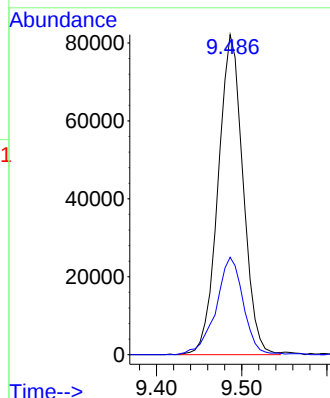
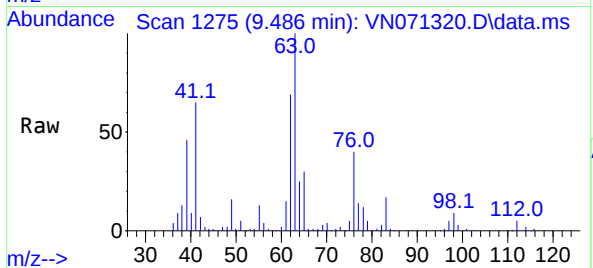
#45
1,2-Dichloropropane
Concen: 18.224 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion: 63 Resp: 16695
Ion Ratio Lower Upper
63 100
65 30.1 24.7 37.1

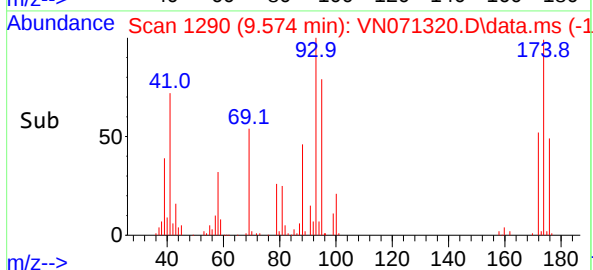
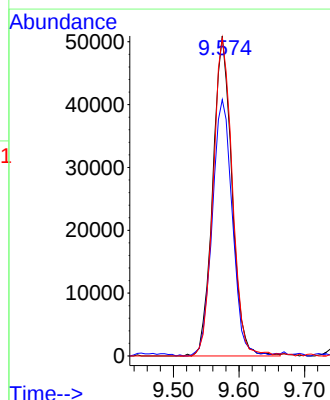
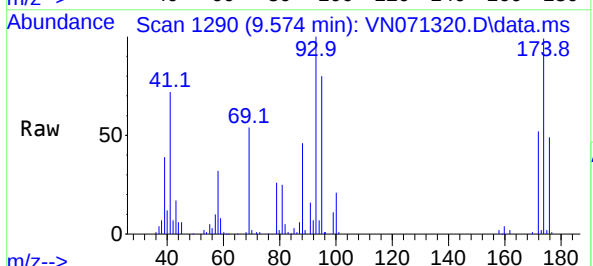
Manual Integrations
APPROVED

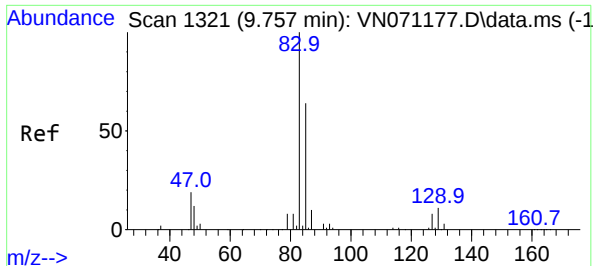
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#46
Dibromomethane
Concen: 18.257 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.001 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

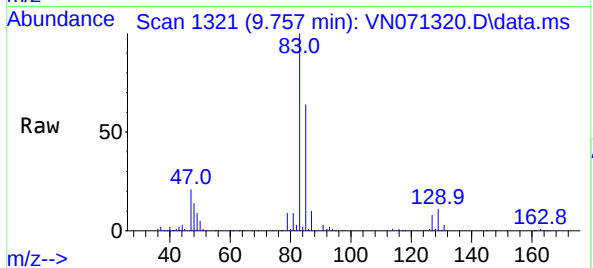
Tgt Ion: 93 Resp: 102949
Ion Ratio Lower Upper
93 100
95 83.9 65.9 98.9
174 99.7 84.6 127.0





#47
Bromodichloromethane
Concen: 18.183 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

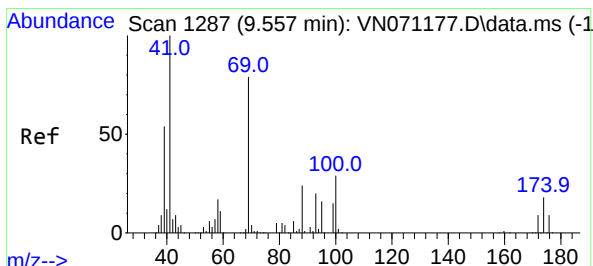
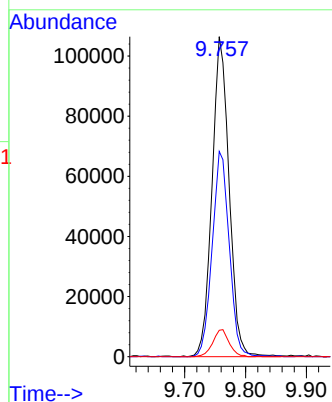
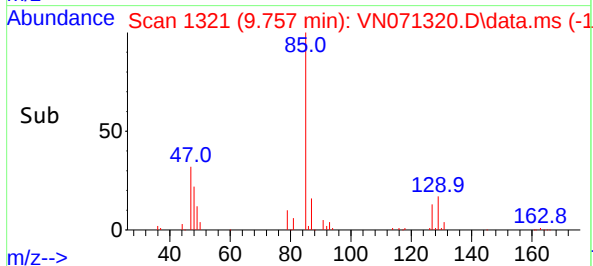
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



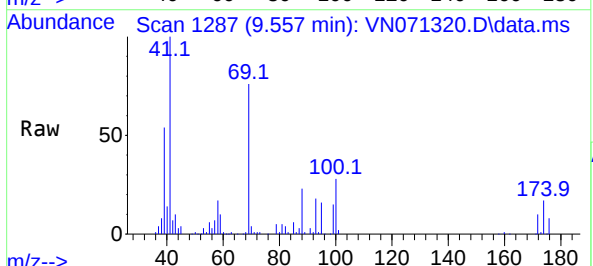
Tgt Ion: 83 Resp: 20719
Ion Ratio Lower Upper
83 100
85 64.1 50.9 76.3
127 8.3 7.1 10.7

Manual Integrations
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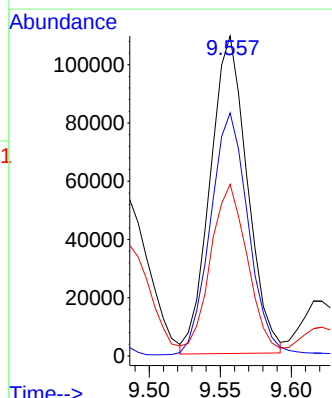
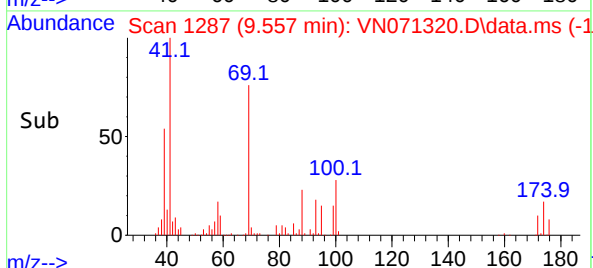
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

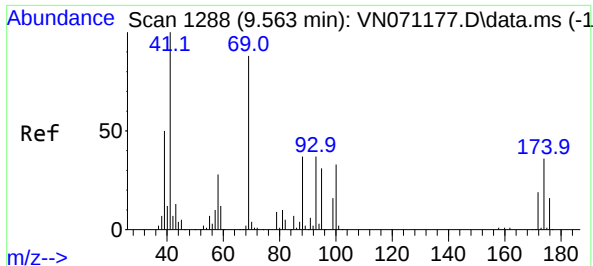


#48
Methyl methacrylate
Concen: 18.343 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



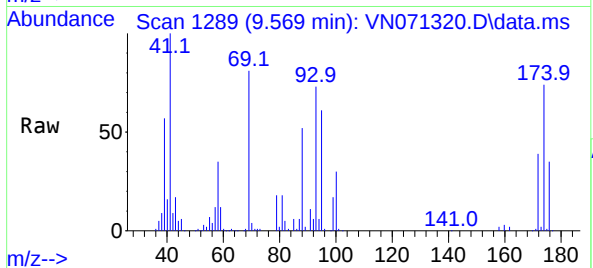
Tgt Ion: 41 Resp: 198169
Ion Ratio Lower Upper
41 100
69 79.4 72.4 108.6
39 54.2 58.4 87.6#





#49
1,4-Dioxane
Concen: 355.027 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

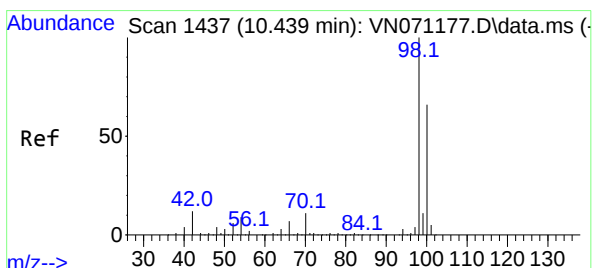
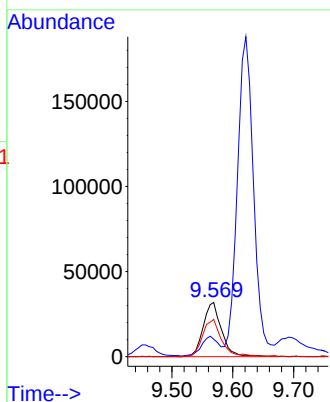
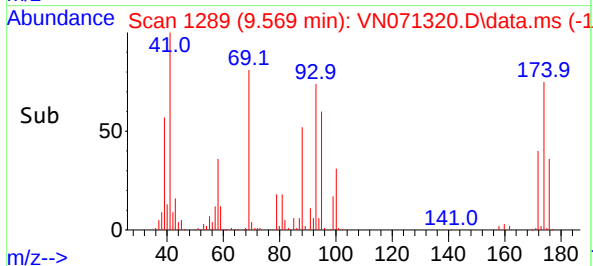
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



Tgt Ion: 88 Resp: 6666
Ion Ratio Lower Upper
88 100
43 32.1 23.4 35.2
58 71.6 50.6 75.8

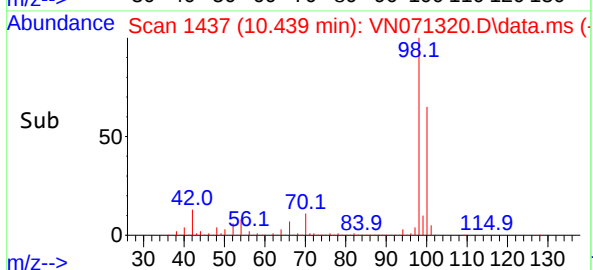
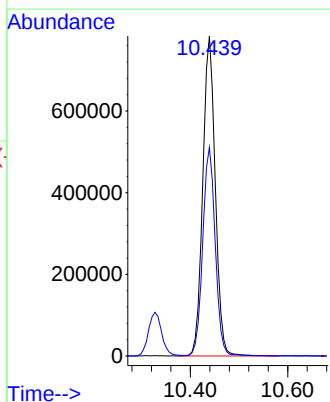
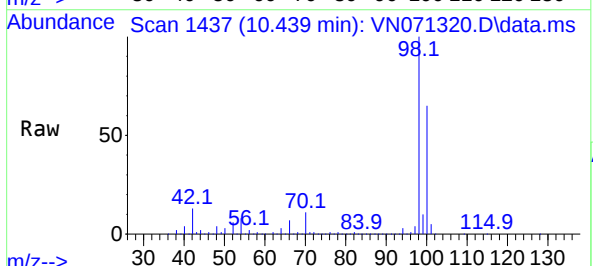
Manual Integrations
APPROVED

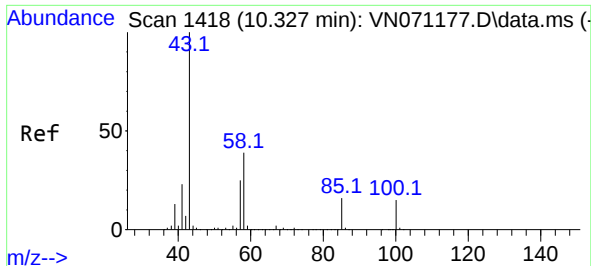
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#50
Toluene-d8
Concen: 48.980 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Tgt Ion: 98 Resp: 1394200
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6





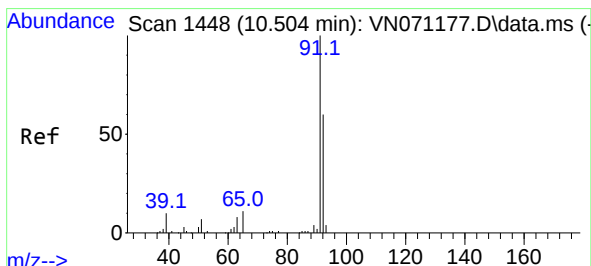
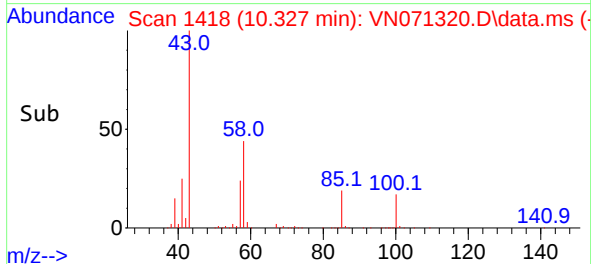
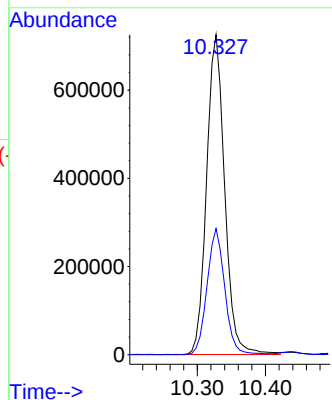
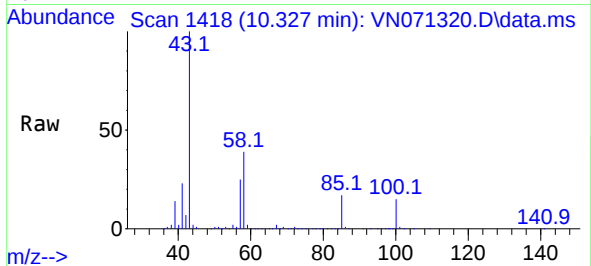
#51
4-Methyl-2-Pentanone
Concen: 92.542 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

Tgt Ion: 43 Resp: 133885
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

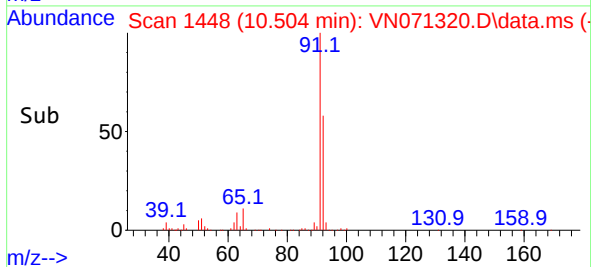
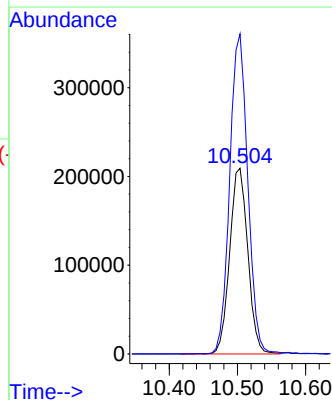
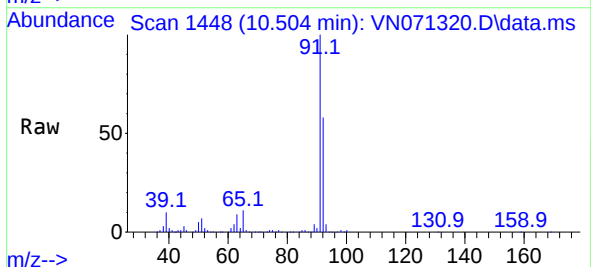
Manual Integrations
APPROVED

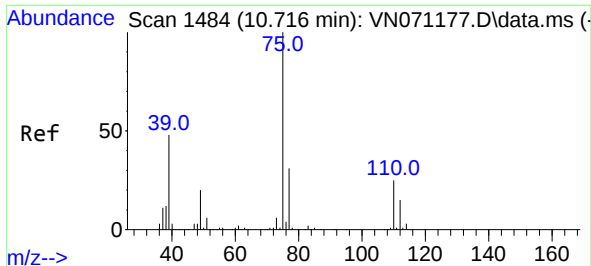
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#52
Toluene
Concen: 18.433 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

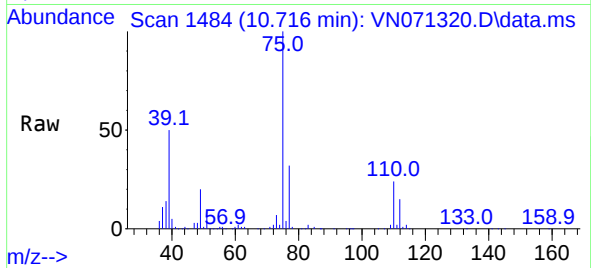
Tgt Ion: 92 Resp: 387365
Ion Ratio Lower Upper
92 100
91 172.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.432 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

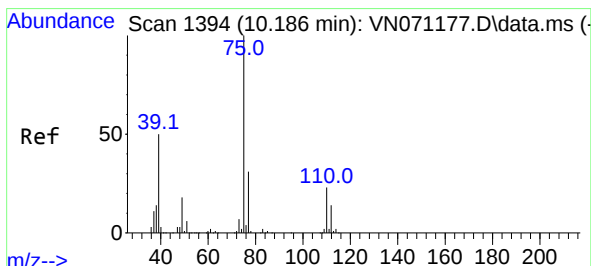
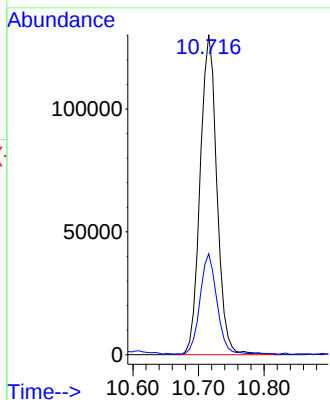
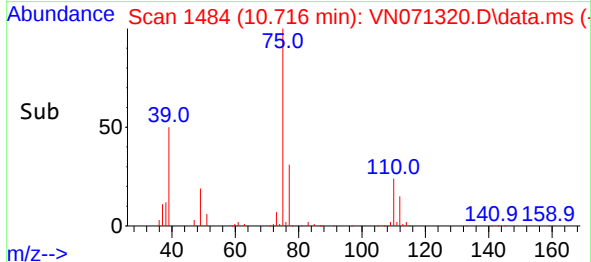
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



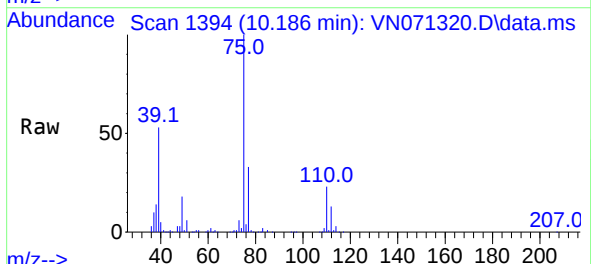
Tgt Ion: 75 Resp: 231530
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

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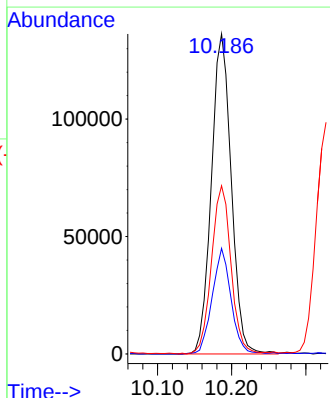
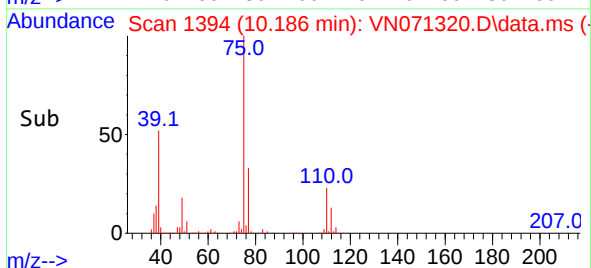
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

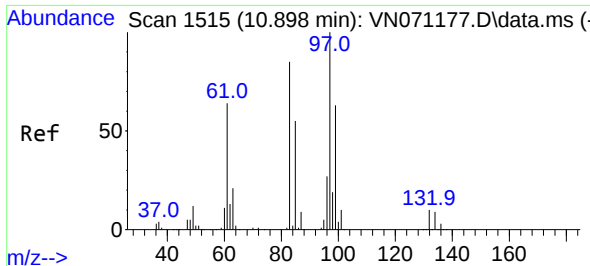


#54
cis-1,3-Dichloropropene
Concen: 18.503 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



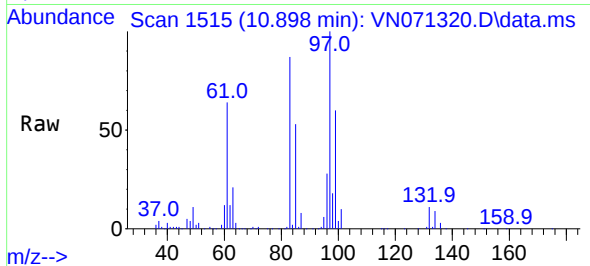
Tgt Ion: 75 Resp: 253963
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
39 52.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.550 ug/l
RT: 10.898 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument : MSVOA_N
ClientSampleId : VN0316MBSD01

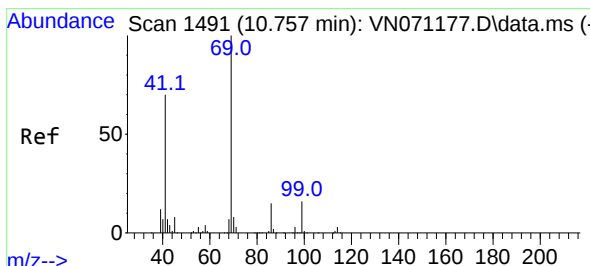
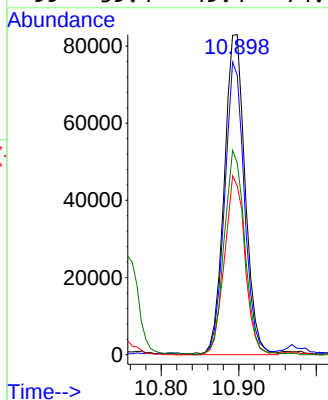
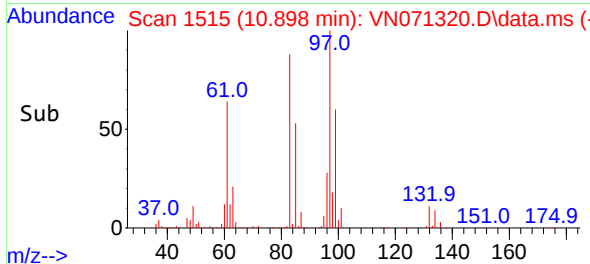


Tgt Ion: 97 Resp: 15621

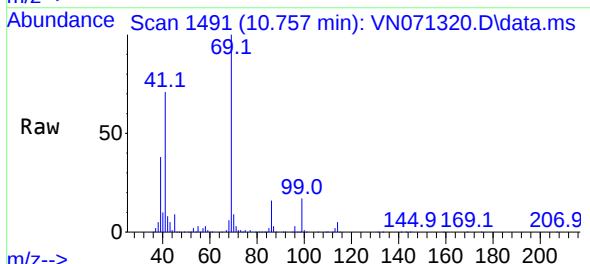
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.8	101.6
85	52.7	45.4	68.2
99	59.4	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

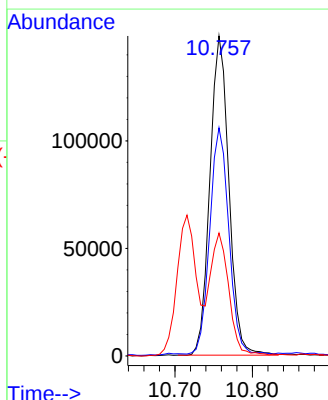
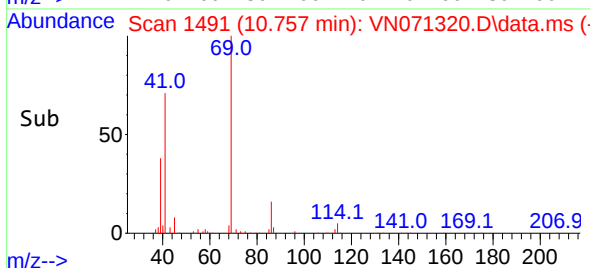


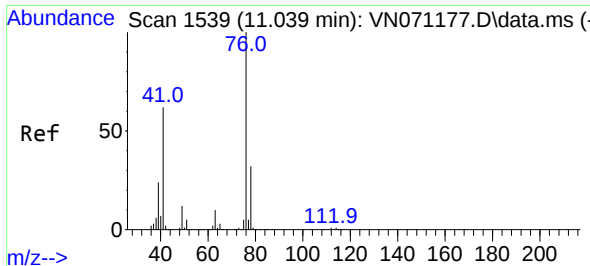
#56
Ethyl methacrylate
Concen: 18.384 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion: 69 Resp: 252819

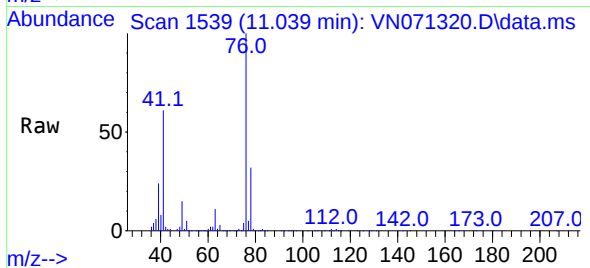
Ion	Ratio	Lower	Upper
69	100		
41	70.7	51.4	77.0
39	35.8	34.6	52.0





#57
1,3-Dichloropropane
Concen: 18.423 ug/l
RT: 11.039 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

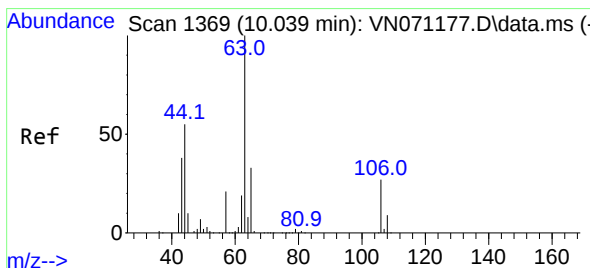
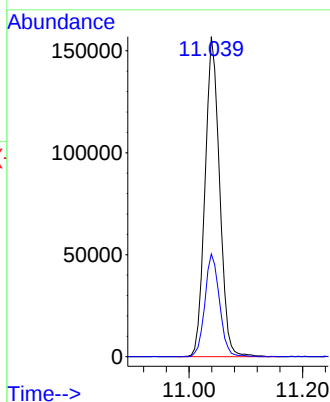
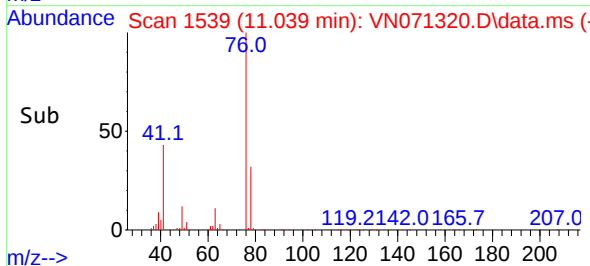
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



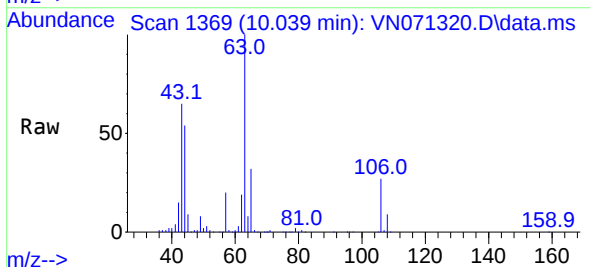
Tgt Ion: 76 Resp: 278474
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
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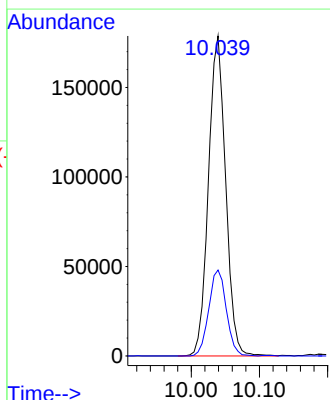
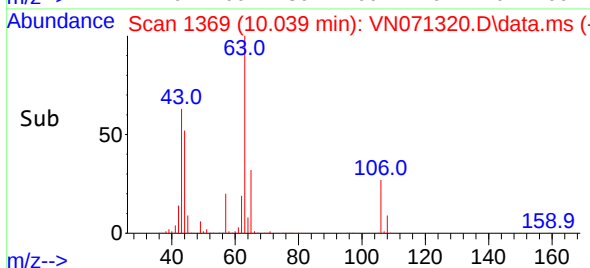
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

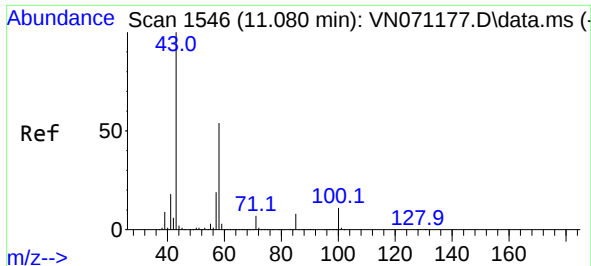


#58
2-Chloroethyl Vinyl ether
Concen: 124.317 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



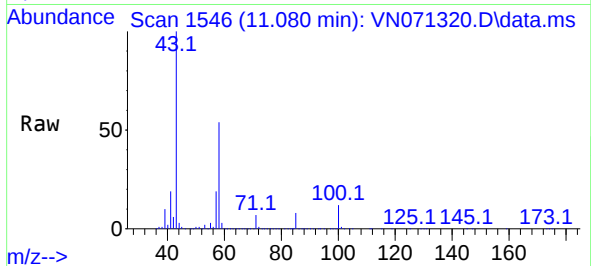
Tgt Ion: 63 Resp: 313632
Ion Ratio Lower Upper
63 100
106 27.4 23.9 35.9





#59
2-Hexanone
Concen: 97.260 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

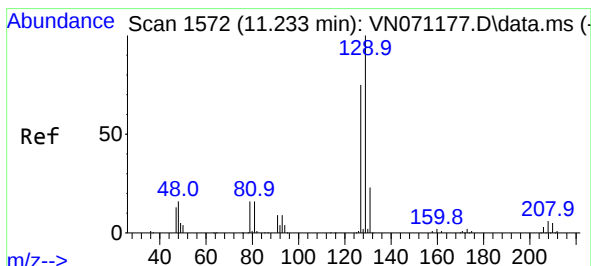
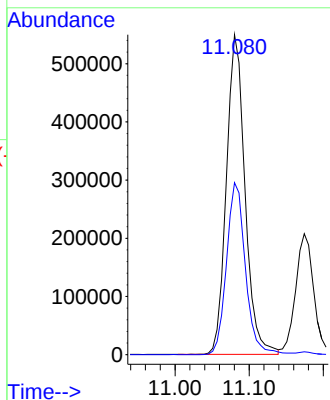
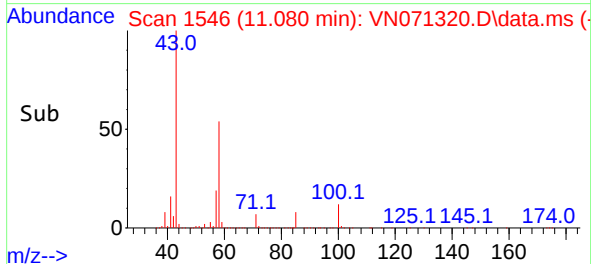
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01



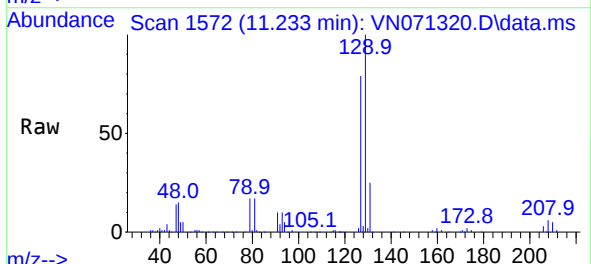
Tgt Ion: 43 Resp: 960089
Ion Ratio Lower Upper
43 100
58 54.6 26.9 80.7

Manual Integrations
APPROVED

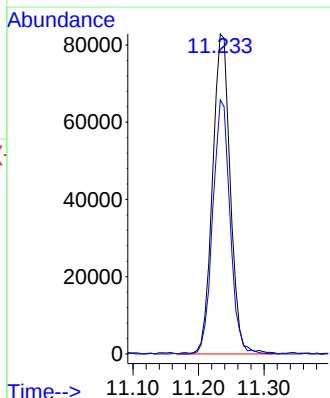
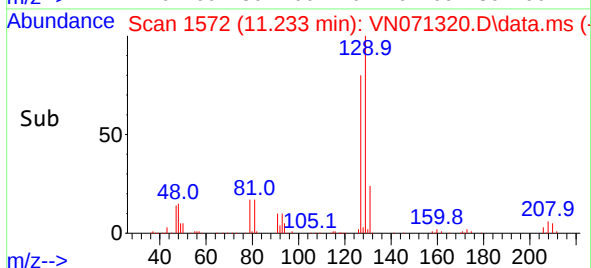
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

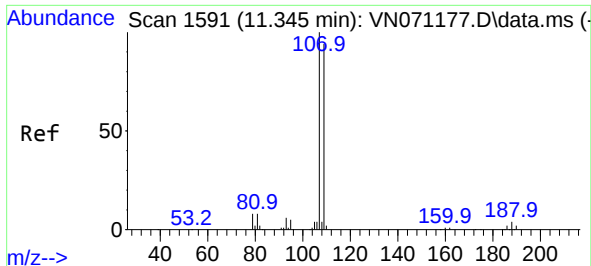


#60
Dibromochloromethane
Concen: 18.616 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



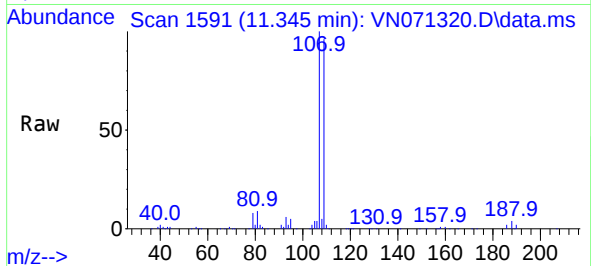
Tgt Ion:129 Resp: 155764
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.227 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

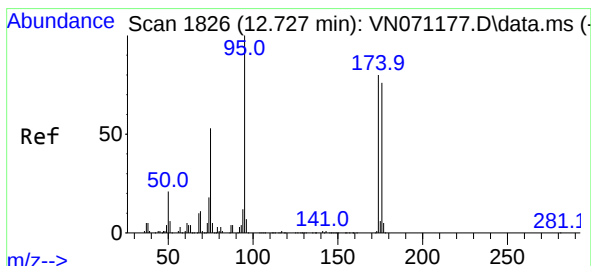
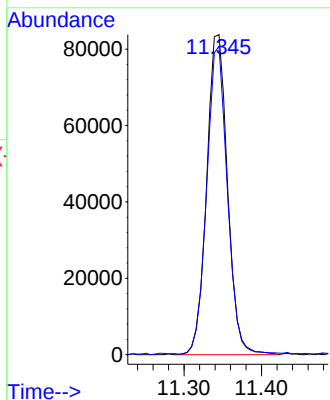
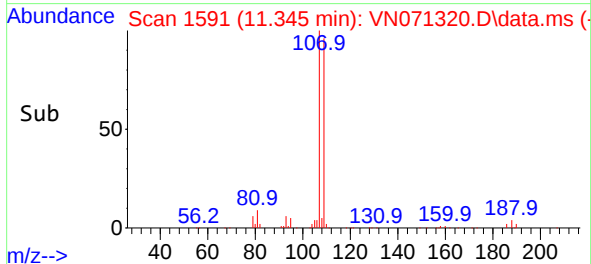
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



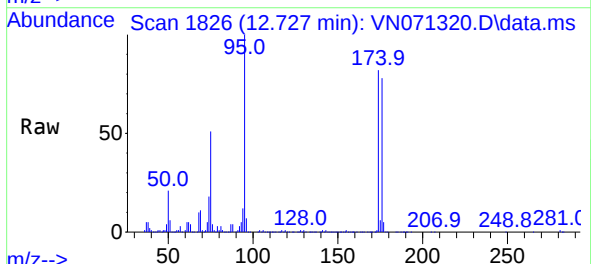
Tgt Ion:107 Resp: 156869
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5

Manual Integrations
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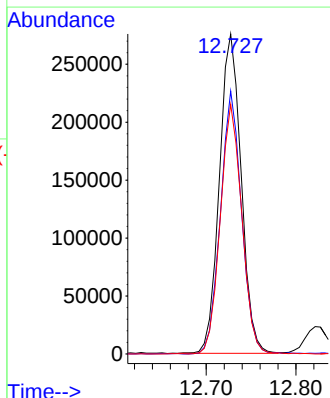
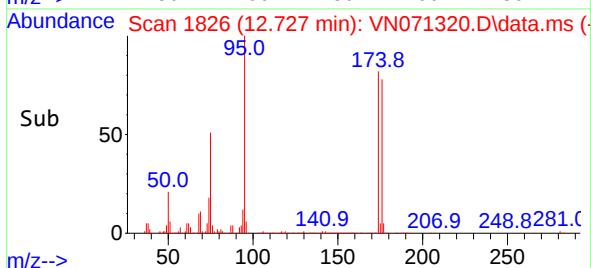
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

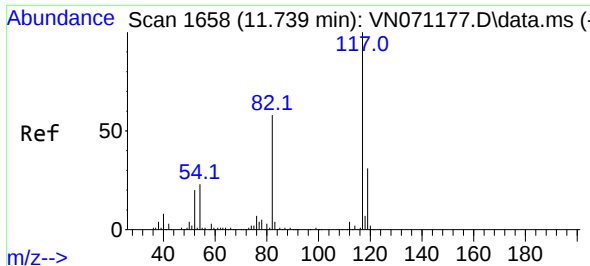


#62
4-Bromofluorobenzene
Concen: 48.095 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



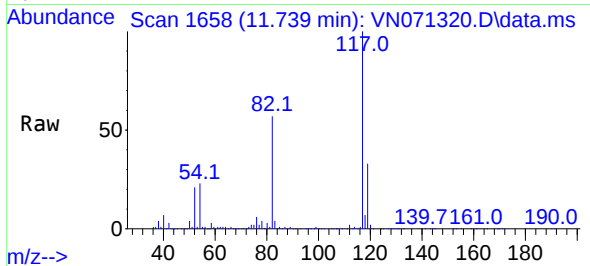
Tgt Ion: 95 Resp: 463579
Ion Ratio Lower Upper
95 100
174 79.9 0.0 187.2
176 77.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

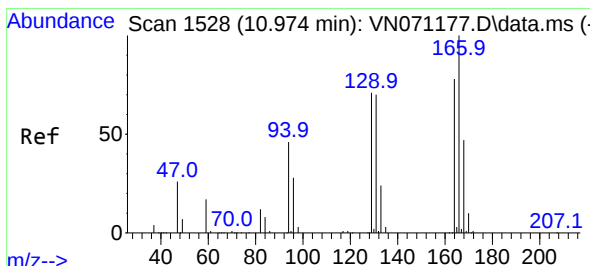
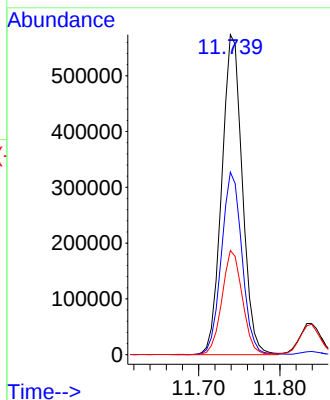
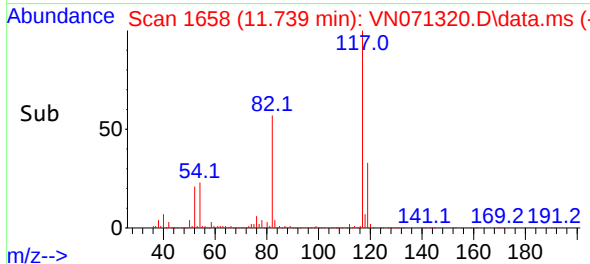
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



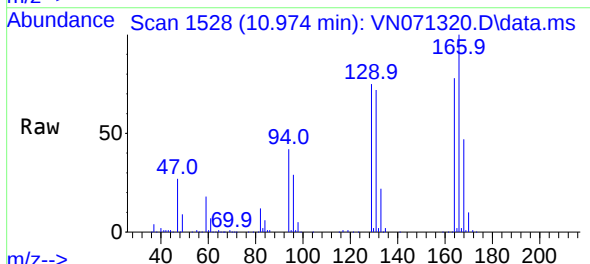
Tgt Ion:117 Resp: 100851
Ion Ratio Lower Upper
117 100
82 57.0 42.4 63.6
119 32.5 25.4 38.2

Manual Integrations
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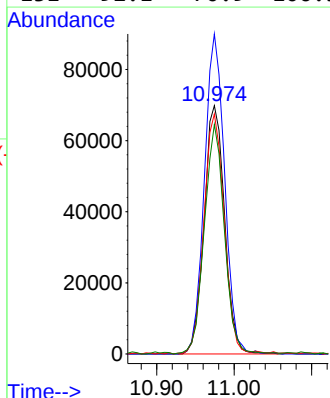
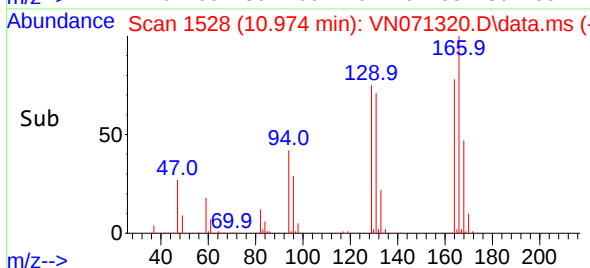
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

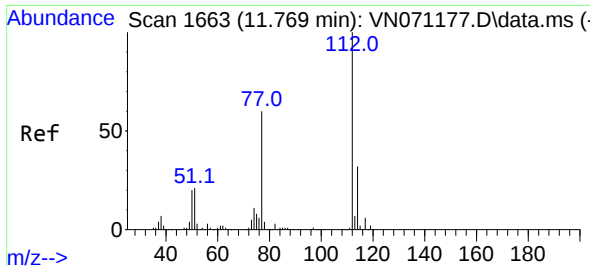


#64
Tetrachloroethene
Concen: 18.219 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



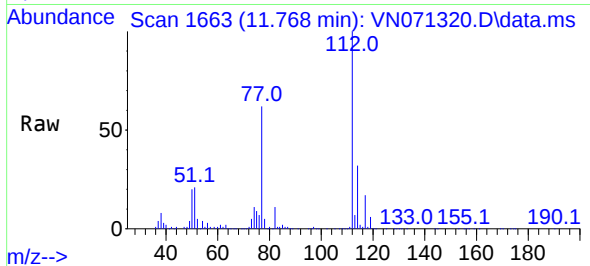
Tgt Ion:164 Resp: 128146
Ion Ratio Lower Upper
164 100
166 128.9 101.9 152.9
129 96.4 72.0 108.0
131 92.1 70.9 106.3





#65
Chlorobenzene
Concen: 18.675 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. -0.001 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

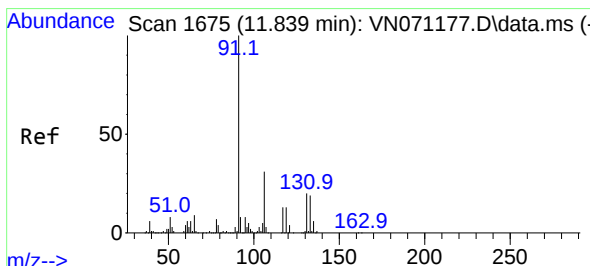
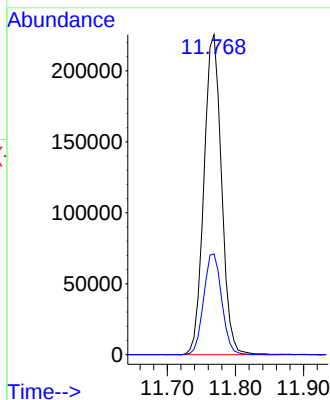
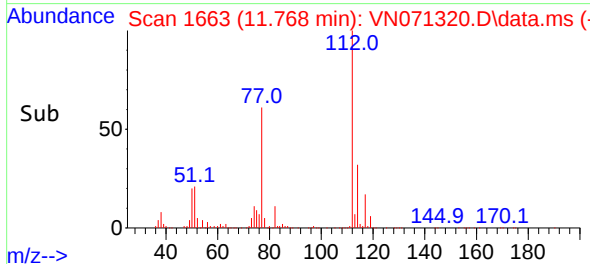
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



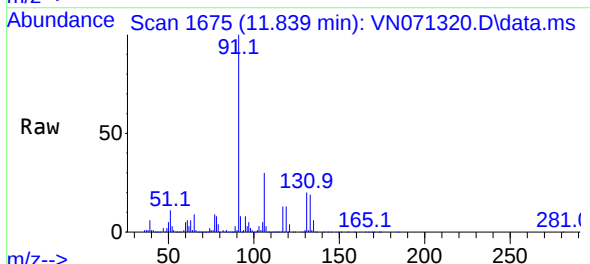
Tgt Ion:112 Resp: 404460
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
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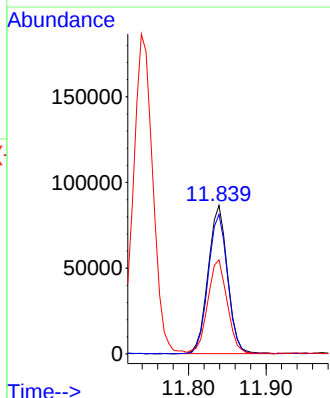
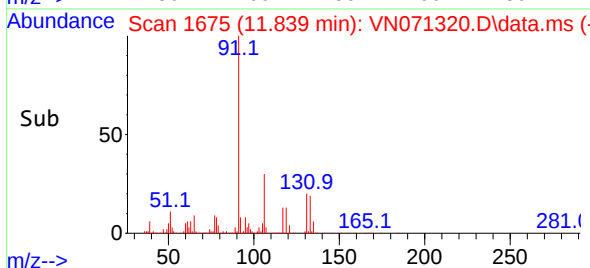
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

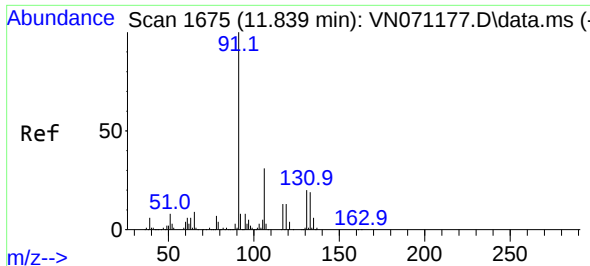


#66
1,1,1,2-Tetrachloroethane
Concen: 18.966 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion:131 Resp: 150619
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 64.4 32.1 96.5





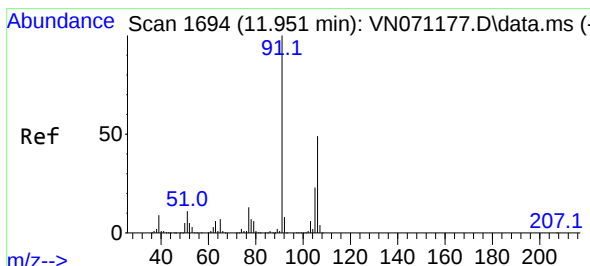
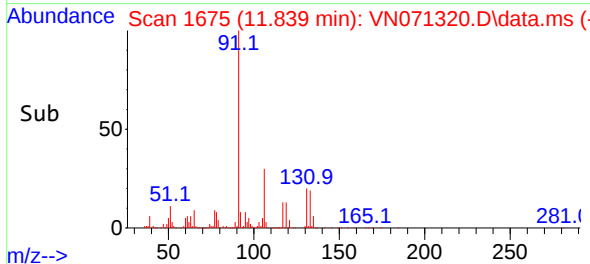
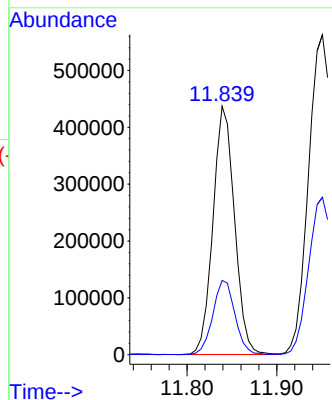
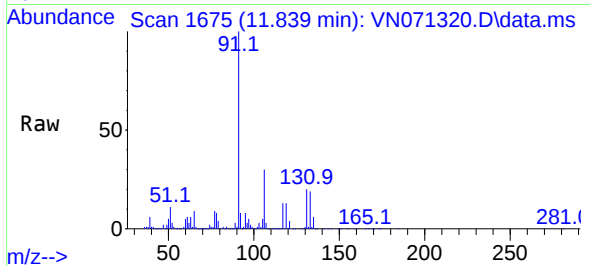
#67
Ethyl Benzene
Concen: 19.018 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion: 91 Resp: 728294
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

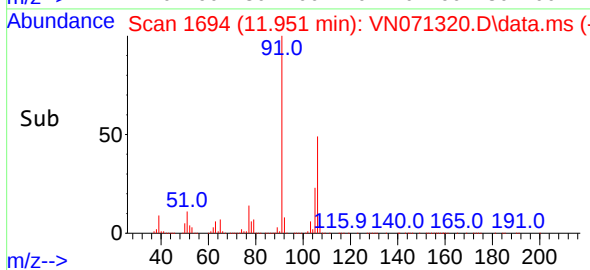
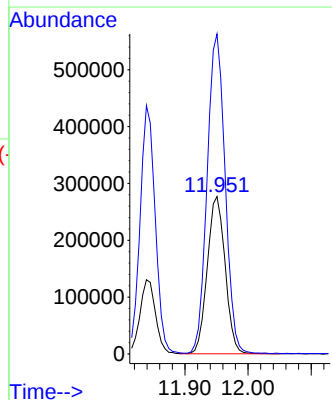
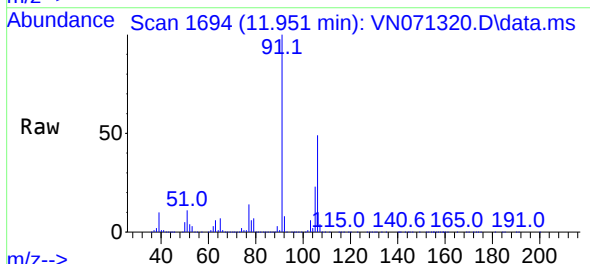
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#68
m/p-Xylenes
Concen: 38.847 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

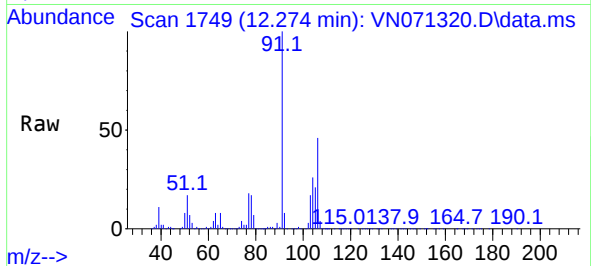
Tgt Ion:106 Resp: 544223
Ion Ratio Lower Upper
106 100
91 203.4 160.6 240.8





#69
o-Xylene
Concen: 19.765 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

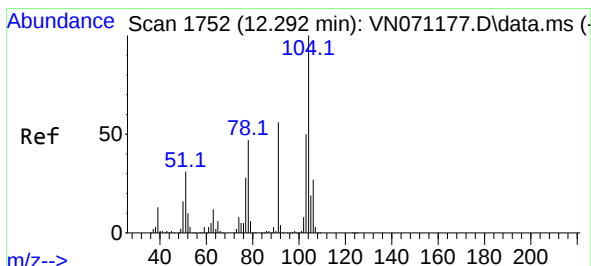
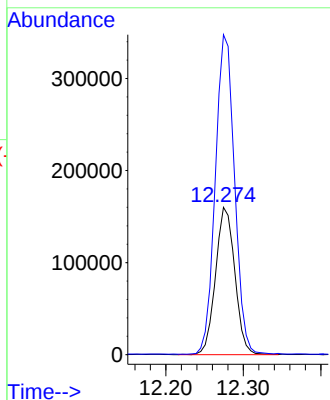
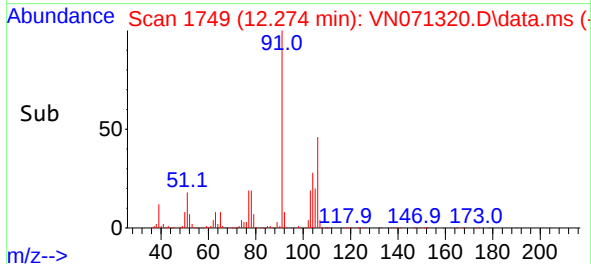
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01



Tgt Ion:106 Resp: 277554
Ion Ratio Lower Upper
106 100
91 215.7 105.8 317.3

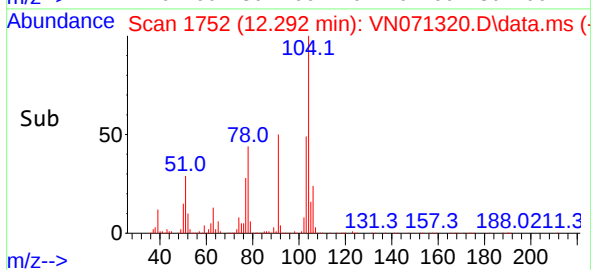
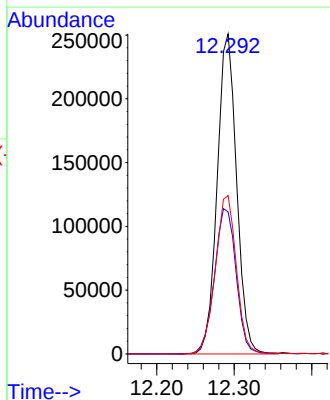
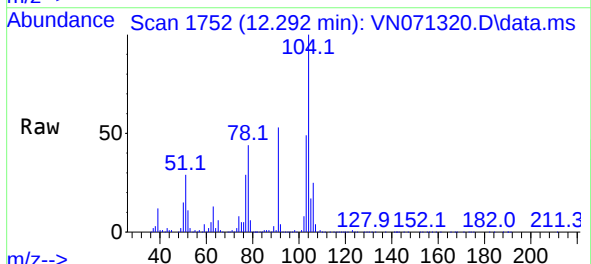
Manual Integrations
APPROVED

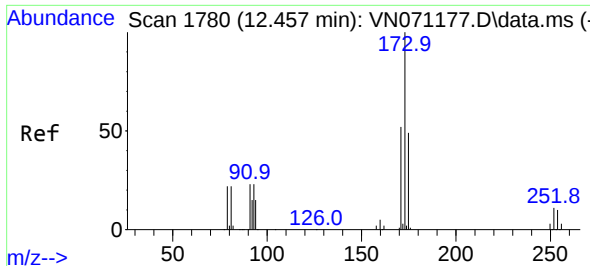
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#70
Styrene
Concen: 20.110 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

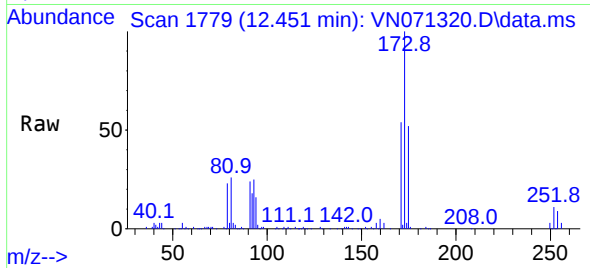
Tgt Ion:104 Resp: 437135
Ion Ratio Lower Upper
104 100
78 50.8 38.7 58.1
103 53.8 45.0 67.6





#71
Bromoform
Concen: 18.795 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

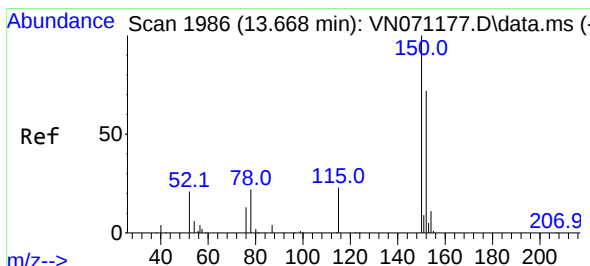
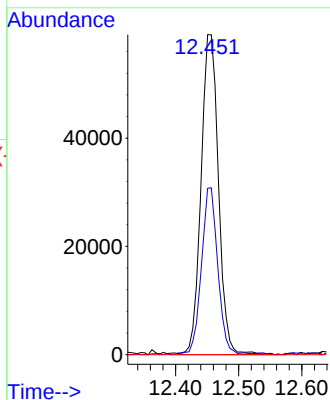
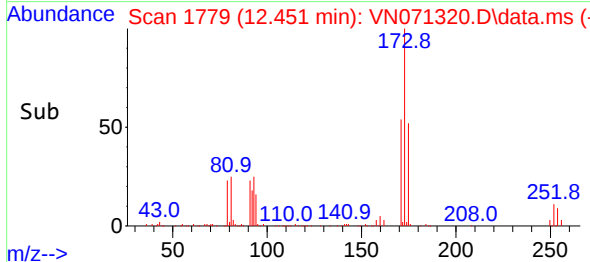
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



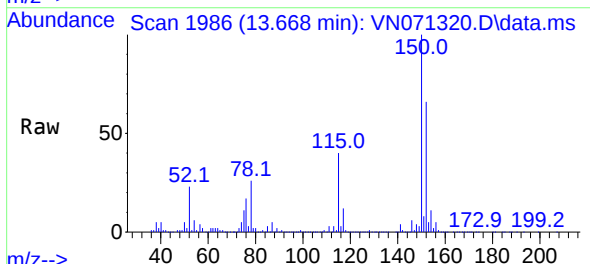
Tgt Ion:173 Resp: 113352
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

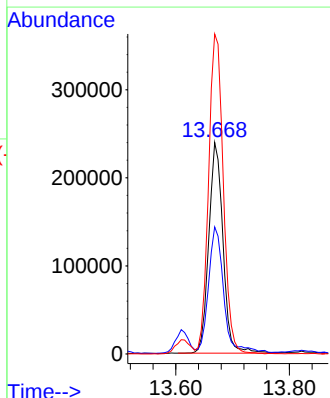
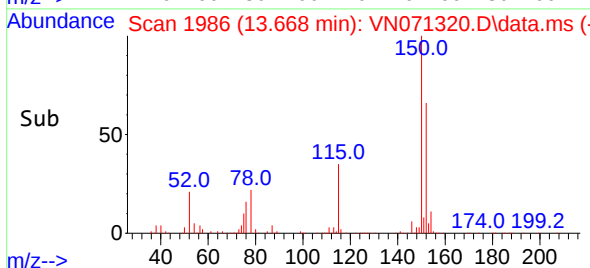
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

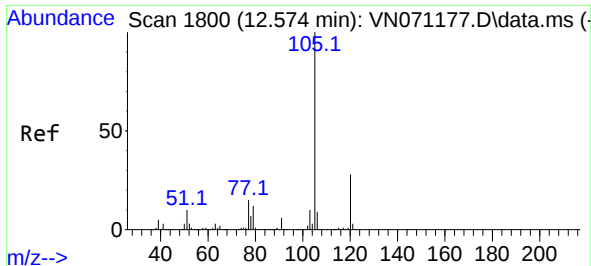


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion:152 Resp: 414090
Ion Ratio Lower Upper
152 100
115 62.7 27.5 82.5
150 157.3 0.0 344.4





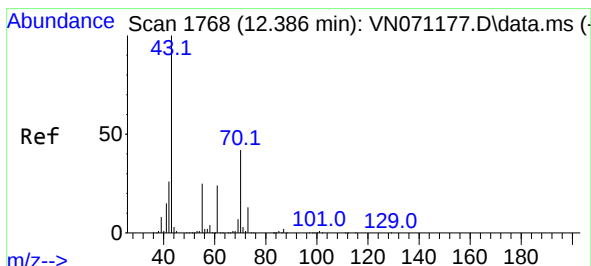
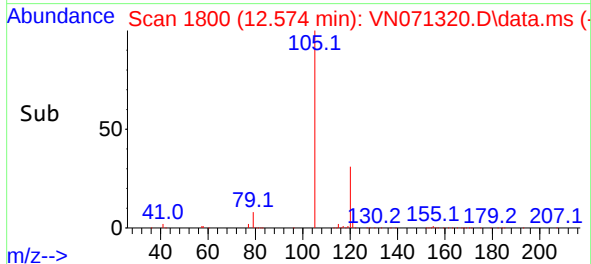
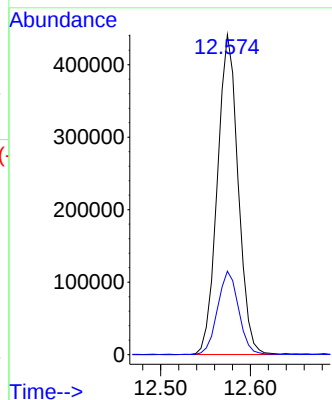
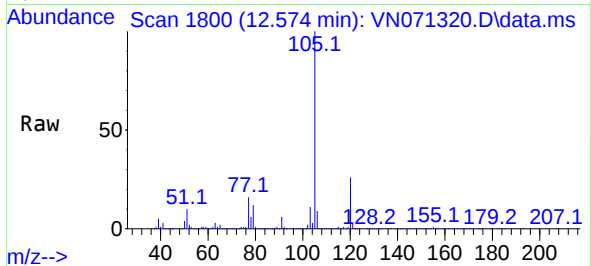
#73
Isopropylbenzene
Concen: 17.750 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion:105 Resp: 708519
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

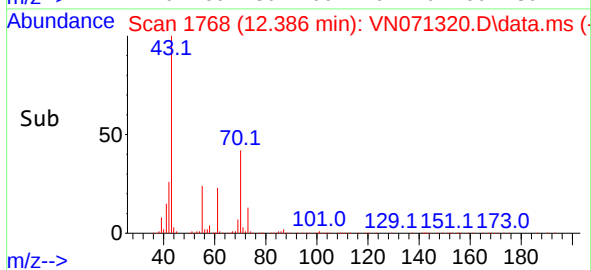
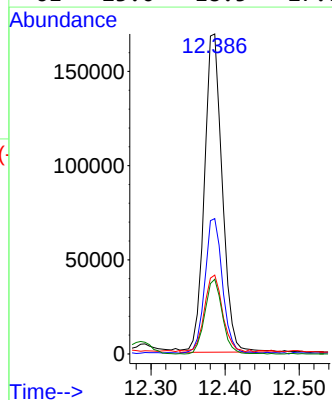
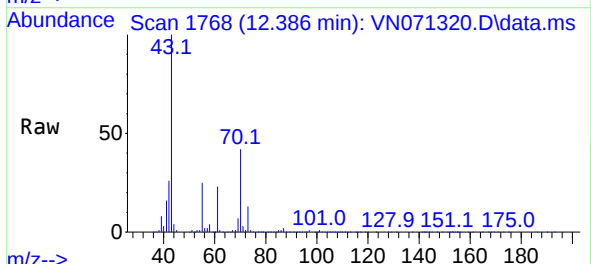
Manual Integrations
APPROVED

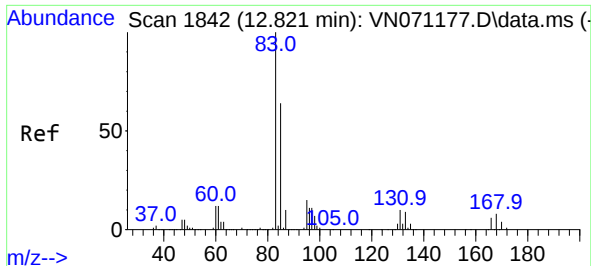
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#74
N-ethyl acetate
Concen: 18.901 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

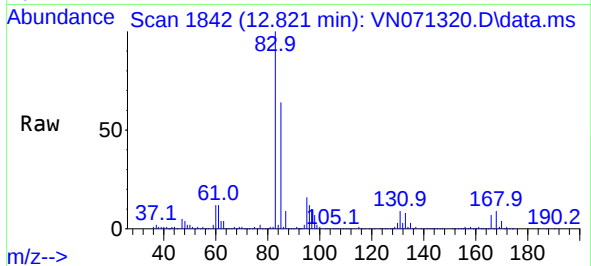
Tgt Ion: 43 Resp: 283690
Ion Ratio Lower Upper
43 100
70 41.7 33.4 50.0
55 25.0 19.3 28.9
61 23.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.610 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

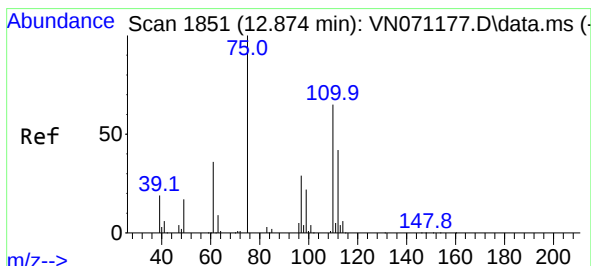
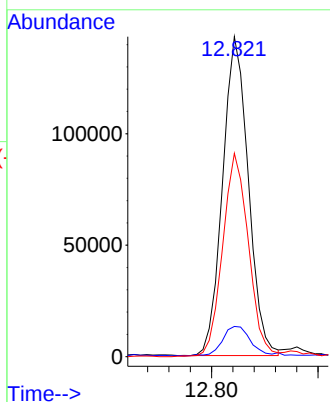
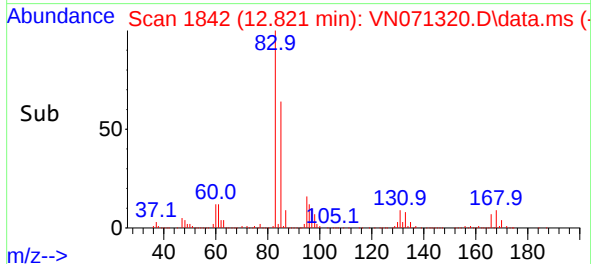
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01



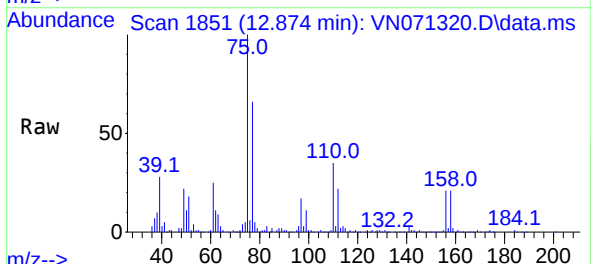
Tgt Ion: 83 Resp: 23983
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.5
85 64.0 32.4 97.2

Manual Integrations
APPROVED

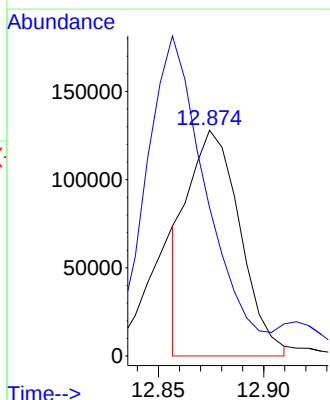
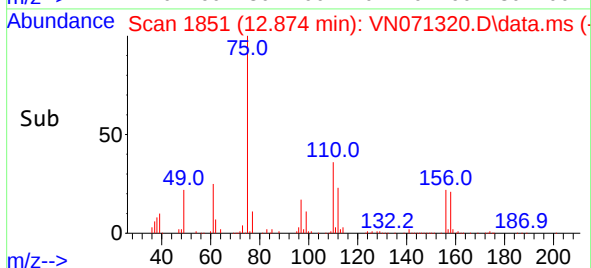
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

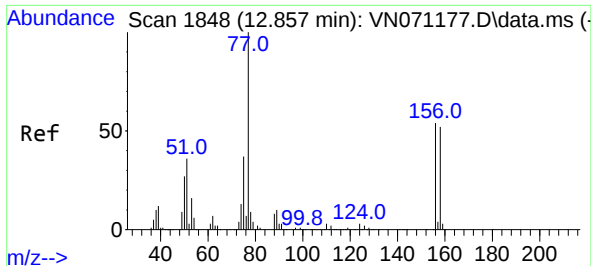


#76
1,2,3-Trichloropropane
Concen: 20.325 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion: 75 Resp: 220792
Ion Ratio Lower Upper
75 100
77 165.4 82.6 247.8





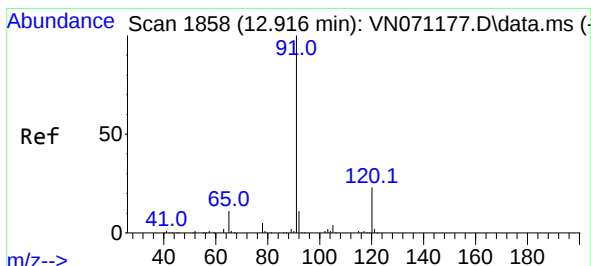
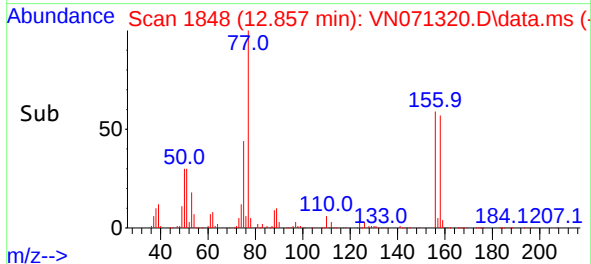
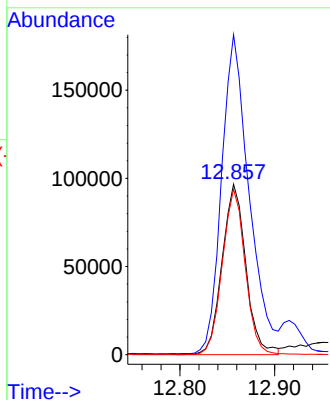
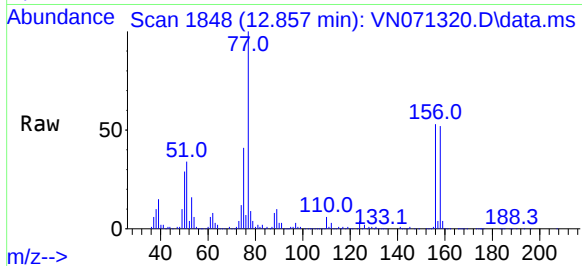
#77
Bromobenzene
Concen: 18.190 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion:156 Resp: 169317
Ion Ratio Lower Upper
156 100
77 215.7 90.6 271.8
158 93.4 48.9 146.7

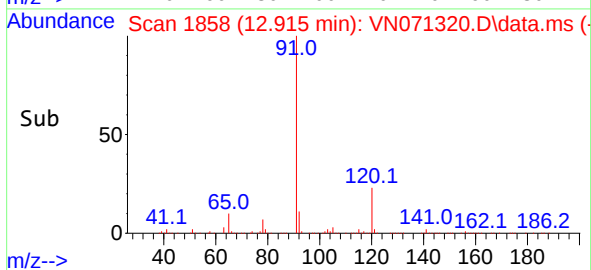
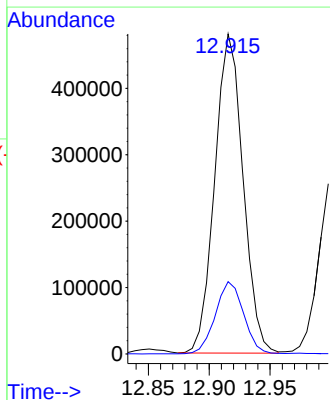
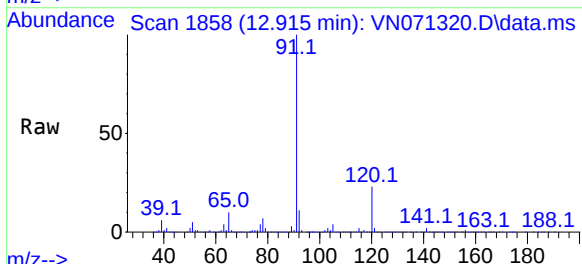
Manual Integrations
APPROVED

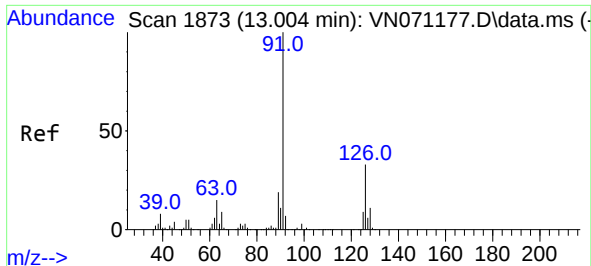
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#78
n-propylbenzene
Concen: 18.116 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Tgt Ion: 91 Resp: 775985
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





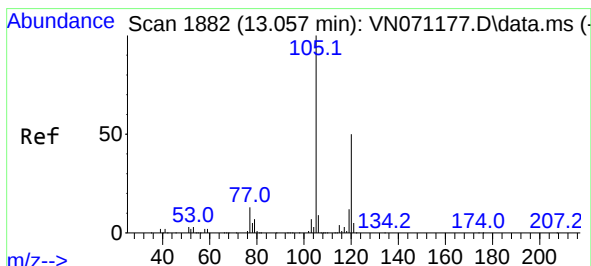
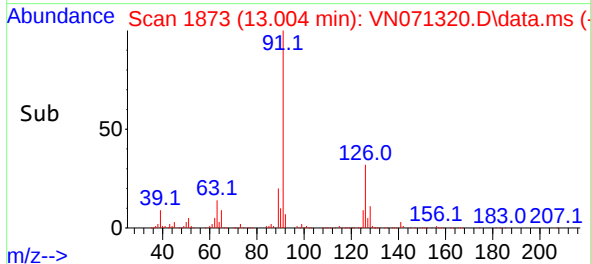
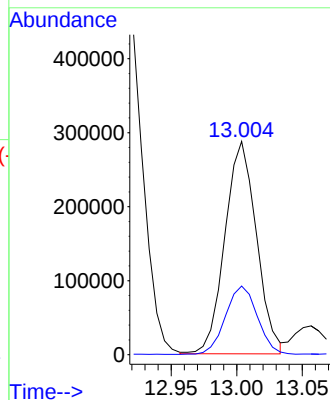
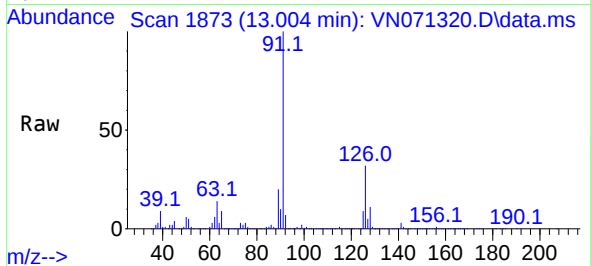
#79
2-Chlorotoluene
Concen: 17.481 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion: 91 Resp: 48067
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8

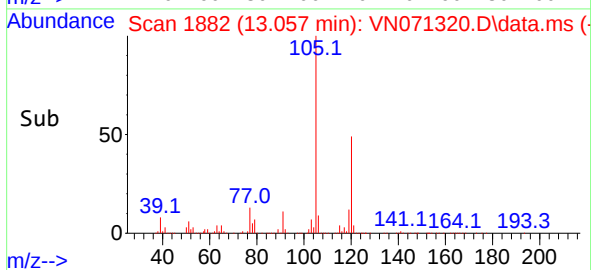
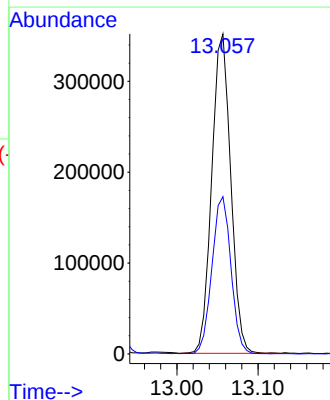
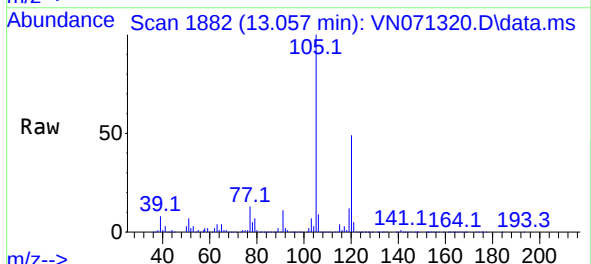
Manual Integrations
APPROVED

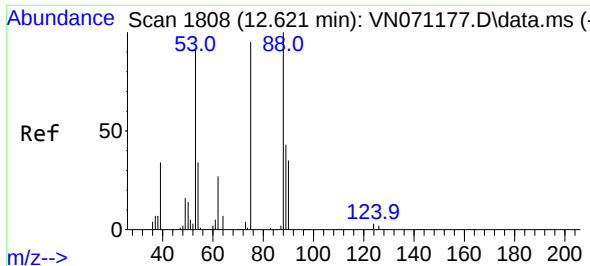
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.385 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

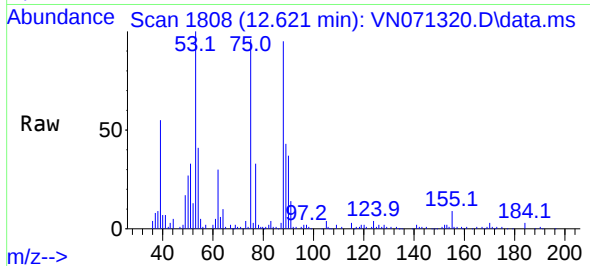
Tgt Ion:105 Resp: 570969
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.063 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

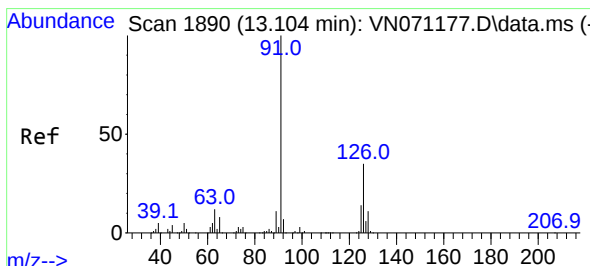
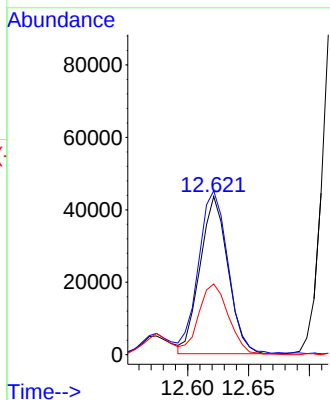
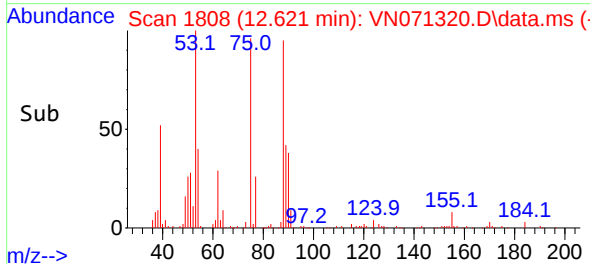
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



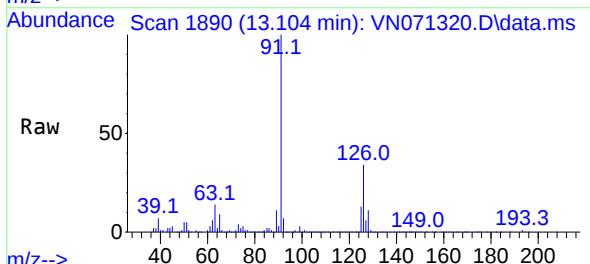
Tgt Ion: 75 Resp: 6919
Ion Ratio Lower Upper
75 100
53 111.3 90.5 135.7
89 48.6 38.2 57.4

Manual Integrations
APPROVED

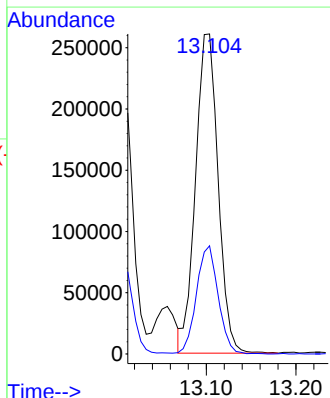
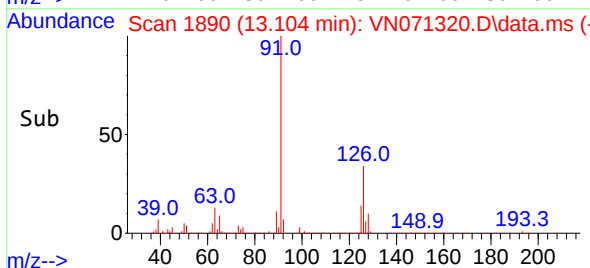
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

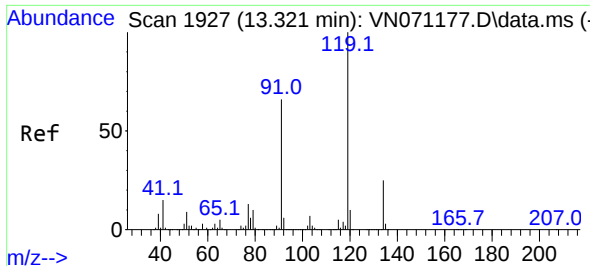


#82
4-Chlorotoluene
Concen: 18.592 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



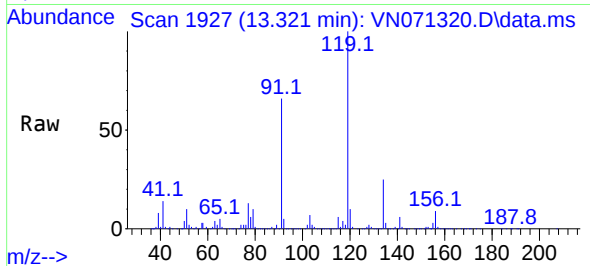
Tgt Ion: 91 Resp: 455356
Ion Ratio Lower Upper
91 100
126 32.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.150 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

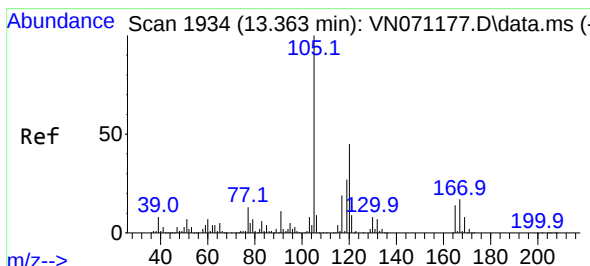
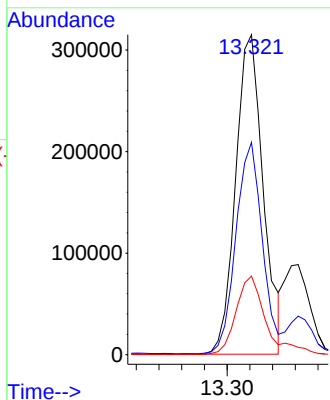
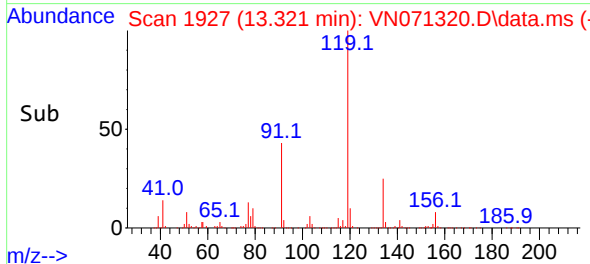
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



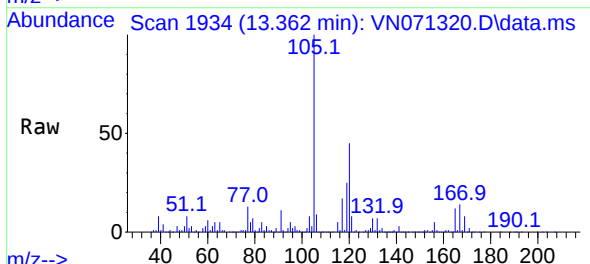
Tgt Ion:119 Resp: 530744
Ion Ratio Lower Upper
119 100
91 63.3 31.5 94.5
134 26.8 12.4 37.4

Manual Integrations
APPROVED

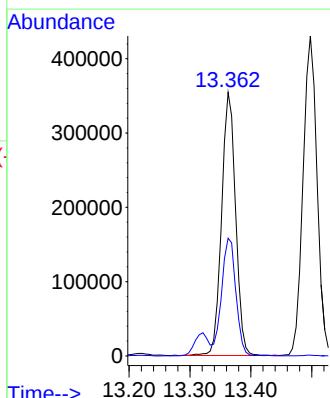
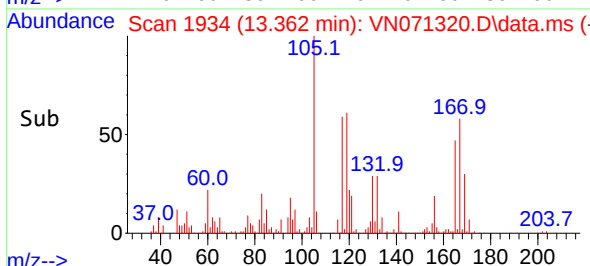
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

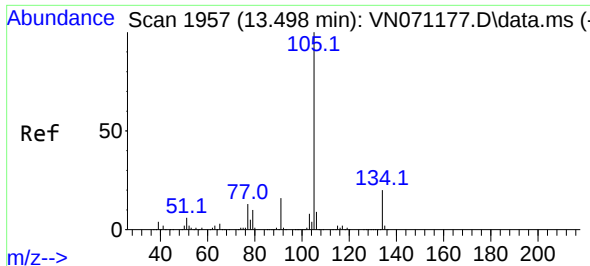


#84
1,2,4-Trimethylbenzene
Concen: 19.032 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion:105 Resp: 566150
Ion Ratio Lower Upper
105 100
120 45.6 22.8 68.4





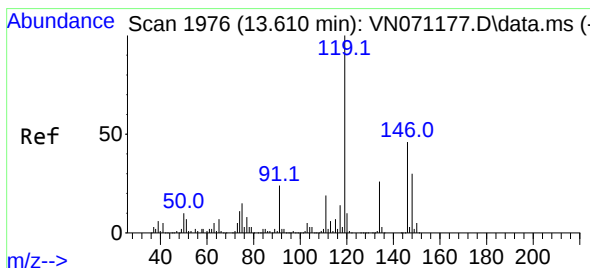
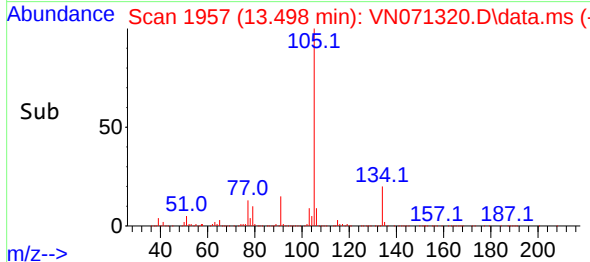
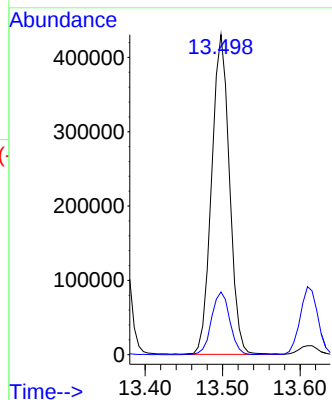
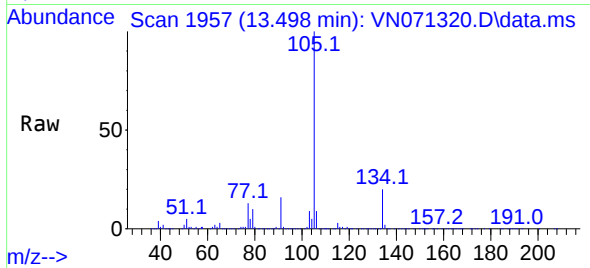
#85
sec-Butylbenzene
Concen: 18.648 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBSD01

Tgt Ion:105 Resp: 686964
Ion Ratio Lower Upper
105 100
134 20.1 10.4 31.1

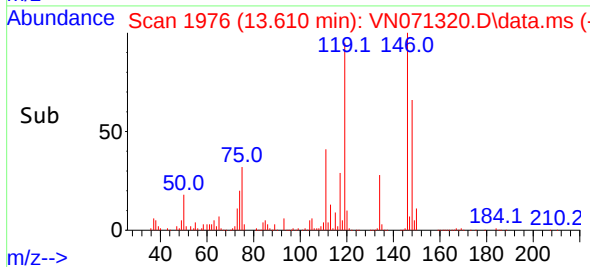
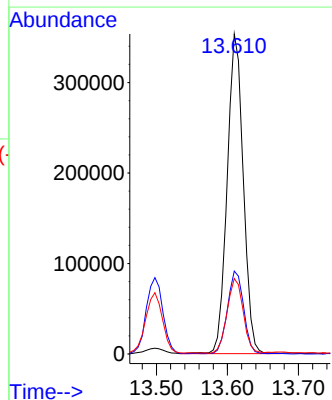
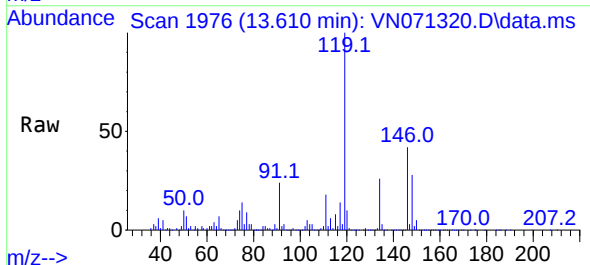
Manual Integrations
APPROVED

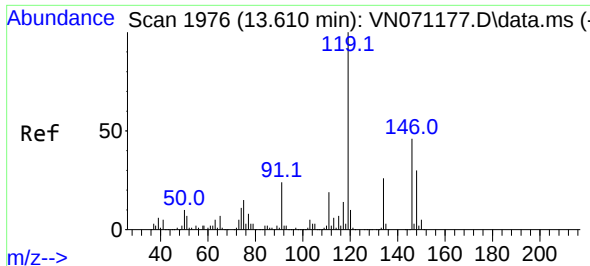
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#86
p-Isopropyltoluene
Concen: 19.174 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Tgt Ion:119 Resp: 555483
Ion Ratio Lower Upper
119 100
134 25.8 13.6 40.7
91 23.5 11.4 34.1





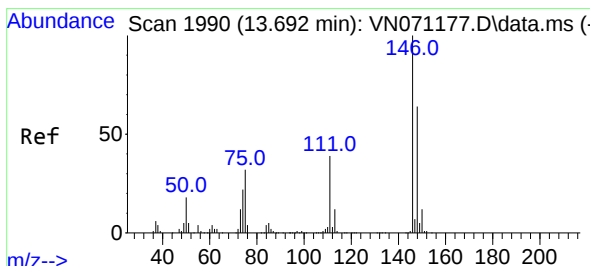
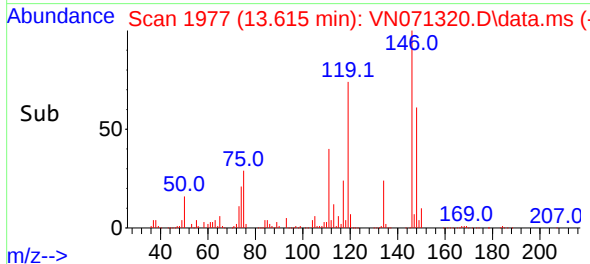
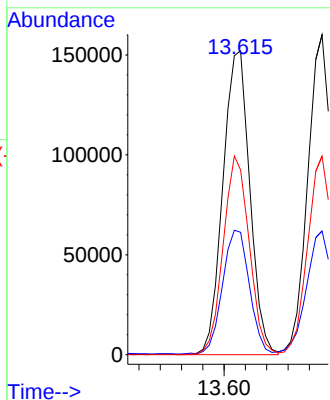
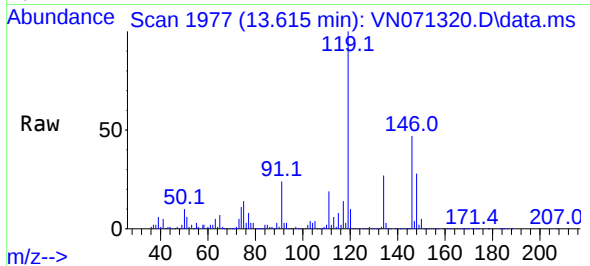
#87
1,3-Dichlorobenzene
Concen: 17.637 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01

Tgt Ion:146 Resp: 26674
Ion Ratio Lower Upper
146 100
111 40.5 18.6 55.6
148 63.2 31.6 95.0

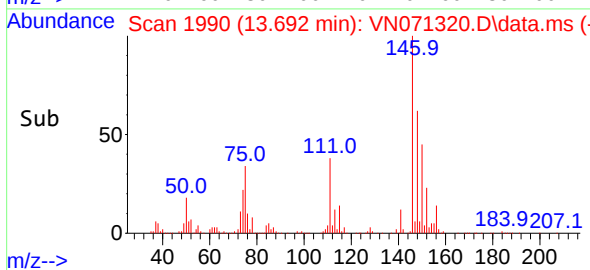
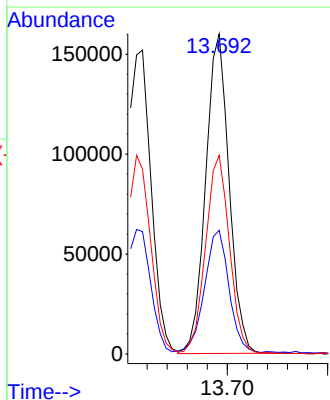
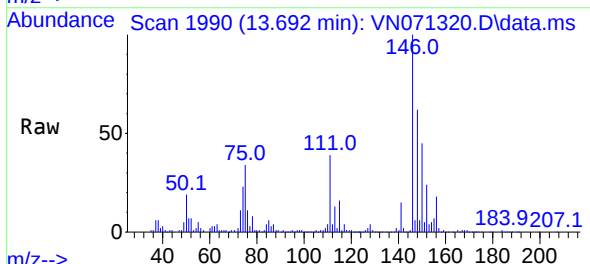
Manual Integrations
APPROVED

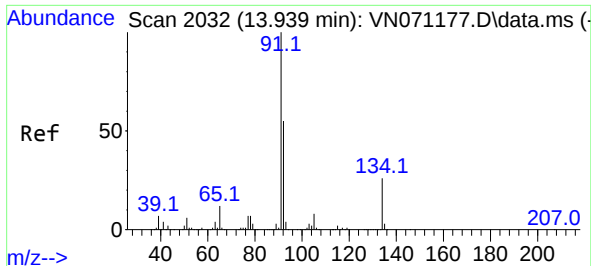
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#88
1,4-Dichlorobenzene
Concen: 17.520 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

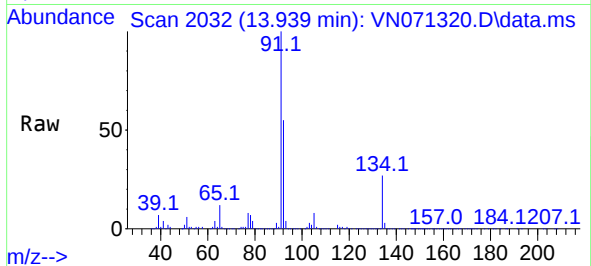
Tgt Ion:146 Resp: 259023
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 18.739 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

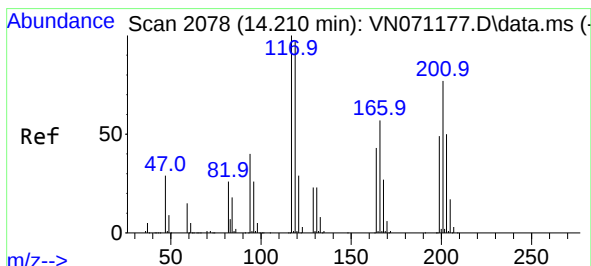
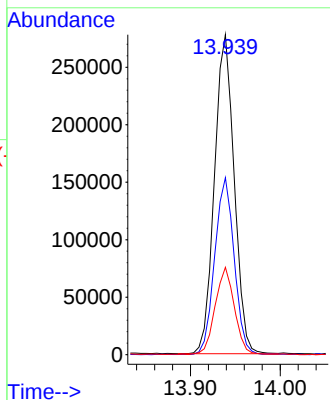
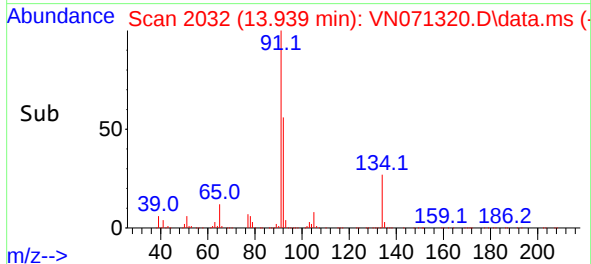
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



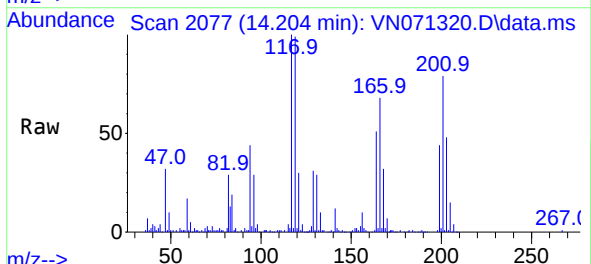
Tgt Ion: 91 Resp: 42461
Ion Ratio Lower Upper
91 100
92 54.9 25.4 76.0
134 26.5 13.6 40.8

Manual Integrations
APPROVED

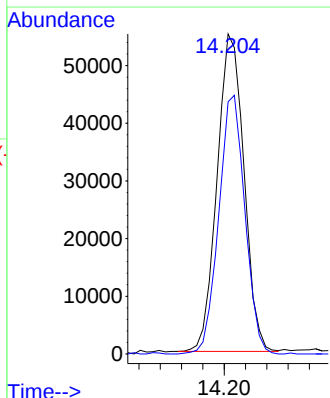
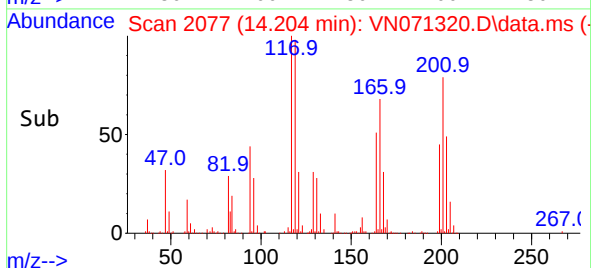
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

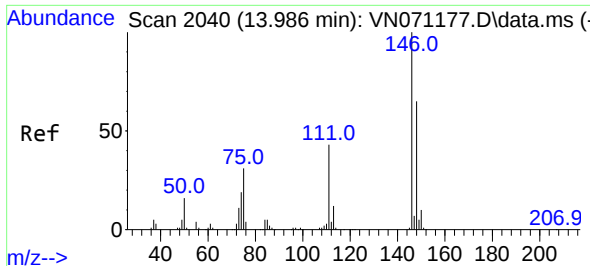


#90
Hexachloroethane
Concen: 16.716 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



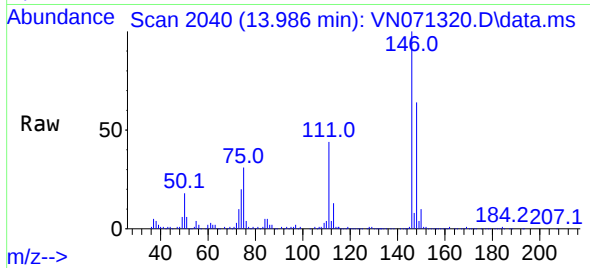
Tgt Ion:117 Resp: 96304
Ion Ratio Lower Upper
117 100
201 79.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.166 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

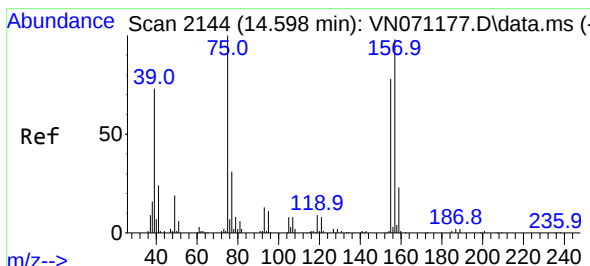
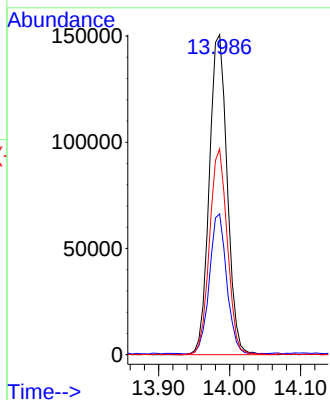
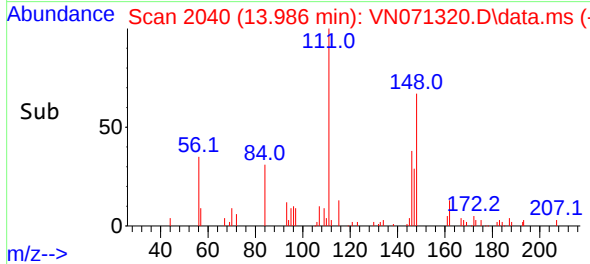
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



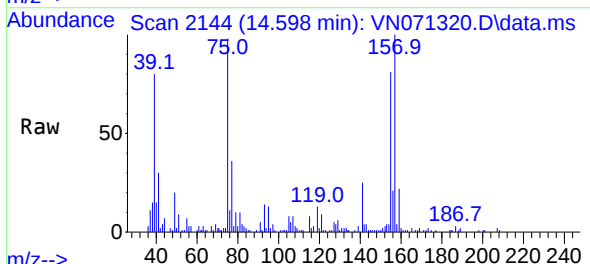
Tgt Ion:146 Resp: 264150
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
APPROVED

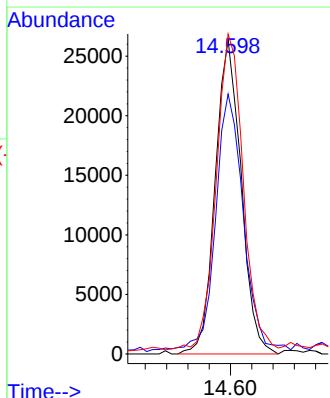
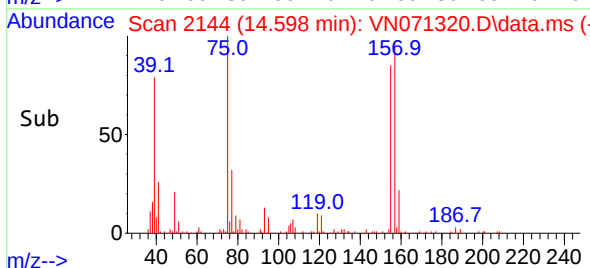
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

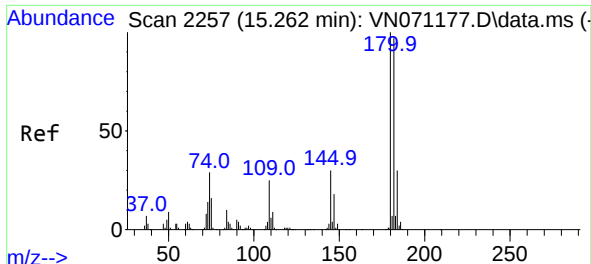


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.153 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



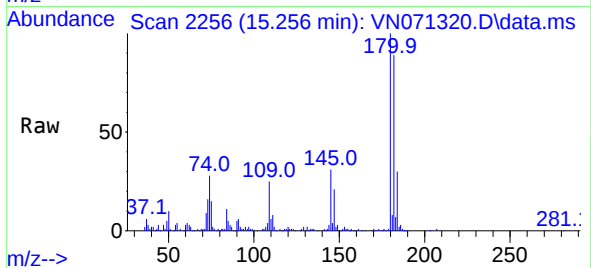
Tgt Ion: 75 Resp: 44483
Ion Ratio Lower Upper
75 100
155 88.6 46.9 140.7
157 104.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.648 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

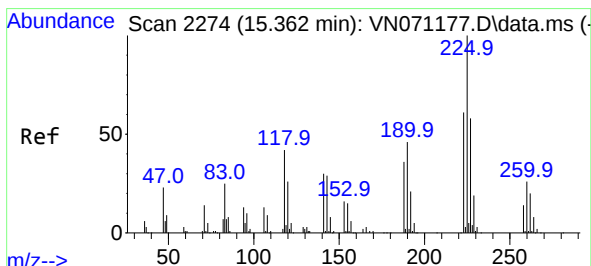
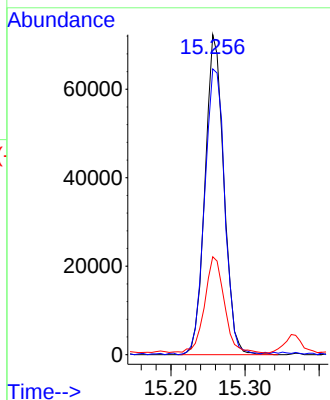
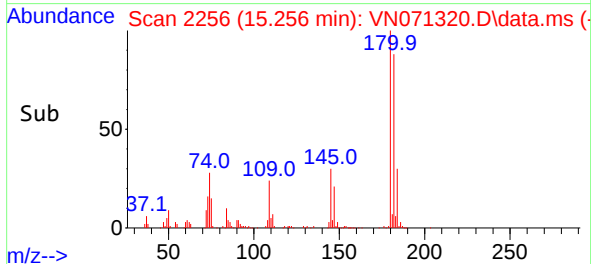
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



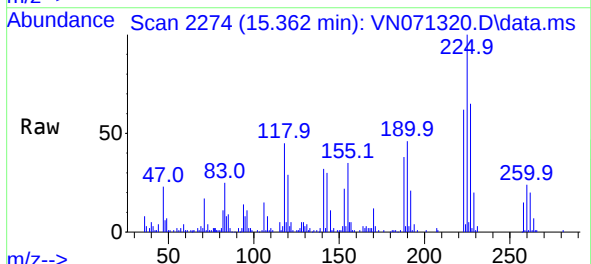
Tgt Ion:180 Resp: 127454
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.9
145 31.5 14.5 43.5

Manual Integrations
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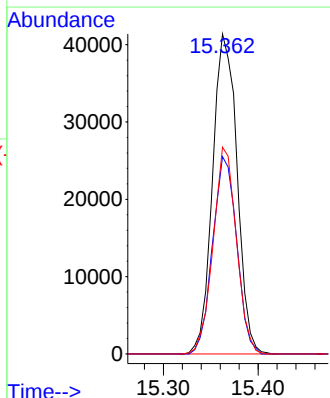
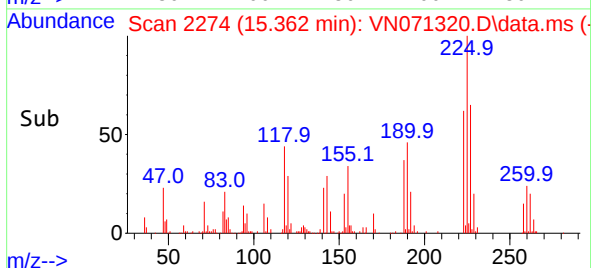
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

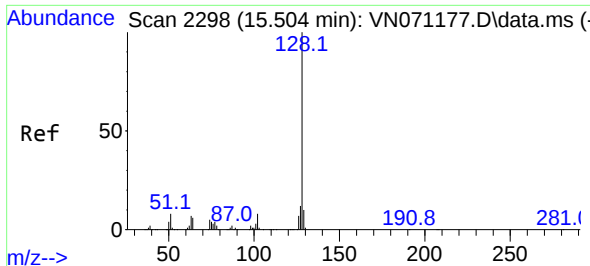


#94
Hexachlorobutadiene
Concen: 18.146 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



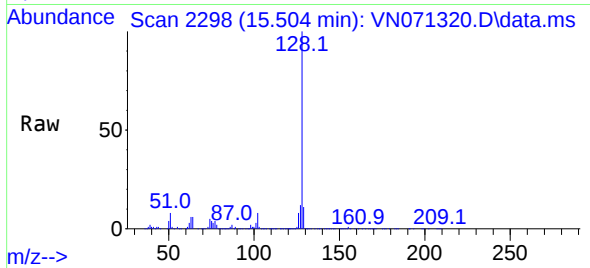
Tgt Ion:225 Resp: 74070
Ion Ratio Lower Upper
225 100
223 60.8 31.9 95.7
227 61.8 32.1 96.3





#95
Naphthalene
Concen: 24.992 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52

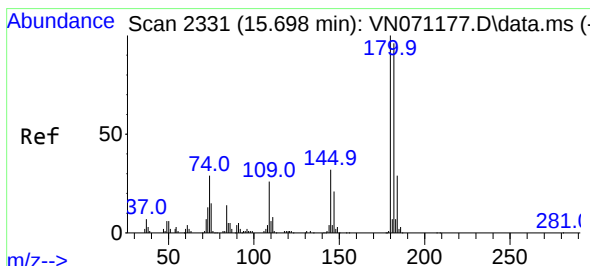
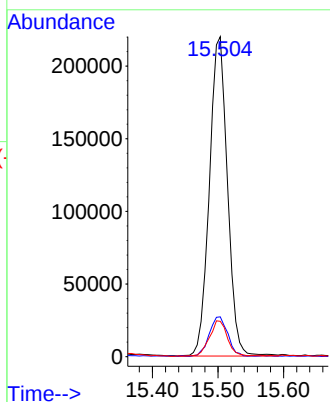
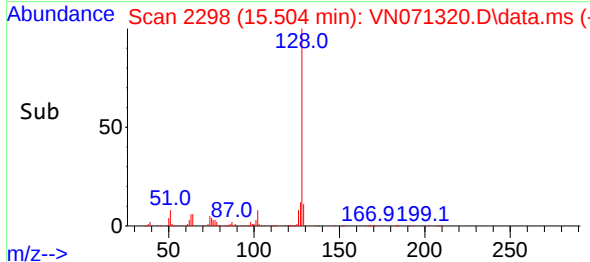
Instrument :
MSVOA_N
ClientSampleId :
VN0316MBS01



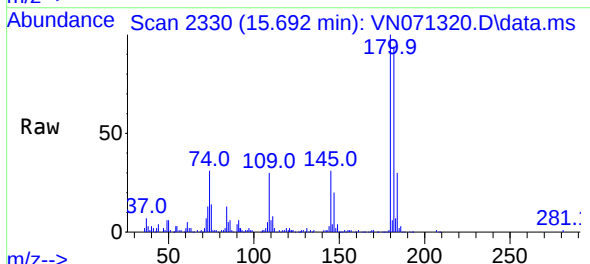
Tgt Ion:128 Resp: 420884
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.496 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071320.D
Acq: 16 Mar 2022 14:52



Tgt Ion:180 Resp: 129036
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 32.6 15.0 45.1

